

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088775.D
 Acq On : 7 Jul 2016 12:45
 Operator : UM/SJ
 Sample : PB91776BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Manual Integrations
 APPROVED

SOHIL
 7/8/2016 7:03:28 AM

Quant Time: Jul 08 04:46:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	104027	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	414884	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	205440	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	374370	20.00	ng	0.00
75) Chrysene-d12	13.89	240	271128	20.00	ng	0.00
86) Perylene-d12	15.27	264	257807	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	710997	102.43	ng	0.02
7) Phenol-d6	6.39	99	947388	105.63	ng	0.00
23) Nitrobenzene-d5	7.31	82	673486	85.07	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	232606	121.93	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1014251	77.98	ng	0.00
78) Terphenyl-d14	12.84	244	1025160	84.22	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.03	79	286665	28.71	ng	91
4) n-Nitrosodimethylamine	2.99	42	122266	32.05	ng	86
6) Aniline	6.40	93	343489	26.28	ng	# 1
8) 2-Chlorophenol	6.52	128	275252	36.90	ng	93
9) Benzaldehyde	6.28	77	200648	33.03	ng	90
10) Phenol	6.40	94	301996	29.50	ng	# 50
11) bis(2-Chloroethyl)ether	6.49	93	308400	40.40	ng	# 81
12) 1,3-Dichlorobenzene	6.68	146	312045	38.01	ng	96
13) 1,4-Dichlorobenzene	6.76	146	300596	36.89	ng	96
14) 1,2-Dichlorobenzene	6.91	146	291290m	38.19	ng	
15) Benzyl Alcohol	6.89	79	255683	38.73	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	327754	29.65	ng	90
17) 2-Methylphenol	7.00	107	245138	40.28	ng	96
18) Hexachloroethane	7.26	117	123291	39.12	ng	90
19) n-Nitroso-di-n-propylamine	7.16	70	223198	37.05	ng	93
20) 3+4-Methylphenols	7.16	107	296524	40.60	ng	92
22) Acetophenone	7.15	105	428941	42.60	ng	# 89
24) Nitrobenzene	7.32	77	297082	37.22	ng	# 81
25) Isophorone	7.58	82	612244	41.75	ng	97
26) 2-Nitrophenol	7.64	139	154647	47.25	ng	95
27) 2,4-Dimethylphenol	7.69	122	265882	39.00	ng	87
28) bis(2-Chloroethoxy)methane	7.78	93	365397	38.29	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	231774	42.07	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	258379	42.73	ng	98
31) Naphthalene	8.04	128	804925	39.35	ng	100
32) Benzoic acid	7.84	122	182720	36.91	ng	89
33) 4-Chloroaniline	8.10	127	208291	22.89	ng	95
34) Hexachlorobutadiene	8.17	225	140529	43.41	ng	98
35) Caprolactam	8.48	113	83909m	44.84	ng	
36) 4-Chloro-3-methylphenol	8.59	107	289994	44.51	ng	93
37) 2-Methylnaphthalene	8.74	142	567800	43.11	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	250698	36.69	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	258984	77.22	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	181210	40.22	ng	100

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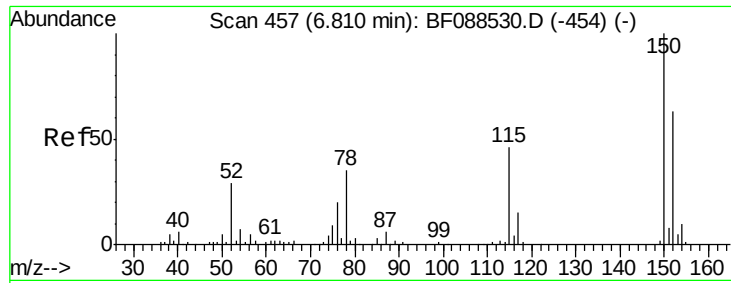
Manual Integrations
 APPROVED

SOHIL
 7/8/2016 7:03:28 AM

Quant Time: Jul 08 04:46:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	169323	43.68	ng	# 87
45) 1,1'-Biphenyl	9.21	154	719675	42.30	ng	97
46) 2-Chloronaphthalene	9.23	162	557037	41.71	ng	97
47) 2-Nitroaniline	9.32	65	163304	34.46	ng	98
48) Acenaphthylene	9.64	152	852239	40.11	ng	99
49) Dimethylphthalate	9.52	163	642524	43.90	ng	100
50) 2,6-Dinitrotoluene	9.58	165	159872	49.28	ng	# 85
51) Acenaphthene	9.82	154	624169m	47.92	ng	
52) 3-Nitroaniline	9.74	138	95546	23.17	ng	90
53) 2,4-Dinitrophenol	9.85	184	167494	116.94	ng	94
54) Dibenzofuran	9.99	168	703274	41.25	ng	# 87
55) 4-Nitrophenol	9.91	139	251624	80.30	ng	94
56) 2,4-Dinitrotoluene	9.98	165	169788	40.03	ng	# 47
57) Fluorene	10.33	166	592537	45.10	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	131560	43.87	ng	# 50
59) Diethylphthalate	10.22	149	620947	42.27	ng	100
60) 4-Chlorophenyl-phenylether	10.32	204	235625	38.60	ng	# 85
61) 4-Nitroaniline	10.35	138	149028	37.56	ng	82
62) Azobenzene	10.48	77	694624	41.46	ng	94
64) 4,6-Dinitro-2-methylphenol	10.39	198	113522	56.69	ng	# 69
65) n-Nitrosodiphenylamine	10.44	169	495122	39.08	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	161009	42.68	ng	# 83
67) Hexachlorobenzene	10.88	284	184847	44.26	ng	# 73
68) Atrazine	10.98	200	178326	45.17	ng	99
69) Pentachlorophenol	11.07	266	227819	92.18	ng	98
70) Phenanthrene	11.29	178	862258	42.13	ng	98
71) Anthracene	11.34	178	850643	41.80	ng	100
72) Carbazole	11.48	167	813505	42.48	ng	99
73) Di-n-butylphthalate	11.83	149	909282	40.82	ng	# 99
74) Fluoranthene	12.47	202	958827	46.22	ng	96
76) Benzidine	12.59	184	556594	40.61	ng	97
77) Pyrene	12.70	202	941072	40.94	ng	99
79) Butylbenzylphthalate	13.33	149	446523	43.55	ng	96
80) Benzo(a)anthracene	13.87	228	751909	43.07	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	150620	22.95	ng	# 94
82) Chrysene	13.92	228	745116	43.14	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	561471	47.96	ng	# 99
84) Di-n-octyl phthalate	14.49	149	942717	47.40	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	638211	48.03	ng	# 100
87) Benzo(b)fluoranthene	14.89	252	884901m	54.72	ng	
88) Benzo(k)fluoranthene	14.91	252	506729m	35.99	ng	
89) Benzo(a)pyrene	15.21	252	656466	47.94	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	528402	46.21	ng	96
91) Benzo(g,h,i)perylene	16.98	276	508401	42.97	ng	97

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



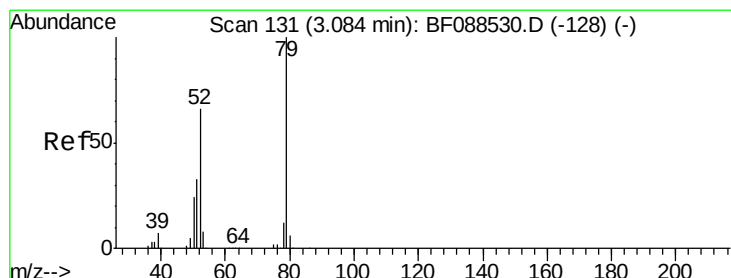
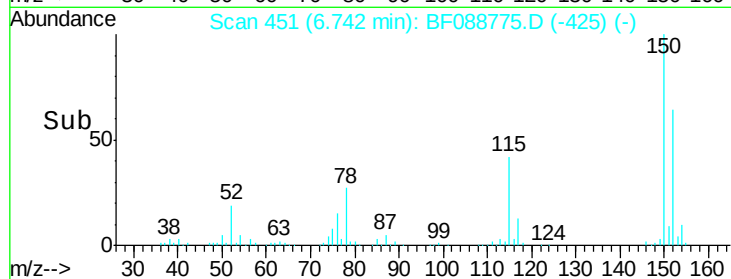
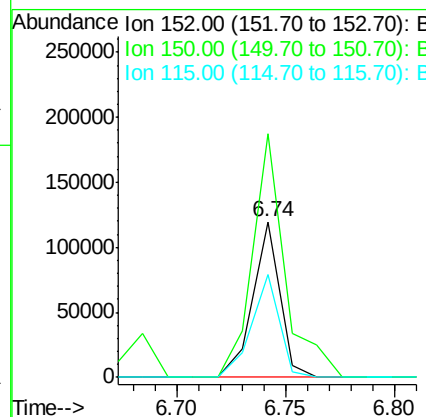
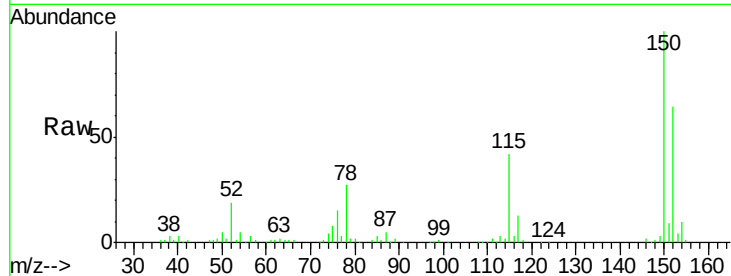
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampled :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.6
115	66.0	39.6	59.4

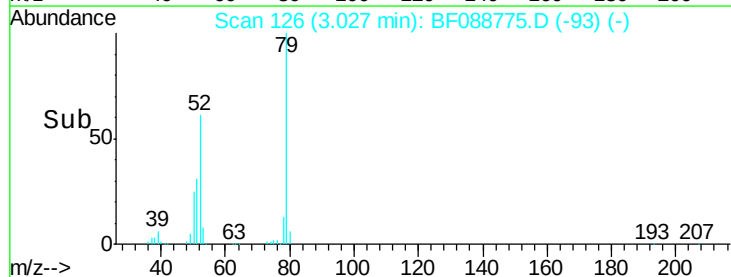
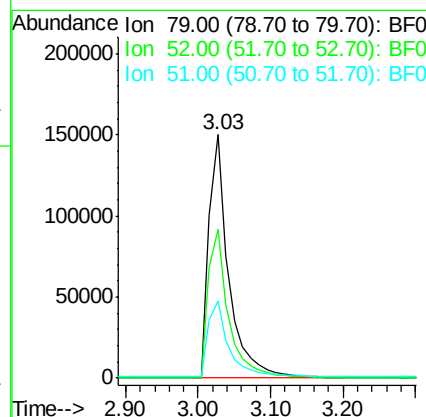
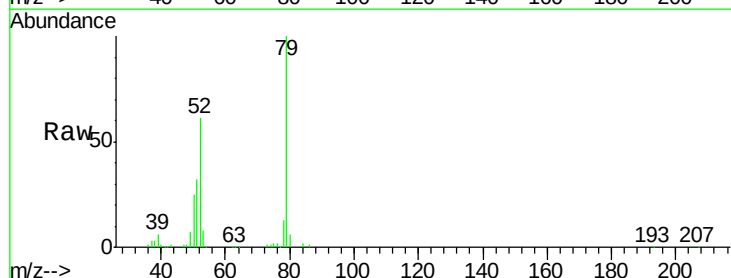
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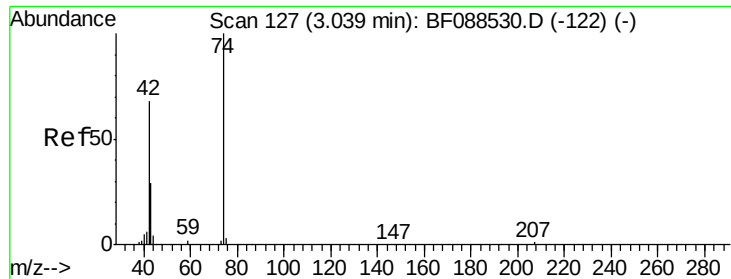
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7/8/2016 7:03:28 AM



#3
Pyridine
Concen: 28.71 ng
RT: 3.03 min Scan# 126
Delta R.T. 0.08 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.0	56.3	84.5
51	31.7	27.4	41.2





#4

n-Nitrosodimethylamine

Concen: 32.05 ng

RT: 2.99 min Scan# 123

Delta R.T. 0.08 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

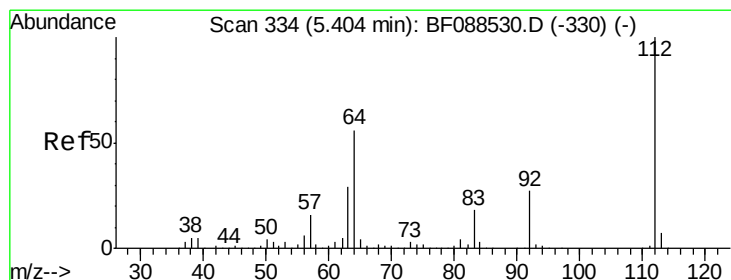
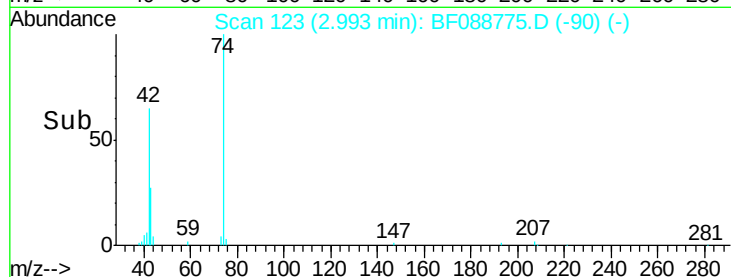
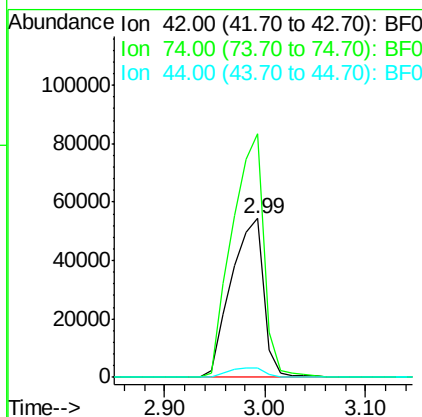
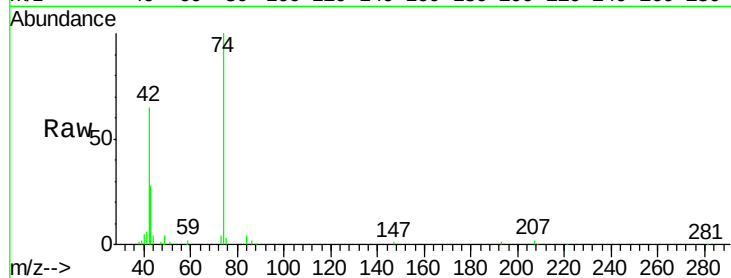
ClientSampleId :

PB91776BS

Tgt Ion:	42	Resp:	122266
Ion Ratio	Lower	Upper	
42	100		
74	153.4	108.6	163.0
44	6.3	5.5	8.3

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7/8/2016 7:03:28 AM



#5

2-Fluorophenol

Concen: 102.43 ng

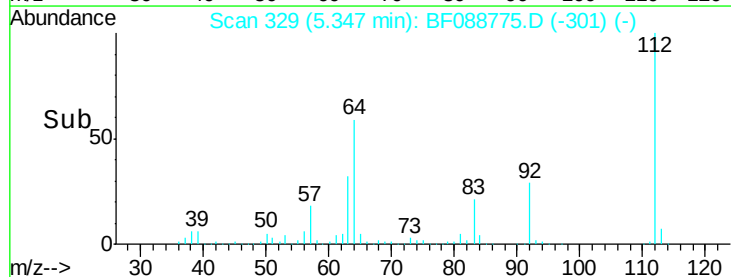
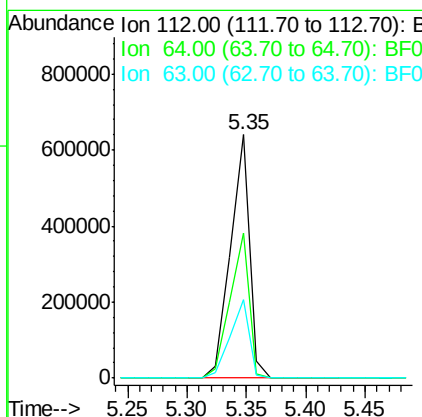
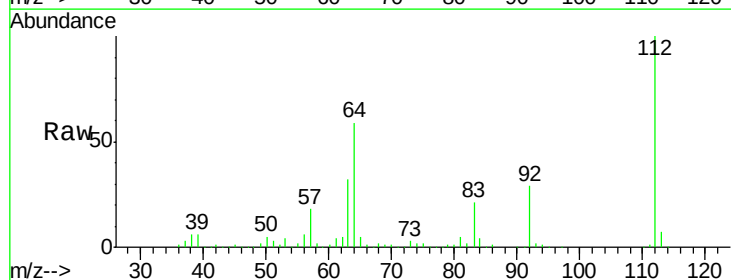
RT: 5.35 min Scan# 329

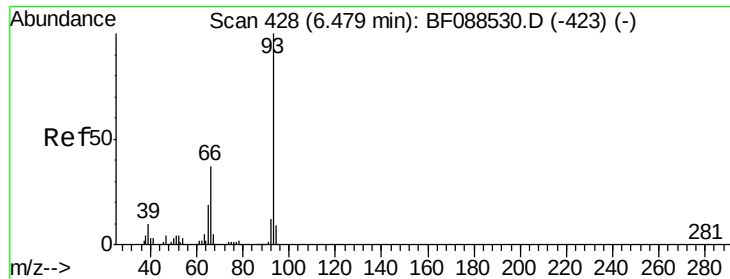
Delta R.T. 0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:	112	Resp:	710997
Ion Ratio	Lower	Upper	
112	100		
64	59.5	42.2	63.2
63	32.2	21.8	32.8





#6

Aniline

Concen: 26.28 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

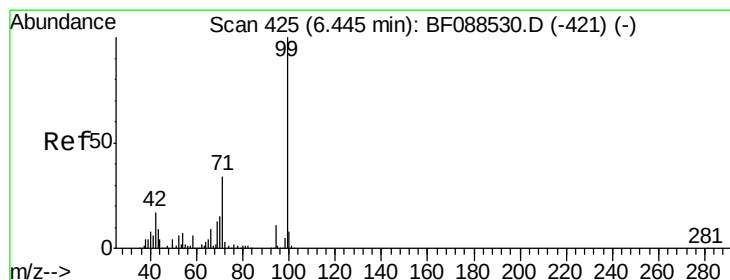
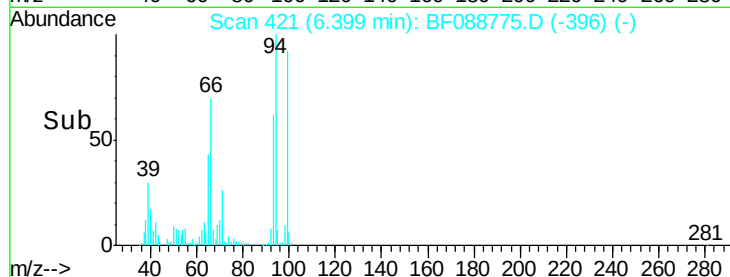
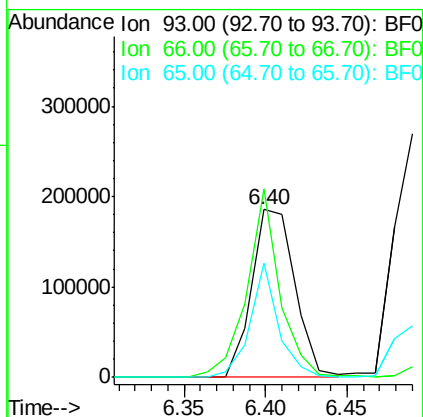
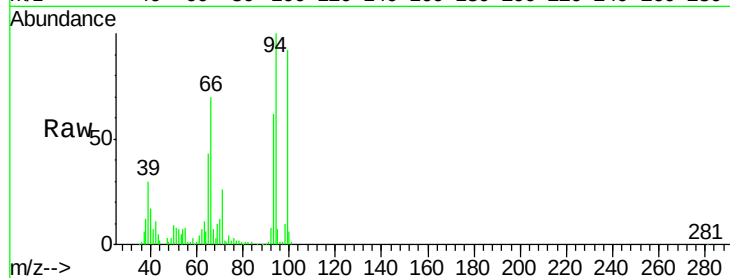
ClientSampleId :

PB91776BS

Tgt Ion:	93	Resp:	343489
Ion Ratio	Lower	Upper	
93	100		
66	112.0	29.8	44.8#
65	68.4	14.9	22.3#

Manual Integrations
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#7

Phenol-d6

Concen: 105.63 ng

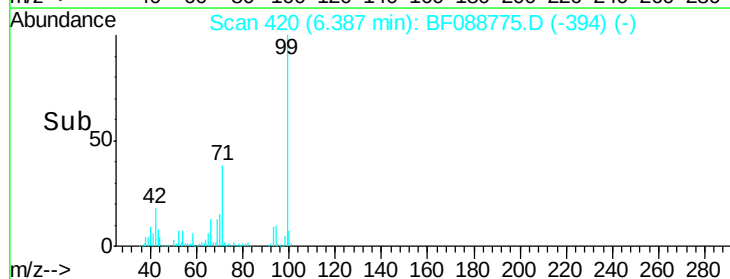
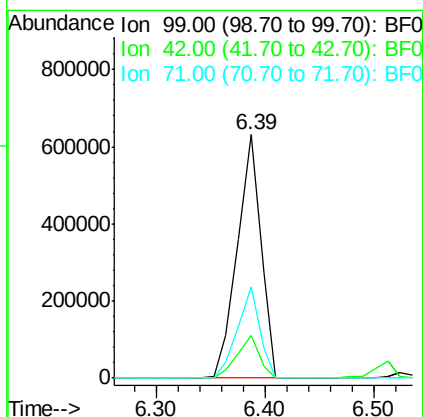
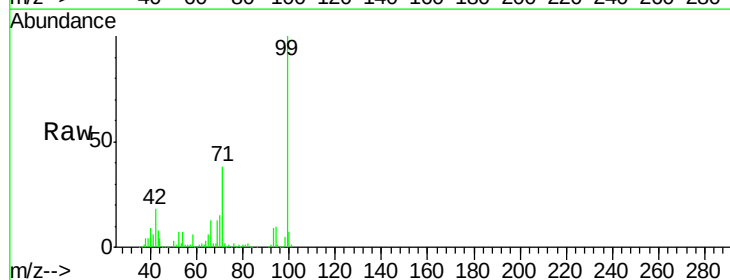
RT: 6.39 min Scan# 420

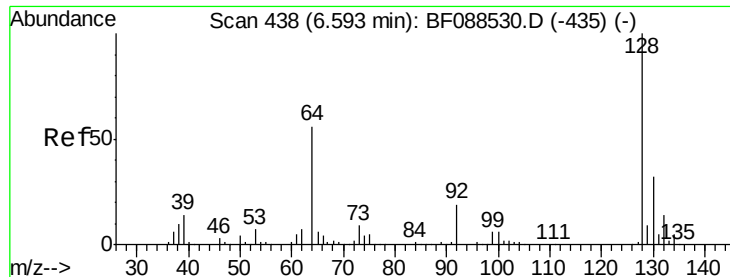
Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:	99	Resp:	947388
Ion Ratio	Lower	Upper	
99	100		
42	17.6	12.2	18.2
71	37.7	23.4	35.0#





#8

2-Chlorophenol

Concen: 36.90 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

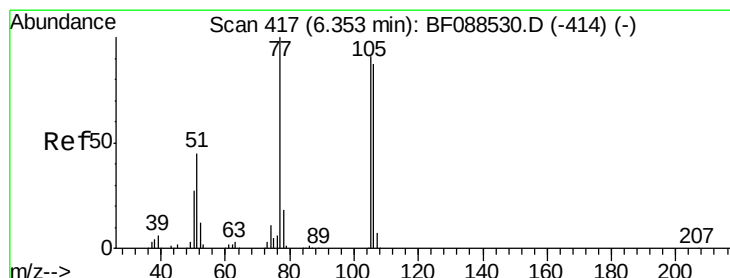
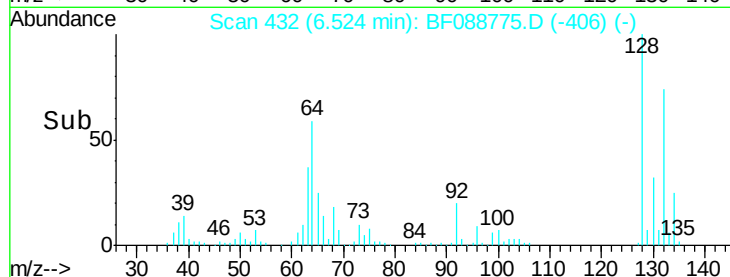
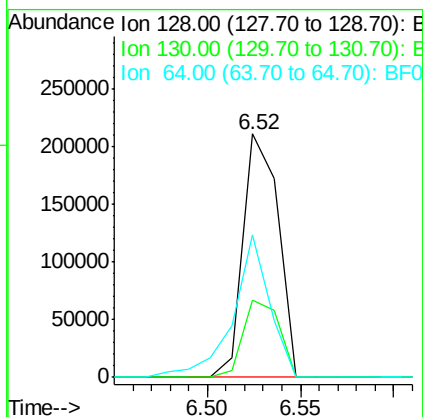
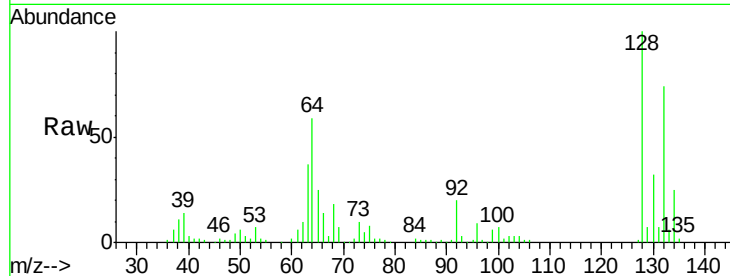
ClientSampleId :

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Tgt Ion:	128	Resp:	275252
Ion Ratio		Lower	Upper
128	100		
130	32.0	12.0	52.0
64	58.5	30.8	70.8

Manual Integrations
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7/8/2016 7:03:28 AM



#9

Benzaldehyde

Concen: 33.03 ng

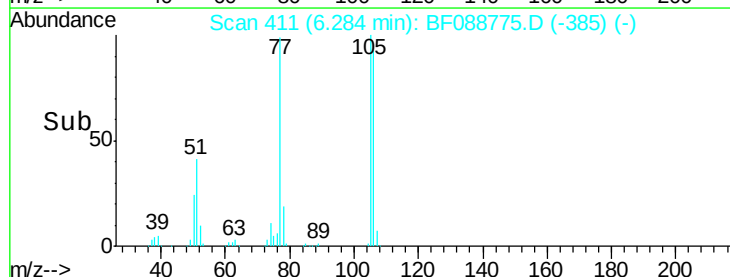
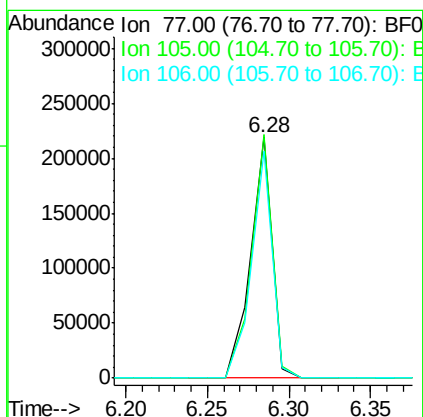
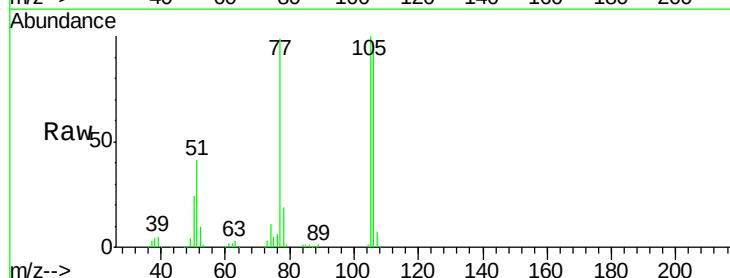
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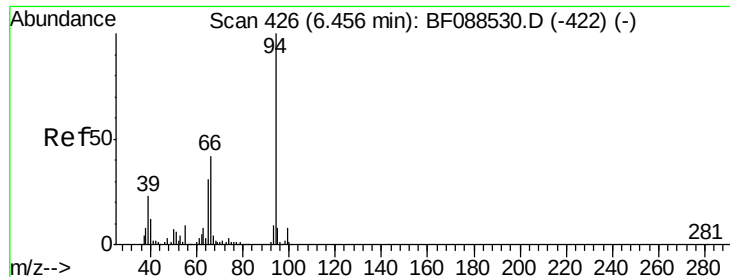
Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:	77	Resp:	200648
Ion Ratio		Lower	Upper
77	100		
105	101.1	90.6	130.6
106	94.2	85.3	125.3





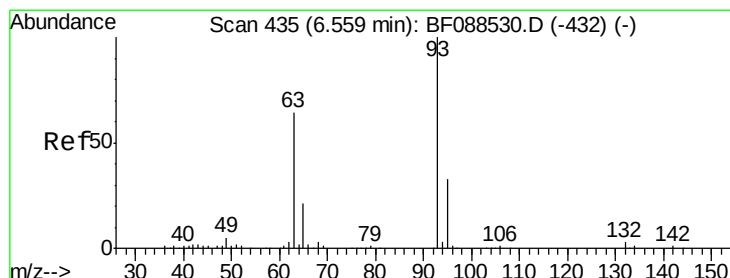
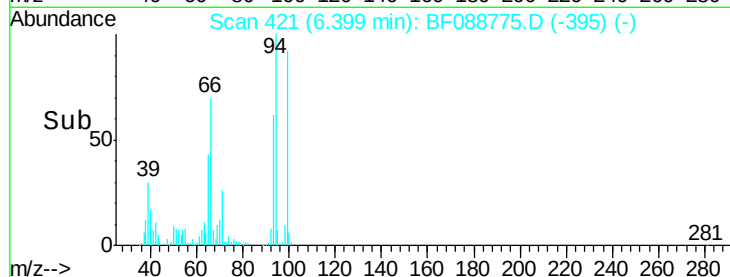
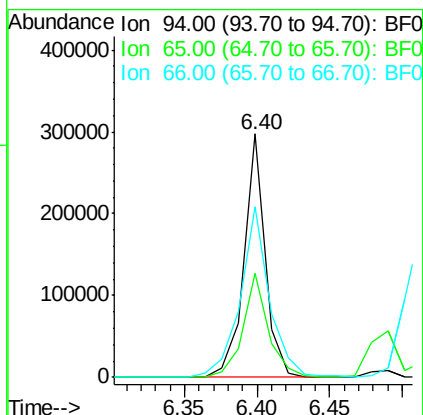
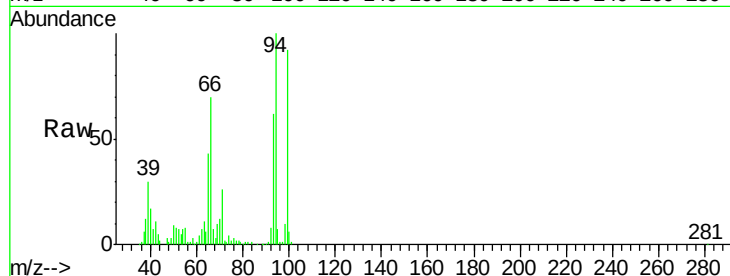
#10
Phenol
Concen: 29.50 ng
RT: 6.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.7	5.9	45.9
66	70.0	14.0	54.0#

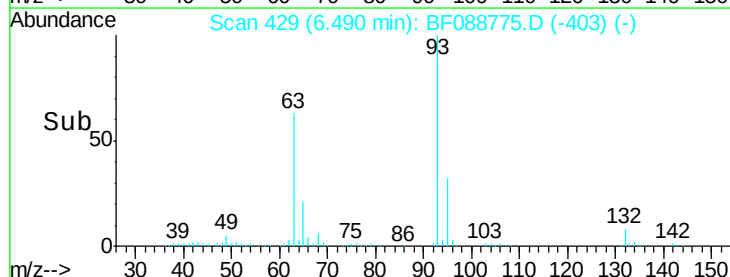
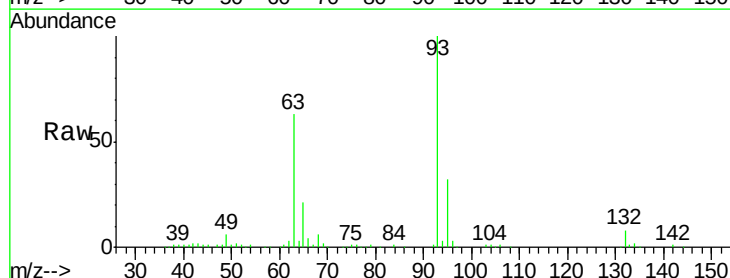
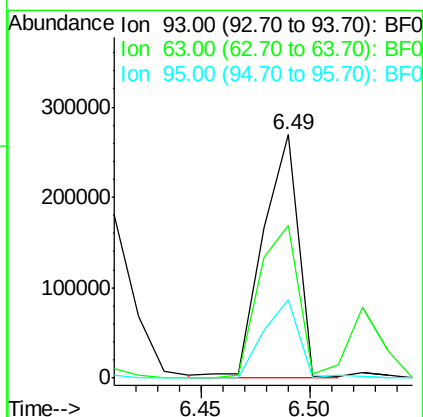
Manual Integrations
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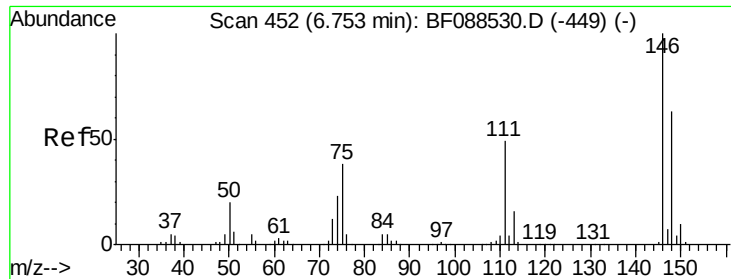
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#11
bis(2-Chloroethyl)ether
Concen: 40.40 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
93	100		
63	62.9	67.6	107.6#
95	32.4	12.5	52.5





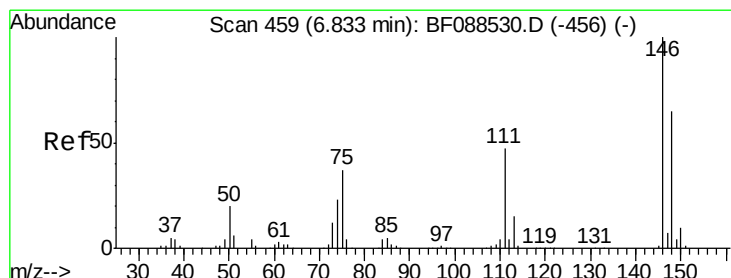
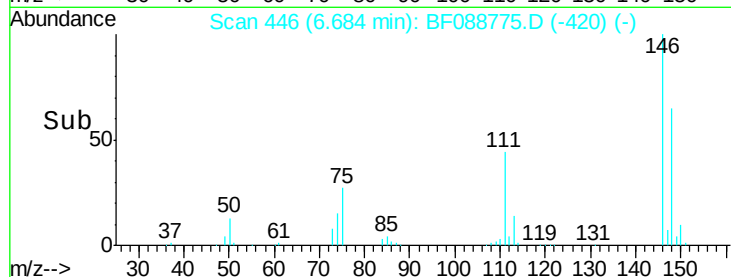
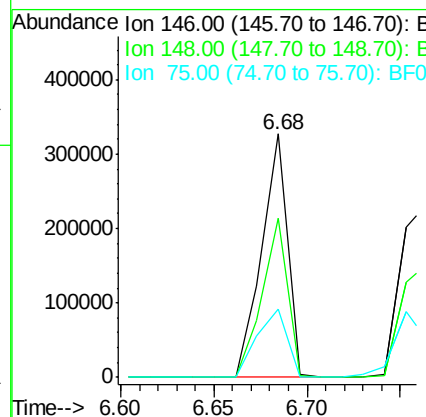
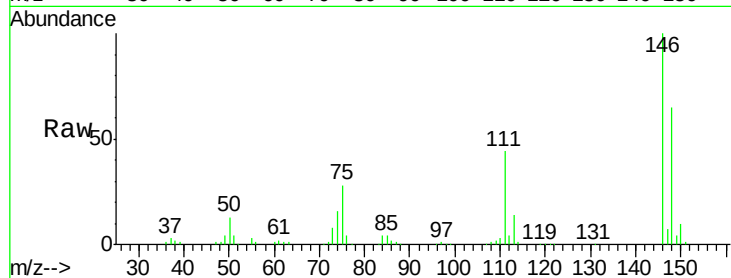
#12
 1,3-Dichlorobenzene
 Concen: 38.01 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
75	27.8	25.6	38.4

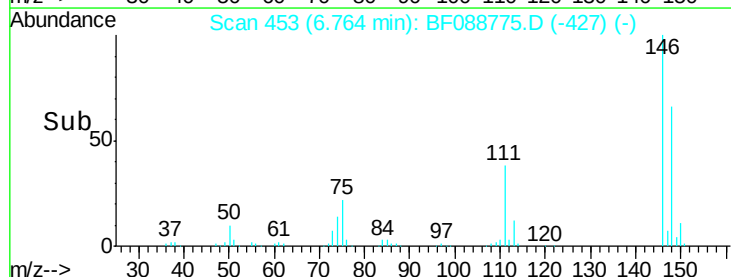
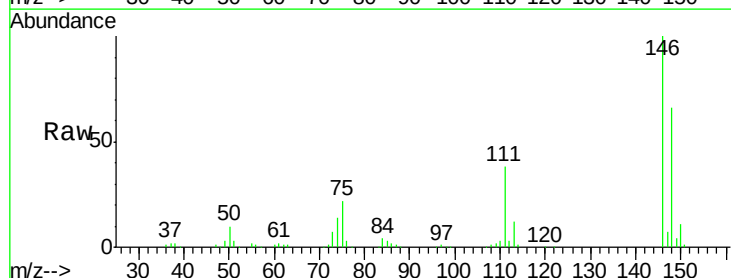
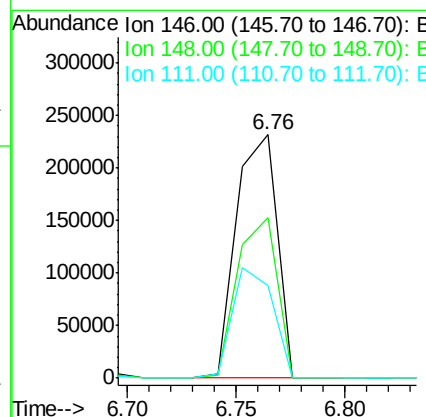
Manual Integrations
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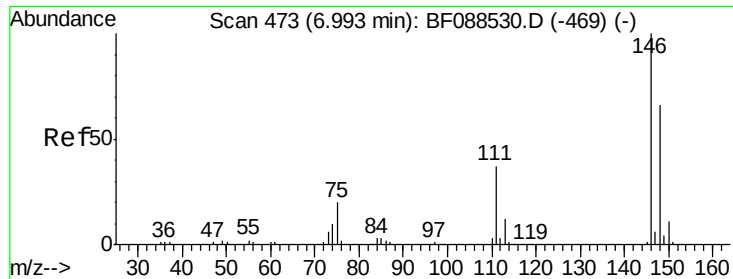
SOHIL
 7/8/2016 7:03:28 AM



#13
 1,4-Dichlorobenzene
 Concen: 36.89 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.0	78.0
111	37.9	33.8	50.8





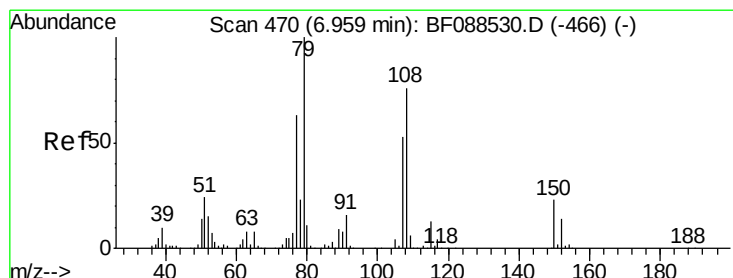
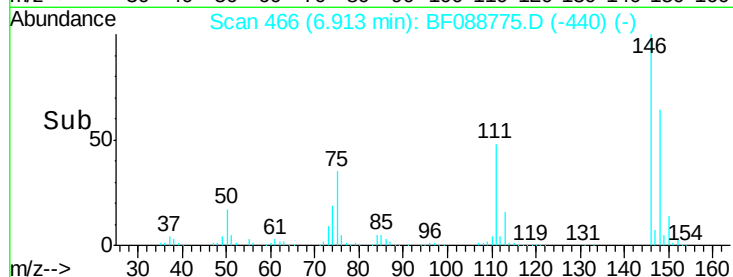
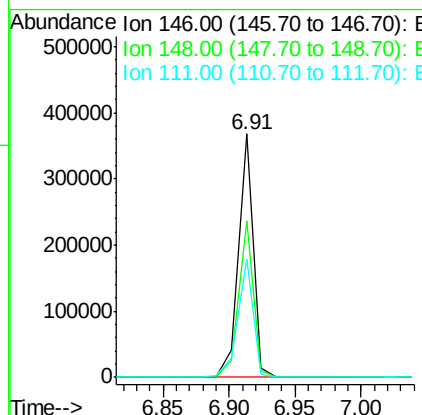
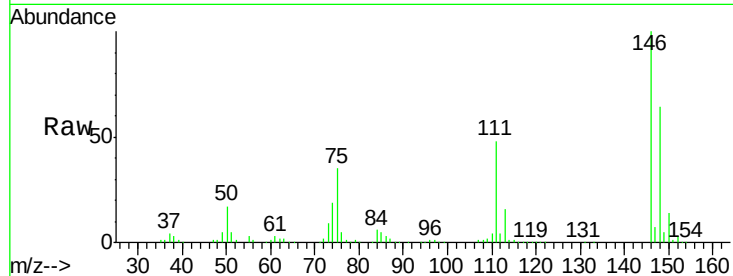
#14
1,2-Dichlorobenzene
Concen: 38.19 ng m
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 146 Resp: 291290
Ion Ratio Lower Upper
146 100
148 64.3 52.3 78.5
111 48.4 28.7 43.1#

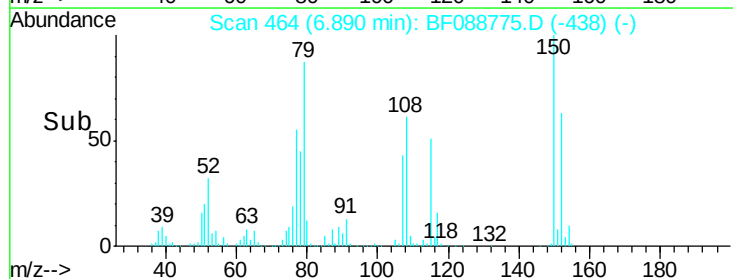
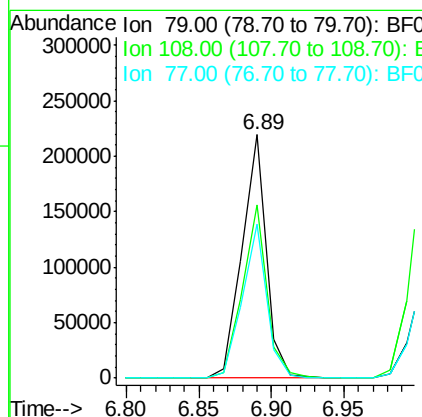
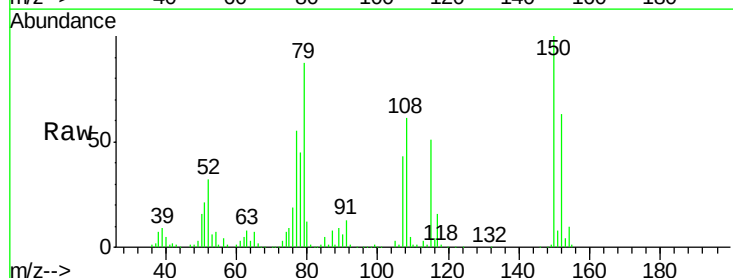
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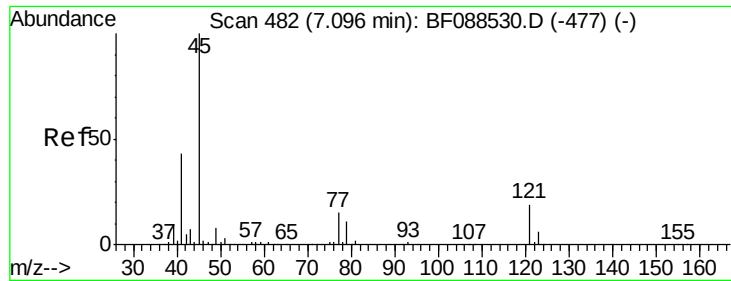
SOHIL
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#15
Benzyl Alcohol
Concen: 38.73 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion: 79 Resp: 255683
Ion Ratio Lower Upper
79 100
108 71.1 65.0 97.6
77 63.3 50.3 75.5





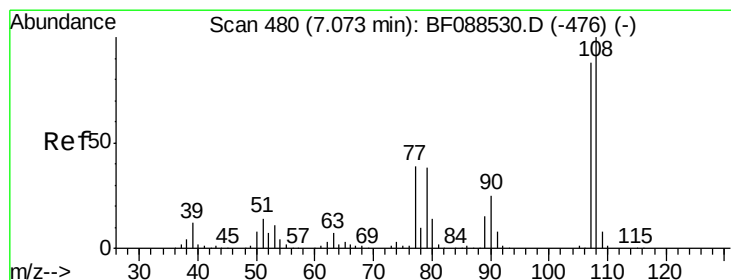
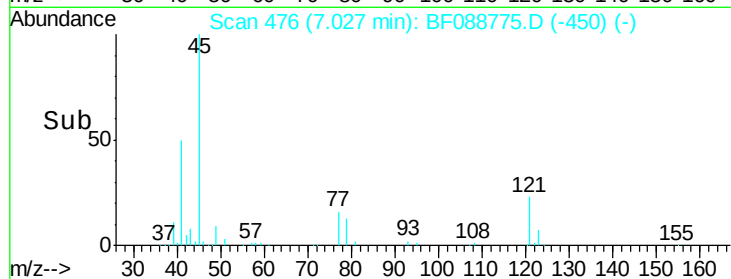
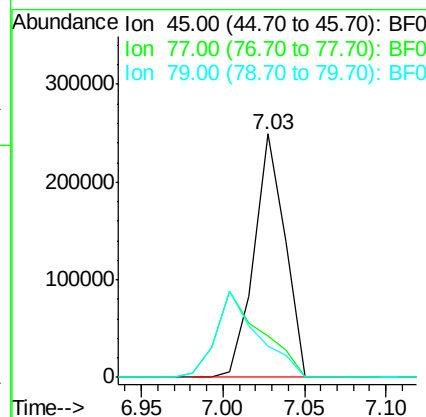
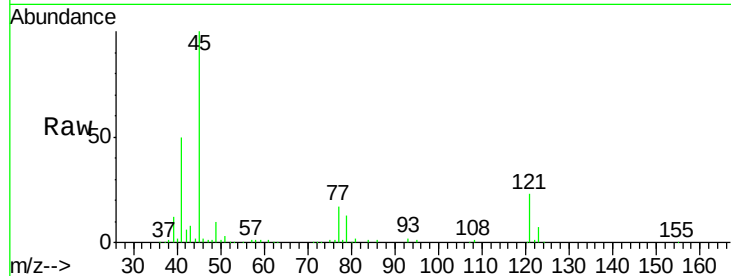
#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.65 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	32.5
79	13.0	0.0	29.5

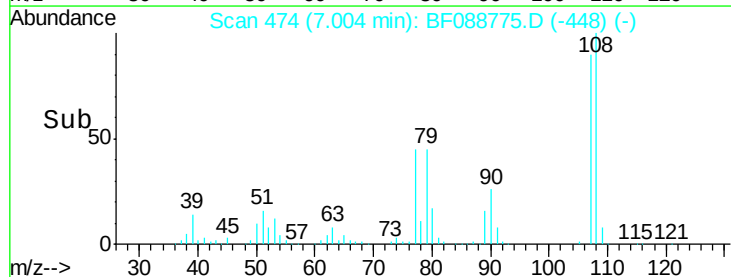
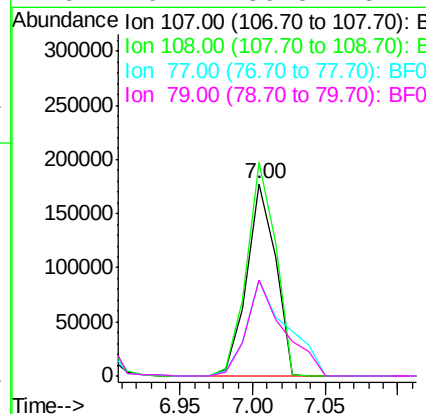
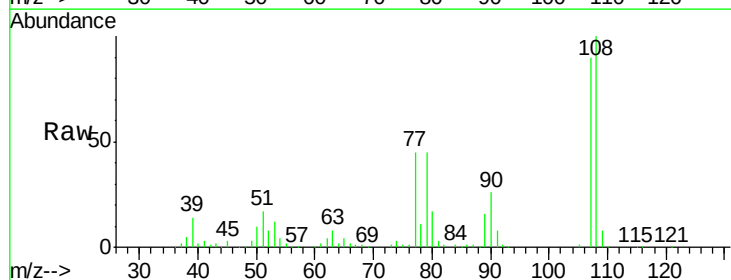
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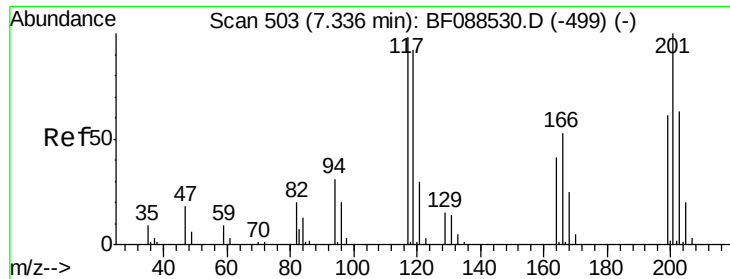
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#17
2-Methylphenol
Concen: 40.28 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.9	136.3
77	49.7	36.6	55.0
79	49.7	36.5	54.7





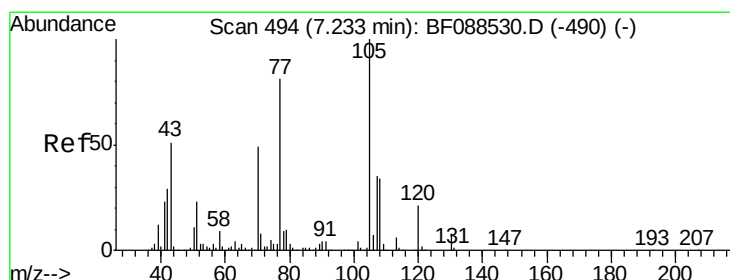
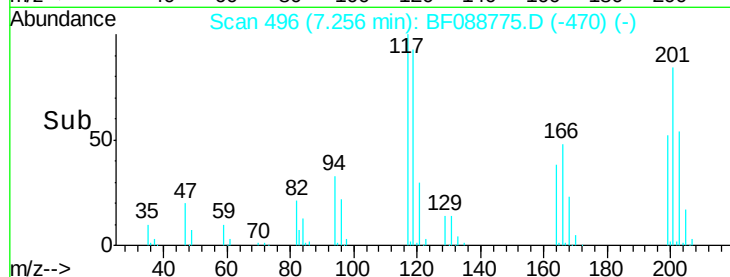
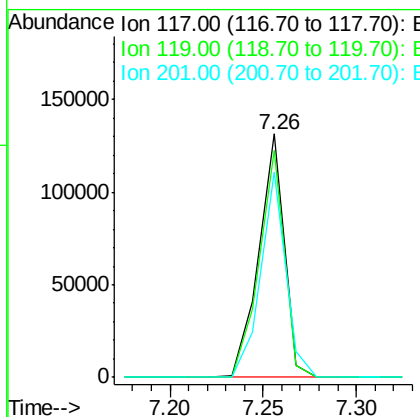
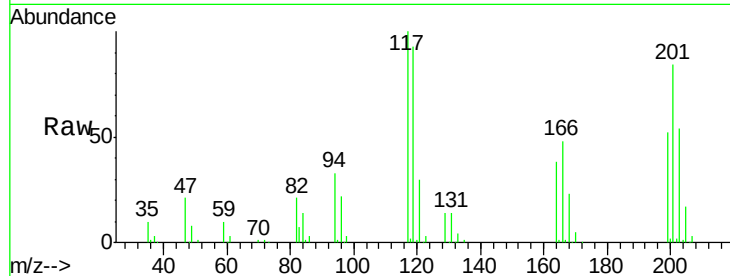
#18
Hexachloroethane
Concen: 39.12 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123291		
119	93.2		77.4	116.2
201	84.2		80.4	120.6

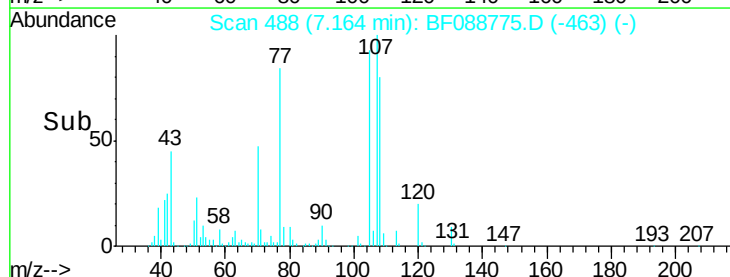
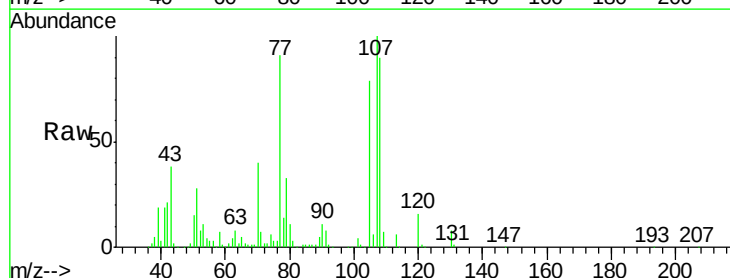
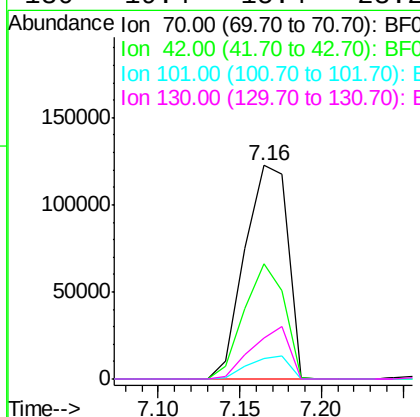
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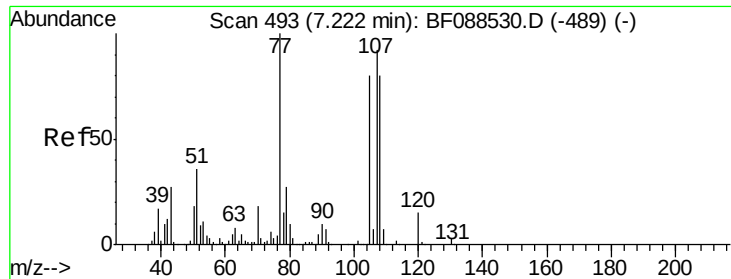
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#19
n-Nitroso-di-n-propylamine
Concen: 37.05 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	223198		
42	53.9		49.6	74.4
101	9.5		7.1	10.7
130	19.4		15.4	23.2





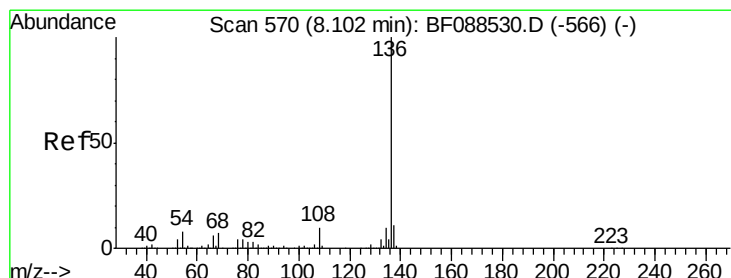
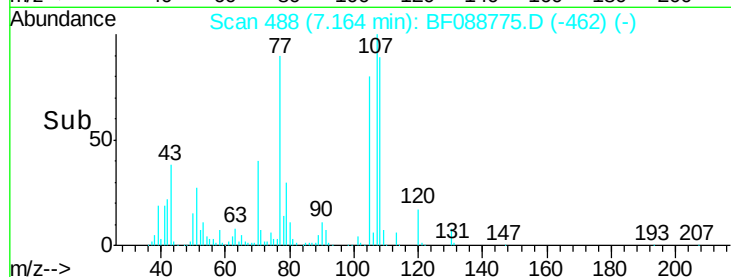
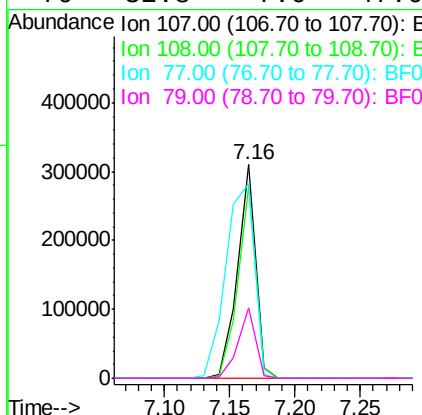
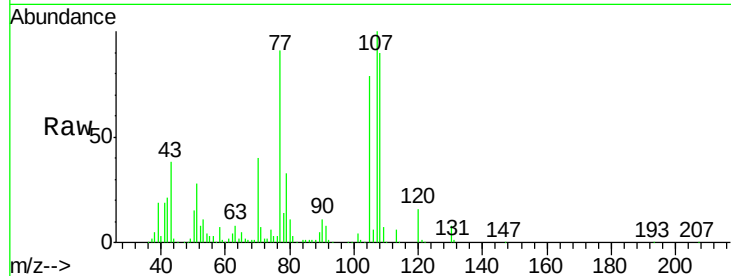
#20
3+4-Methylphenols
Concen: 40.60 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	296524		
108	89.8	67.8	107.8	
77	91.0	59.3	99.3	
79	32.8	7.0	47.0	

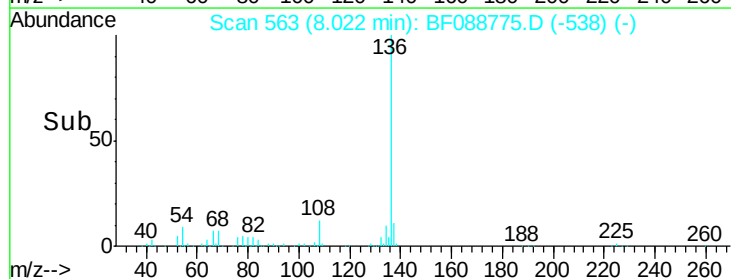
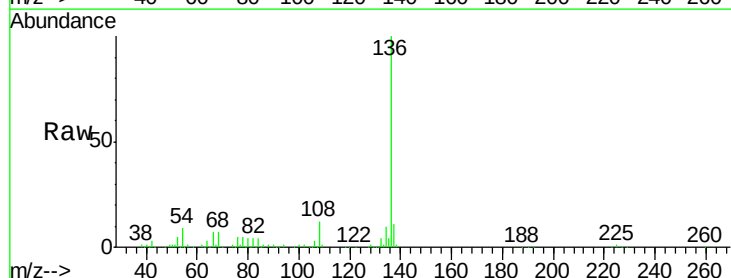
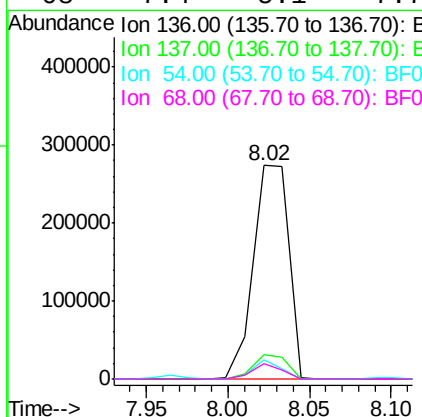
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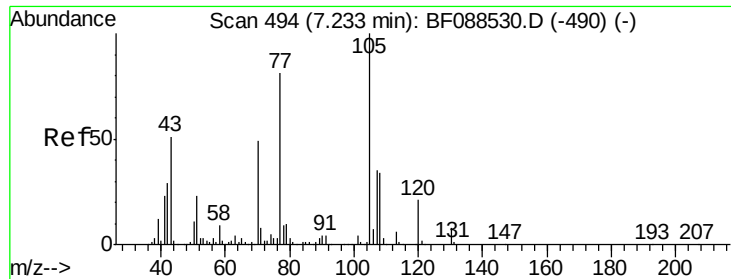
SOHIL
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	414884		
137	11.3	9.1	13.7	
54	9.2	6.6	10.0	
68	7.4	5.1	7.7	





#22

Acetophenone

Concen: 42.60 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

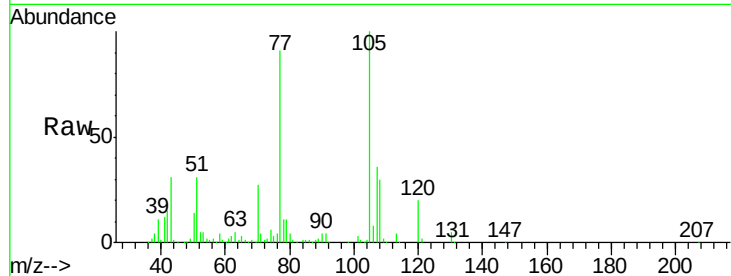
ClientSampleId :

PB91776BS

Tgt Ion:	105	Resp:	428941
Ion Ratio	Lower	Upper	
105	100		
71	4.4	5.3	7.9#
51	30.6	18.2	27.4#
120	19.5	18.0	27.0

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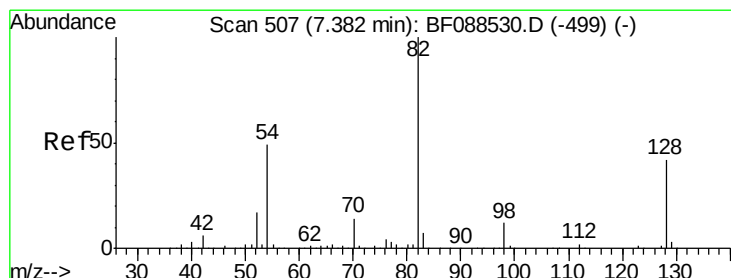
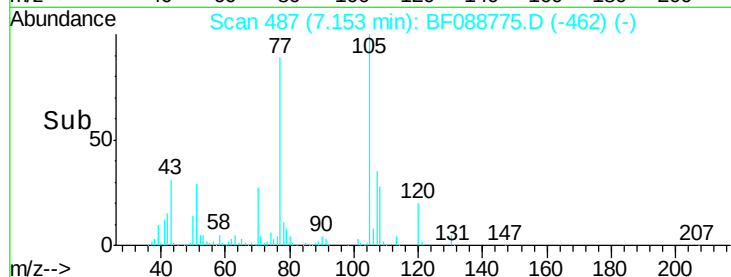
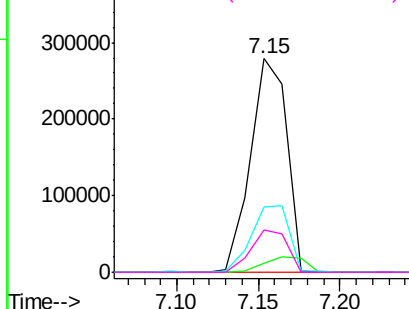


Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.07 ng

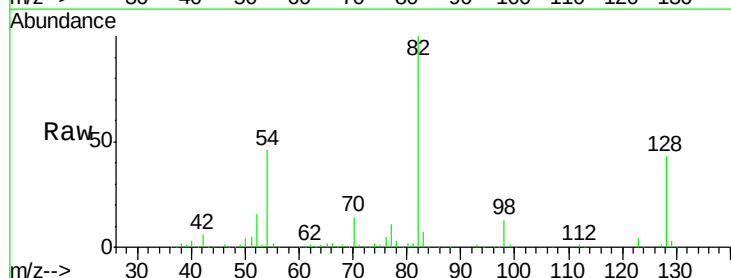
RT: 7.31 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

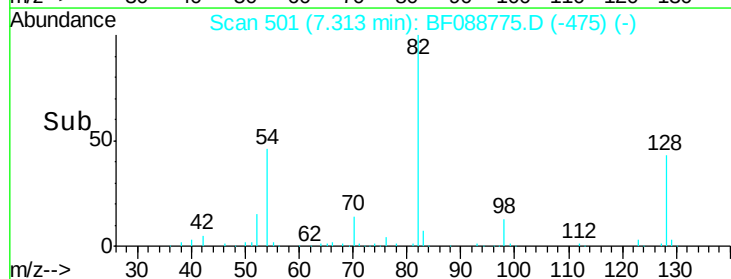
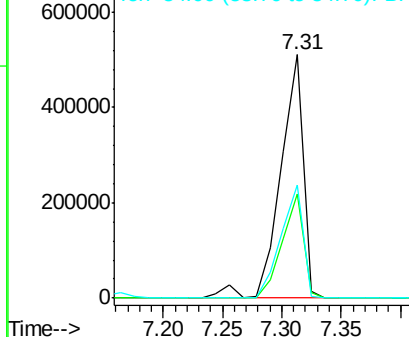
Tgt Ion:	82	Resp:	673486
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.9	53.9
54	46.3	40.9	61.3

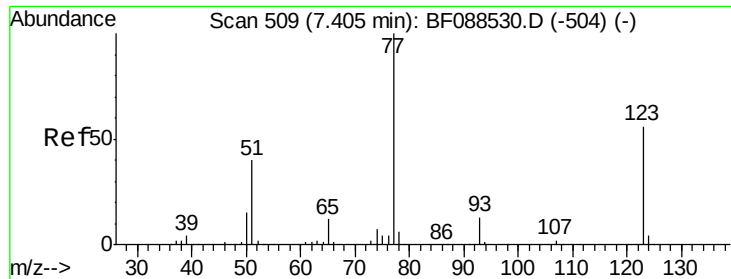


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





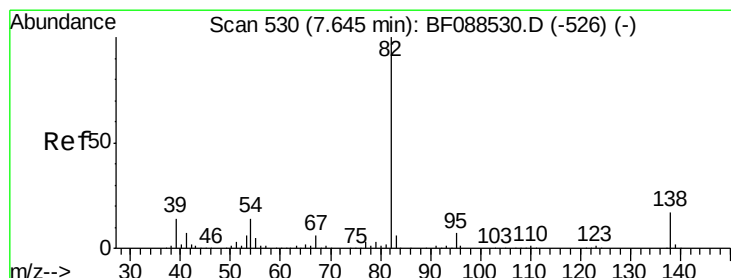
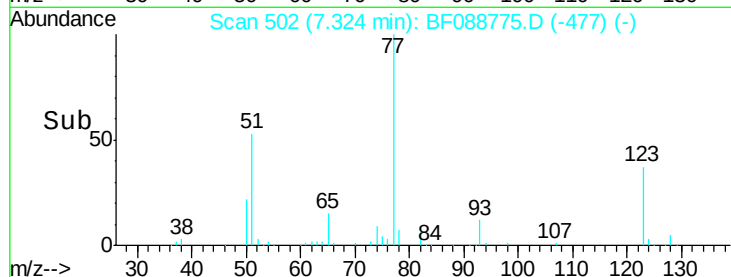
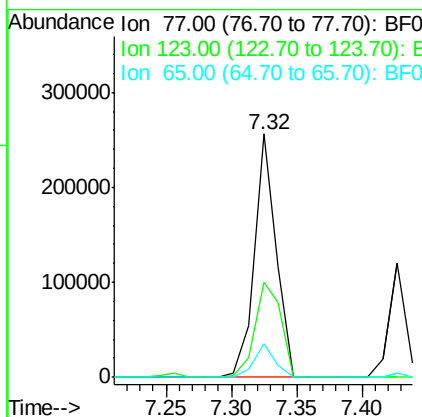
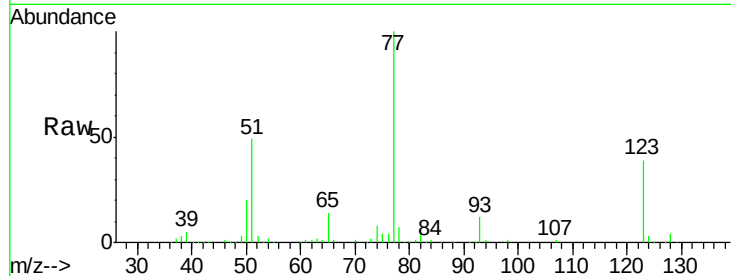
#24
 Nitrobenzene
 Concen: 37.22 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	45.0	67.4#
65	13.6	10.2	15.2

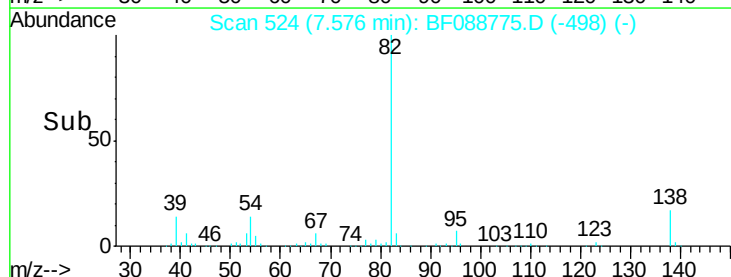
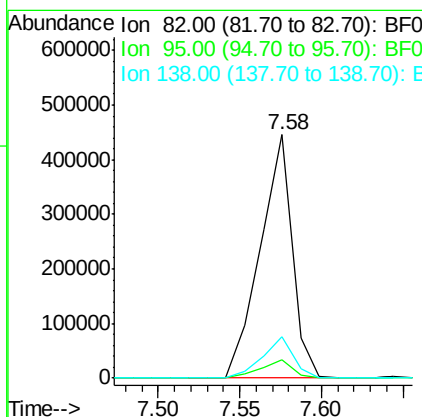
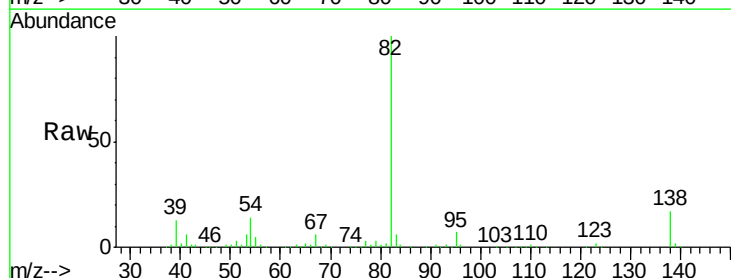
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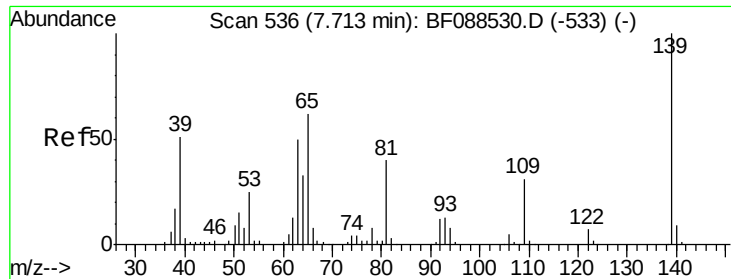
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#25
 Isophorone
 Concen: 41.75 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.4	8.2
138	16.9	14.6	21.8





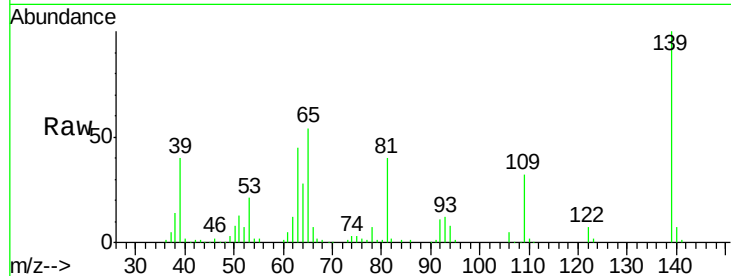
#26
2-Nitrophenol
Concen: 47.25 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

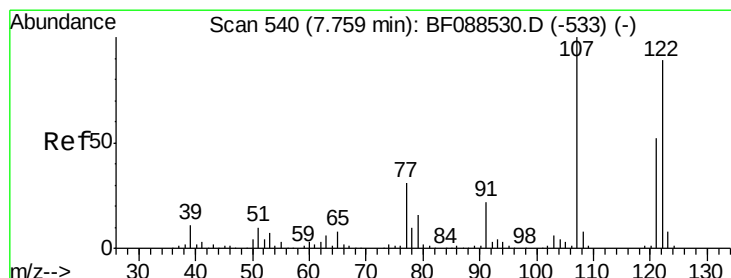
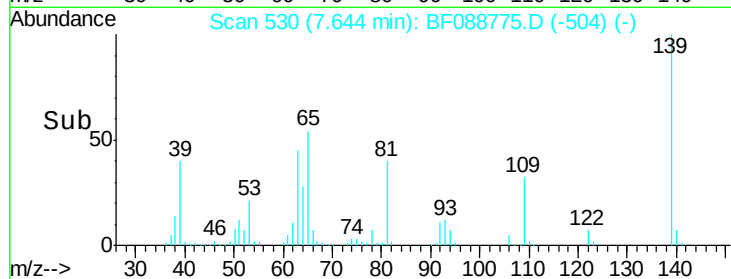
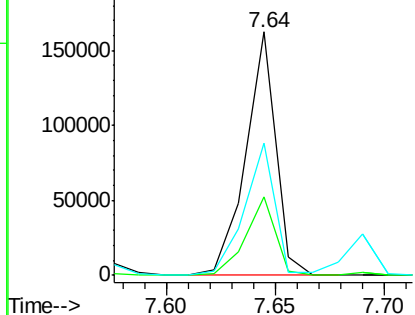
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	154647		
109	32.3	23.0	34.4	
65	54.5	45.8	68.8	

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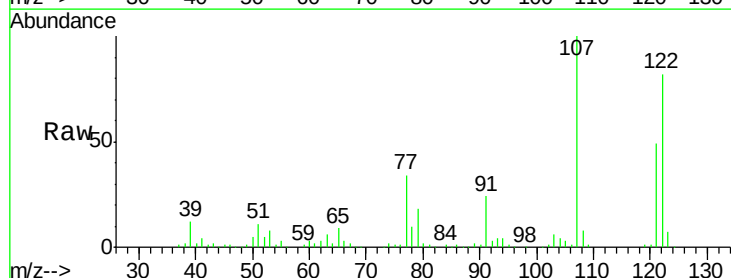


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

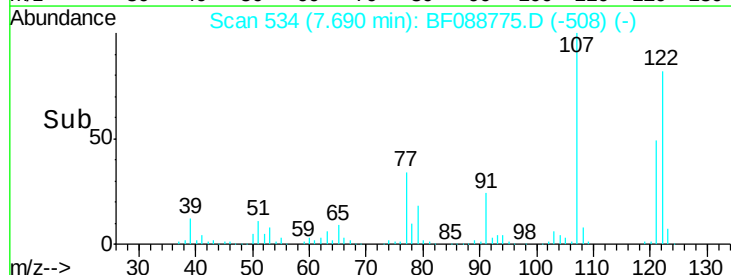
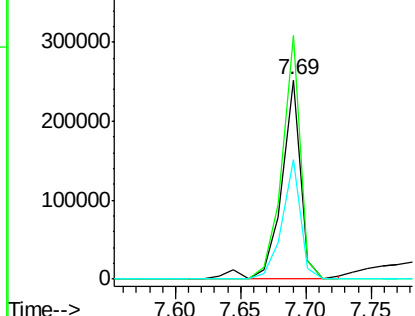


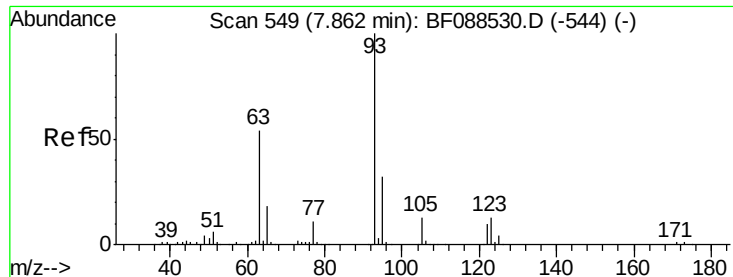
#27
2,4-Dimethylphenol
Concen: 39.00 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	265882		
107	122.2	82.4	123.6	
121	60.0	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





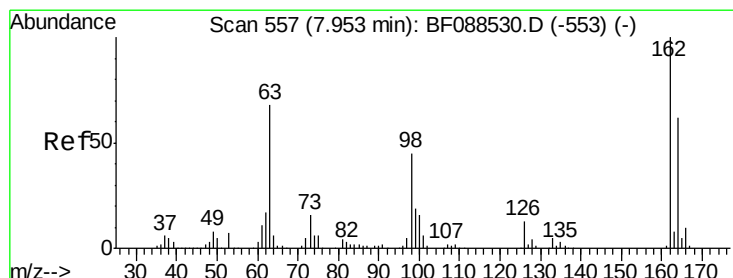
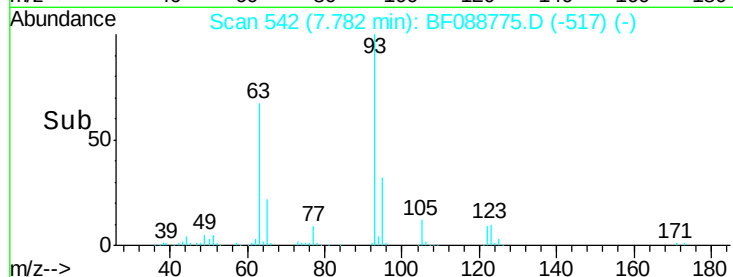
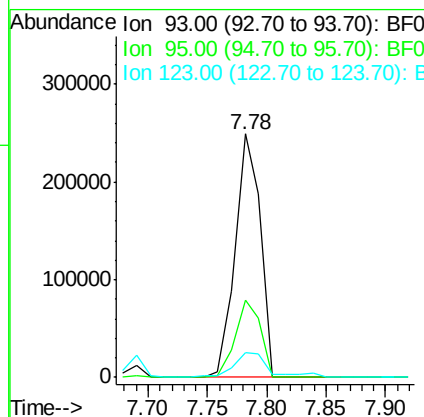
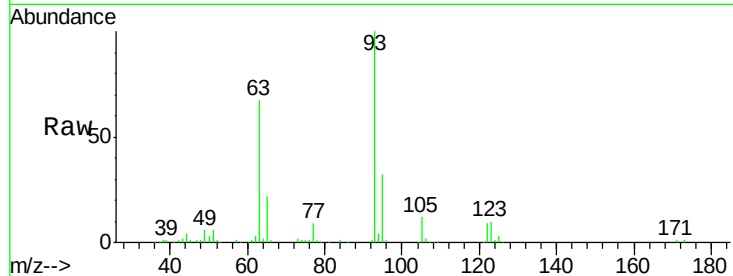
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.29 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	365397		
95	31.9	26.5	39.7	
123	10.3	11.6	17.4#	

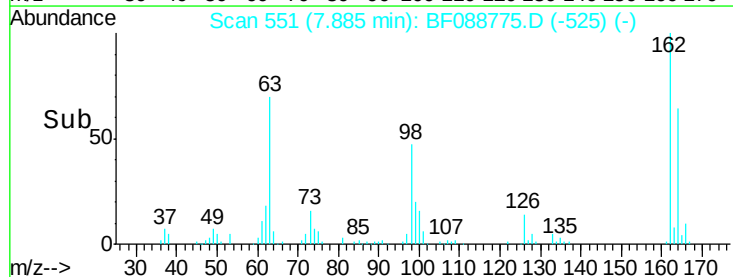
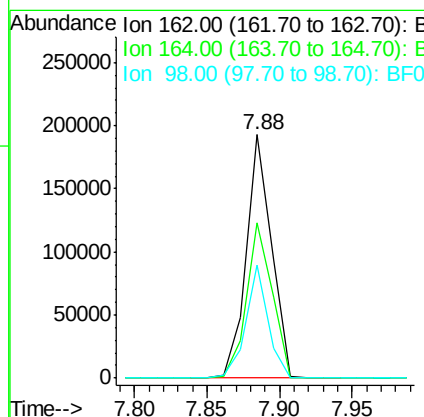
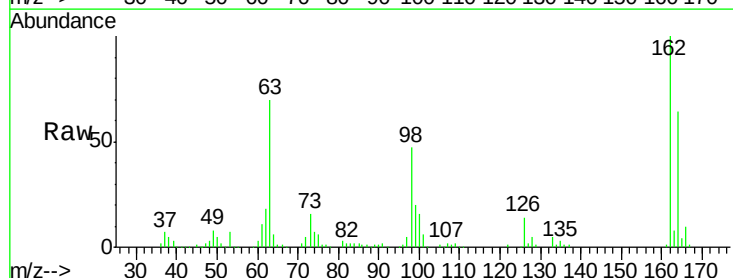
Manual Integrations
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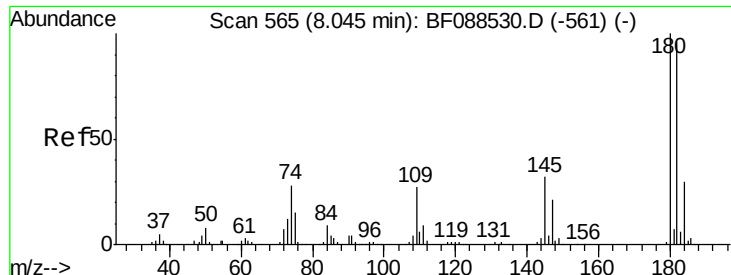
SOHIL
 7/8/2016 7:03:28 AM



#29
 2,4-Dichlorophenol
 Concen: 42.07 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	231774		
164	63.5	43.8	83.8	
98	46.6	21.3	61.3	





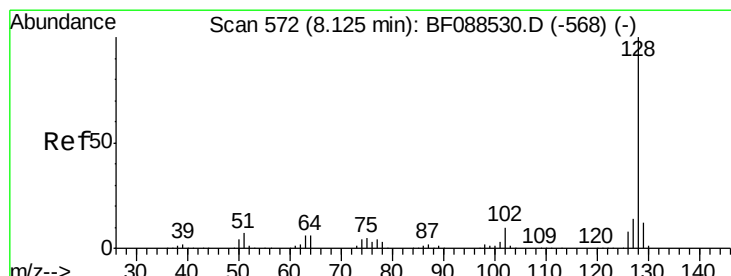
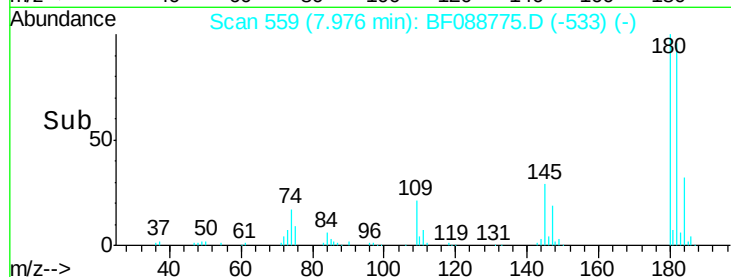
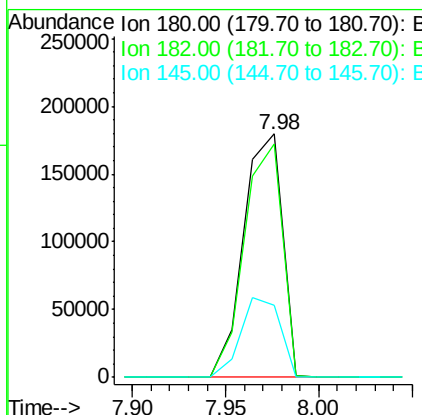
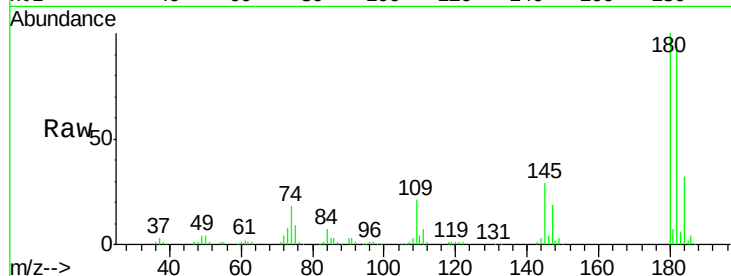
#30
 1,2,4-Trichlorobenzene
 Concen: 42.73 ng
 RT: 7.98 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258379		
182	95.9	76.0	114.0	
145	29.4	26.5	39.7	

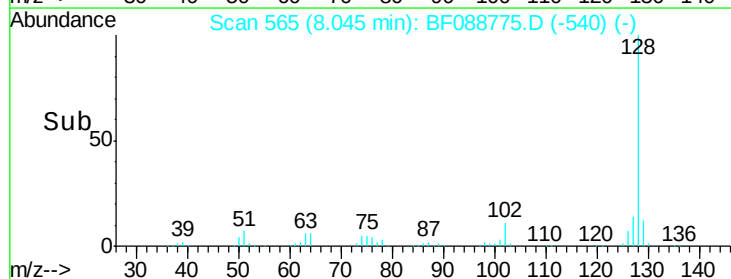
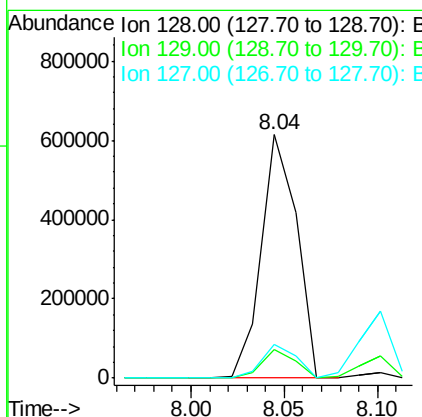
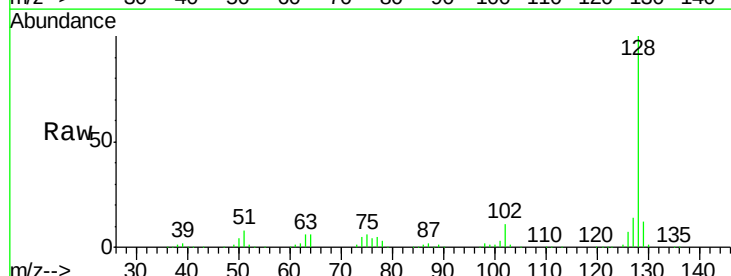
Manual Integrations
 APPROVED

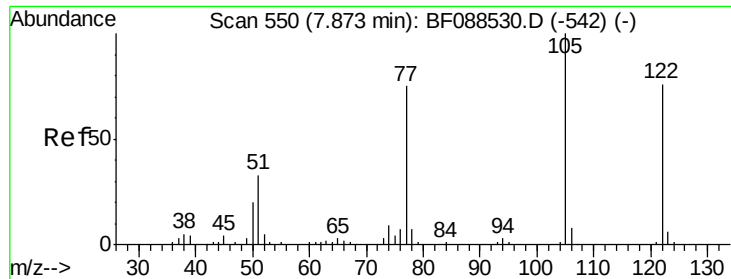
SOHIL
 7/8/2016 7:03:28 AM



#31
 Naphthalene
 Concen: 39.35 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	804925		
129	11.7	9.4	14.2	
127	13.7	10.9	16.3	





#32

Benzoic acid

Concen: 36.91 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

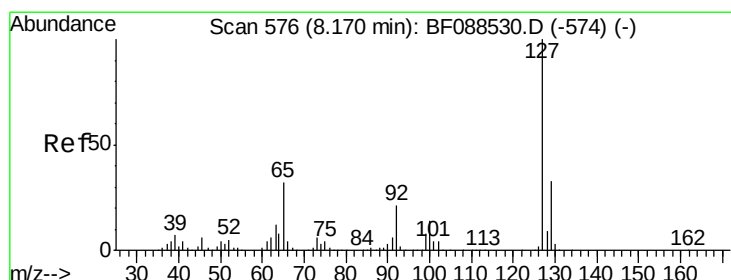
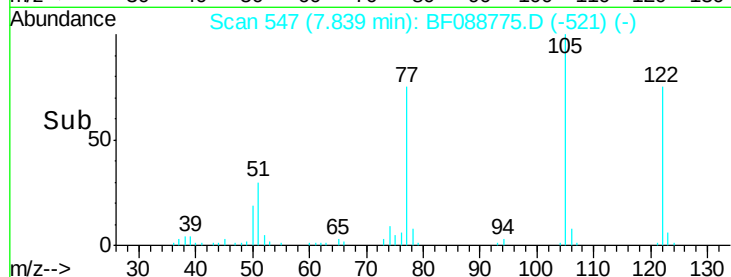
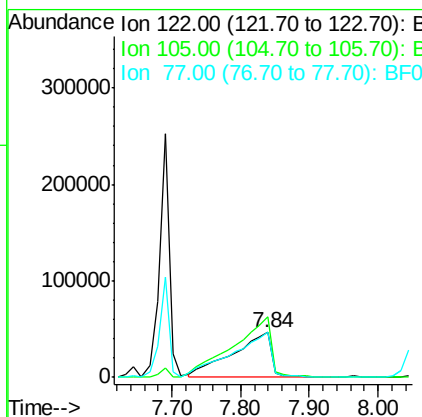
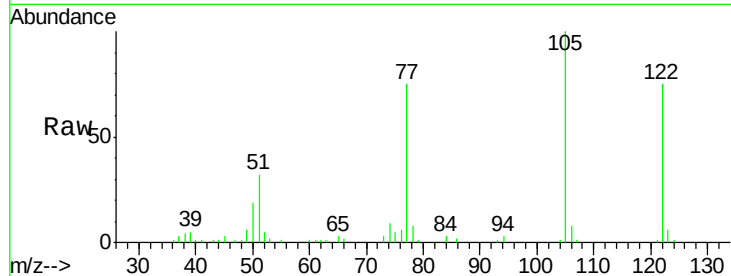
ClientSampleId :

PB91776BS

Tgt Ion:	122	Resp:	182720
Ion Ratio	Lower	Upper	
122	100		
105	133.8	101.6	141.6
77	100.4	70.6	110.6

Manual Integrations
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#33

4-Chloroaniline

Concen: 22.89 ng

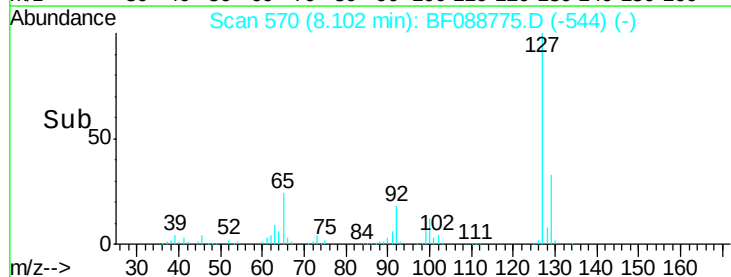
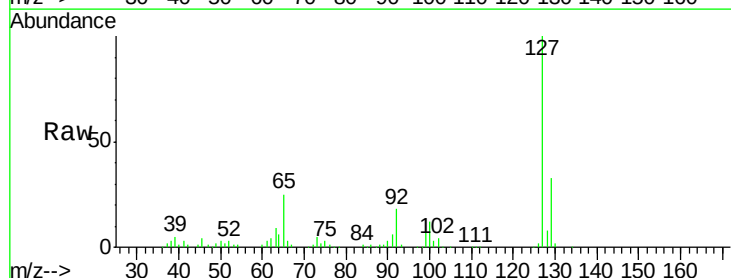
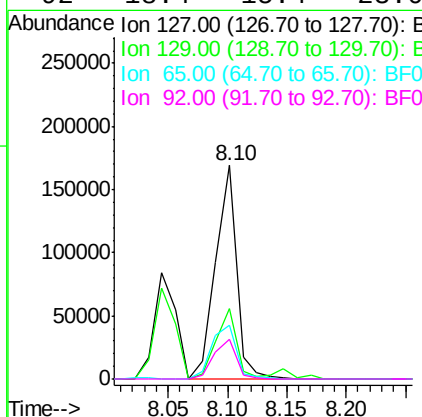
RT: 8.10 min Scan# 570

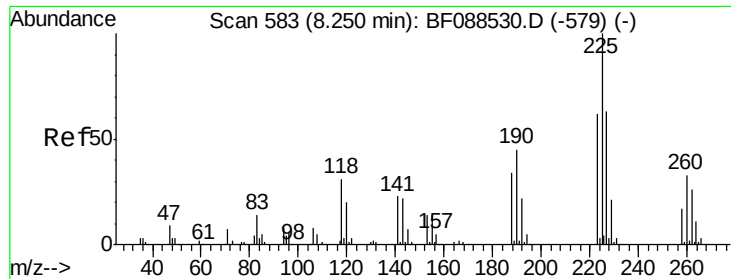
Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:	127	Resp:	208291
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.3	39.5
65	25.0	24.7	37.1
92	18.4	15.4	23.0





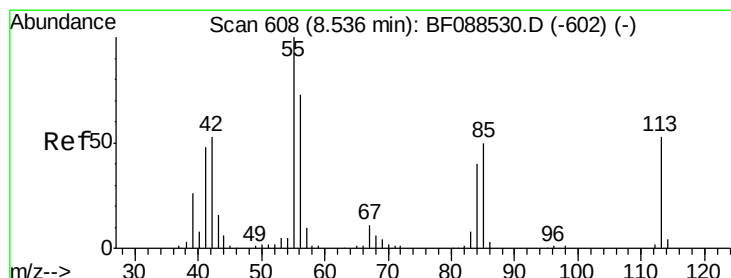
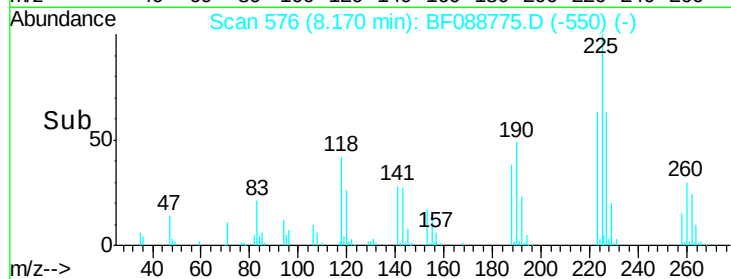
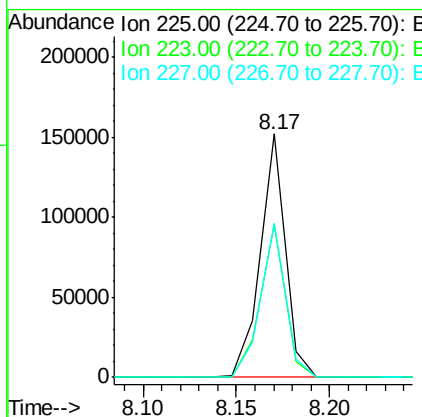
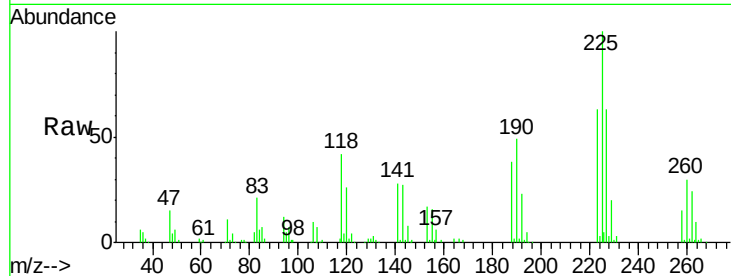
#34
Hexachlorobutadiene
Concen: 43.41 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.1	51.9	77.9

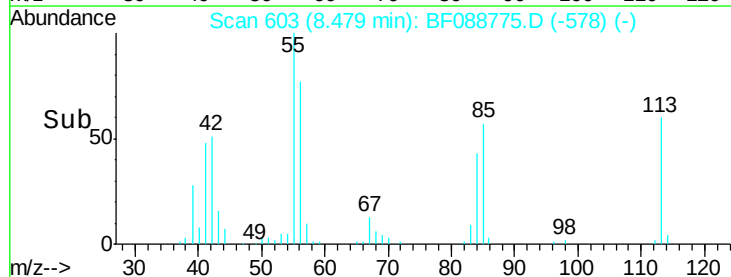
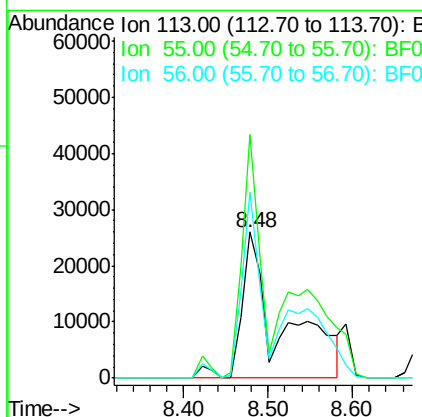
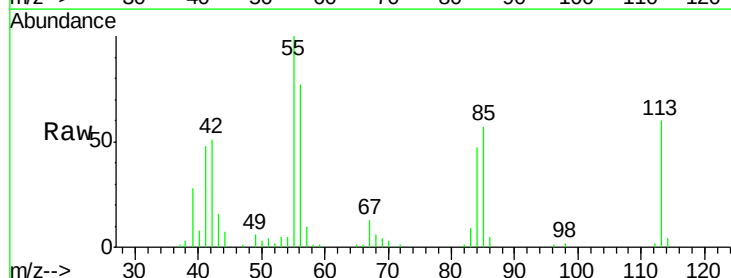
Manual Integrations
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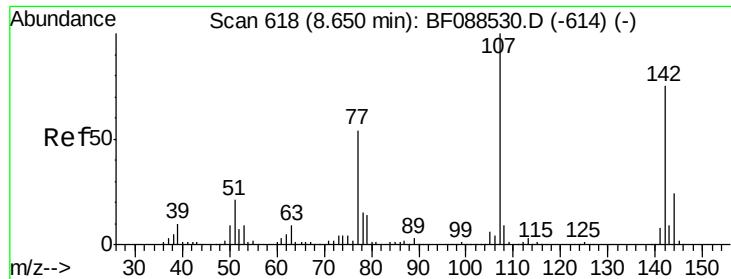
SOHIL
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#35
Caprolactam
Concen: 44.84 ng m
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.4	158.6	198.6
56	127.5	110.6	150.6





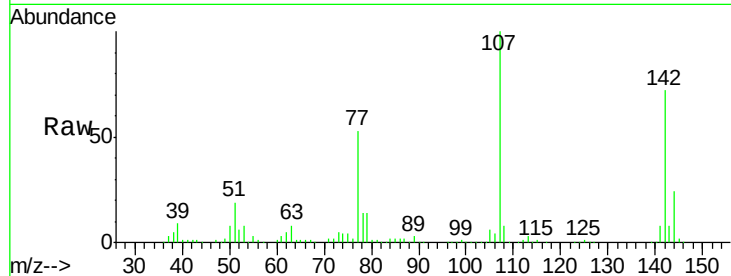
#36
 4-Chloro-3-methylphenol
 Concen: 44.51 ng
 RT: 8.59 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

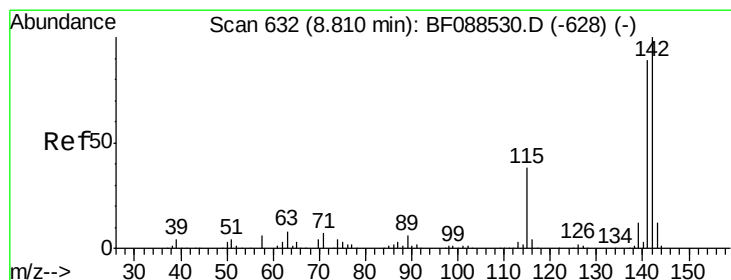
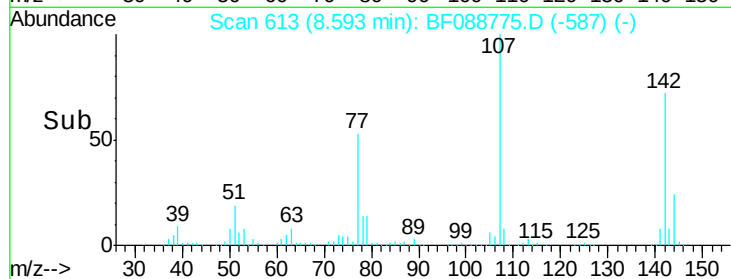
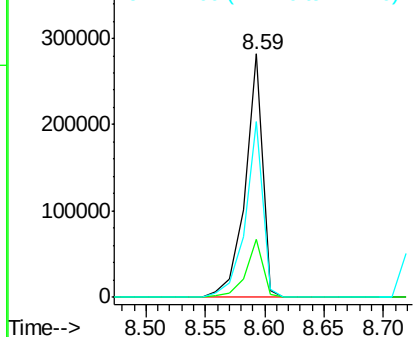
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	289994		
144	23.8	20.8	31.2	
142	72.4	63.4	95.2	

Manual Integrations
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 7/8/2016 7:03:28 AM

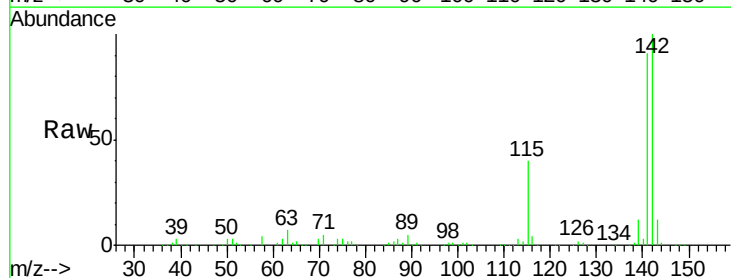


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

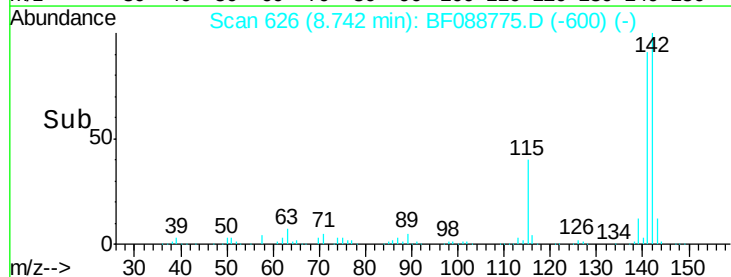
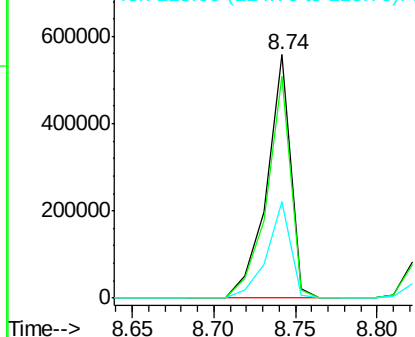


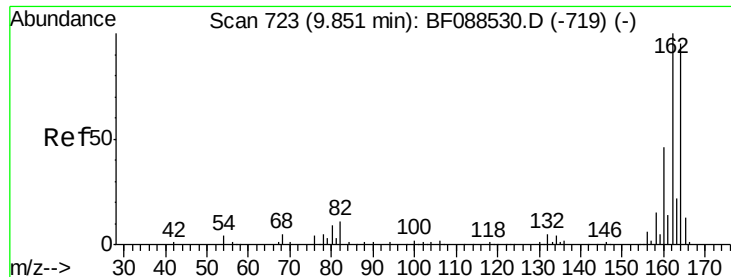
#37
 2-Methylnaphthalene
 Concen: 43.11 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	567800		
141	91.0	71.0	106.6	
115	39.6	22.6	33.8	



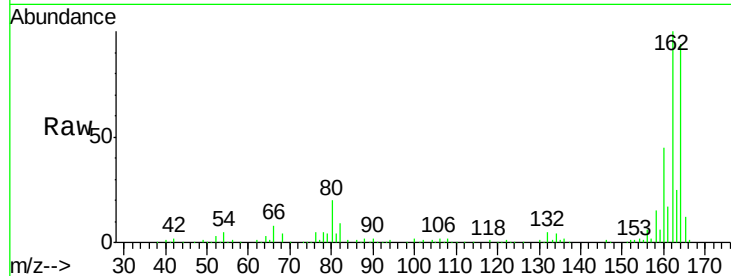
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

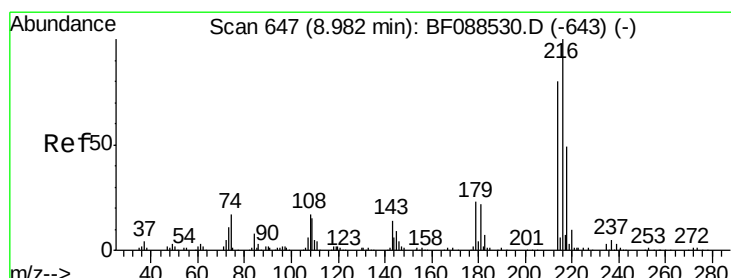
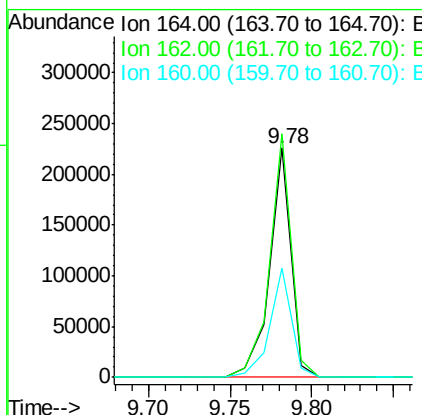
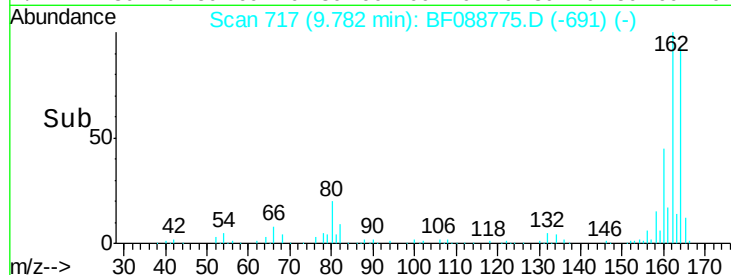
Instrument :
BNA_F
ClientSampleId :
PB91776BS



Tgt Ion:164 Resp: 205440
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 47.8 39.5 59.3

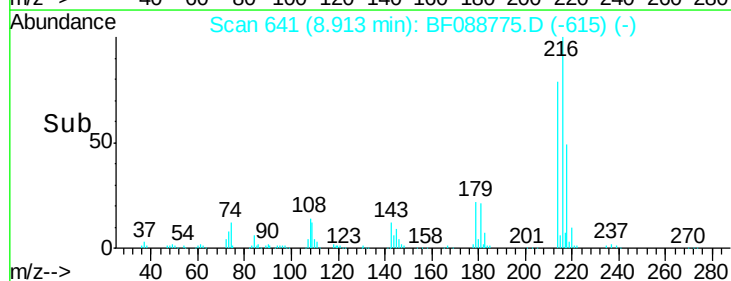
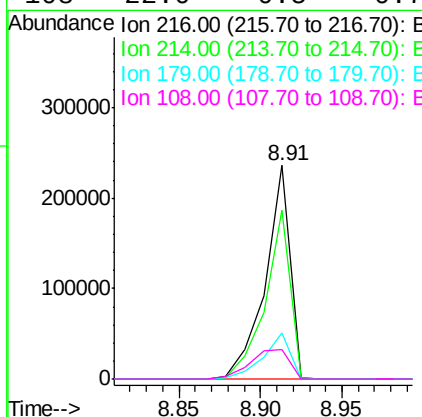
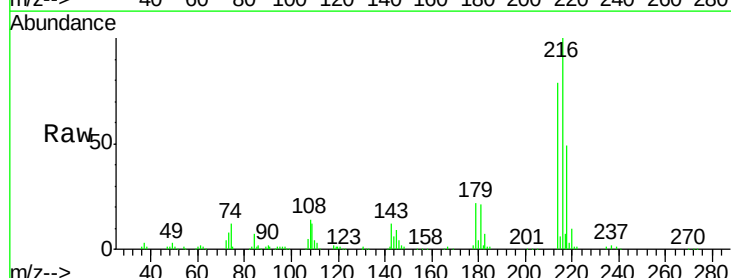
Manual Integrations
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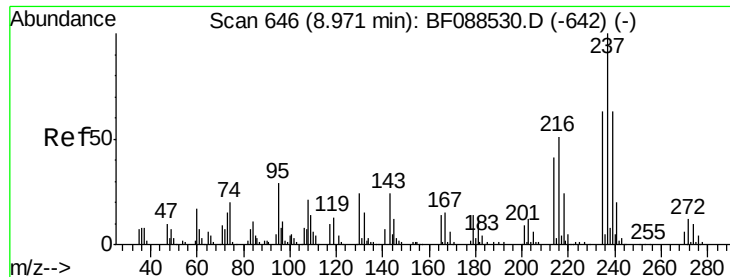
SOHIL
7/8/2016 7:03:28 AM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.69 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:216 Resp: 250698
Ion Ratio Lower Upper
216 100
214 79.2 2.9 4.3#
179 23.0 0.0 0.0#
108 22.0 0.5 0.7#





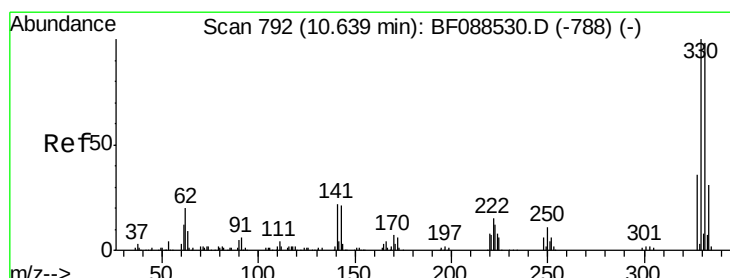
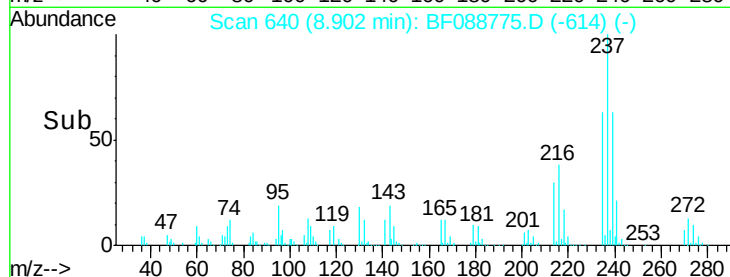
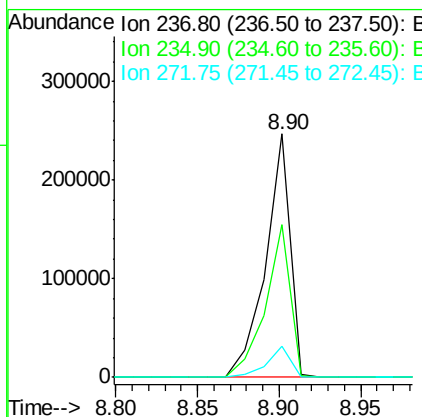
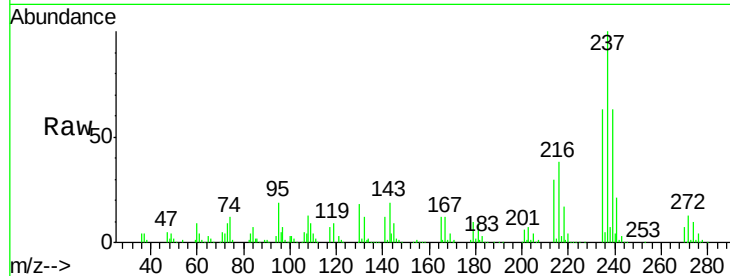
#40
Hexachlorocyclopentadiene
Concen: 77.22 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	43.4	83.4
272	13.0	0.0	32.3

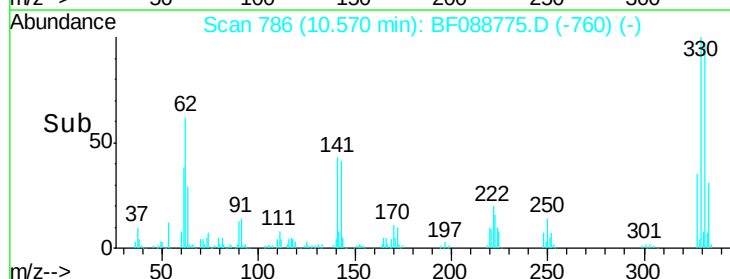
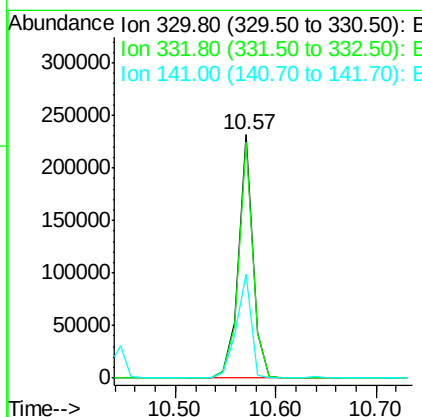
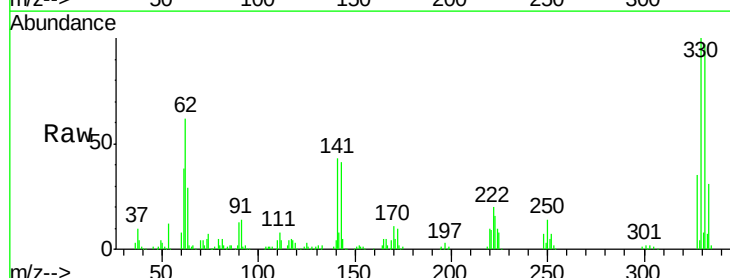
Manual Integrations
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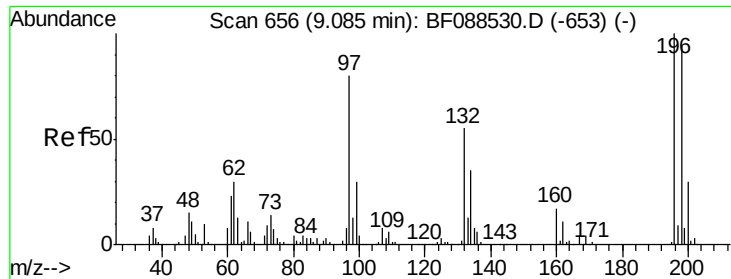
SOHIL
7/8/2016 7:03:28 AM



#41
2,4,6-Tribromophenol
Concen: 121.93 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	0.0	0.0#
141	43.7	0.0	0.0#





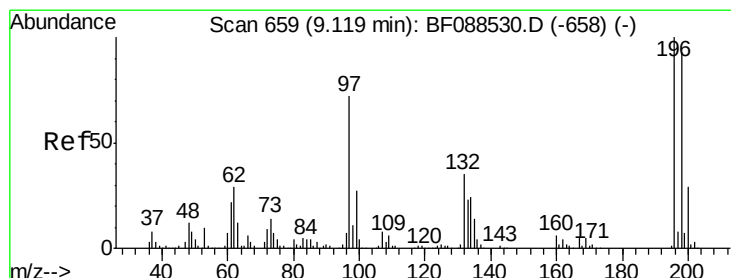
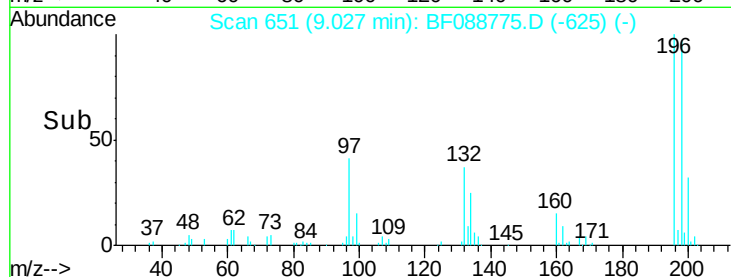
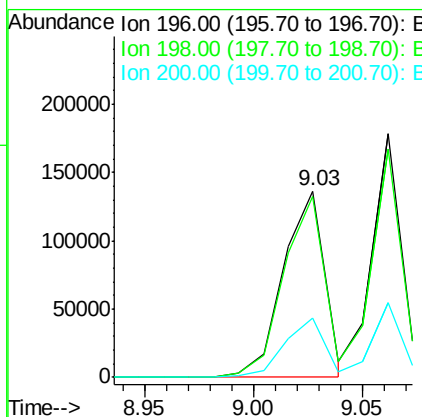
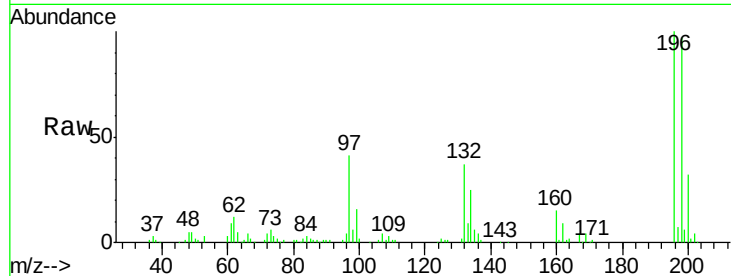
#42
2,4,6-Trichlorophenol
Concen: 40.22 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181210		
198	97.2	78.0	117.0	
200	31.8	25.4	38.2	

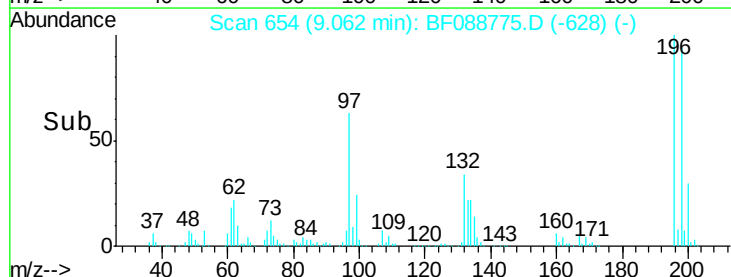
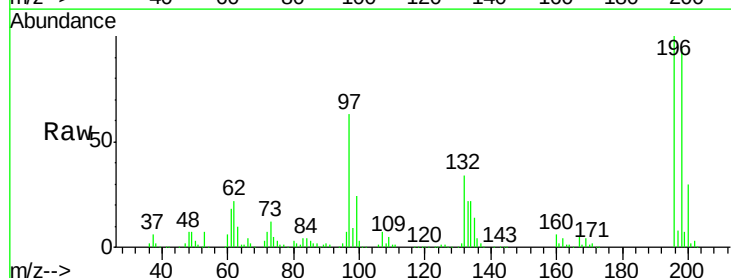
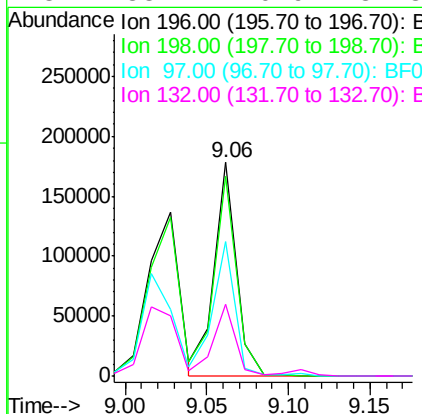
Manual Integrations
APPROVED

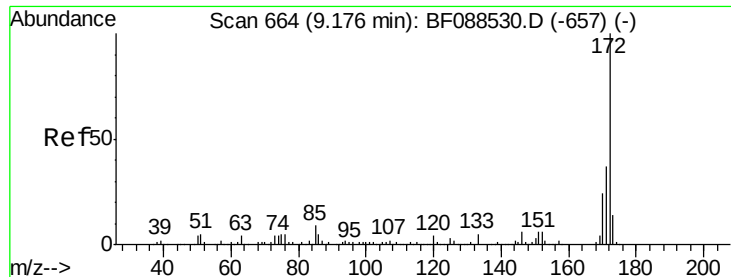
SOHIL
7/8/2016 7:03:28 AM



#43
2,4,5-Trichlorophenol
Concen: 43.68 ng
RT: 9.06 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169323		
198	93.7	77.5	116.3	
97	63.1	32.0	48.0#	
132	33.7	20.9	31.3#	





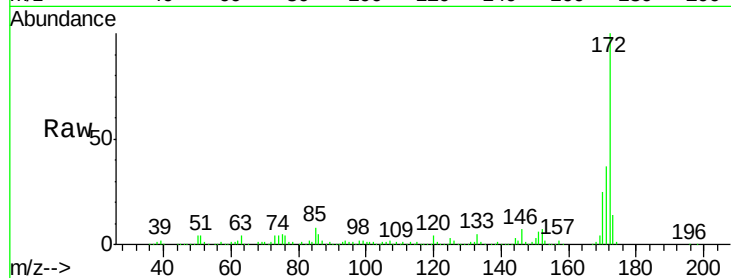
#44
2-Fluorobiphenyl
Concen: 77.98 ng
RT: 9.11 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

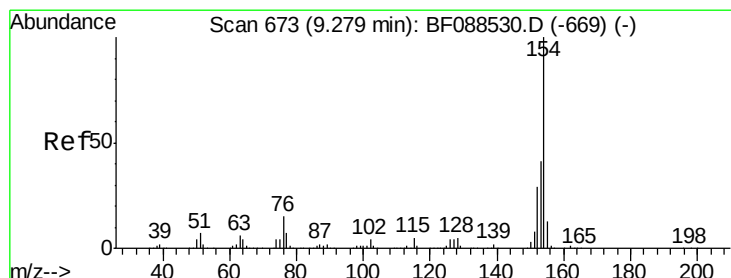
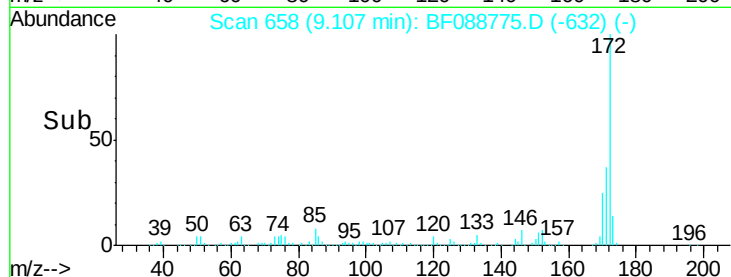
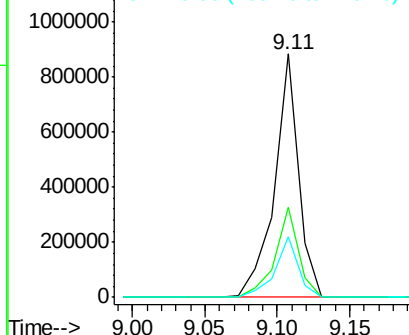
Tgt Ion:172 Resp: 1014251
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.7 19.2 28.8

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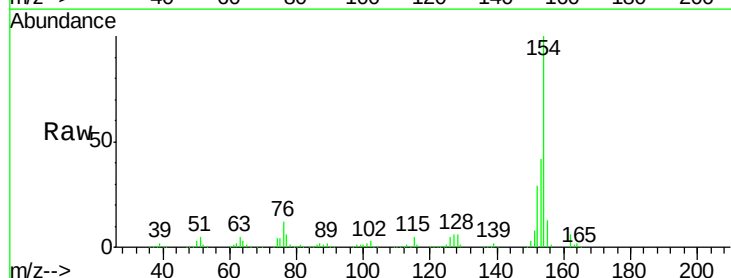


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

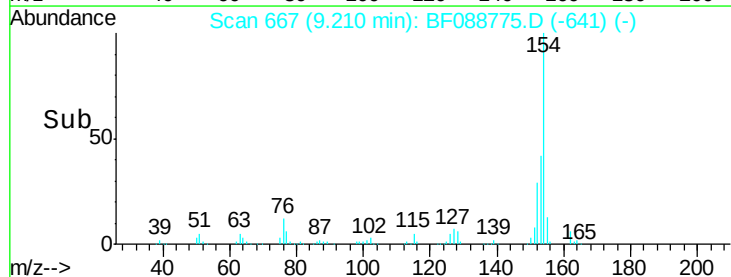
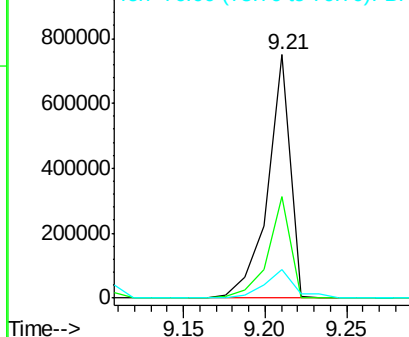


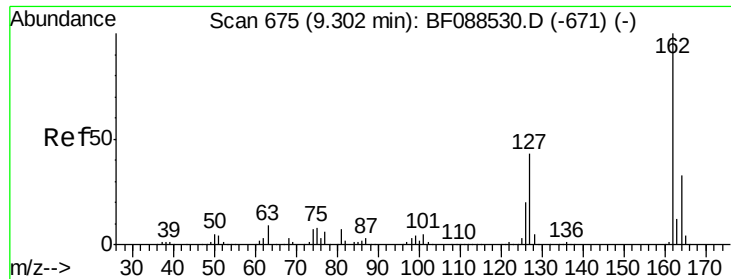
#45
1,1'-Biphenyl
Concen: 42.30 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:154 Resp: 719675
Ion Ratio Lower Upper
154 100
153 41.6 20.6 60.6
76 11.7 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





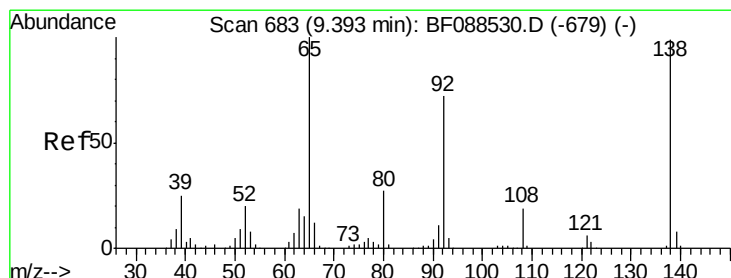
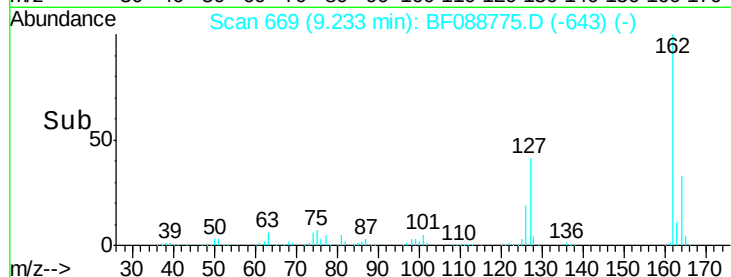
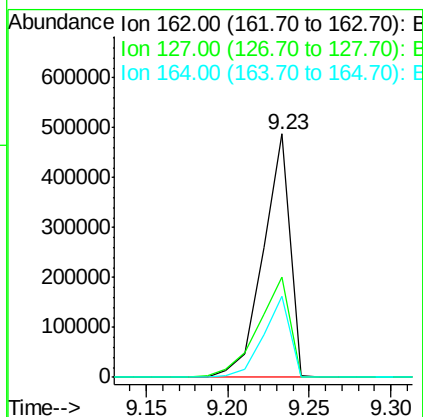
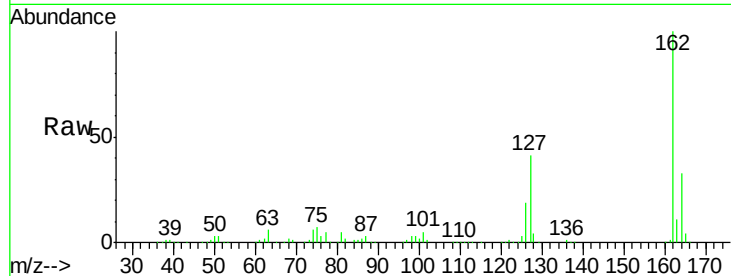
#46
2-Chloronaphthalene
Concen: 41.71 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	35.2	52.8
164	33.3	26.6	39.8

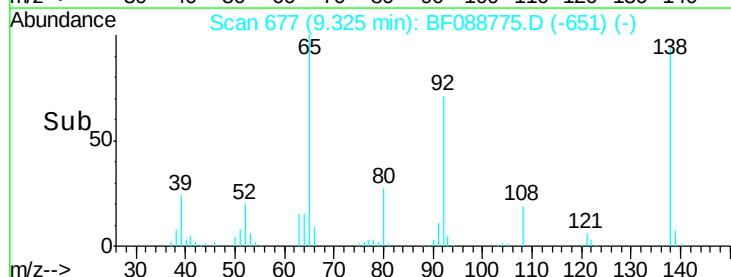
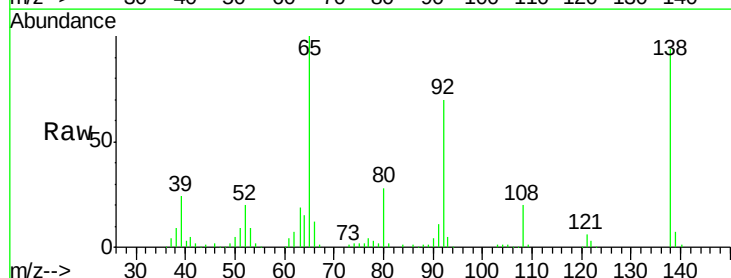
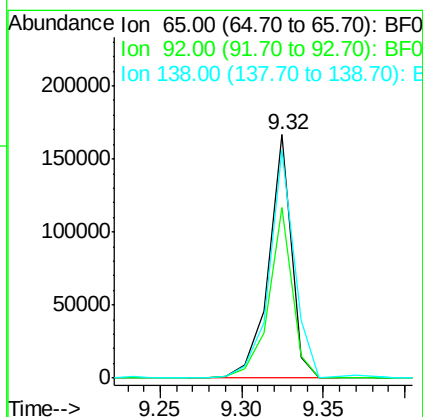
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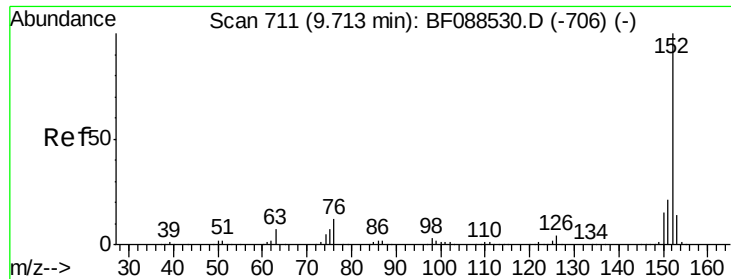
SOHIL
7/8/2016 7:03:28 AM



#47
2-Nitroaniline
Concen: 34.46 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.6	82.0
138	93.6	77.0	115.4





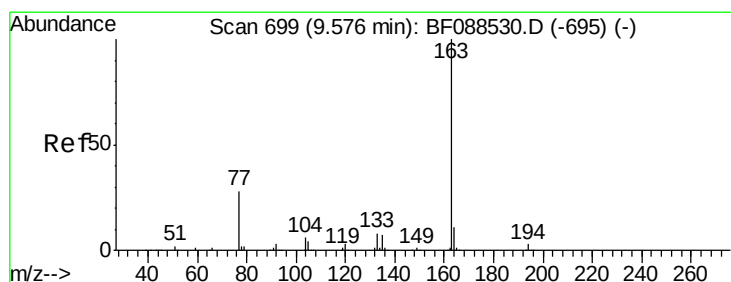
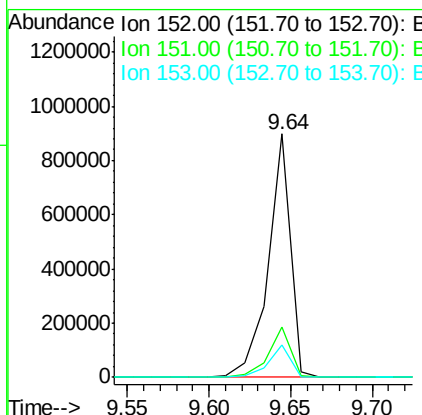
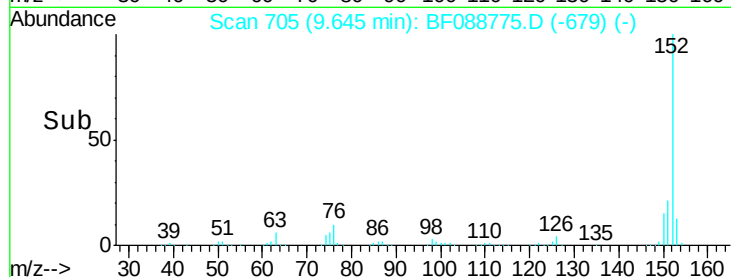
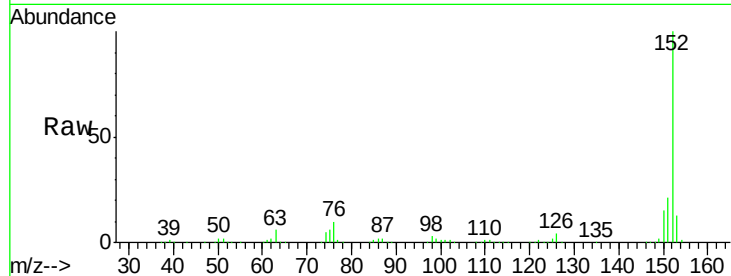
#48
Acenaphthylene
Concen: 40.11 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:	152	Resp:	852239
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.2	24.4
153	13.4	11.0	16.6

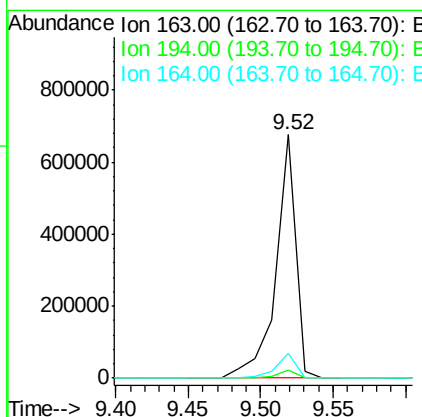
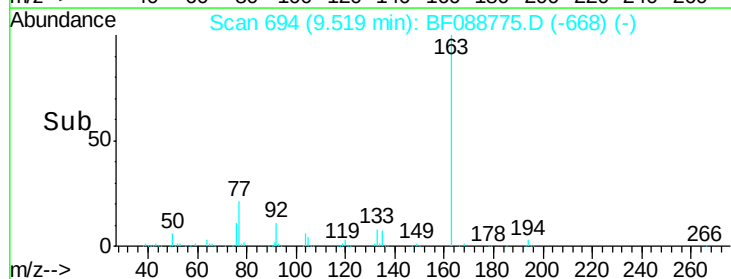
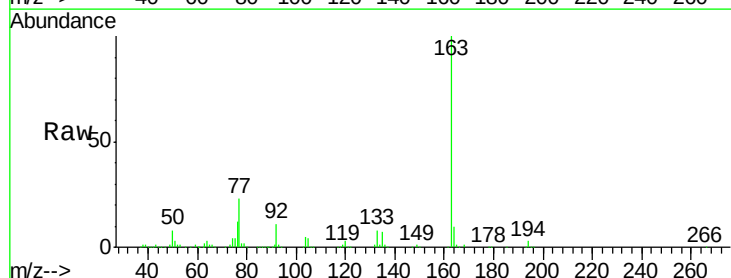
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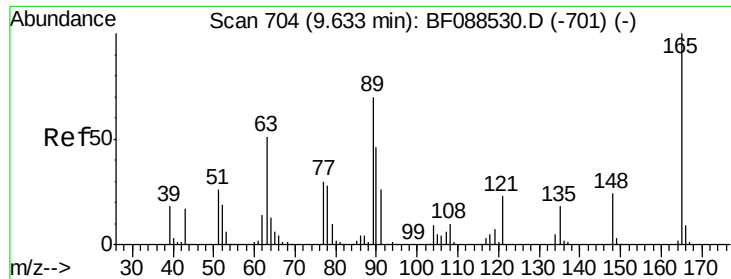
SOHIL
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#49
Dimethylphthalate
Concen: 43.90 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:	163	Resp:	642524
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.4	8.3	12.5





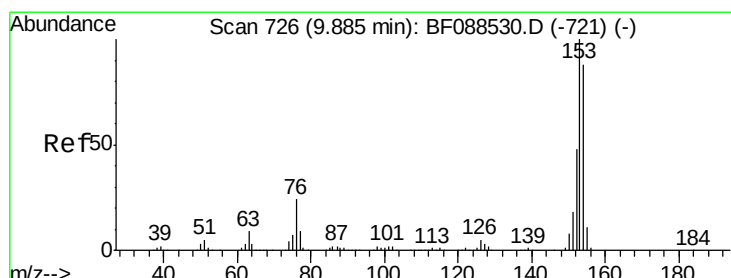
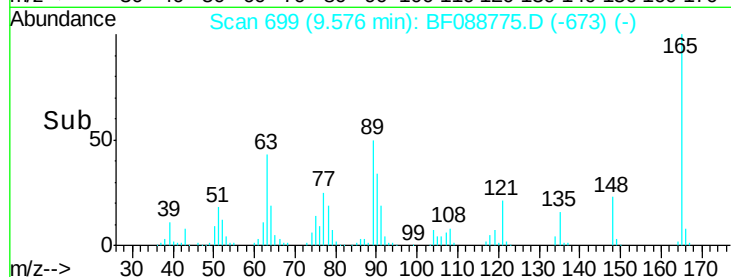
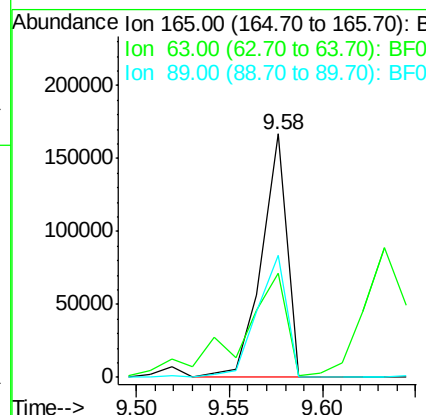
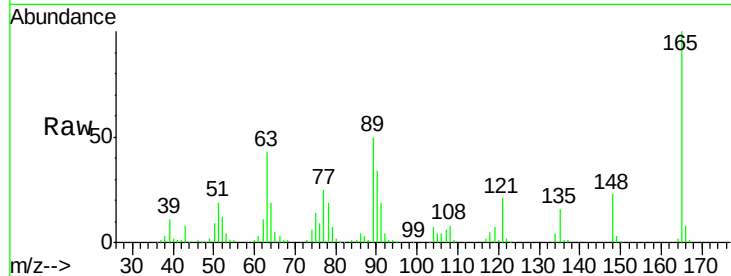
#50
2,6-Dinitrotoluene
Concen: 49.28 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159872		
63	43.0	28.1	42.1#	
89	50.1	32.2	48.2#	

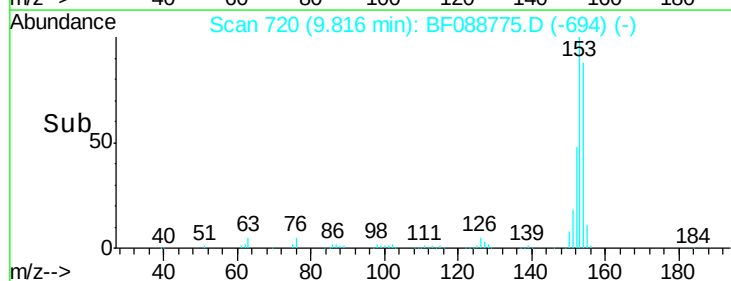
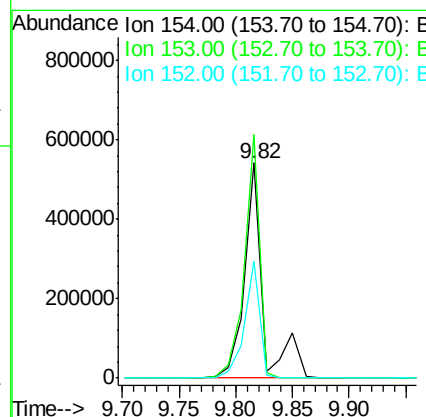
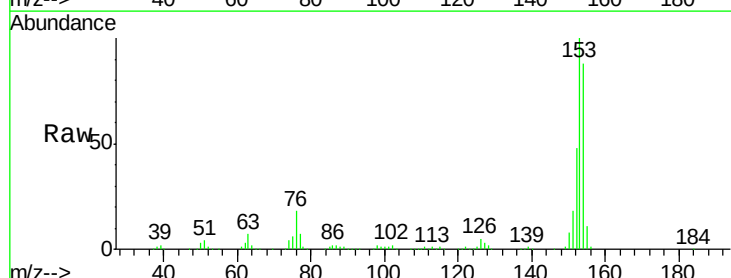
Manual Integrations
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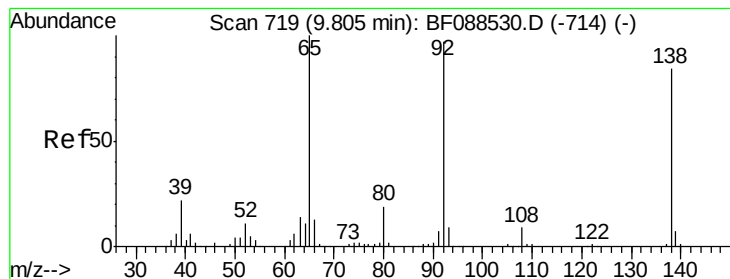
SOHIL
7/8/2016 7:03:28 AM



#51
Acenaphthene
Concen: 47.92 ng m
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	624169		
153	113.2	89.5	134.3	
152	54.3	42.7	64.1	





#52

3-Nitroaniline

Concen: 23.17 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

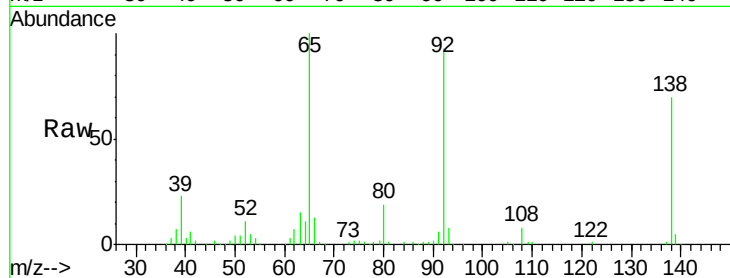
ClientSampleId :

PB91776BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	131.8	95.7	143.5

Manual Integrations
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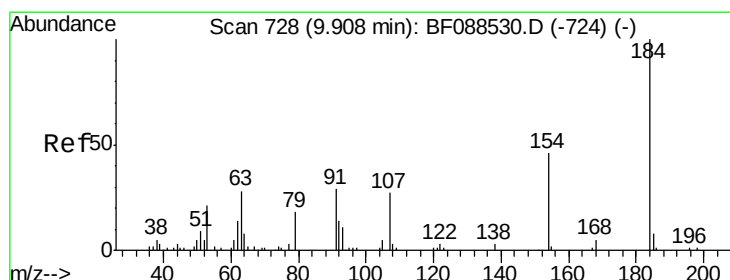
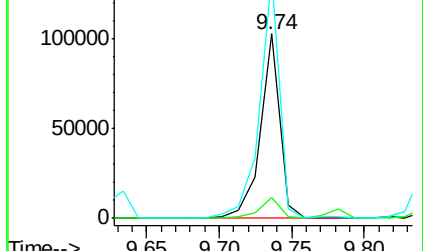
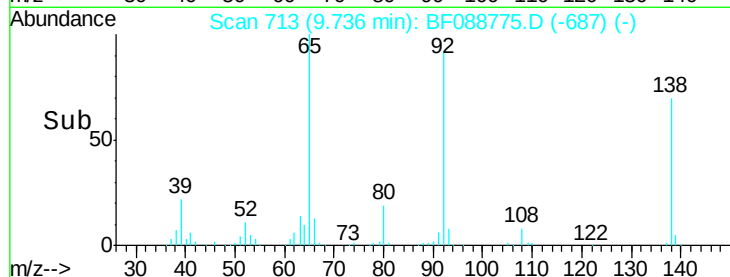


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



#53

2,4-Dinitrophenol

Concen: 116.94 ng

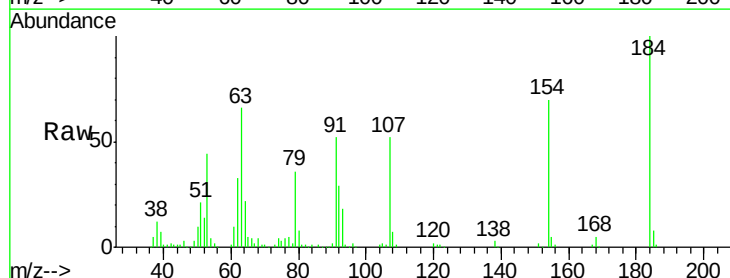
RT: 9.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.0	57.6	86.4
154	70.4	53.5	80.3

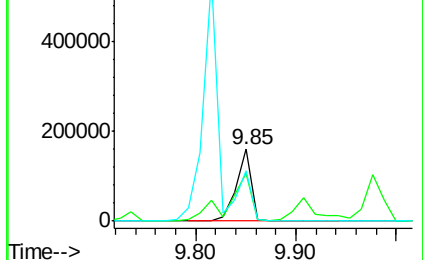
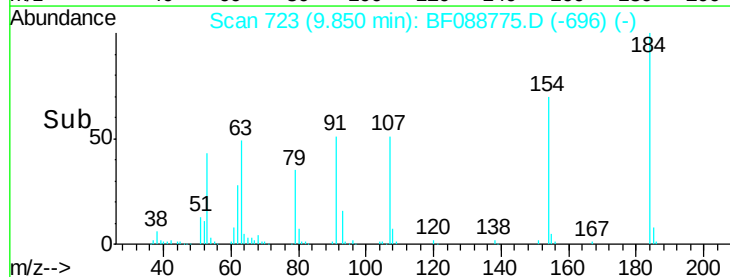


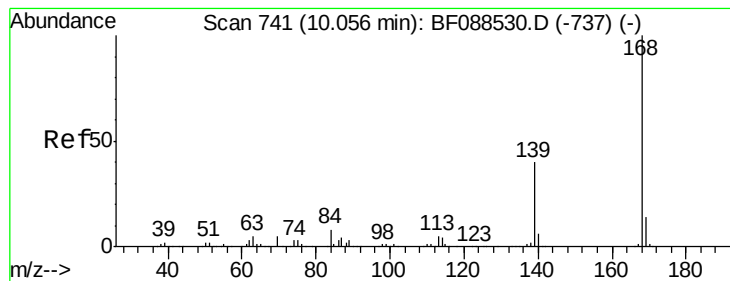
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

Time-->





#54

Dibenzofuran

Concen: 41.25 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

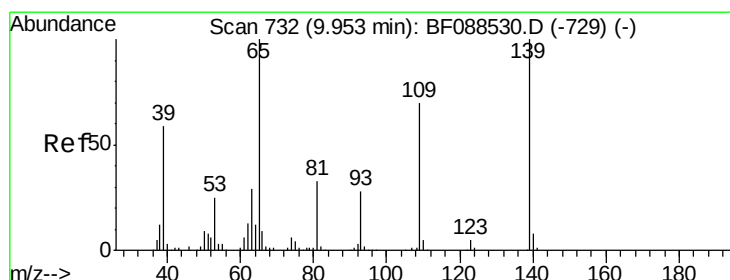
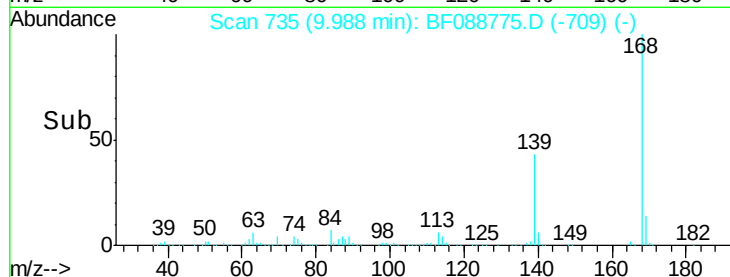
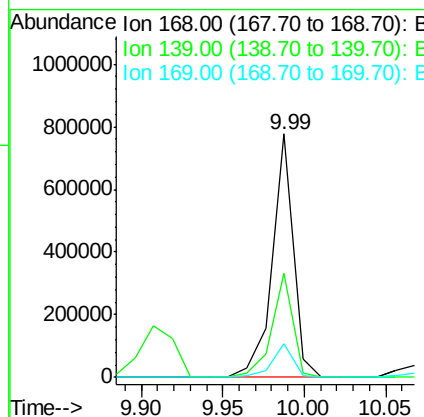
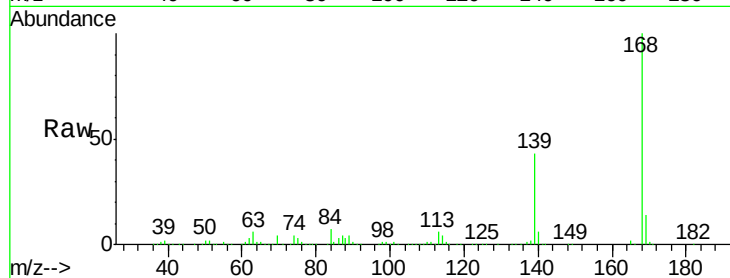
ClientSampleId :

PB91776BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.9	26.4	39.6#
169	13.8	10.4	15.6

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#55

4-Nitrophenol

Concen: 80.30 ng

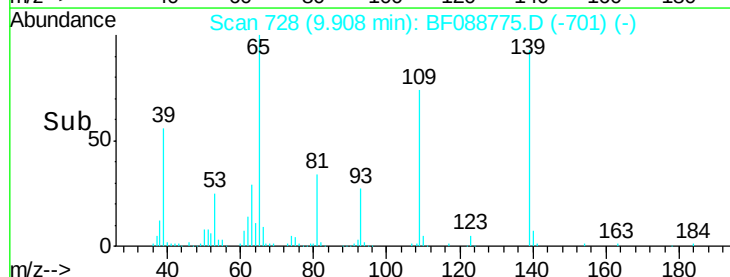
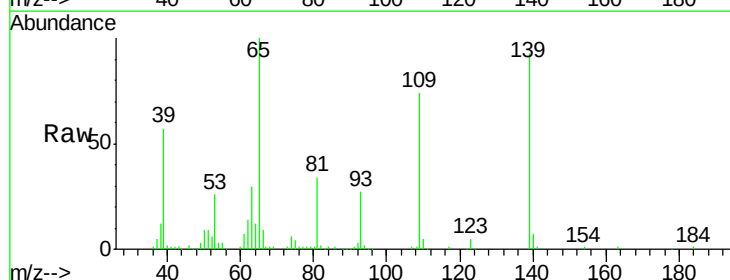
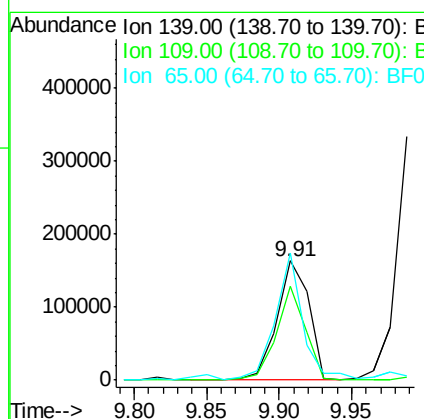
RT: 9.91 min Scan# 728

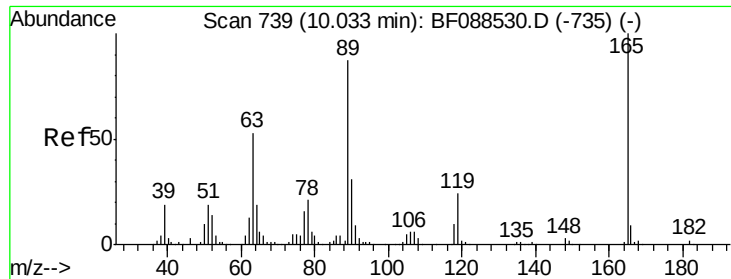
Delta R.T. 0.01 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.1	48.9	88.9
65	107.0	84.9	124.9





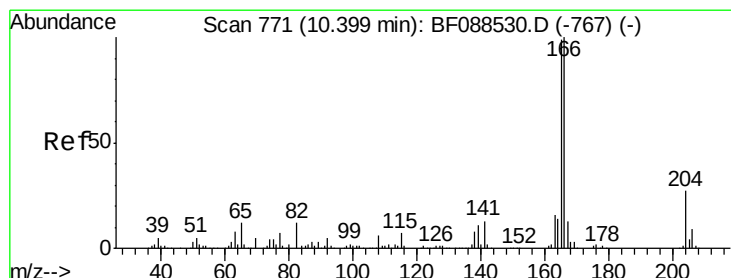
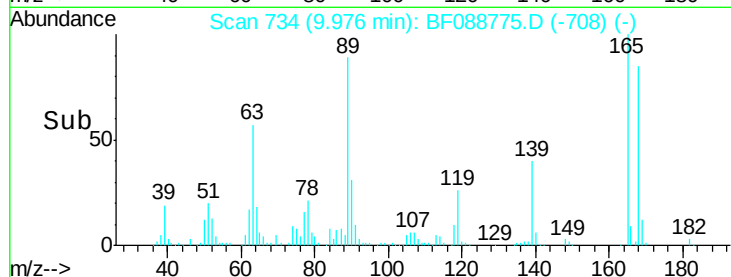
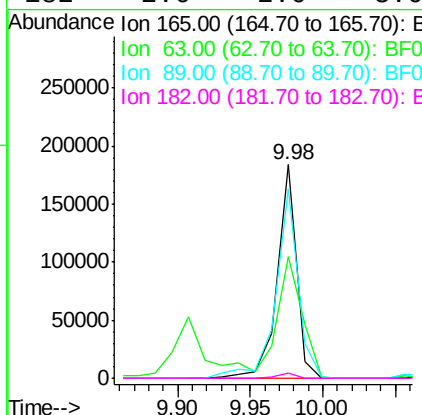
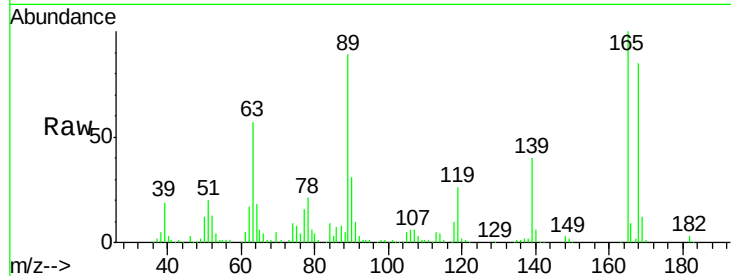
#56
2,4-Dinitrotoluene
Concen: 40.03 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.8	22.0	33.0#
89	88.6	41.1	61.7#
182	2.6	2.0	3.0

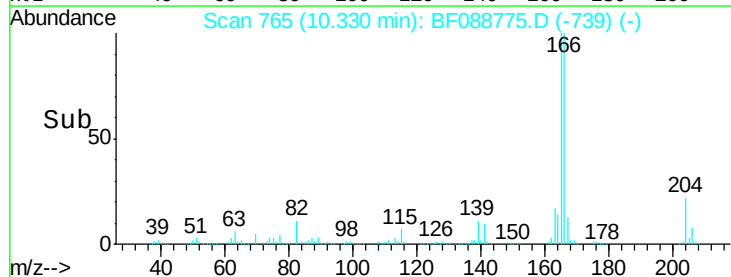
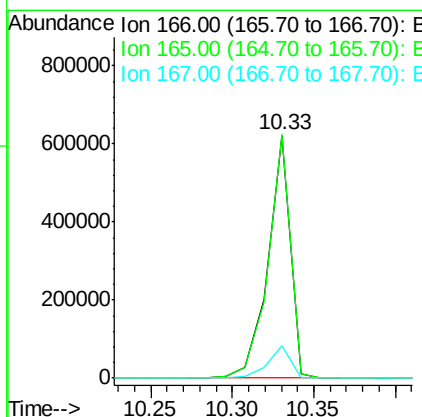
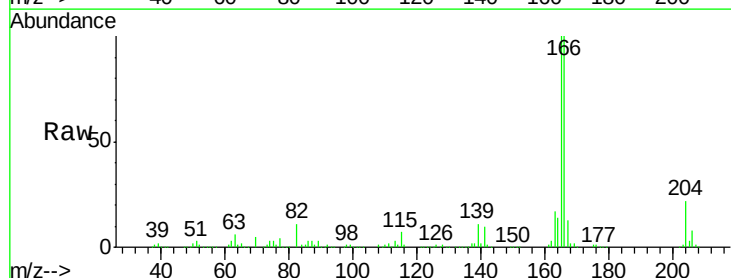
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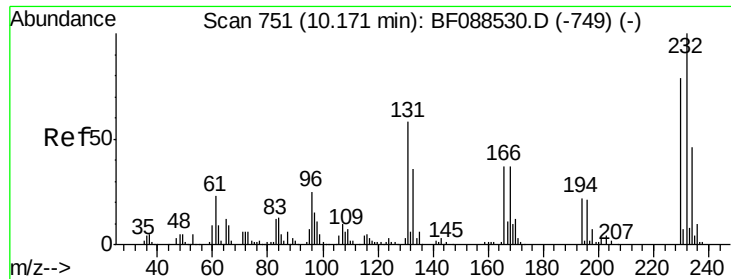
SOHIL
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#57
Fluorene
Concen: 45.10 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.4	77.8	116.8
167	13.5	11.2	16.8





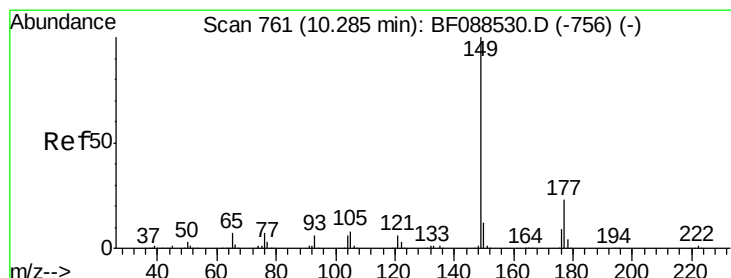
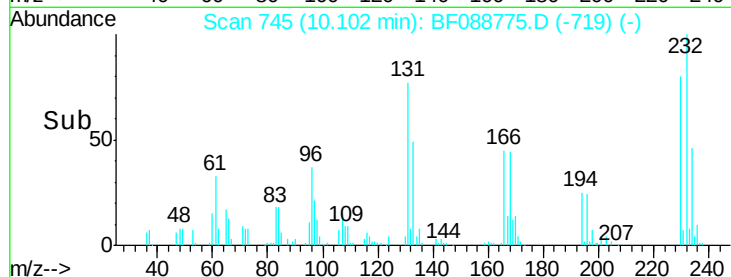
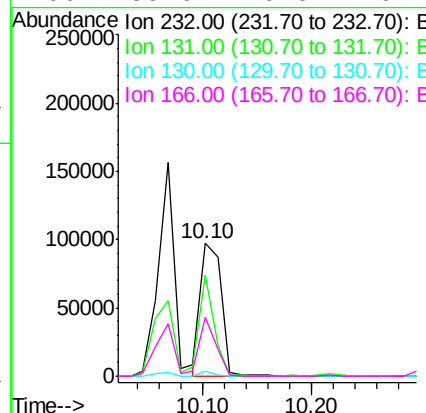
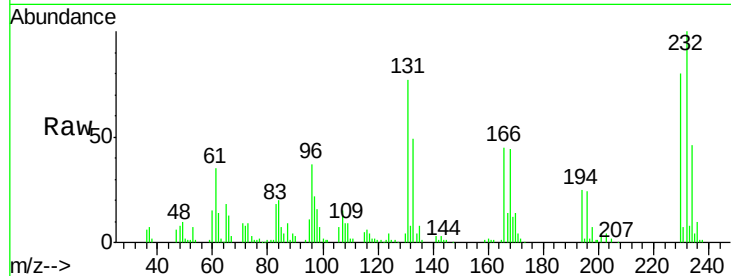
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.87 ng
 RT: 10.10 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131560		
131	55.7	0.9	1.3#	
130	2.7	1.5	2.3#	
166	35.6	0.5	0.7#	

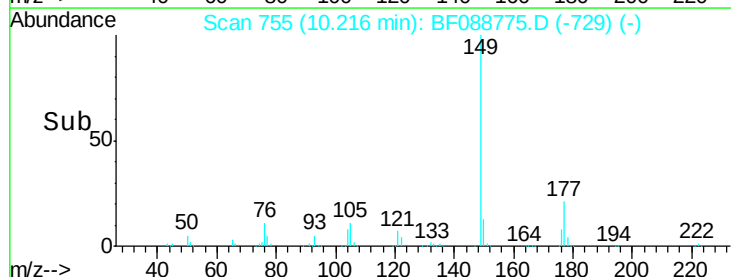
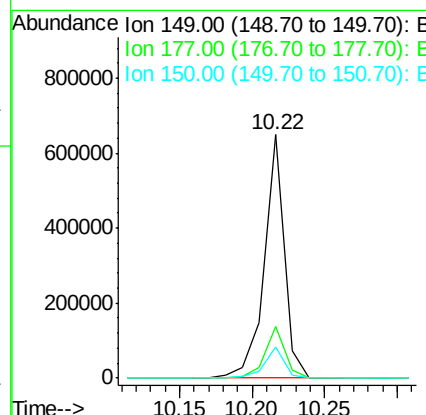
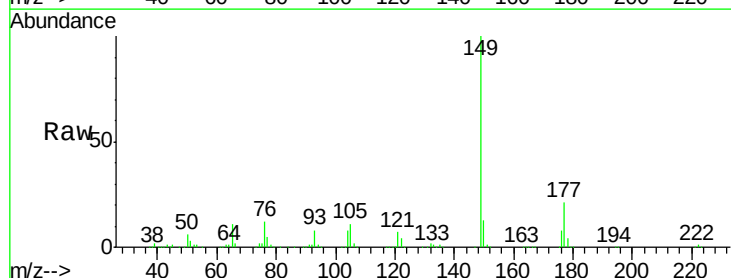
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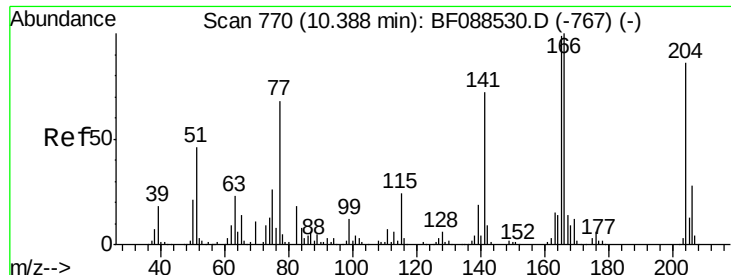
SOHIL
 7/8/2016 7:03:28 AM



#59
 Diethylphthalate
 Concen: 42.27 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	620947		
177	21.0	16.9	25.3	
150	12.8	10.1	15.1	





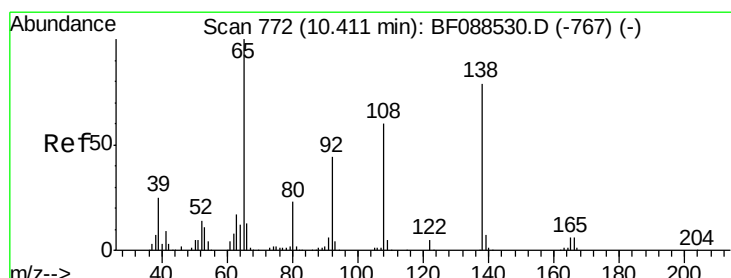
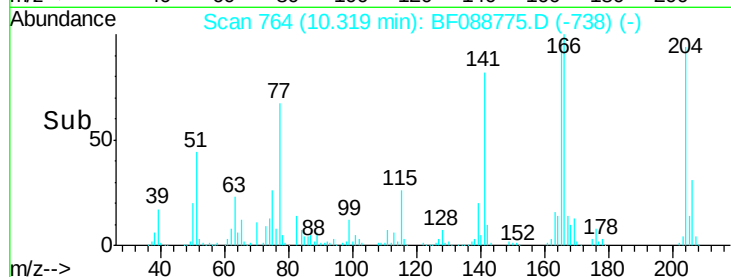
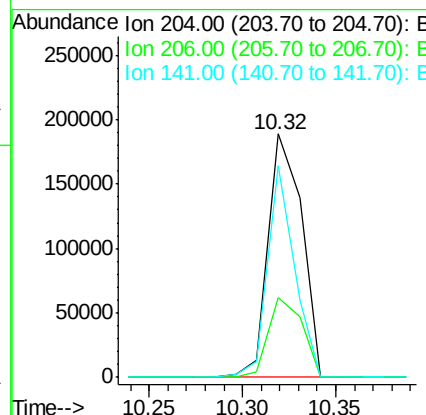
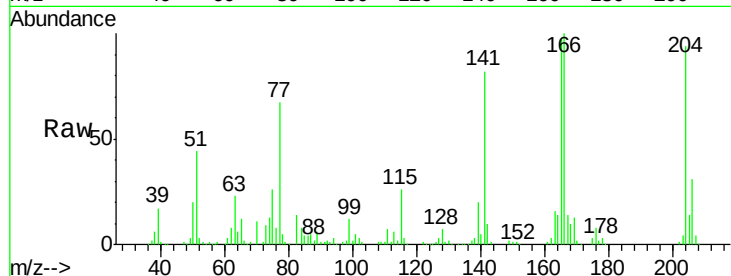
#60
4-Chlorophenyl-phenylether
Concen: 38.60 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 204 Resp: 235625
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 86.8 55.0 82.6#

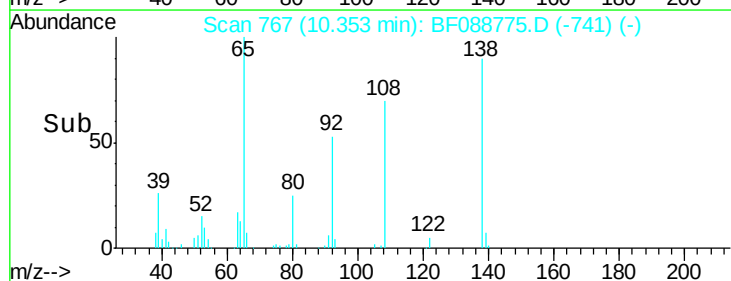
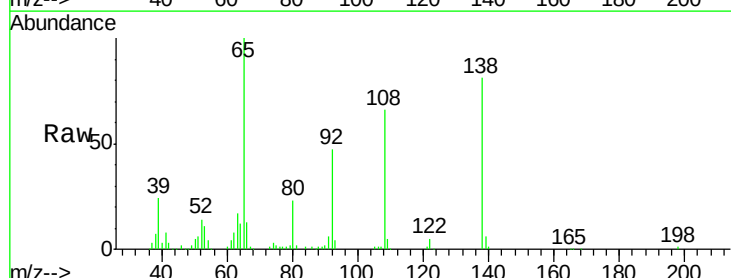
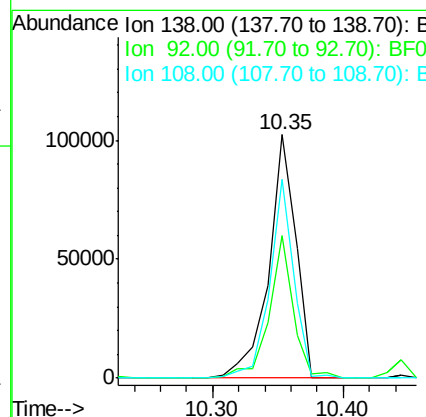
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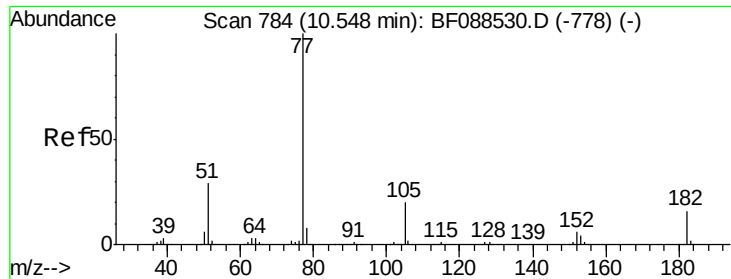
SOHIL
7/8/2016 7:03:28 AM



#61
4-Nitroaniline
Concen: 37.56 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion: 138 Resp: 149028
Ion Ratio Lower Upper
138 100
92 58.3 27.3 67.3
108 81.4 46.7 86.7





#62

Azobenzene

Concen: 41.46 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

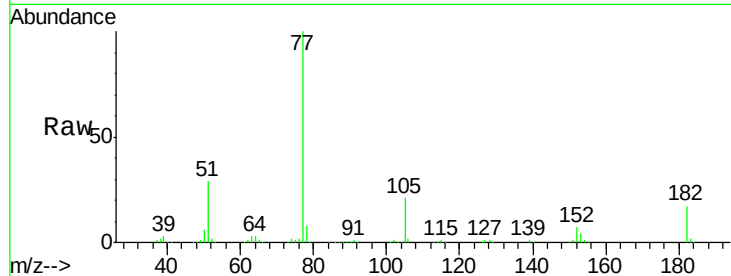
ClientSampleId :

PB91776BS

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	17.3	4.4	44.4	
105	21.2	3.8	43.8	
51	28.8	9.3	49.3	

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7/8/2016 7:03:28 AM

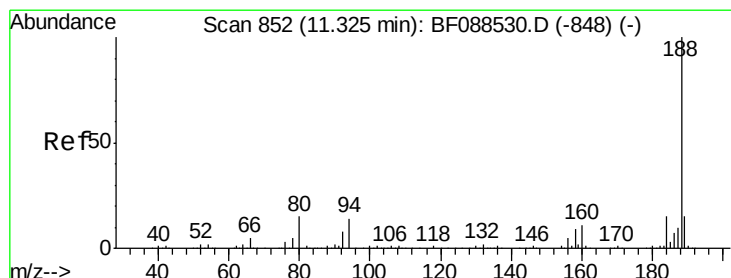
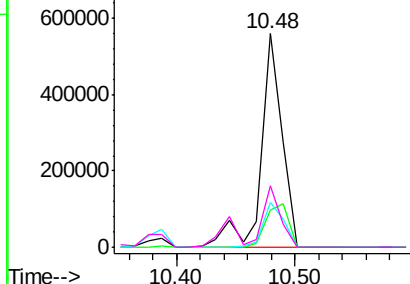
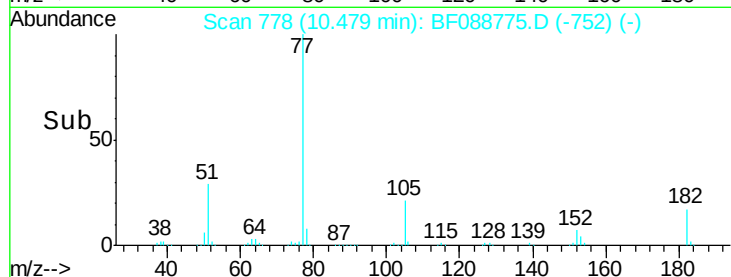


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

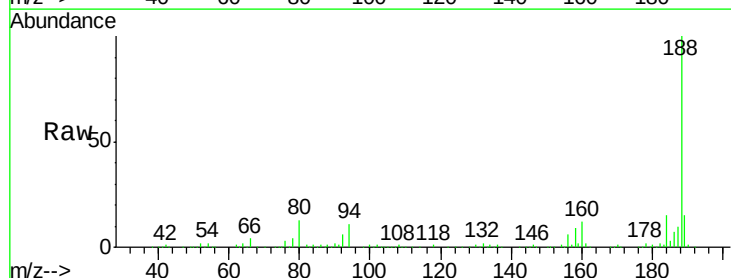
RT: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

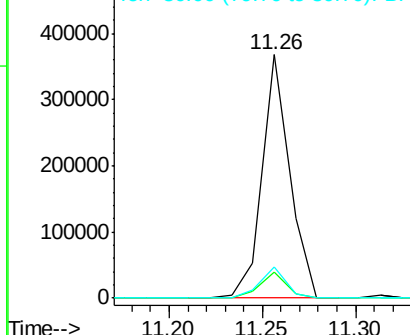
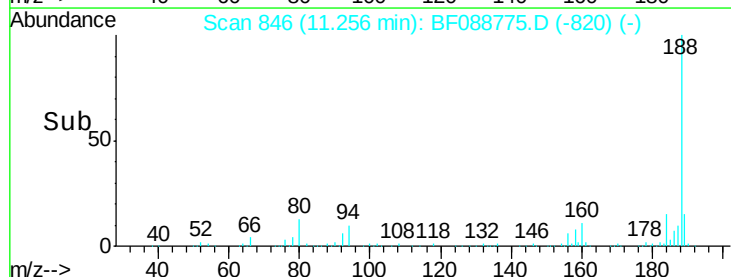
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.9	9.0	13.6	
80	12.6	10.0	15.0	

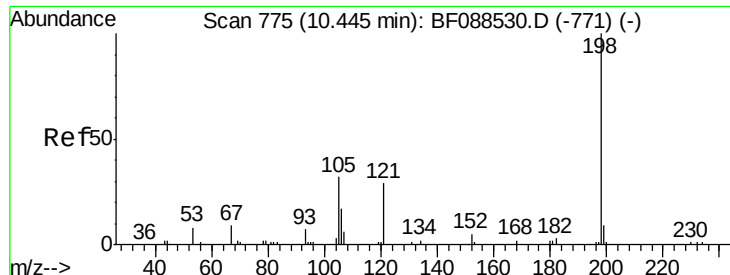


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





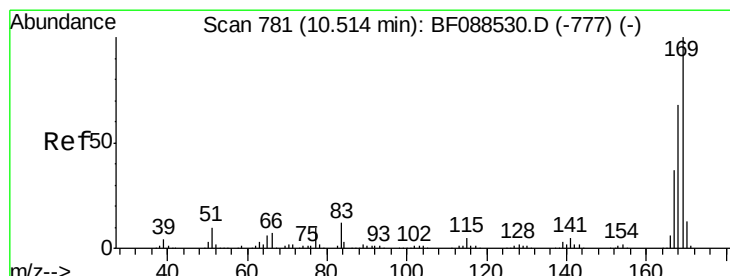
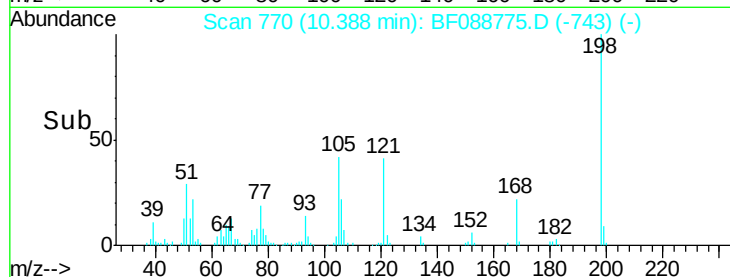
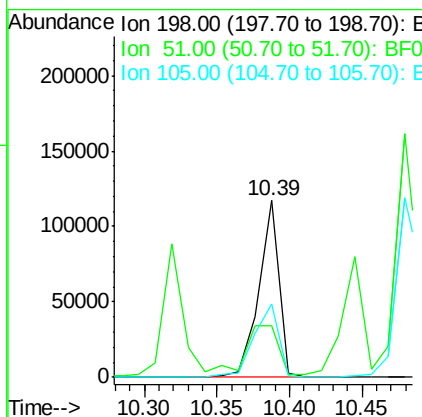
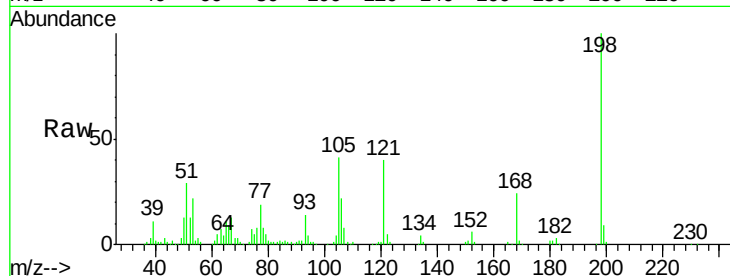
#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.69 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113522		
51	29.2	39.6	79.6#	
105	41.5	36.6	76.6	

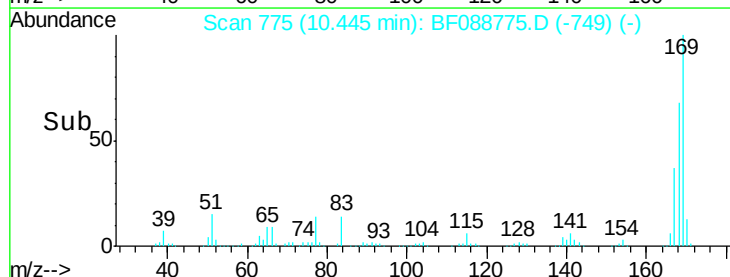
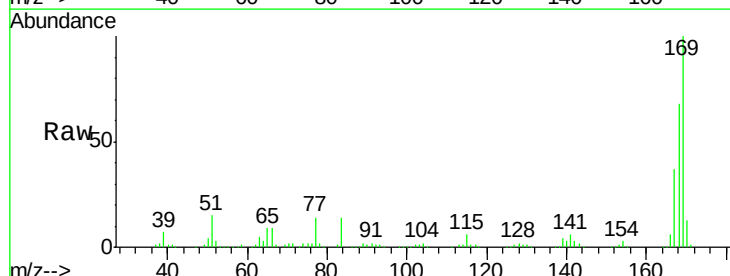
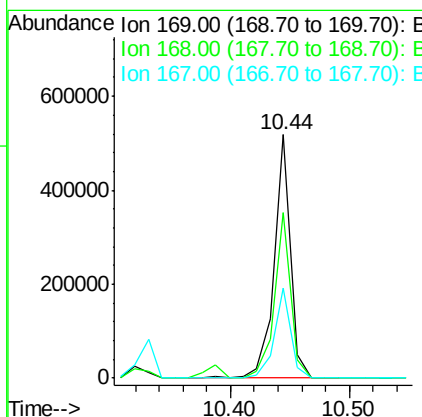
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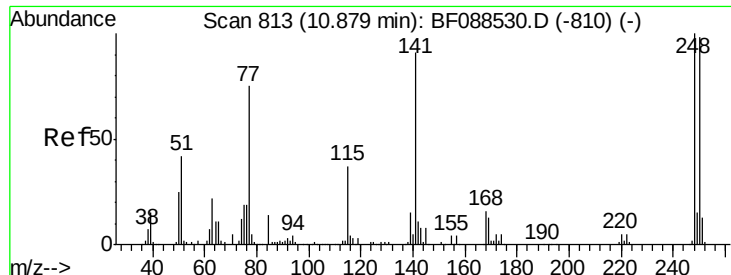
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#65
 n-Nitrosodiphenylamine
 Concen: 39.08 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	495122		
168	67.8	53.4	80.0	
167	37.1	29.4	44.0	





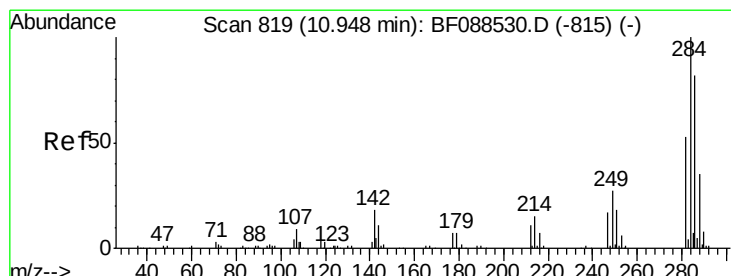
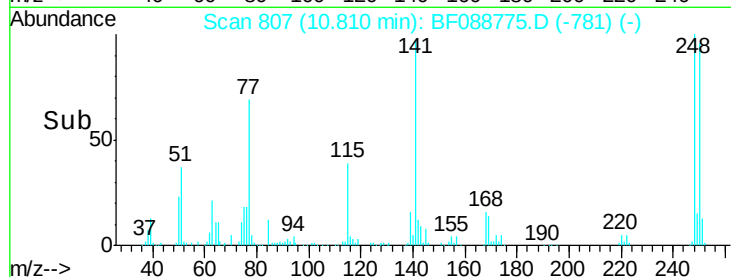
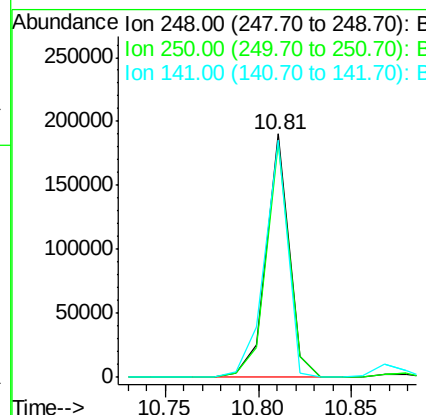
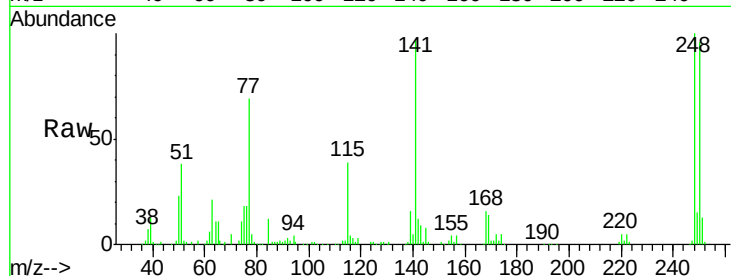
#66
4-Bromophenyl-phenylether
Concen: 42.68 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:248 Resp: 161009
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 97.3 50.6 76.0#

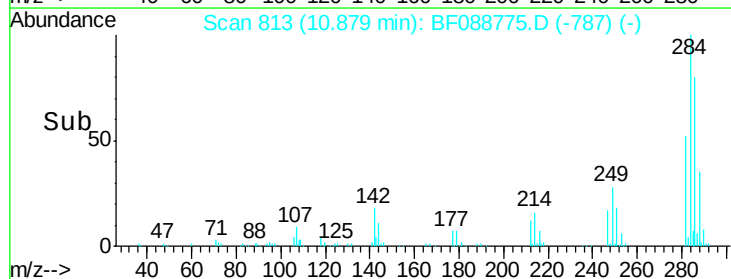
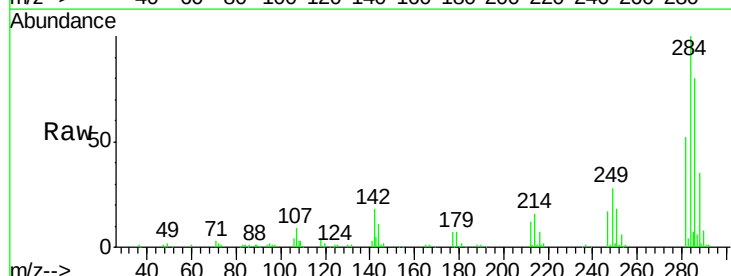
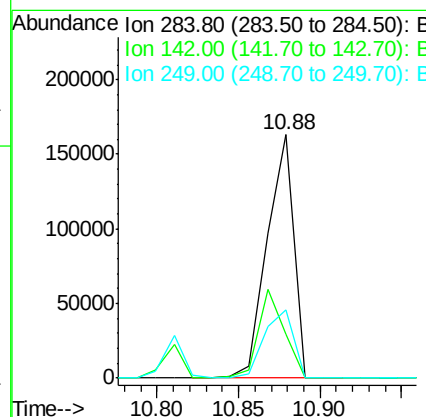
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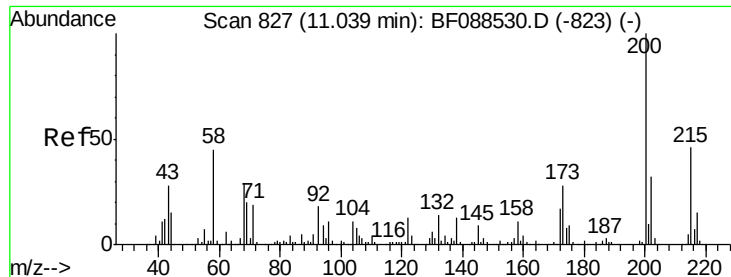
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#67
Hexachlorobenzene
Concen: 44.26 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:284 Resp: 184847
Ion Ratio Lower Upper
284 100
142 18.2 35.8 53.8#
249 27.9 25.8 38.6





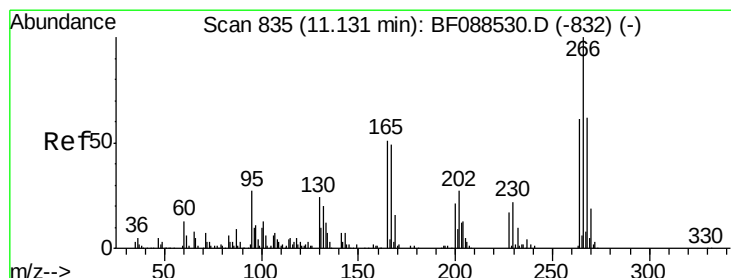
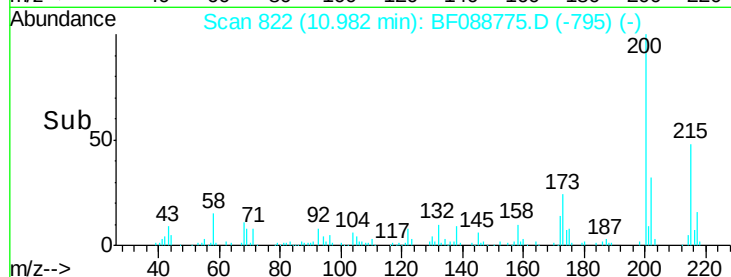
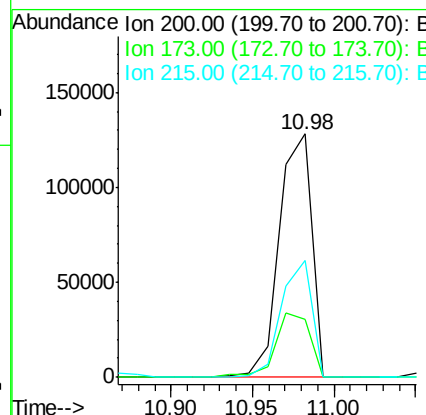
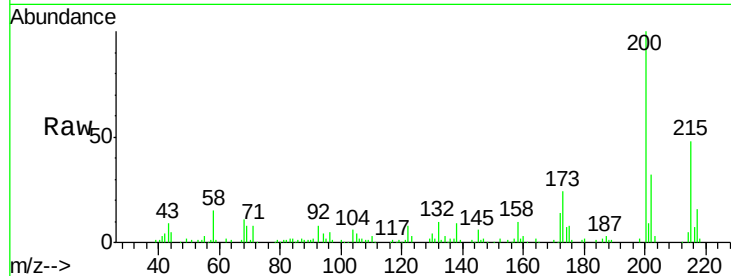
#68
Atrazine
Concen: 45.17 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178326		
173	23.7	4.0	44.0	
215	48.1	29.3	69.3	

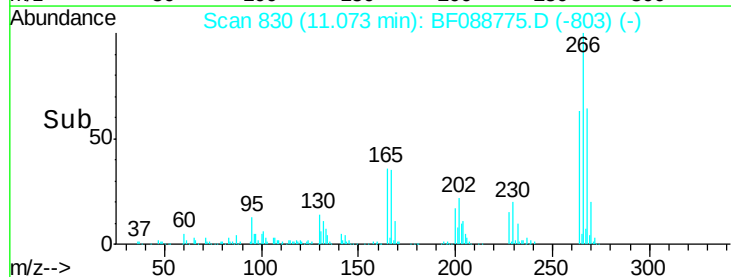
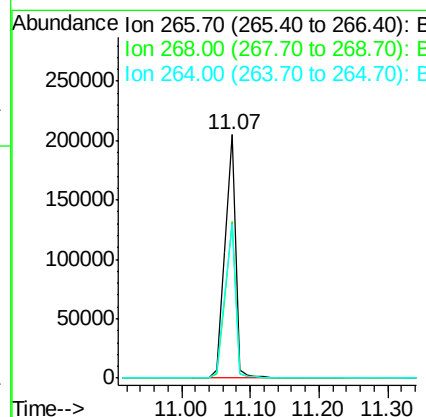
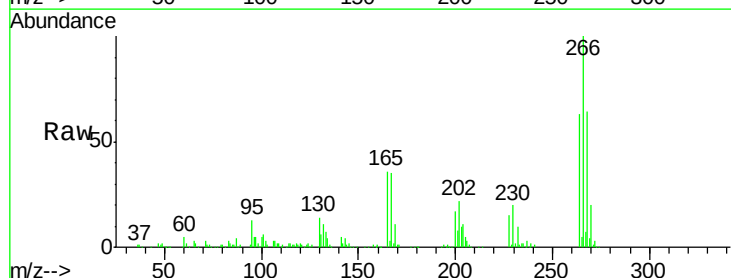
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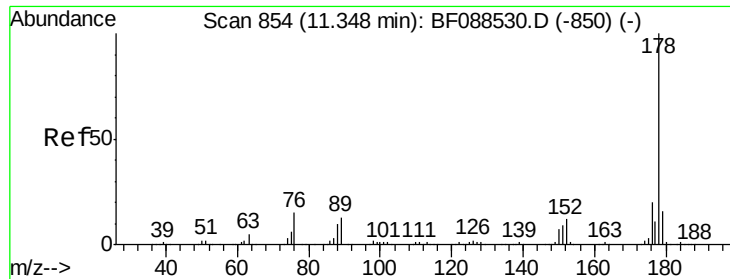
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#69
Pentachlorophenol
Concen: 92.18 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	227819		
268	64.2	52.8	79.2	
264	63.1	49.6	74.4	





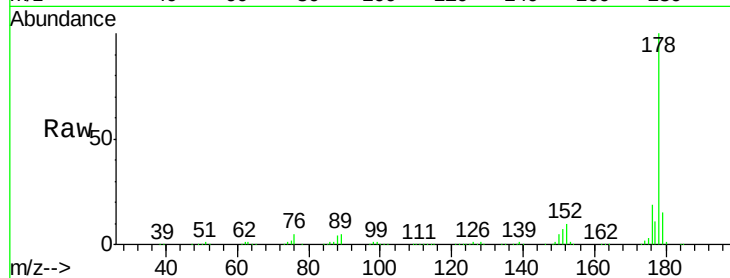
#70
Phenanthrene
Concen: 42.13 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

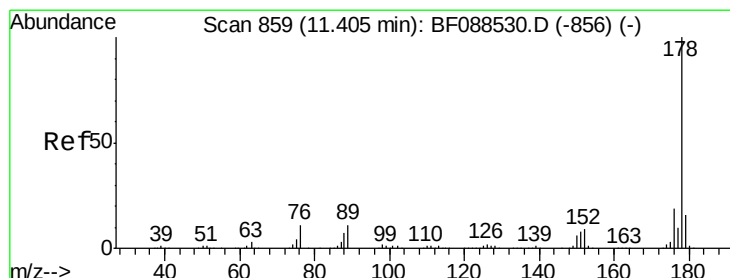
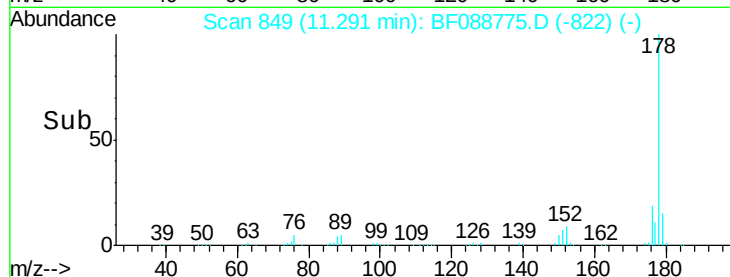
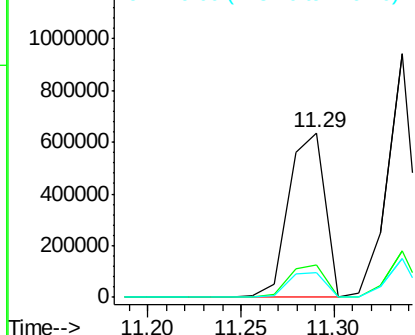
Tgt Ion:178 Resp: 862258
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.0 13.0 19.4

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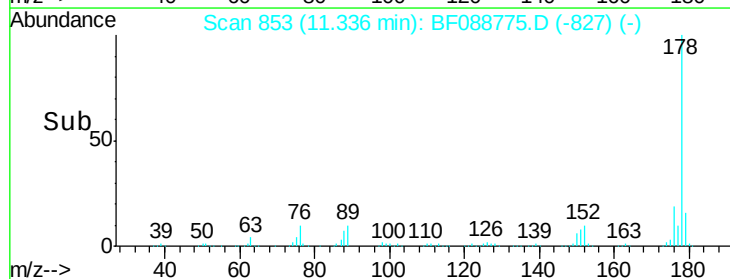
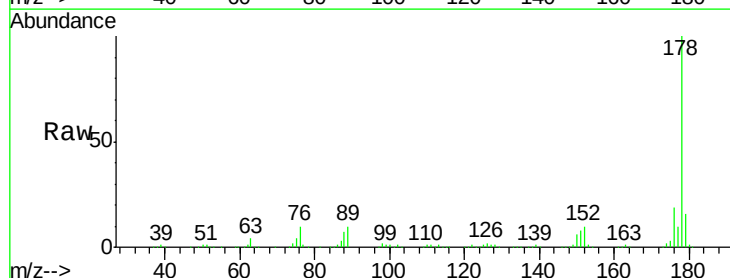
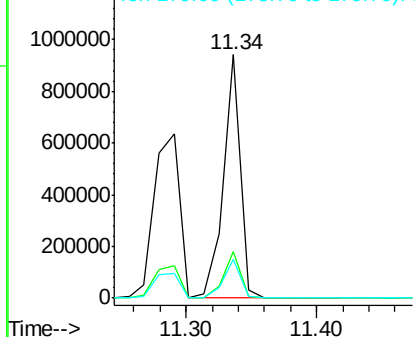
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

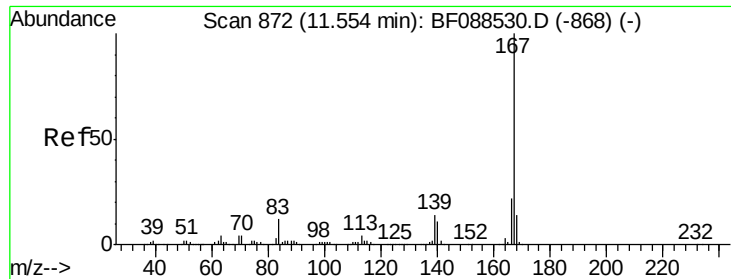


#71
Anthracene
Concen: 41.80 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:178 Resp: 850643
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.9 12.8 19.2

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





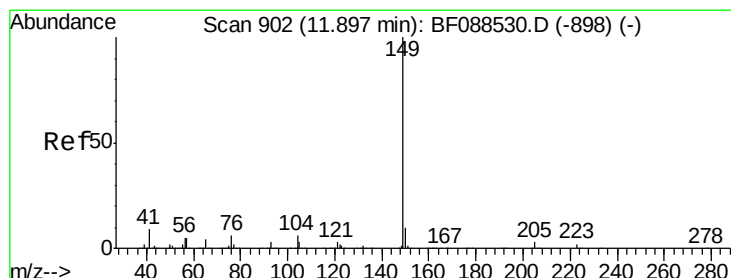
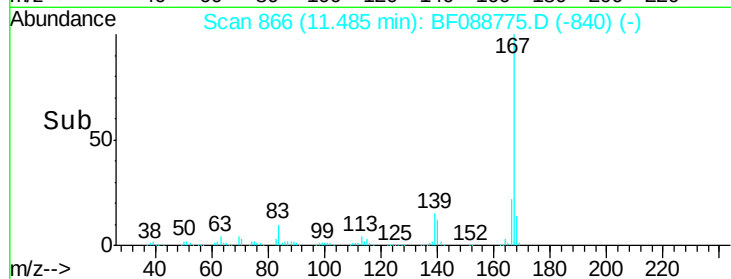
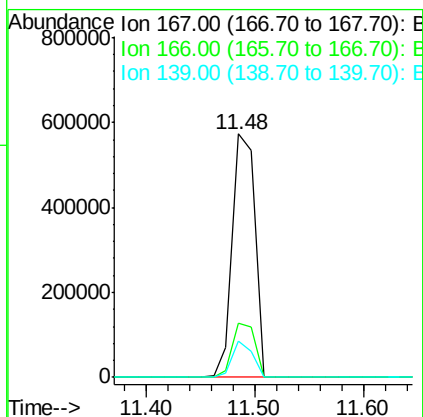
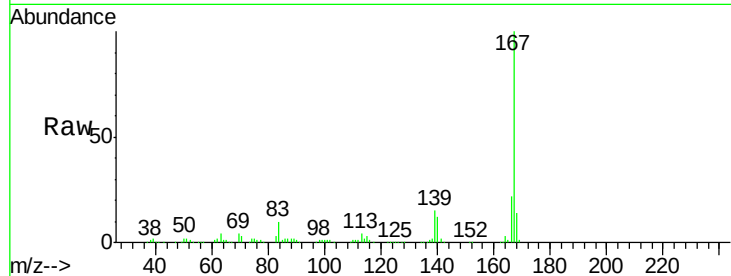
#72
 Carbazole
 Concen: 42.48 ng
 RT: 11.48 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.8	11.2	16.8

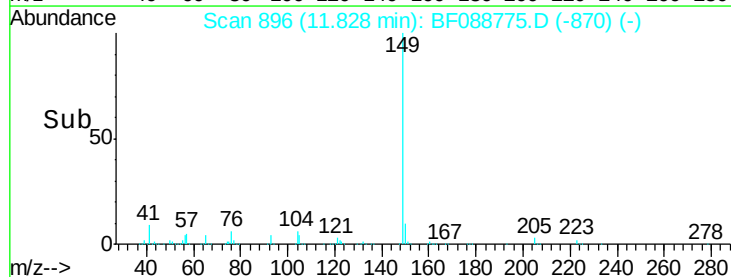
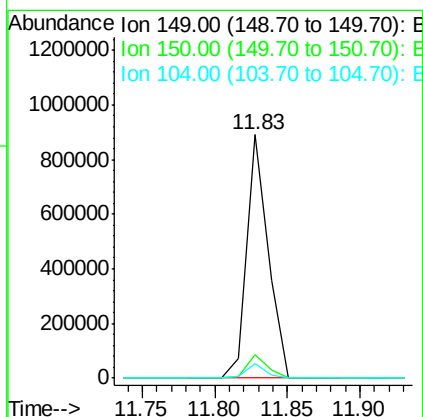
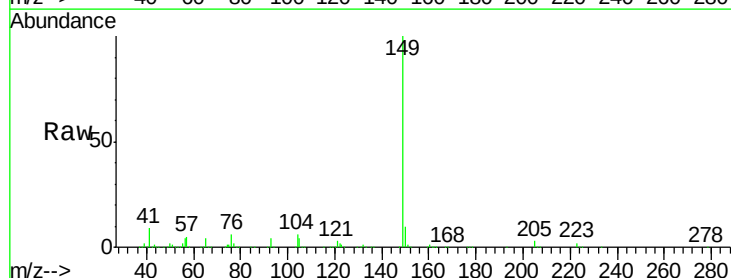
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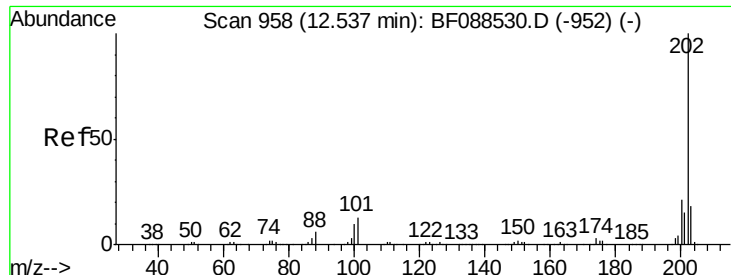
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#73
 Di-n-butylphthalate
 Concen: 40.82 ng
 RT: 11.83 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	6.1	4.0	6.0





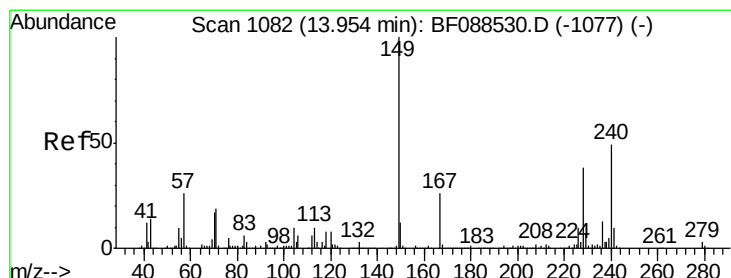
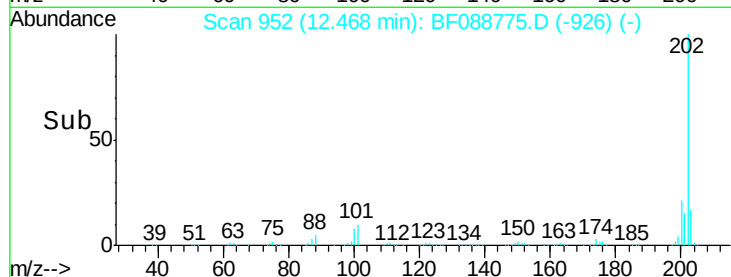
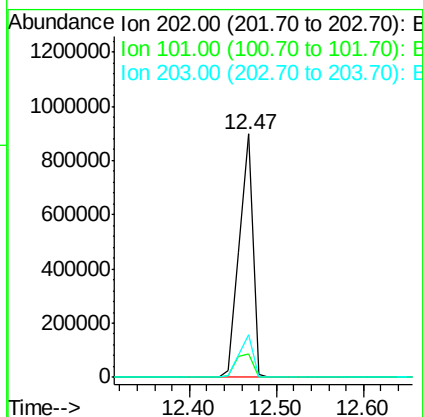
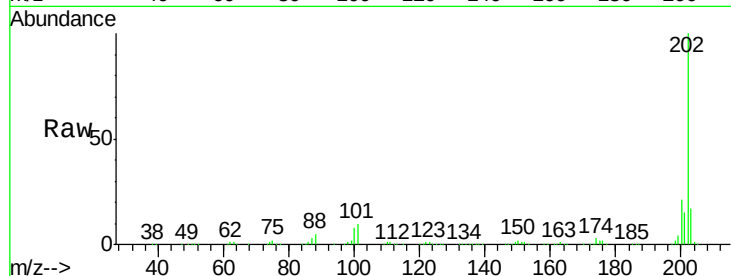
#74
Fluoranthene
 Concen: 46.22 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	33.1
203	17.4	0.0	38.1

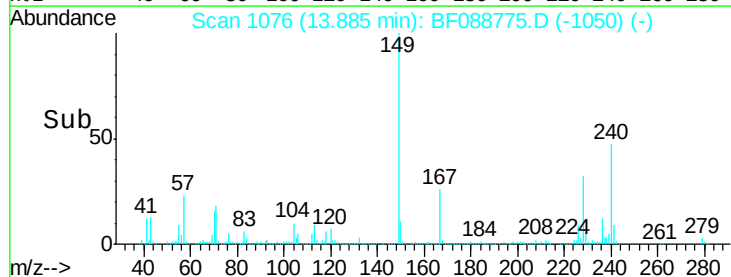
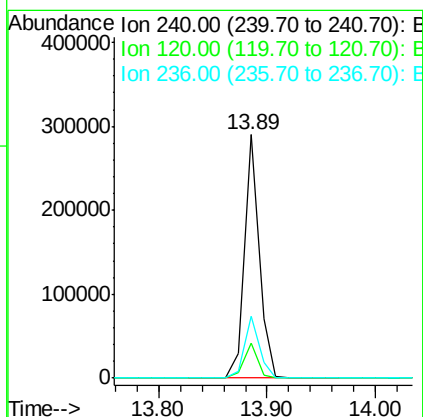
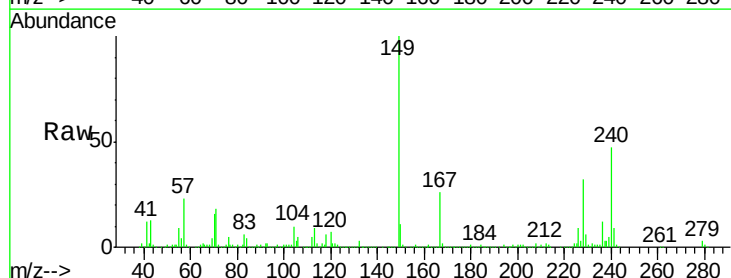
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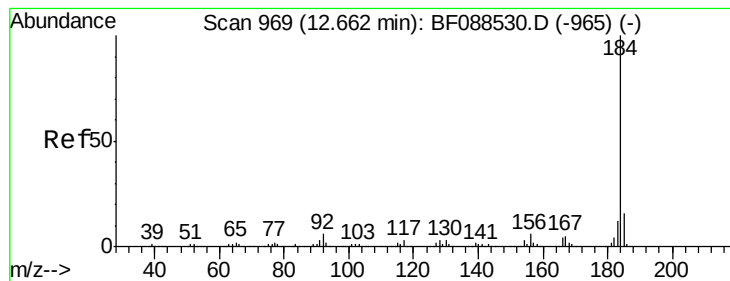
SOHIL
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	6.8	10.2#
236	25.5	20.2	30.2





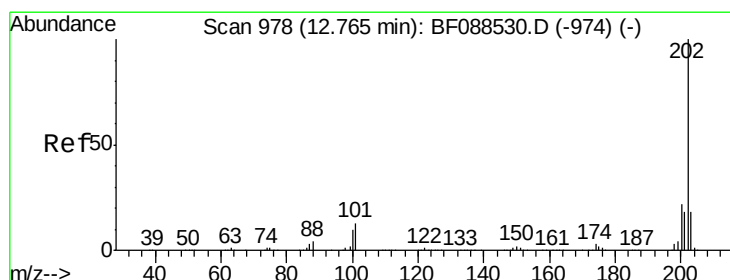
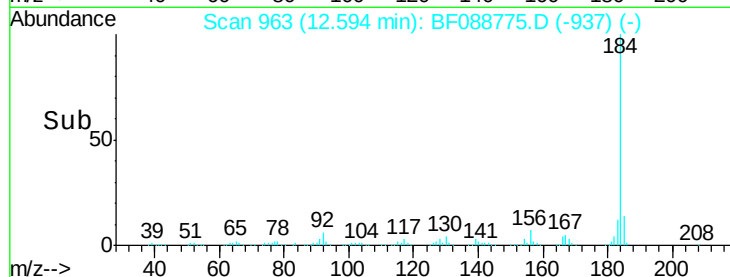
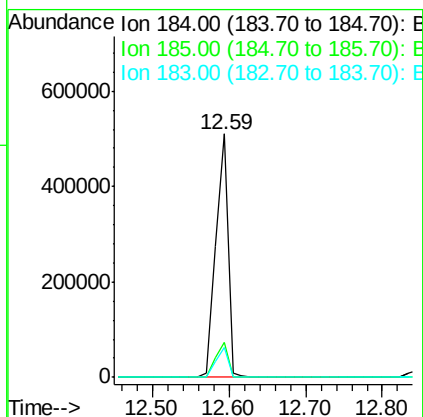
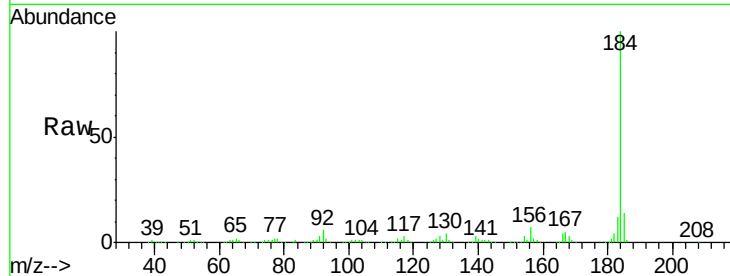
#76
Benzidine
Concen: 40.61 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.1	12.5	18.7	
183	12.2	9.3	13.9	

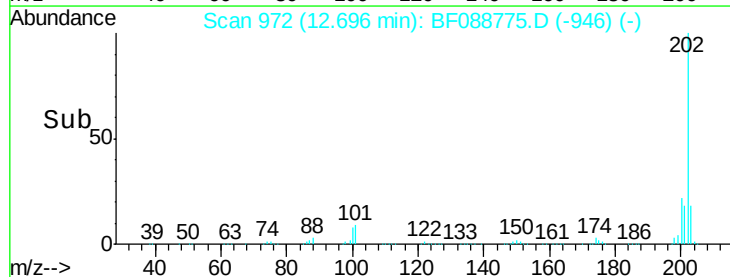
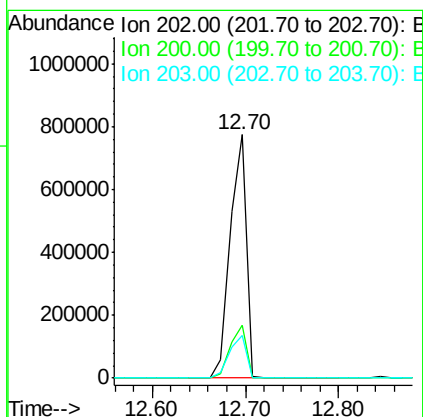
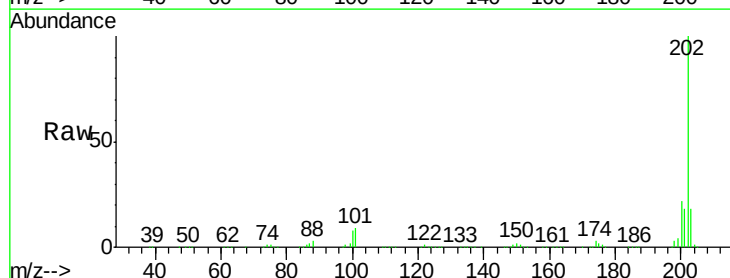
Manual Integrations
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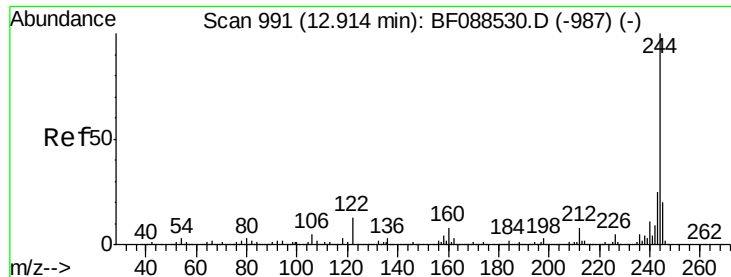
SOHIL
7/8/2016 7:03:28 AM



#77
Pyrene
Concen: 40.94 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.4	26.2	
203	17.6	14.5	21.7	





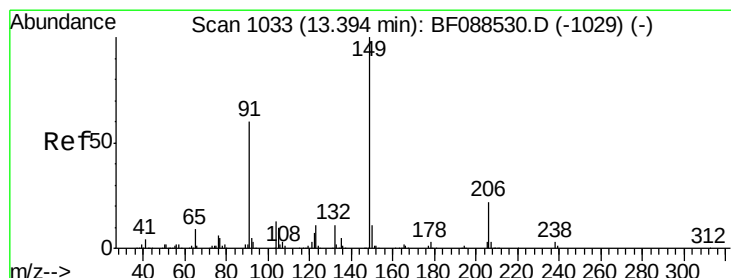
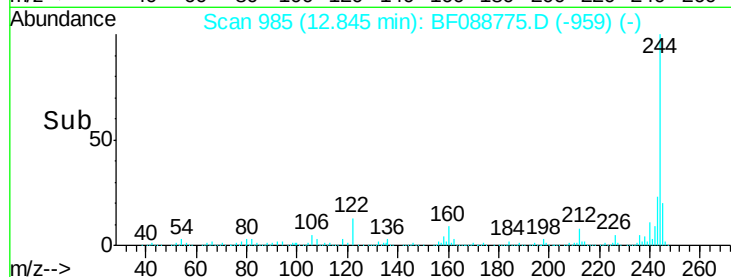
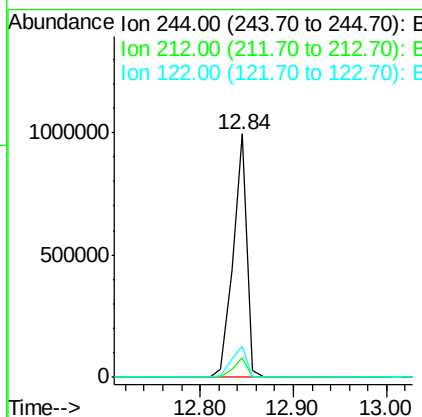
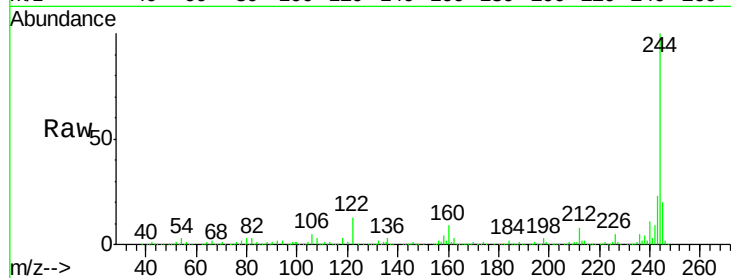
#78
 Terphenyl-d14
 Concen: 84.22 ng
 RT: 12.84 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:244 Resp: 1025160
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 12.7 11.2 16.8

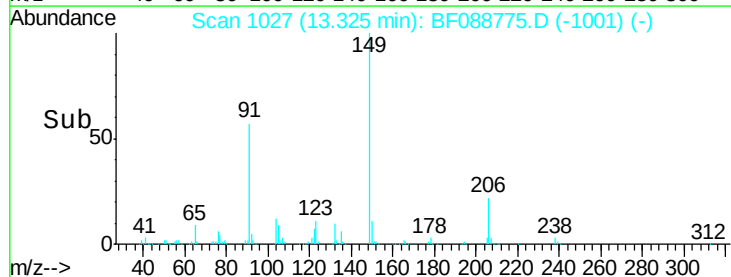
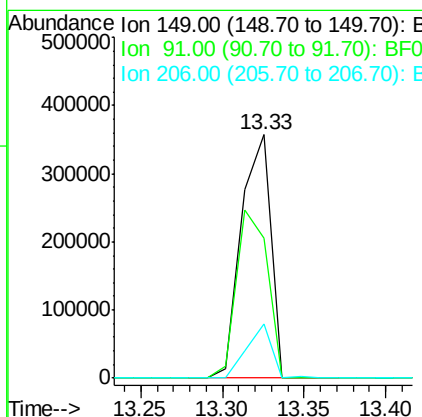
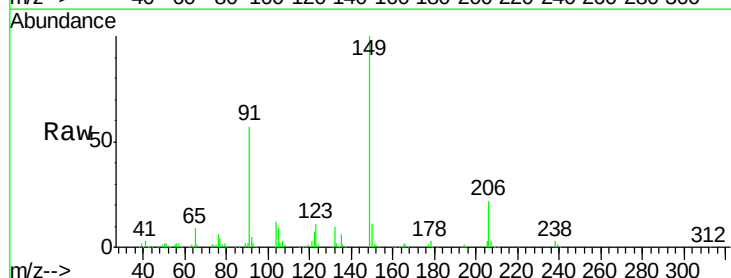
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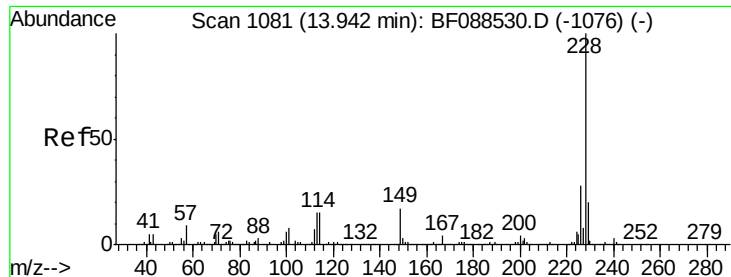
SOHIL
 7/8/2016 7:03:28 AM



#79
 Butylbenzylphthalate
 Concen: 43.55 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion:149 Resp: 446523
 Ion Ratio Lower Upper
 149 100
 91 57.2 48.0 72.0
 206 22.1 16.0 24.0





#80

Benzo(a)anthracene

Concen: 43.07 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

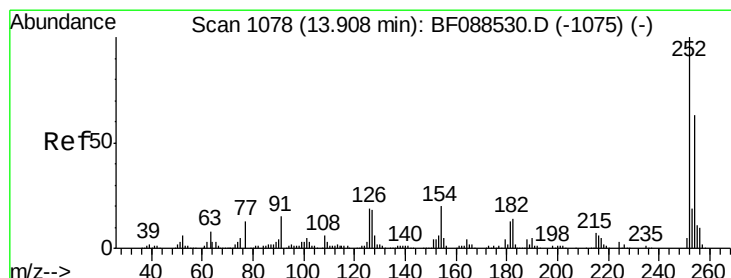
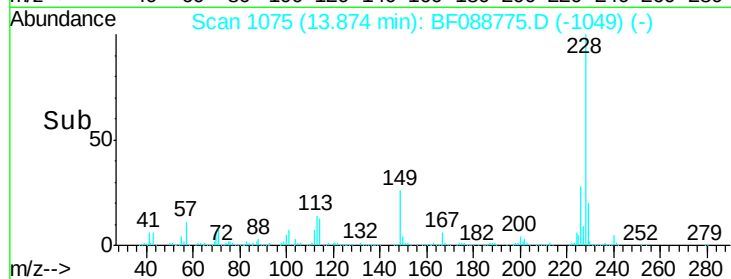
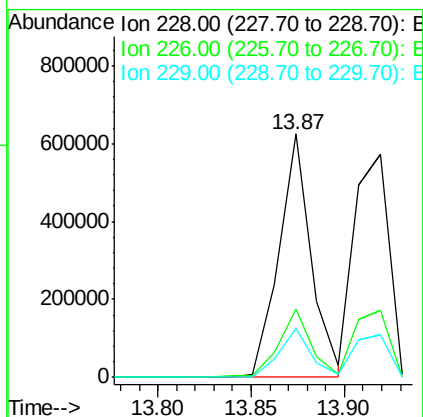
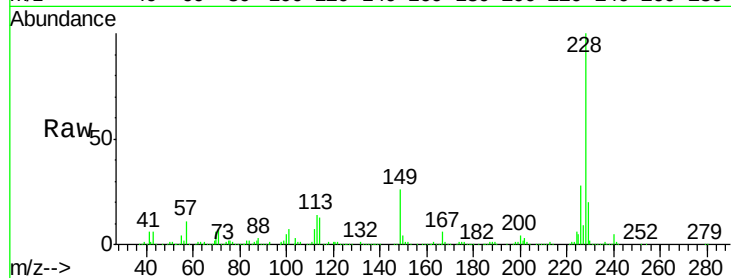
ClientSampleId :

PB91776BS

Tgt Ion:	228	Resp:	751909
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.3	33.5
229	20.2	16.0	24.0

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 22.95 ng

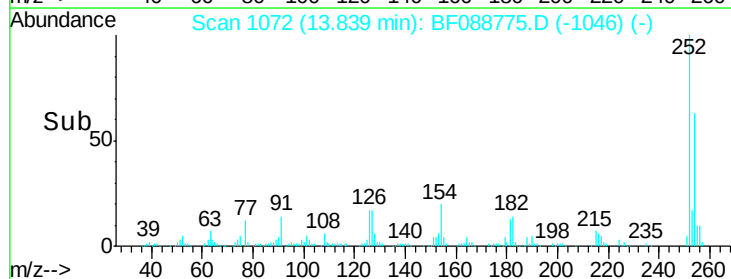
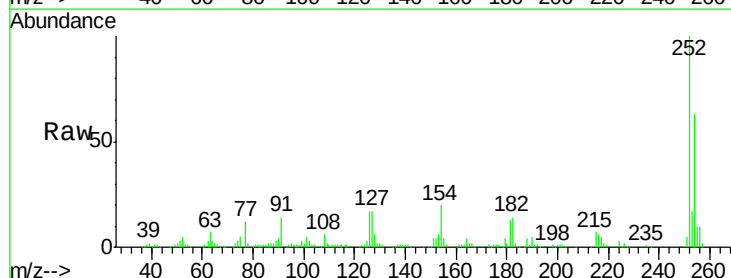
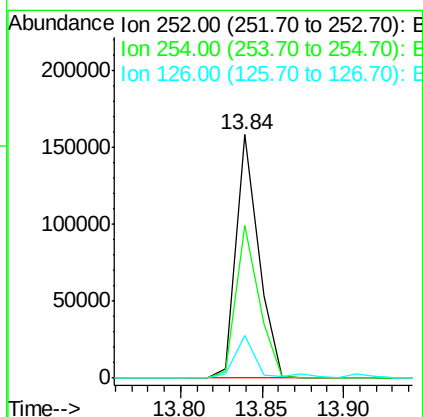
RT: 13.84 min Scan# 1072

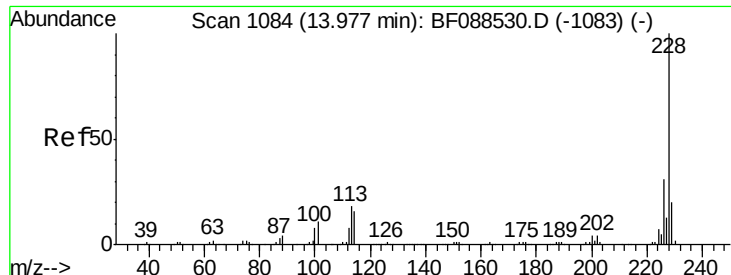
Delta R.T. 0.00 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:	252	Resp:	150620
Ion Ratio	Lower	Upper	
252	100		
254	62.7	52.6	78.8
126	17.5	6.2	9.2#





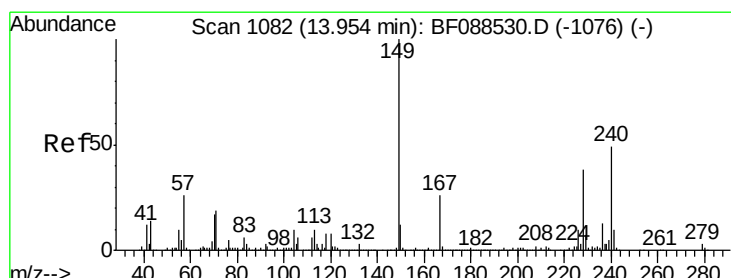
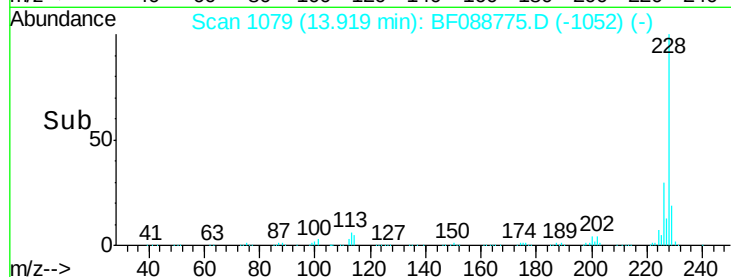
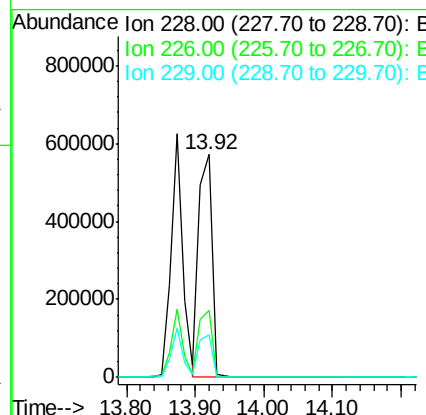
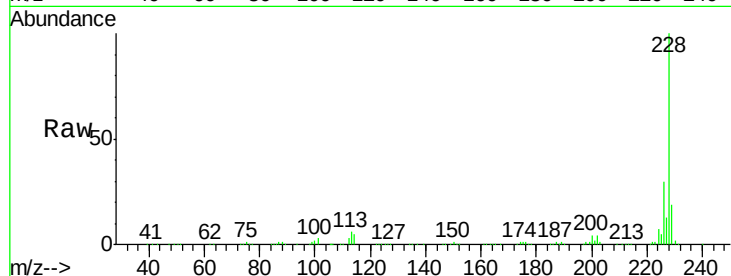
#82
Chrysene
 Concen: 43.14 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	19.2	16.3	24.5

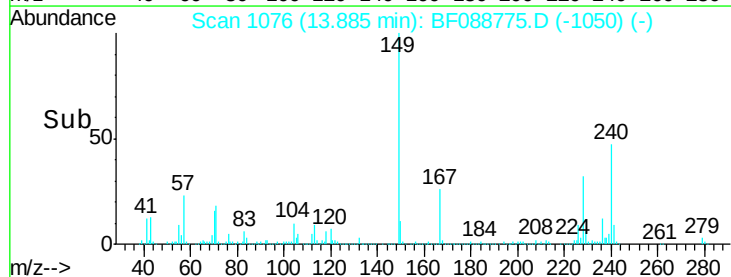
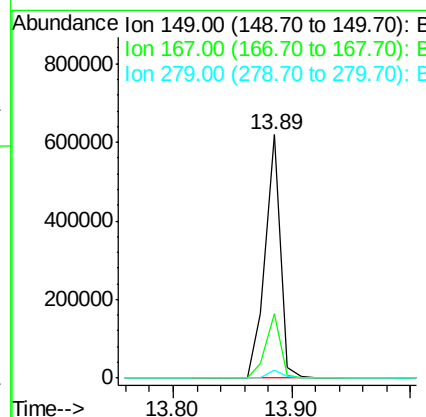
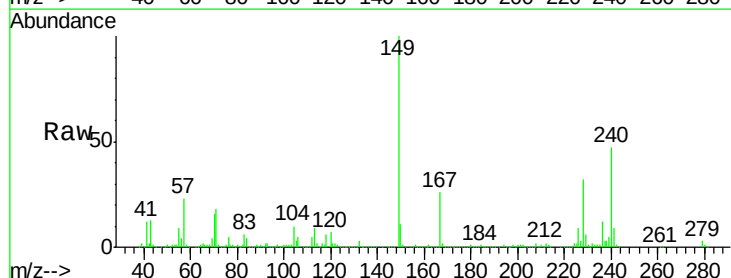
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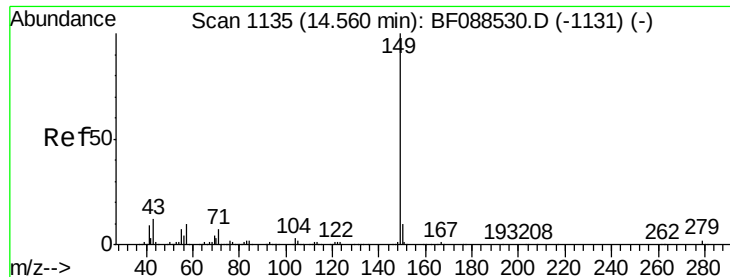
SOHIL
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 47.96 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.5	30.7
279	3.3	2.0	3.0#





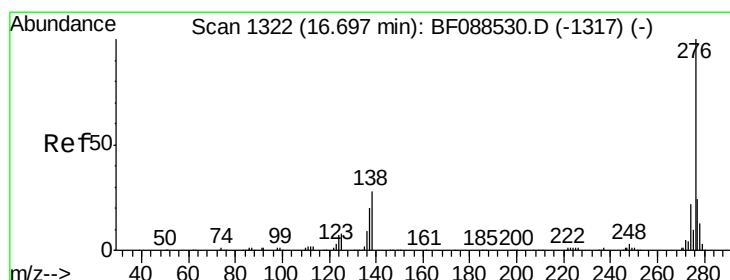
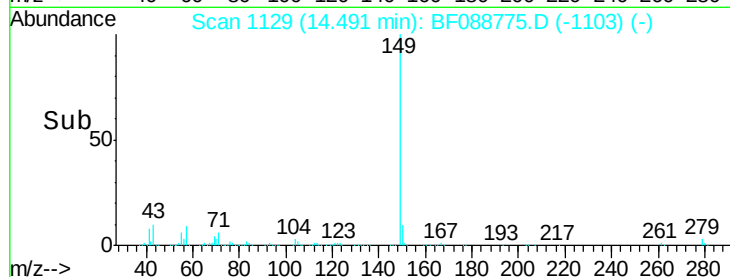
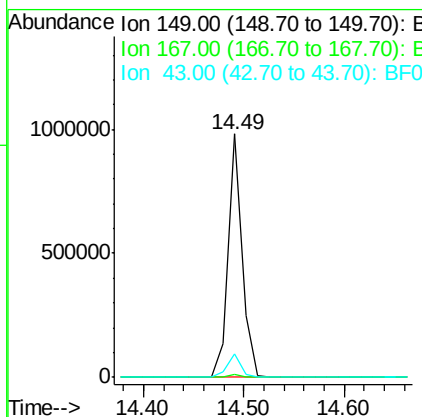
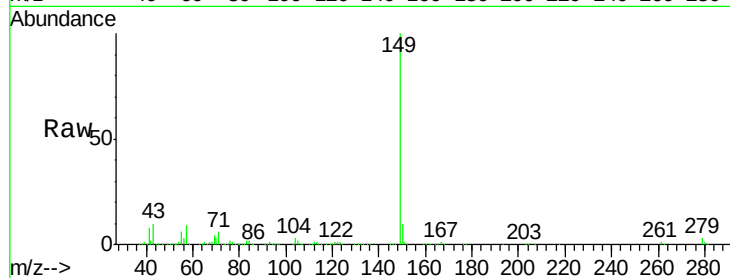
#84
Di-n-octyl phthalate
Concen: 47.40 ng
RT: 14.49 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	0.0	0.0#
43	9.3	0.0	0.0#

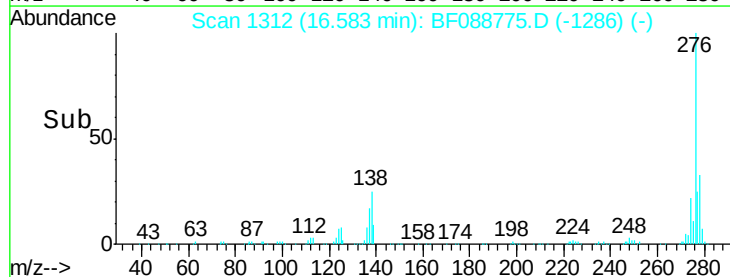
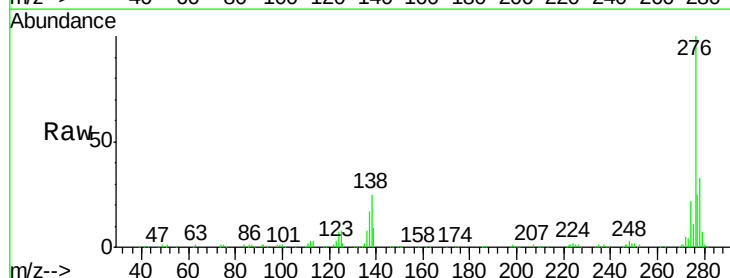
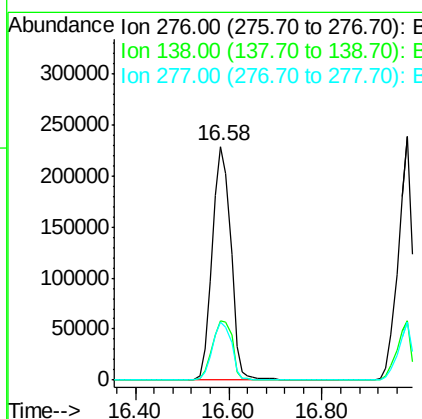
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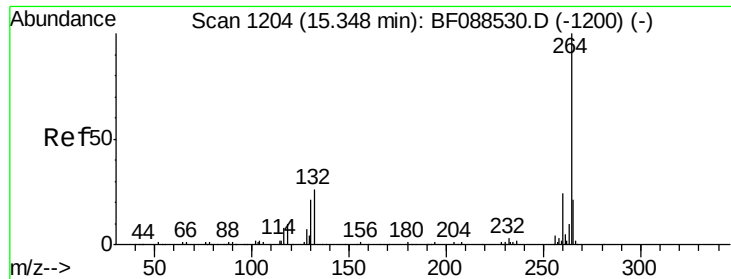
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#85
Indeno(1,2,3-cd)pyrene
Concen: 48.03 ng
RT: 16.58 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.6	0.0	0.0#
277	25.3	0.0	0.0#





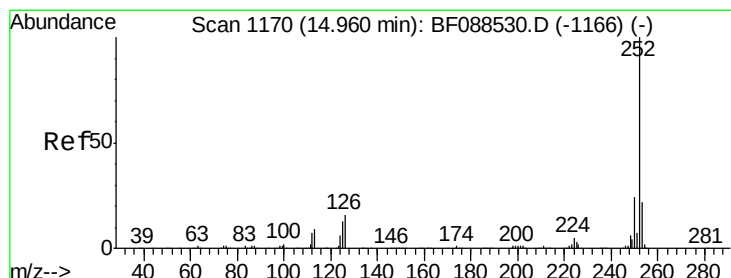
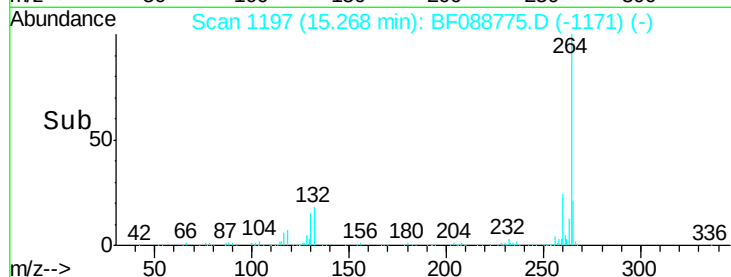
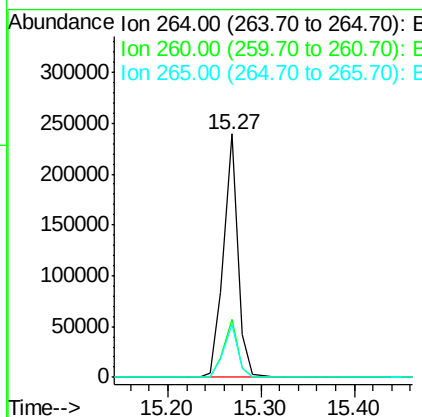
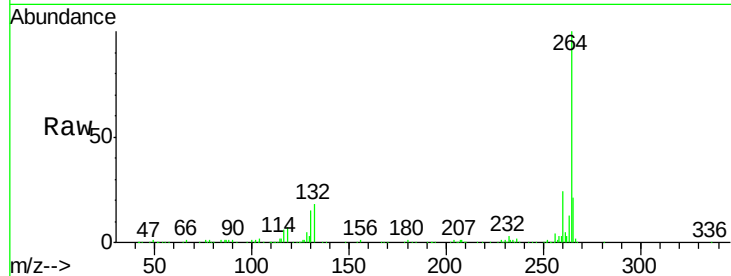
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	16.9	25.3

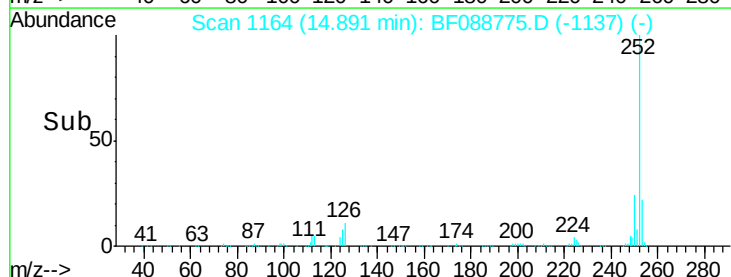
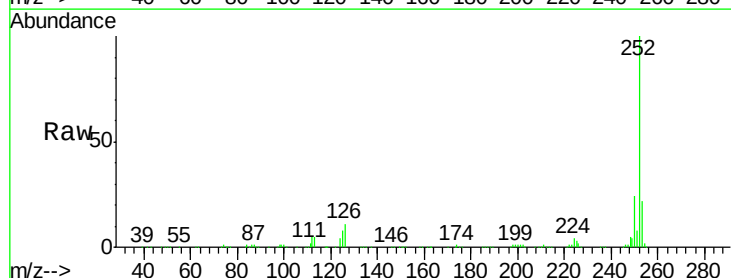
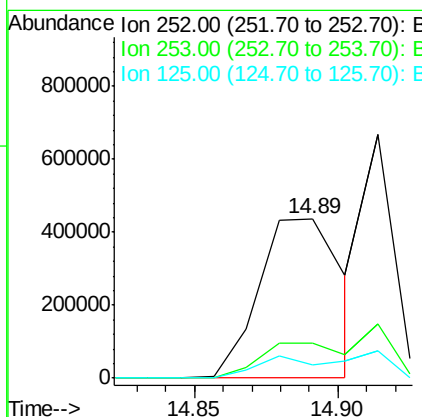
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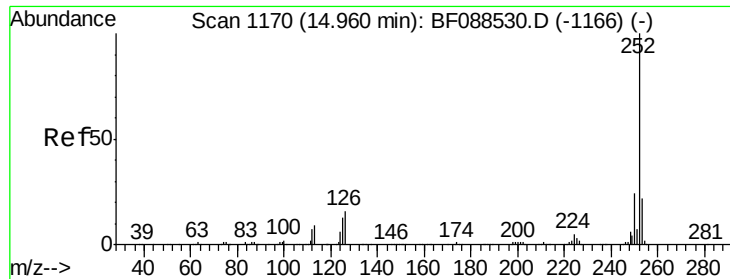
SOHIL
7/8/2016 7:03:28 AM



#87
Benzo(b)fluoranthene
Concen: 54.72 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.3	7.1	10.7





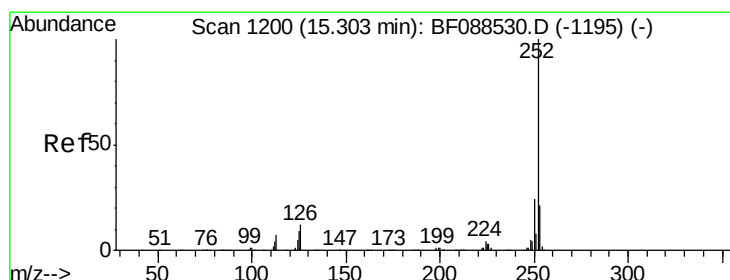
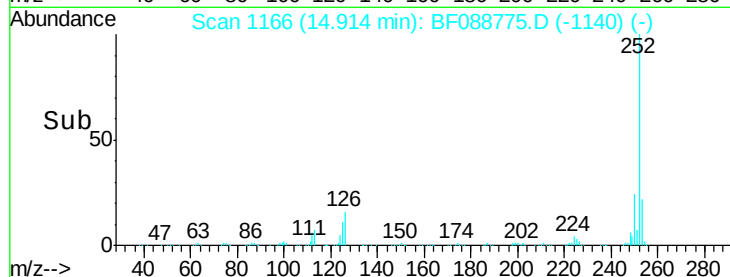
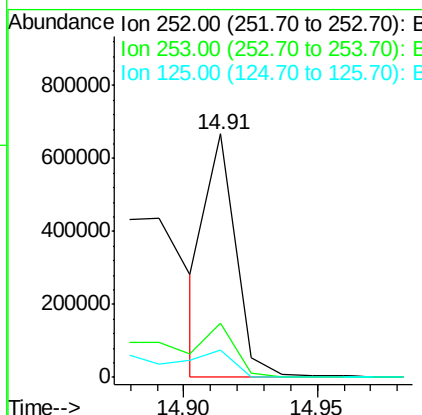
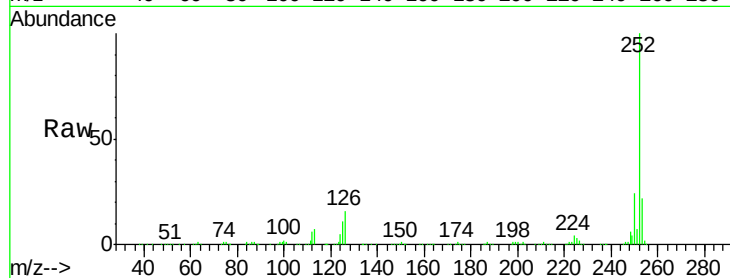
#88
Benzo(k)fluoranthene
Concen: 35.99 ng m
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.5	11.2	16.8

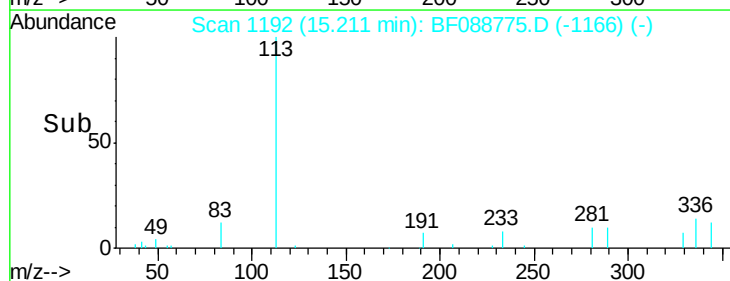
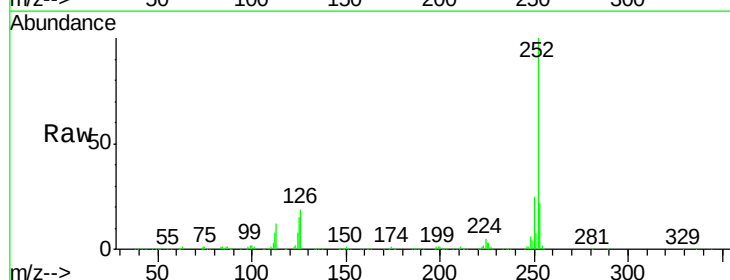
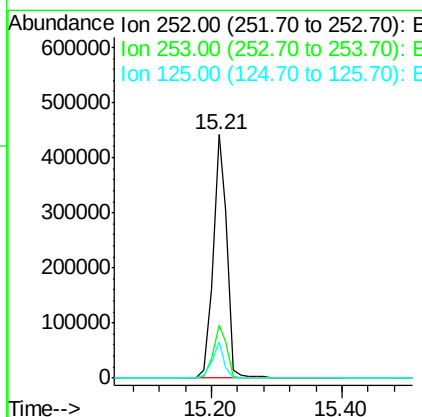
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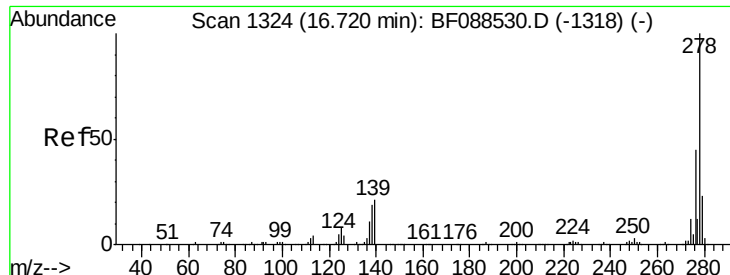
SOHIL
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#89
Benzo(a)pyrene
Concen: 47.94 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.0	12.5	18.7





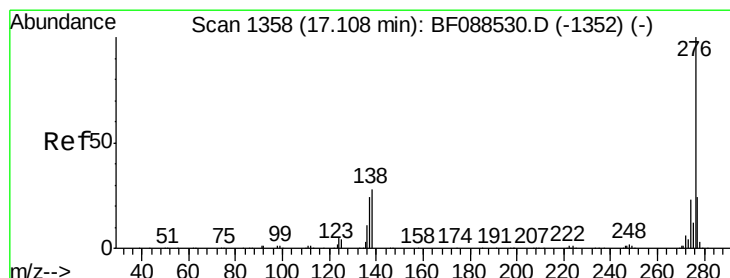
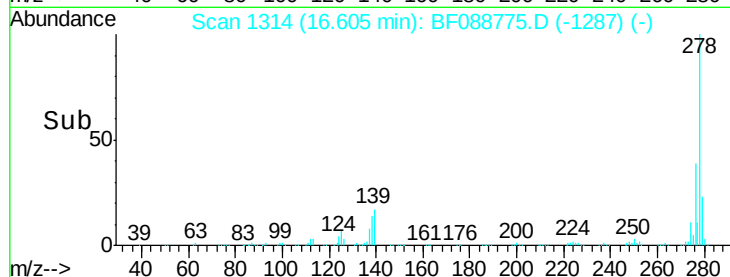
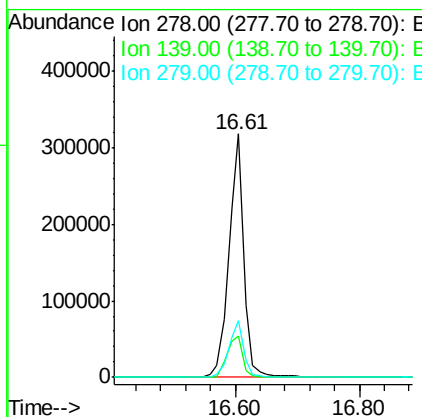
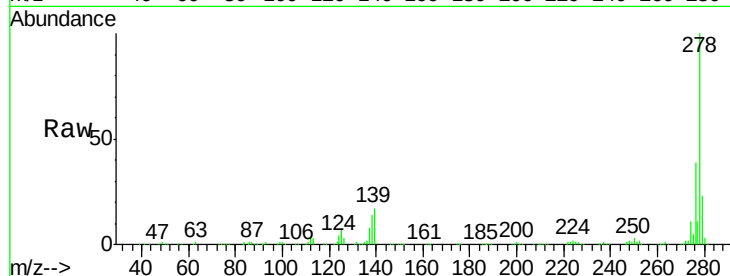
#90
 Dibenzo(a,h)anthracene
 Concen: 46.21 ng
 RT: 16.61 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.7	23.5
279	23.4	19.4	29.2

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 7/8/2016 7:03:28 AM



#91
 Benzo(g,h,i)perylene
 Concen: 42.97 ng
 RT: 16.98 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	24.2	21.4	32.2

