

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088777.D
 Acq On : 7 Jul 2016 13:44
 Operator : UM/SJ
 Sample : PB91866BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Manual Integrations
 APPROVED

SOHIL
 7/8/2016 7:03:32 AM

Quant Time: Jul 08 04:50:36 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	101687	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	405502	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	202747	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	367618	20.00	ng	0.00
75) Chrysene-d12	13.89	240	262315	20.00	ng	0.00
86) Perylene-d12	15.27	264	248371	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	694239	102.32	ng	0.02
7) Phenol-d6	6.39	99	925699	105.59	ng	0.00
23) Nitrobenzene-d5	7.31	82	666618	86.15	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	237690	126.25	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1010317	78.71	ng	0.00
78) Terphenyl-d14	12.85	244	1001259	85.02	ng	0.00

Target Compounds						Qvalue
3) Pyridine	3.03	79	269933	27.65	ng	93
4) n-Nitrosodimethylamine	2.99	42	121523	32.59	ng	89
6) Aniline	6.41	93	332565	26.03	ng	94
8) 2-Chlorophenol	6.52	128	268024	36.75	ng	94
9) Benzaldehyde	6.28	77	219085	36.89	ng	89
10) Phenol	6.40	94	306621	30.64	ng	# 55
11) bis(2-Chloroethyl)ether	6.49	93	290875	38.98	ng	# 81
12) 1,3-Dichlorobenzene	6.68	146	308451	38.44	ng	96
13) 1,4-Dichlorobenzene	6.76	146	289640	36.36	ng	97
14) 1,2-Dichlorobenzene	6.91	146	286660m	38.45	ng	
15) Benzyl Alcohol	6.89	79	251266	38.94	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	323857	29.97	ng	89
17) 2-Methylphenol	7.00	107	242696	40.80	ng	96
18) Hexachloroethane	7.26	117	119067	38.65	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	215518	36.60	ng	93
20) 3+4-Methylphenols	7.16	107	294057	41.19	ng	96
22) Acetophenone	7.15	105	414001	42.06	ng	# 89
24) Nitrobenzene	7.32	77	294277	37.72	ng	# 82
25) Isophorone	7.58	82	599917	41.85	ng	98
26) 2-Nitrophenol	7.64	139	151525	47.36	ng	96
27) 2,4-Dimethylphenol	7.69	122	262648	39.42	ng	88
28) bis(2-Chloroethoxy)methane	7.78	93	349163	37.43	ng	# 96
29) 2,4-Dichlorophenol	7.88	162	226415	42.04	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	249334	42.19	ng	97
31) Naphthalene	8.04	128	803366	40.19	ng	100
32) Benzoic acid	7.84	122	180457	37.30	ng	93
33) 4-Chloroaniline	8.10	127	187588	21.09	ng	95
34) Hexachlorobutadiene	8.17	225	137408	43.42	ng	98
35) Caprolactam	8.48	113	83006m	45.38	ng	
36) 4-Chloro-3-methylphenol	8.59	107	292307	45.90	ng	92
37) 2-Methylnaphthalene	8.74	142	569308	44.23	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	246082	36.49	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	255057	77.06	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	179869	40.46	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	168018	43.92	ng	# 88
45) 1,1'-Biphenyl	9.21	154	702712	41.86	ng	97
46) 2-Chloronaphthalene	9.23	162	539199	40.91	ng	96
47) 2-Nitroaniline	9.32	65	164382	35.14	ng	97
48) Acenaphthylene	9.64	152	863744	41.19	ng	99
49) Dimethylphthalate	9.52	163	661014	45.76	ng	99
50) 2,6-Dinitrotoluene	9.58	165	157461	49.19	ng	# 82
51) Acenaphthene	9.82	154	628940m	48.93	ng	
52) 3-Nitroaniline	9.74	138	97624	23.99	ng	94
53) 2,4-Dinitrophenol	9.85	184	169530	119.94	ng	90
54) Dibenzofuran	9.99	168	725000	43.09	ng	# 87
55) 4-Nitrophenol	9.91	139	228596	73.92	ng	91
56) 2,4-Dinitrotoluene	9.98	165	172141	41.13	ng	# 45
57) Fluorene	10.33	166	601719	46.41	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	130853	44.21	ng	# 48
59) Diethylphthalate	10.22	149	644625	44.47	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	229150	38.04	ng	# 84
61) 4-Nitroaniline	10.35	138	134234	34.28	ng	81
62) Azobenzene	10.48	77	688552	41.64	ng	94
64) 4,6-Dinitro-2-methylphenol	10.39	198	108358	55.11	ng	# 59
65) n-Nitrosodiphenylamine	10.44	169	502971	40.43	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	167518	45.22	ng	# 88
67) Hexachlorobenzene	10.88	284	179453	43.76	ng	# 70
68) Atrazine	10.97	200	163383	42.14	ng	90
69) Pentachlorophenol	11.07	266	211258	87.05	ng	98
70) Phenanthrene	11.28	178	840607	41.83	ng	100
71) Anthracene	11.34	178	855742	42.83	ng	100
72) Carbazole	11.49	167	774492	41.18	ng	99
73) Di-n-butylphthalate	11.83	149	912280	41.70	ng	# 99
74) Fluoranthene	12.47	202	933627	45.83	ng	96
76) Benzidine	12.59	184	550950	41.55	ng	97
77) Pyrene	12.70	202	929904	41.81	ng	99
79) Butylbenzylphthalate	13.33	149	446616	45.02	ng	99
80) Benzo(a)anthracene	13.87	228	719981	42.63	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	138611	21.83	ng	# 96
82) Chrysene	13.92	228	701133	41.96	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	558638	49.32	ng	# 99
84) Di-n-octyl phthalate	14.49	149	939345	48.82	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	611093	47.53	ng	# 100
87) Benzo(b)fluoranthene	14.88	252	827528m	53.11	ng	
88) Benzo(k)fluoranthene	14.91	252	471187m	34.74	ng	
89) Benzo(a)pyrene	15.21	252	602461	45.67	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	507021	46.03	ng	# 95
91) Benzo(g,h,i)perylene	16.98	276	491090	43.08	ng	95

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

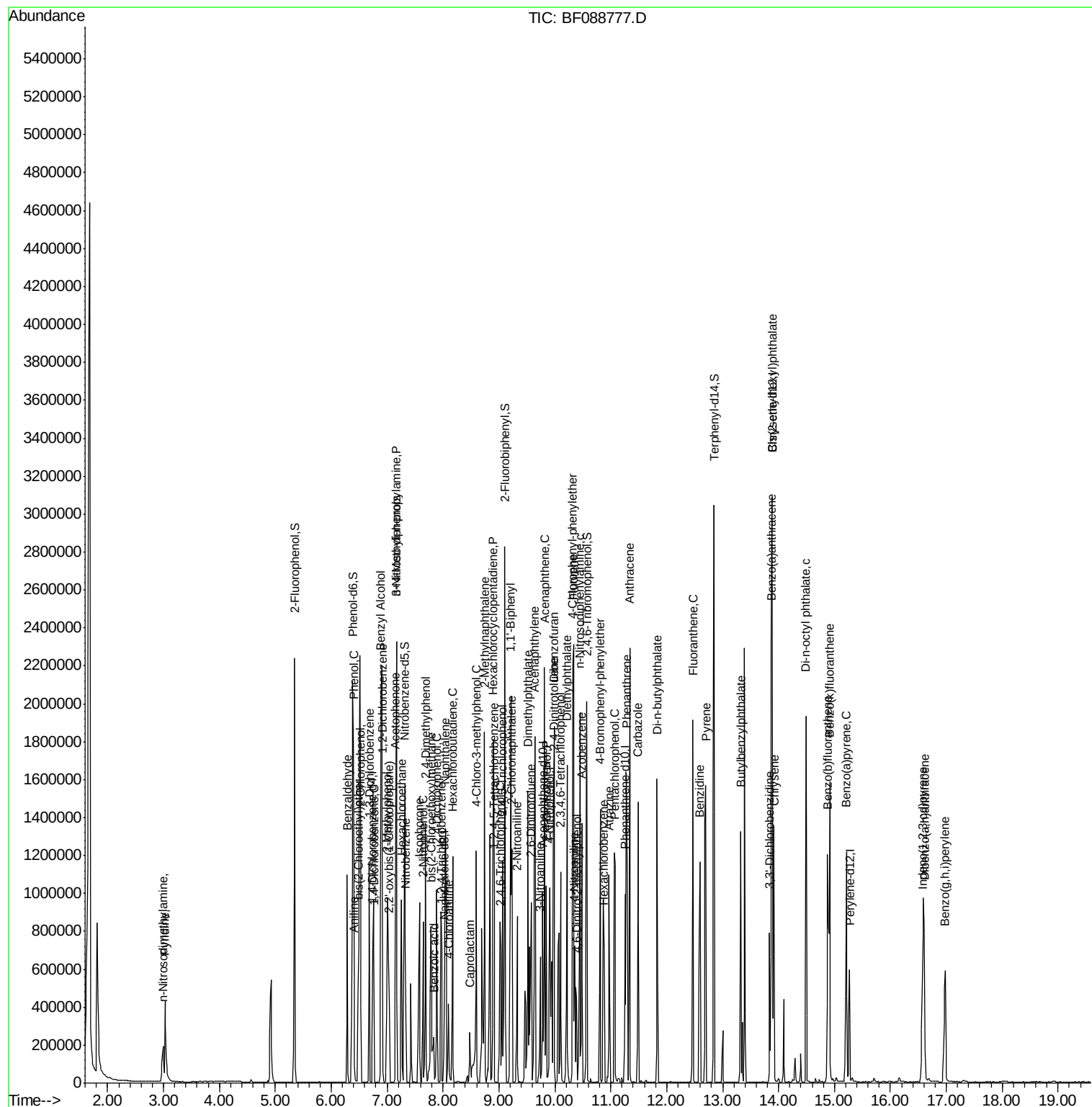
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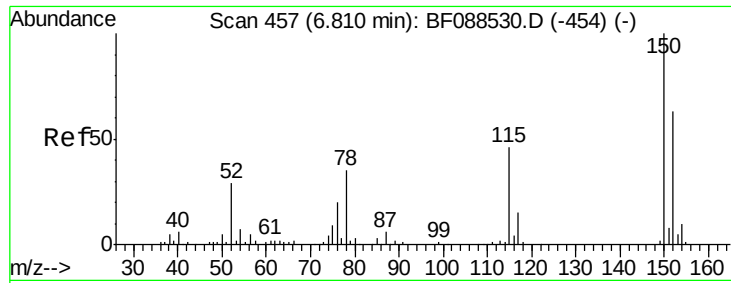
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

Tgt Ion:152 Resp: 101687
Ion Ratio Lower Upper

152 100

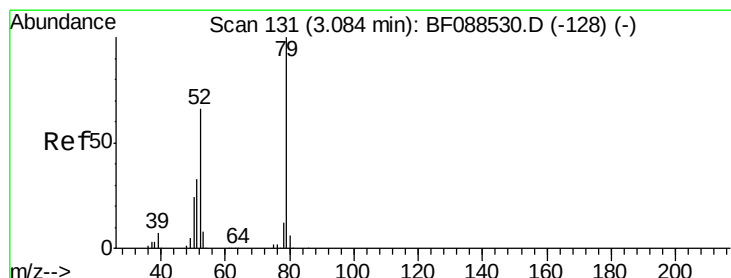
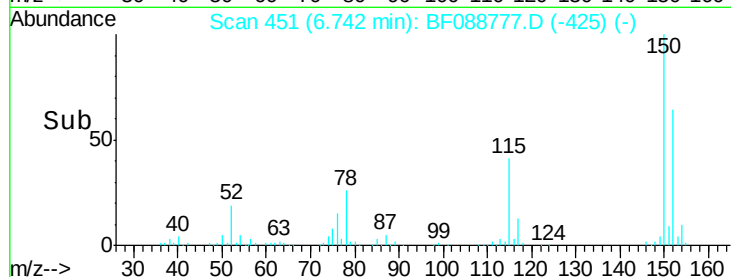
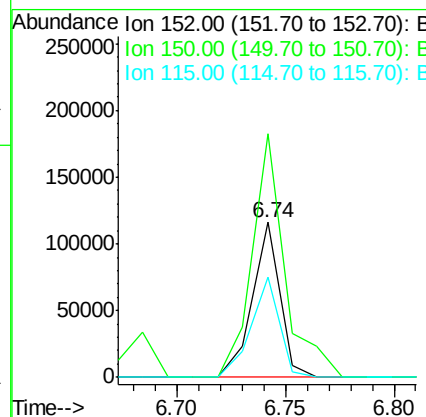
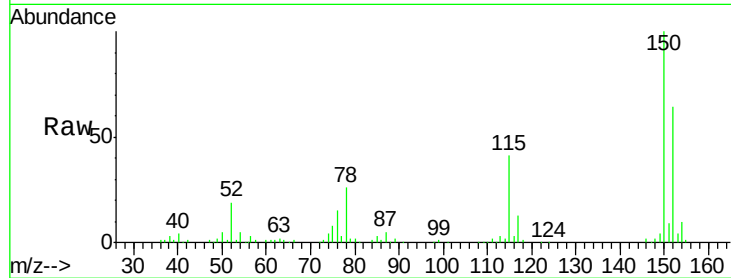
150 157.2 123.8 185.6

115 65.0 39.6 59.4#

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#3

Pyridine

Concen: 27.65 ng

RT: 3.03 min Scan# 126

Delta R.T. 0.08 min

Lab File: BF088777.D

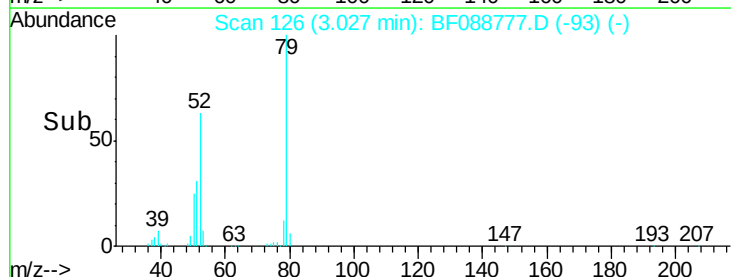
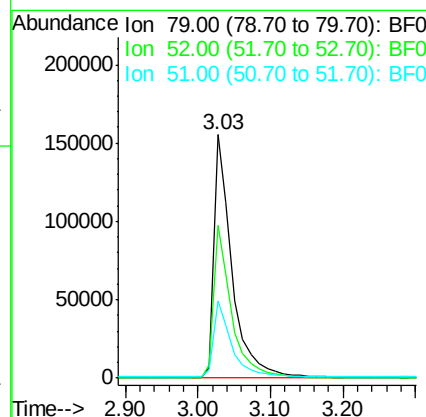
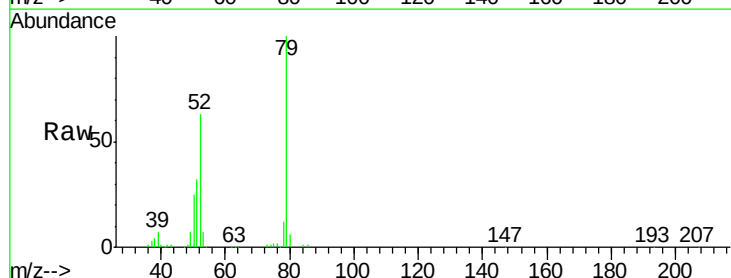
Acq: 7 Jul 2016 13:44

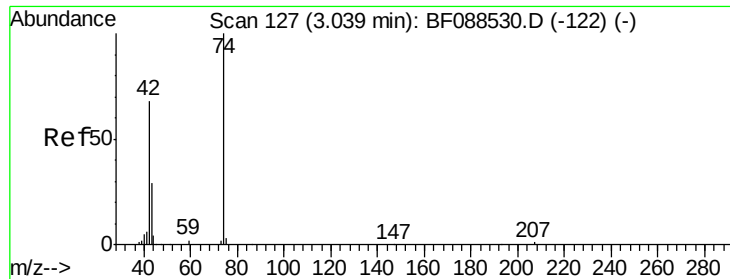
Tgt Ion: 79 Resp: 269933
Ion Ratio Lower Upper

79 100

52 63.0 56.3 84.5

51 31.9 27.4 41.2





#4

n-Nitrosodimethylamine

Concen: 32.59 ng

RT: 2.99 min Scan# 123

Delta R.T. 0.08 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

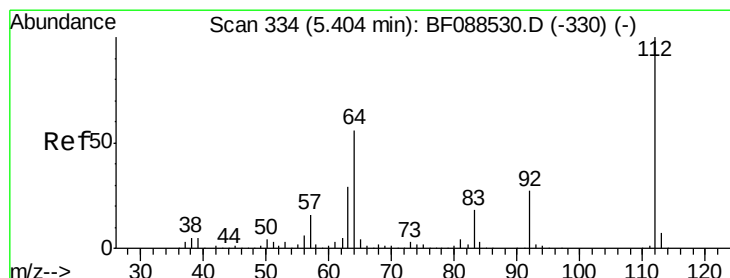
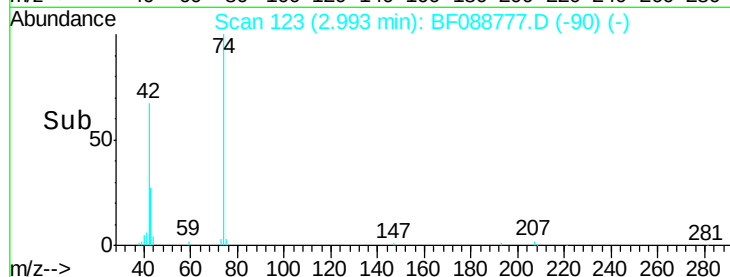
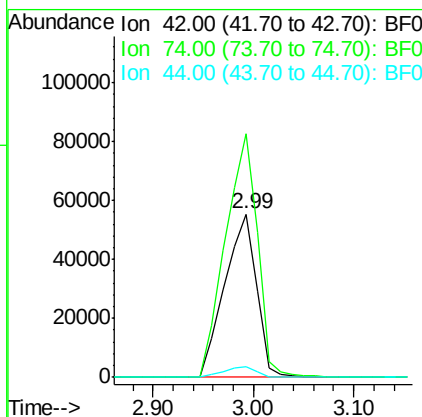
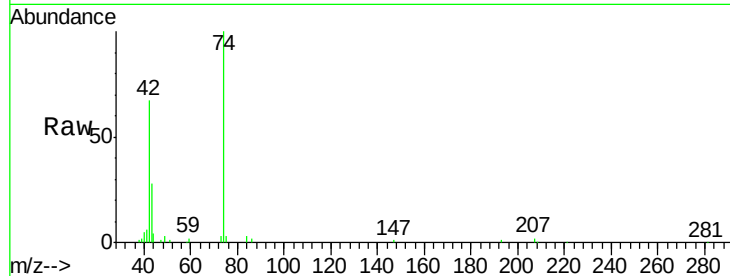
ClientSampleId :

PB91866BS

Tgt Ion:	42	Resp:	121523
Ion Ratio	Lower	Upper	
42	100		
74	149.2	108.6	163.0
44	6.6	5.5	8.3

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#5

2-Fluorophenol

Concen: 102.32 ng

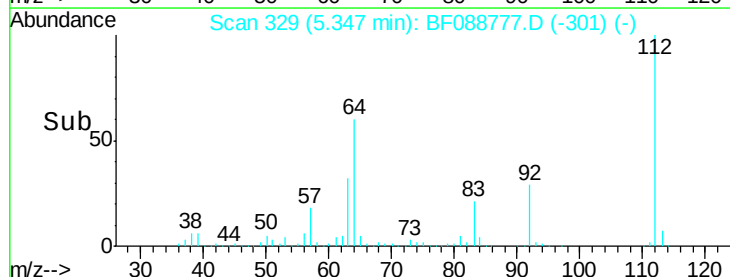
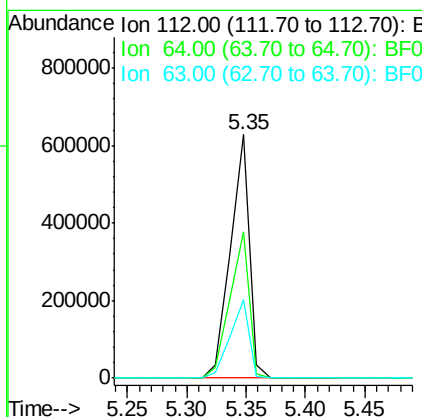
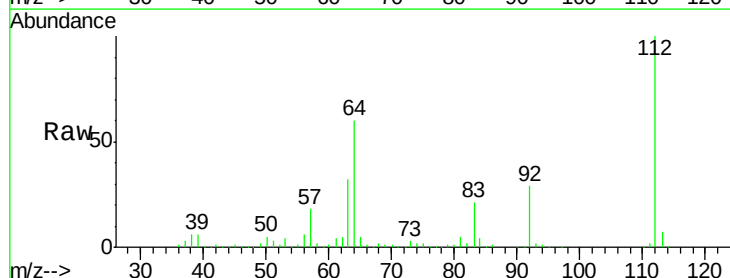
RT: 5.35 min Scan# 329

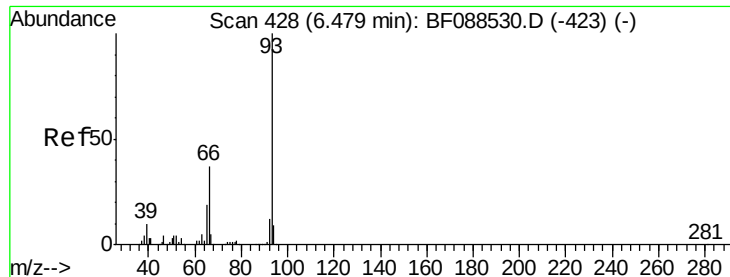
Delta R.T. 0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:	112	Resp:	694239
Ion Ratio	Lower	Upper	
112	100		
64	59.8	42.2	63.2
63	32.0	21.8	32.8





#6

Aniline

Concen: 26.03 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

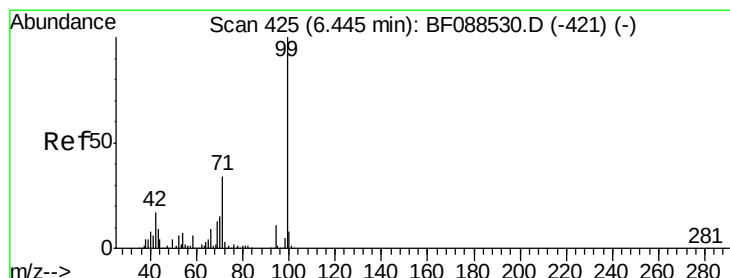
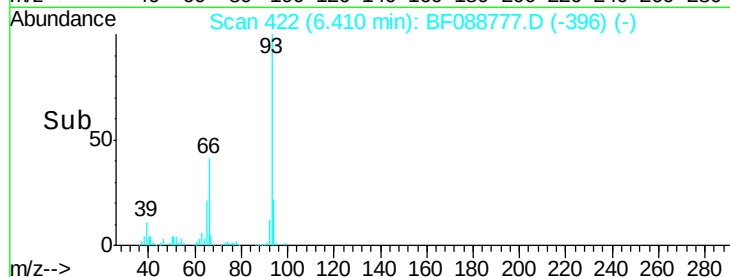
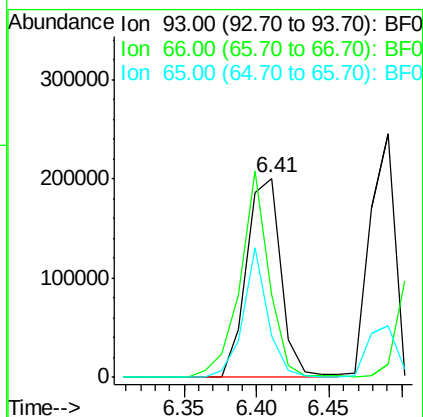
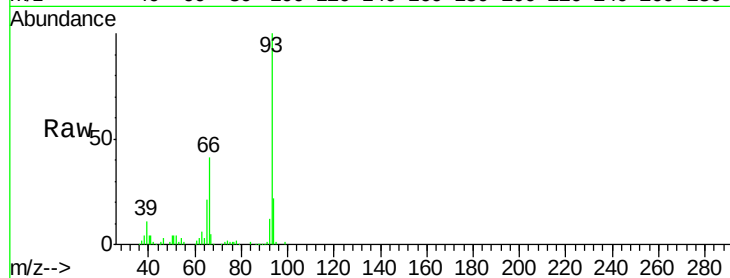
ClientSampleId :

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Tgt Ion:	93	Resp:	332565
Ion	Ratio	Lower	Upper
93	100		
66	41.2	29.8	44.8
65	20.5	14.9	22.3

Manual Integrations
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#7

Phenol-d6

Concen: 105.59 ng

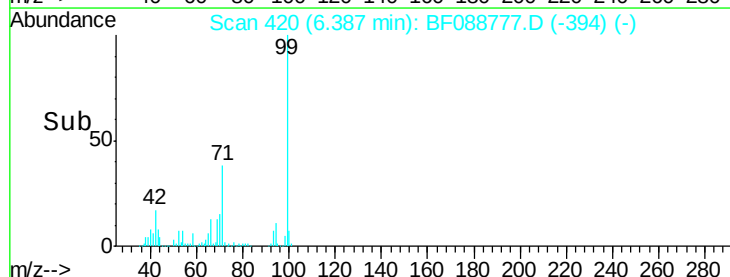
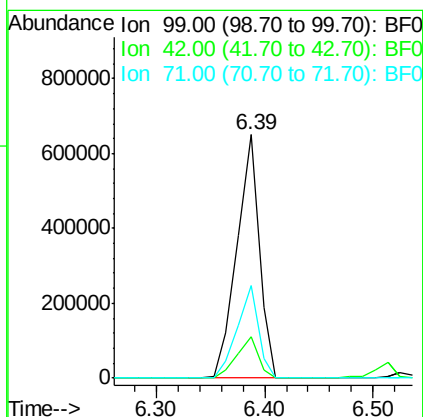
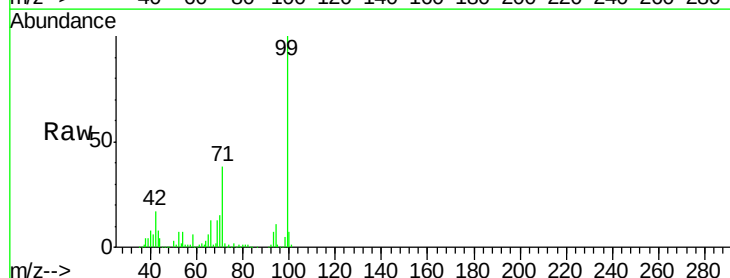
RT: 6.39 min Scan# 420

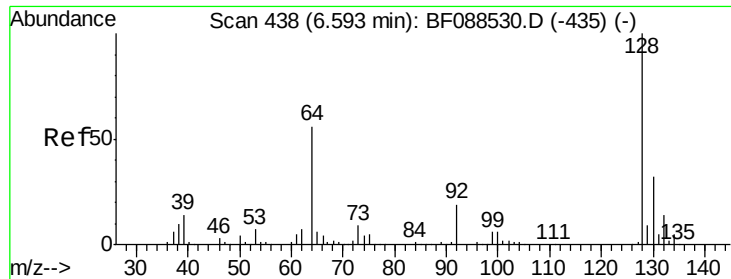
Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:	99	Resp:	925699
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	37.8	23.4	35.0#





#8

2-Chlorophenol

Concen: 36.75 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

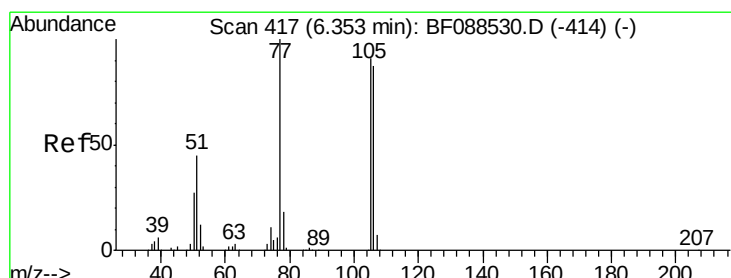
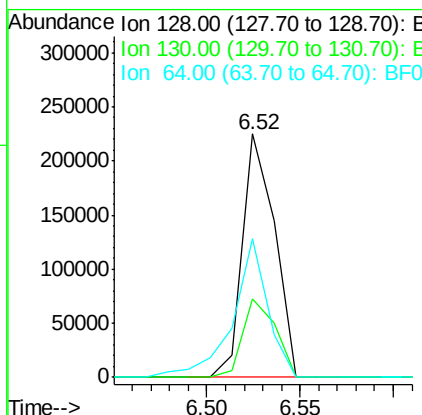
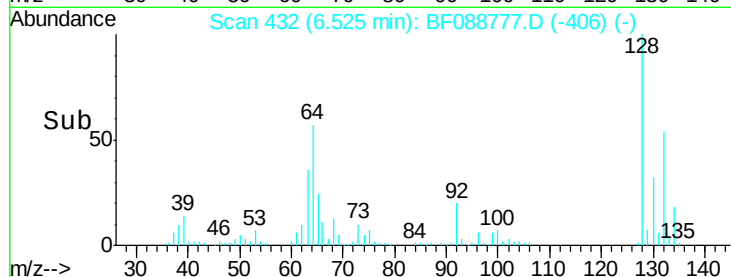
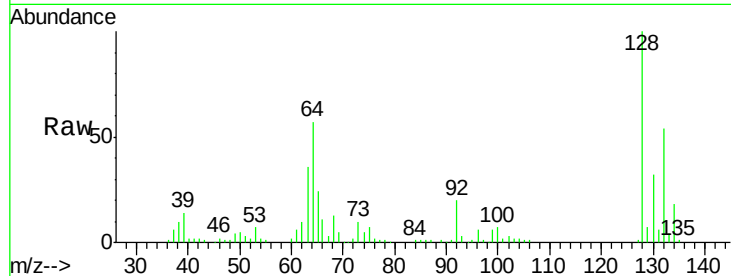
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Tgt Ion:	128	Resp:	268024
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.0	52.0
64	56.9	30.8	70.8

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#9

Benzaldehyde

Concen: 36.89 ng

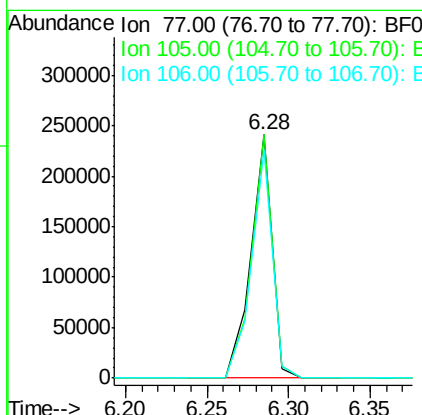
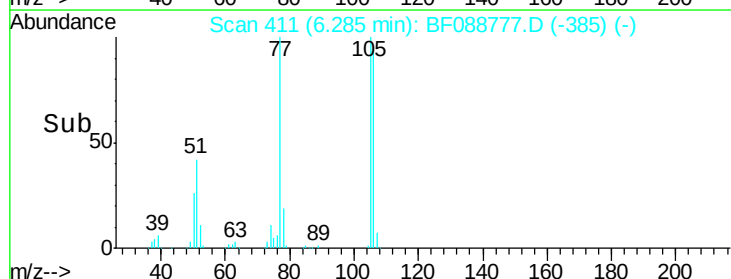
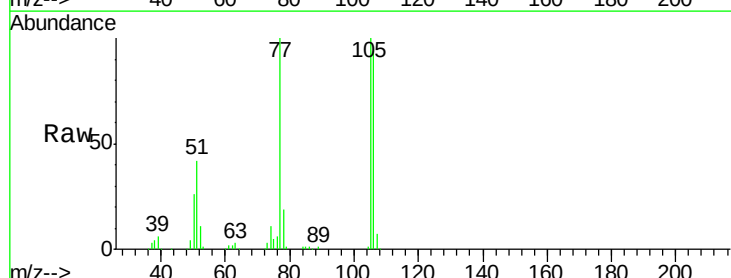
RT: 6.28 min Scan# 411

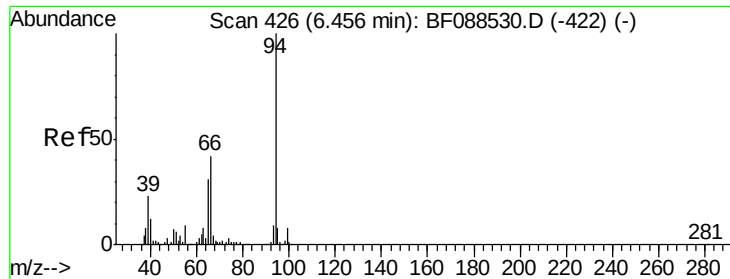
Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:	77	Resp:	219085
Ion Ratio	Lower	Upper	
77	100		
105	99.9	90.6	130.6
106	93.7	85.3	125.3





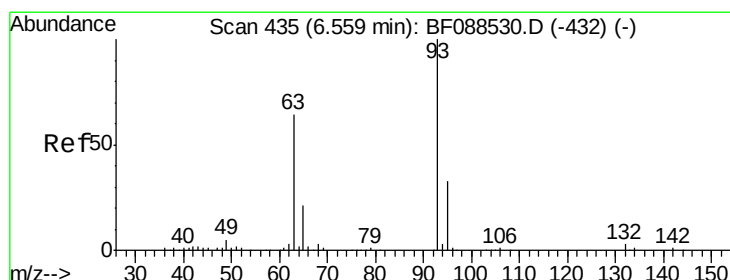
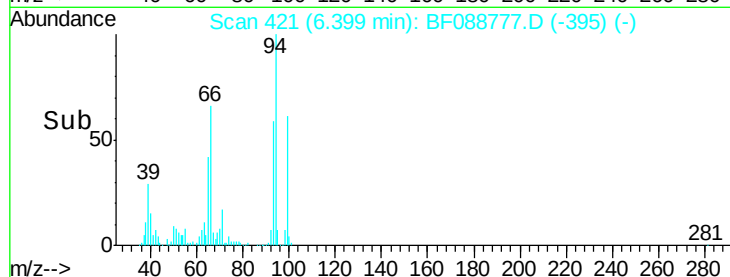
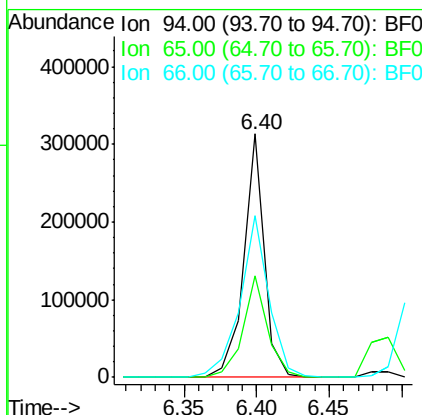
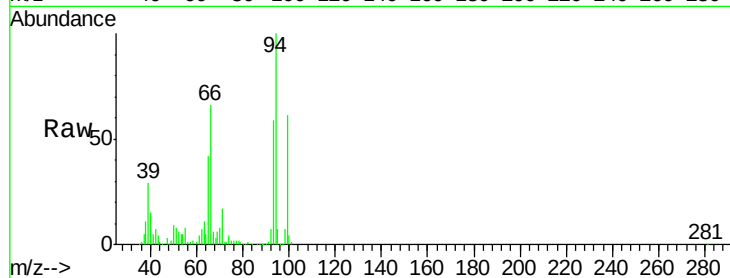
#10
Phenol
Concen: 30.64 ng
RT: 6.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.6	5.9	45.9
66	66.4	14.0	54.0#

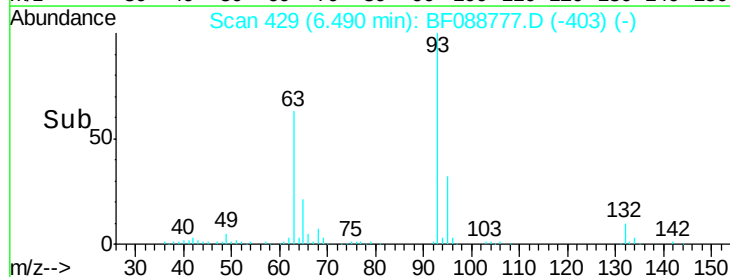
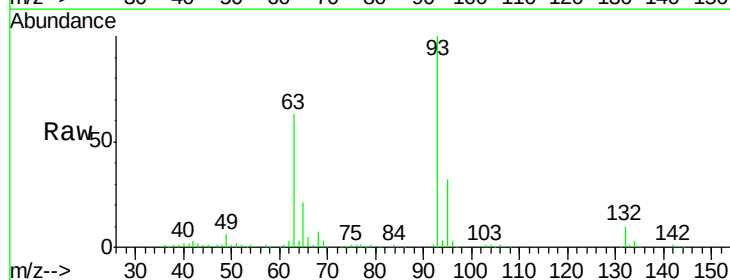
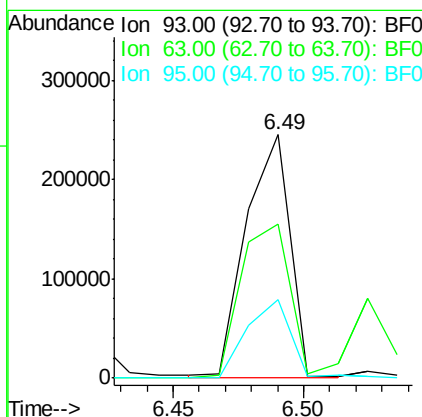
Manual Integrations
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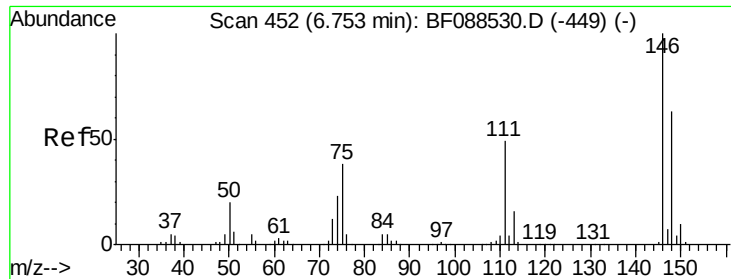
SOHIL
7/8/2016 7:03:32 AM



#11
bis(2-Chloroethyl)ether
Concen: 38.98 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
93	100		
63	63.5	67.6	107.6#
95	32.1	12.5	52.5





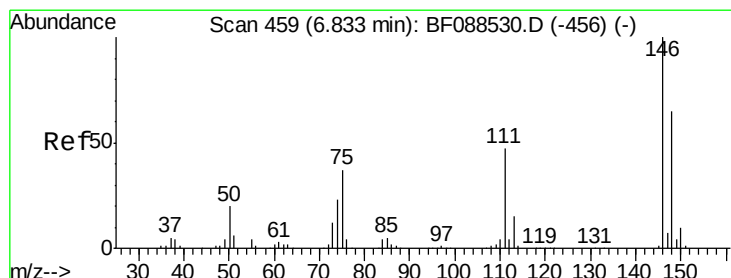
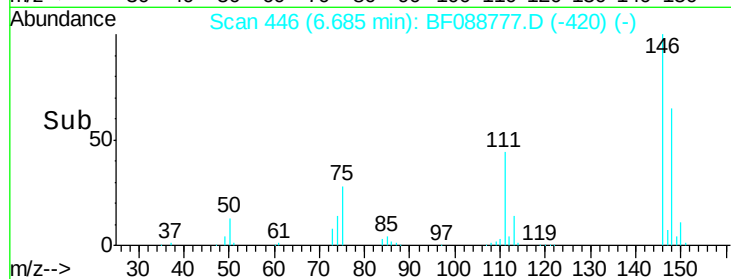
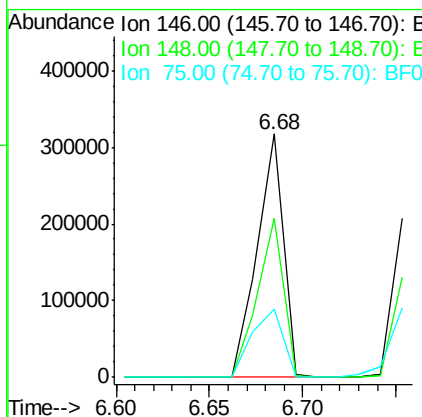
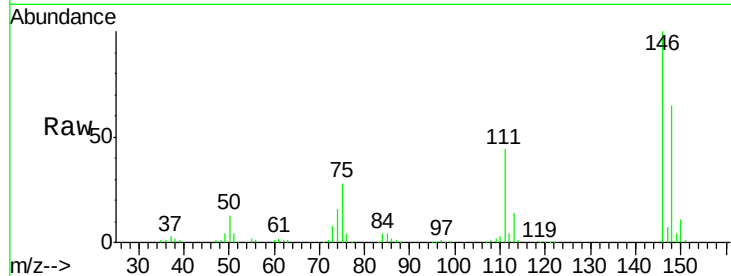
#12
 1,3-Dichlorobenzene
 Concen: 38.44 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
75	28.0	25.6	38.4

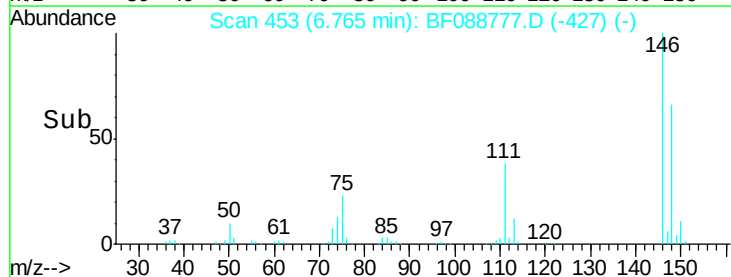
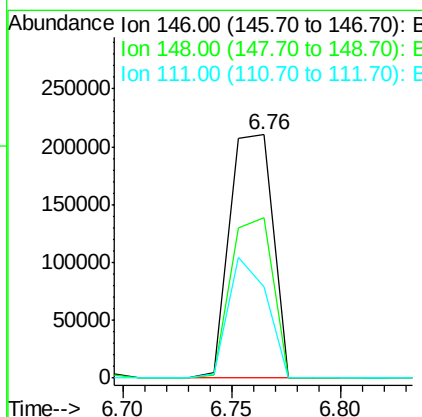
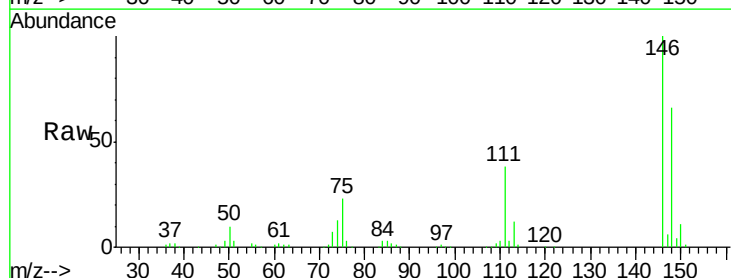
Manual Integrations
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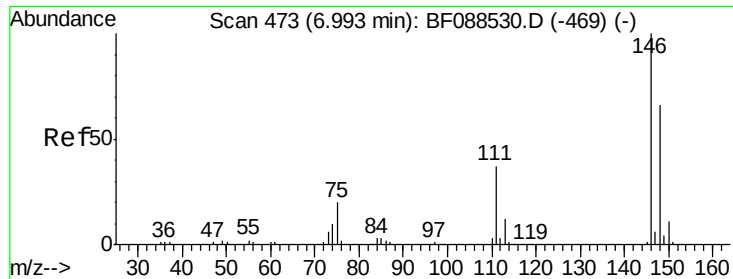
SOHIL
 7/8/2016 7:03:32 AM



#13
 1,4-Dichlorobenzene
 Concen: 36.36 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	37.6	33.8	50.8





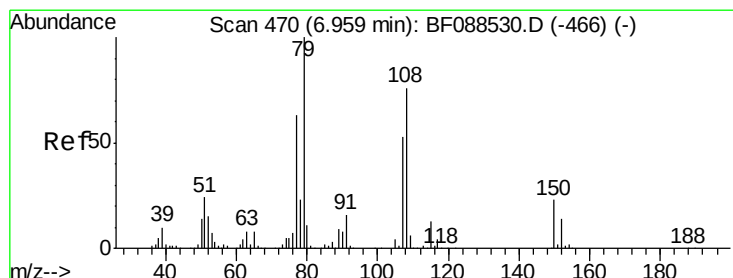
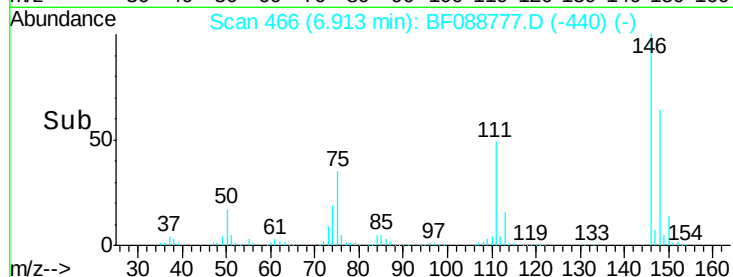
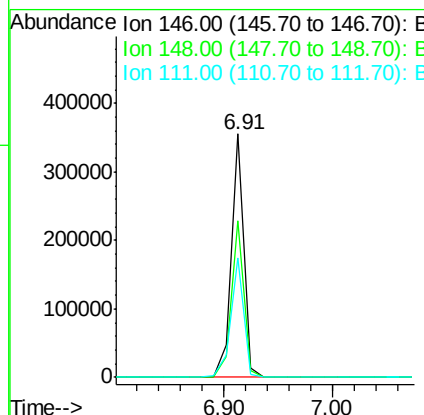
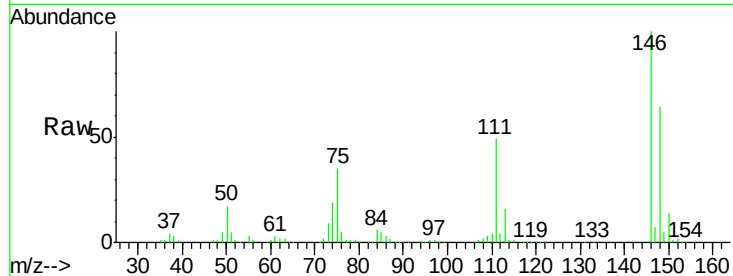
#14
1,2-Dichlorobenzene
Concen: 38.45 ng m
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	49.1	28.7	43.1

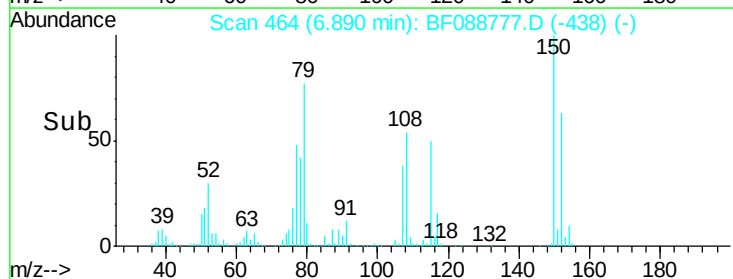
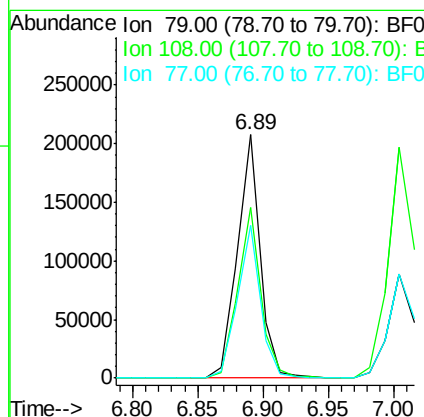
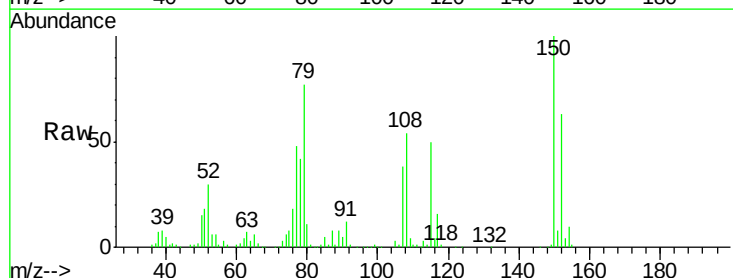
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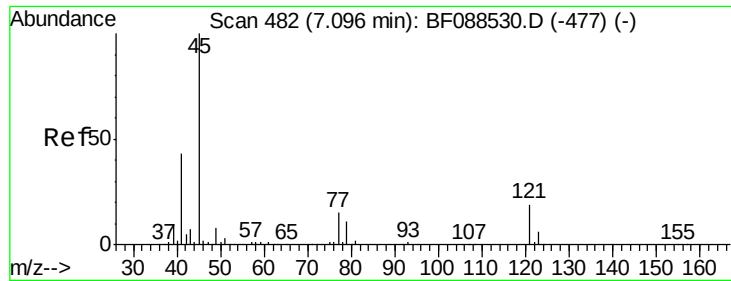
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#15
Benzyl Alcohol
Concen: 38.94 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.9	65.0	97.6
77	62.6	50.3	75.5





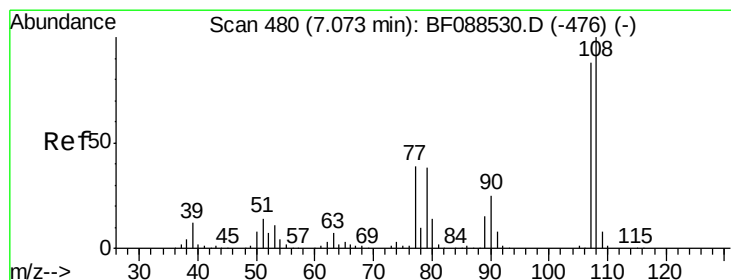
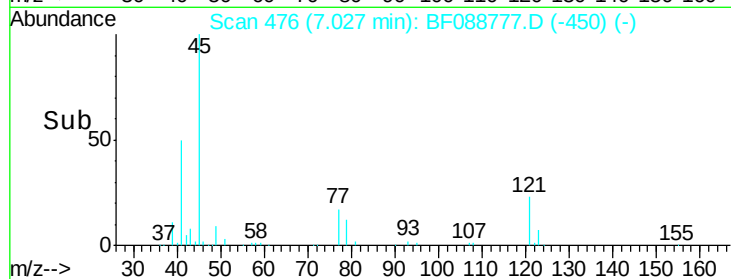
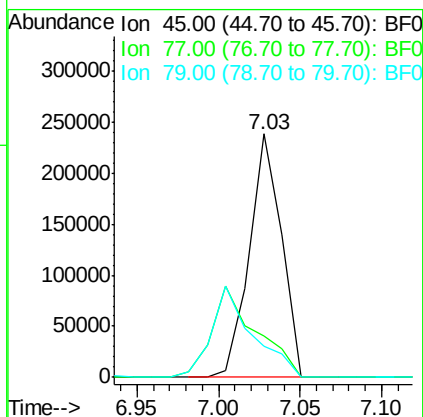
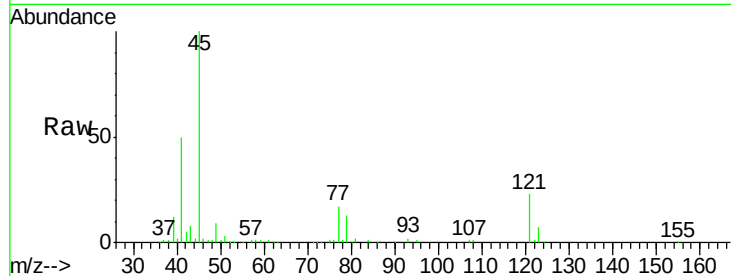
#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.97 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion:	45	Resp:	323857
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	32.5
79	12.9	0.0	29.5

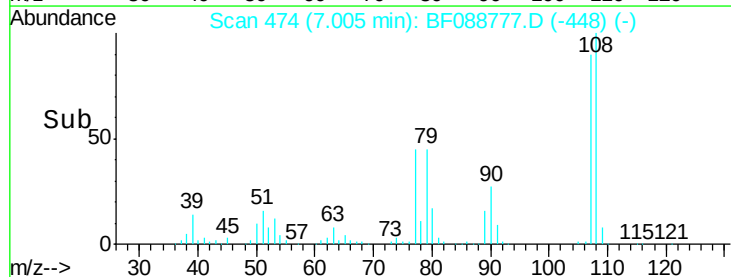
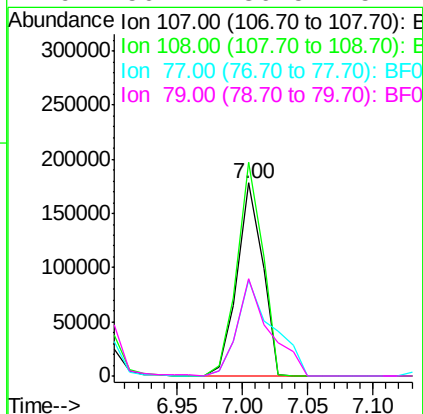
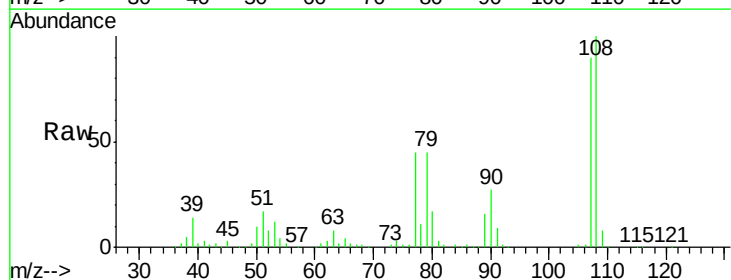
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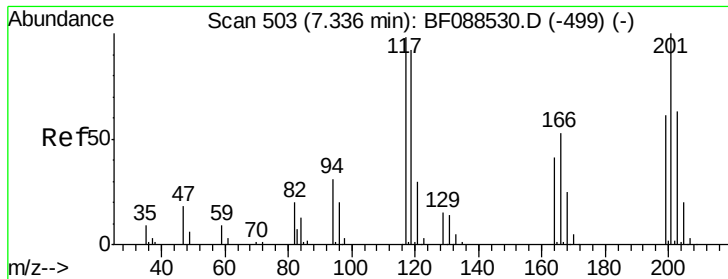
SOHIL
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#17
2-Methylphenol
Concen: 40.80 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:	107	Resp:	242696
Ion Ratio	Lower	Upper	
107	100		
108	110.7	90.9	136.3
77	49.9	36.6	55.0
79	50.1	36.5	54.7





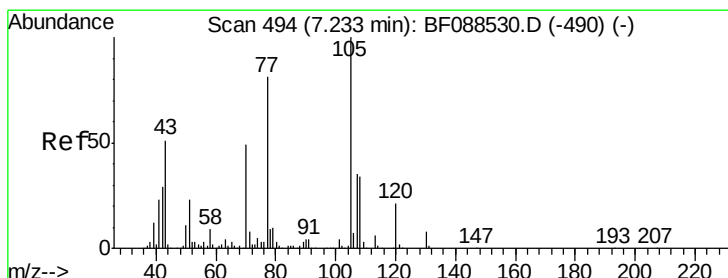
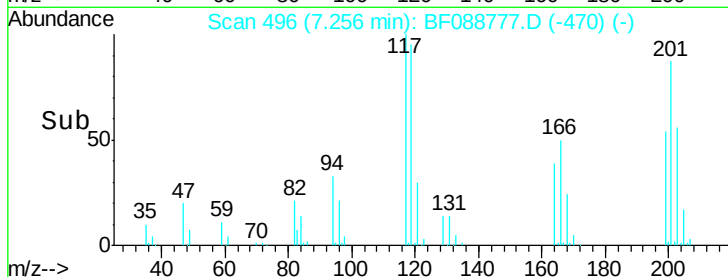
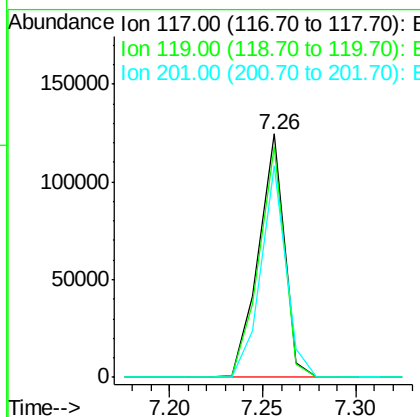
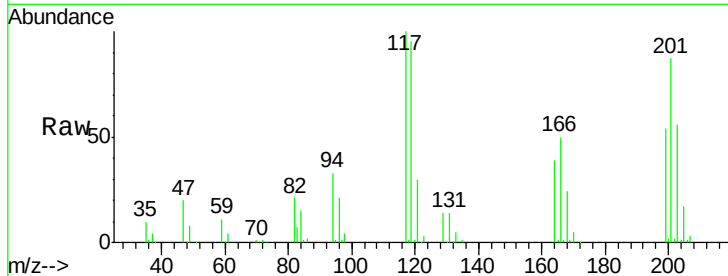
#18
Hexachloroethane
Concen: 38.65 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119067		
119	94.6	77.4	116.2	
201	86.9	80.4	120.6	

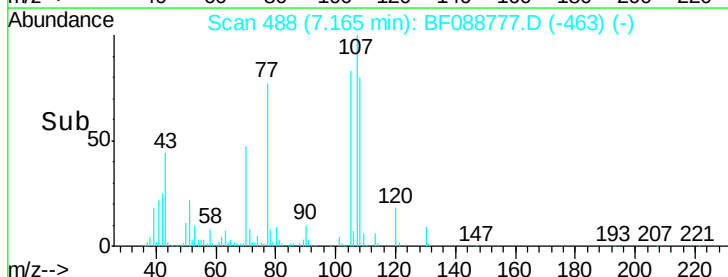
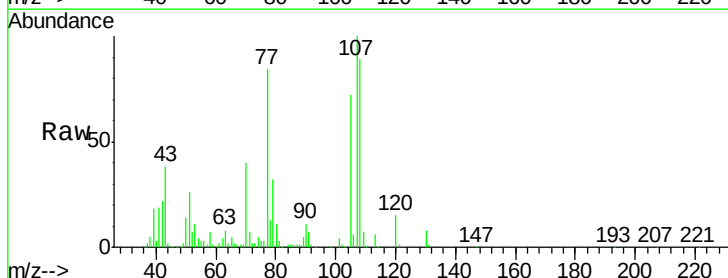
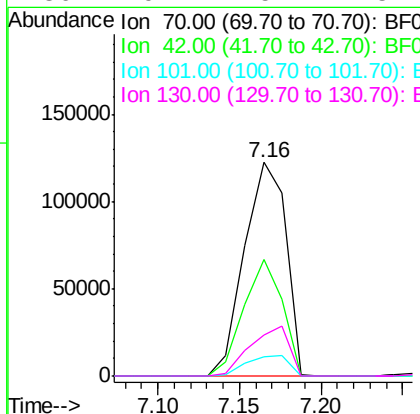
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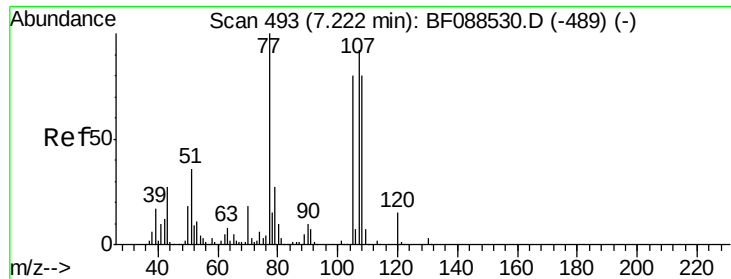
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#19
n-Nitroso-di-n-propylamine
Concen: 36.60 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	215518		
42	54.7	49.6	74.4	
101	9.1	7.1	10.7	
130	19.1	15.4	23.2	





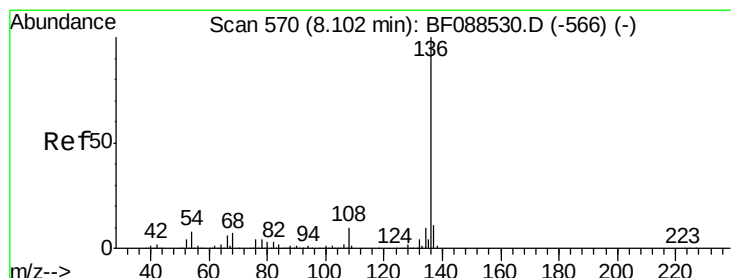
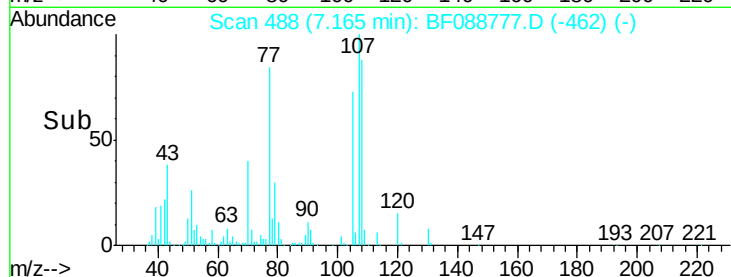
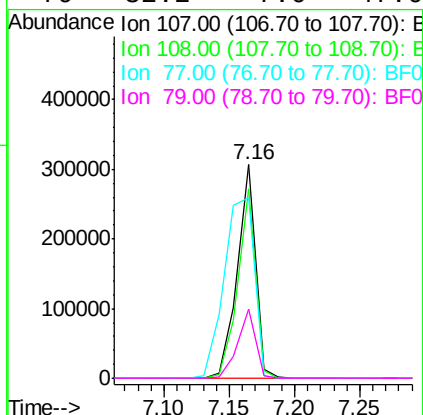
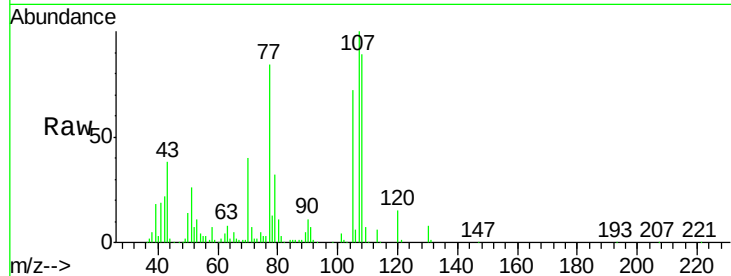
#20
3+4-Methylphenols
Concen: 41.19 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	294057		
108	88.8	67.8	107.8	
77	84.5	59.3	99.3	
79	32.2	7.0	47.0	

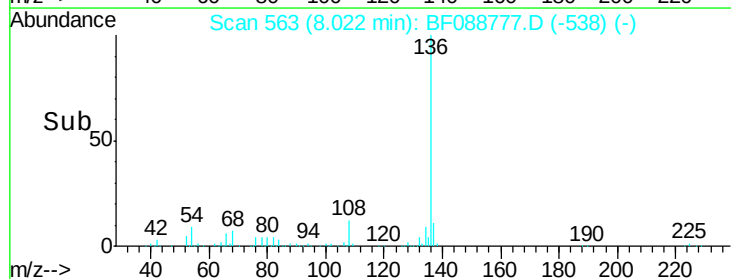
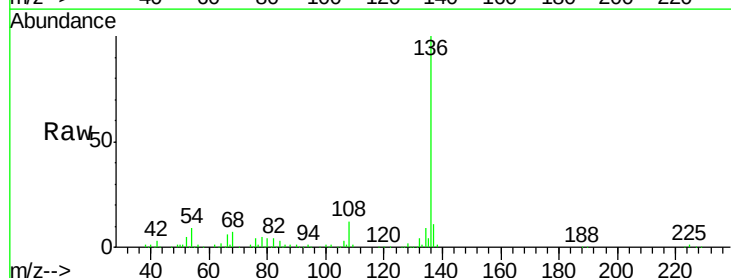
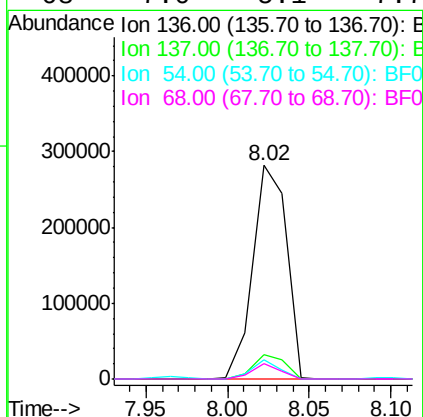
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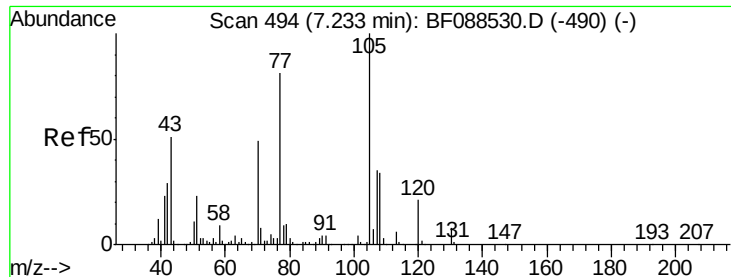
SOHIL
7/8/2016 7:03:32 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	405502		
137	11.2	9.1	13.7	
54	8.8	6.6	10.0	
68	7.0	5.1	7.7	





#22

Acetophenone

Concen: 42.06 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

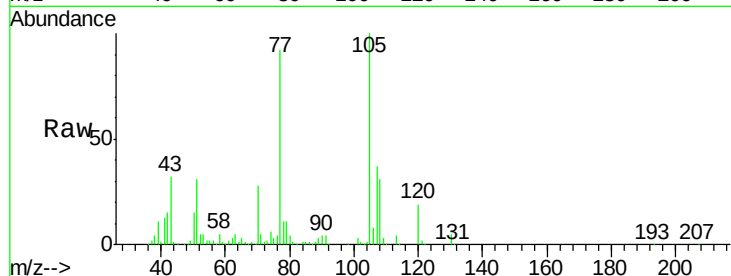
ClientSampleId :

PB91866BS

Tgt	Ion	Resp	Lower	Upper
105	100			
71	4.8	5.3	7.9#	
51	30.9	18.2	27.4#	
120	19.4	18.0	27.0	

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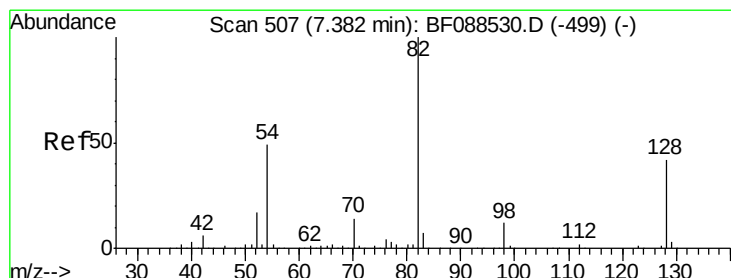
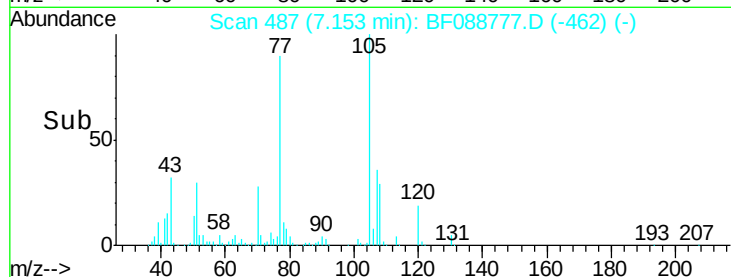
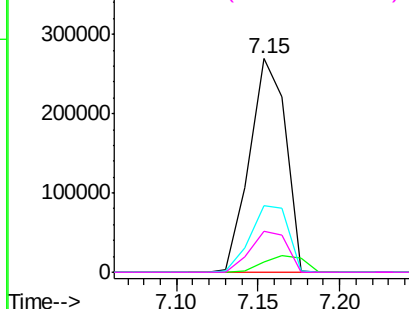


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.15 ng

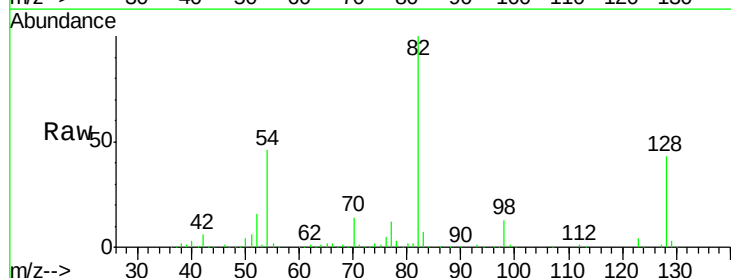
RT: 7.31 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

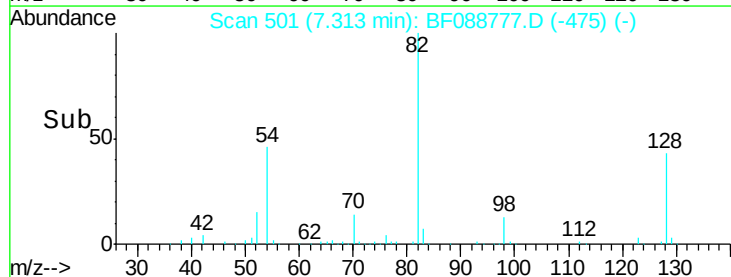
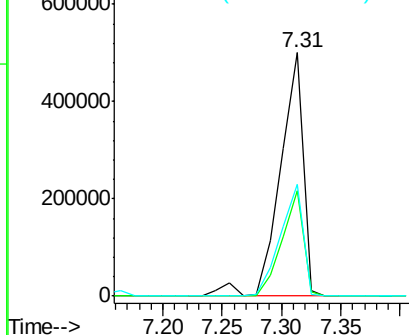
Tgt	Ion	Resp	Lower	Upper
82	100			
128	43.1	35.9	53.9	
54	46.1	40.9	61.3	

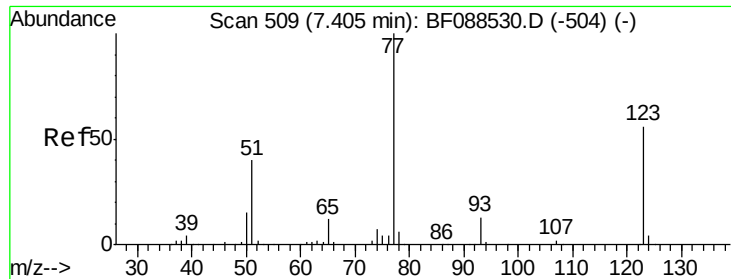


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.72 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

Tgt Ion: 77 Resp: 294277
Ion Ratio Lower Upper

77 100

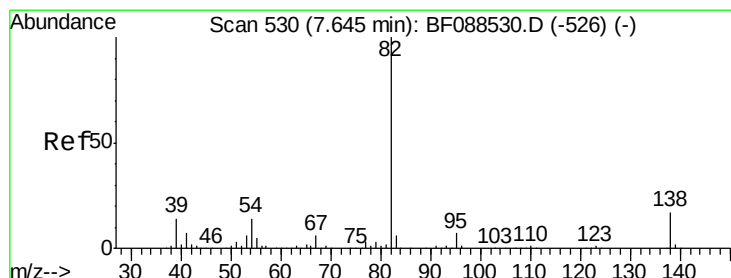
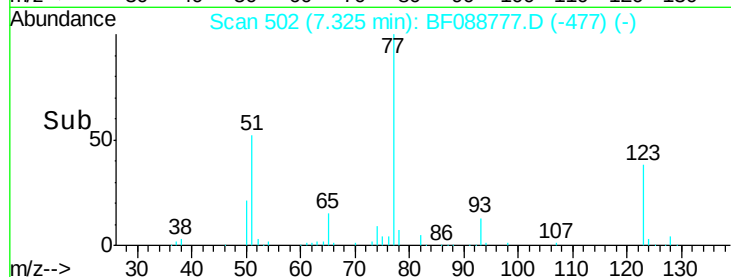
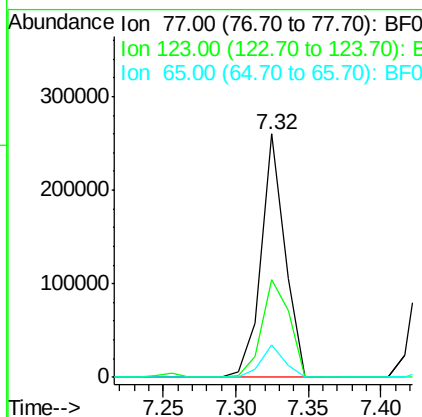
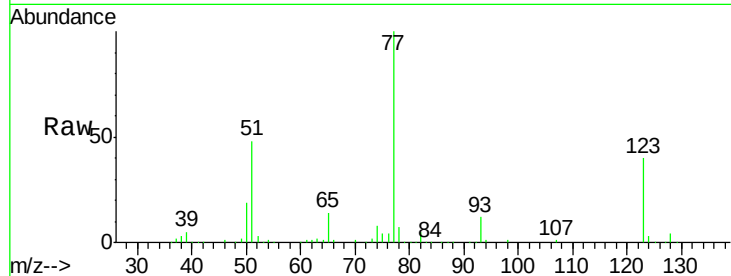
123 40.1 45.0 67.4#

65 13.6 10.2 15.2

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#25

Isophorone

Concen: 41.85 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088777.D

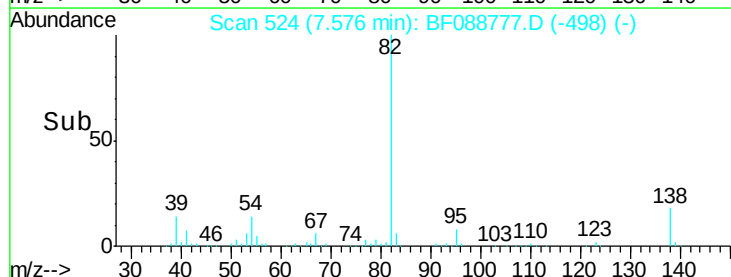
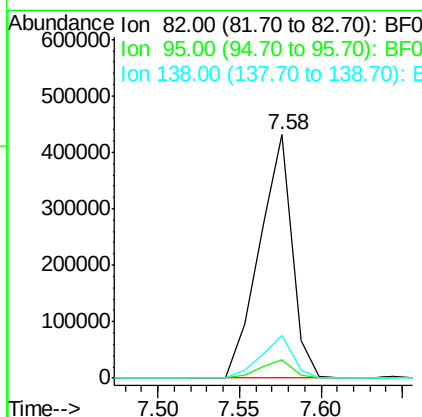
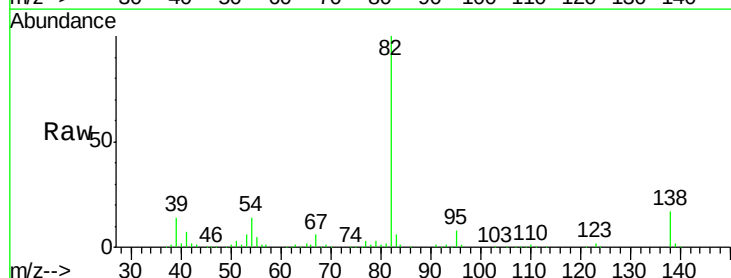
Acq: 7 Jul 2016 13:44

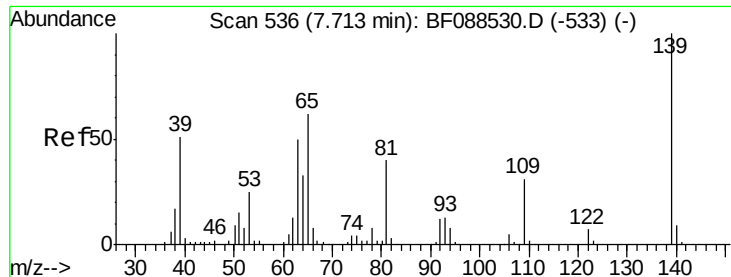
Tgt Ion: 82 Resp: 599917
Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.2

138 17.4 14.6 21.8





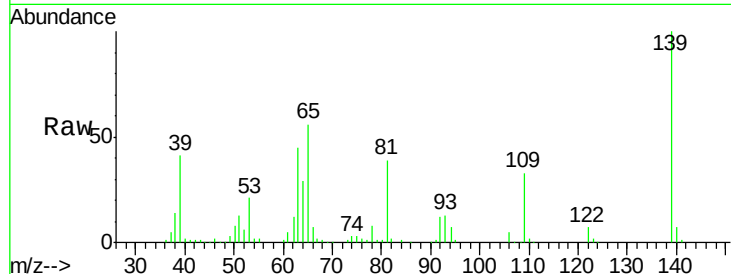
#26
 2-Nitrophenol
 Concen: 47.36 ng
 RT: 7.64 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

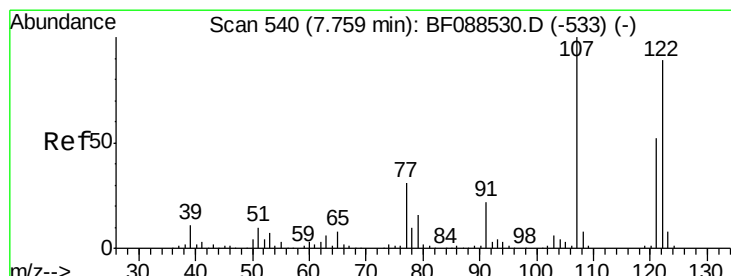
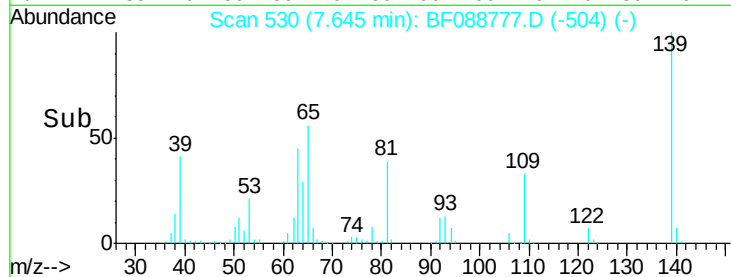
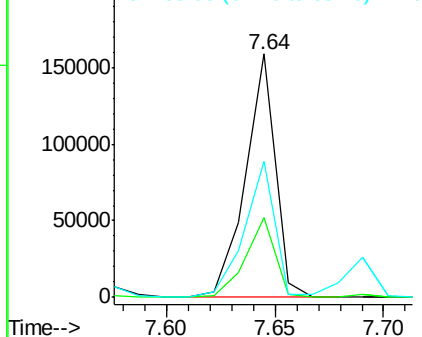
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	151525		
109	32.8	23.0	34.4	
65	55.7	45.8	68.8	

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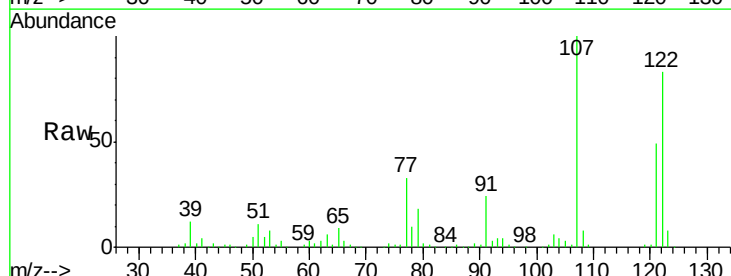


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

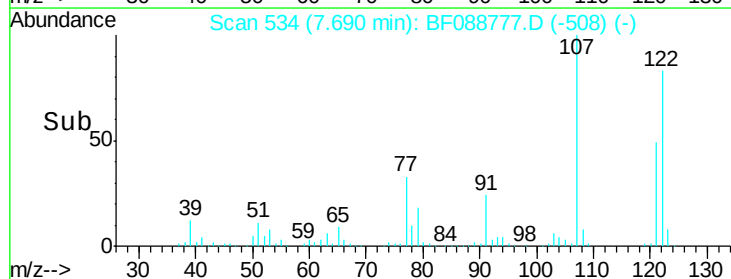
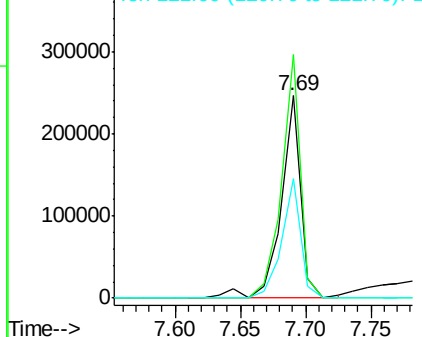


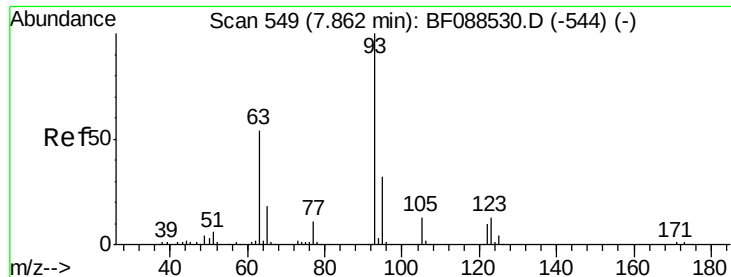
#27
 2,4-Dimethylphenol
 Concen: 39.42 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	262648		
107	120.5	82.4	123.6	
121	59.2	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





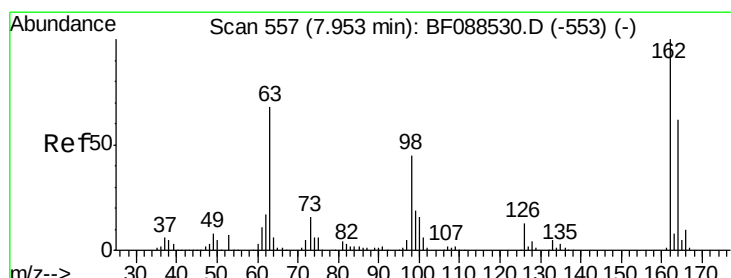
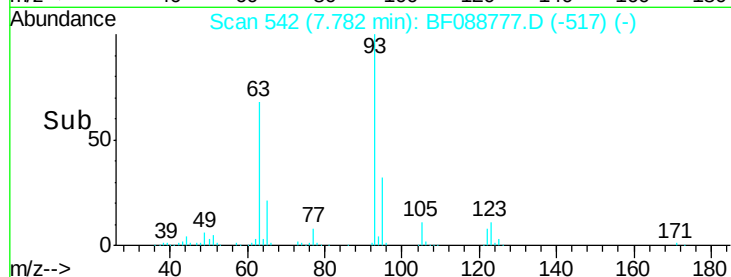
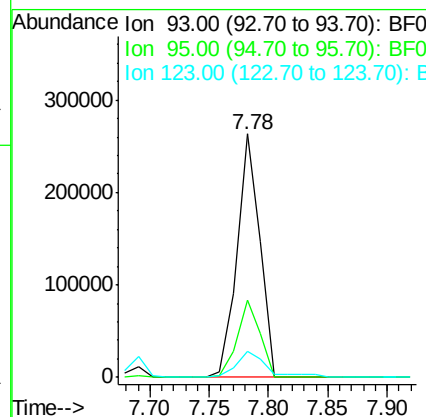
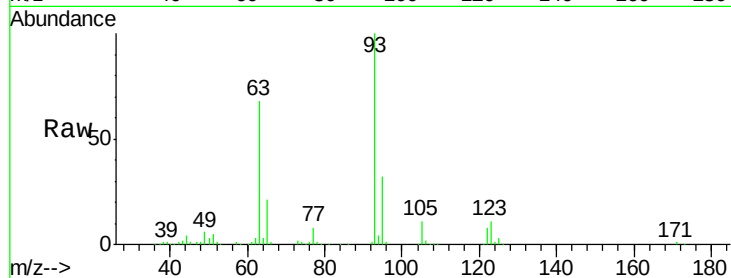
#28
bis(2-Chloroethoxy)methane
Concen: 37.43 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	349163		
95	31.9	26.5	39.7	
123	10.5	11.6	17.4	

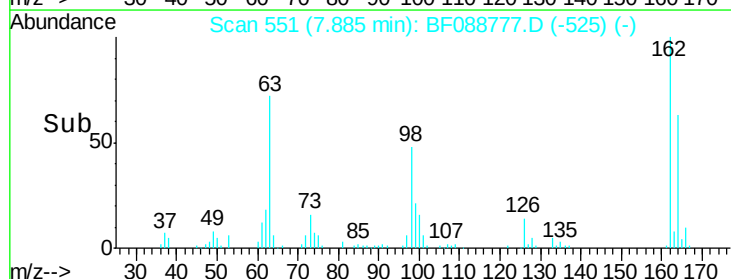
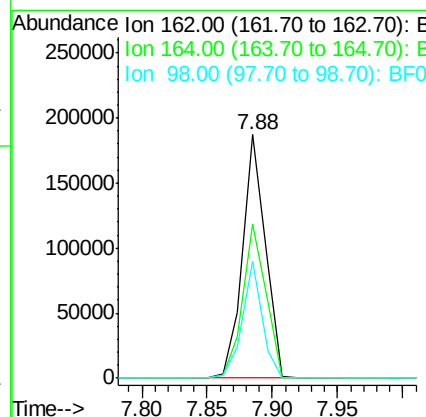
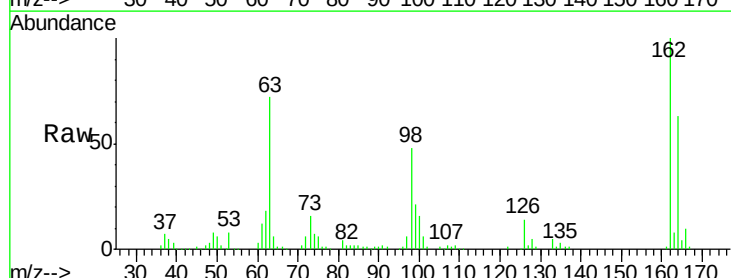
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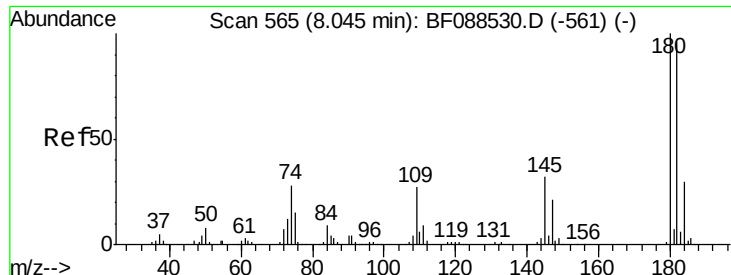
SOHIL
7/8/2016 7:03:32 AM



#29
2,4-Dichlorophenol
Concen: 42.04 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	226415		
164	63.4	43.8	83.8	
98	48.0	21.3	61.3	





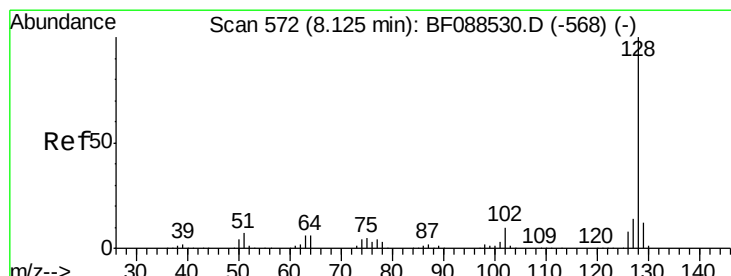
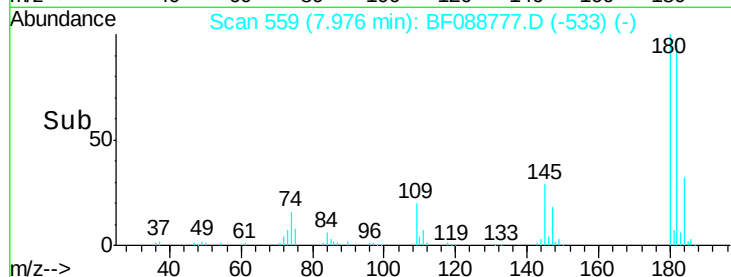
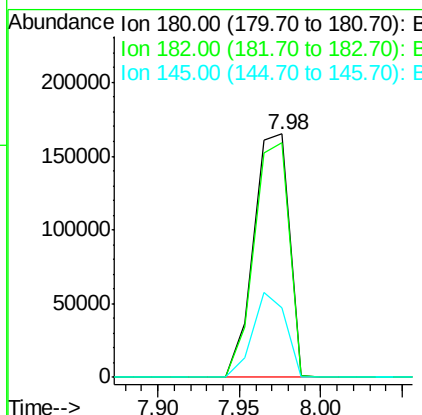
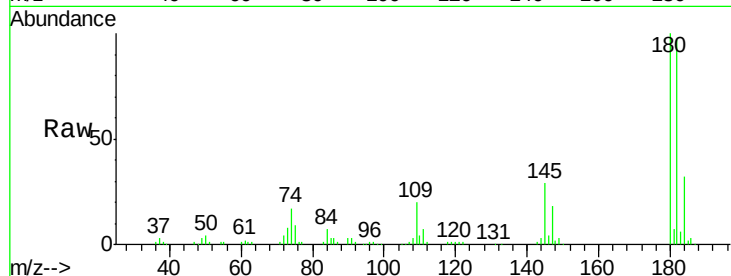
#30
1,2,4-Trichlorobenzene
Concen: 42.19 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	249334		
182	96.6	76.0	114.0	
145	28.7	26.5	39.7	

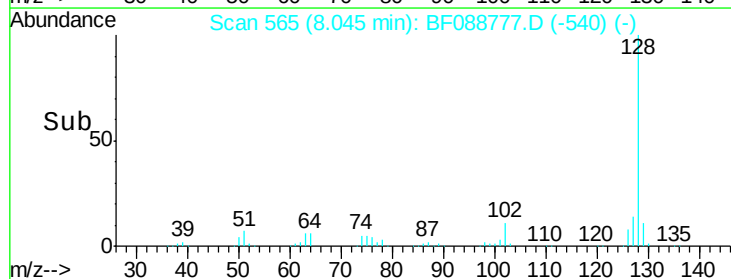
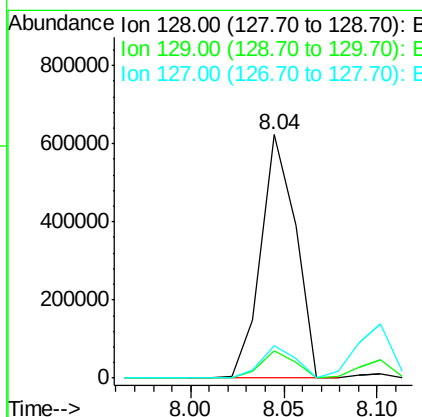
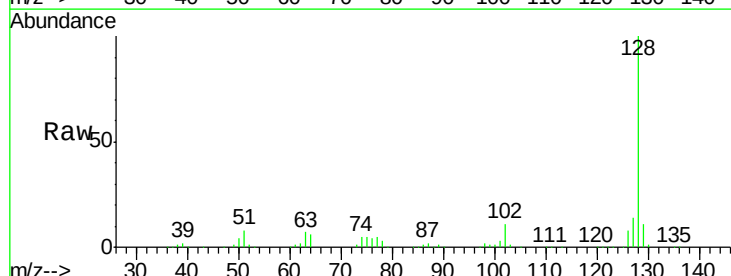
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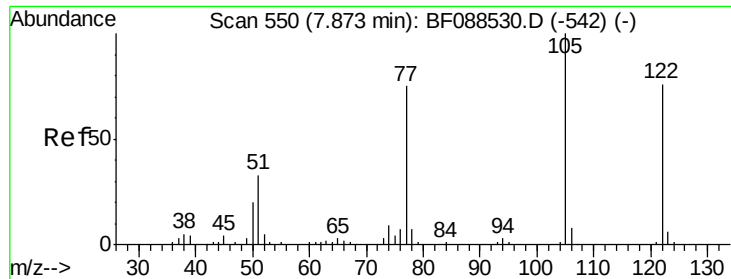
SOHIL
7/8/2016 7:03:32 AM



#31
Naphthalene
Concen: 40.19 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	803366		
129	11.5	9.4	14.2	
127	13.5	10.9	16.3	





#32

Benzoic acid

Concen: 37.30 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

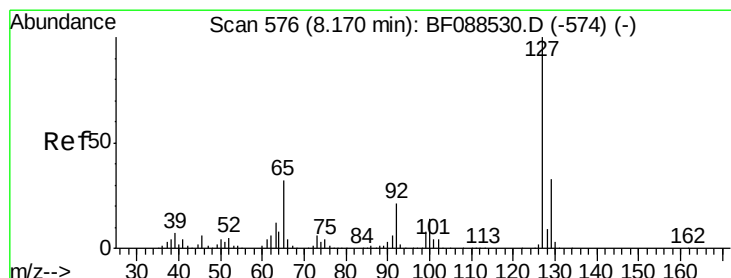
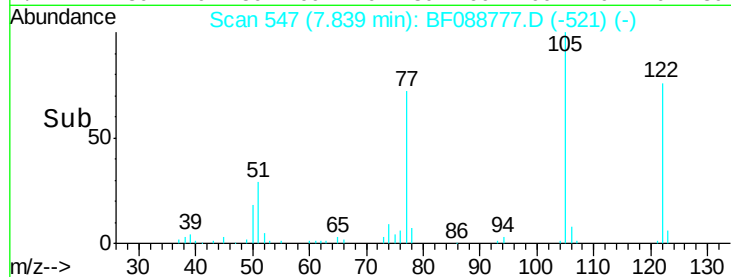
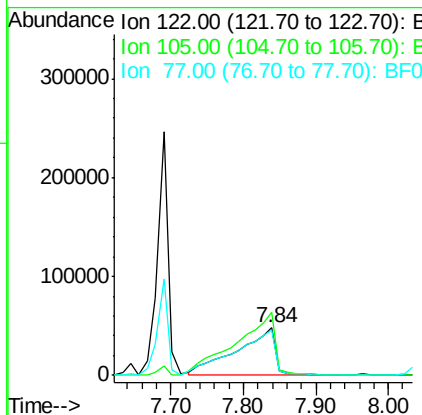
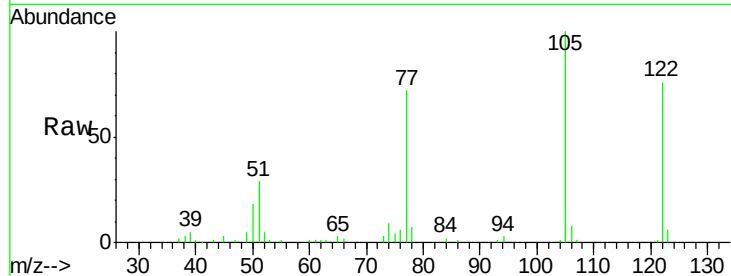
ClientSampleId :

PB91866BS

Tgt Ion:	122	Resp:	180457
Ion Ratio	Lower	Upper	
122	100		
105	131.7	101.6	141.6
77	94.5	70.6	110.6

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#33

4-Chloroaniline

Concen: 21.09 ng

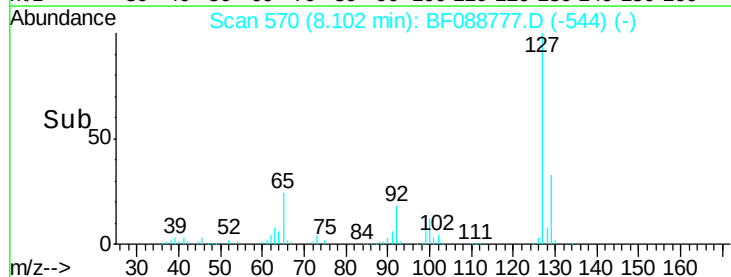
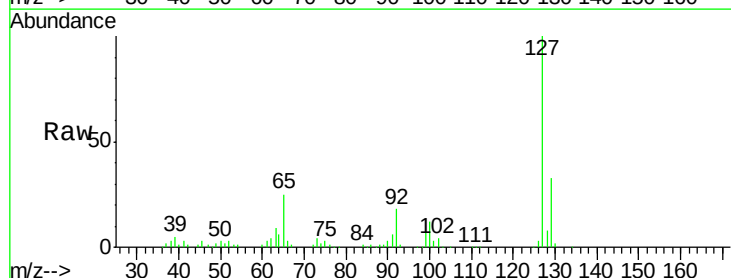
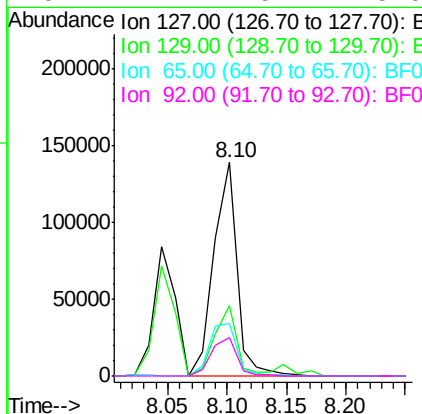
RT: 8.10 min Scan# 570

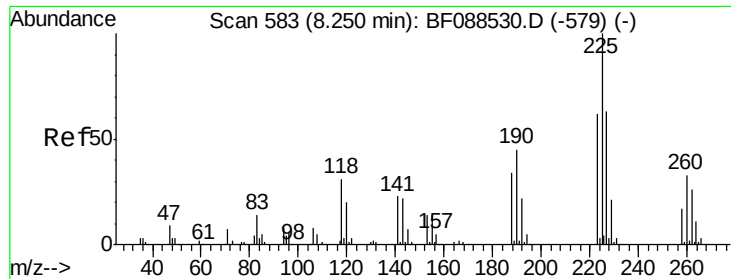
Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:	127	Resp:	187588
Ion Ratio	Lower	Upper	
127	100		
129	33.2	26.3	39.5
65	24.7	24.7	37.1
92	17.7	15.4	23.0





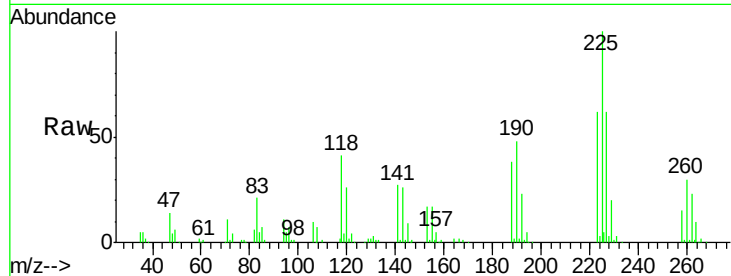
#34
Hexachlorobutadiene
Concen: 43.42 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	62.5	51.9	77.9

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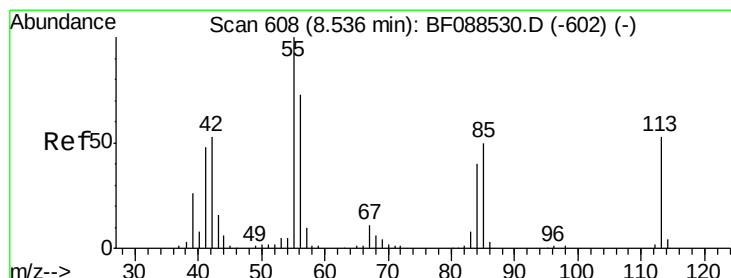
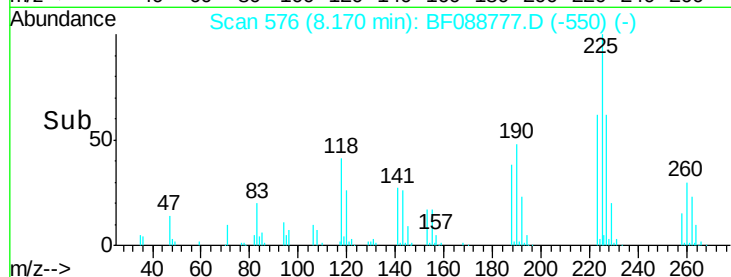
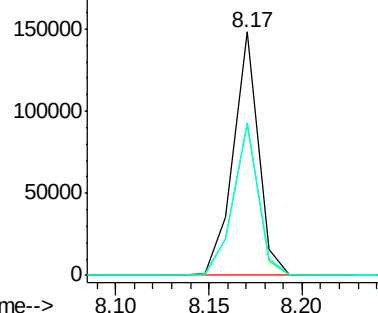


Abundance

Ion 225.00 (224.70 to 225.70): E

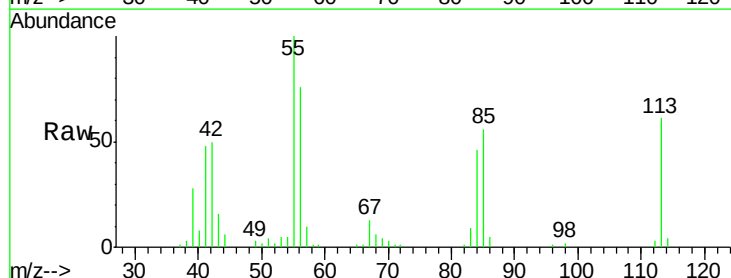
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 45.38 ng m
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
113	100		
55	163.7	158.6	198.6
56	124.6	110.6	150.6

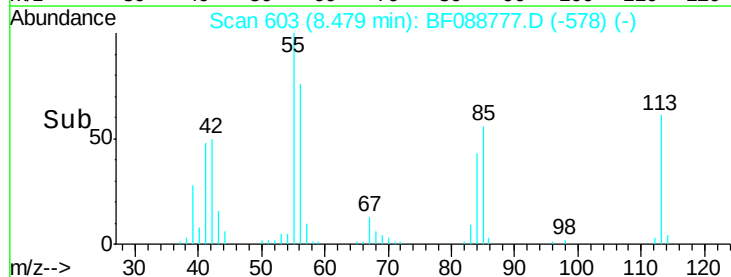
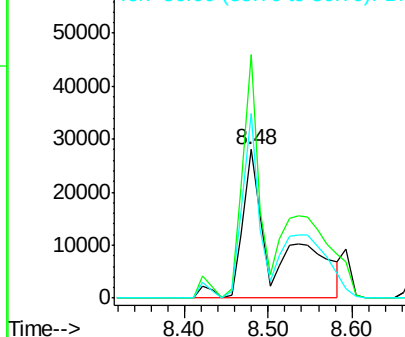


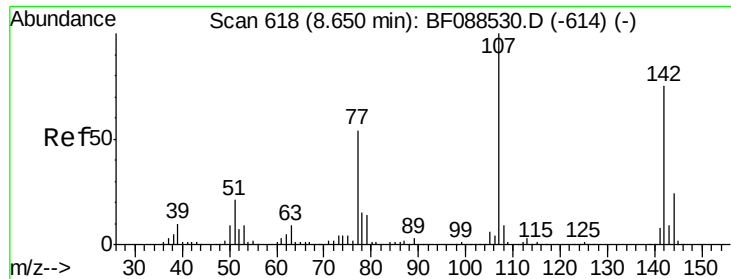
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





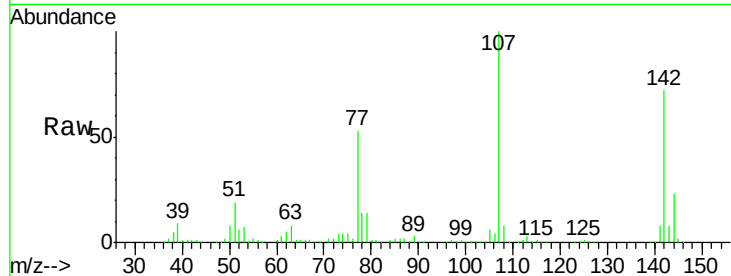
#36
4-Chloro-3-methylphenol
Concen: 45.90 ng
RT: 8.59 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

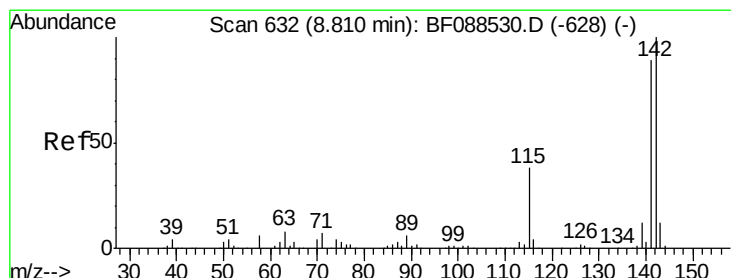
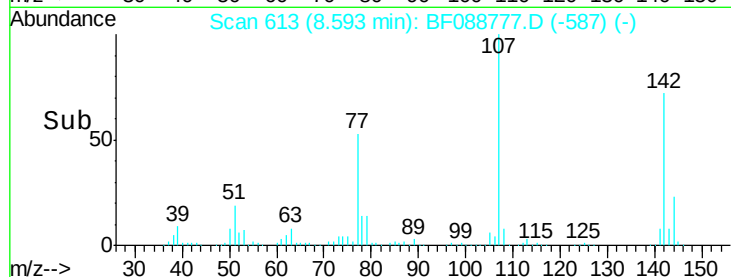
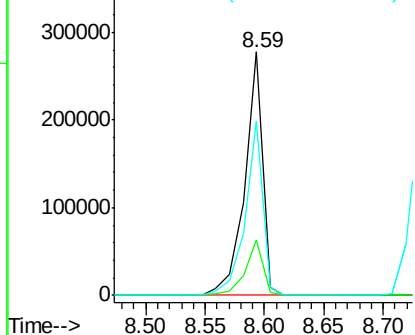
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	292307		
144	22.8	20.8	31.2	
142	71.6	63.4	95.2	

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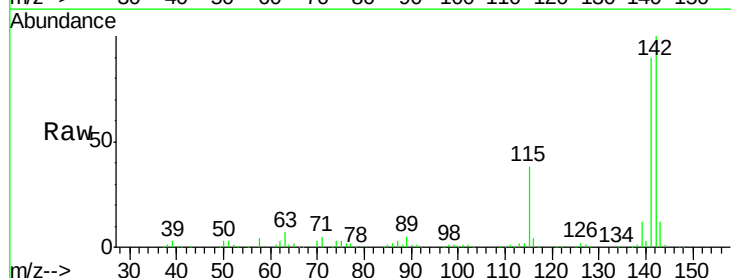


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

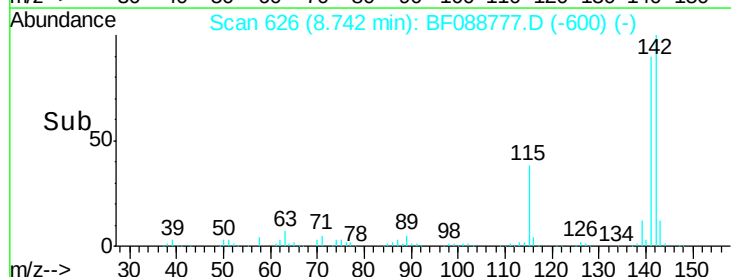
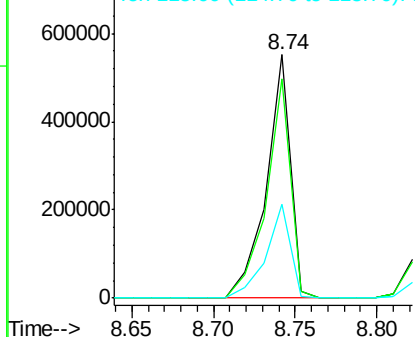


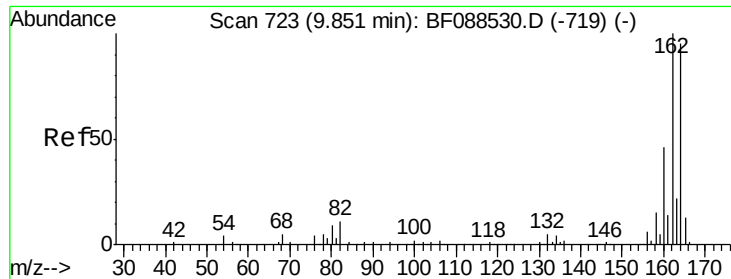
#37
2-Methylnaphthalene
Concen: 44.23 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	569308		
141	90.2	71.0	106.6	
115	38.3	22.6	33.8	



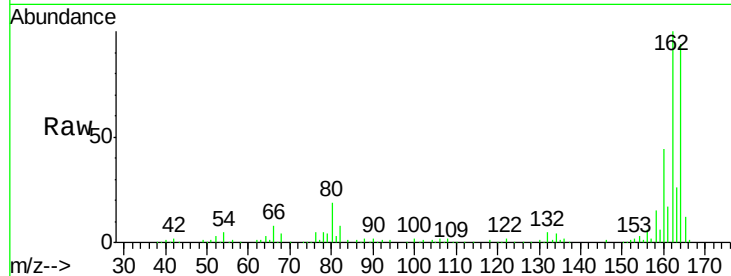
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

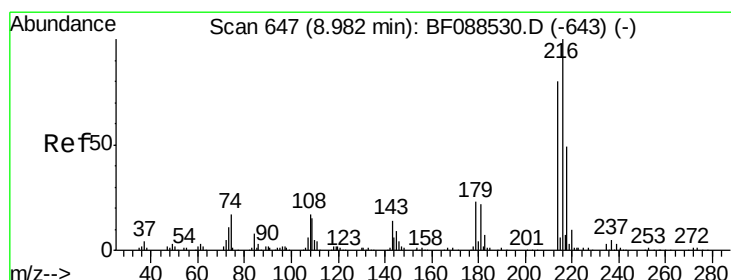
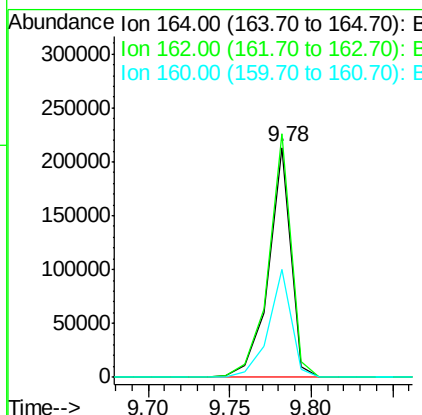
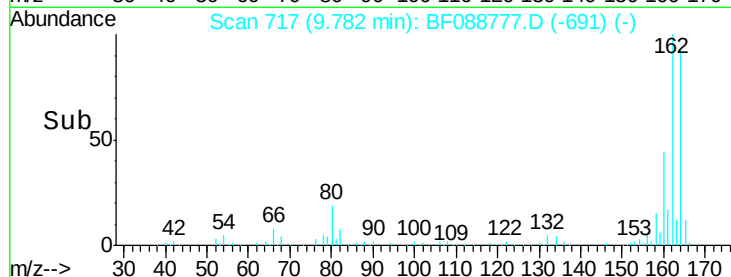
Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS



Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.4	128.2
160	47.1	39.5	59.3

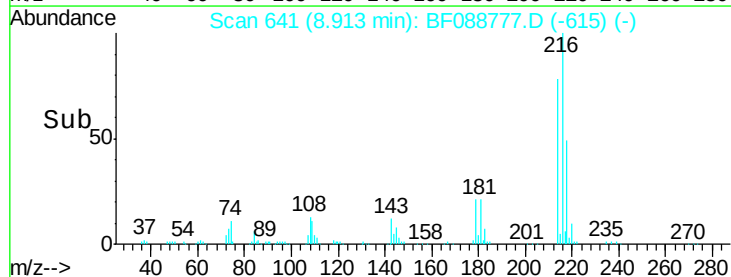
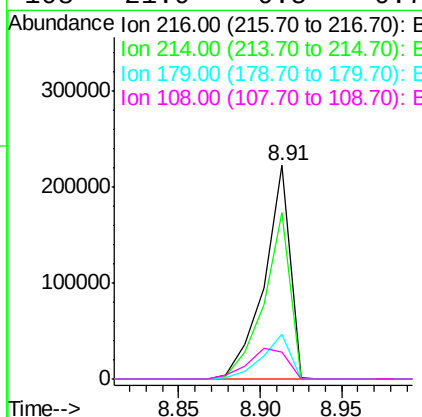
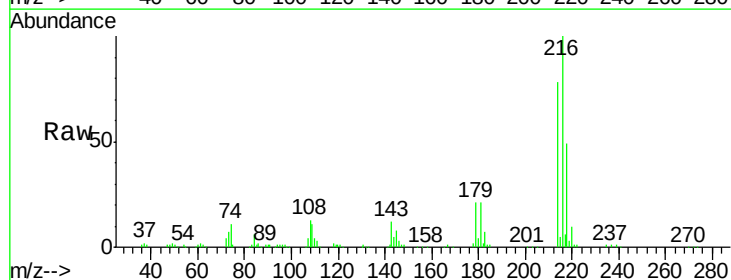
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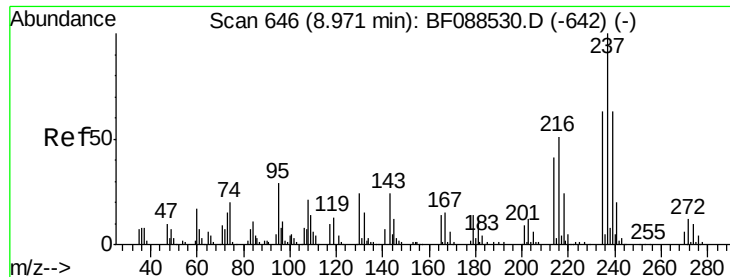
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.49 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	2.9	4.3#
179	22.7	0.0	0.0#
108	21.9	0.5	0.7#





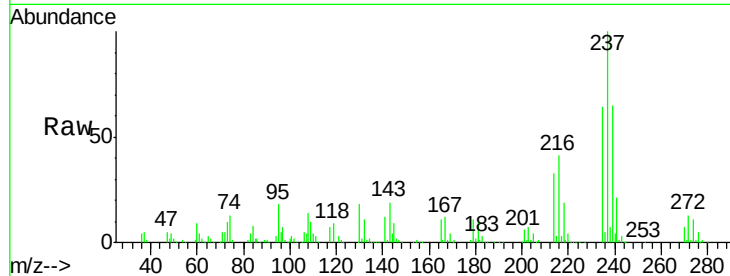
#40
Hexachlorocyclopentadiene
Concen: 77.06 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

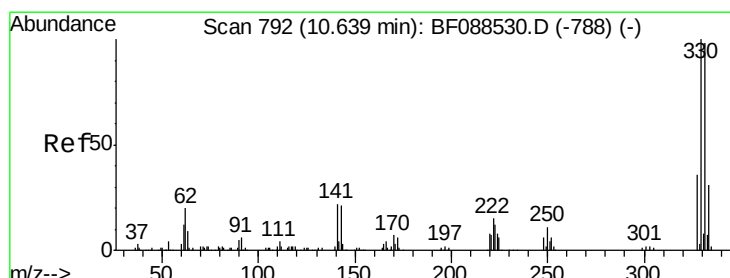
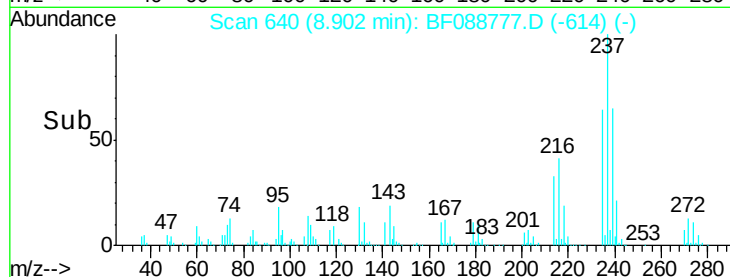
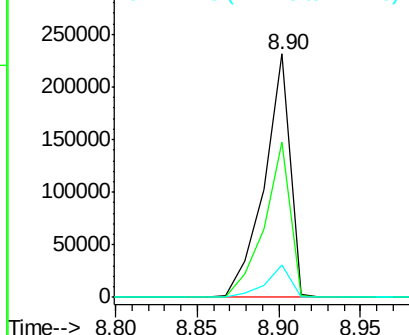
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.7	43.4	83.4
272	13.3	0.0	32.3

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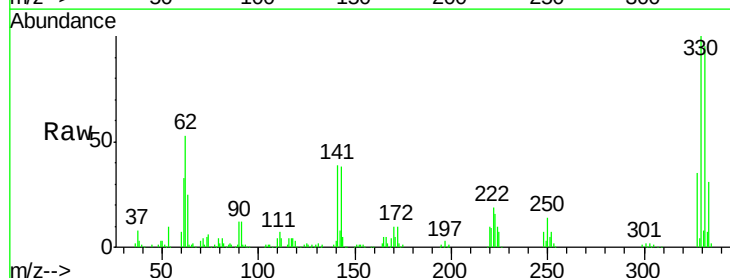


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

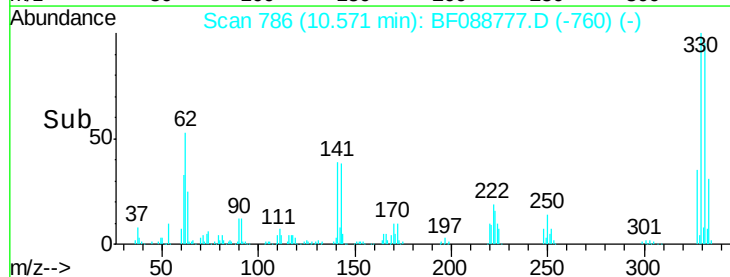
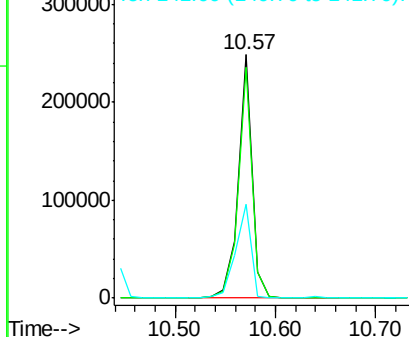


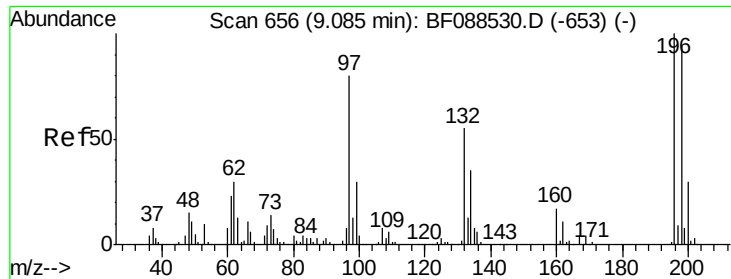
#41
2,4,6-Tribromophenol
Concen: 126.25 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.2	0.0	0.0#
141	43.2	0.0	0.0#



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





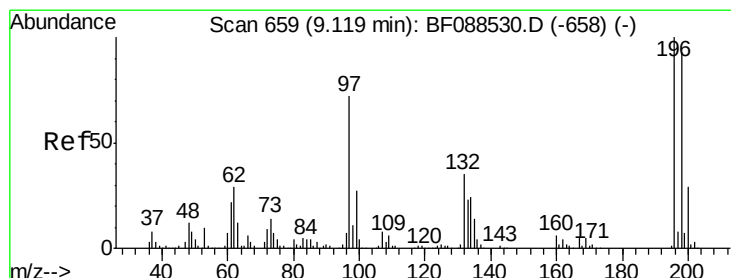
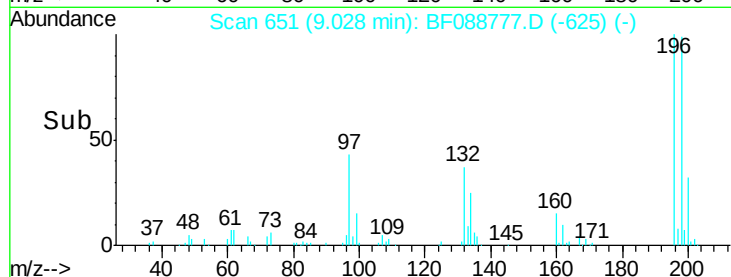
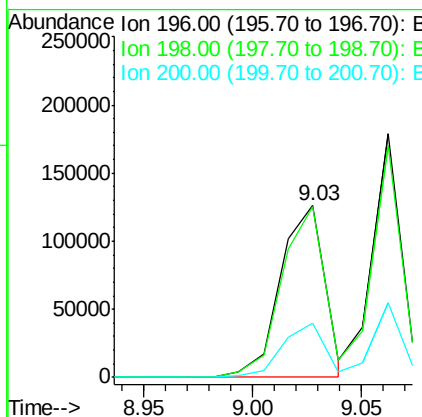
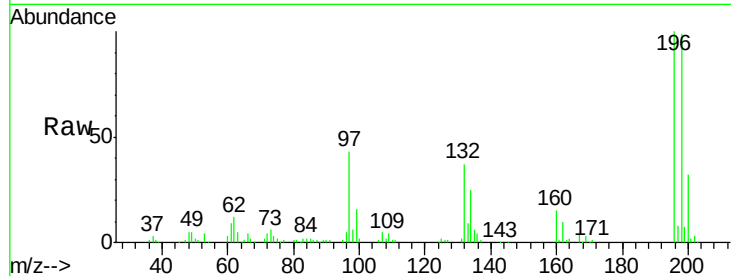
#42
 2,4,6-Trichlorophenol
 Concen: 40.46 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179869		
198	99.0	78.0	117.0	
200	31.6	25.4	38.2	

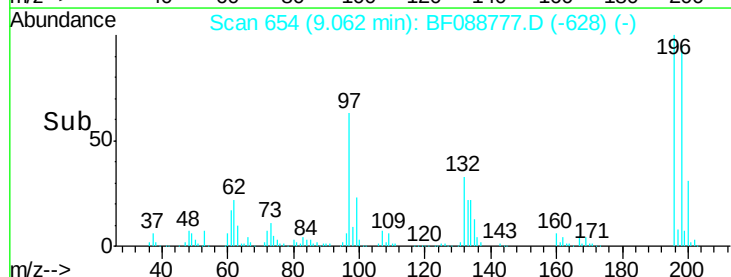
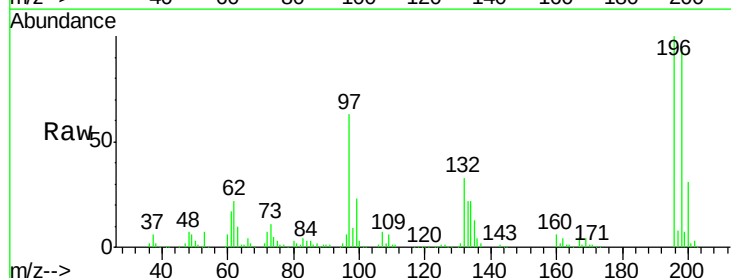
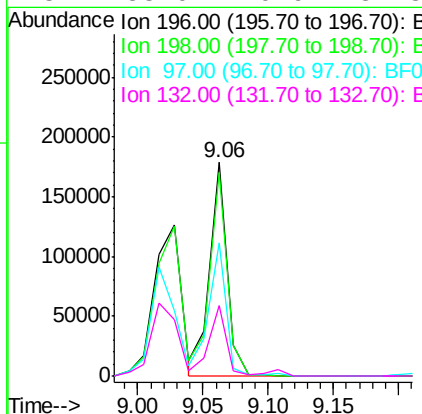
Manual Integrations
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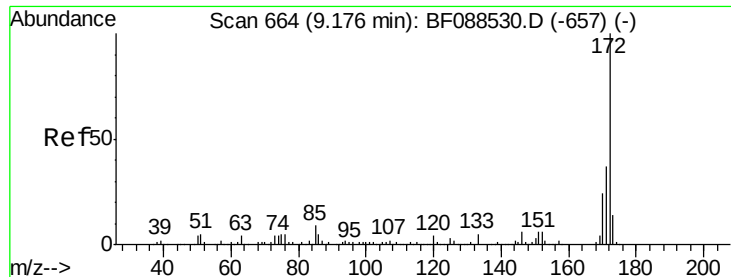
SOHIL
 7/8/2016 7:03:32 AM



#43
 2,4,5-Trichlorophenol
 Concen: 43.92 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168018		
198	95.4	77.5	116.3	
97	62.5	32.0	48.0#	
132	33.0	20.9	31.3#	





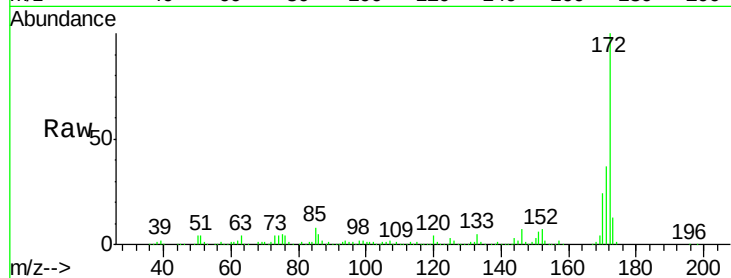
#44
2-Fluorobiphenyl
Concen: 78.71 ng
RT: 9.11 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

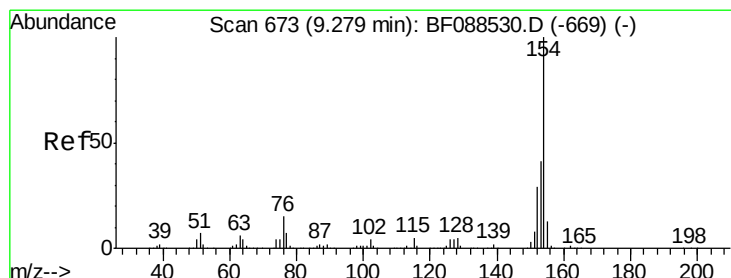
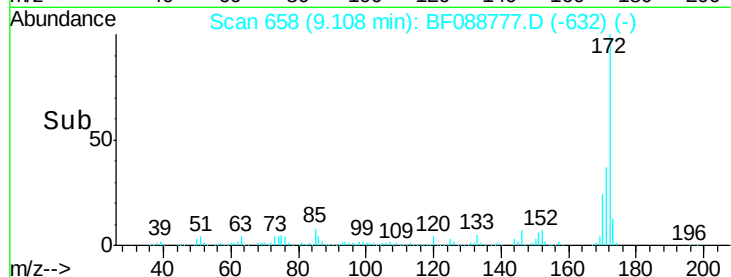
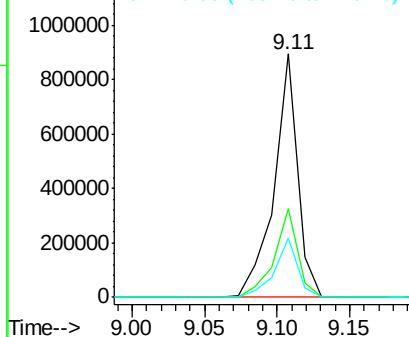
Tgt Ion:172 Resp: 1010317
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.4 19.2 28.8

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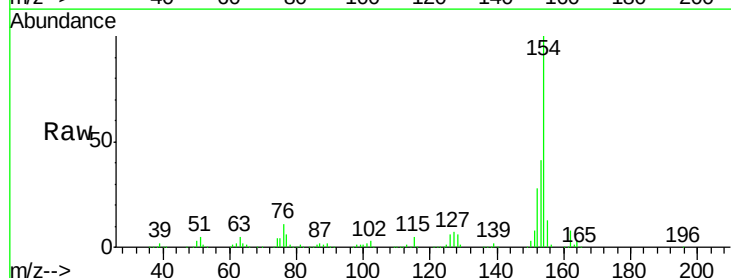


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

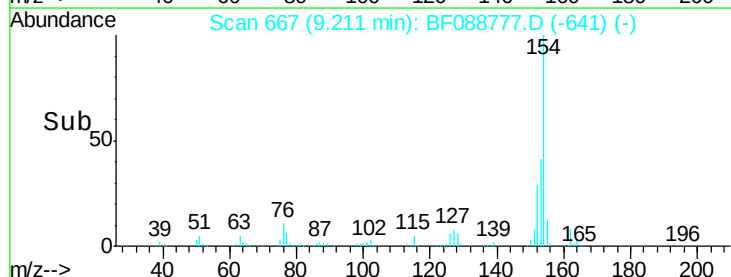
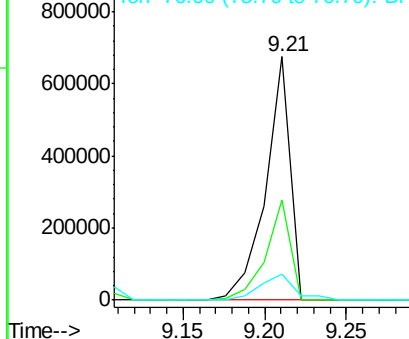


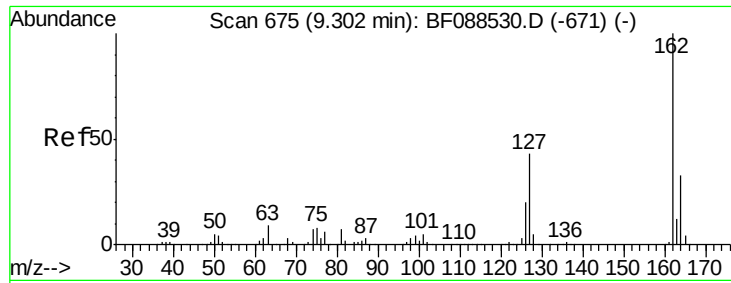
#45
1,1'-Biphenyl
Concen: 41.86 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:154 Resp: 702712
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 10.7 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





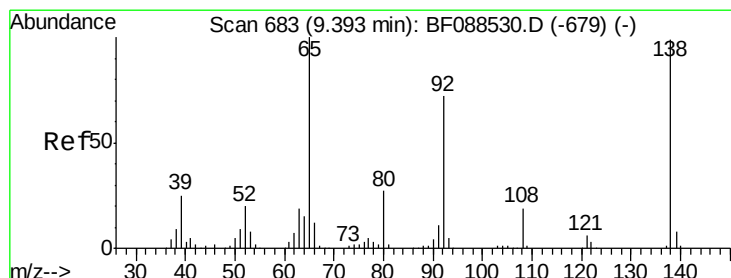
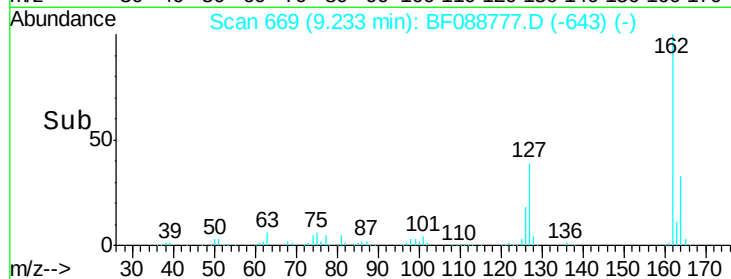
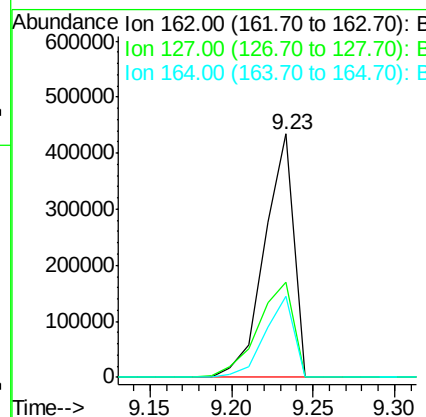
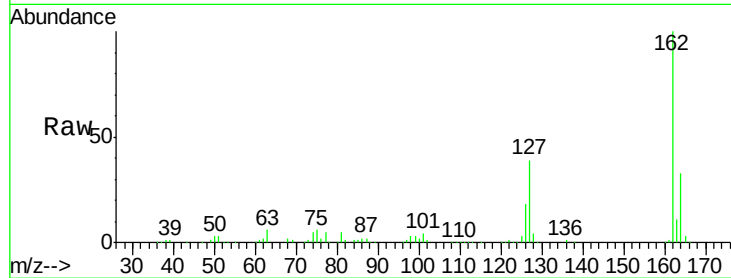
#46
 2-Chloronaphthalene
 Concen: 40.91 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	539199		
127	39.2	35.2	52.8	
164	33.4	26.6	39.8	

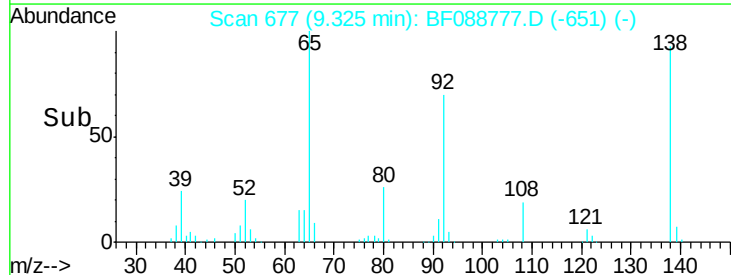
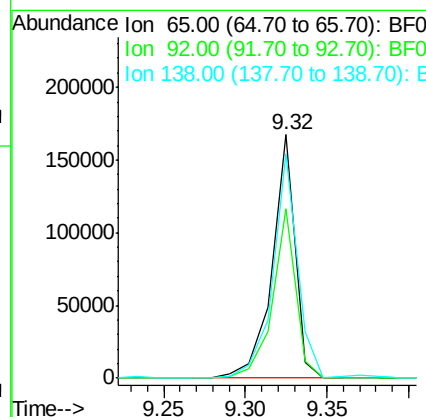
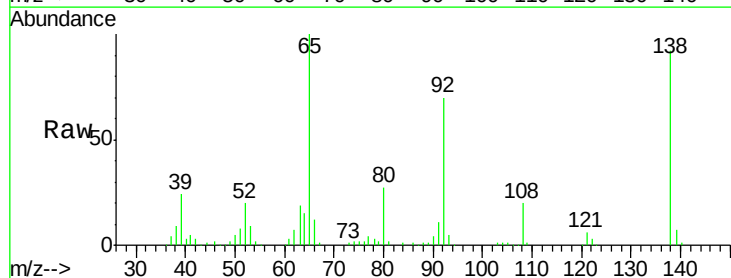
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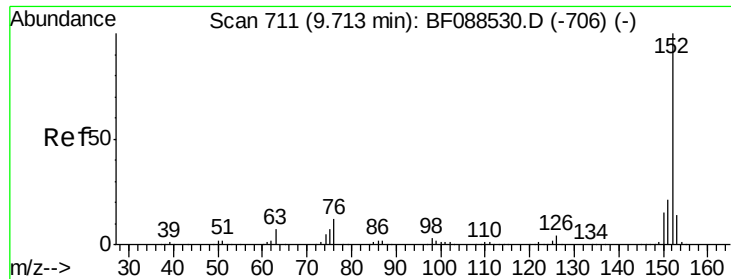
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#47
 2-Nitroaniline
 Concen: 35.14 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	164382		
92	69.8	54.6	82.0	
138	92.2	77.0	115.4	





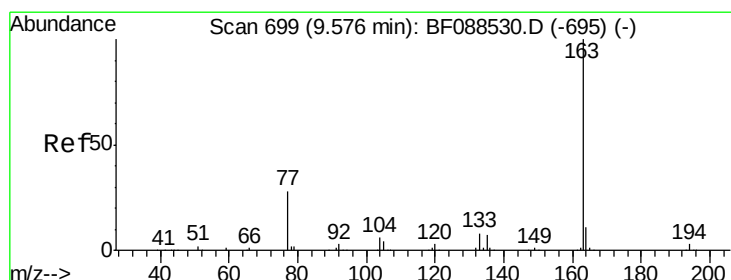
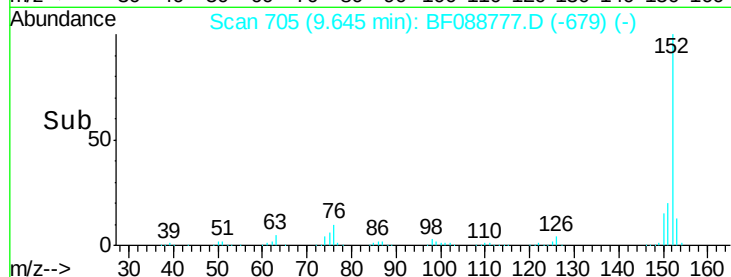
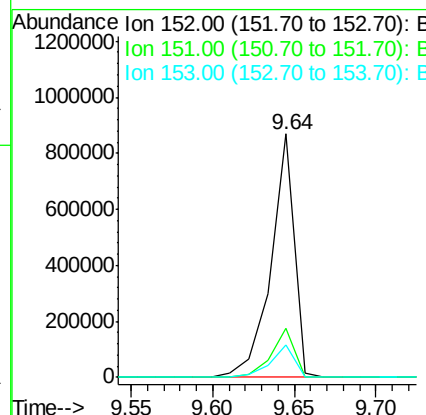
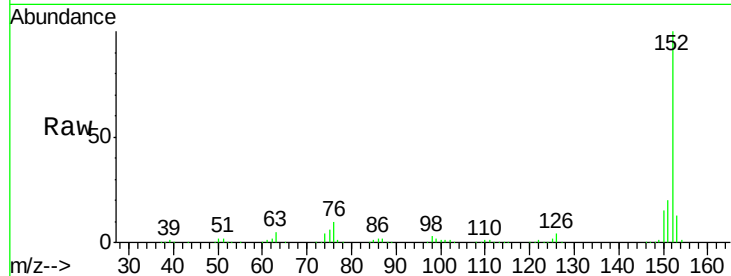
#48
Acenaphthylene
Concen: 41.19 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleID :
PB91866BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	11.0	16.6

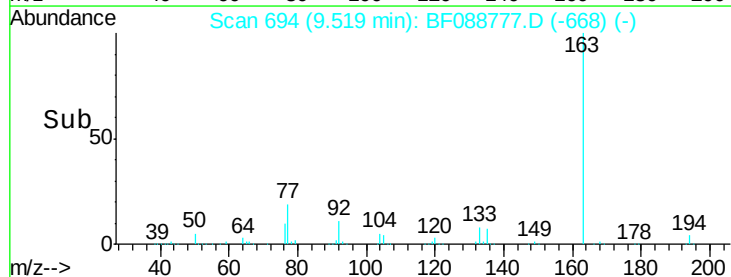
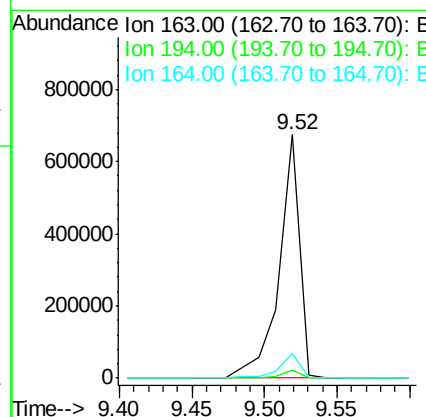
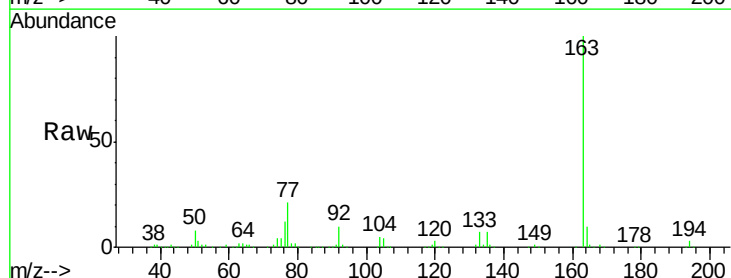
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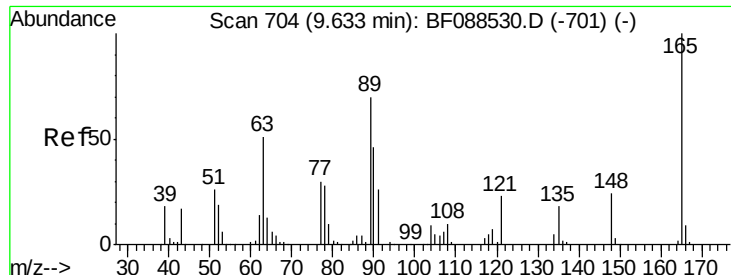
SOHIL
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#49
Dimethylphthalate
Concen: 45.76 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.1	8.3	12.5





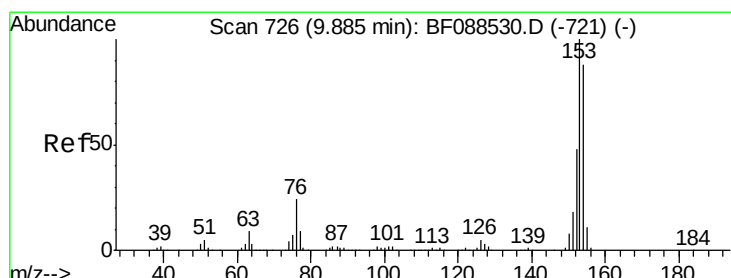
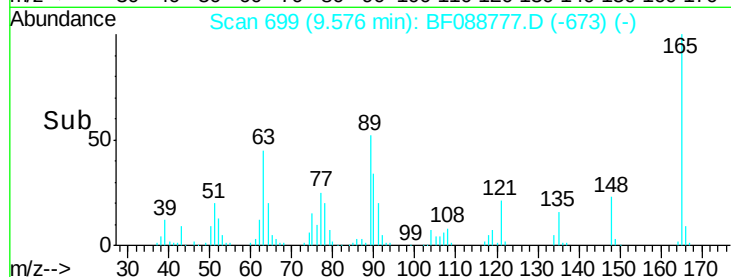
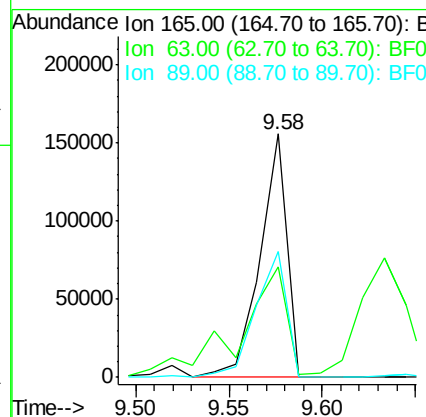
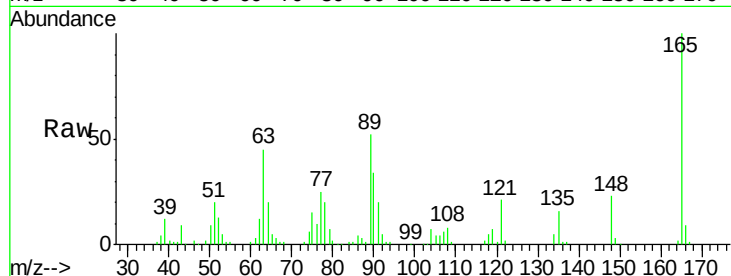
#50
2,6-Dinitrotoluene
Concen: 49.19 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157461		
63	45.2	28.1	42.1#	
89	51.9	32.2	48.2#	

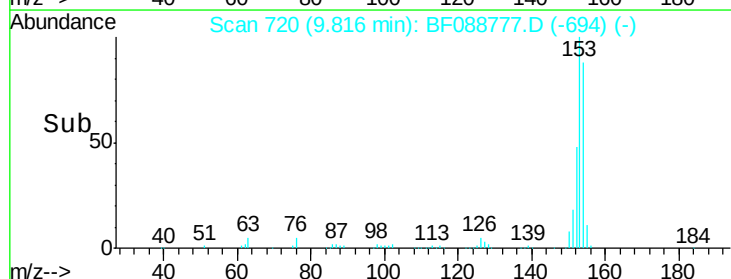
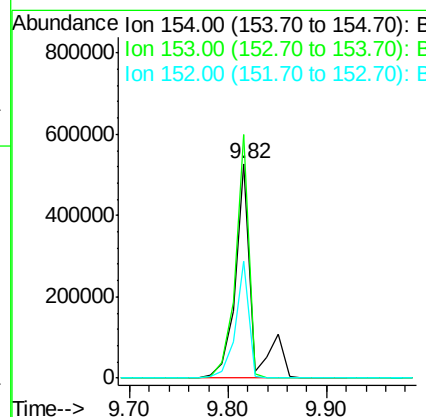
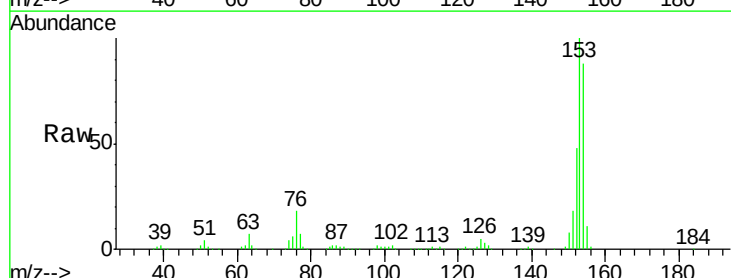
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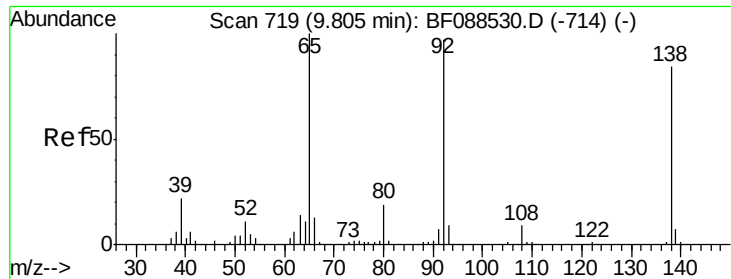
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#51
Acenaphthene
Concen: 48.93 ng m
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	628940		
153	113.7	89.5	134.3	
152	54.4	42.7	64.1	





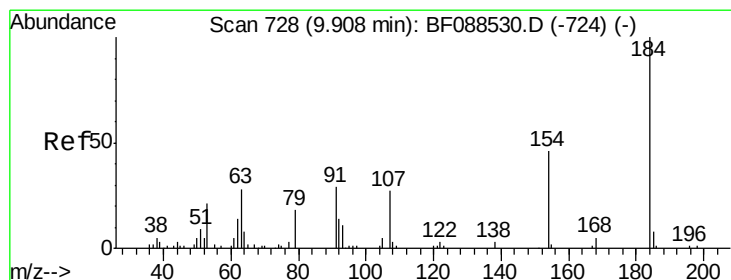
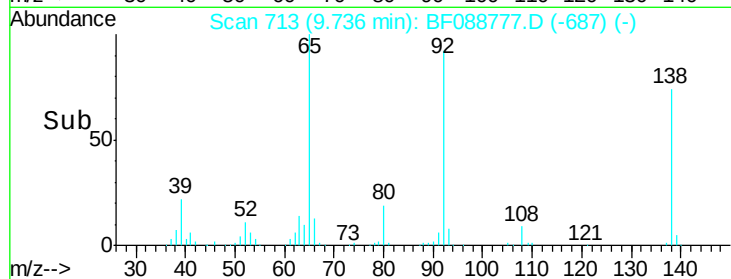
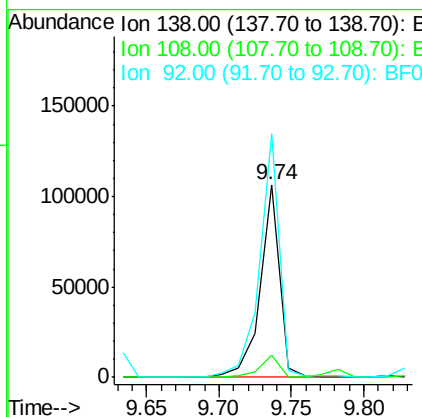
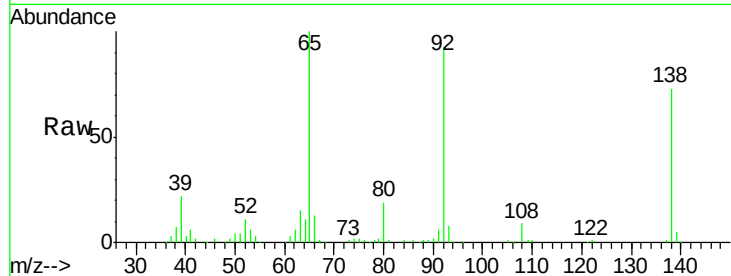
#52
3-Nitroaniline
Concen: 23.99 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion:138 Resp: 97624
Ion Ratio Lower Upper
138 100
108 11.7 8.5 12.7
92 126.5 95.7 143.5

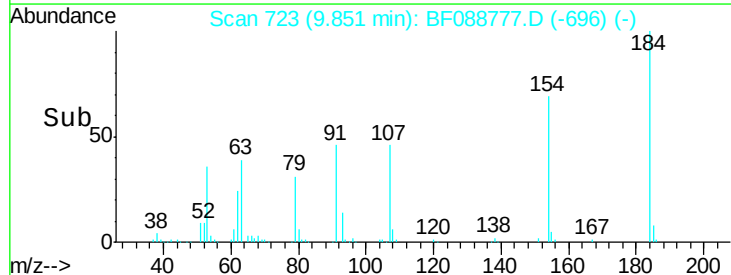
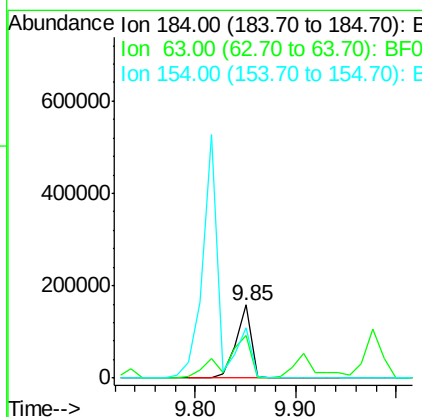
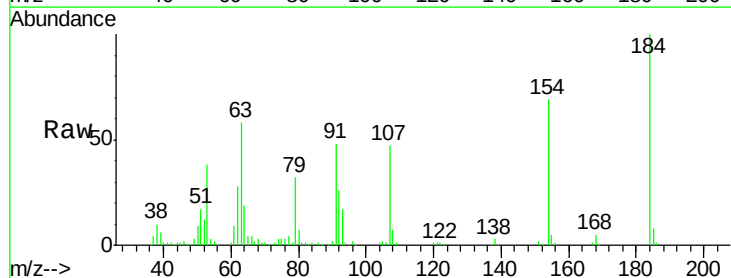
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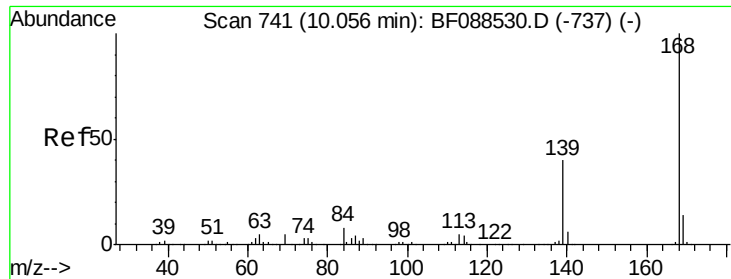
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#53
2,4-Dinitrophenol
Concen: 119.94 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:184 Resp: 169530
Ion Ratio Lower Upper
184 100
63 57.6 57.6 86.4
154 69.1 53.5 80.3





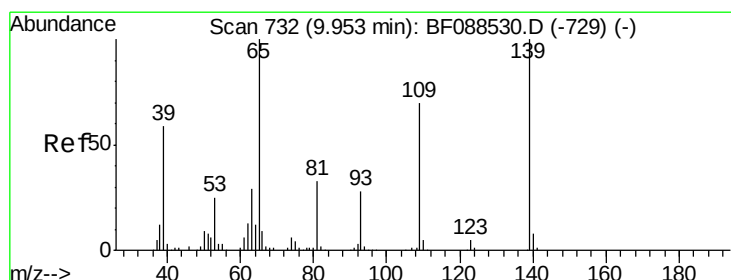
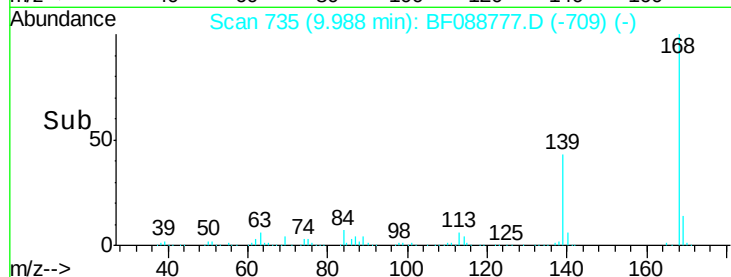
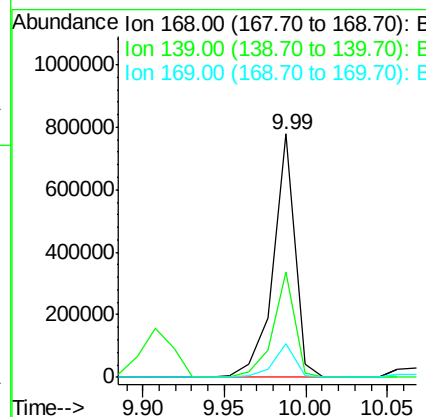
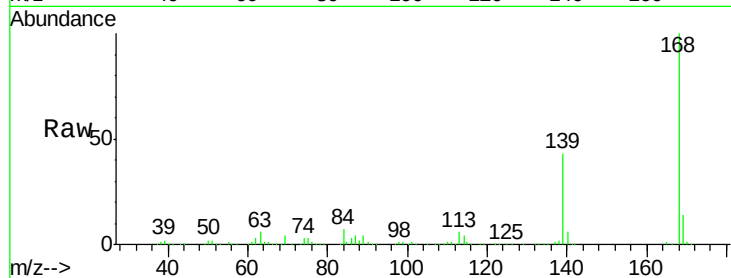
#54
Dibenzofuran
Concen: 43.09 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampled :
PB91866BS

Tgt Ion:168 Resp: 725000
Ion Ratio Lower Upper
168 100
139 43.2 26.4 39.6#
169 13.8 10.4 15.6

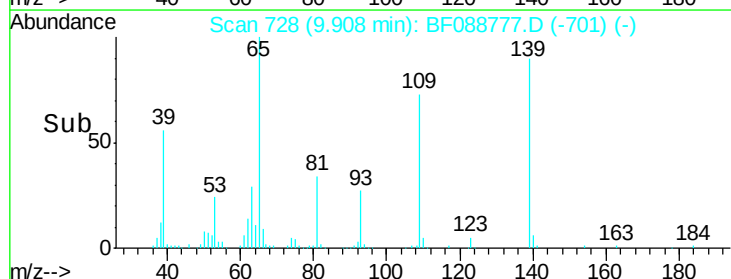
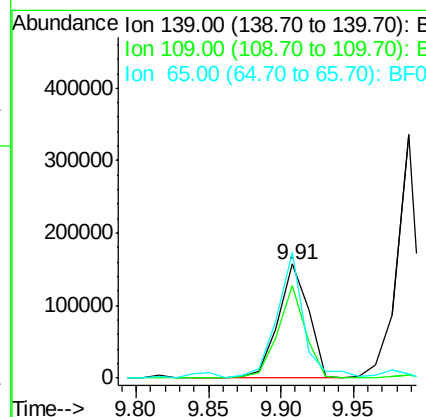
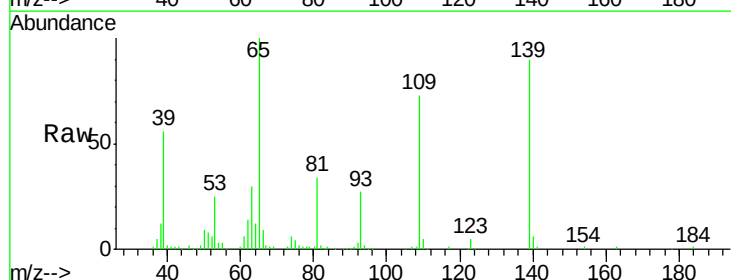
Manual Integrations
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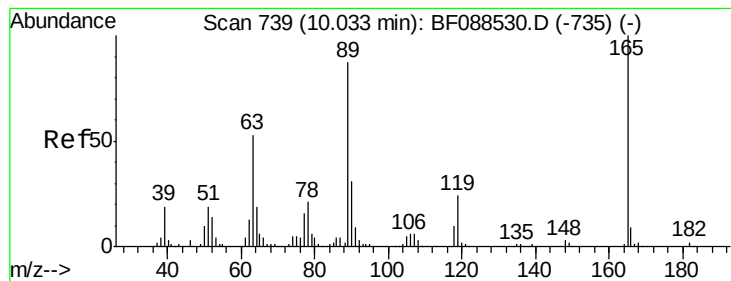
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#55
4-Nitrophenol
Concen: 73.92 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:139 Resp: 228596
Ion Ratio Lower Upper
139 100
109 80.8 48.9 88.9
65 110.7 84.9 124.9





#56

2,4-Dinitrotoluene

Concen: 41.13 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

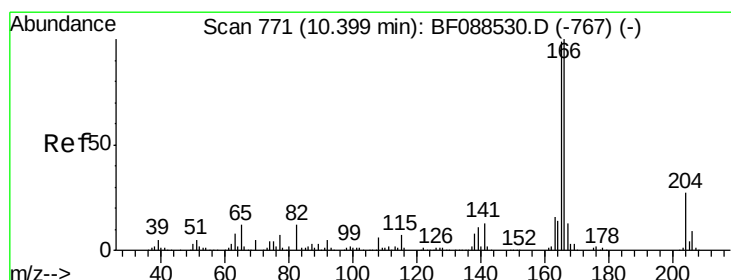
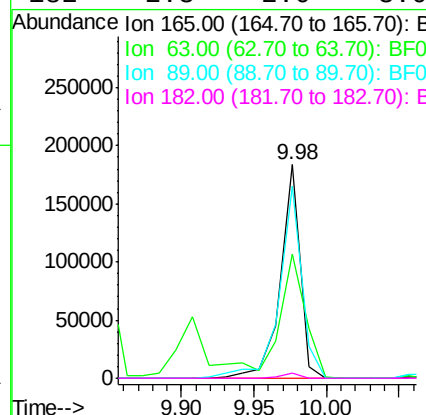
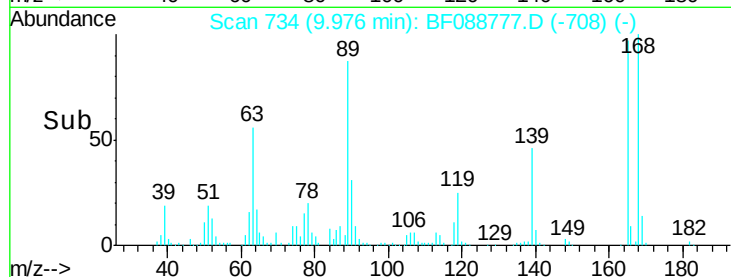
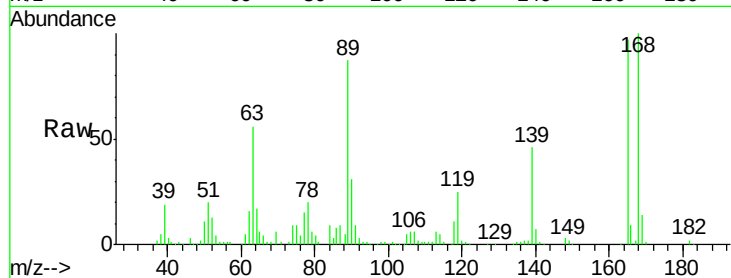
ClientSampleId :

PB91866BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		172141		
63	58.0	22.0	33.0#		
89	90.1	41.1	61.7#		
182	2.3	2.0	3.0		

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#57

Fluorene

Concen: 46.41 ng

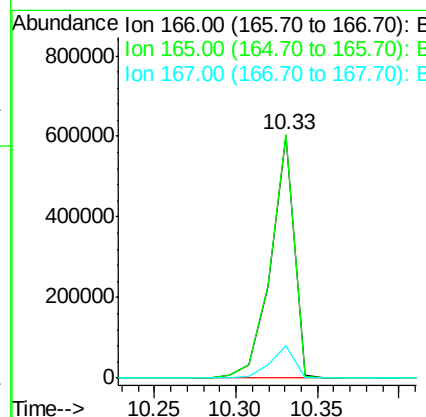
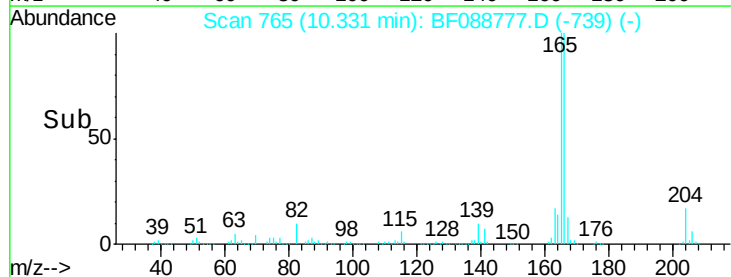
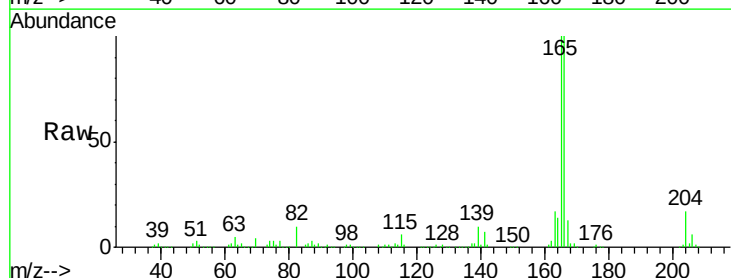
RT: 10.33 min Scan# 765

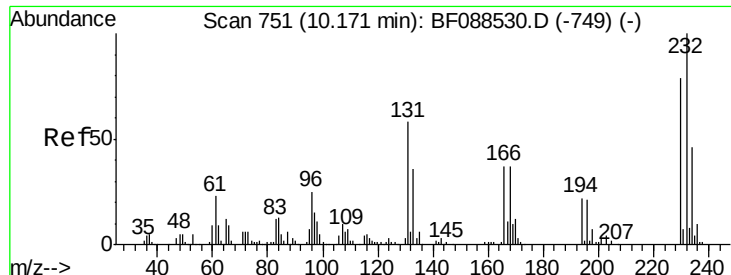
Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		601719		
165	100.2	77.8	116.8		
167	13.5	11.2	16.8		





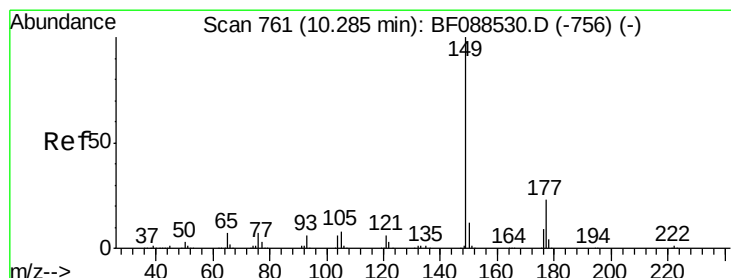
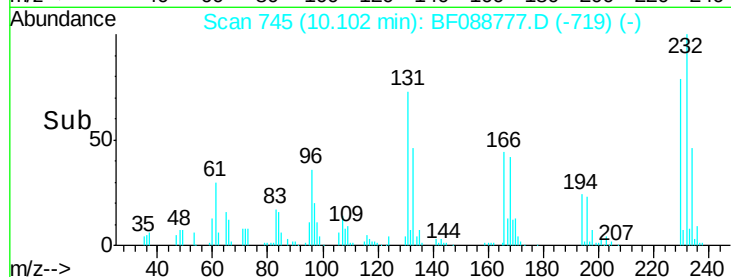
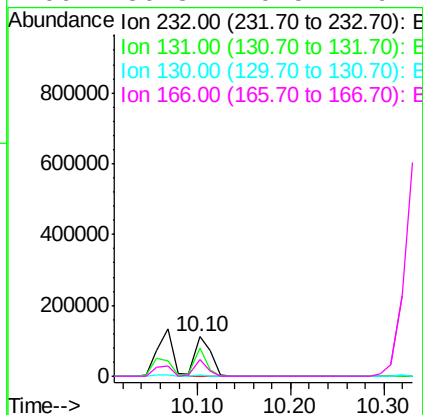
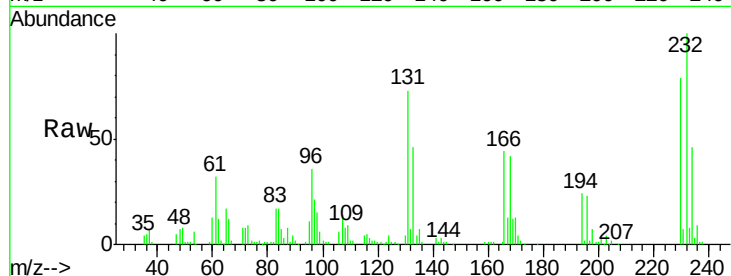
#58
2,3,4,6-Tetrachlorophenol
Concen: 44.21 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	57.4	0.9	1.3#
130	3.0	1.5	2.3#
166	36.3	0.5	0.7#

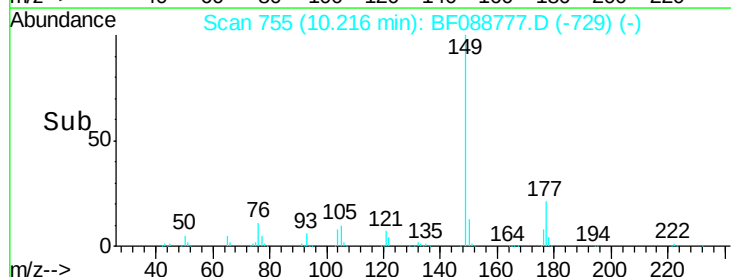
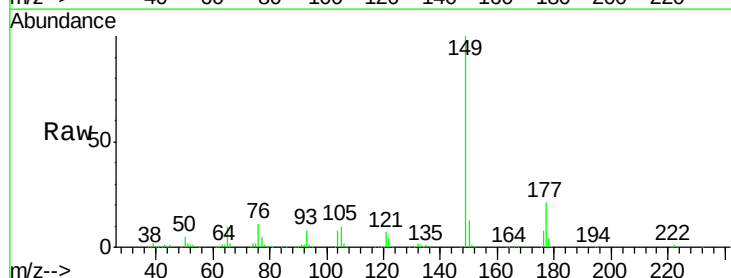
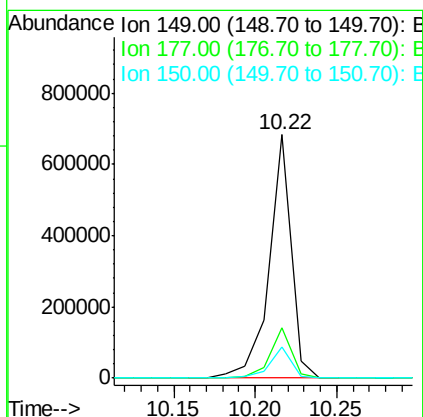
Manual Integrations
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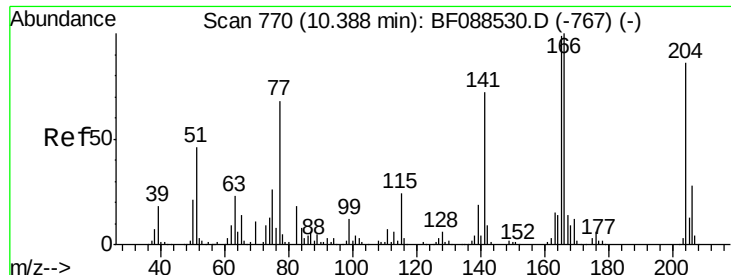
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#59
Diethylphthalate
Concen: 44.47 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.5	16.9	25.3
150	12.8	10.1	15.1





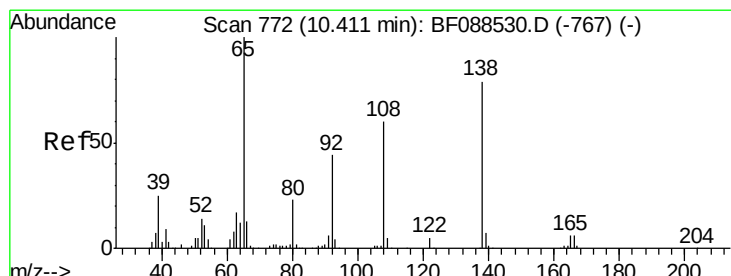
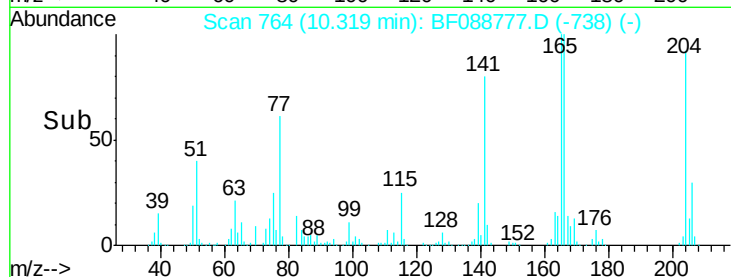
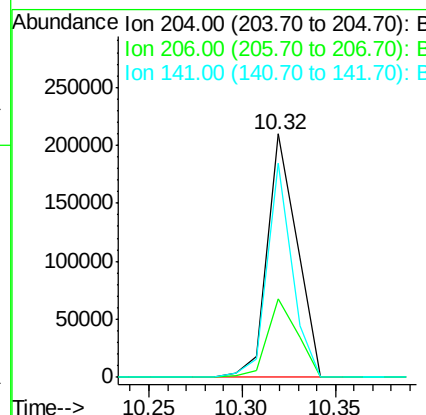
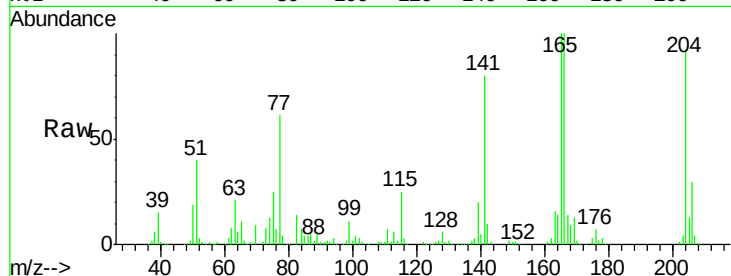
#60
 4-Chlorophenyl-phenylether
 Concen: 38.04 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampled :
 PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	229150		
206	32.4	26.3	39.5	
141	87.8	55.0	82.6	

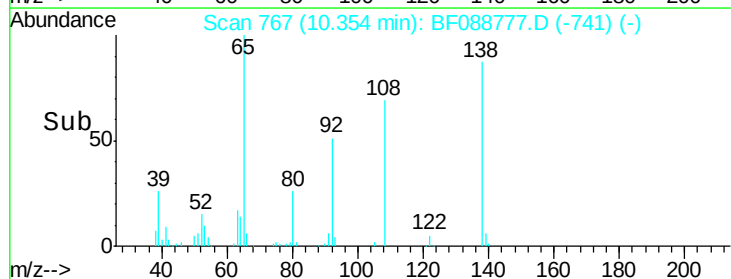
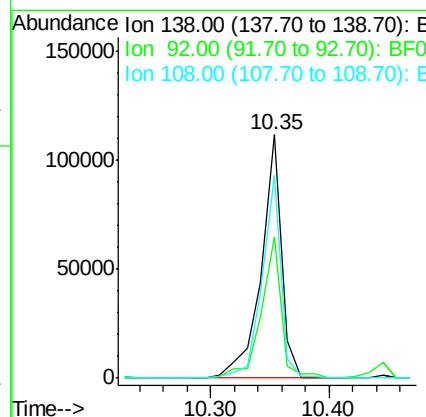
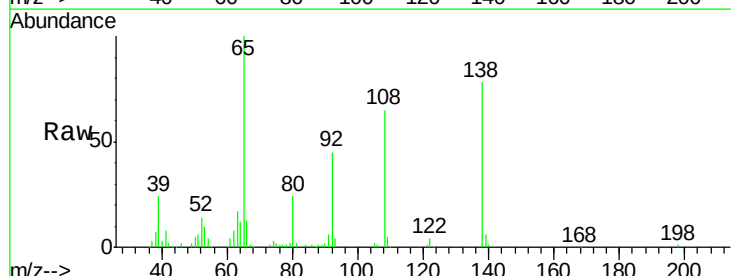
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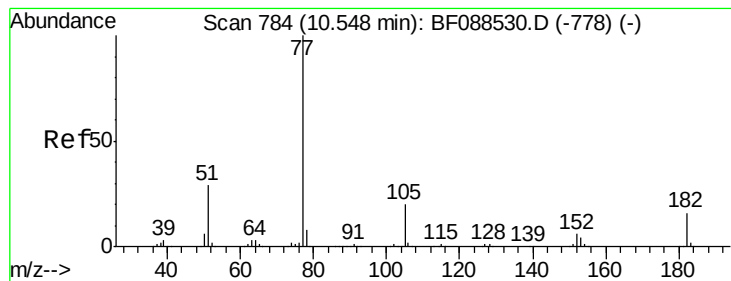
SOHIL
 7/8/2016 7:03:32 AM



#61
 4-Nitroaniline
 Concen: 34.28 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	134234		
92	58.1	27.3	67.3	
108	83.3	46.7	86.7	





#62

Azobenzene

Concen: 41.64 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

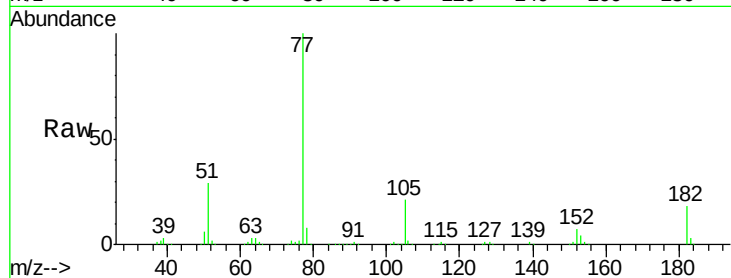
ClientSampleId :

PB91866BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	4.4	44.4
105	21.1	3.8	43.8
51	28.5	9.3	49.3

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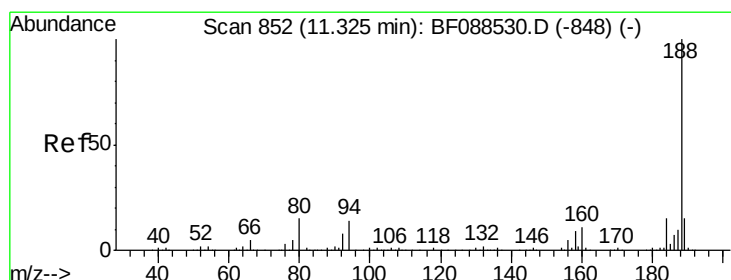
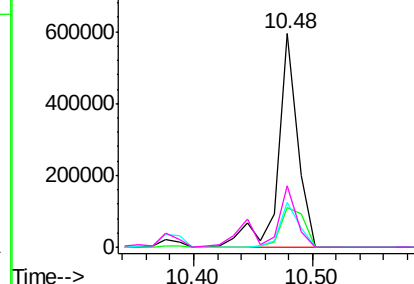
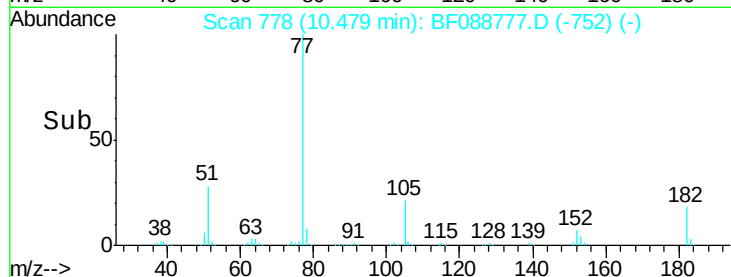


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

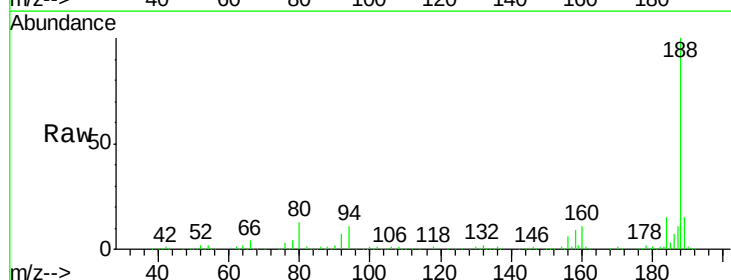
RT: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

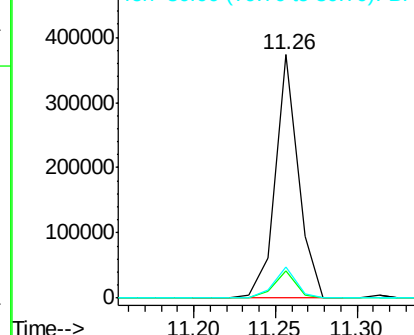
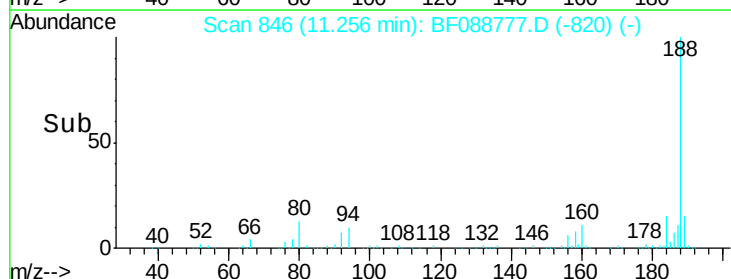
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	12.8	10.0	15.0

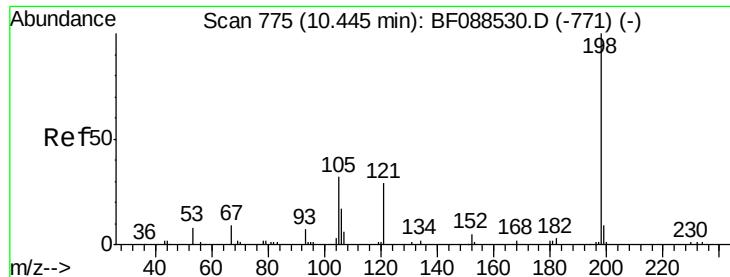


Abundance Ion 188.00 (187.70 to 188.70): E

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: 55.11 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

Tgt Ion:198 Resp: 108358
Ion Ratio Lower Upper

198 100

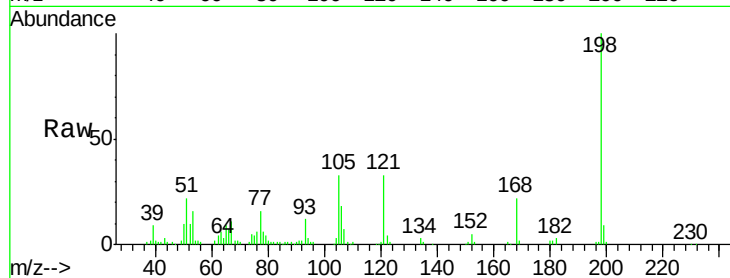
51 22.5 39.6 79.6#

105 33.3 36.6 76.6#

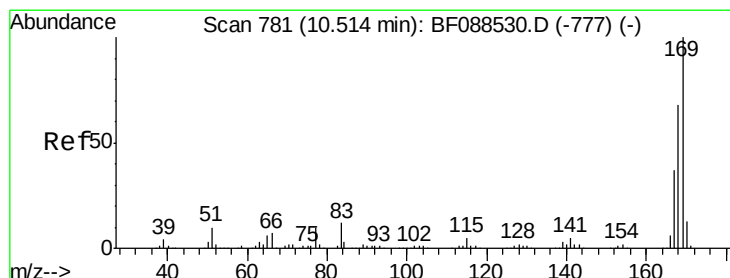
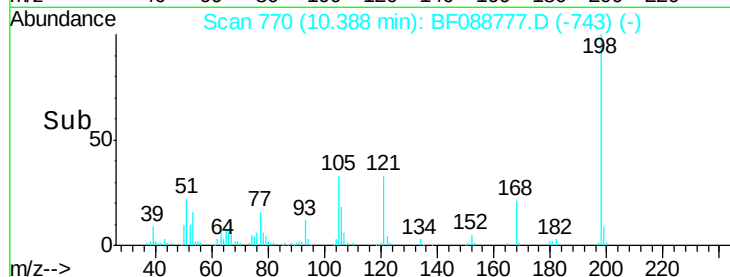
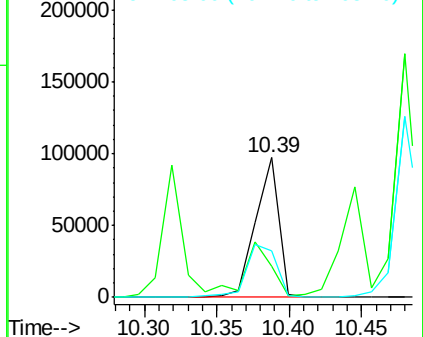
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.43 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088777.D

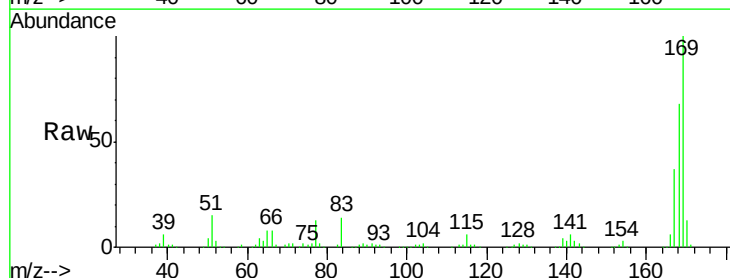
Acq: 7 Jul 2016 13:44

Tgt Ion:169 Resp: 502971
Ion Ratio Lower Upper

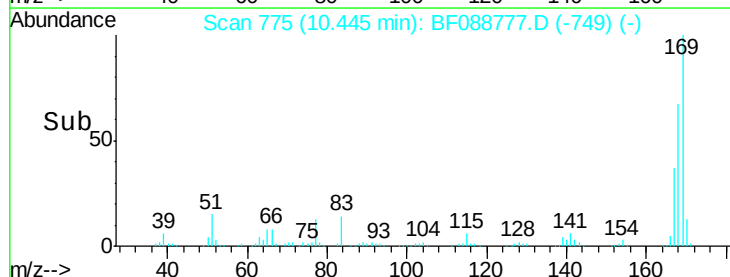
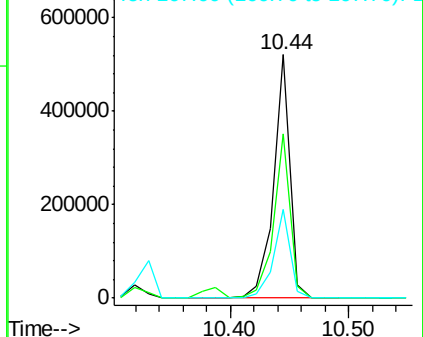
169 100

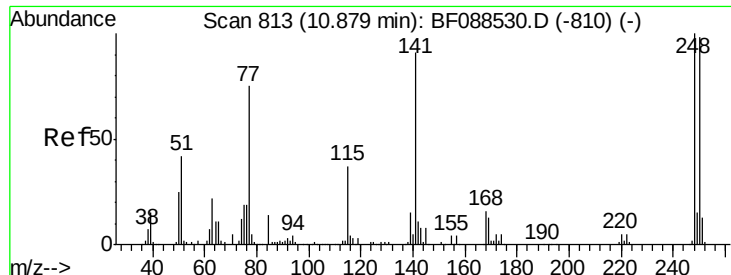
168 67.5 53.4 80.0

167 36.6 29.4 44.0



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





#66

4-Bromophenyl-phenylether

Concen: 45.22 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampled :

PB91866BS

Tgt Ion:248 Resp: 167518
Ion Ratio Lower Upper

248 100

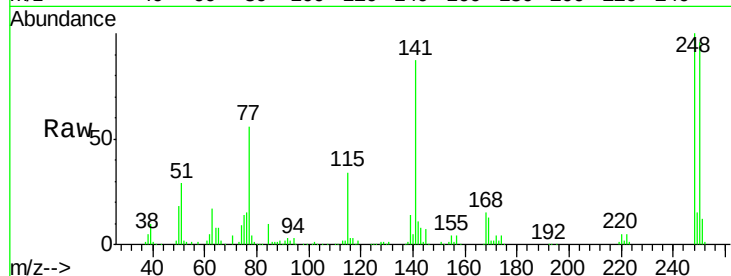
250 95.8 77.1 115.7

141 86.6 50.6 76.0#

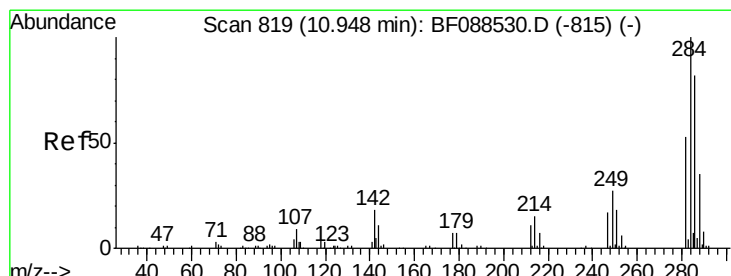
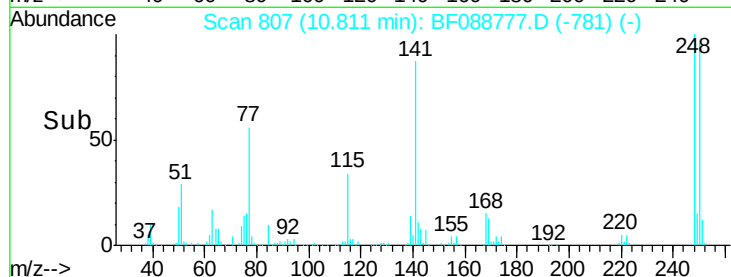
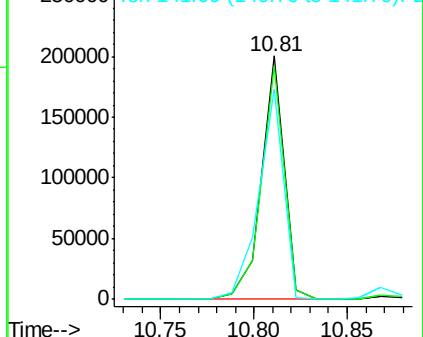
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 43.76 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF088777.D

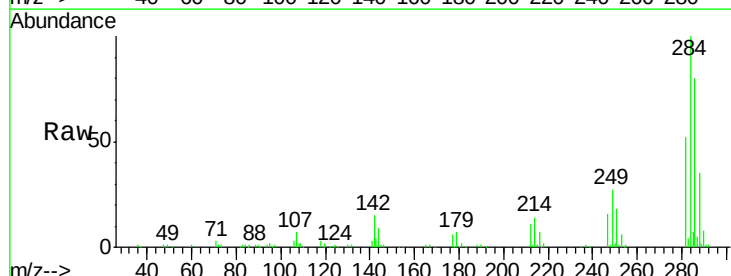
Acq: 7 Jul 2016 13:44

Tgt Ion:284 Resp: 179453
Ion Ratio Lower Upper

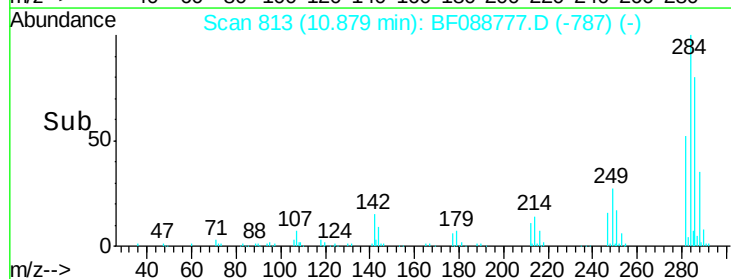
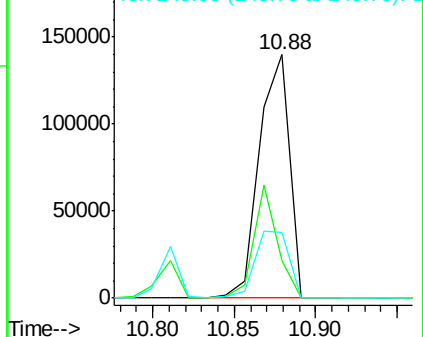
284 100

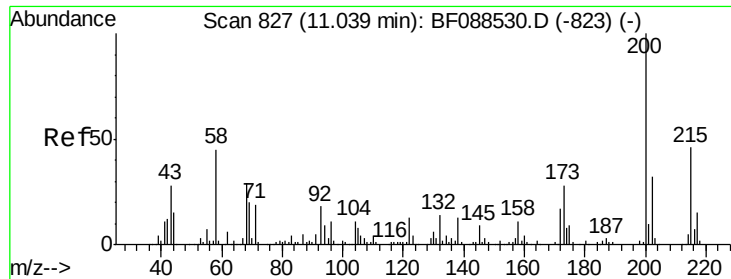
142 15.3 35.8 53.8#

249 27.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





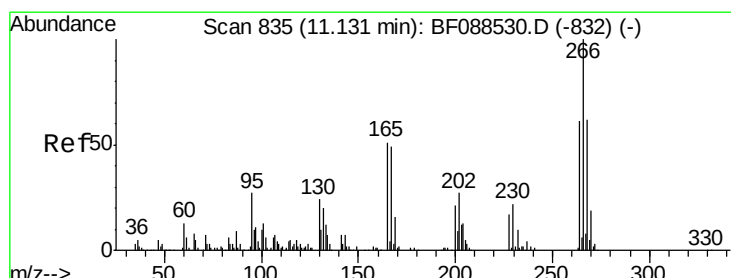
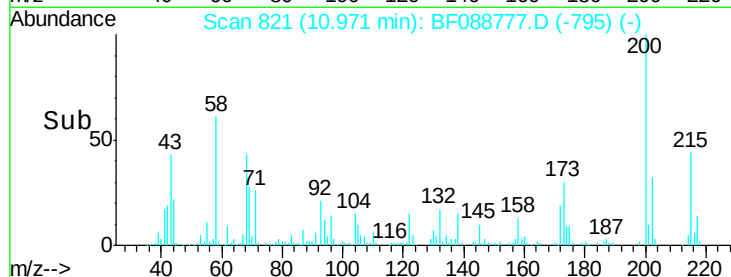
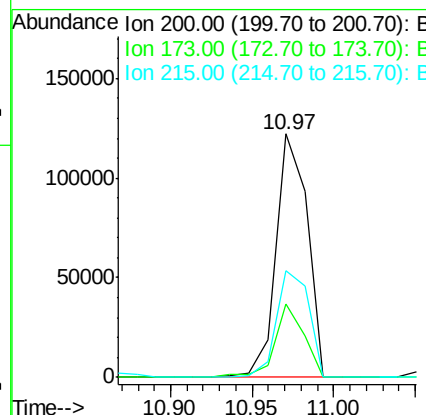
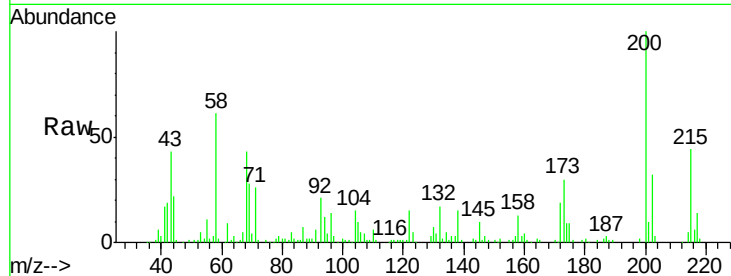
#68
 Atrazine
 Concen: 42.14 ng
 RT: 10.97 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	163383		
173	30.3	4.0	44.0	
215	43.6	29.3	69.3	

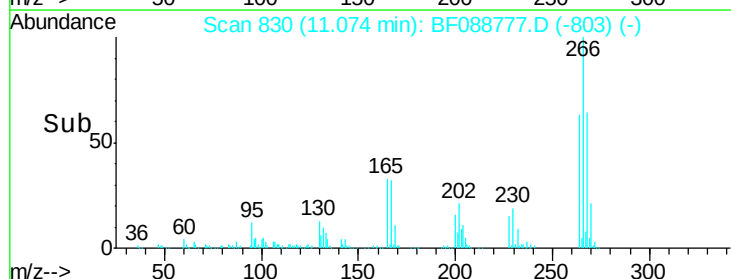
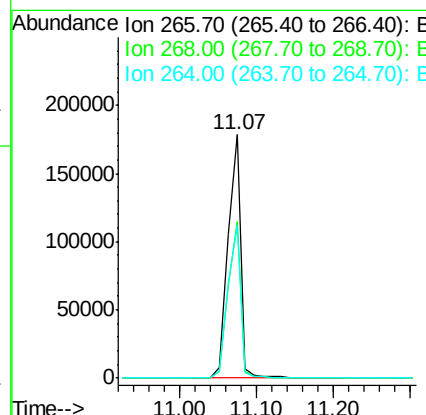
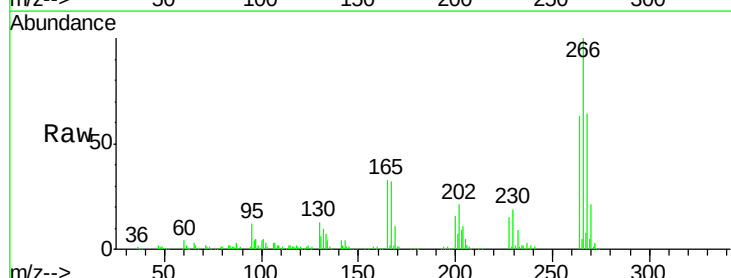
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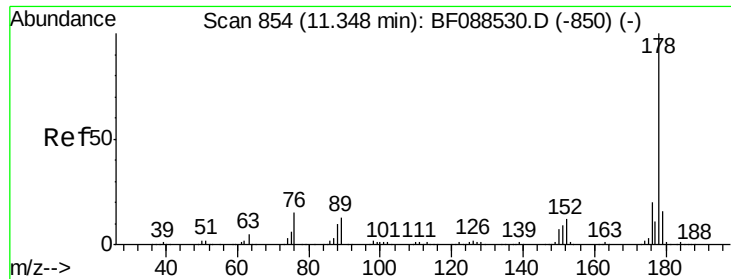
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#69
 Pentachlorophenol
 Concen: 87.05 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	211258		
268	64.5	52.8	79.2	
264	63.0	49.6	74.4	





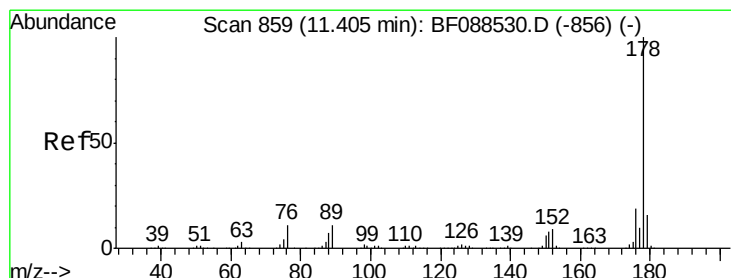
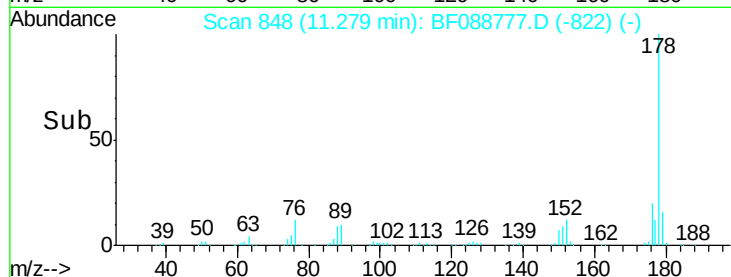
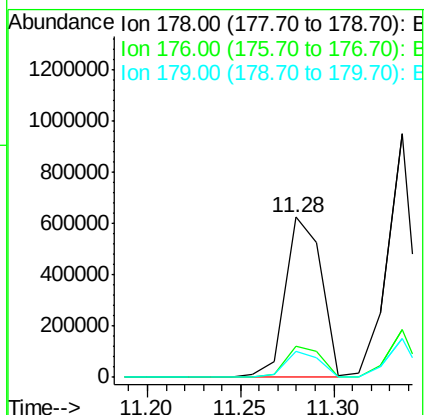
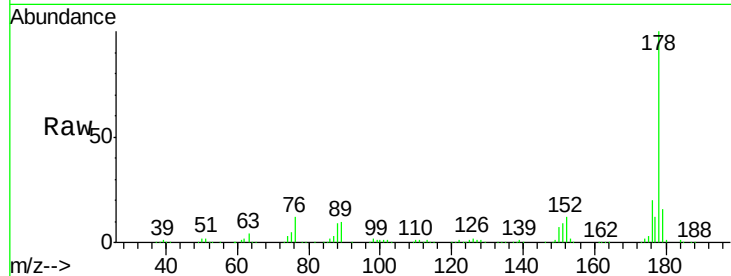
#70
Phenanthrene
Concen: 41.83 ng
RT: 11.28 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion:178 Resp: 840607
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.1 13.0 19.4

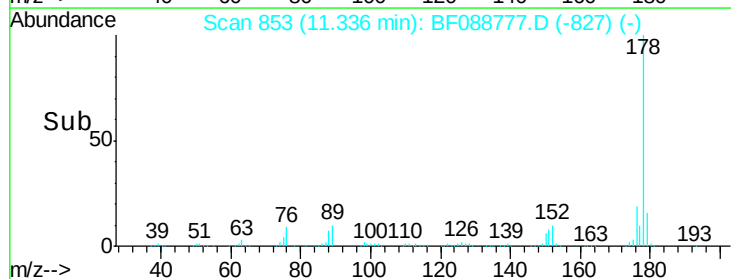
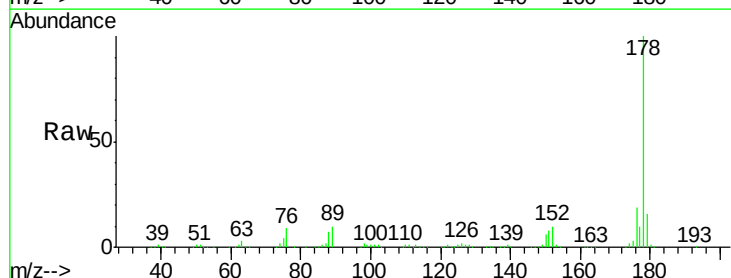
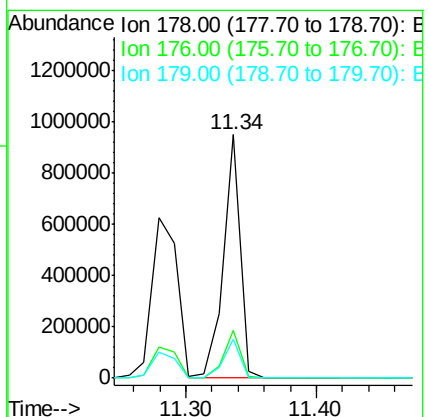
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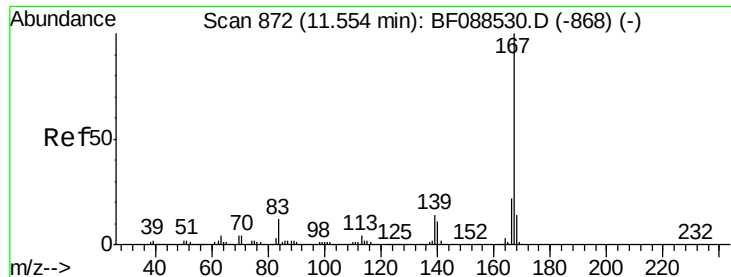
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#71
Anthracene
Concen: 42.83 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:178 Resp: 855742
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.0 12.8 19.2





#72

Carbazole

Concen: 41.18 ng

RT: 11.49 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

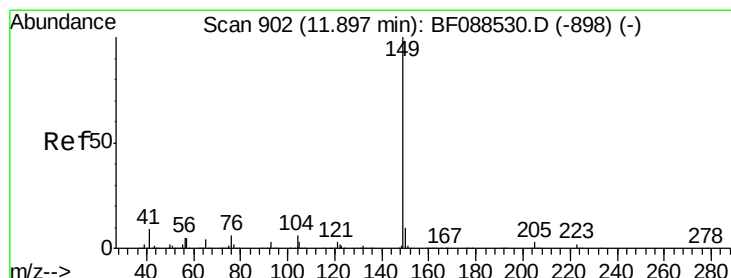
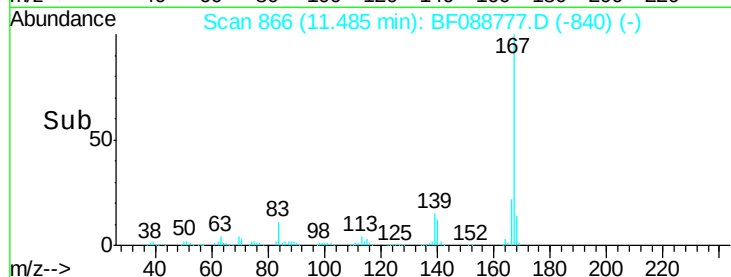
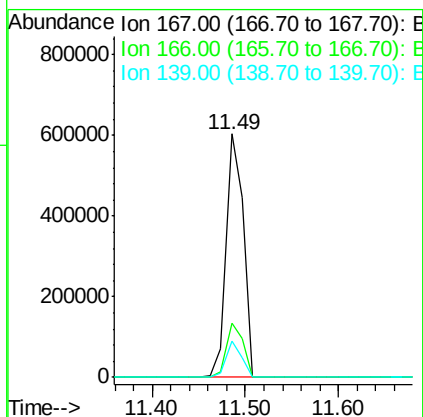
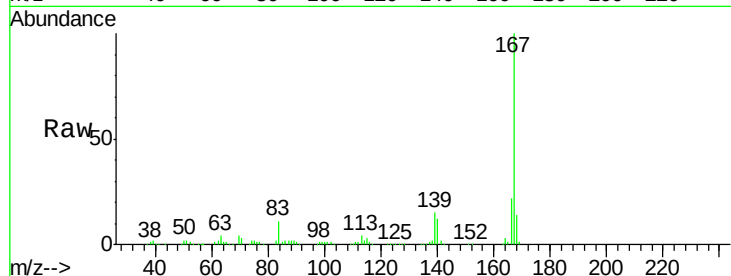
ClientSampleId :

PB91866BS

Tgt Ion:	167	Resp:	774492
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	14.8	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 41.70 ng

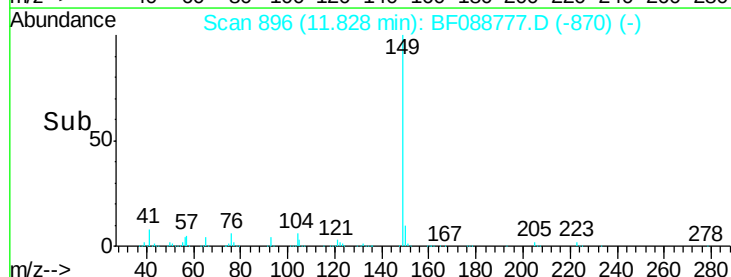
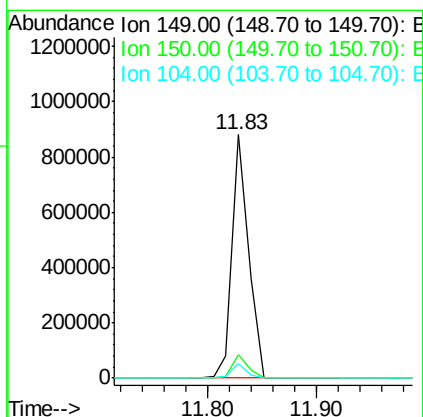
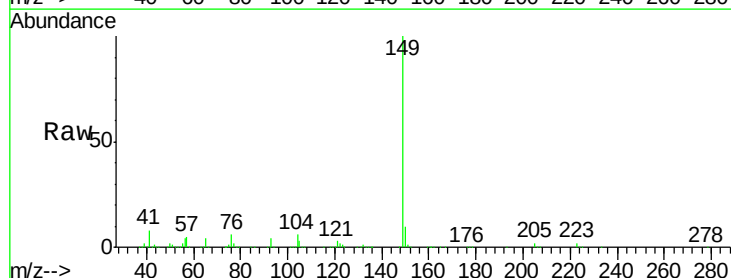
RT: 11.83 min Scan# 896

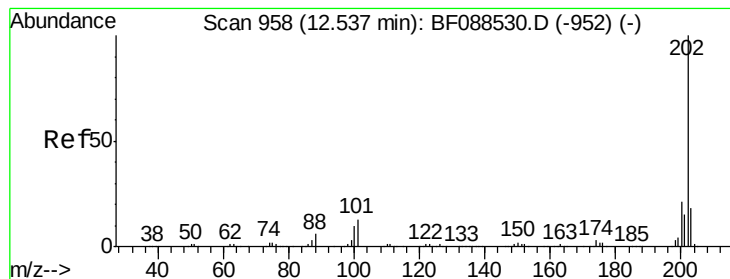
Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:	149	Resp:	912280
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.1	4.0	6.0#





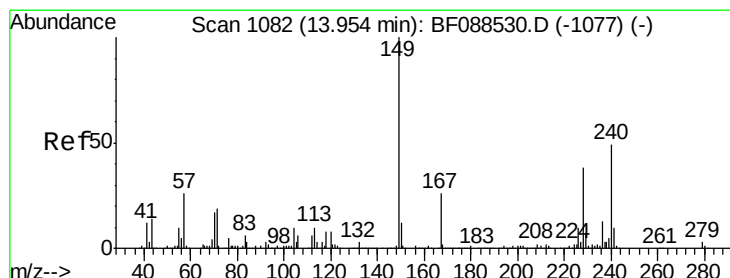
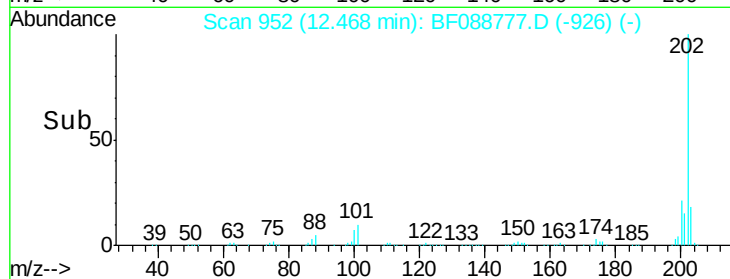
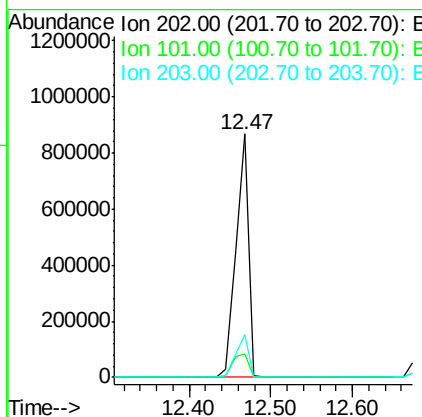
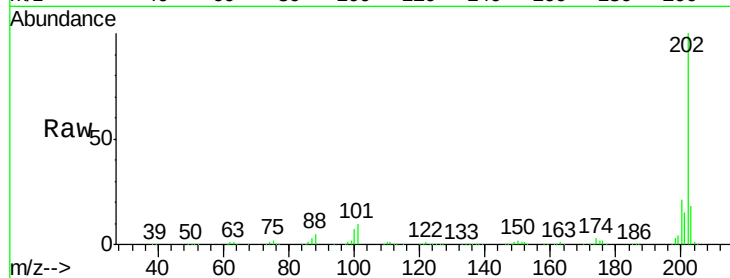
#74
Fluoranthene
 Concen: 45.83 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	0.0	33.1
203	17.7	0.0	38.1

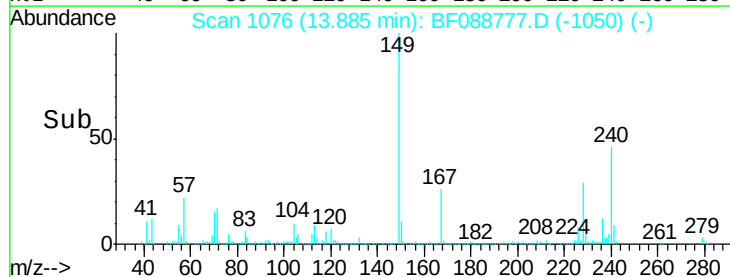
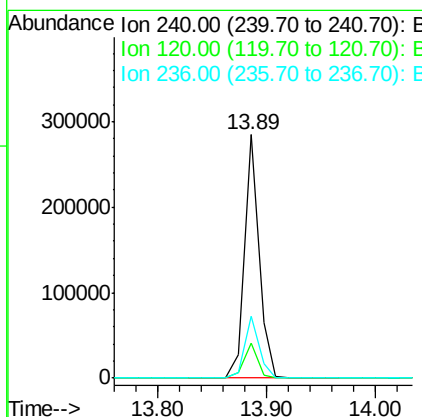
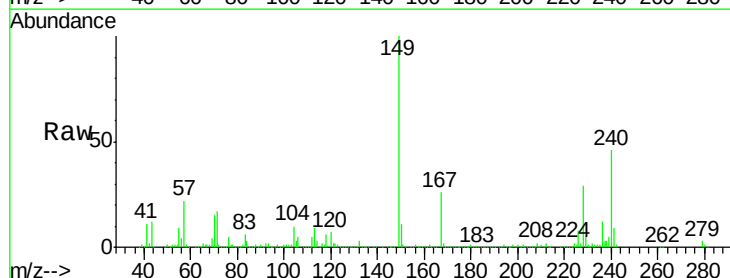
Manual Integrations
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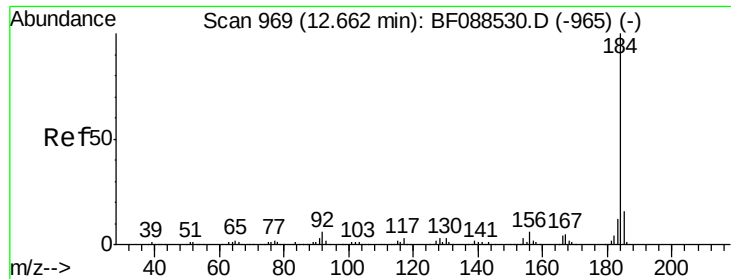
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.2	6.8	10.2#
236	25.6	20.2	30.2





#76

Benzidine

Concen: 41.55 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

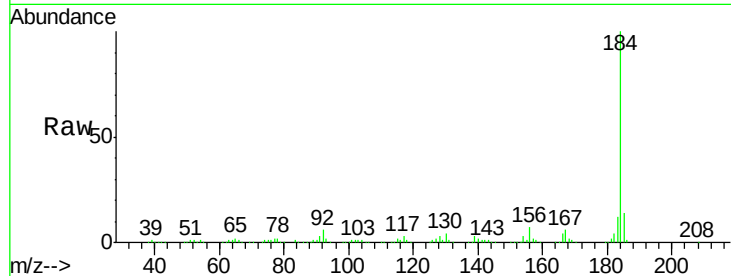
ClientSampleId :

PB91866BS

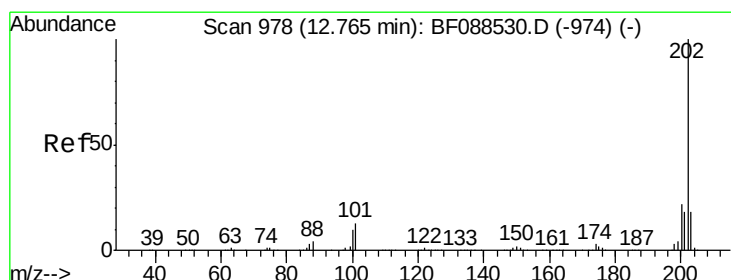
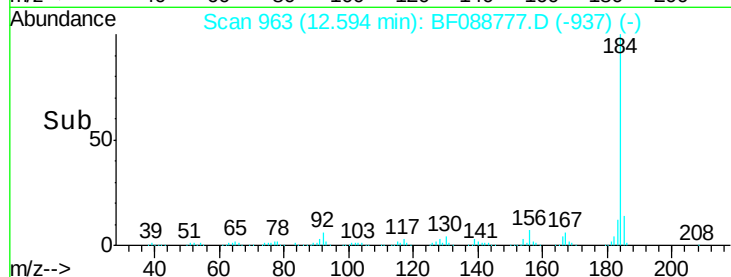
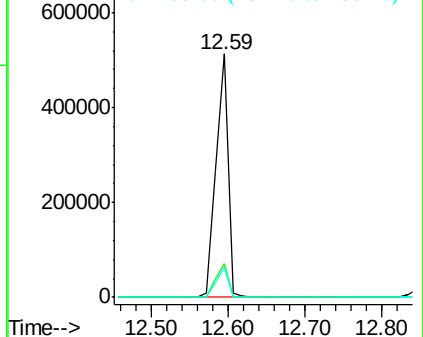
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	550950		
185	14.1	12.5	18.7	
183	12.1	9.3	13.9	

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 41.81 ng

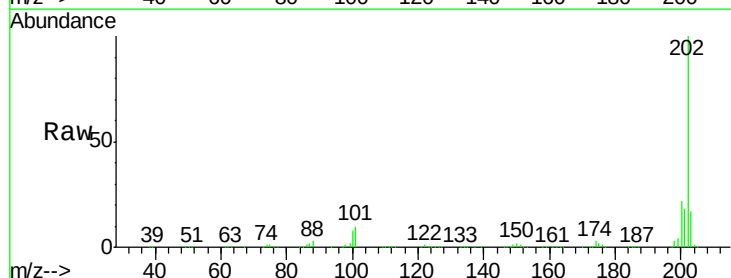
RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

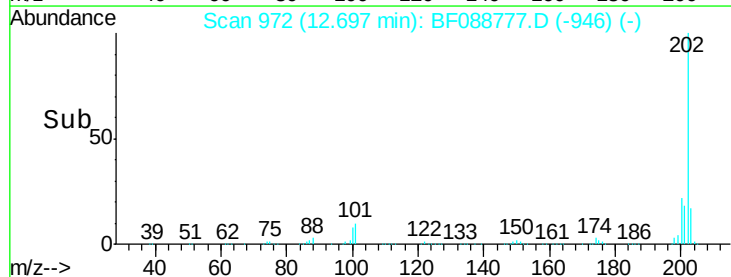
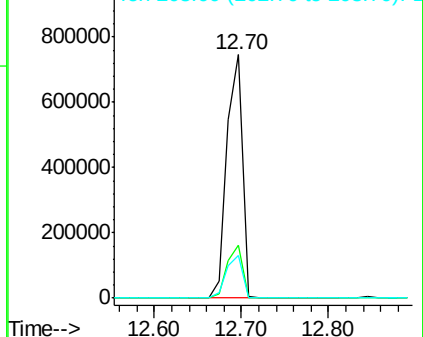
Lab File: BF088777.D

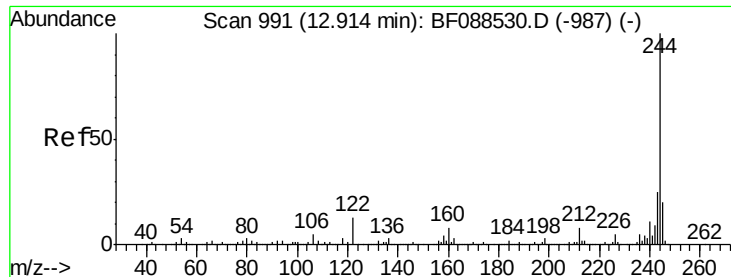
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	929904		
200	21.6	17.4	26.2	
203	17.4	14.5	21.7	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.02 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

Tgt Ion:244 Resp: 1001259

Ion Ratio Lower Upper

244 100

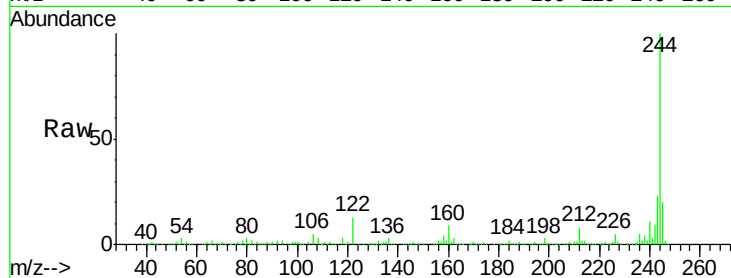
212 8.0 6.0 9.0

122 12.6 11.2 16.8

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1200000

1000000

800000

600000

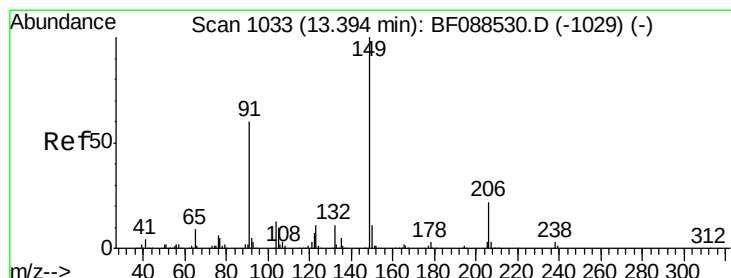
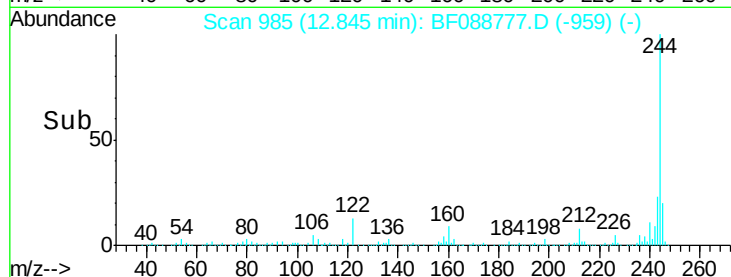
400000

200000

0

12.80 12.85 12.90 13.00

Time-->



#79

Butylbenzylphthalate

Concen: 45.02 ng

RT: 13.33 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

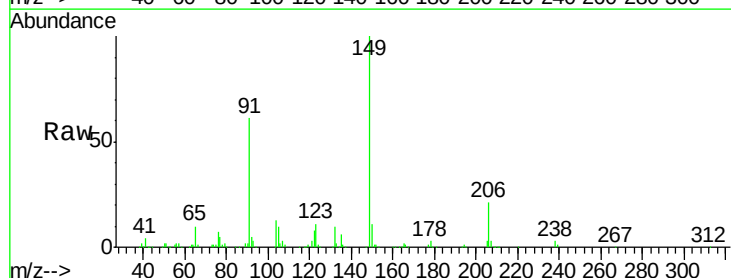
Tgt Ion:149 Resp: 446616

Ion Ratio Lower Upper

149 100

91 60.7 48.0 72.0

206 20.9 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

500000

400000

300000

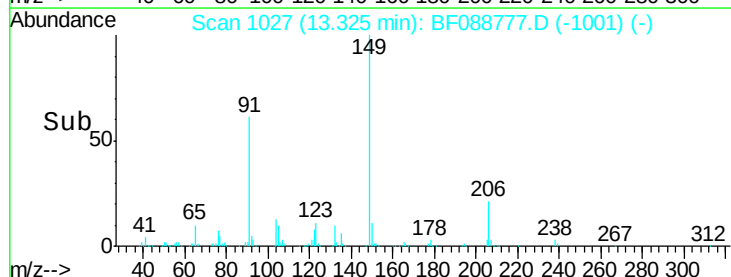
200000

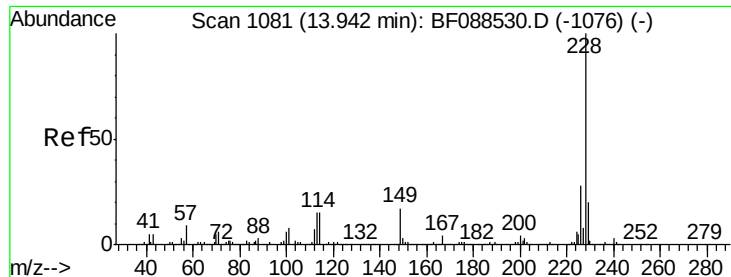
100000

0

13.25 13.30 13.35 13.40

Time-->





#80

Benzo(a)anthracene

Concen: 42.63 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

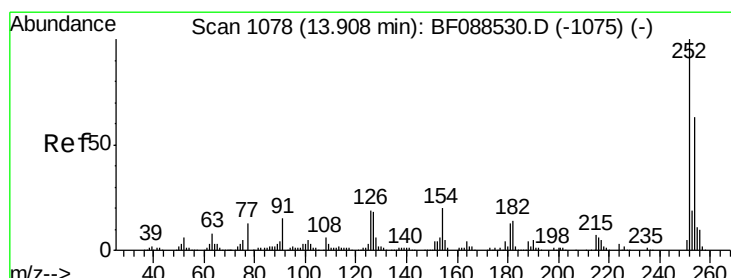
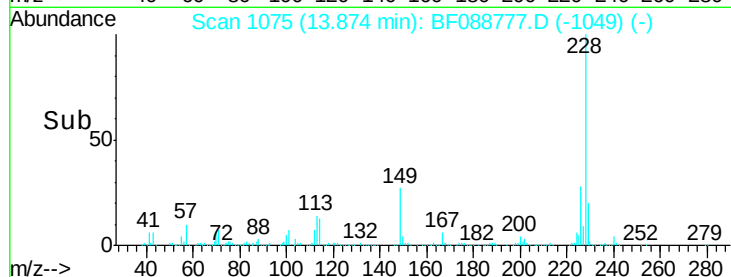
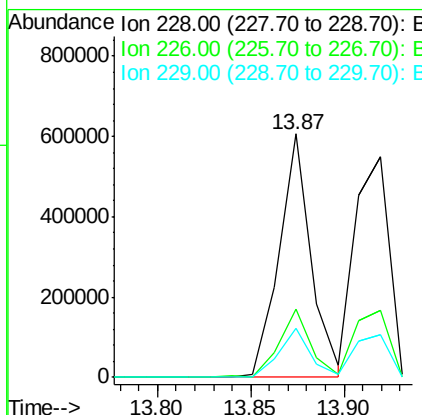
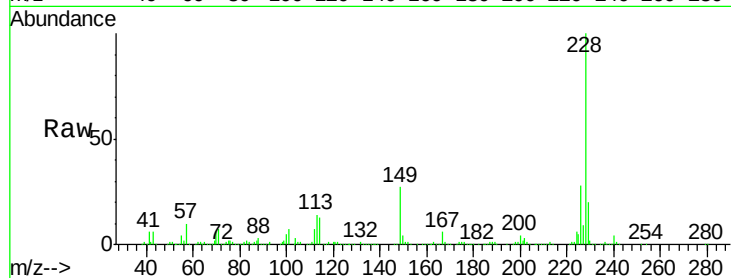
ClientSampleId :

PB91866BS

Tgt Ion:	228	Resp:	719981
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.3	33.5
229	19.9	16.0	24.0

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 21.83 ng

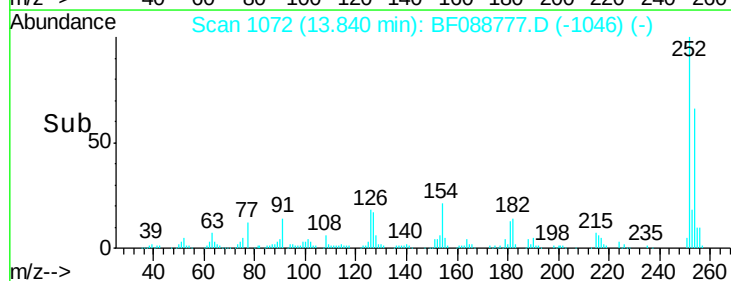
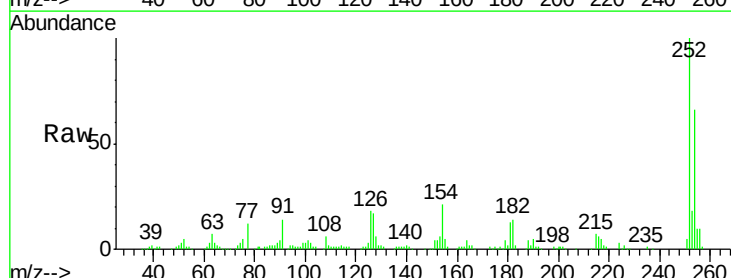
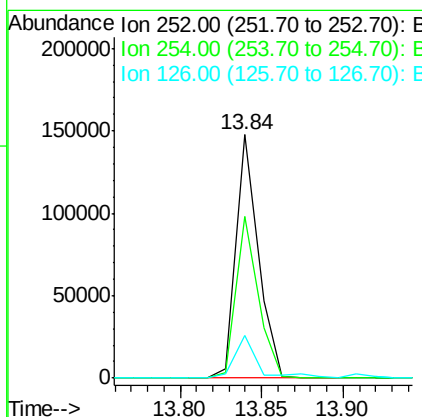
RT: 13.84 min Scan# 1072

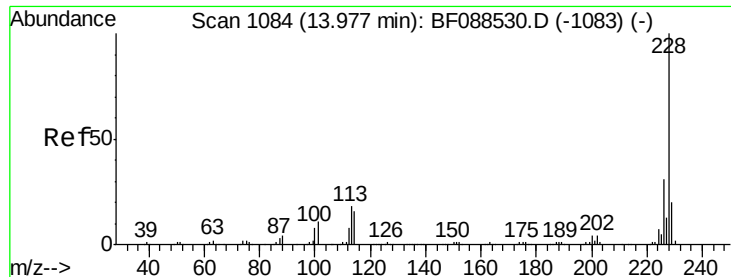
Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:	252	Resp:	138611
Ion Ratio	Lower	Upper	
252	100		
254	66.3	52.6	78.8
126	17.6	6.2	9.2#





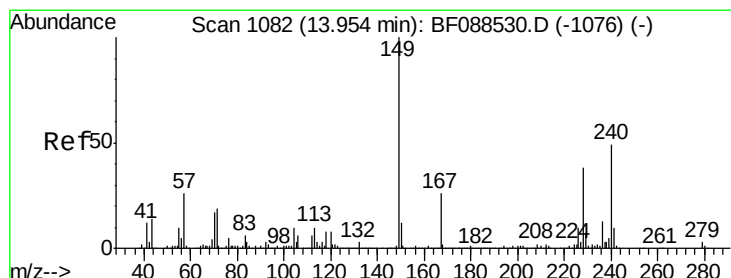
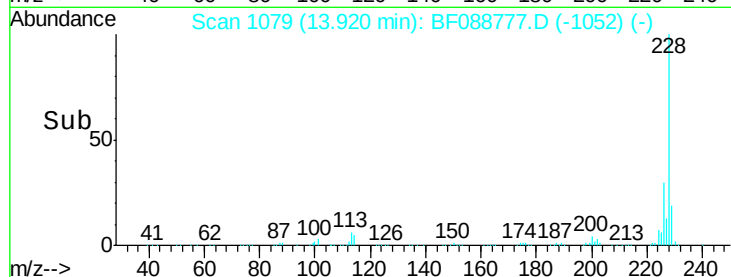
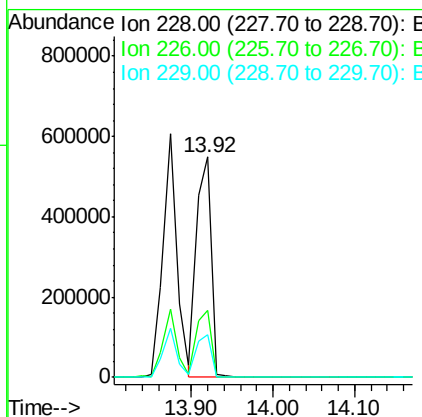
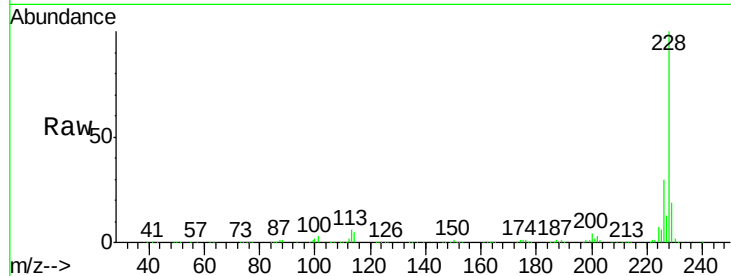
#82
Chrysene
 Concen: 41.96 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	19.5	16.3	24.5

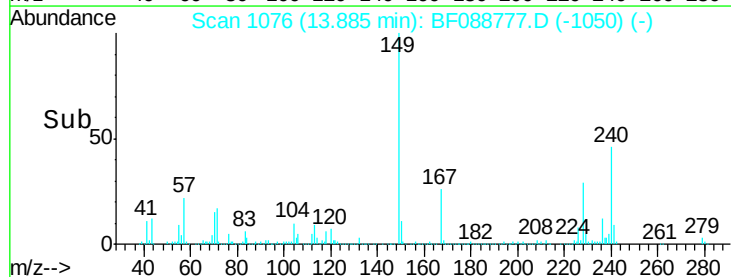
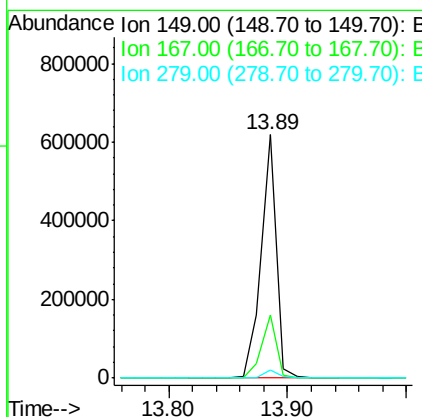
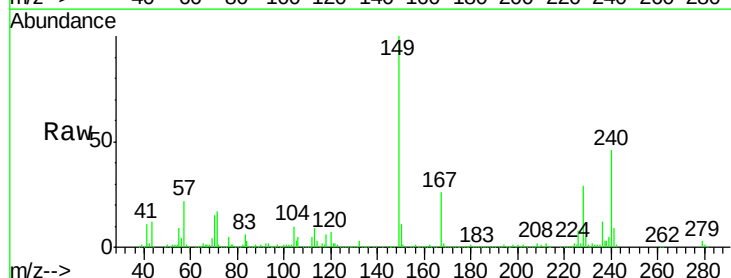
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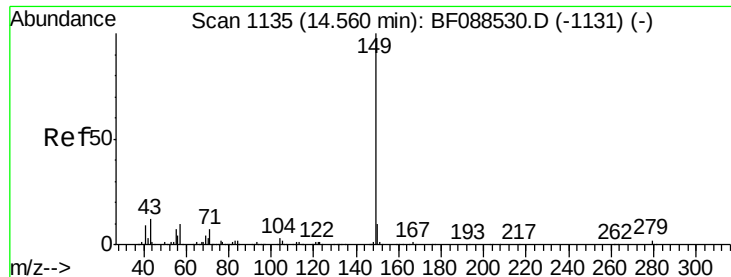
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 49.32 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.5	30.7
279	3.4	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 48.82 ng

RT: 14.49 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

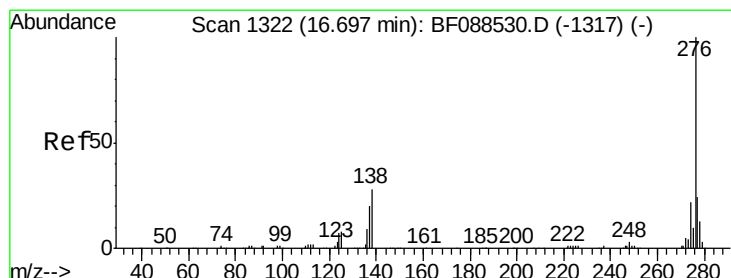
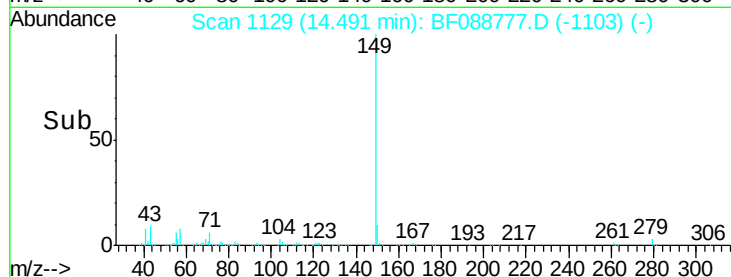
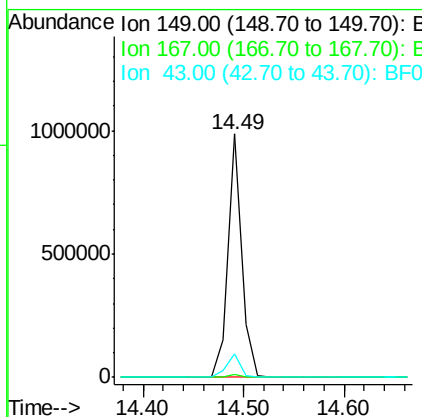
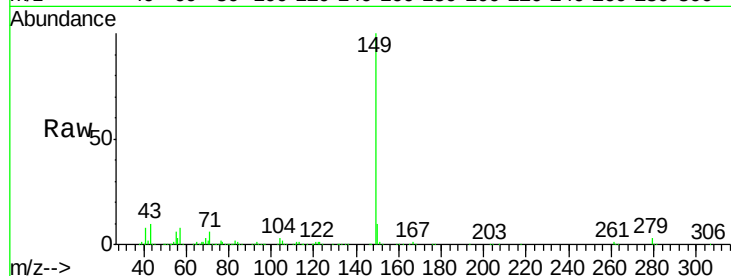
ClientSampleId :

PB91866BS

Tgt Ion:	149	Resp:	939345
Ion Ratio	Lower	Upper	
149	100		
167	1.4	0.0	0.0#
43	9.4	0.0	0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 47.53 ng

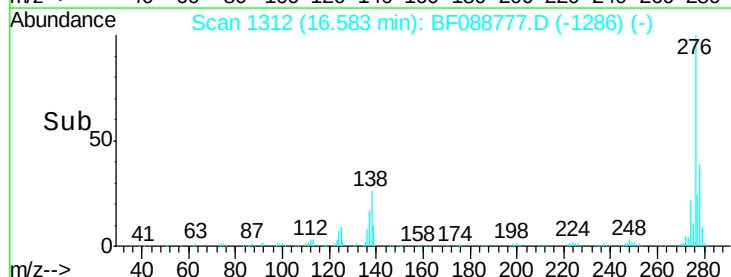
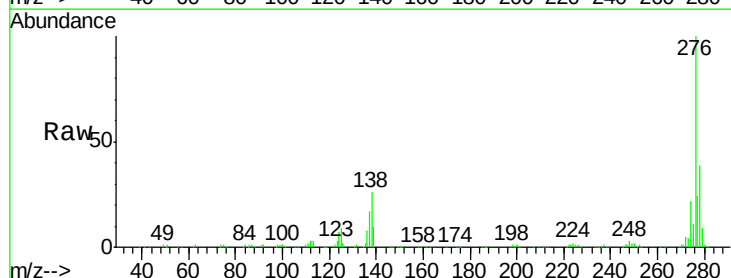
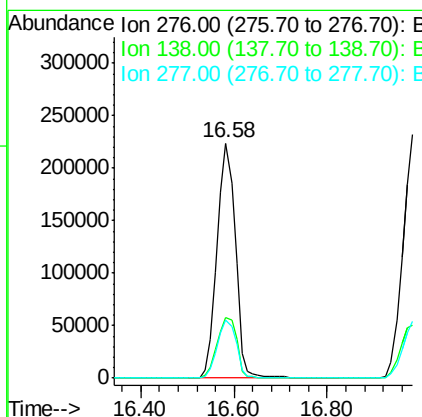
RT: 16.58 min Scan# 1312

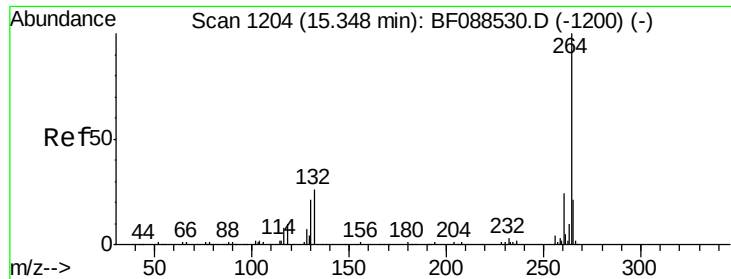
Delta R.T. 0.00 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:	276	Resp:	611093
Ion Ratio	Lower	Upper	
276	100		
138	27.8	0.0	0.0#
277	25.4	0.0	0.0#





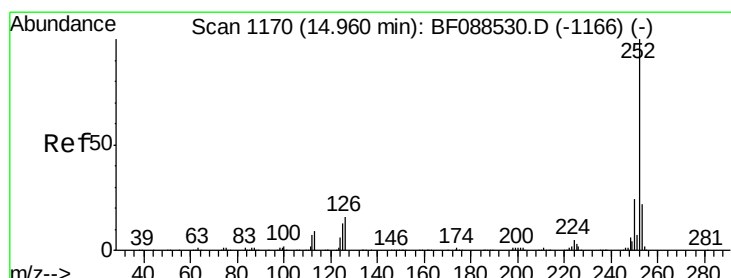
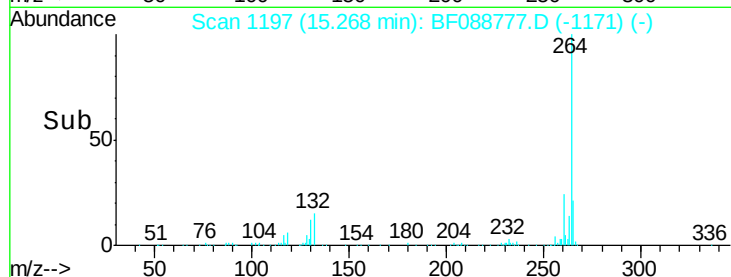
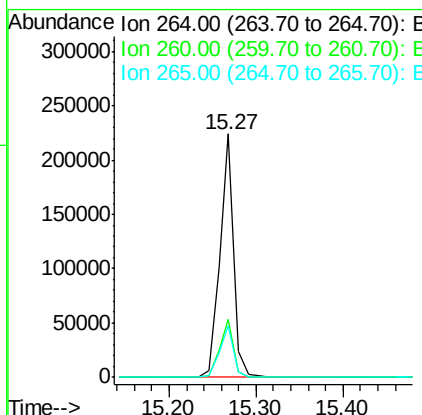
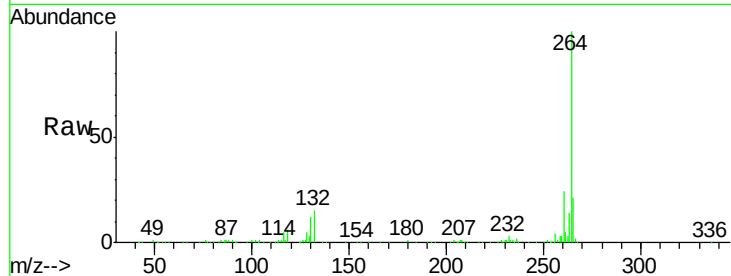
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	16.9	25.3

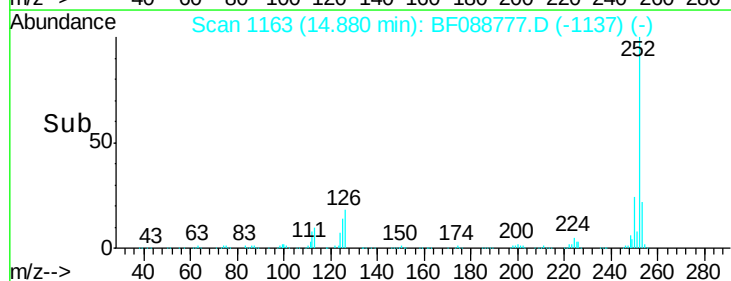
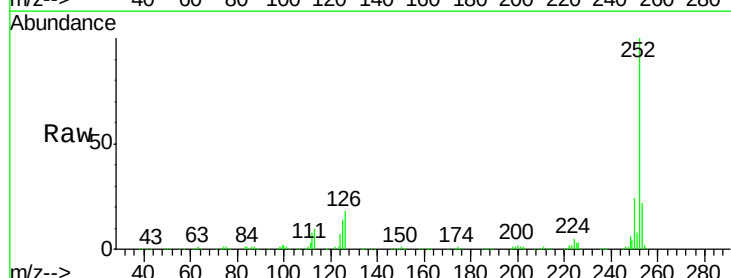
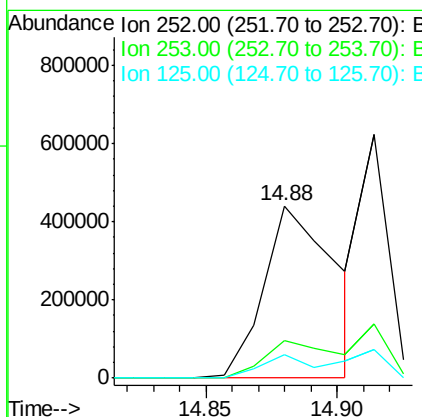
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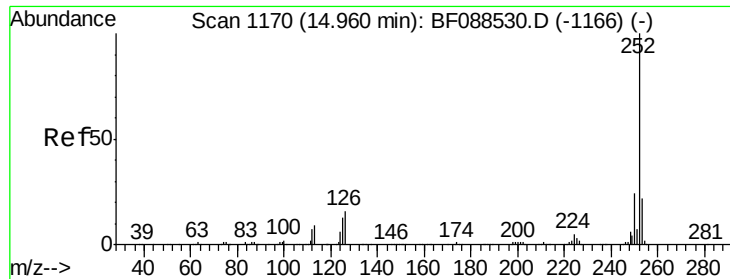
SOHIL
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#87
Benzo(b)fluoranthene
Concen: 53.11 ng m
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.9	7.1	10.7#





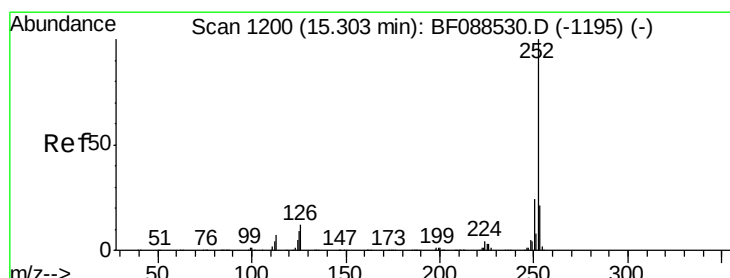
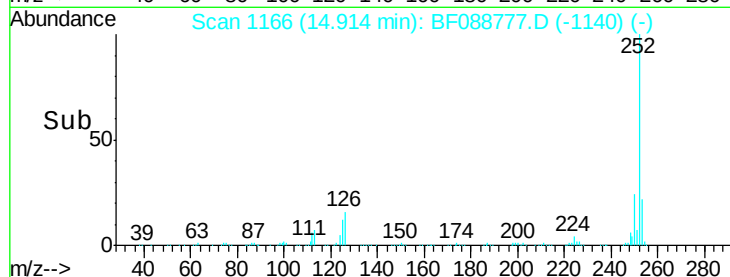
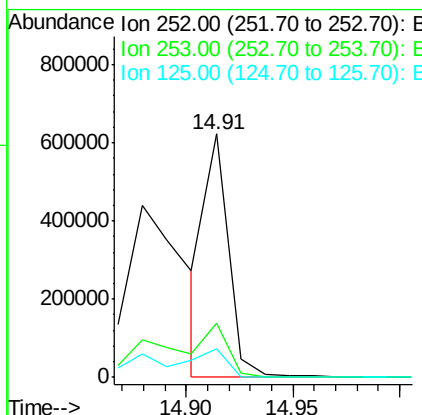
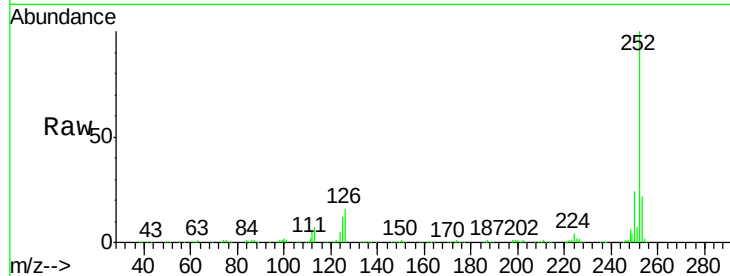
#88
Benzo(k)fluoranthene
Concen: 34.74 ng m
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.7	11.2	16.8

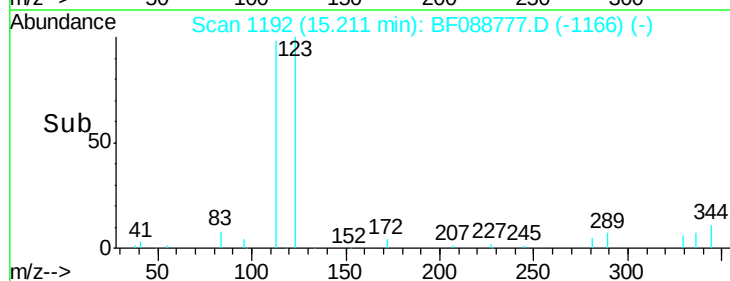
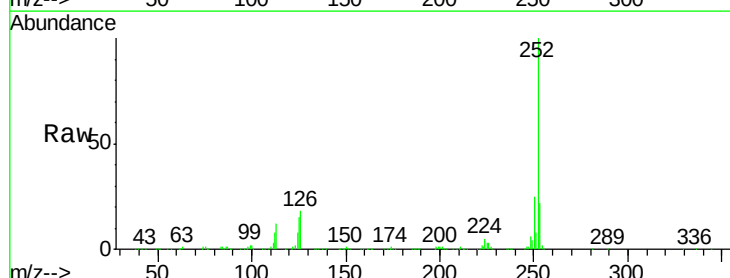
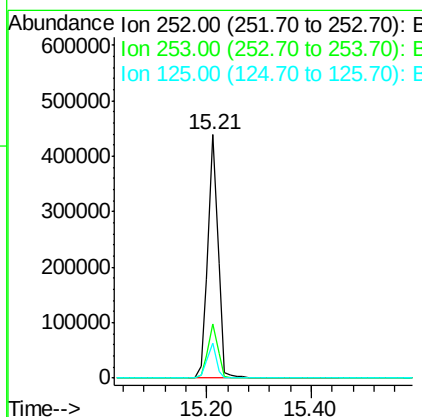
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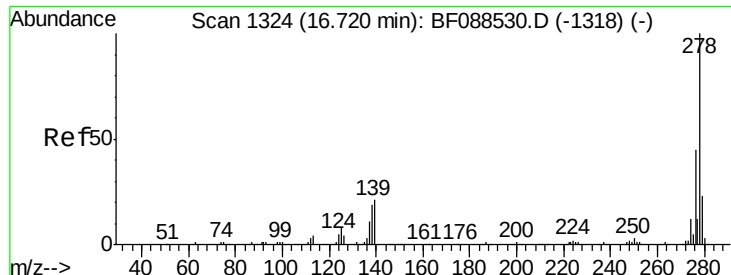
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#89
Benzo(a)pyrene
Concen: 45.67 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.5	12.5	18.7





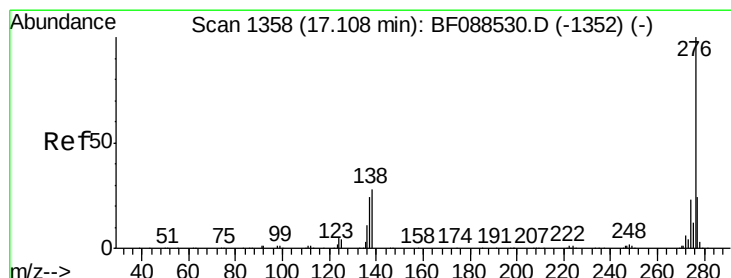
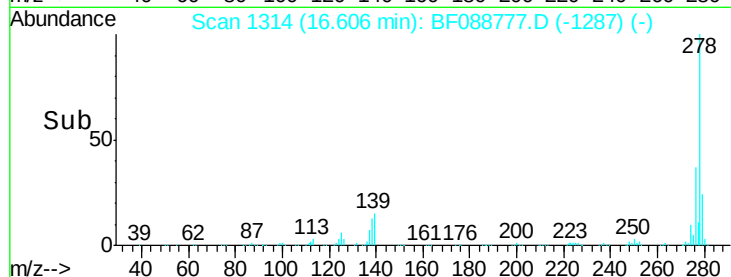
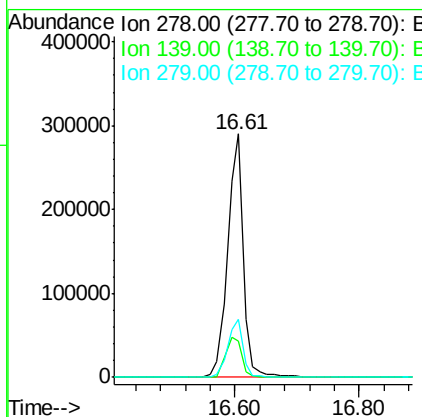
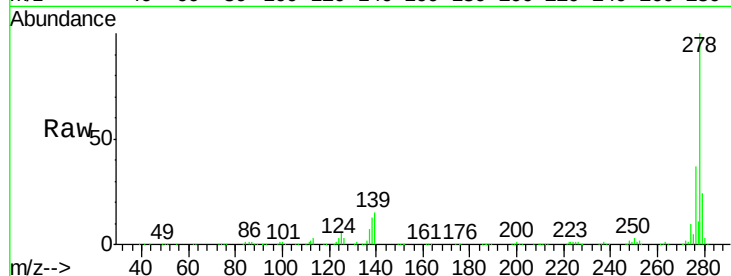
#90
Dibenzo(a,h)anthracene
 Concen: 46.03 ng
 RT: 16.61 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.7	23.5#
279	23.8	19.4	29.2

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#91
Benzo(g,h,i)perylene
 Concen: 43.08 ng
 RT: 16.98 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	21.7	21.4	32.2

