

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088733.D
 Acq On : 6 Jul 2016 12:27
 Operator : UM/SJ
 Sample : PB91761BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Manual Integrations
 APPROVED

SOHIL
 7/7/2016 1:55:42 AM

Quant Time: Jul 06 16:45:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	94299	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	405814	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	189787	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	368963	20.00	ng	0.00
75) Chrysene-d12	13.90	240	247932	20.00	ng	0.00
86) Perylene-d12	15.28	264	193687	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	673586	107.05	ng	0.01
7) Phenol-d6	6.40	99	977289	120.21	ng	0.00
23) Nitrobenzene-d5	7.32	82	573327	74.04	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	221441	125.65	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1046011	87.06	ng	0.00
78) Terphenyl-d14	12.86	244	933607	83.87	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.04	79	267815	29.59	ng	92
4) n-Nitrosodimethylamine	2.99	42	115566	33.42	ng	91
6) Aniline	6.42	93	315126	26.60	ng	# 53
8) 2-Chlorophenol	6.55	128	298122	44.08	ng	90
9) Benzaldehyde	6.30	77	196159	35.62	ng	82
10) Phenol	6.42	94	315355	33.99	ng	# 55
11) bis(2-Chloroethyl)ether	6.50	93	275661	39.84	ng	89
12) 1,3-Dichlorobenzene	6.70	146	267941	36.01	ng	97
13) 1,4-Dichlorobenzene	6.78	146	291995	39.53	ng	97
14) 1,2-Dichlorobenzene	6.92	146	255418	36.94	ng	# 85
15) Benzyl Alcohol	6.90	79	249514	41.70	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	343075	34.24	ng	86
17) 2-Methylphenol	7.03	107	254199	46.08	ng	98
18) Hexachloroethane	7.27	117	109971	38.49	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	223785	40.98	ng	# 85
20) 3+4-Methylphenols	7.18	107	268415	40.54	ng	# 82
22) Acetophenone	7.18	105	399202	40.53	ng	# 87
24) Nitrobenzene	7.35	77	346856	44.42	ng	92
25) Isophorone	7.59	82	572992	39.95	ng	97
26) 2-Nitrophenol	7.66	139	144939	45.27	ng	90
27) 2,4-Dimethylphenol	7.70	122	259005	38.84	ng	88
28) bis(2-Chloroethoxy)methane	7.80	93	393459	42.15	ng	# 96
29) 2,4-Dichlorophenol	7.91	162	255356	47.38	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	244627	41.36	ng	100
31) Naphthalene	8.07	128	854131	42.69	ng	99
32) Benzoic acid	7.77	122	12062	2.49	ng	# 82
33) 4-Chloroaniline	8.11	127	201362	22.62	ng	97
34) Hexachlorobutadiene	8.19	225	132103	41.71	ng	98
35) Caprolactam	8.49	113	78223m	42.74	ng	
36) 4-Chloro-3-methylphenol	8.60	107	272983	42.83	ng	93
37) 2-Methylnaphthalene	8.75	142	496338	38.53	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	226448	35.87	ng	# 1
40) Hexachlorocyclopentadiene	8.91	237	239492	77.30	ng	99
42) 2,4,6-Trichlorophenol	9.04	196	189224	45.47	ng	98

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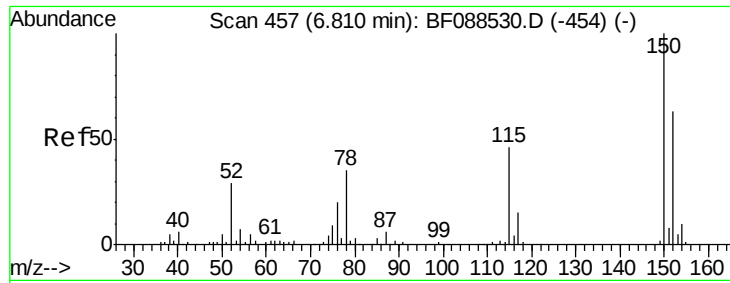
Manual Integrations
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SOHIL
 7/7/2016 1:55:42 AM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	151139	42.21	ng	# 82
45) 1,1'-Biphenyl	9.22	154	645545	41.08	ng	99
46) 2-Chloronaphthalene	9.24	162	511707	41.48	ng	98
47) 2-Nitroaniline	9.34	65	156047	35.64	ng	95
48) Acenaphthylene	9.66	152	769006	39.17	ng	99
49) Dimethylphthalate	9.53	163	587435	43.45	ng	100
50) 2,6-Dinitrotoluene	9.59	165	146920	49.03	ng	# 67
51) Acenaphthene	9.83	154	460096	38.24	ng	98
52) 3-Nitroaniline	9.75	138	93803	24.62	ng	87
53) 2,4-Dinitrophenol	9.85	184	21265	16.07	ng	# 79
54) Dibenzofuran	10.00	168	680090	43.18	ng	# 86
55) 4-Nitrophenol	9.92	139	231986	80.14	ng	94
56) 2,4-Dinitrotoluene	9.99	165	164627	42.02	ng	# 45
57) Fluorene	10.34	166	530622	43.72	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	126997	45.84	ng	# 54
59) Diethylphthalate	10.23	149	598823	44.13	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	251863	44.66	ng	# 88
61) 4-Nitroaniline	10.36	138	134384	36.66	ng	82
62) Azobenzene	10.49	77	708876	45.80	ng	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	32592	16.52	ng	# 55
65) n-Nitrosodiphenylamine	10.46	169	476249	38.14	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	146297	39.35	ng	# 75
67) Hexachlorobenzene	10.89	284	181522	44.10	ng	# 86
68) Atrazine	10.99	200	177025	45.49	ng	98
69) Pentachlorophenol	11.08	266	116466	47.81	ng	99
70) Phenanthrene	11.30	178	898139	44.53	ng	99
71) Anthracene	11.35	178	769558	38.37	ng	100
72) Carbazole	11.51	167	855053	45.30	ng	99
73) Di-n-butylphthalate	11.84	149	938220	42.73	ng	# 99
74) Fluoranthene	12.48	202	870390	42.57	ng	99
76) Benzidine	12.61	184	547948	43.72	ng	98
77) Pyrene	12.71	202	909414	43.26	ng	100
79) Butylbenzylphthalate	13.34	149	418373	44.62	ng	98
80) Benzo(a)anthracene	13.89	228	681015	42.66	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	111868	18.64	ng	# 96
82) Chrysene	13.93	228	670158	42.43	ng	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	510590	47.69	ng	# 99
84) Di-n-octyl phthalate	14.50	149	814302	44.77	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.61	276	511415	42.08	ng	# 100
87) Benzo(b)fluoranthene	14.89	252	507799m	41.79	ng	
88) Benzo(k)fluoranthene	14.93	252	542024m	51.24	ng	
89) Benzo(a)pyrene	15.22	252	457988	44.52	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	420764	48.98	ng	99
91) Benzo(g,h,i)perylene	17.01	276	437450	49.21	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

ClientSampleId :

PB91761BS

Tgt Ion:152 Resp: 94299

Ion Ratio Lower Upper

152 100

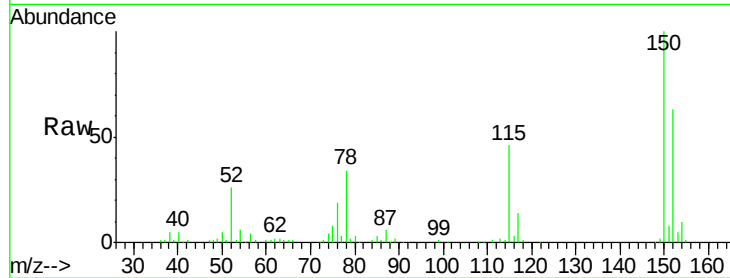
150 159.5 123.8 185.6

115 73.9 39.6 59.4#

Manual Integrations
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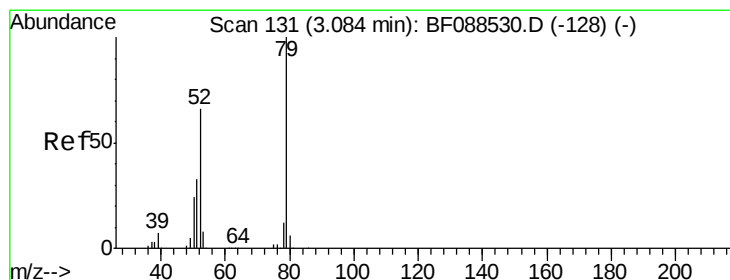
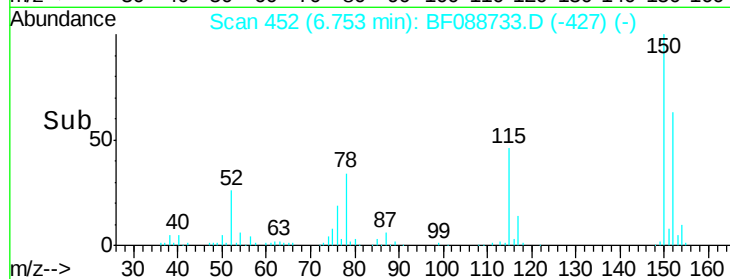
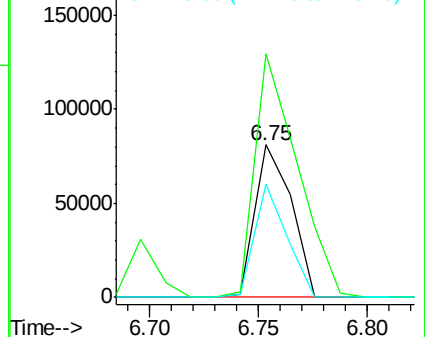
7/7/2016 1:55:42 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 29.59 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.07 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

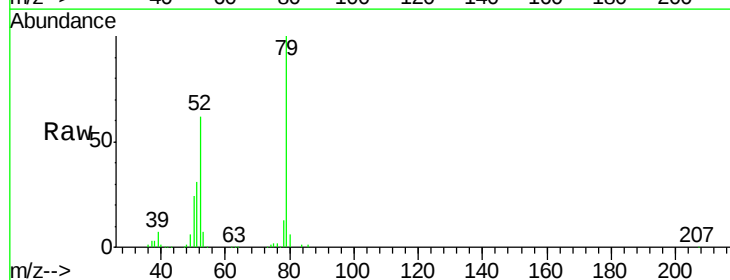
Tgt Ion: 79 Resp: 267815

Ion Ratio Lower Upper

79 100

52 62.4 56.3 84.5

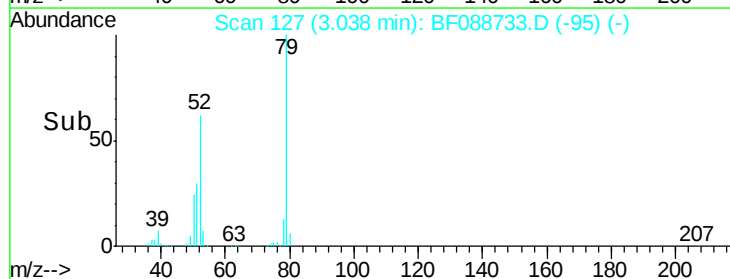
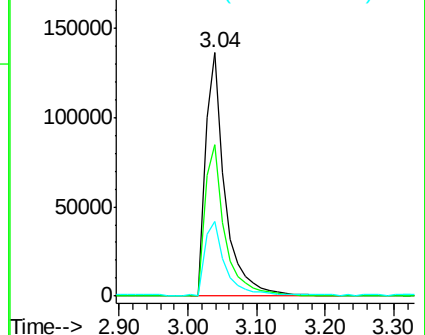
51 30.8 27.4 41.2

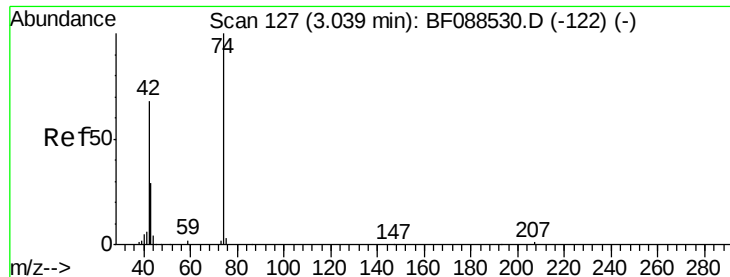


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

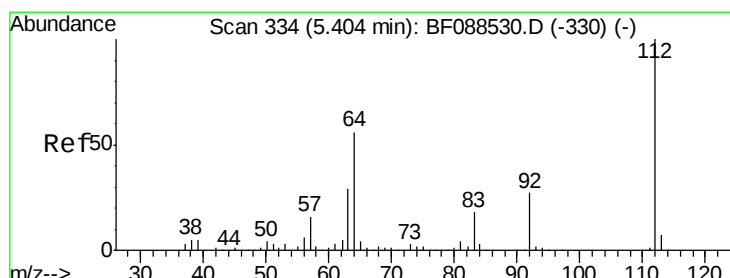
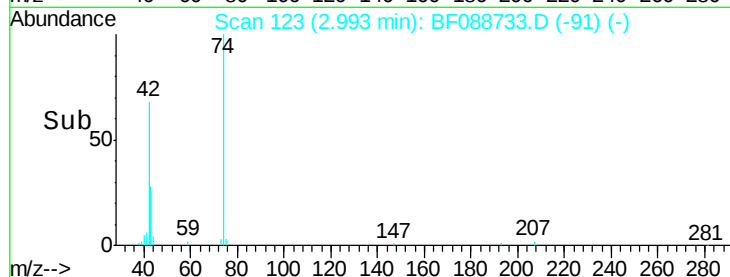
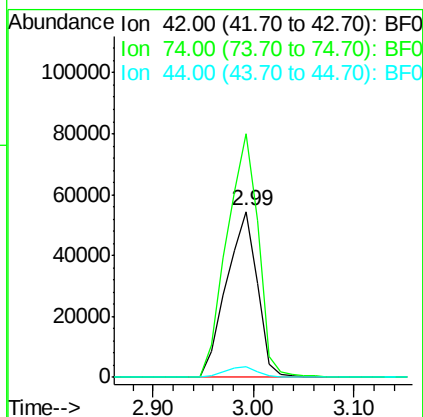
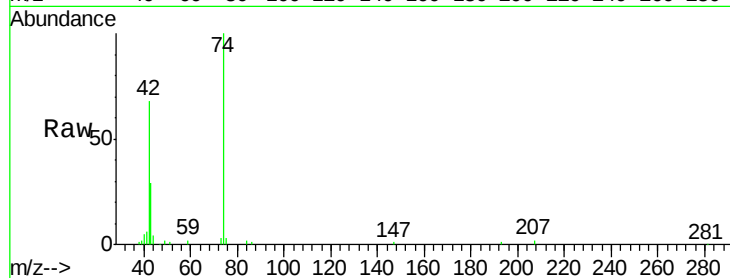
n-Nitrosodimethylamine
 Concen: 33.42 ng
 RT: 2.99 min Scan# 123
 Delta R.T. 0.07 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.8	108.6	163.0
44	6.4	5.5	8.3

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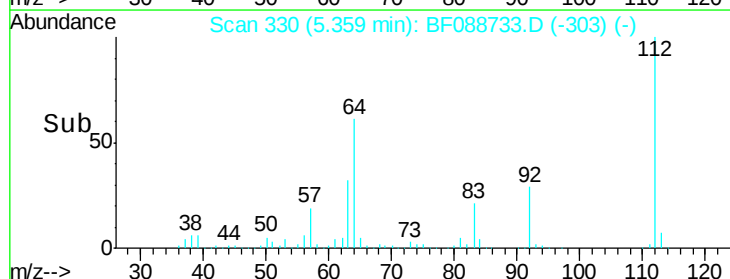
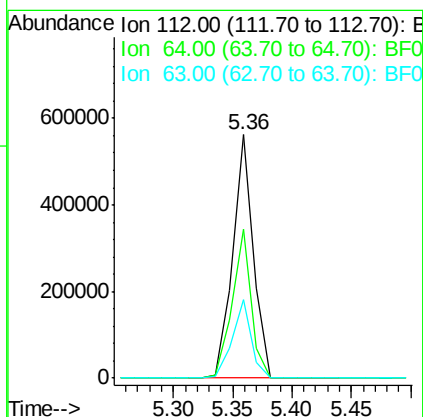
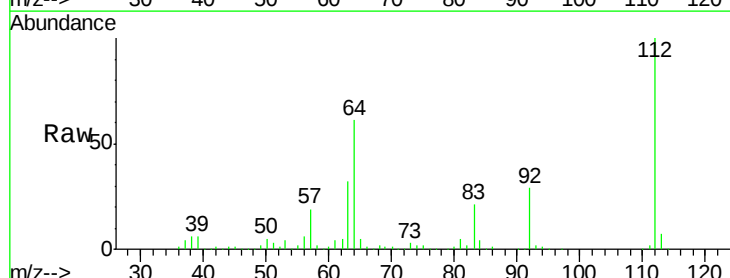
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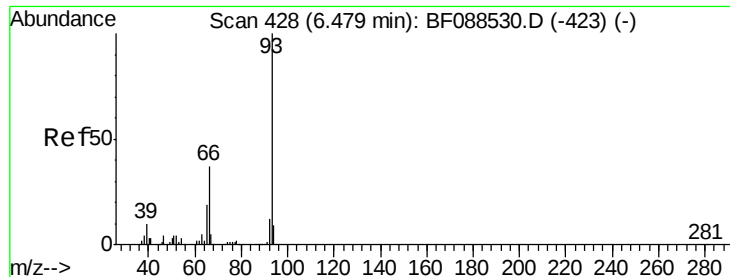


#5

2-Fluorophenol
 Concen: 107.05 ng
 RT: 5.36 min Scan# 330
 Delta R.T. 0.01 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	42.2	63.2
63	32.4	21.8	32.8





#6

Aniline

Concen: 26.60 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

ClientSampleId :

PB91761BS

Tgt Ion: 93 Resp: 315126

Ion Ratio Lower Upper

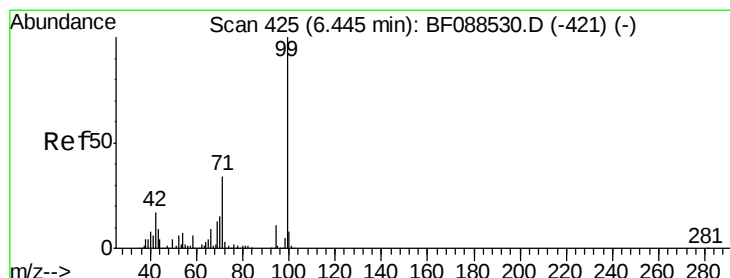
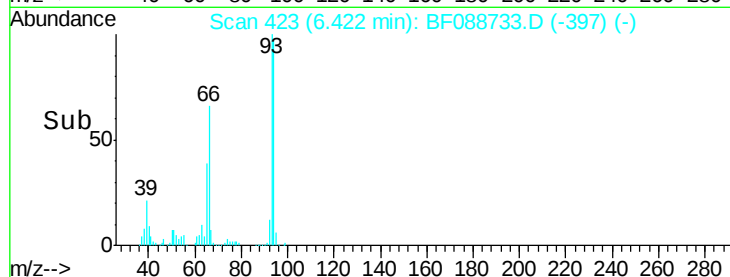
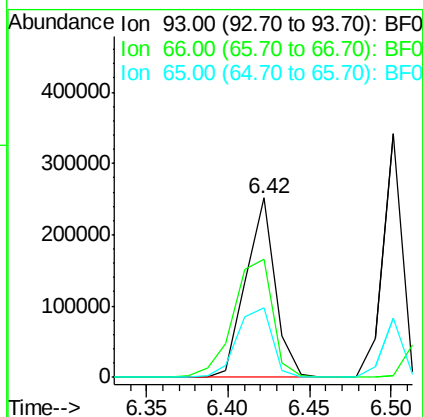
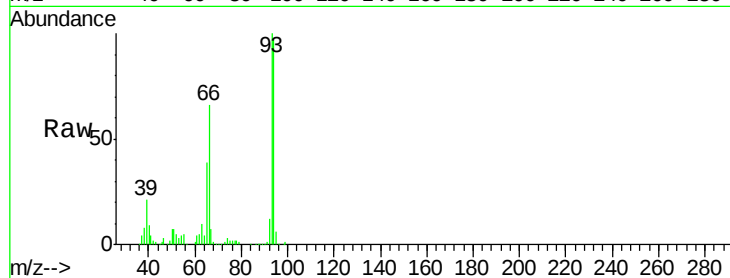
93 100

66 65.7 29.8 44.8#

65 38.9 14.9 22.3#

Manual Integrations
APPROVED

SOHIL
7/7/2016 1:55:42 AM



#7

Phenol-d6

Concen: 120.21 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

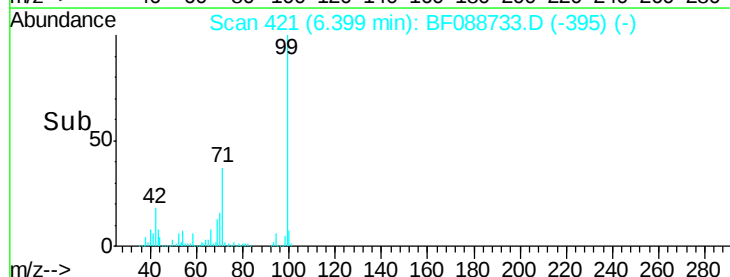
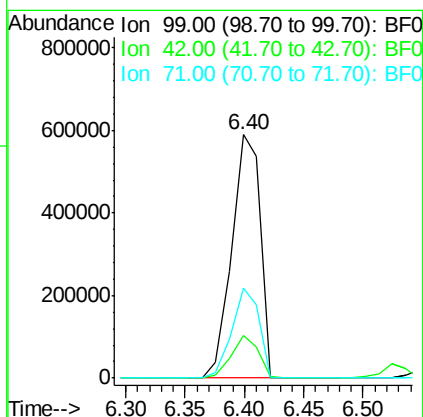
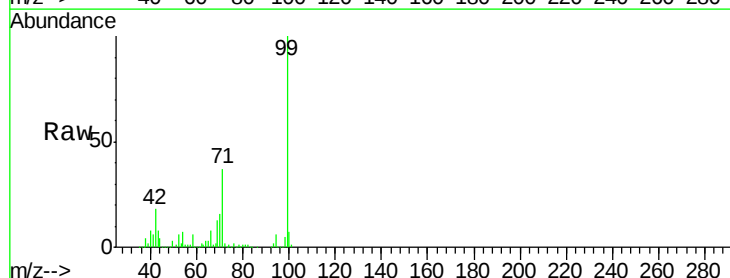
Tgt Ion: 99 Resp: 977289

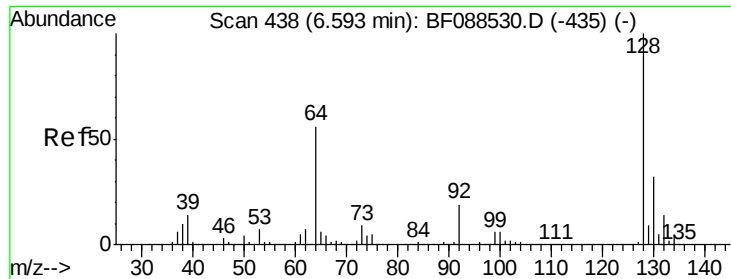
Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

71 36.9 23.4 35.0#





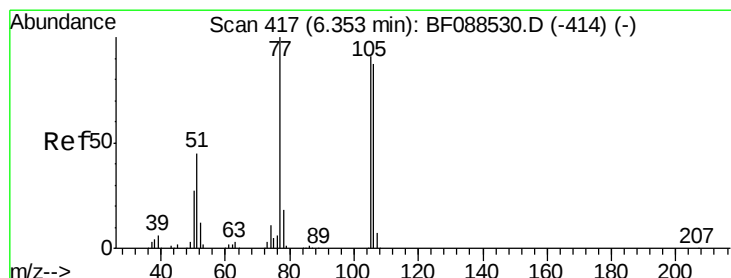
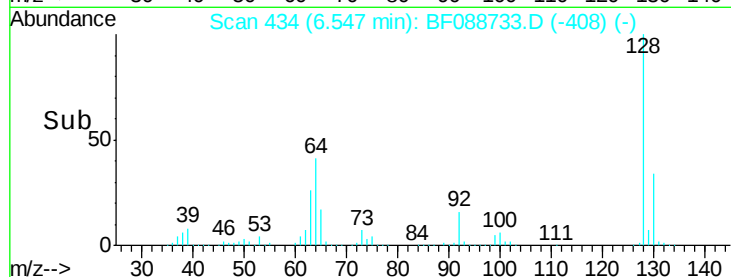
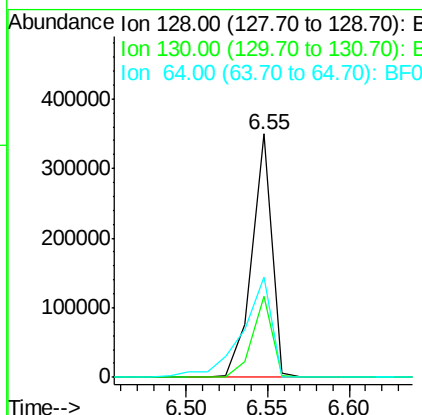
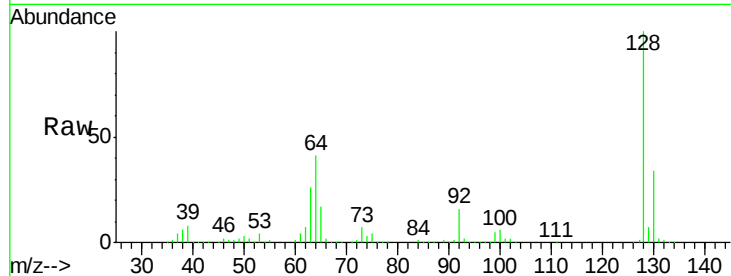
#8
2-Chlorophenol
Concen: 44.08 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
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PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	298122		
130	33.5	12.0	52.0	
64	41.0	30.8	70.8	

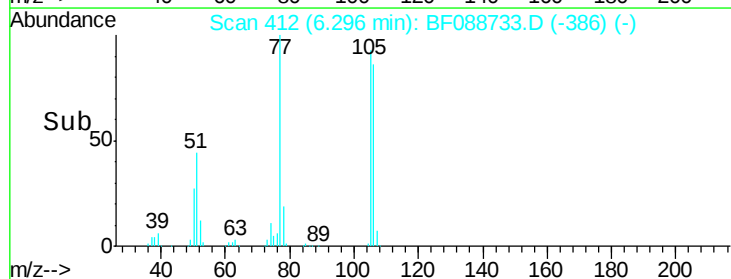
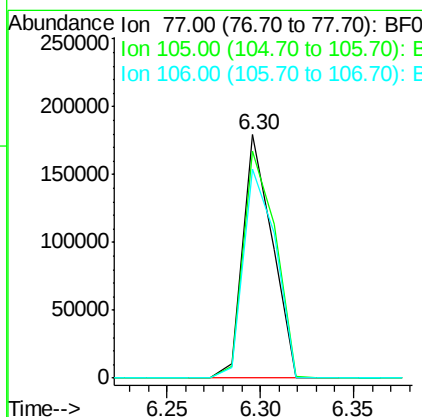
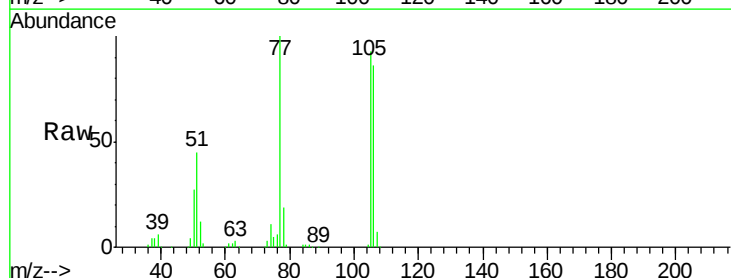
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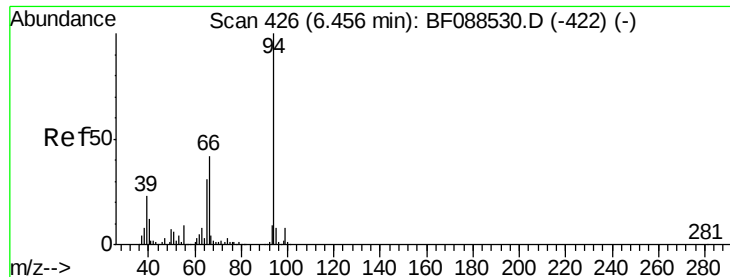
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#9
Benzaldehyde
Concen: 35.62 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	196159		
105	93.2	90.6	130.6	
106	86.1	85.3	125.3	





#10

Phenol

Concen: 33.99 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

ClientSampleId :

PB91761BS

Tgt Ion: 94 Resp: 315355

Ion Ratio Lower Upper

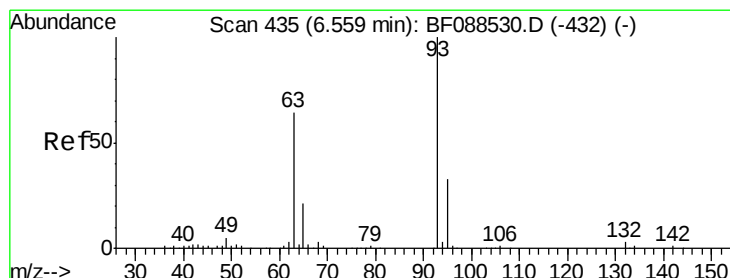
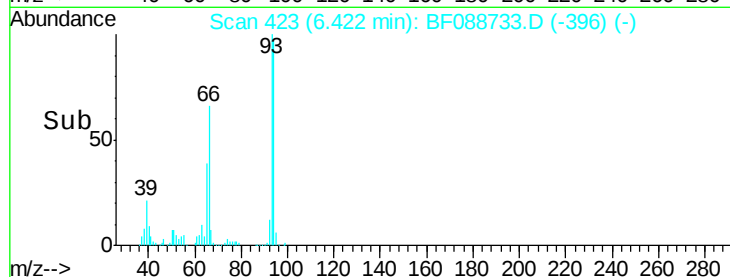
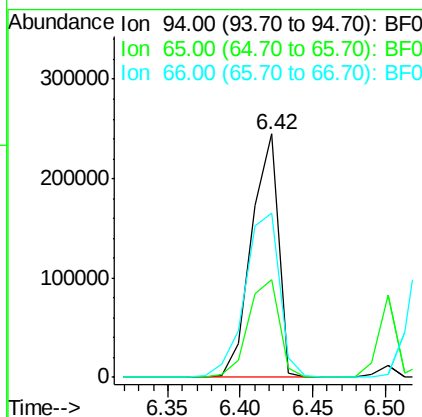
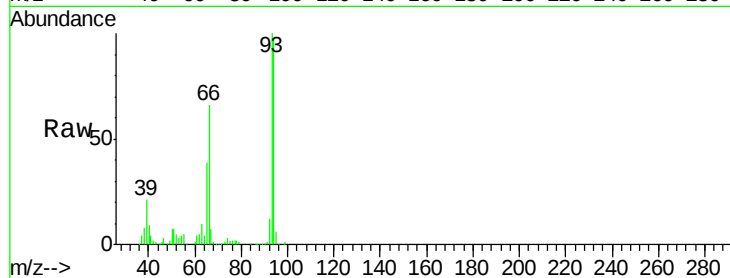
94 100

65 39.9 5.9 45.9

66 67.4 14.0 54.0#

Manual Integrations
APPROVED

SOHIL
7/7/2016 1:55:42 AM



#11

bis(2-Chloroethyl)ether

Concen: 39.84 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

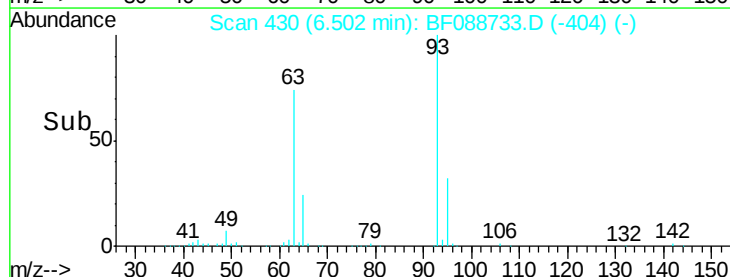
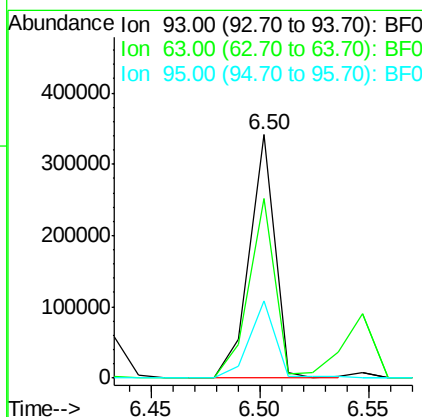
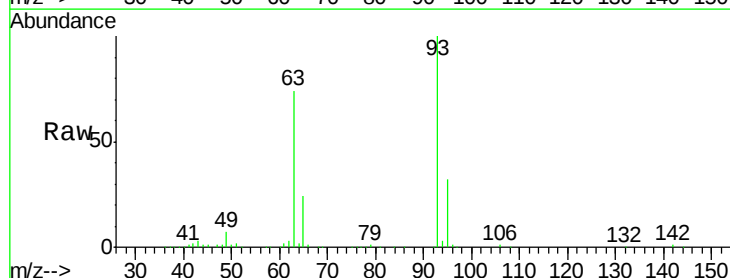
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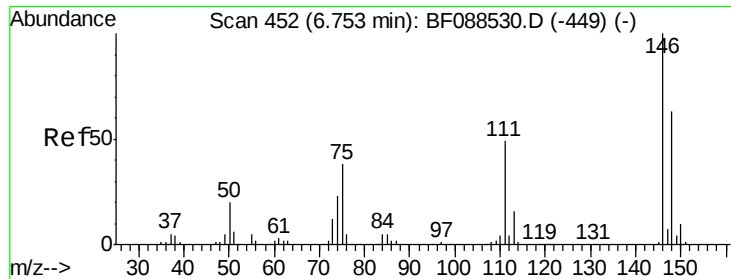
Ion Ratio Lower Upper

93 100

63 73.8 67.6 107.6

95 31.9 12.5 52.5





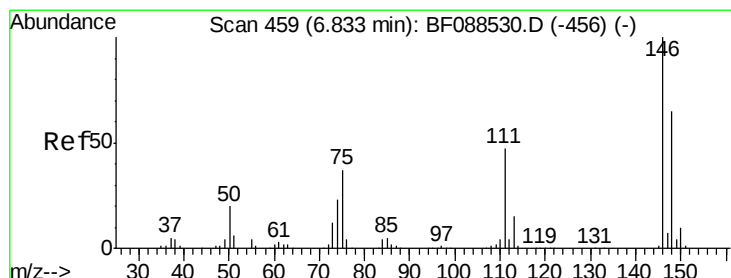
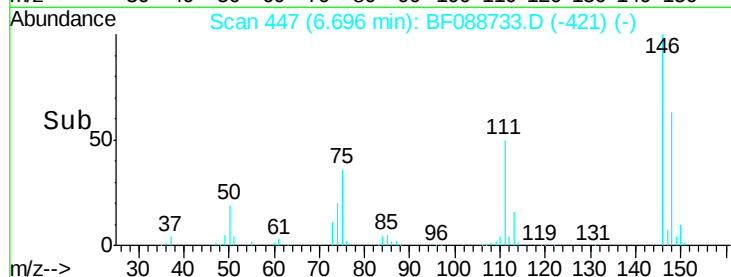
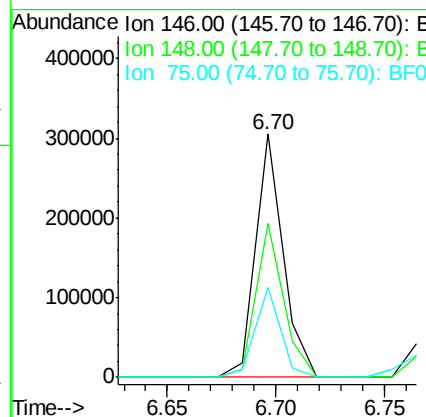
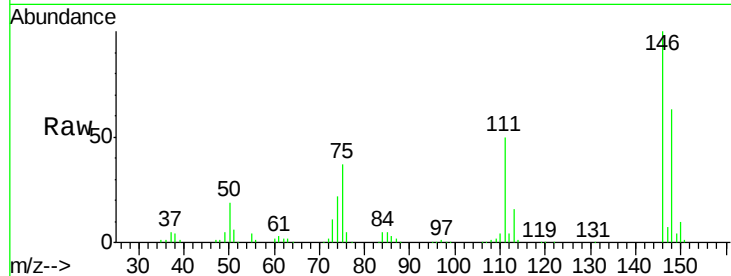
#12
 1,3-Dichlorobenzene
 Concen: 36.01 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	36.8	25.6	38.4

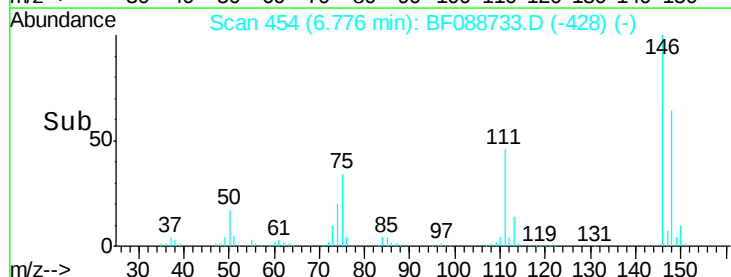
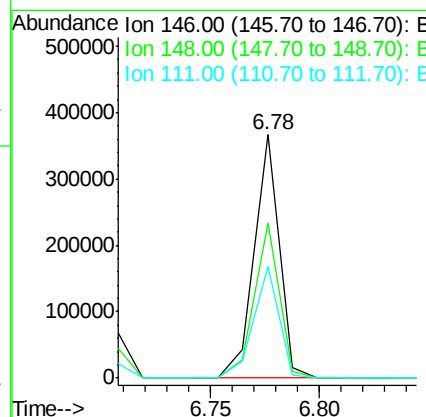
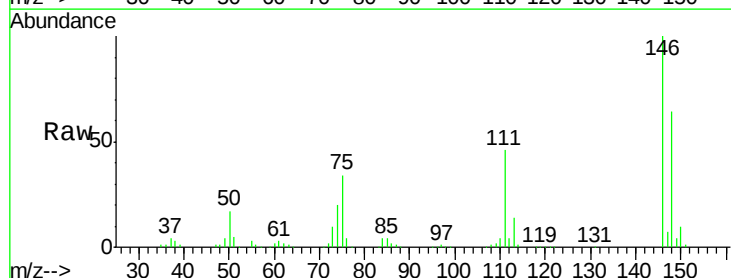
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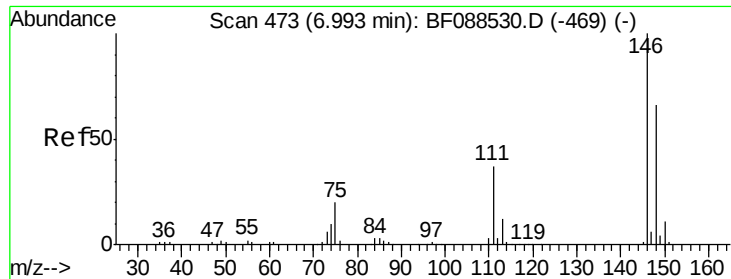
SOHIL
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#13
 1,4-Dichlorobenzene
 Concen: 39.53 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	45.7	33.8	50.8





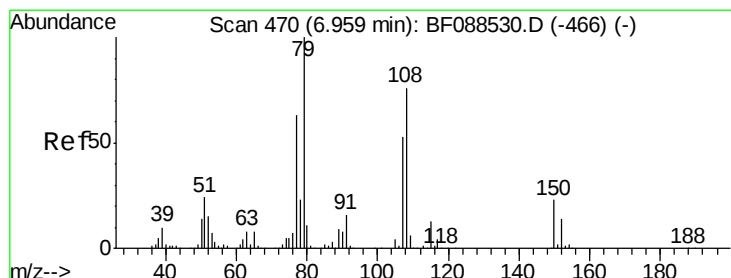
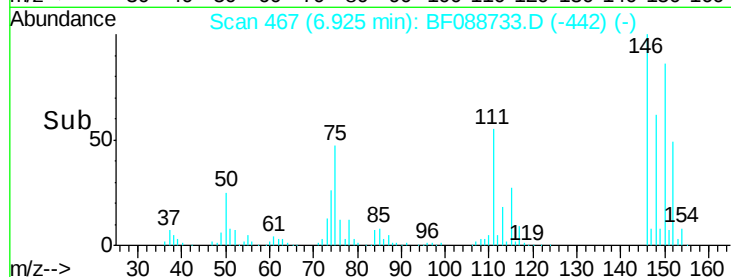
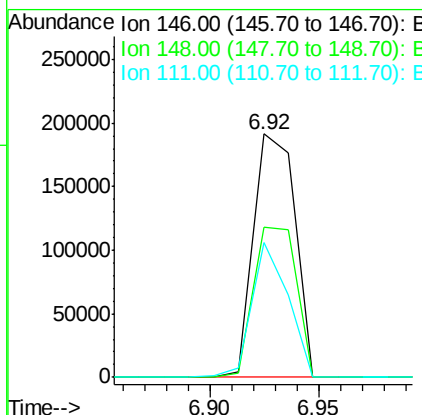
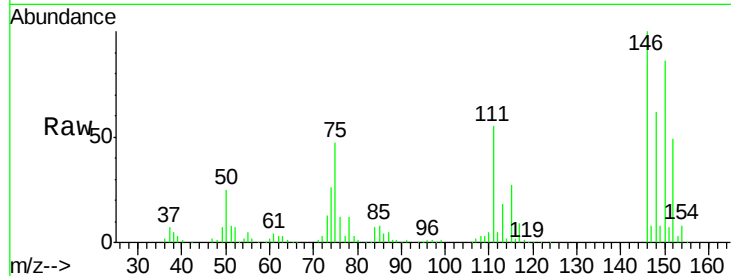
#14
1,2-Dichlorobenzene
Concen: 36.94 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampled :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.3	78.5
111	55.3	28.7	43.1

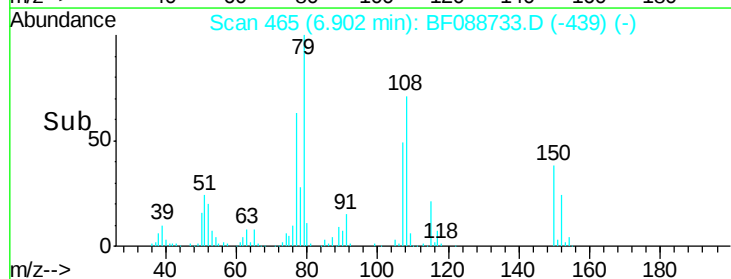
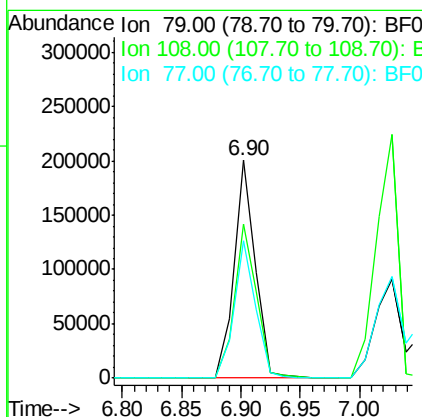
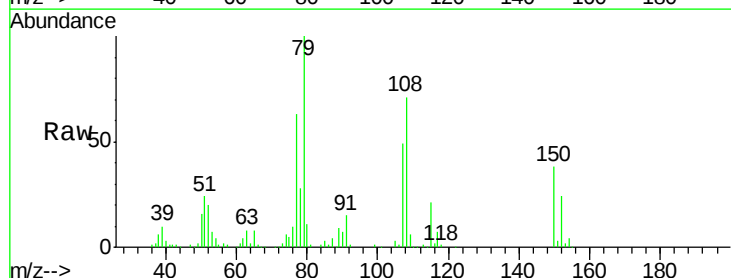
Manual Integrations
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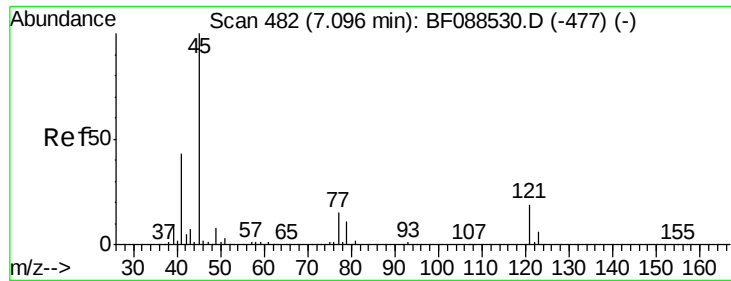
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#15
Benzyl Alcohol
Concen: 41.70 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.7	65.0	97.6
77	63.0	50.3	75.5





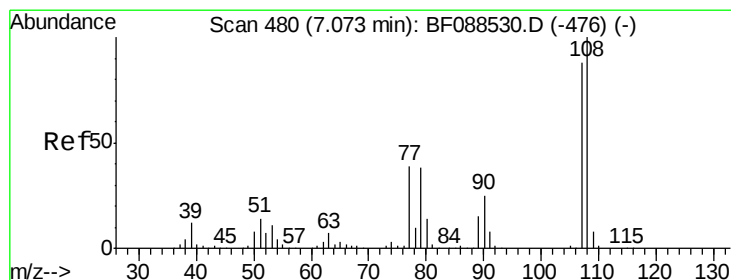
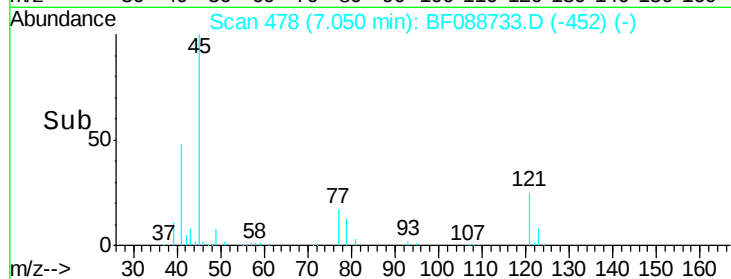
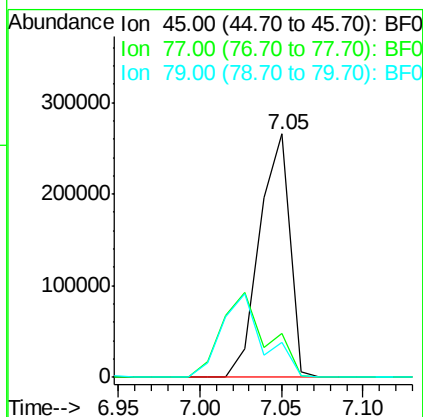
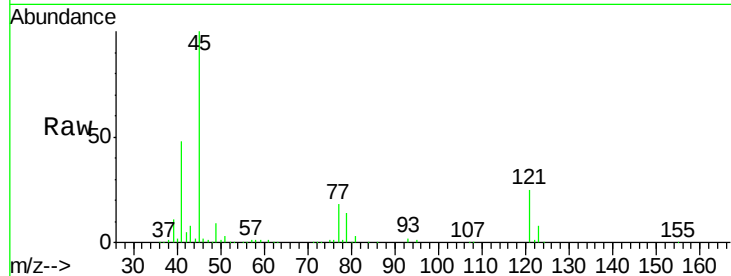
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.24 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	32.5
79	14.3	0.0	29.5

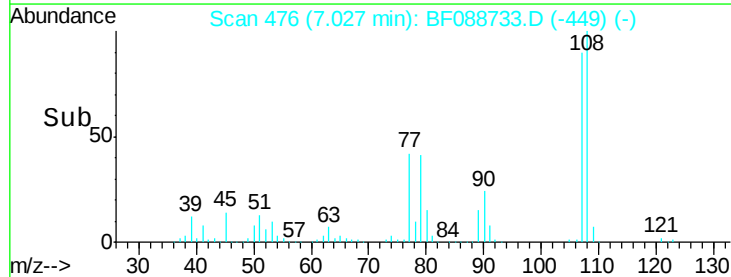
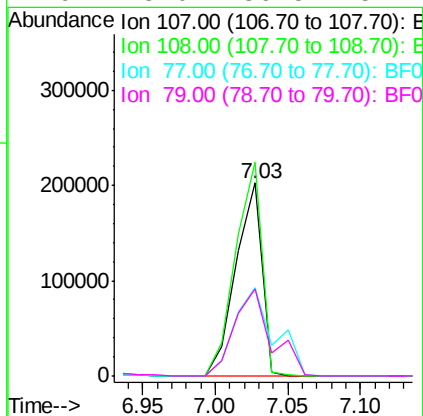
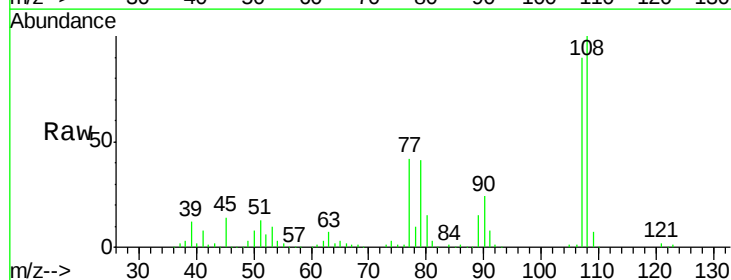
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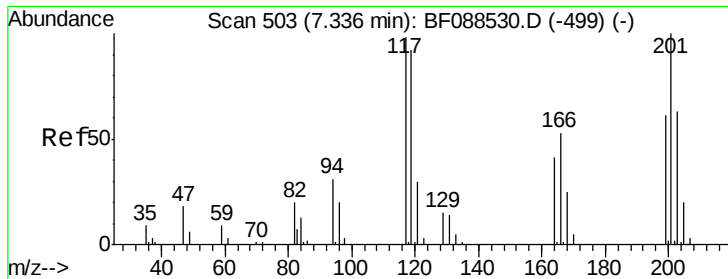
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#17
2-Methylphenol
Concen: 46.08 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.01 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.9	136.3
77	46.0	36.6	55.0
79	45.0	36.5	54.7





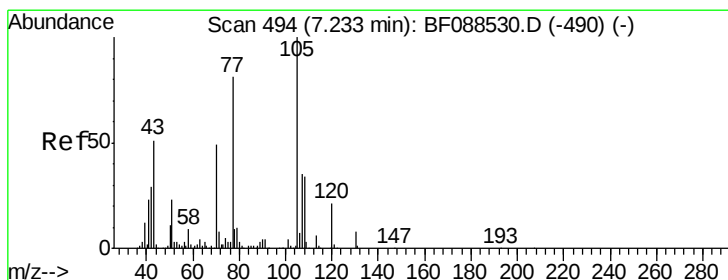
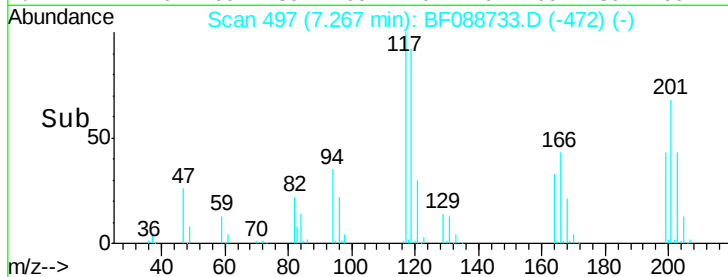
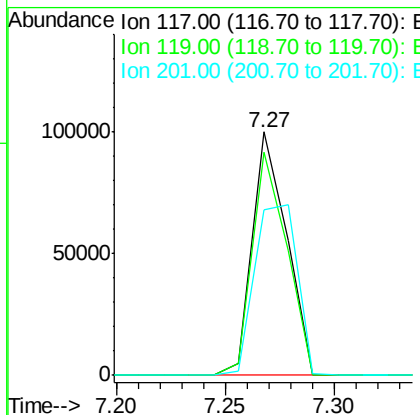
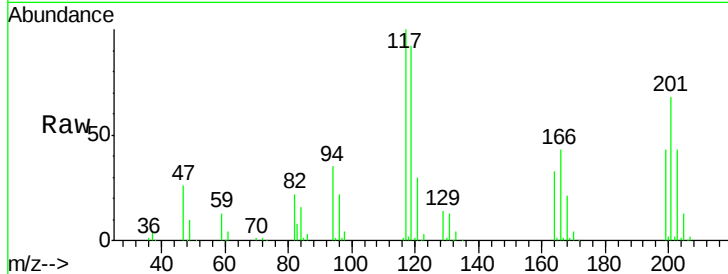
#18
Hexachloroethane
Concen: 38.49 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109971		
119	91.7	77.4	116.2	
201	67.9	80.4	120.6#	

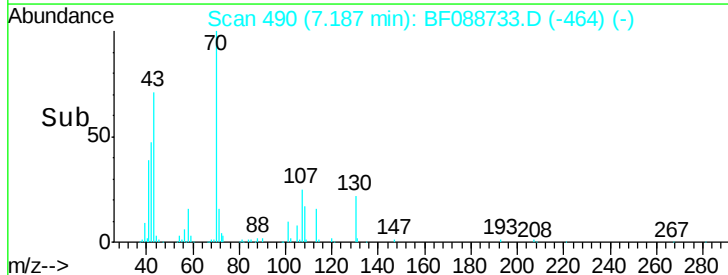
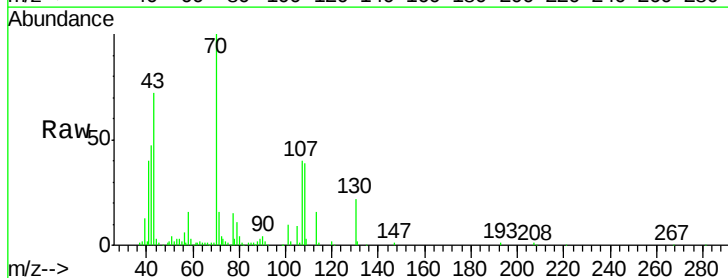
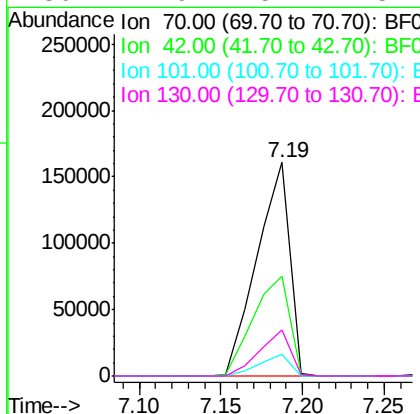
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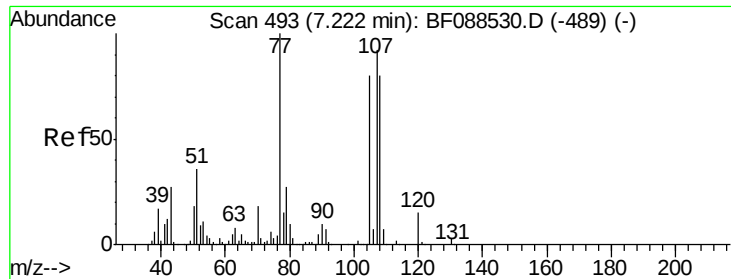
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#19
n-Nitroso-di-n-propylamine
Concen: 40.98 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	223785		
42	46.6	49.6	74.4#	
101	10.0	7.1	10.7	
130	21.9	15.4	23.2	





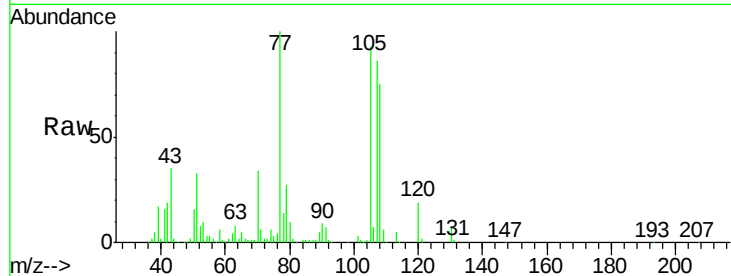
#20
3+4-Methylphenols
Concen: 40.54 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	268415		
108	87.5	67.8	107.8	
77	116.2	59.3	99.3#	
79	31.3	7.0	47.0	

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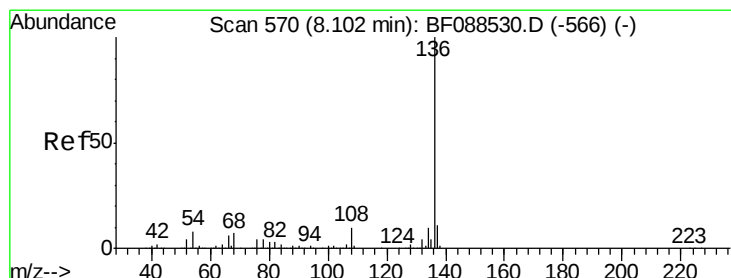
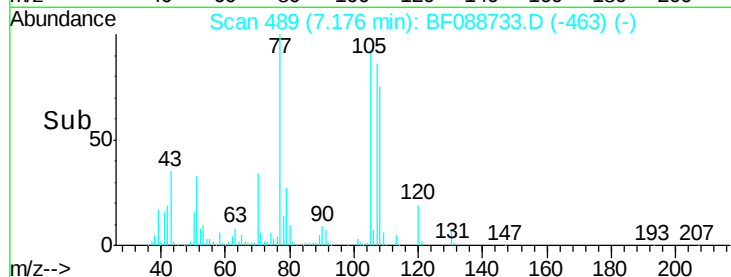
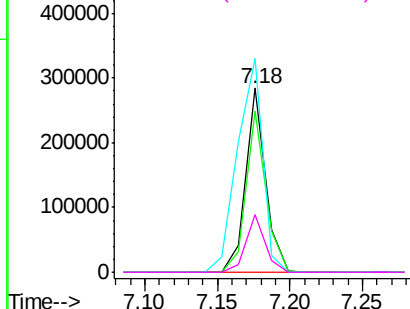
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	405814		
137	10.9	9.1	13.7	
54	6.9	6.6	10.0	
68	5.8	5.1	7.7	

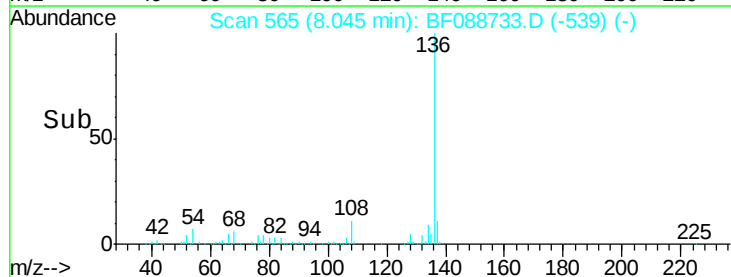
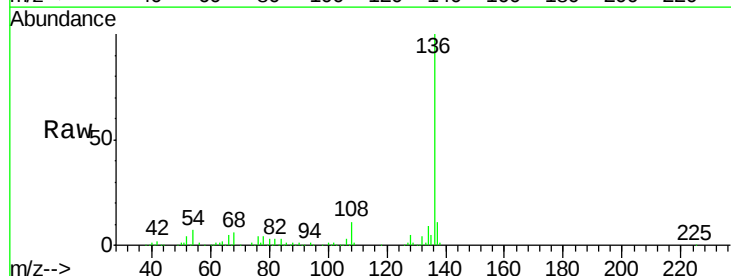
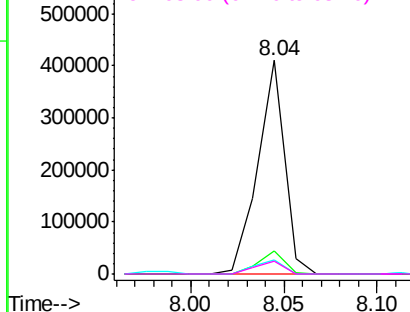
Abundance

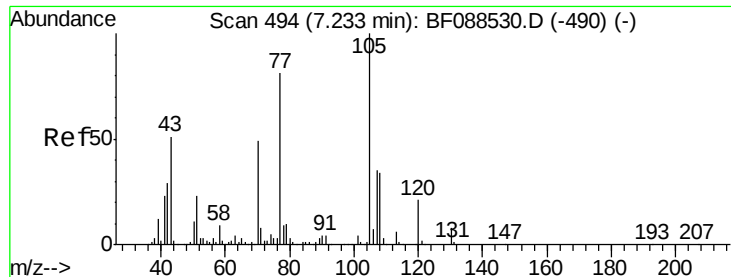
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 40.53 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

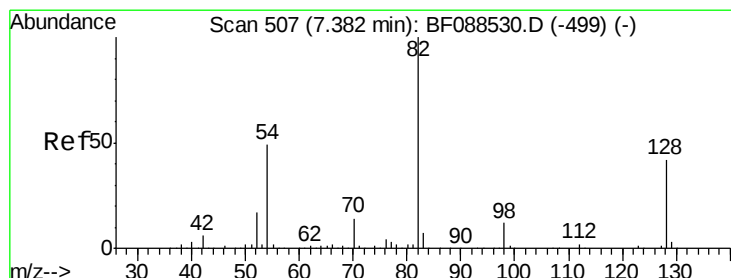
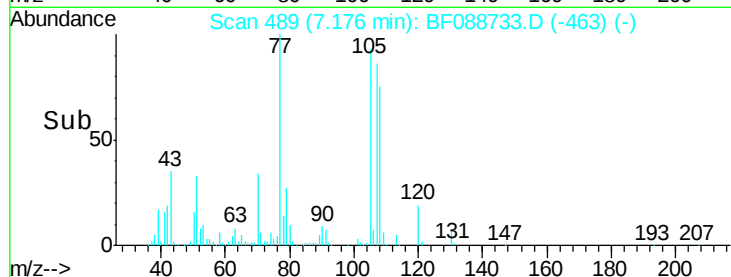
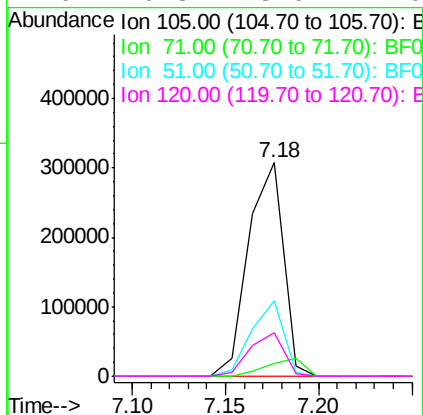
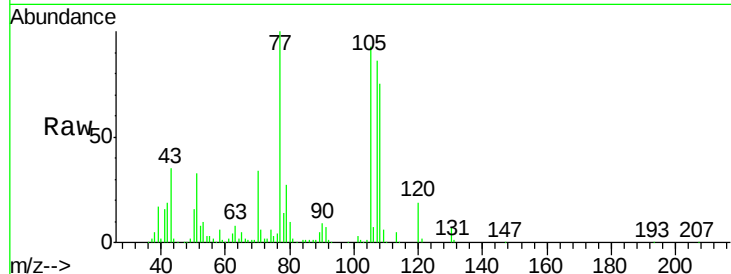
ClientSampleId :

PB91761BS

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.3	7.9
51	35.1	18.2	27.4
120	20.3	18.0	27.0

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#23

Nitrobenzene-d5

Concen: 74.04 ng

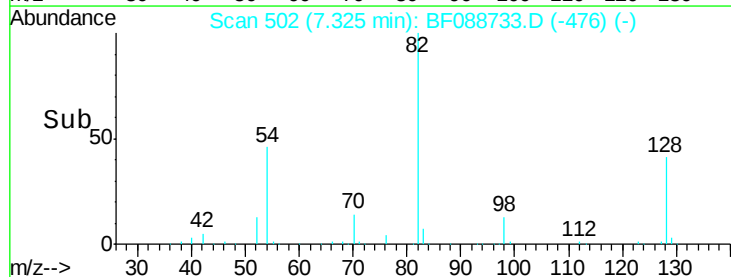
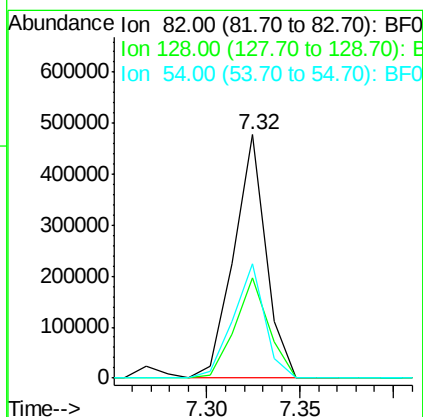
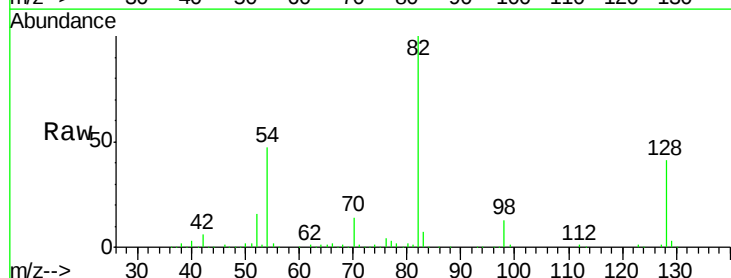
RT: 7.32 min Scan# 502

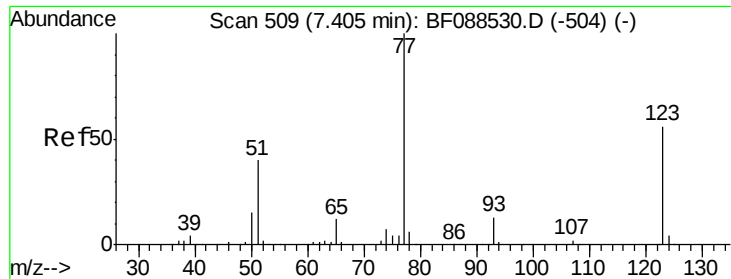
Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.9	53.9
54	47.2	40.9	61.3





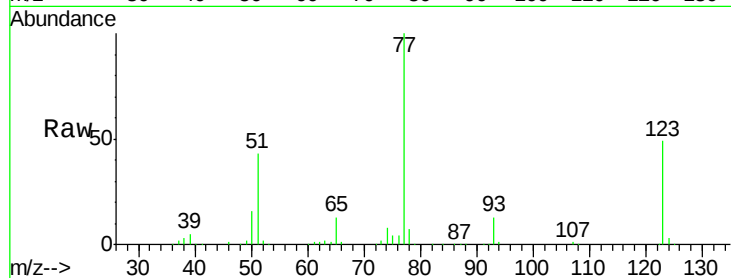
#24
 Nitrobenzene
 Concen: 44.42 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

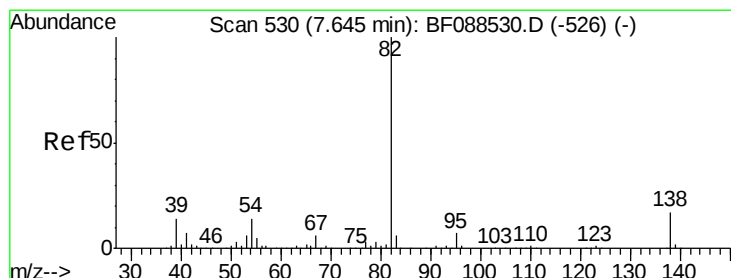
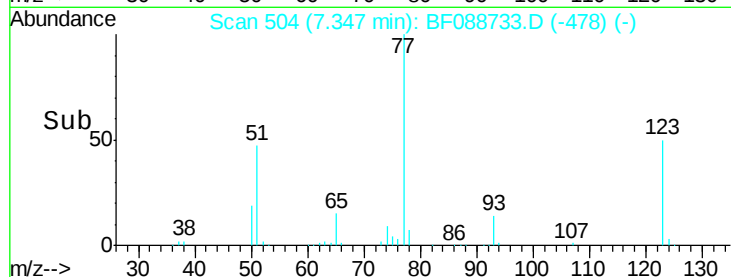
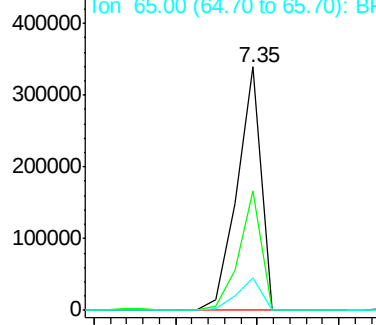
Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	45.0	67.4
65	13.2	10.2	15.2

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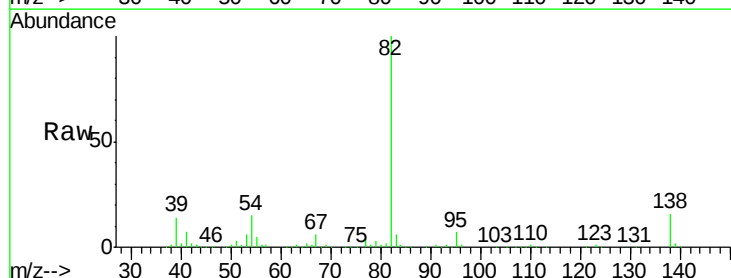


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

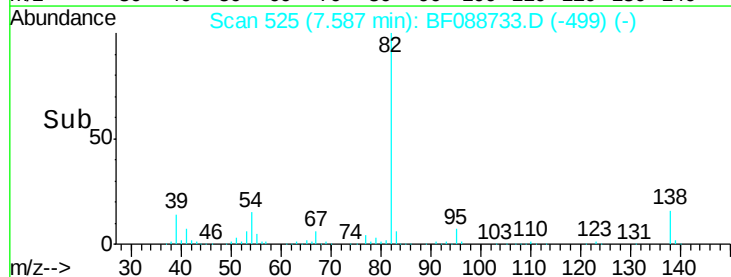
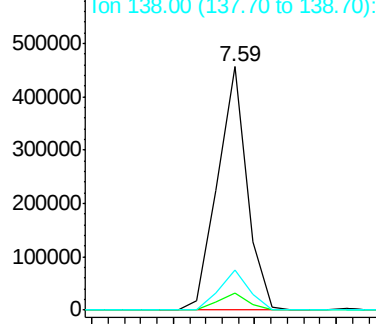


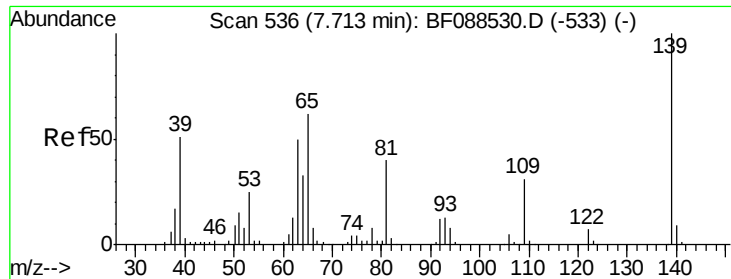
#25
 Isophorone
 Concen: 39.95 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.4	8.2
138	16.4	14.6	21.8



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





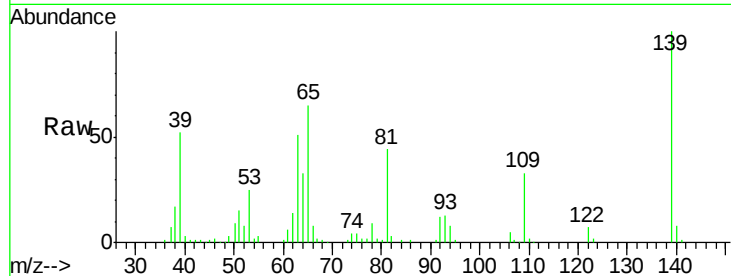
#26
2-Nitrophenol
Concen: 45.27 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampled :
PB91761BS

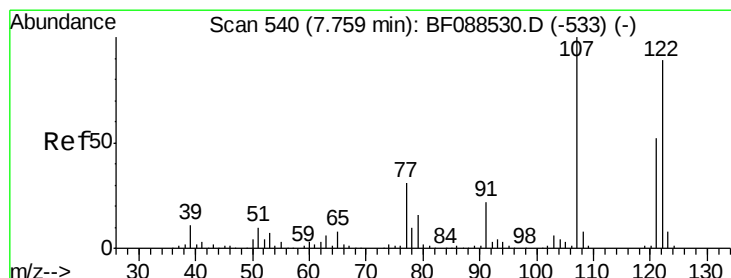
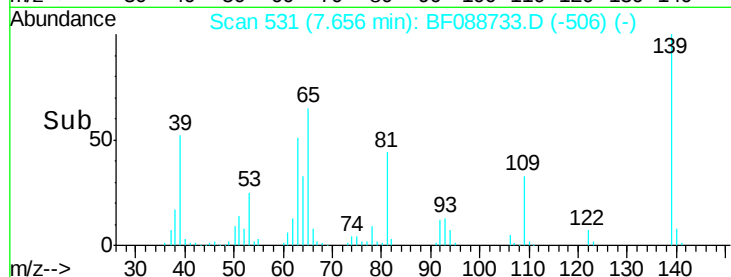
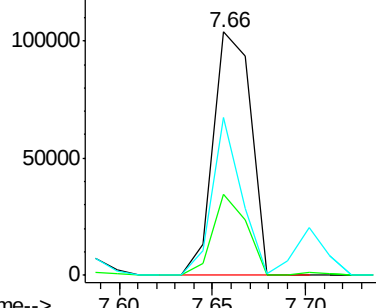
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	144939		
109	33.5	23.0	34.4	
65	65.0	45.8	68.8	

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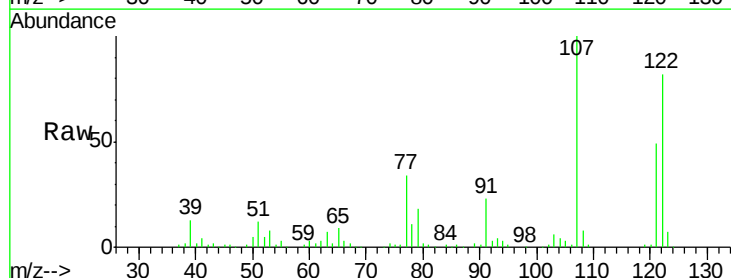


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

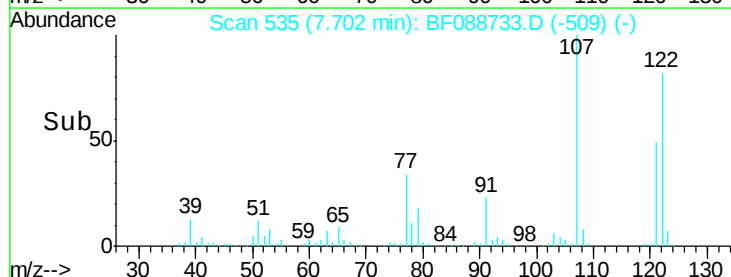
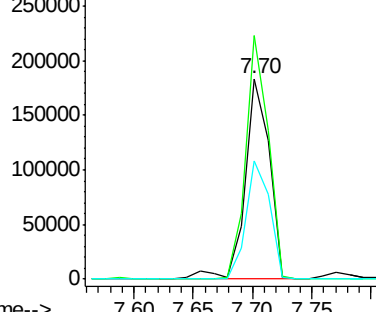


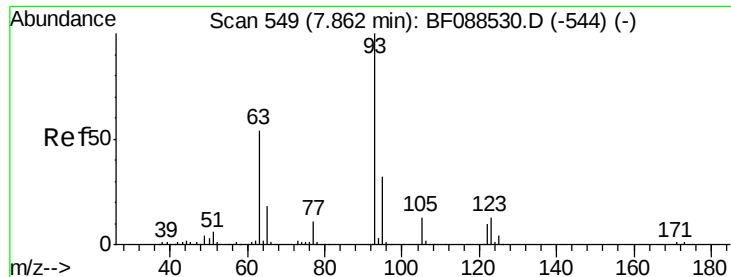
#27
2,4-Dimethylphenol
Concen: 38.84 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	259005		
107	121.4	82.4	123.6	
121	59.0	46.3	69.5	



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





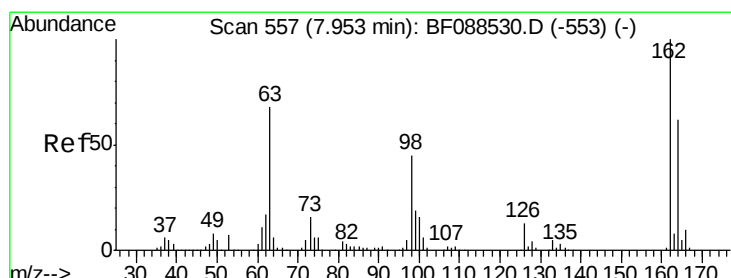
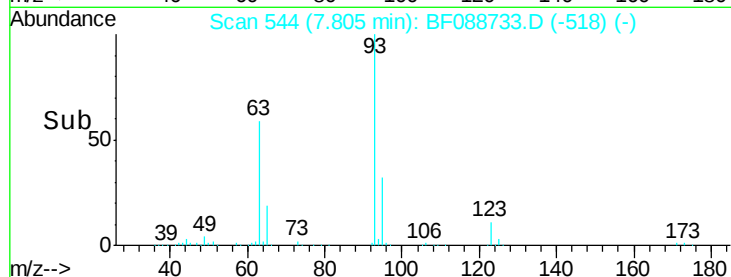
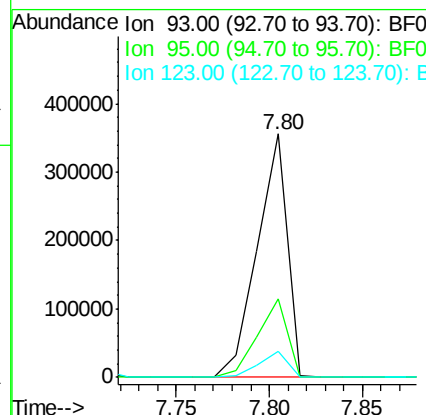
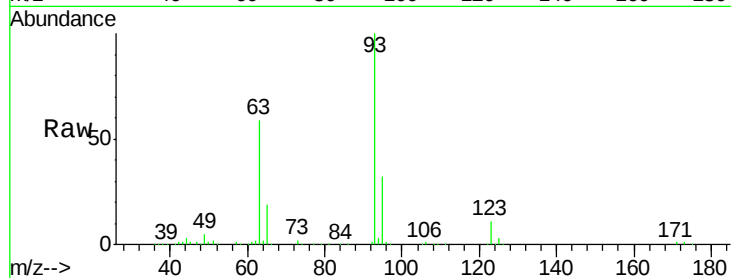
#28
bis(2-Chloroethoxy)methane
Concen: 42.15 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.2	26.5	39.7
123	10.5	11.6	17.4

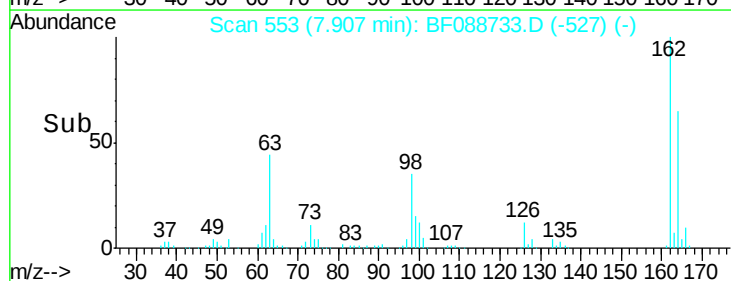
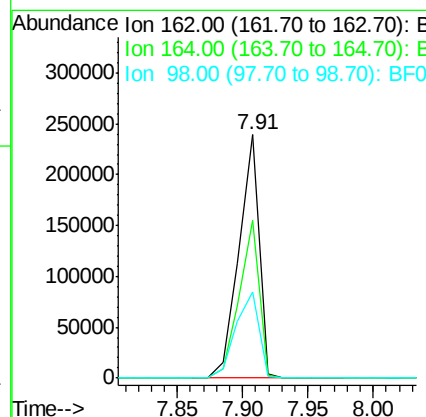
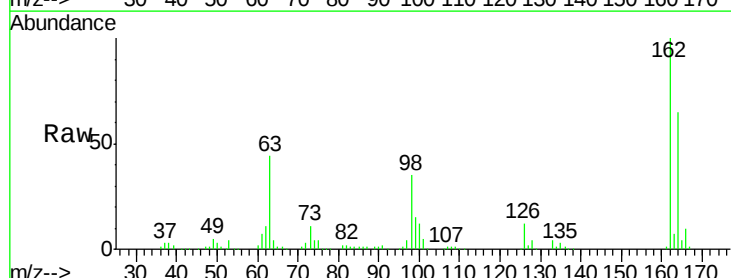
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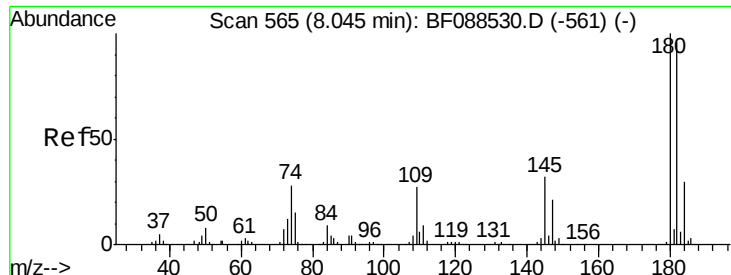
SOHIL
7/7/2016 1:55:42 AM



#29
2,4-Dichlorophenol
Concen: 47.38 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	43.8	83.8
98	35.3	21.3	61.3





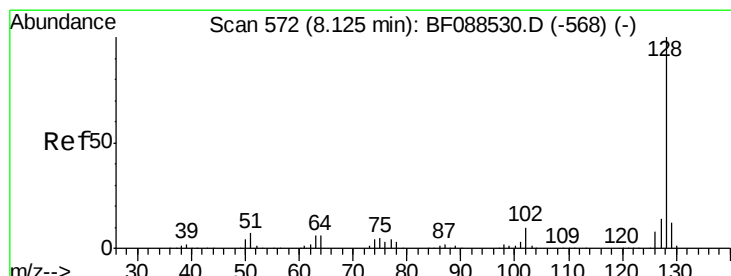
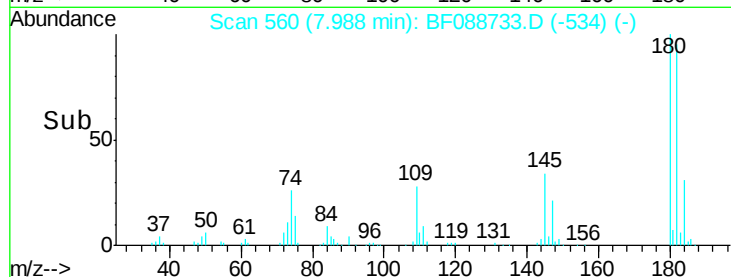
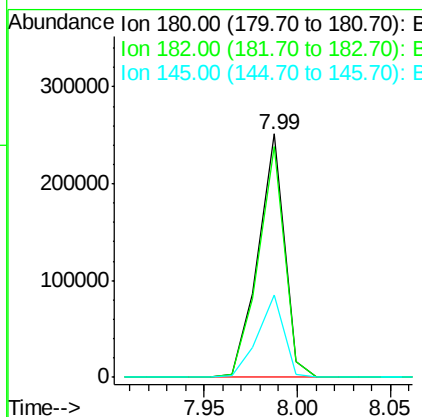
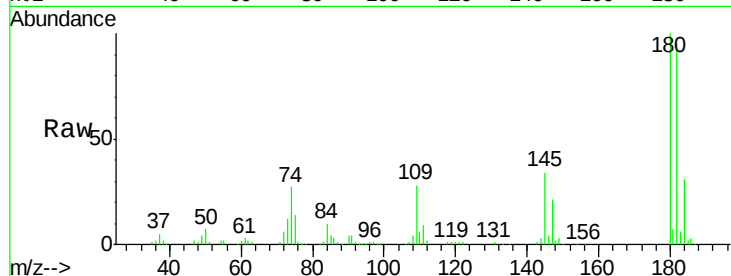
#30
 1,2,4-Trichlorobenzene
 Concen: 41.36 ng
 RT: 7.99 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244627		
182	95.0	76.0	114.0	
145	33.6	26.5	39.7	

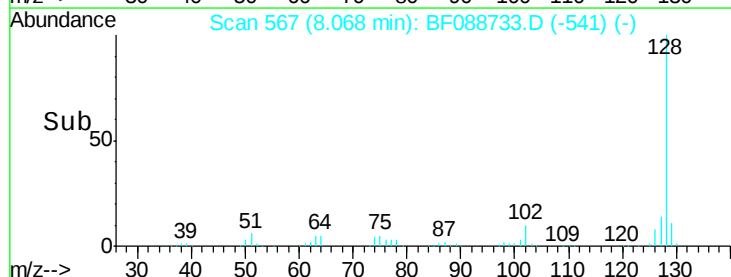
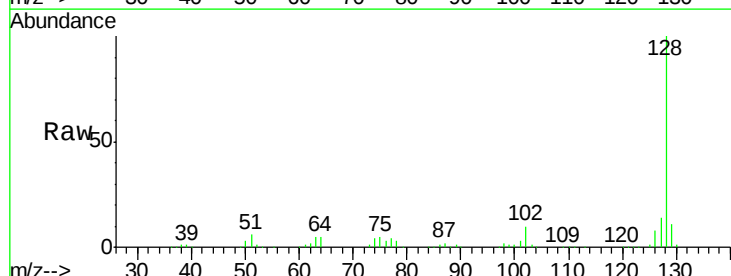
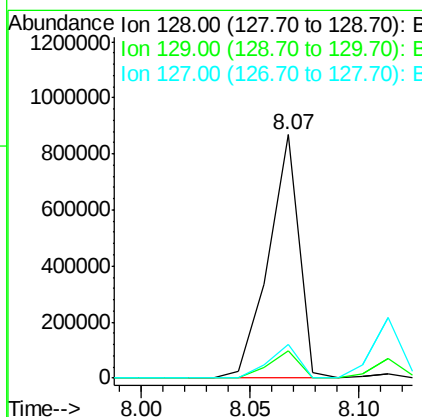
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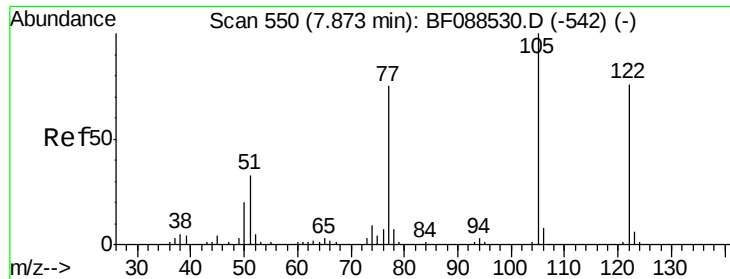
SOHIL
 7/7/2016 1:55:42 AM



#31
 Naphthalene
 Concen: 42.69 ng
 RT: 8.07 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	854131		
129	11.2	9.4	14.2	
127	13.7	10.9	16.3	





#32

Benzoic acid

Concen: 2.49 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.07 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

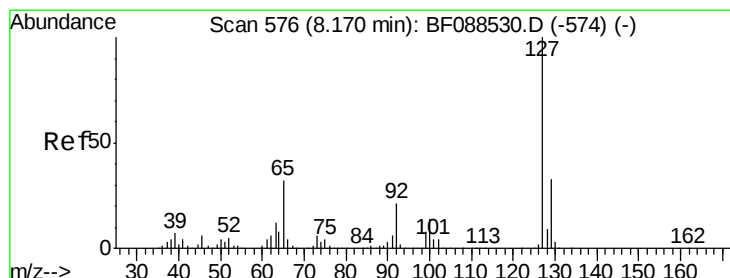
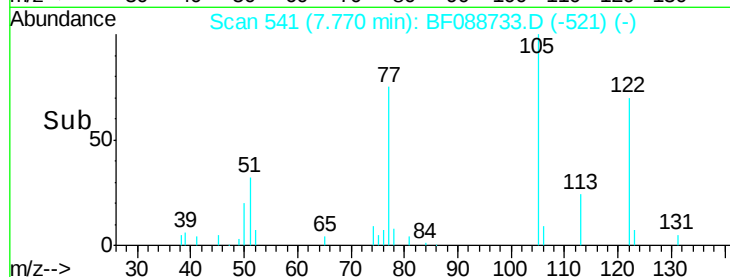
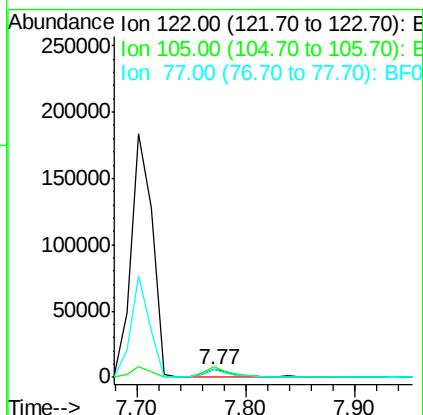
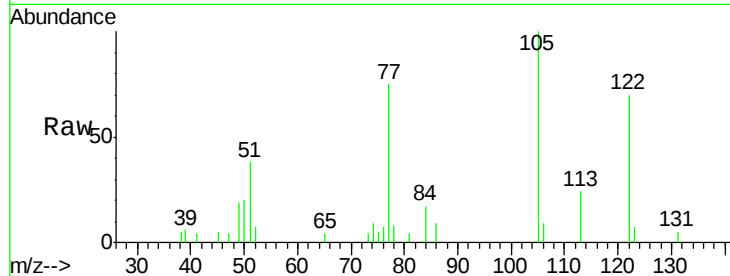
ClientSampleId :

PB91761BS

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.1	101.6	141.6#
77	106.8	70.6	110.6

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#33

4-Chloroaniline

Concen: 22.62 ng

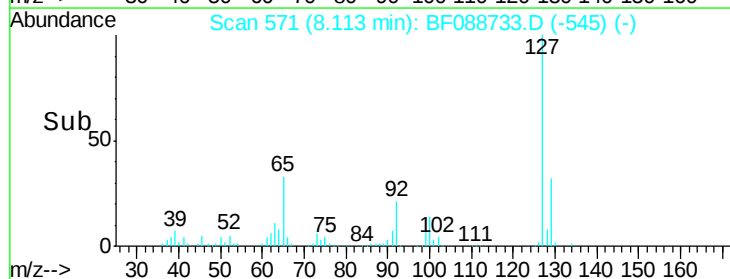
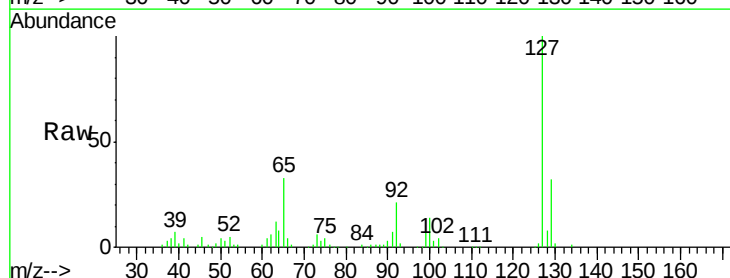
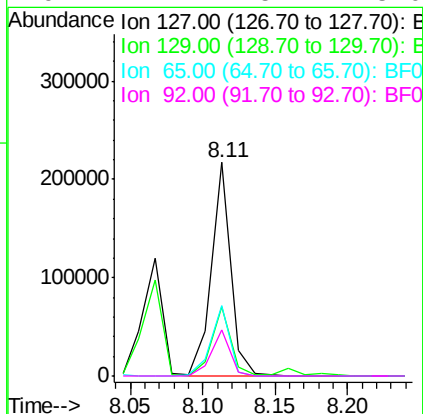
RT: 8.11 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	32.8	24.7	37.1
92	21.4	15.4	23.0





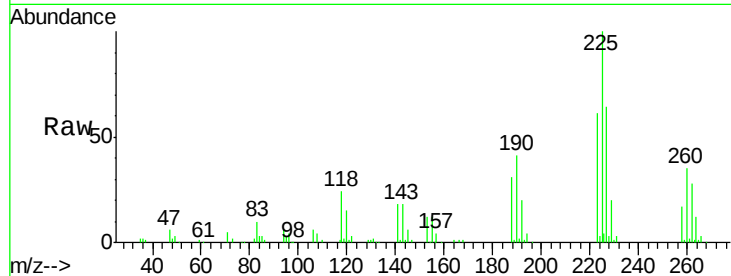
#34
Hexachlorobutadiene
Concen: 41.71 ng
RT: 8.19 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampled :
PB91761BS

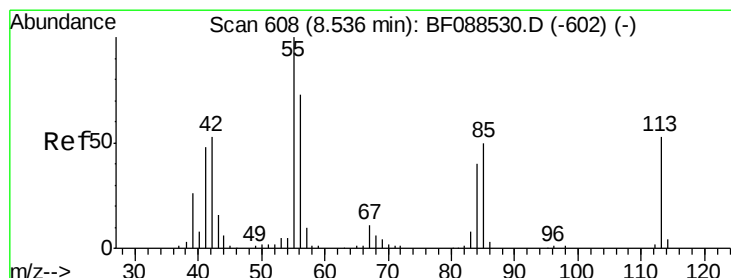
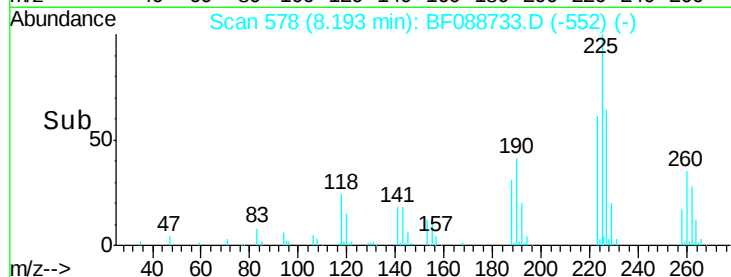
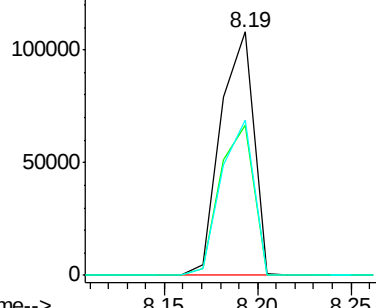
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.9	76.3
227	63.7	51.9	77.9

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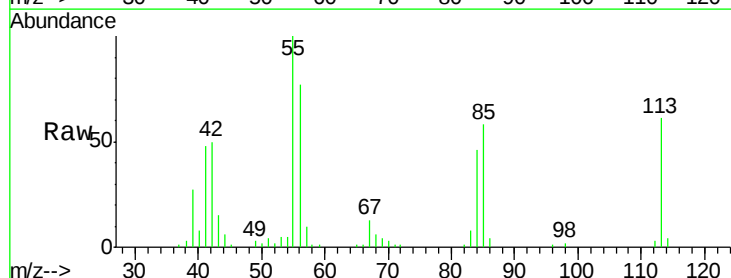


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

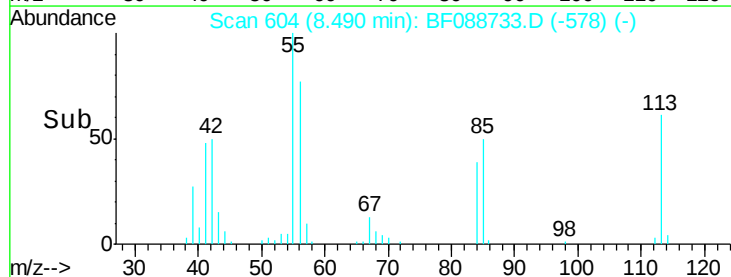
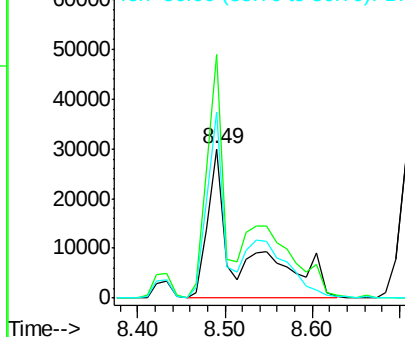


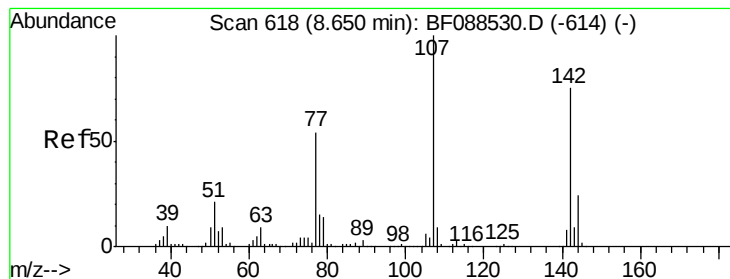
#35
Caprolactam
Concen: 42.74 ng m
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
113	100		
55	163.0	158.6	198.6
56	124.9	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





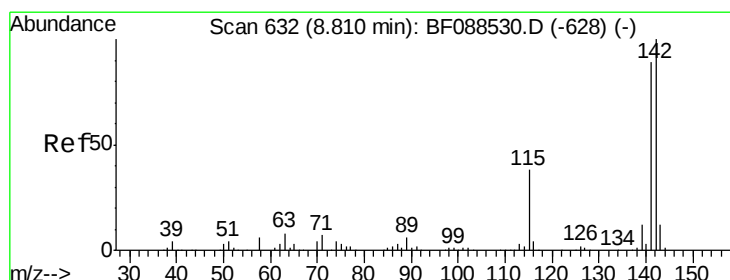
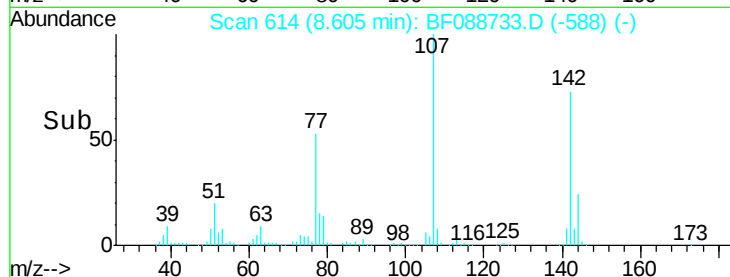
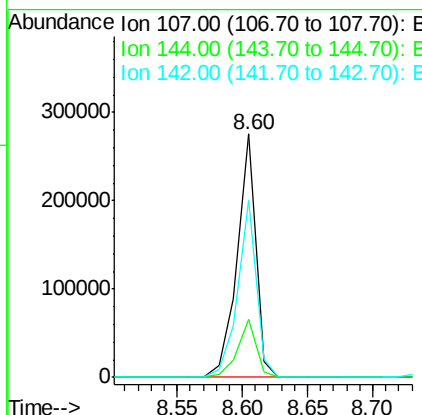
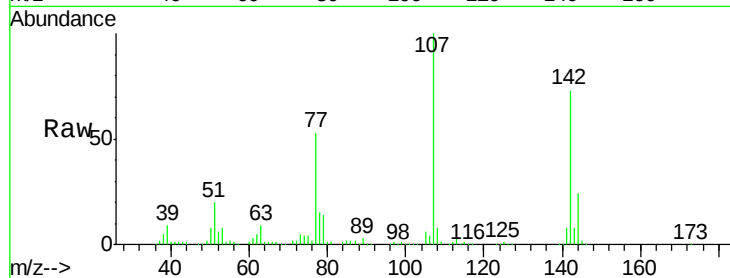
#36
4-Chloro-3-methylphenol
Concen: 42.83 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	272983		
144	23.8	20.8	31.2	
142	72.9	63.4	95.2	

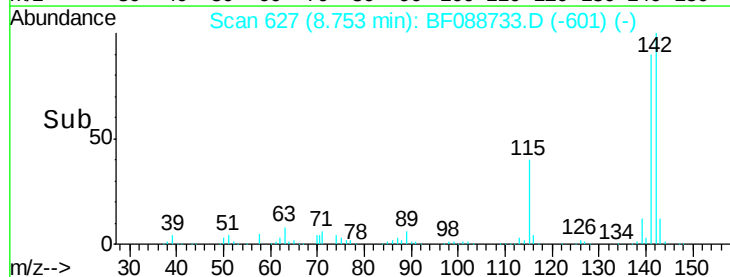
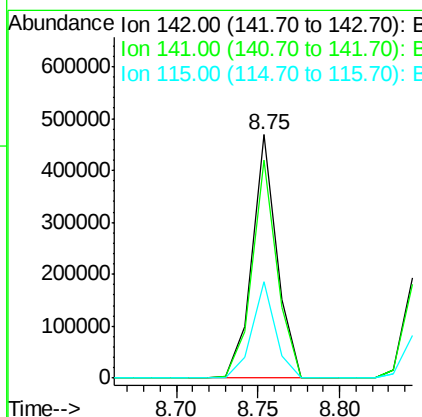
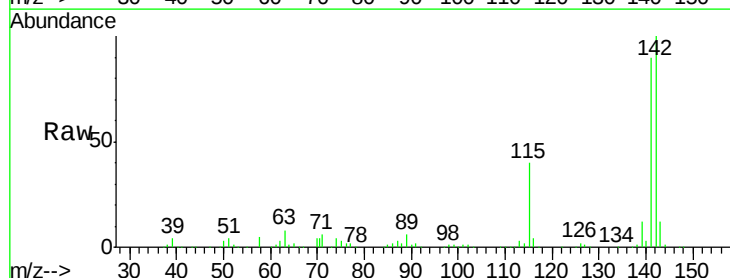
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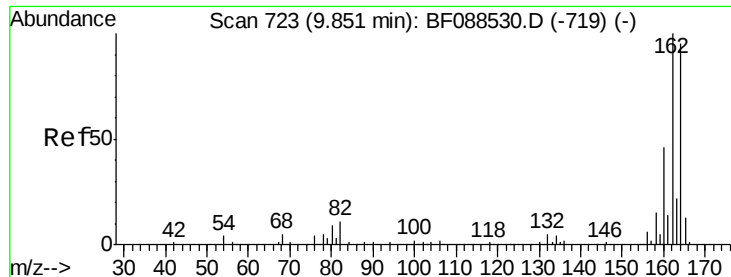
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7/7/2016 1:55:42 AM



#37
2-Methylnaphthalene
Concen: 38.53 ng
RT: 8.75 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	496338		
141	89.8	71.0	106.6	
115	39.8	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

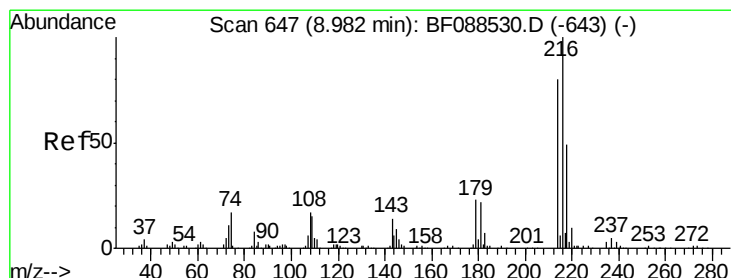
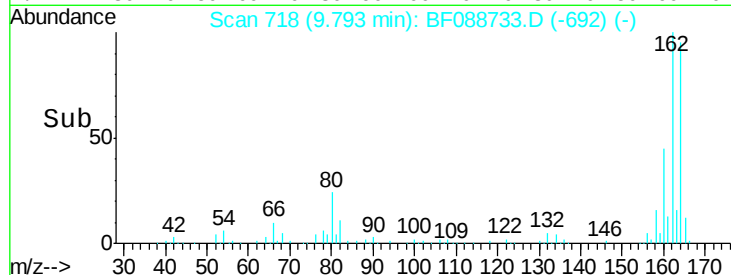
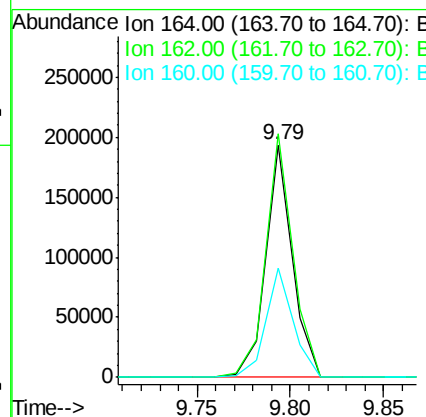
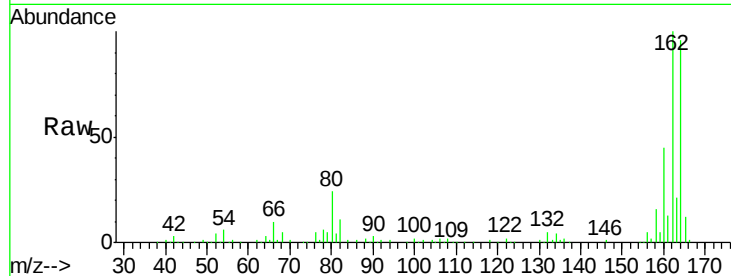
ClientSampleId :

PB91761BS

Tgt Ion:	164	Resp:	189787
Ion Ratio	Lower	Upper	
164	100		
162	104.7	85.4	128.2
160	47.0	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.87 ng

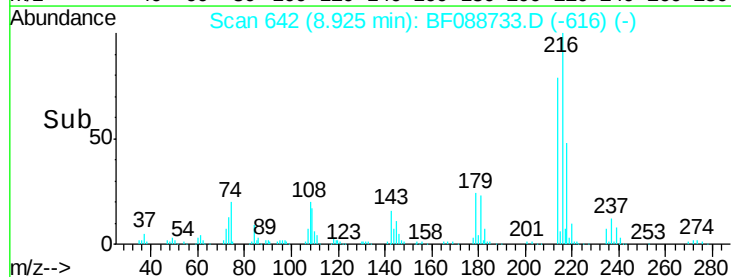
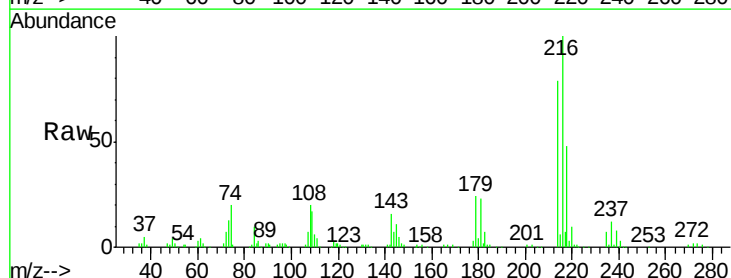
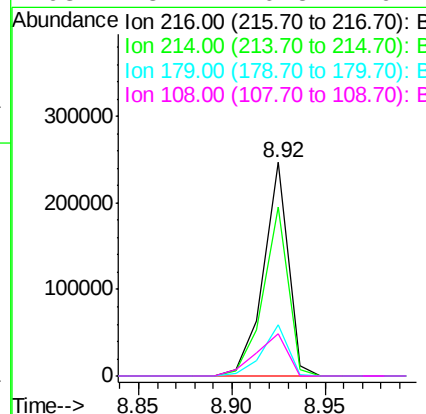
RT: 8.92 min Scan# 642

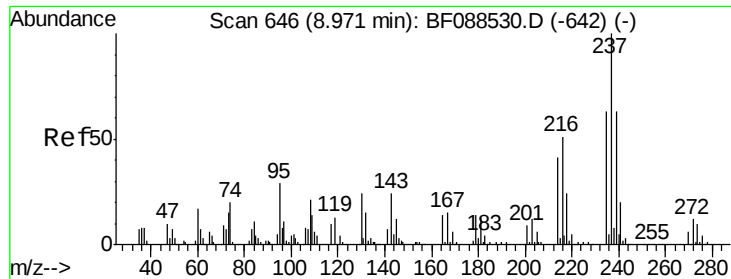
Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Tgt Ion:	216	Resp:	226448
Ion Ratio	Lower	Upper	
216	100		
214	79.8	2.9	4.3#
179	24.6	0.0	0.0#
108	25.4	0.5	0.7#





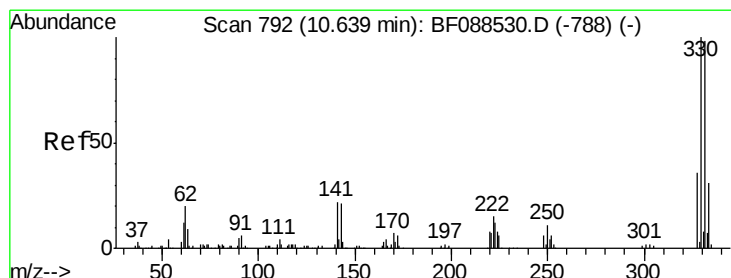
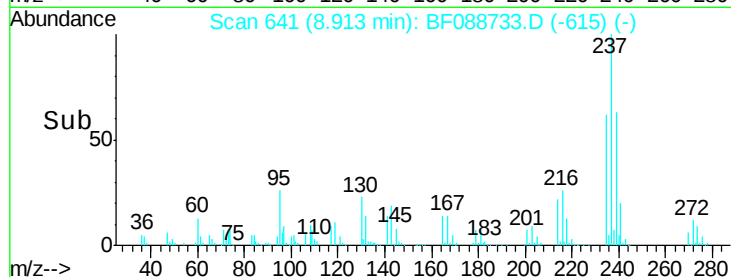
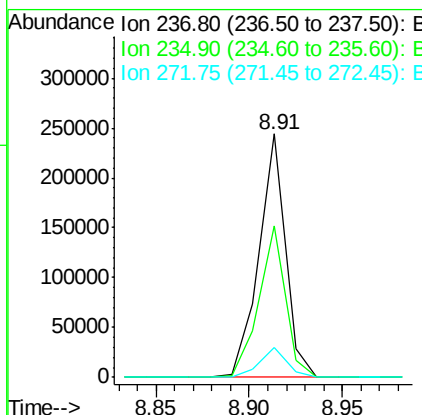
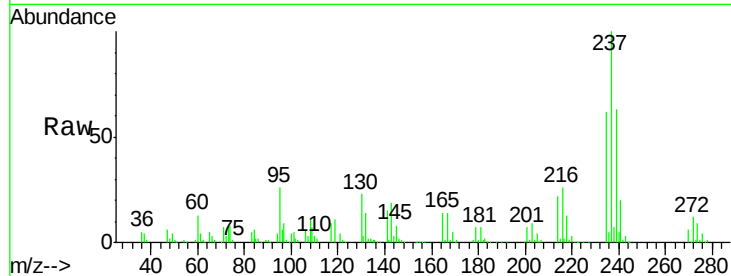
#40
Hexachlorocyclopentadiene
Concen: 77.30 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.4	43.4	83.4
272	12.1	0.0	32.3

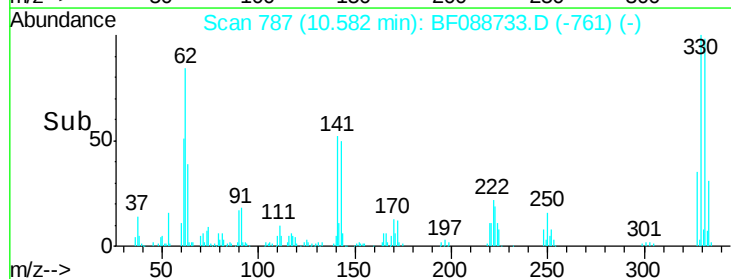
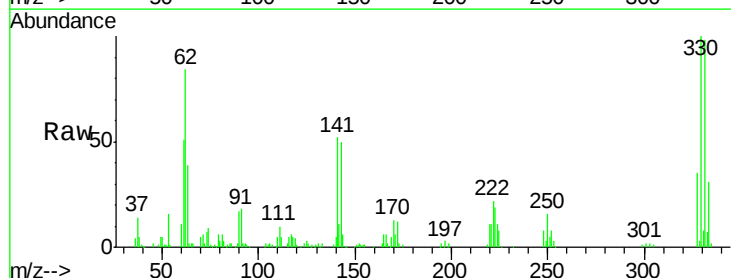
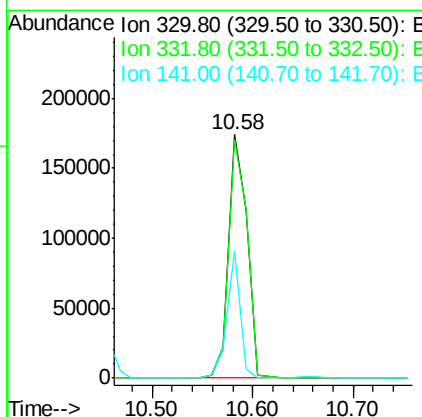
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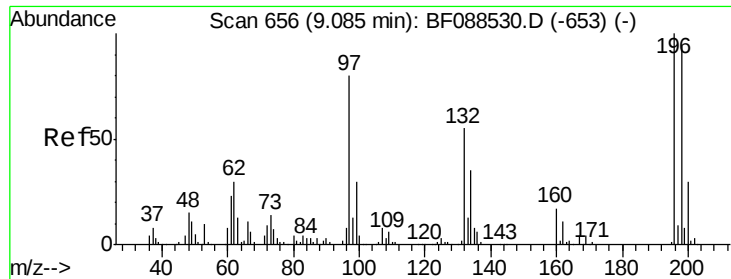
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#41
2,4,6-Tribromophenol
Concen: 125.65 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.4	0.0	0.0#
141	38.2	0.0	0.0#





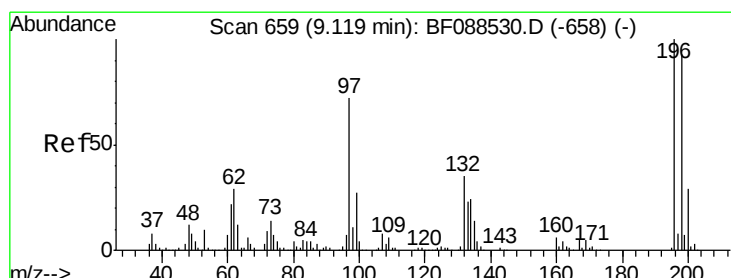
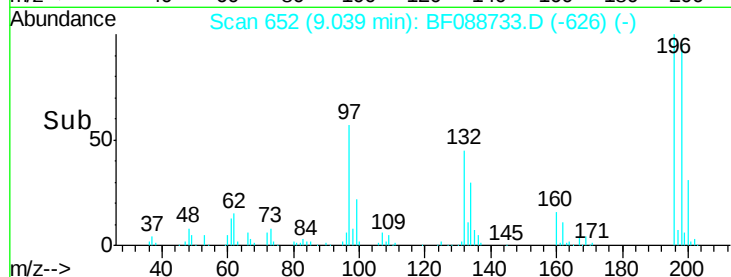
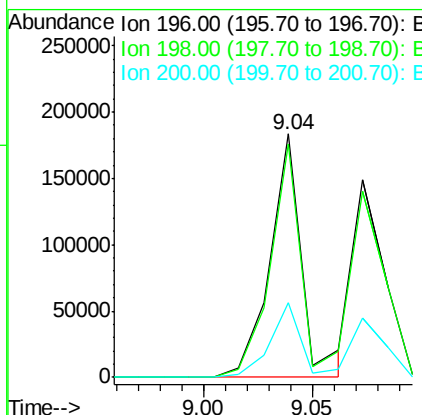
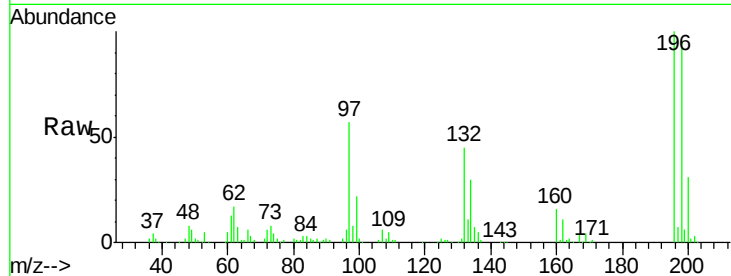
#42
 2,4,6-Trichlorophenol
 Concen: 45.47 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleID :
 PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189224		
198	95.7	78.0	117.0	
200	30.6	25.4	38.2	

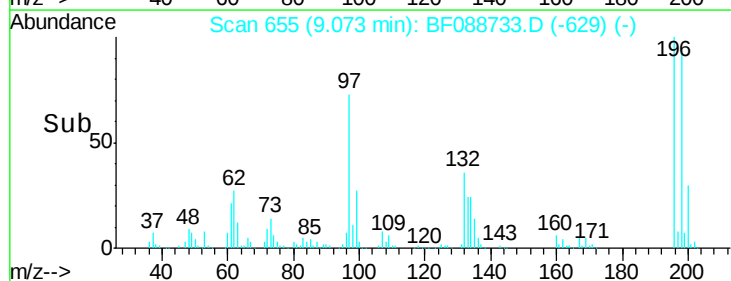
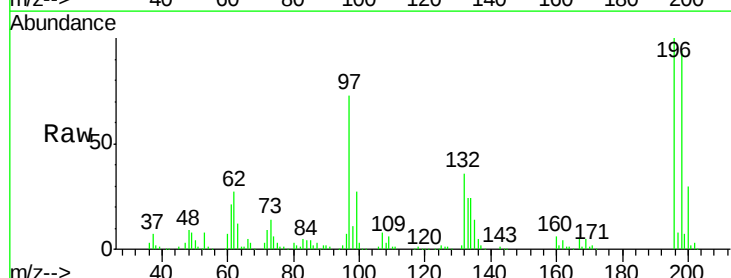
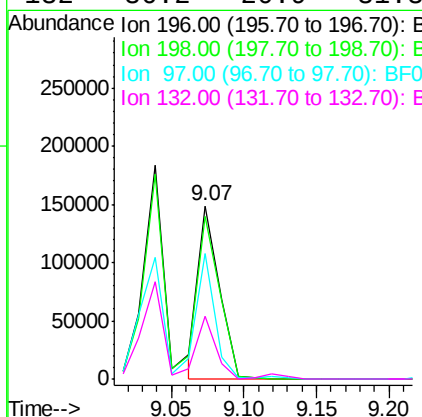
Manual Integrations
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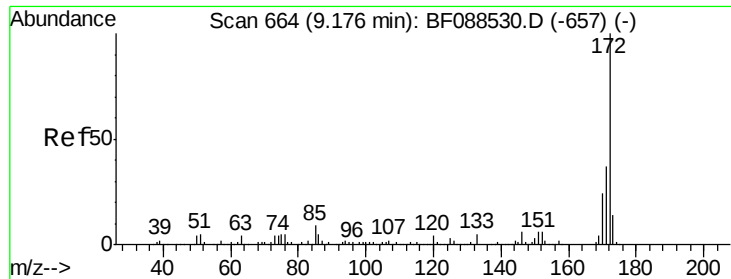
SOHIL
 7/7/2016 1:55:42 AM



#43
 2,4,5-Trichlorophenol
 Concen: 42.21 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151139		
198	94.4	77.5	116.3	
97	72.6	32.0	48.0#	
132	36.2	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 87.06 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

ClientSampleId :

PB91761BS

Tgt Ion:172 Resp: 1046011

Ion Ratio Lower Upper

172 100

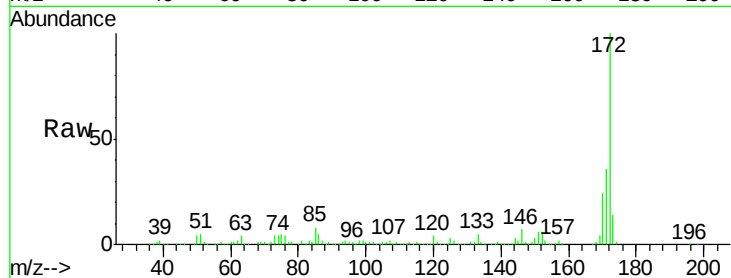
171 36.5 28.6 43.0

170 24.2 19.2 28.8

Manual Integrations
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SOHIL

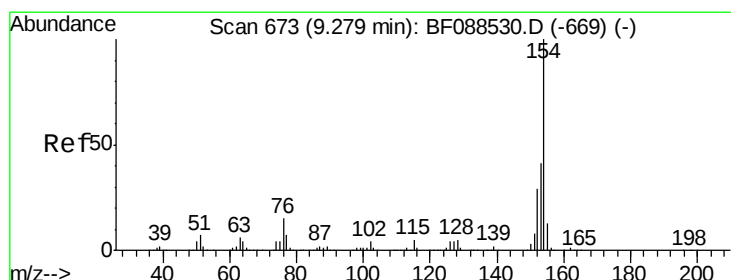
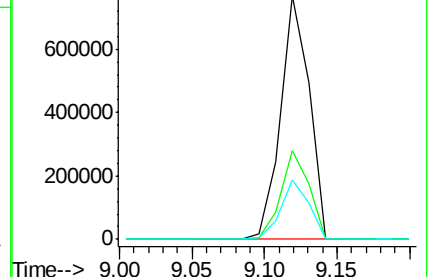
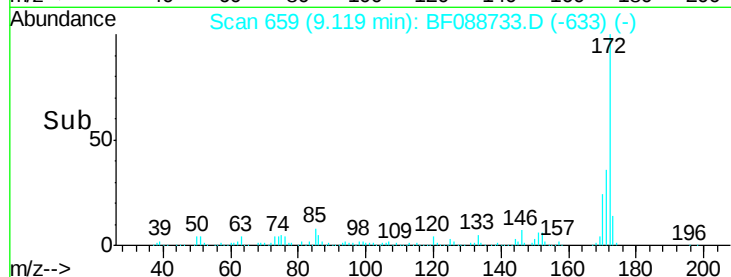
7/7/2016 1:55:42 AM



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: 41.08 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

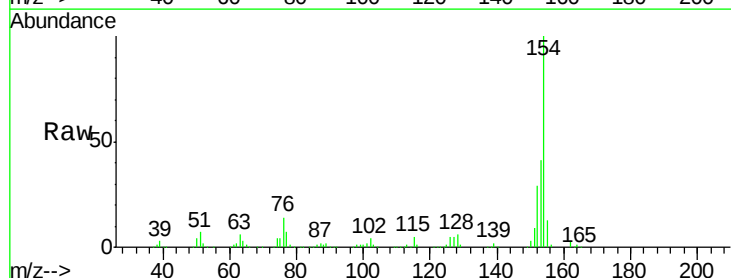
Tgt Ion:154 Resp: 645545

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

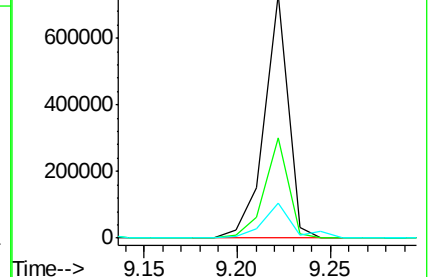
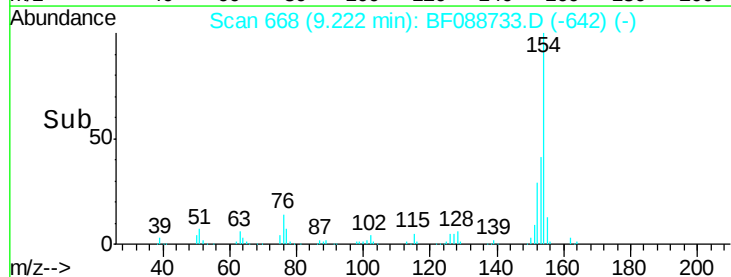
76 14.4 0.0 35.1

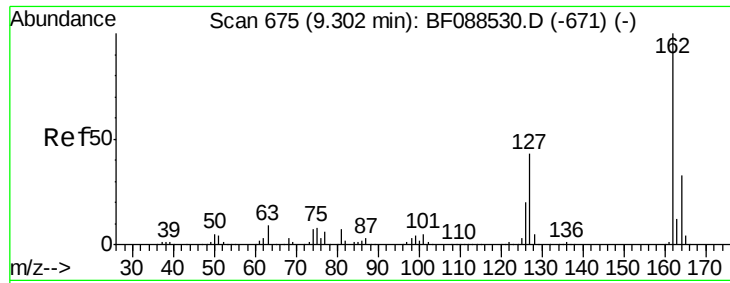


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





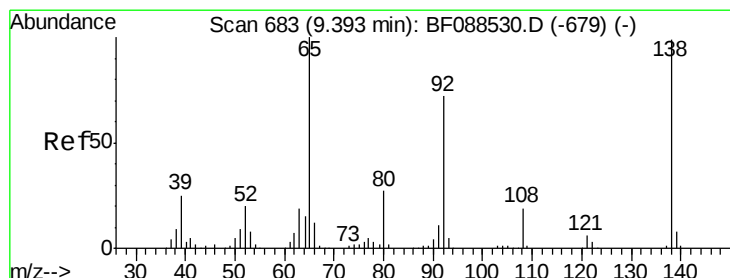
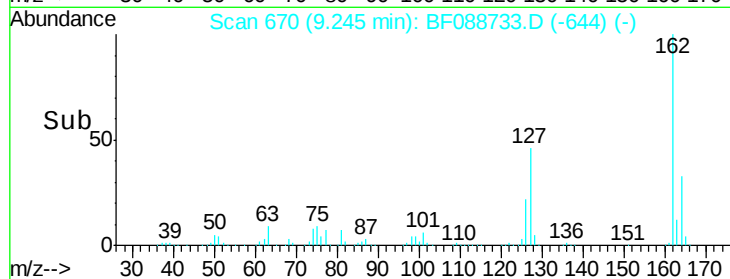
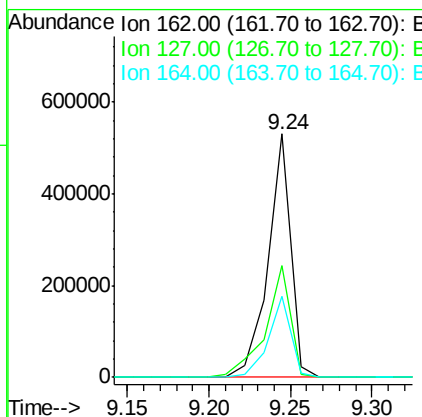
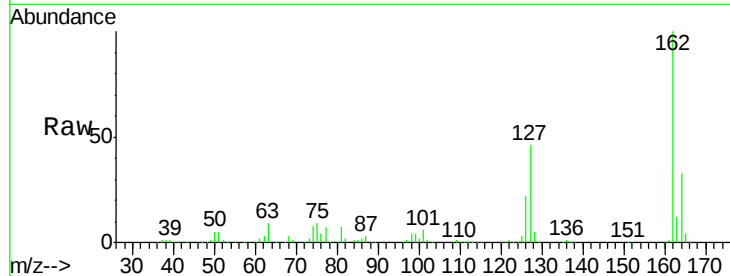
#46
 2-Chloronaphthalene
 Concen: 41.48 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.1	35.2	52.8
164	33.2	26.6	39.8

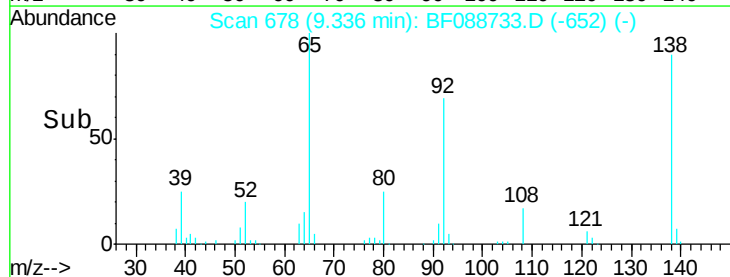
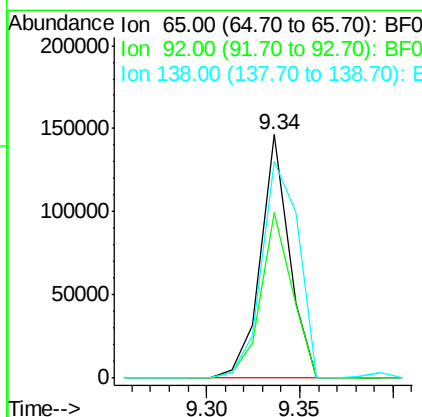
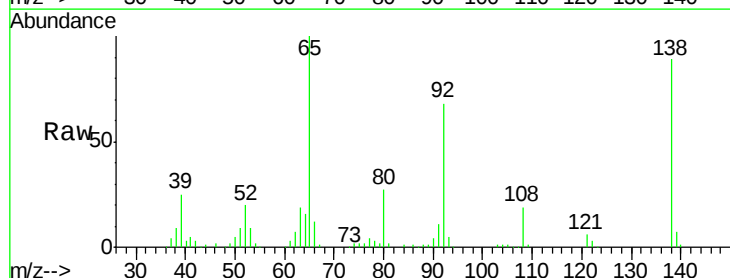
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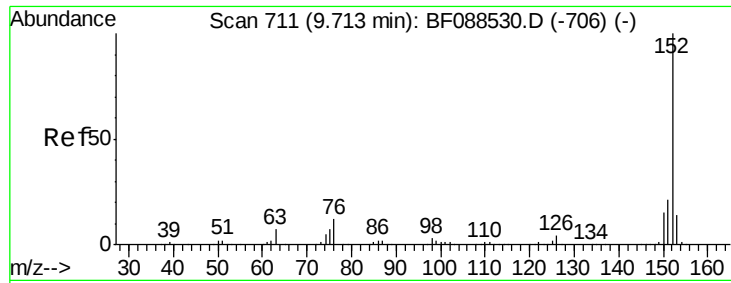
SOHIL
 7/7/2016 1:55:42 AM



#47
 2-Nitroaniline
 Concen: 35.64 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.6	82.0
138	89.0	77.0	115.4





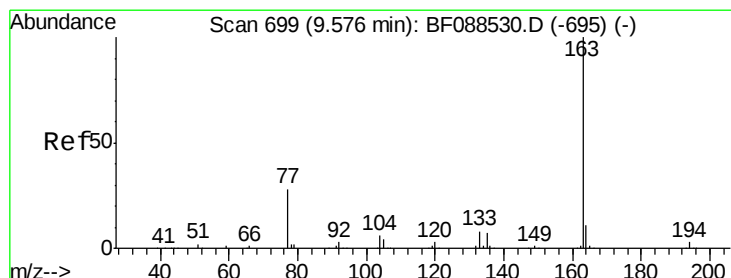
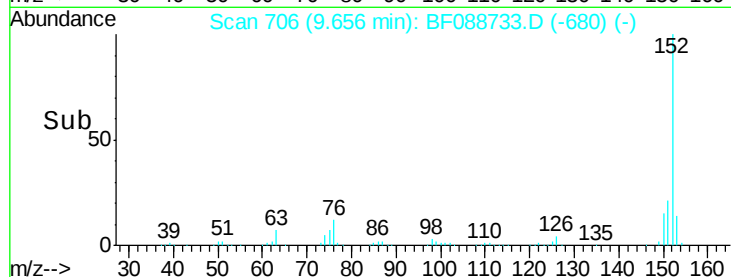
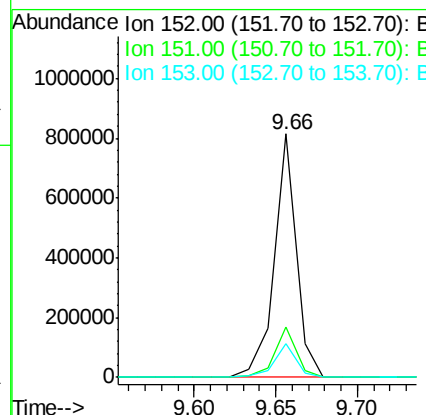
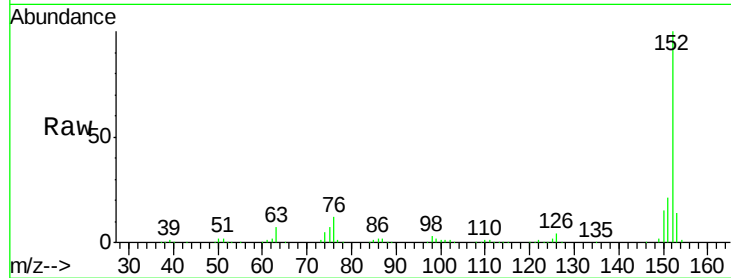
#48
Acenaphthylene
Concen: 39.17 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampled :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.7	11.0	16.6

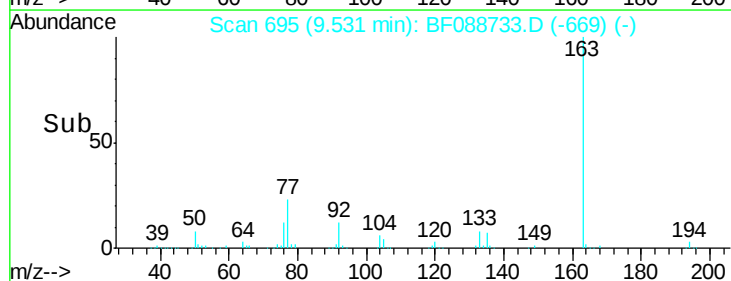
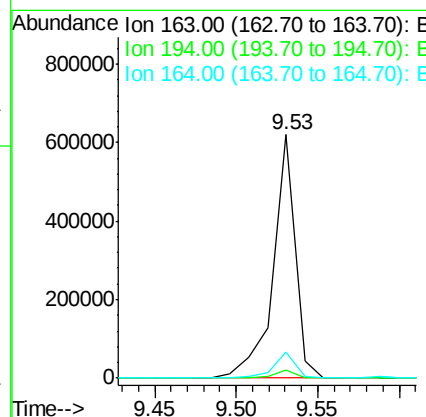
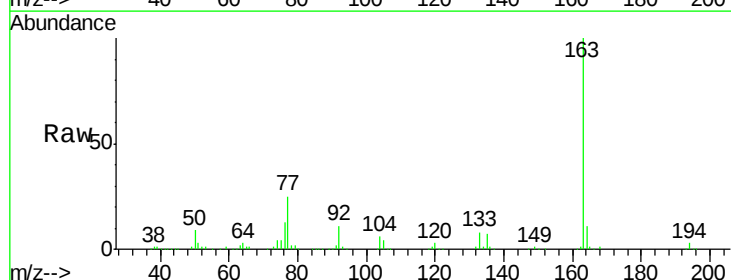
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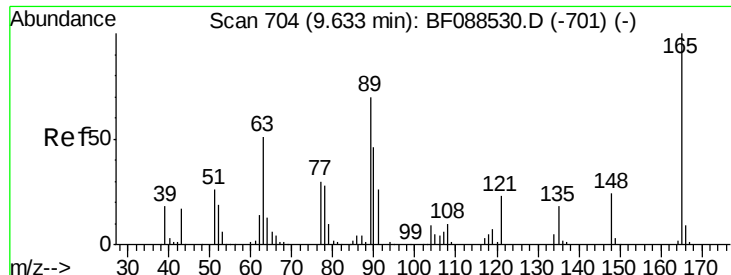
SOHIL
7/7/2016 1:55:42 AM



#49
Dimethylphthalate
Concen: 43.45 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.5	8.3	12.5





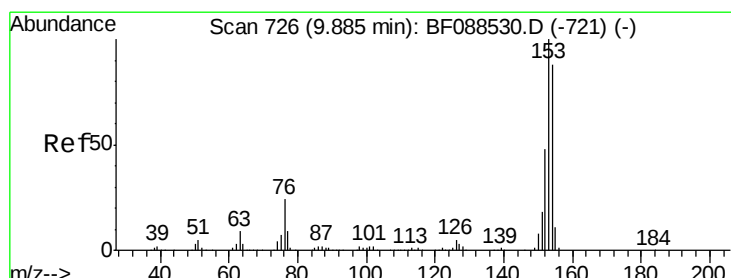
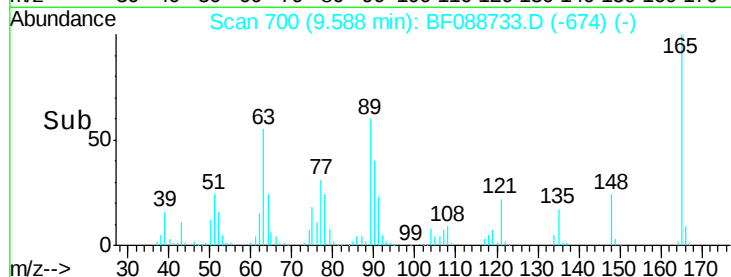
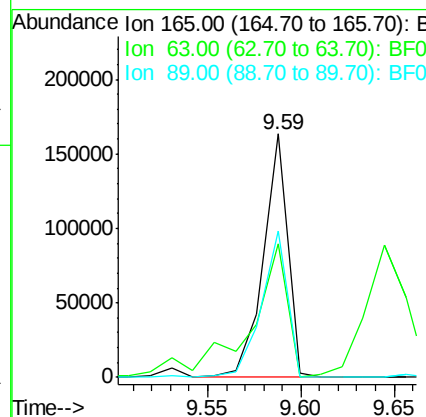
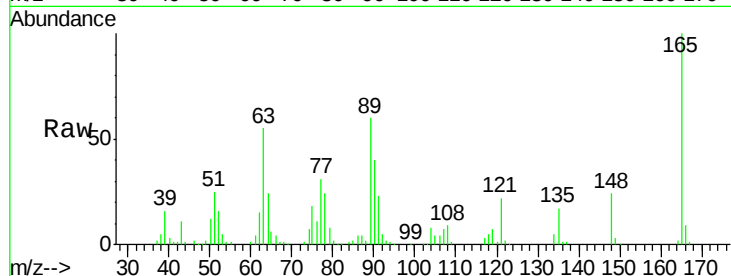
#50
 2,6-Dinitrotoluene
 Concen: 49.03 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.8	28.1	42.1#
89	60.2	32.2	48.2#

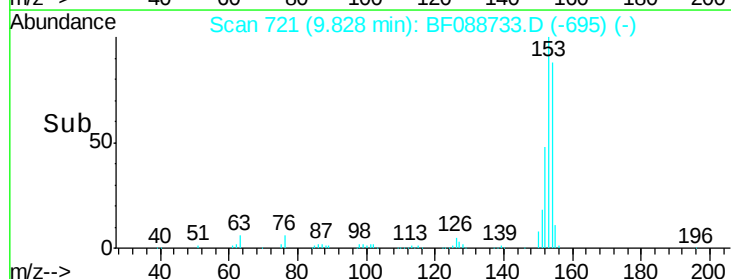
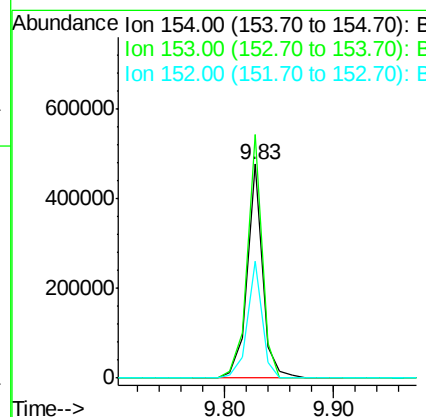
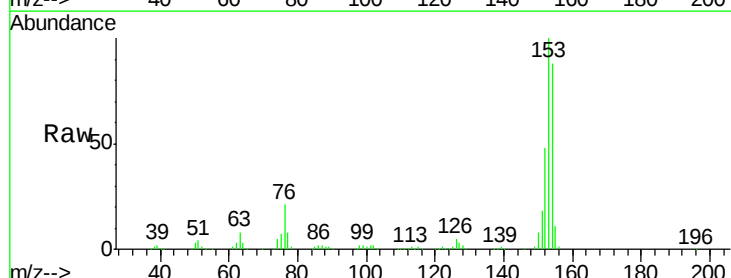
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 7/7/2016 1:55:42 AM



#51
 Acenaphthene
 Concen: 38.24 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.0	89.5	134.3
152	54.6	42.7	64.1





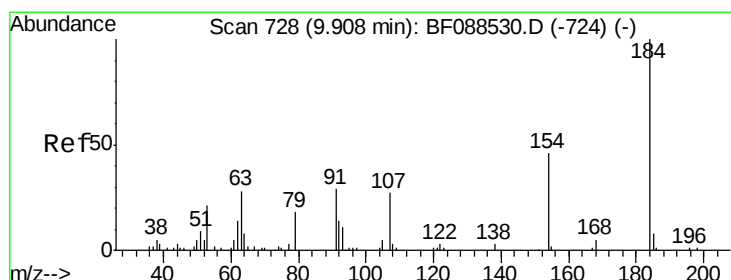
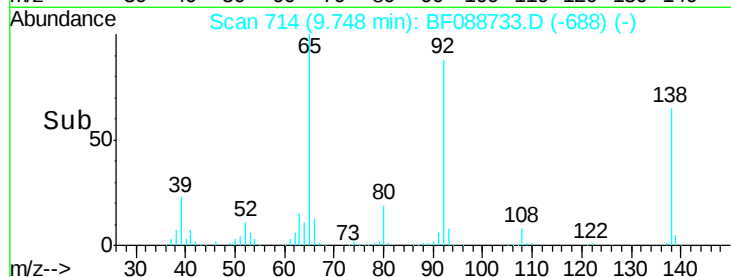
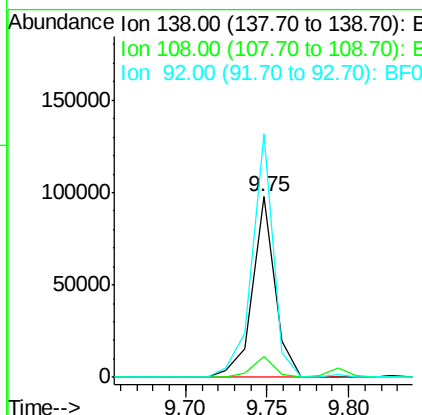
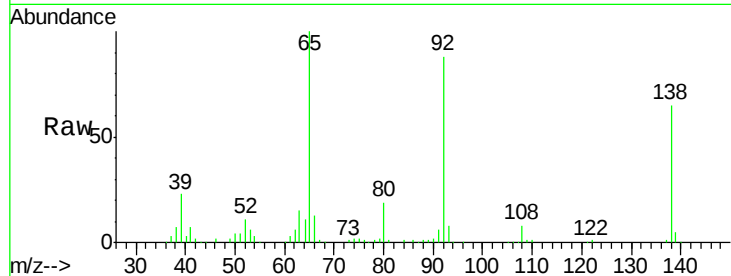
#52
 3-Nitroaniline
 Concen: 24.62 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion:138 Resp: 93803
 Ion Ratio Lower Upper
 138 100
 108 11.8 8.5 12.7
 92 134.8 95.7 143.5

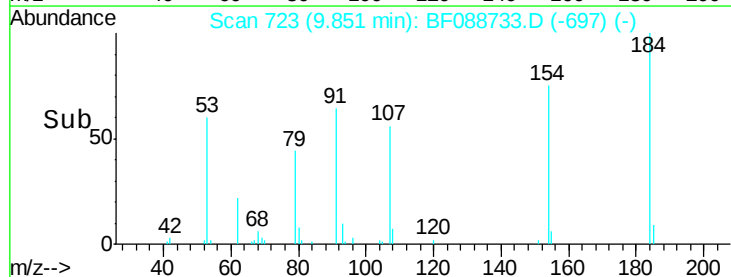
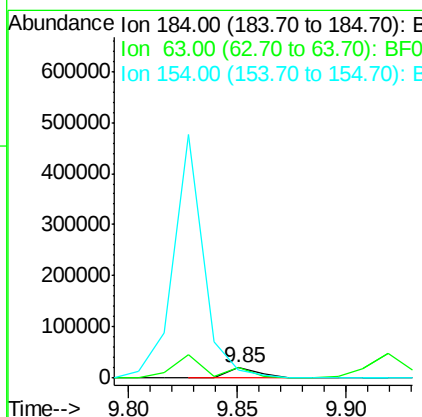
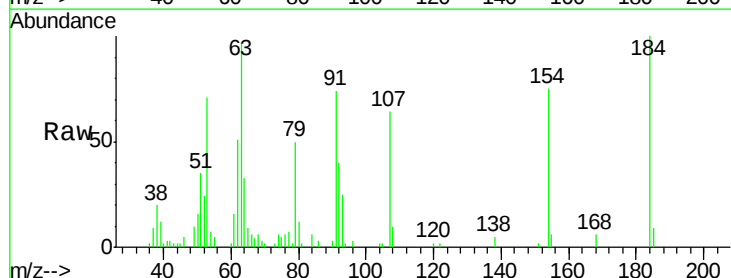
Manual Integrations
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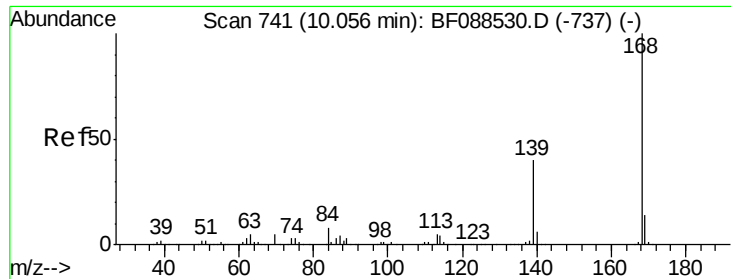
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#53
 2,4-Dinitrophenol
 Concen: 16.07 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion:184 Resp: 21265
 Ion Ratio Lower Upper
 184 100
 63 97.4 57.6 86.4#
 154 75.4 53.5 80.3





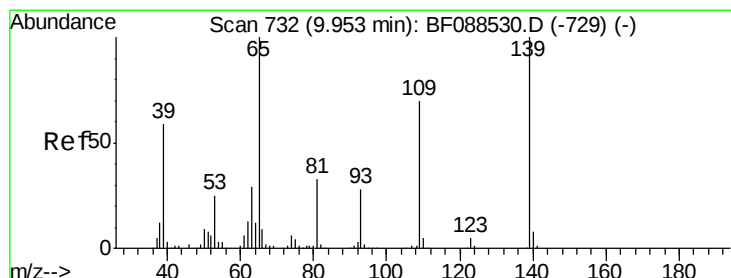
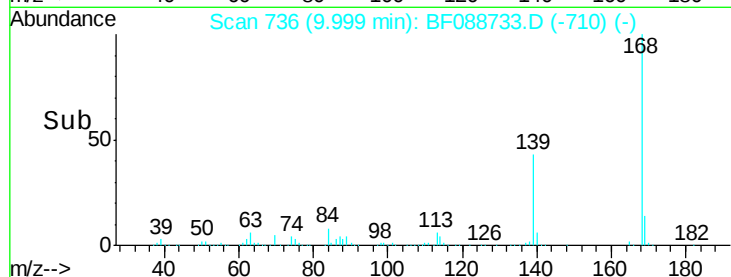
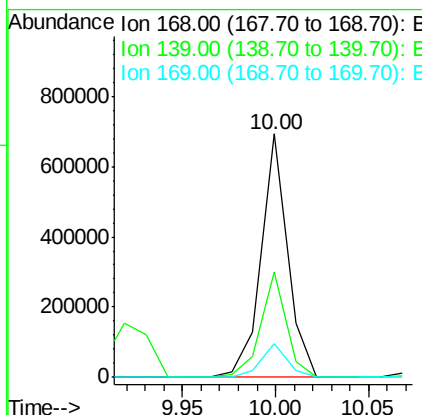
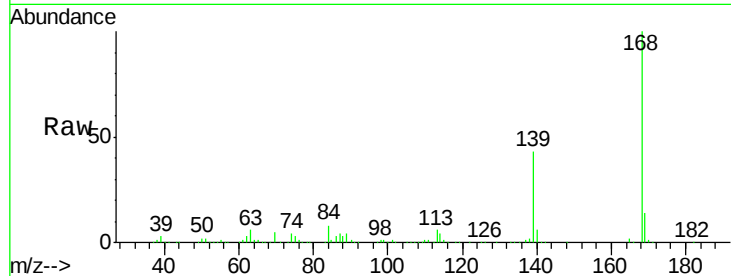
#54
Dibenzofuran
Concen: 43.18 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.4	26.4	39.6#
169	13.8	10.4	15.6

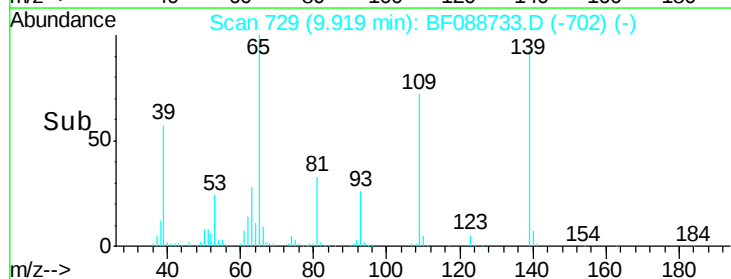
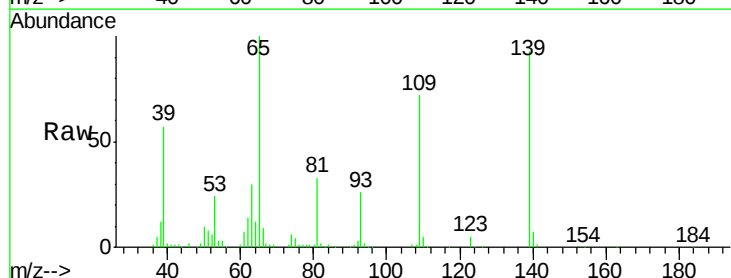
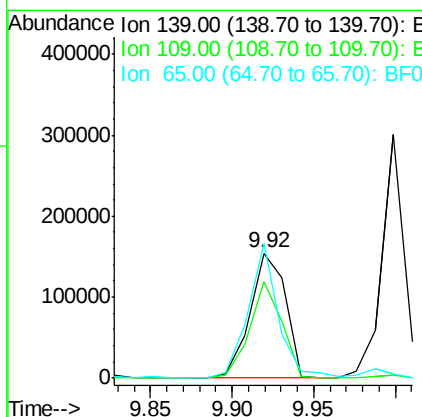
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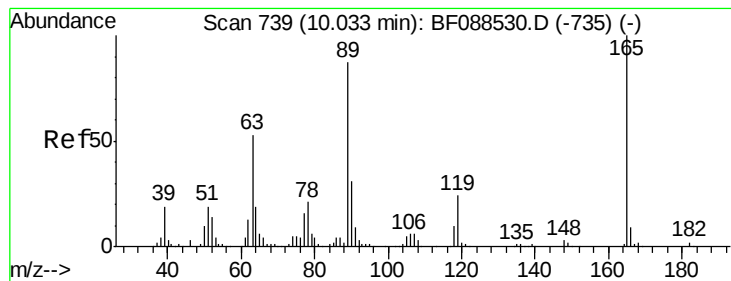
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#55
4-Nitrophenol
Concen: 80.14 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.8	48.9	88.9
65	108.0	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 42.02 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

ClientSampleId :

PB91761BS

Tgt Ion:165 Resp: 164627
Ion Ratio Lower Upper

165 100

63 57.9 22.0 33.0#

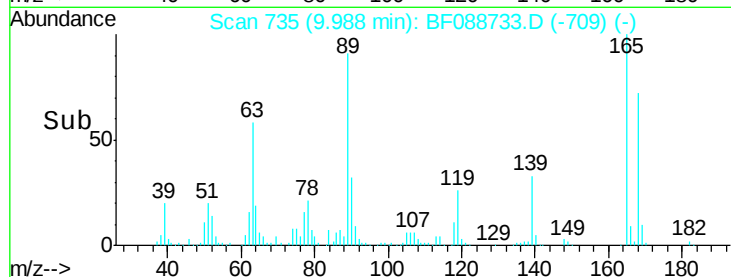
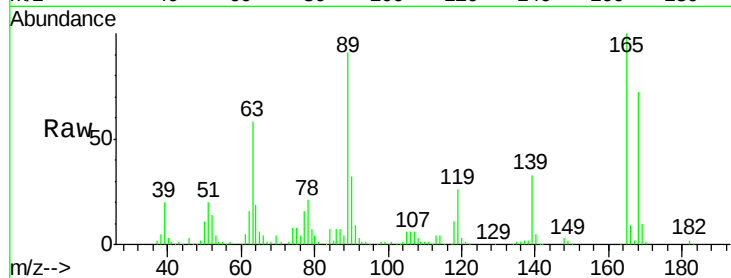
89 90.6 41.1 61.7#

182 2.3 2.0 3.0

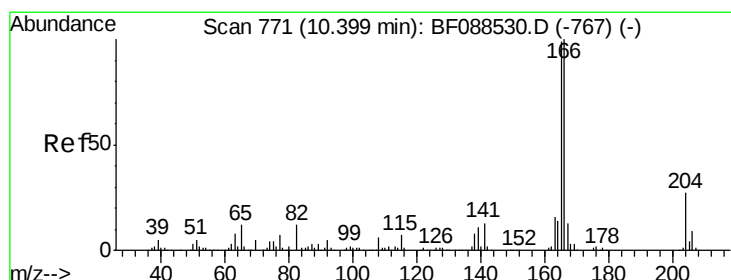
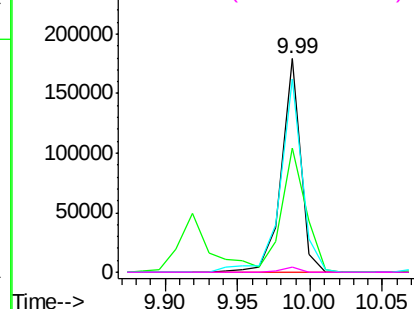
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.72 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF088733.D

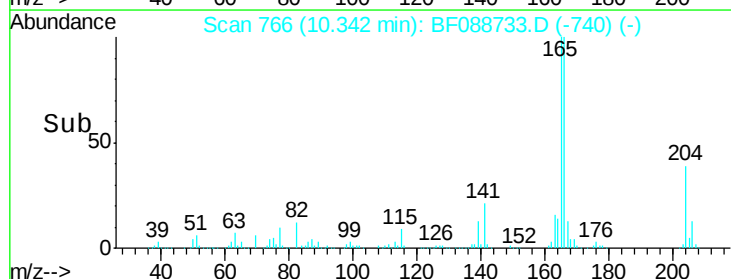
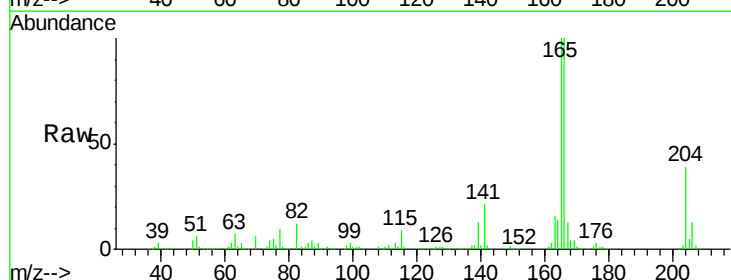
Acq: 6 Jul 2016 12:27

Tgt Ion:166 Resp: 530622
Ion Ratio Lower Upper

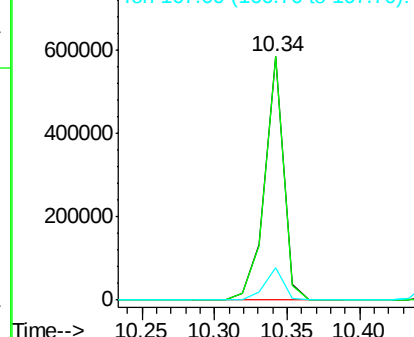
166 100

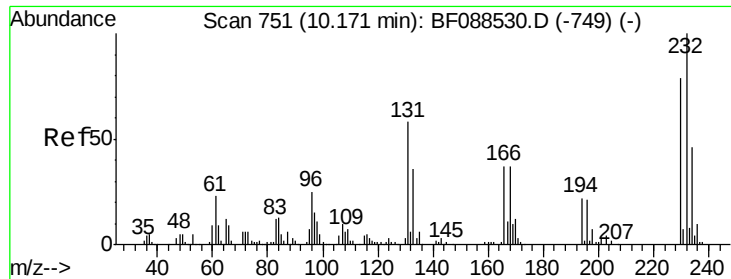
165 99.9 77.8 116.8

167 13.4 11.2 16.8



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





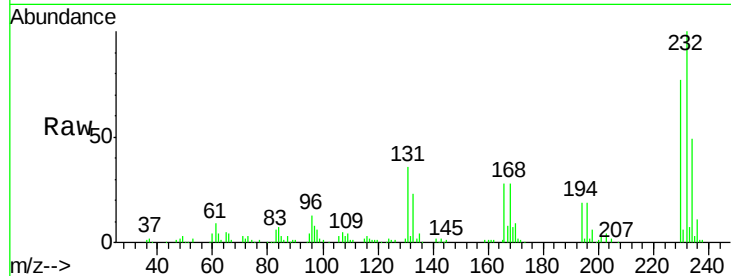
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.84 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	51.0	0.9	1.3#
130	2.5	1.5	2.3#
166	33.3	0.5	0.7#

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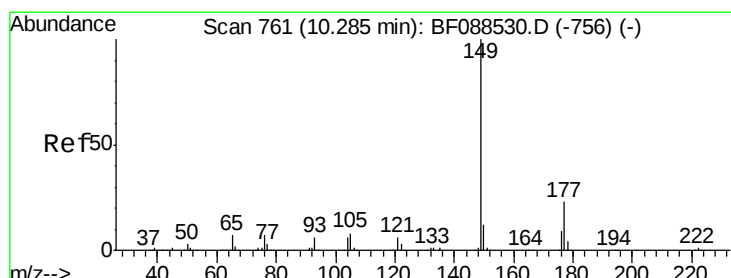
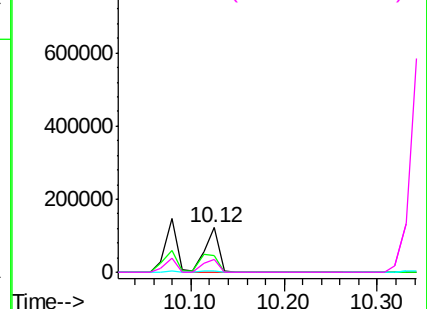
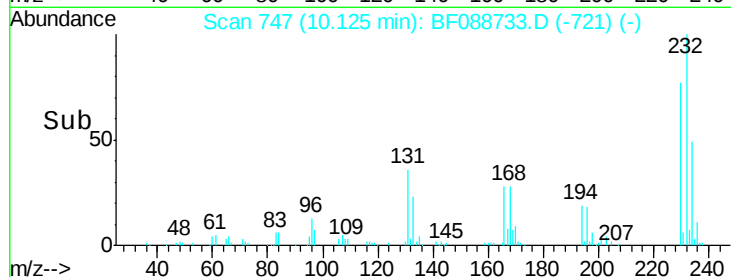


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

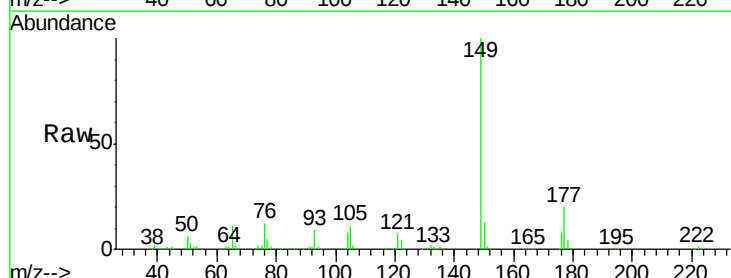
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 44.13 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

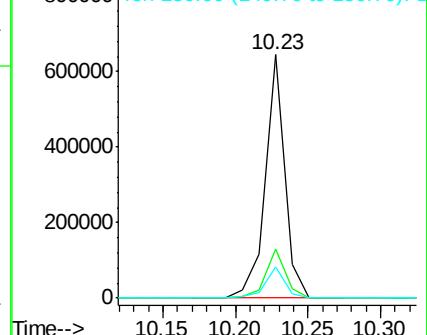
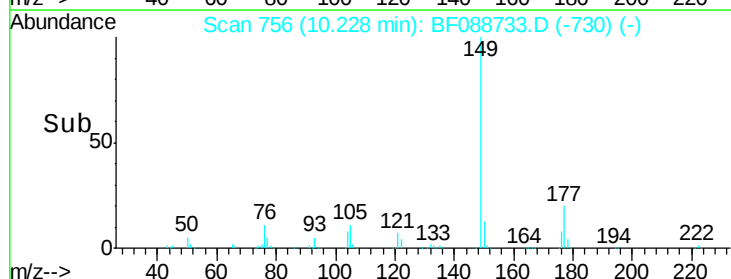
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.2	16.9	25.3
150	12.6	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





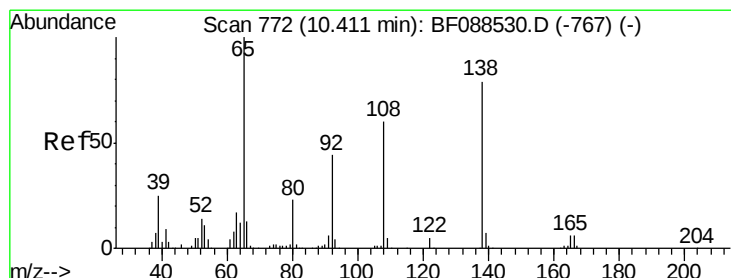
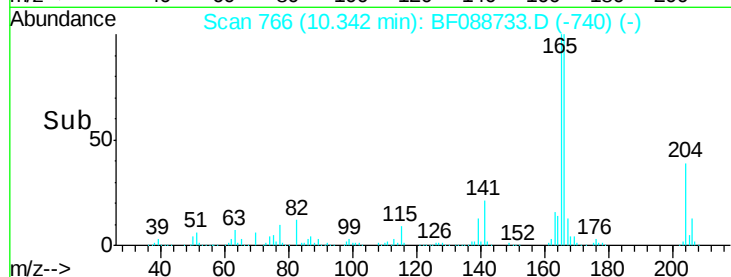
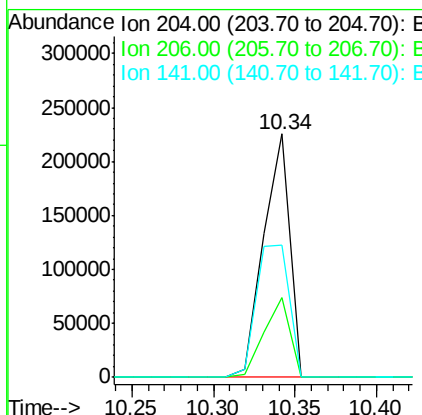
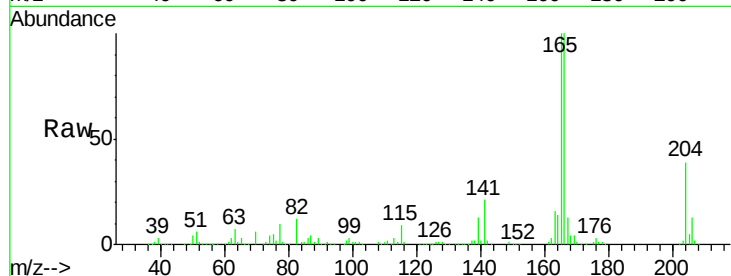
#60
 4-Chlorophenyl-phenylether
 Concen: 44.66 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	54.4	55.0	82.6

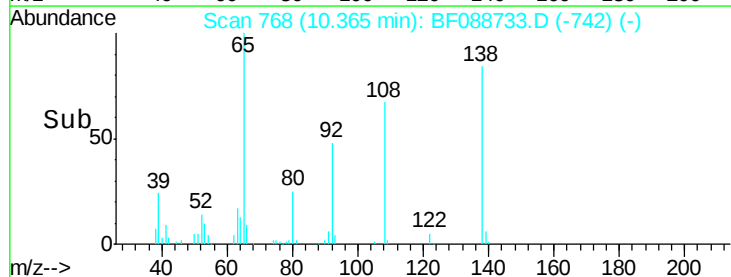
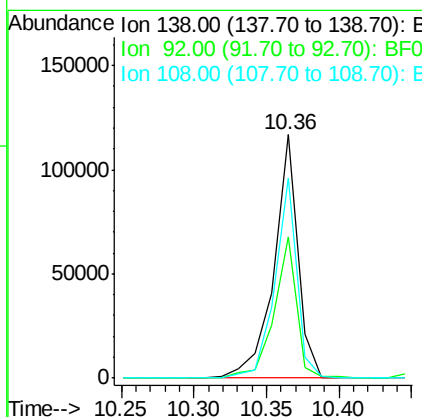
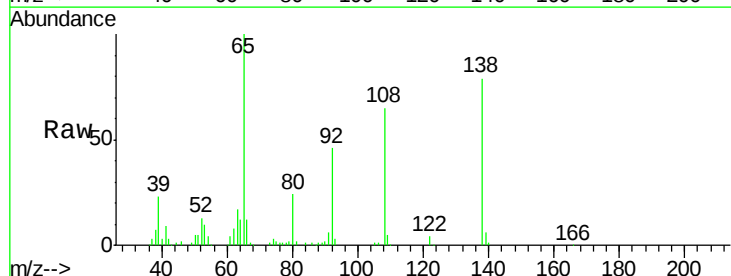
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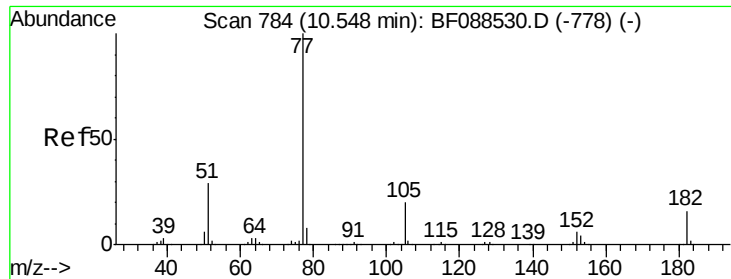
SOHIL
 7/7/2016 1:55:42 AM



#61
 4-Nitroaniline
 Concen: 36.66 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	27.3	67.3
108	82.0	46.7	86.7





#62

Azobenzene

Concen: 45.80 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

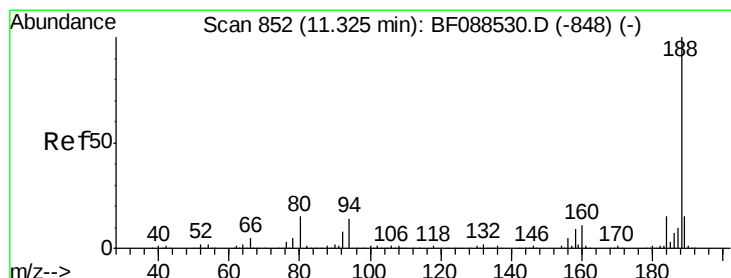
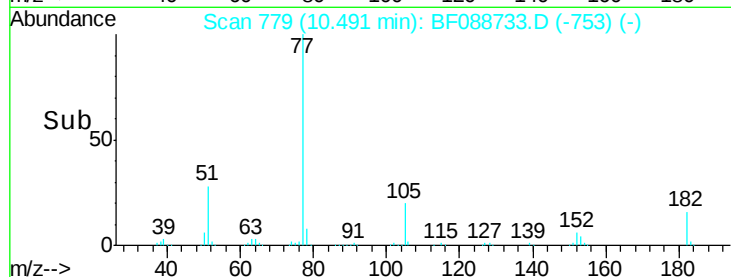
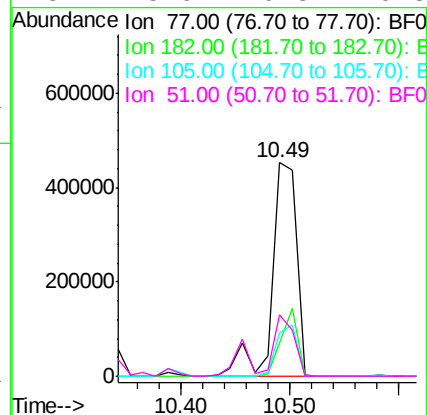
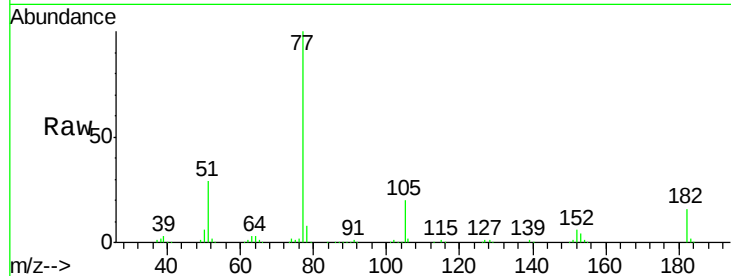
ClientSampleId :

PB91761BS

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	15.8	4.4	44.4	
105	20.3	3.8	43.8	
51	28.6	9.3	49.3	

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#63

Phenanthrene-d10

Concen: 20.00 ng

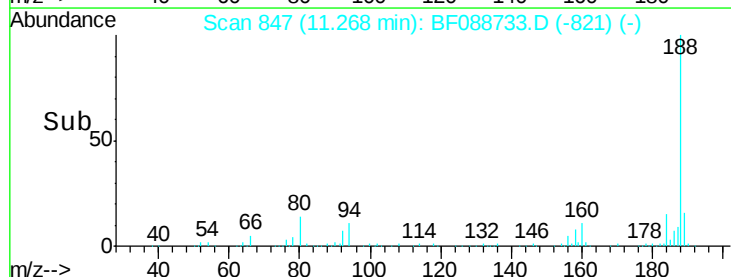
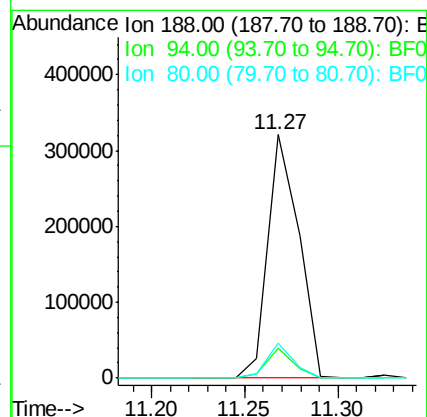
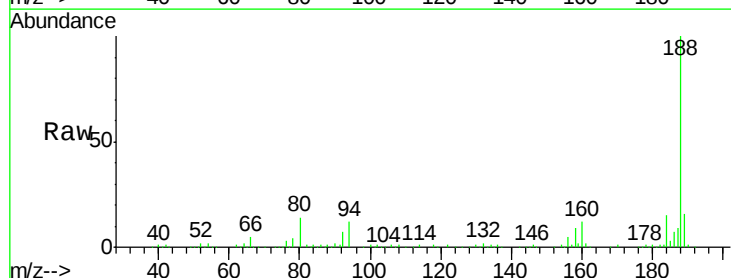
RT: 11.27 min Scan# 847

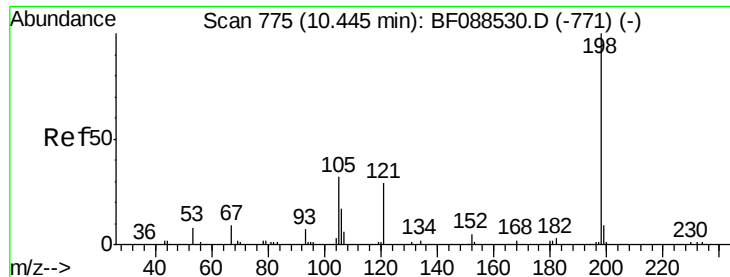
Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	12.3	9.0	13.6	
80	14.3	10.0	15.0	





#64

4,6-Dinitro-2-methylphenol

Concen: 16.52 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

ClientSampleId :

PB91761BS

Tgt Ion:198 Resp: 32592

Ion Ratio Lower Upper

198 100

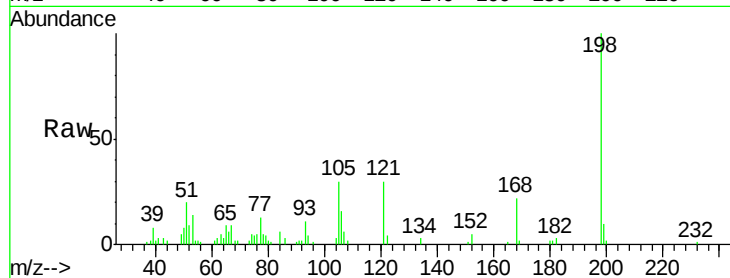
51 19.6 39.6 79.6#

105 30.3 36.6 76.6#

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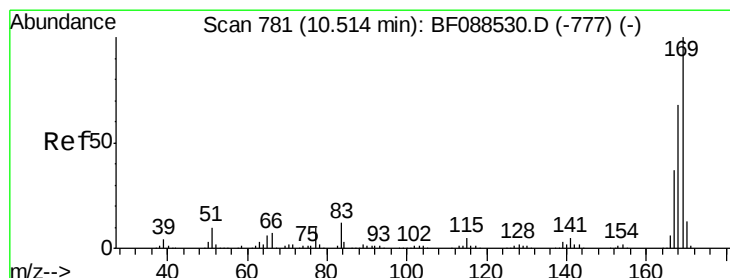
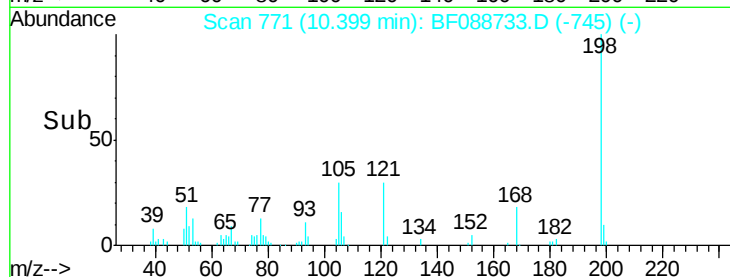
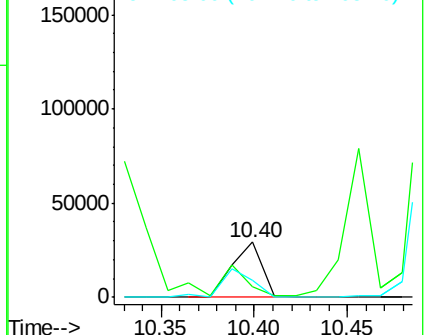
7/7/2016 1:55:42 AM



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: 38.14 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

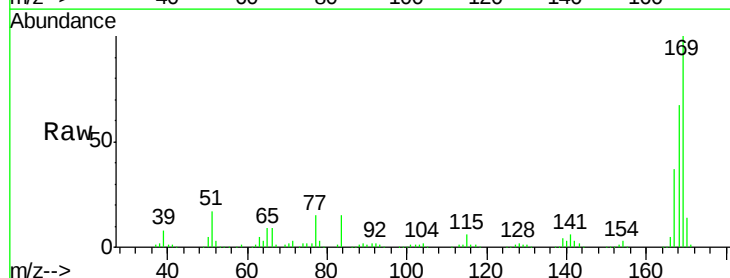
Tgt Ion:169 Resp: 476249

Ion Ratio Lower Upper

169 100

168 67.4 53.4 80.0

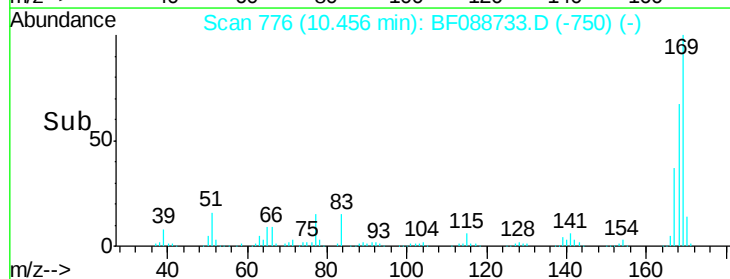
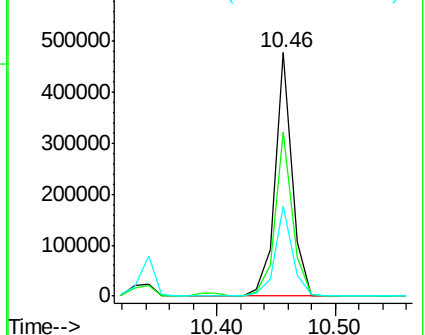
167 37.1 29.4 44.0



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





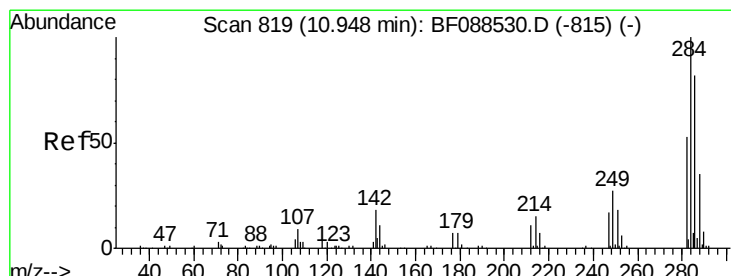
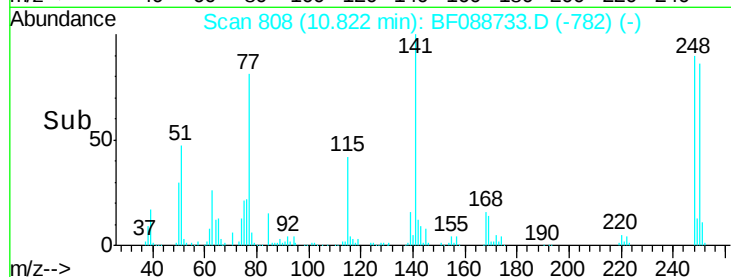
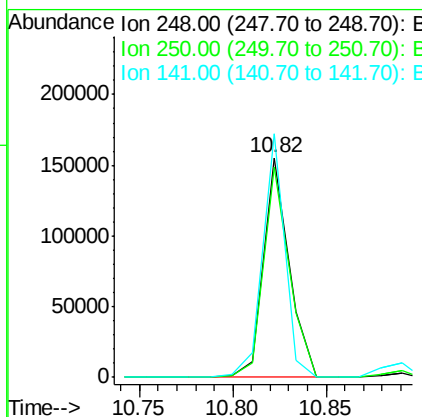
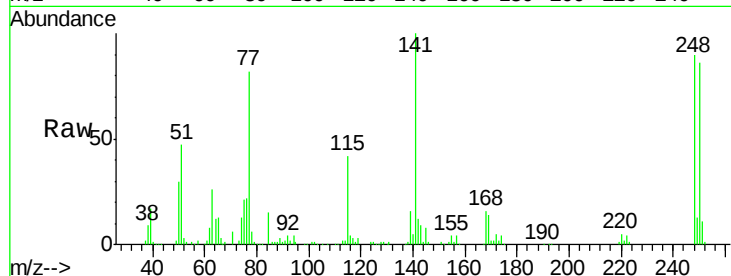
#66
 4-Bromophenyl-phenylether
 Concen: 39.35 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.1	115.7
141	111.0	50.6	76.0

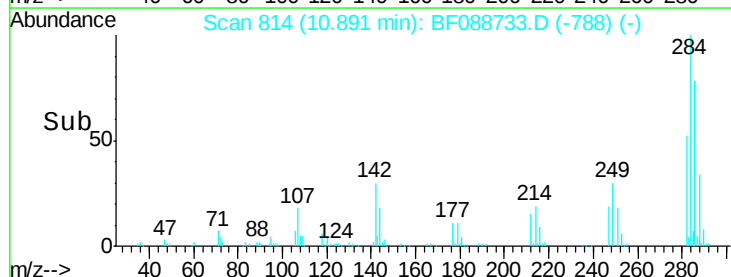
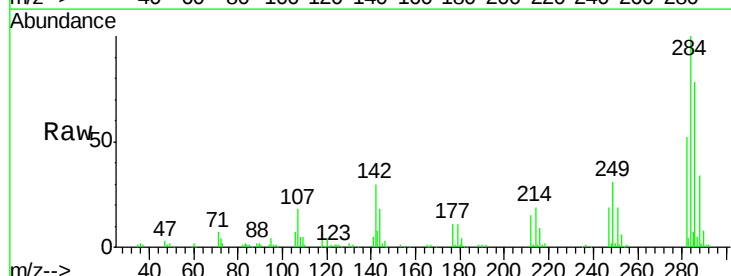
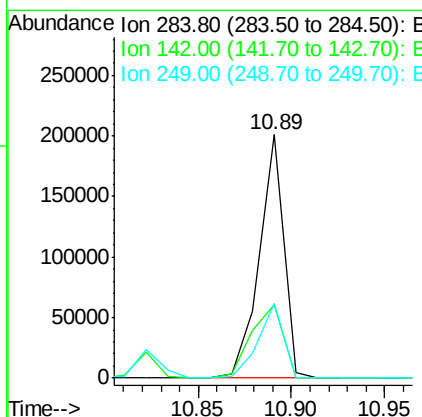
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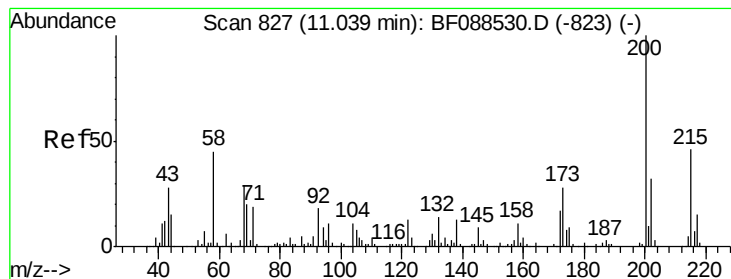
SOHIL
 7/7/2016 1:55:42 AM



#67
 Hexachlorobenzene
 Concen: 44.10 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	35.8	53.8
249	30.8	25.8	38.6





#68

Atrazine

Concen: 45.49 ng

RT: 10.99 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

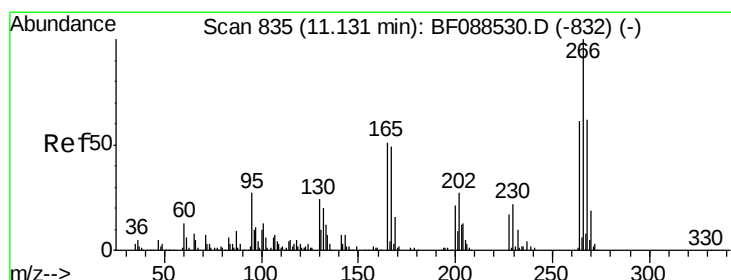
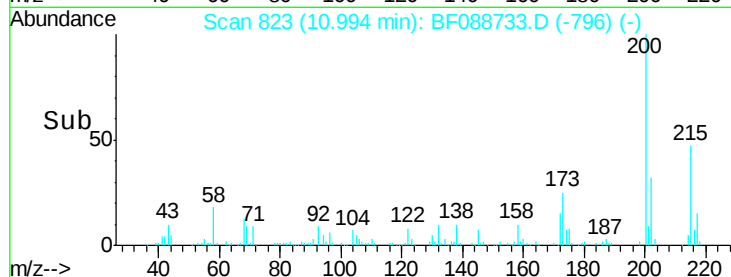
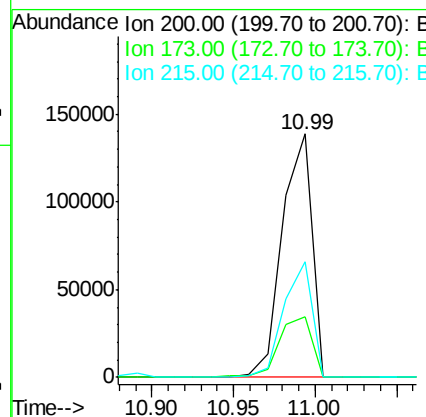
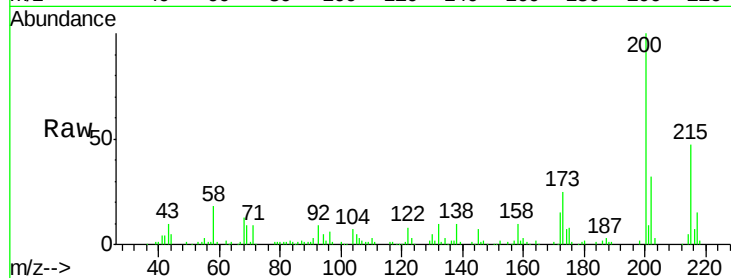
ClientSampleId :

PB91761BS

Tgt Ion:	200	Resp:	177025
Ion Ratio	Lower	Upper	
200	100		
173	24.7	4.0	44.0
215	47.5	29.3	69.3

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7/7/2016 1:55:42 AM



#69

Pentachlorophenol

Concen: 47.81 ng

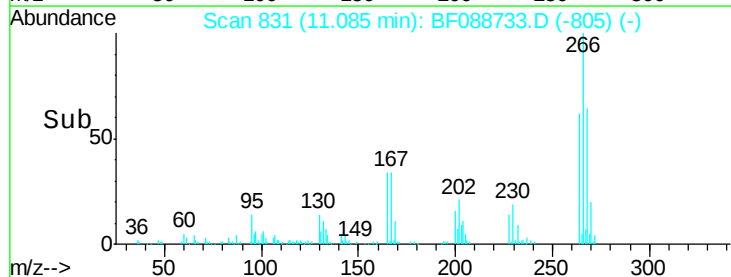
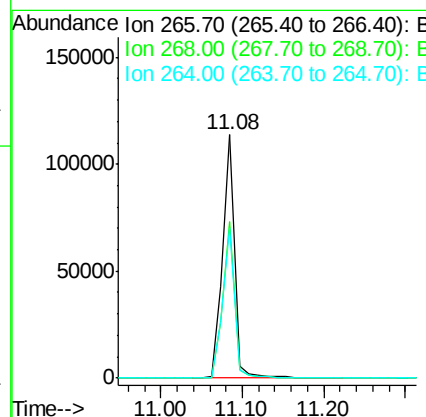
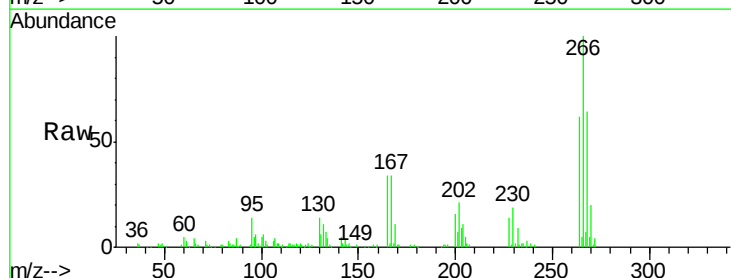
RT: 11.08 min Scan# 831

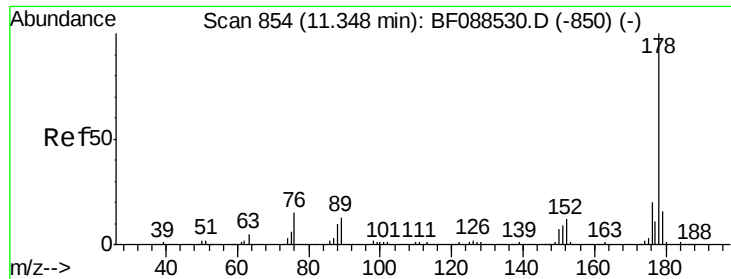
Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Tgt Ion:	266	Resp:	116466
Ion Ratio	Lower	Upper	
266	100		
268	64.1	52.8	79.2
264	61.6	49.6	74.4





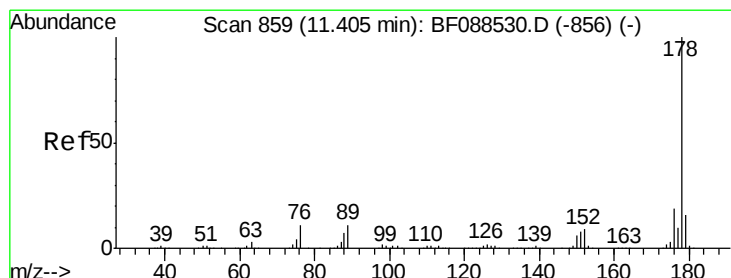
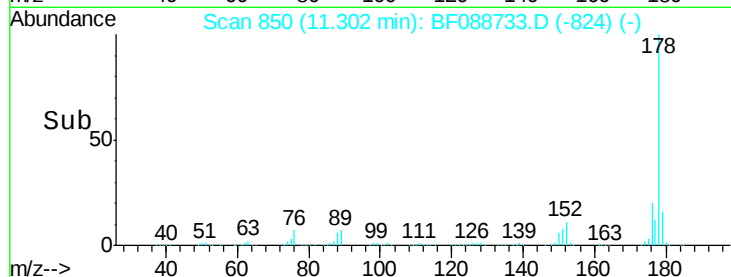
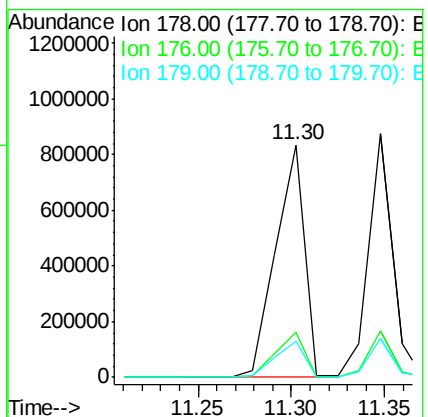
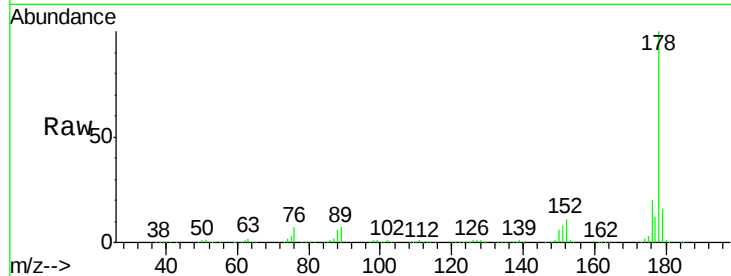
#70
Phenanthrene
Concen: 44.53 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.5	13.0	19.4

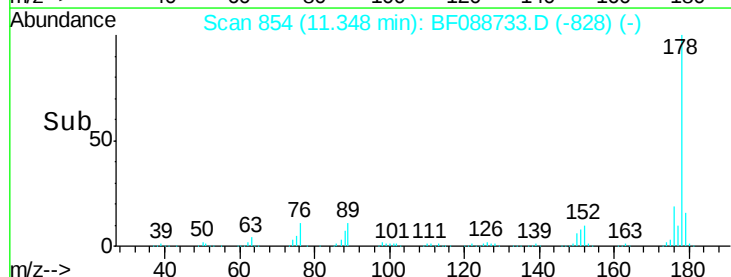
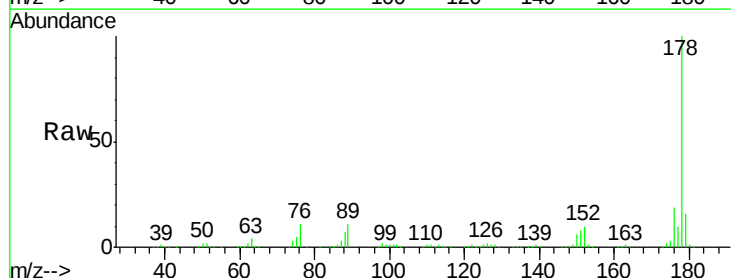
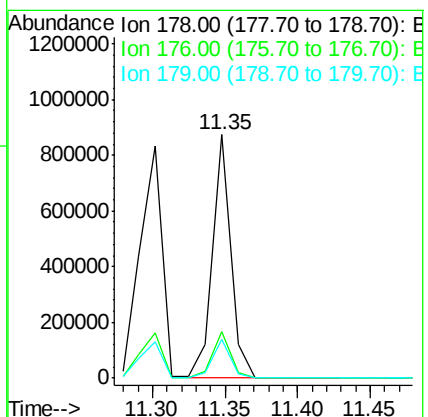
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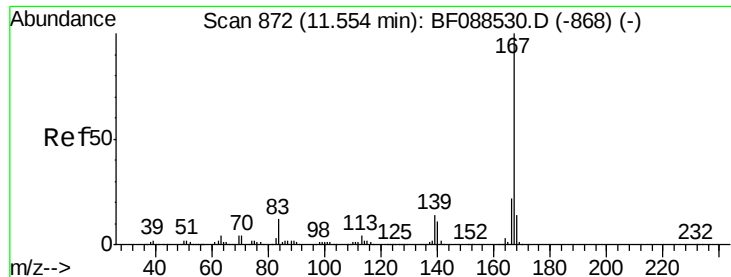
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7/7/2016 1:55:42 AM



#71
Anthracene
Concen: 38.37 ng
RT: 11.35 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.9	12.8	19.2





#72

Carbazole

Concen: 45.30 ng

RT: 11.51 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

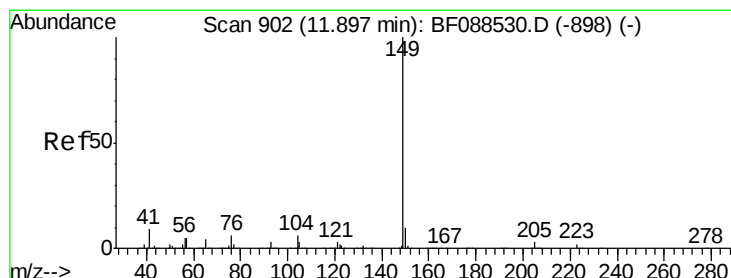
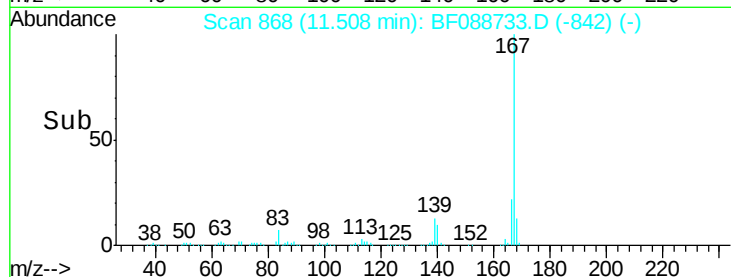
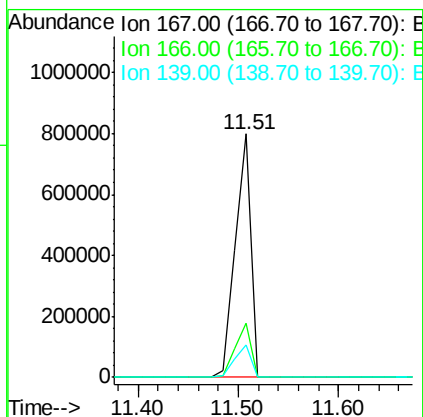
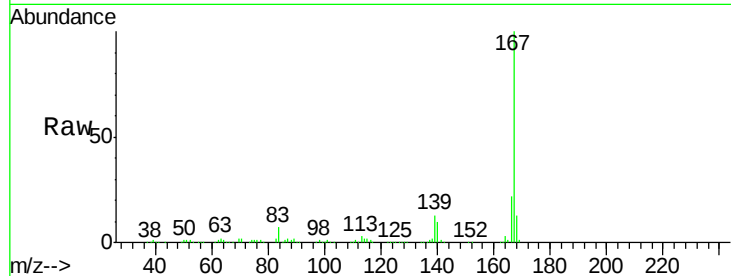
ClientSampled :

PB91761BS

Tgt Ion:	167	Resp:	855053
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.8	26.6
139	13.4	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 42.73 ng

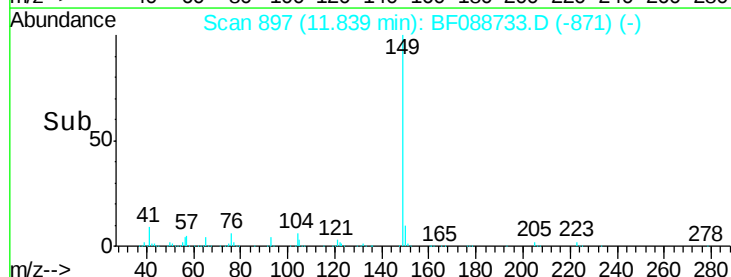
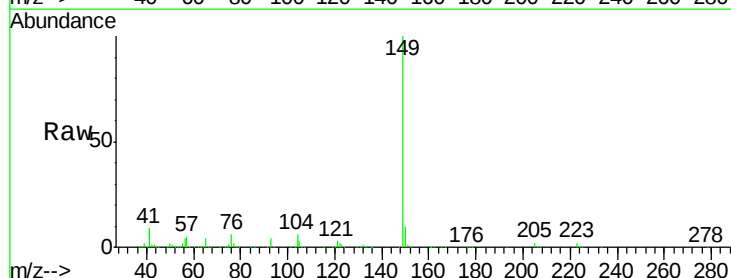
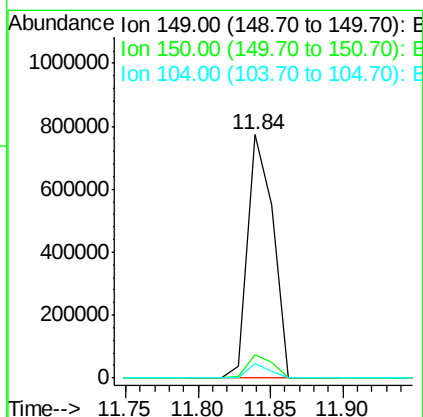
RT: 11.84 min Scan# 897

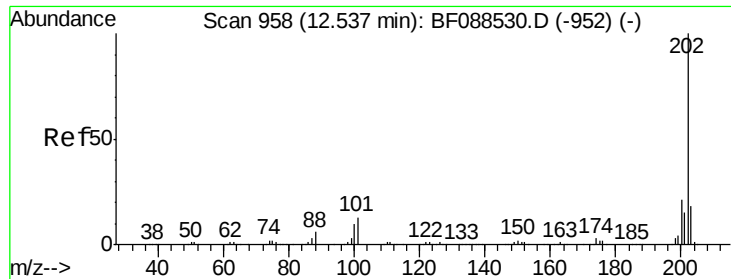
Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Tgt Ion:	149	Resp:	938220
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.0	4.0	6.0#





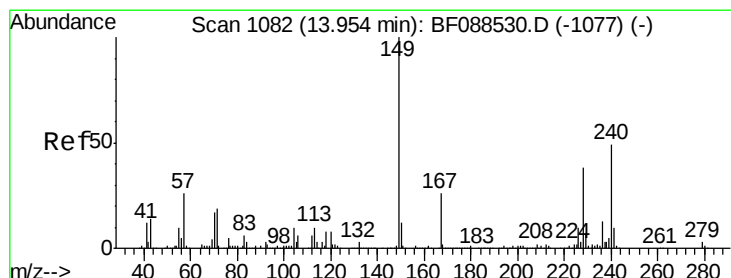
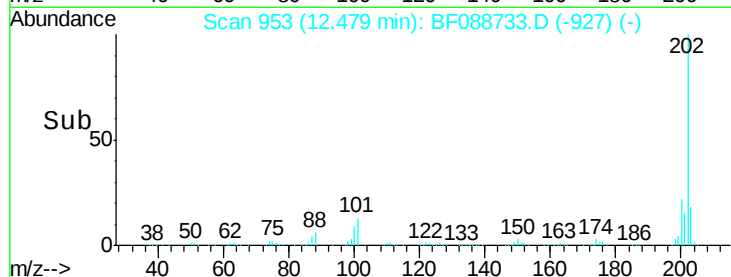
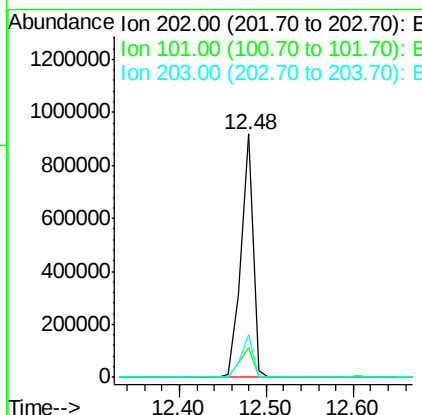
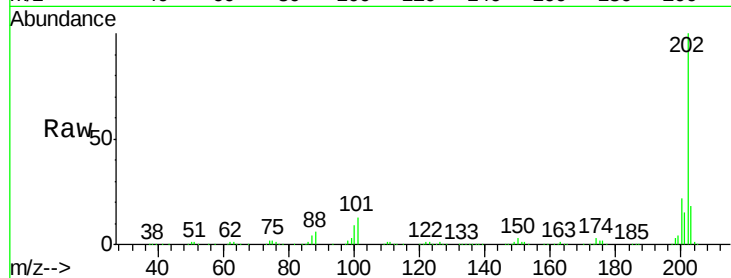
#74
Fluoranthene
 Concen: 42.57 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	0.0	33.1
203	17.8	0.0	38.1

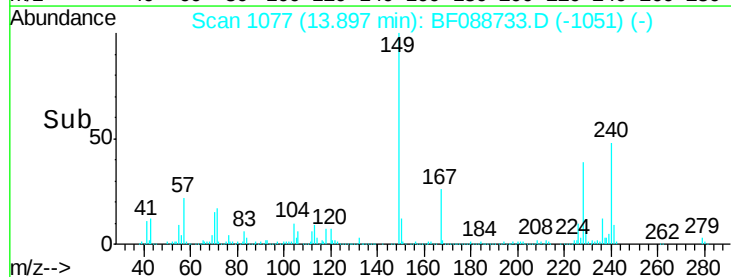
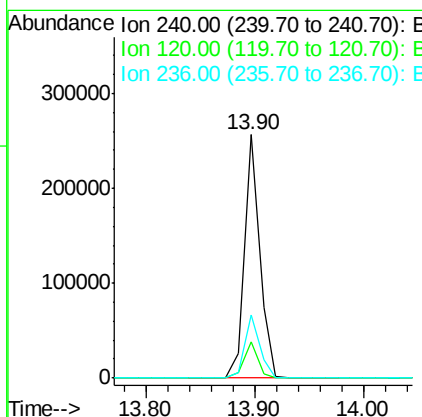
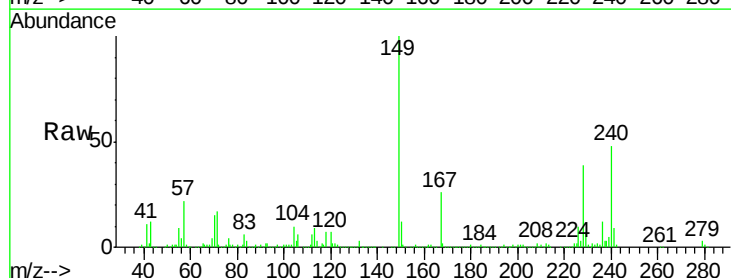
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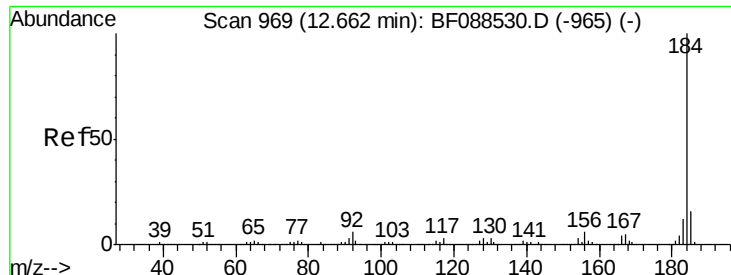
SOHIL
 7/7/2016 1:55:42 AM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.0	6.8	10.2#
236	25.9	20.2	30.2





#76

Benzidine

Concen: 43.72 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

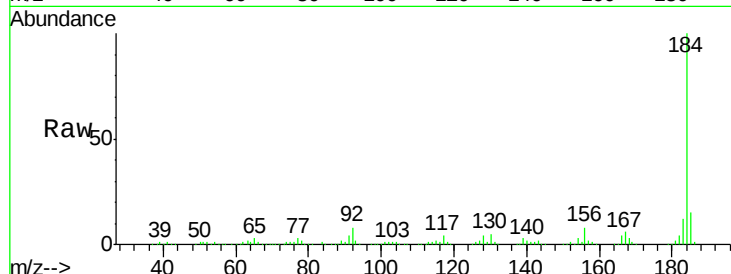
ClientSampleId :

PB91761BS

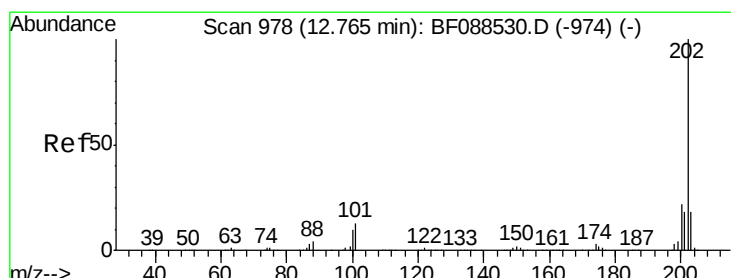
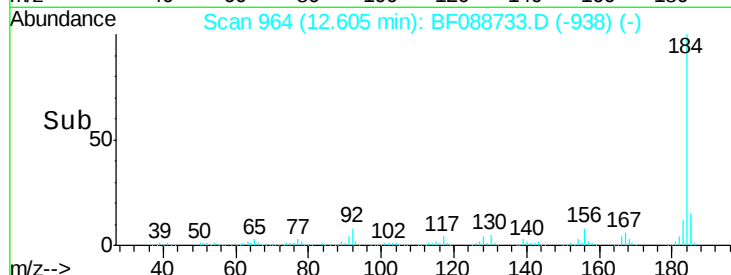
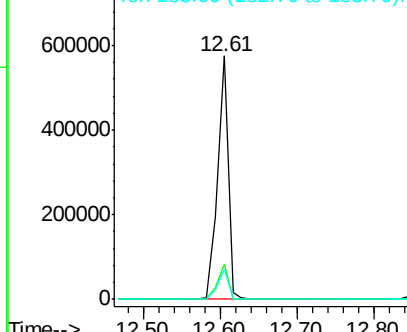
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	547948		
185	14.6	12.5	18.7	
183	12.4	9.3	13.9	

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: 43.26 ng

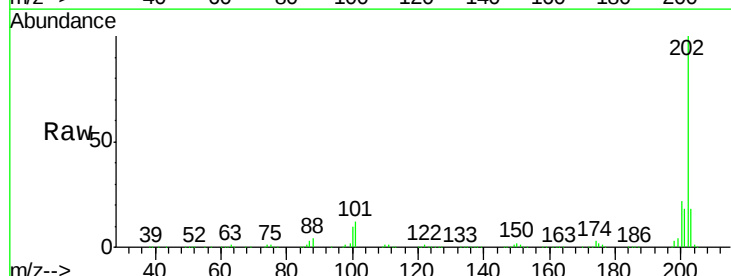
RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

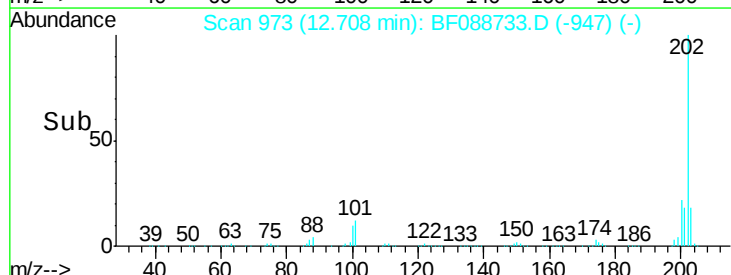
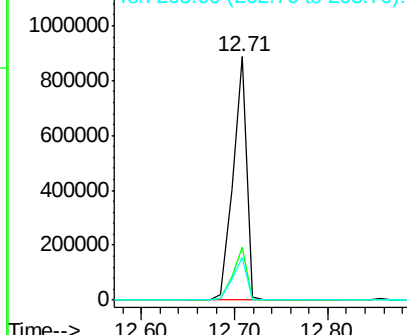
Lab File: BF088733.D

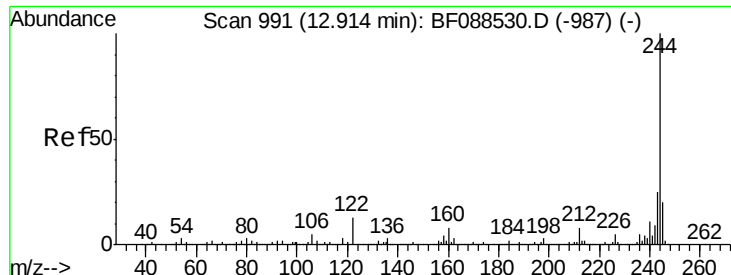
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	909414		
200	21.8	17.4	26.2	
203	17.7	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





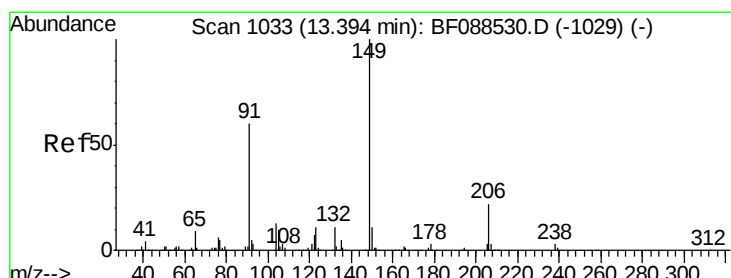
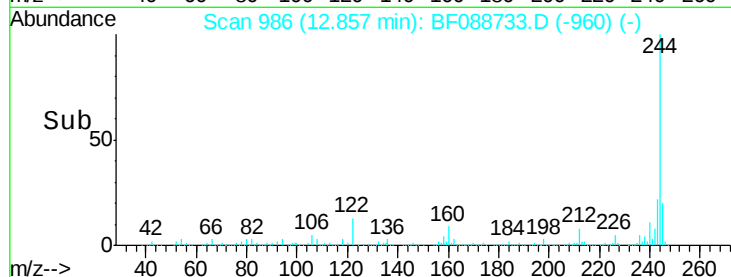
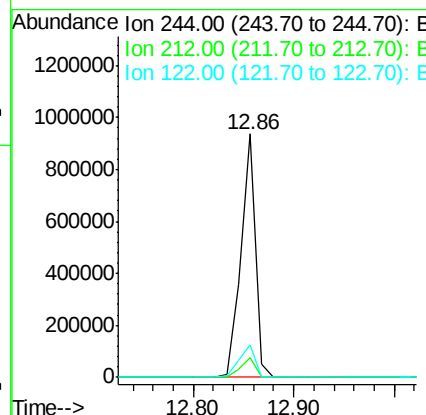
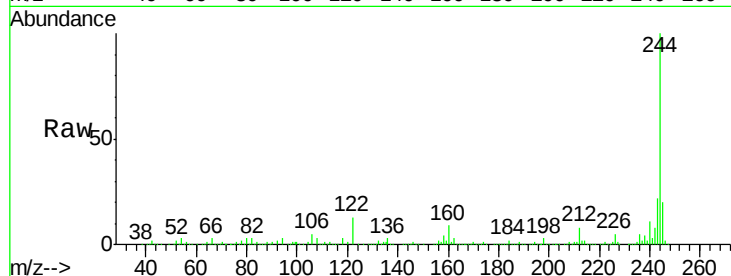
#78
 Terphenyl-d14
 Concen: 83.87 ng
 RT: 12.86 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	13.4	11.2	16.8

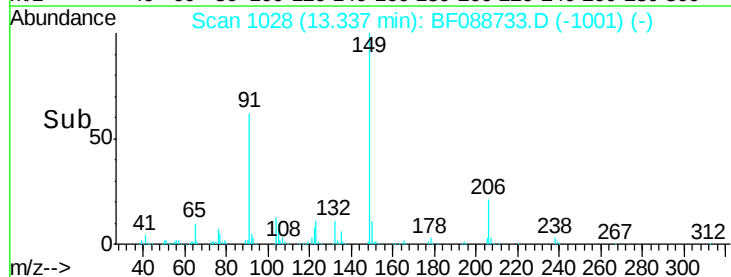
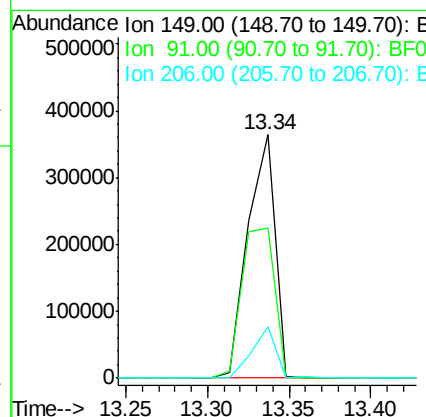
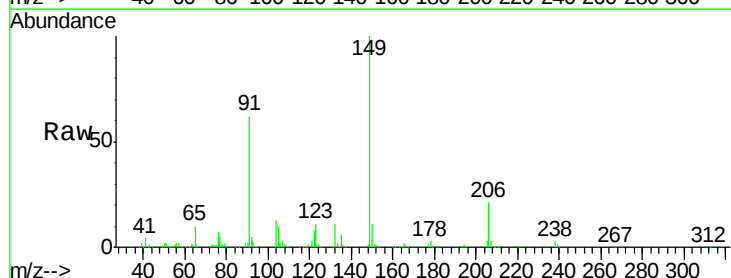
Manual Integrations
 APPROVED

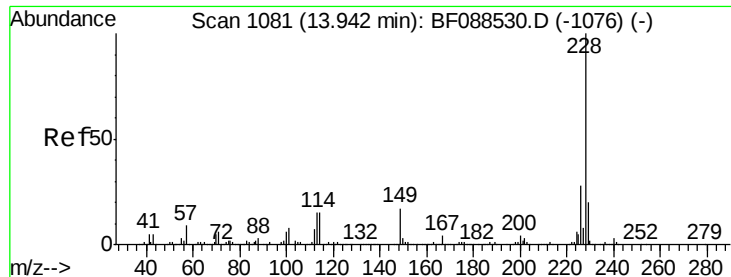
SOHIL
 7/7/2016 1:55:42 AM



#79
 Butylbenzylphthalate
 Concen: 44.62 ng
 RT: 13.34 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.7	48.0	72.0
206	21.0	16.0	24.0





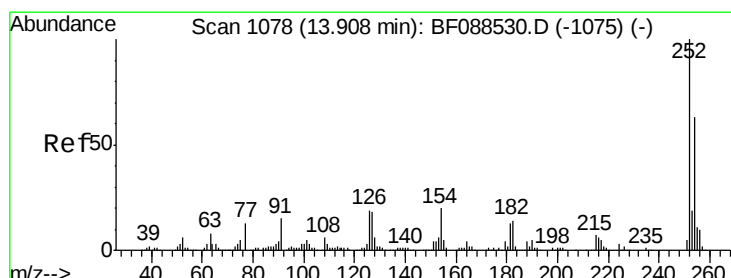
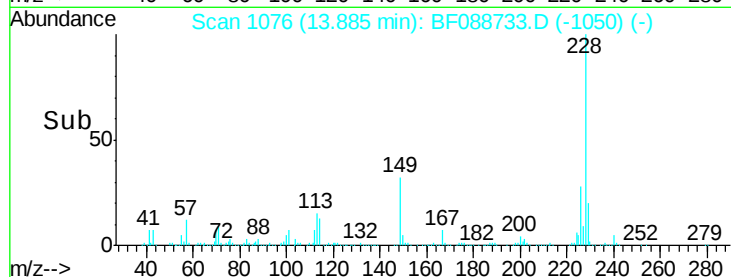
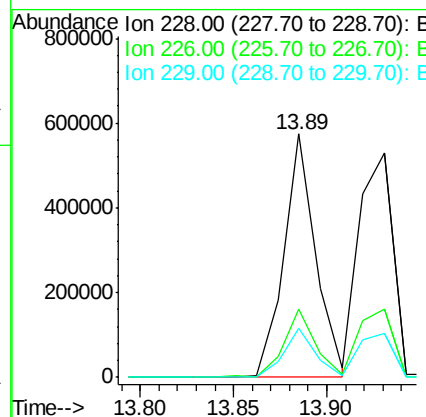
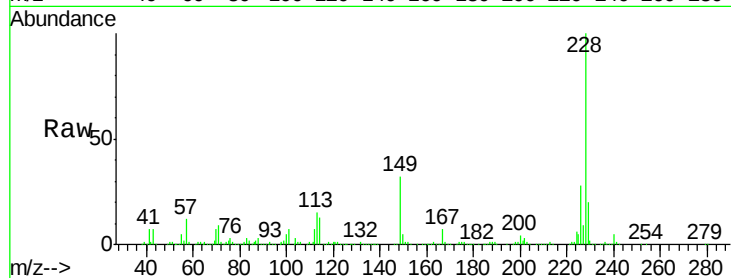
#80
Benzo(a)anthracene
Concen: 42.66 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	681015		
226	28.0		22.3	33.5
229	20.2		16.0	24.0

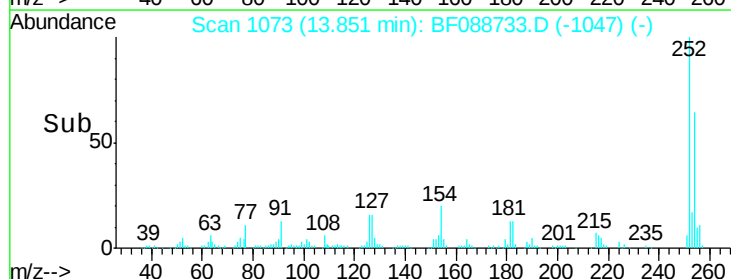
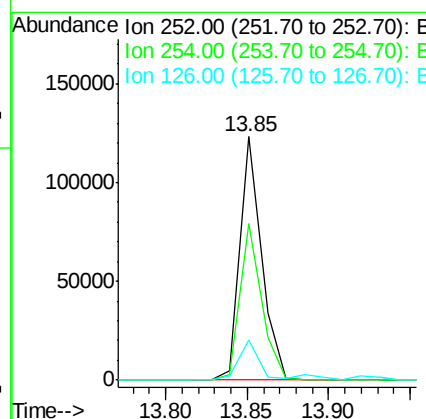
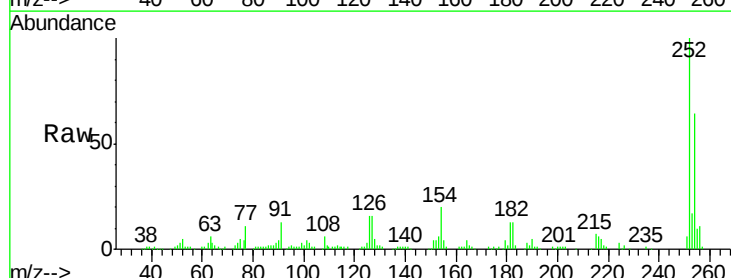
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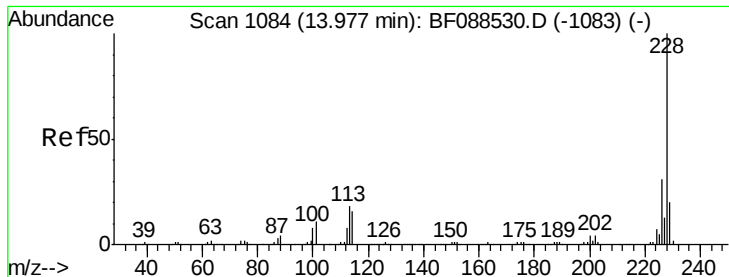
SOHIL
7/7/2016 1:55:42 AM



#81
3,3'-Dichlorobenzidine
Concen: 18.64 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	111868		
254	64.3		52.6	78.8
126	16.4		6.2	9.2#





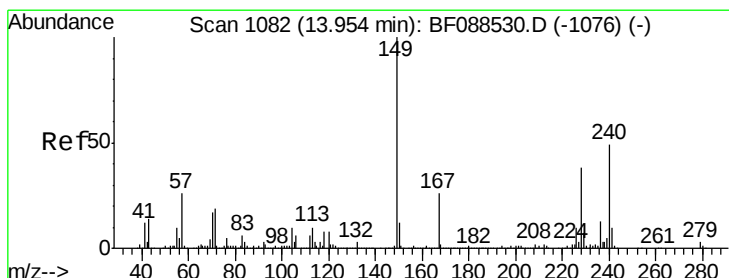
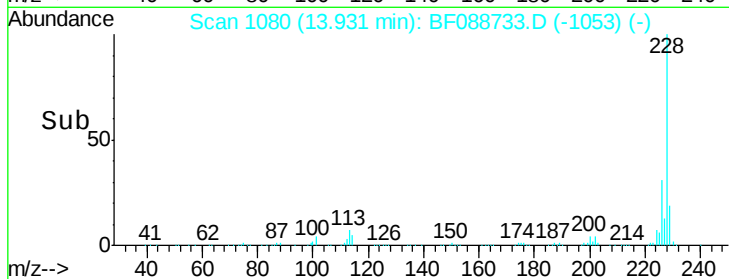
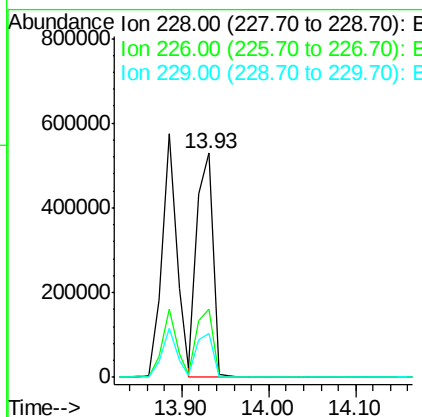
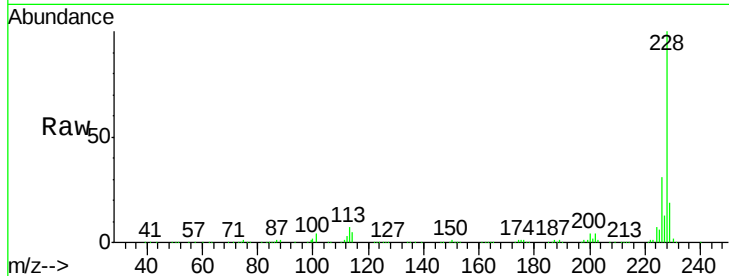
#82
Chrysene
 Concen: 42.43 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91761BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	670158		
226	30.7		25.4	38.2
229	19.5		16.3	24.5

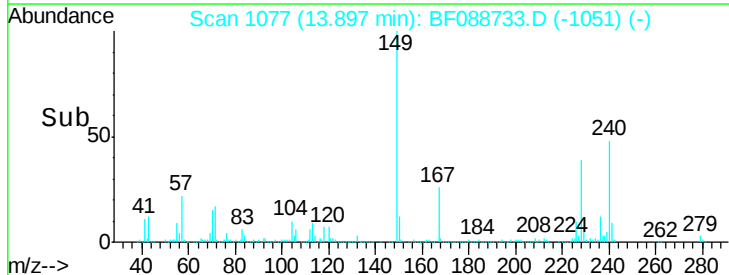
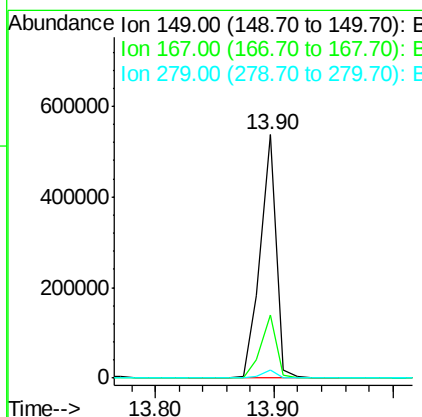
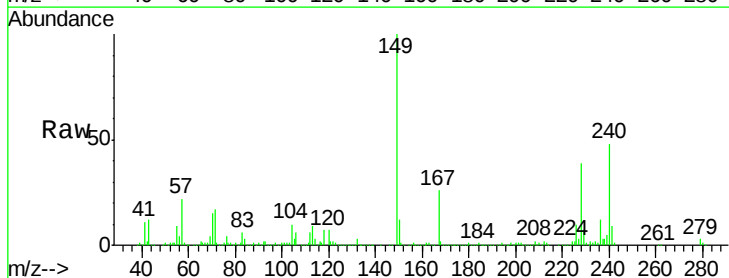
Manual Integrations
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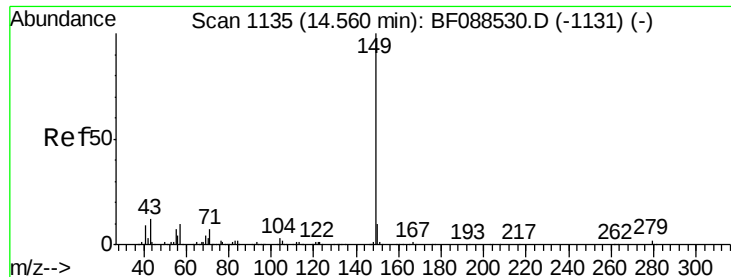
SOHIL
 7/7/2016 1:55:42 AM



#83
Bis(2-ethylhexyl)phthalate
 Concen: 47.69 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088733.D
 Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	510590		
167	26.0		20.5	30.7
279	3.4		2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 44.77 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Instrument :

BNA_F

ClientSampleId :

PB91761BS

Tgt Ion: 149 Resp: 814302

Ion Ratio Lower Upper

149 100

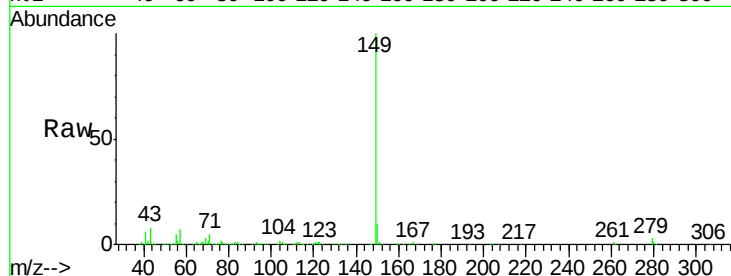
167 1.5 0.0 0.0#

43 9.2 0.0 0.0#

Manual Integrations
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SOHIL

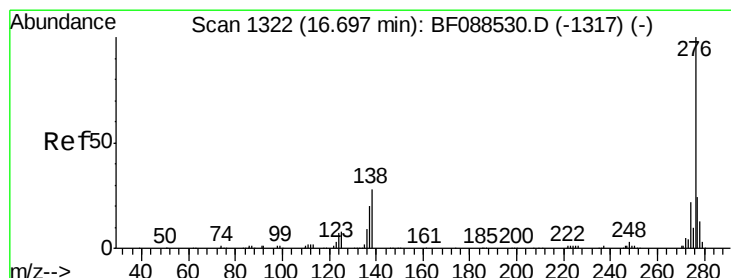
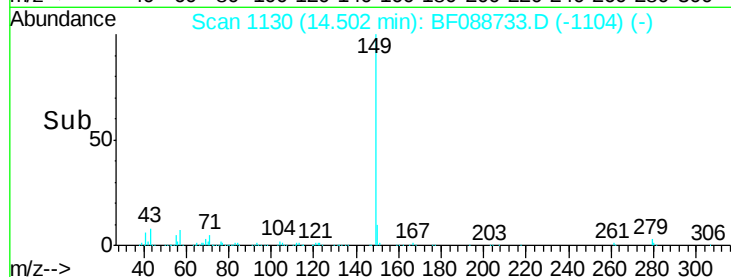
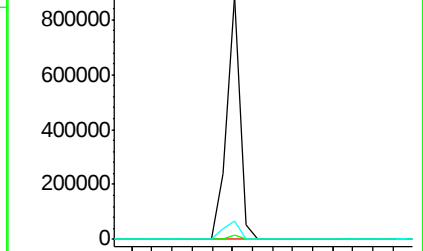
7/7/2016 1:55:42 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.08 ng

RT: 16.61 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF088733.D

Acq: 6 Jul 2016 12:27

Tgt Ion: 276 Resp: 511415

Ion Ratio Lower Upper

276 100

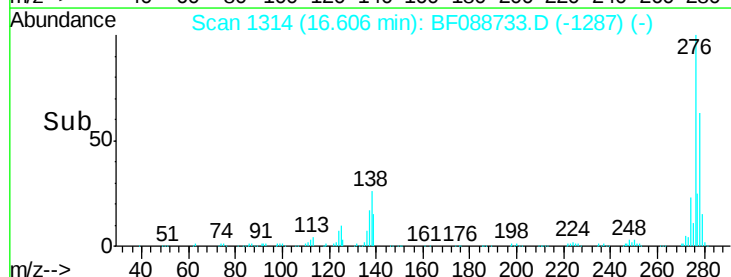
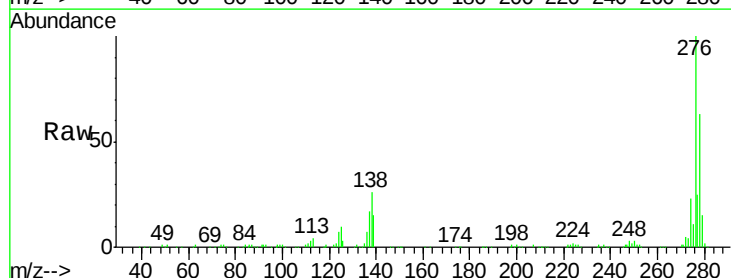
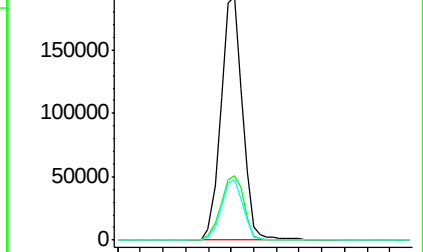
138 28.2 0.0 0.0#

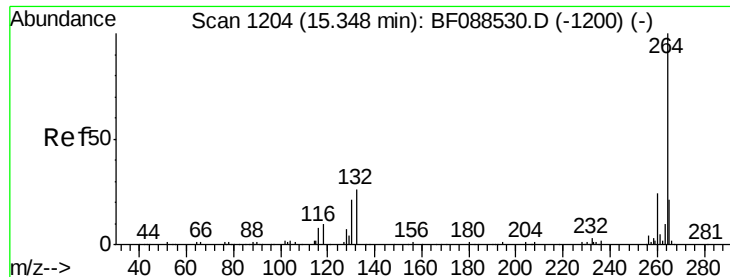
277 25.3 0.0 0.0#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





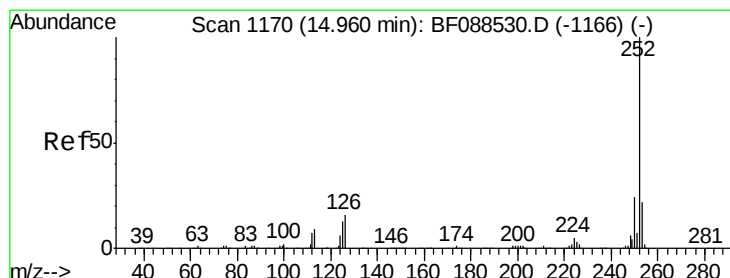
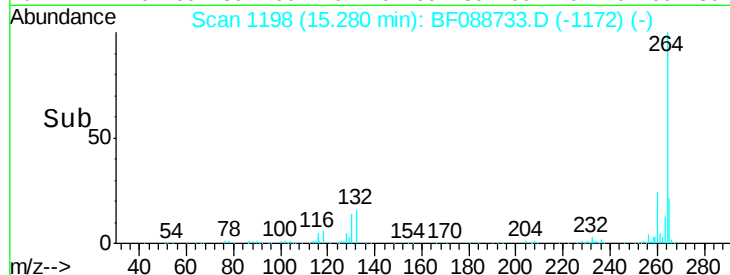
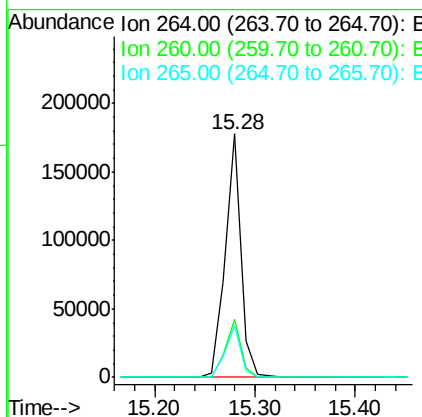
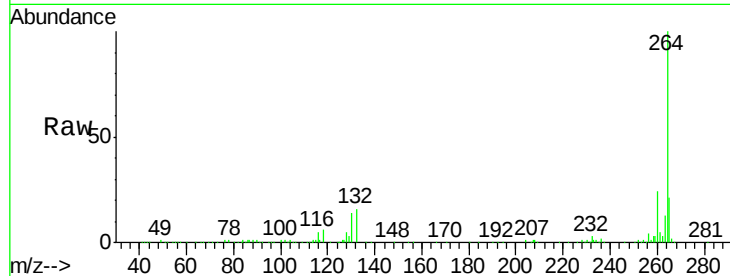
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	16.9	25.3

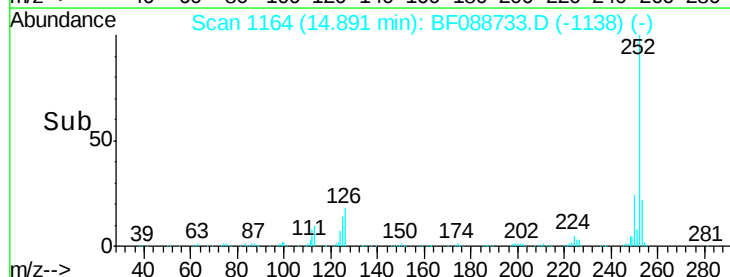
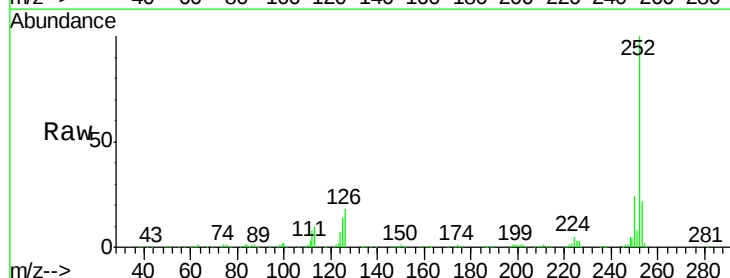
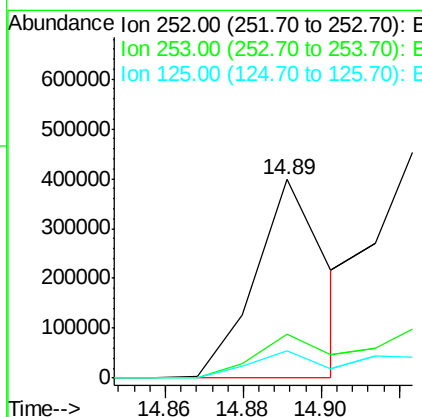
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7/7/2016 1:55:42 AM



#87
Benzo(b)fluoranthene
Concen: 41.79 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	13.7	7.1	10.7





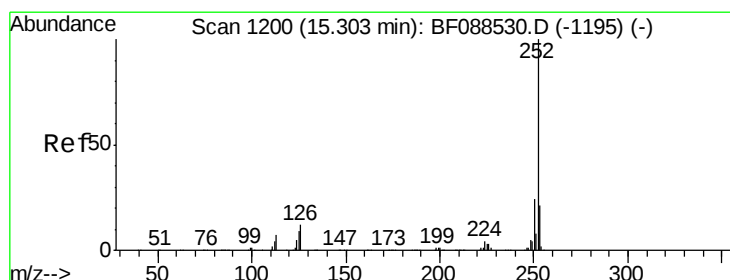
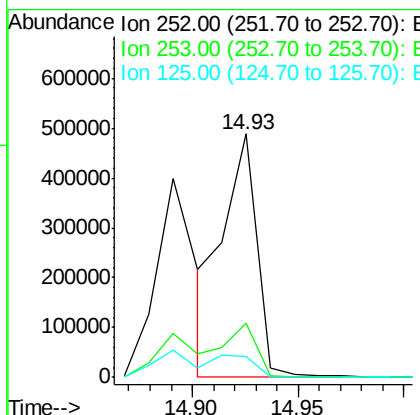
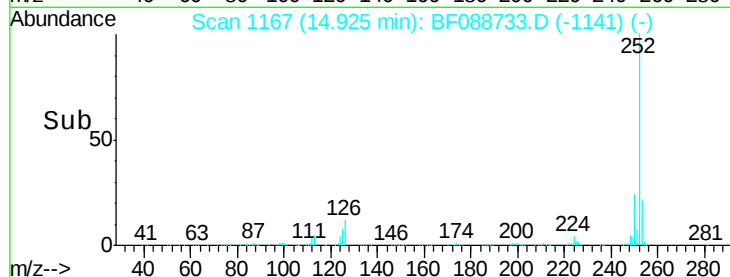
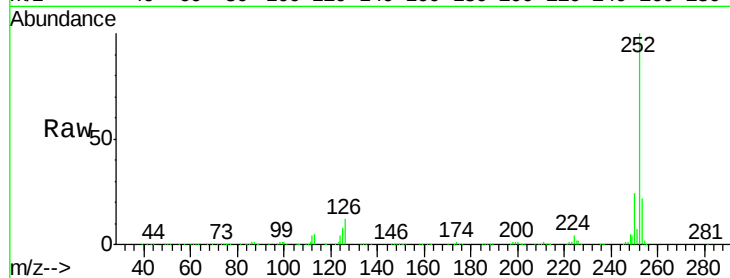
#88
Benzo(k)fluoranthene
Concen: 51.24 ng m
RT: 14.93 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.4	11.2	16.8

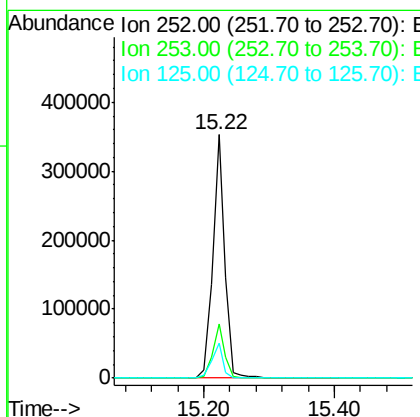
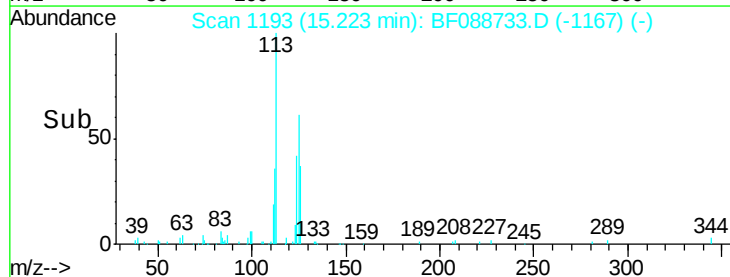
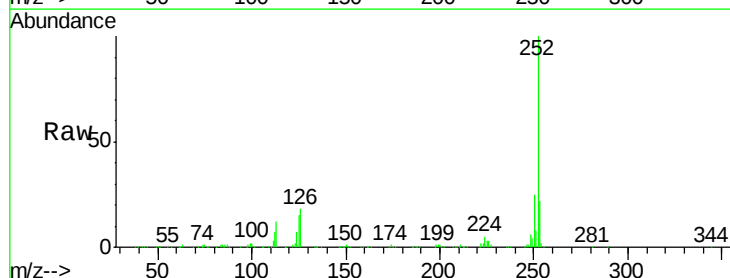
Manual Integrations
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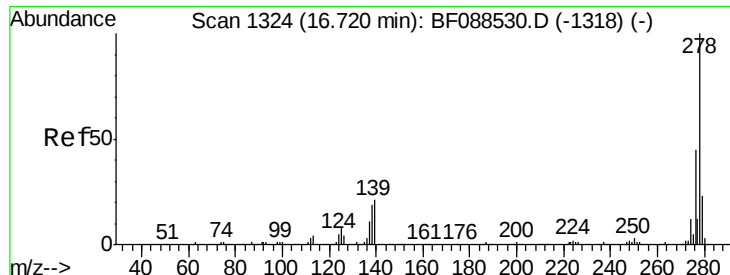
SOHIL
7/7/2016 1:55:42 AM



#89
Benzo(a)pyrene
Concen: 44.52 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	14.6	12.5	18.7





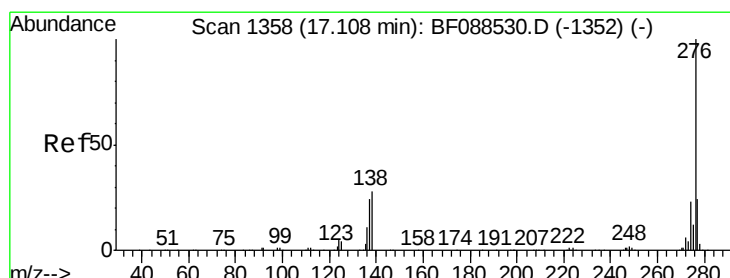
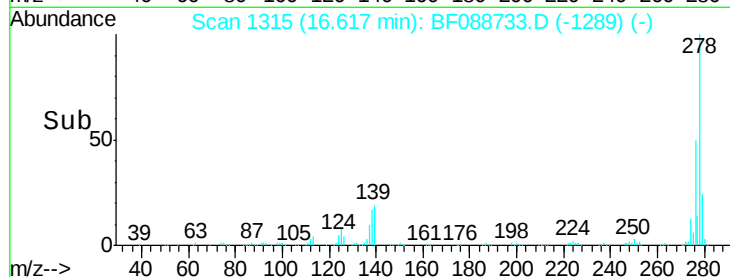
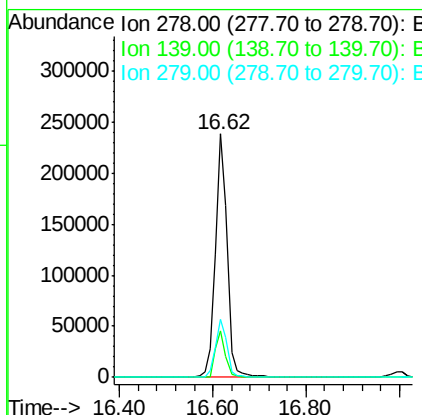
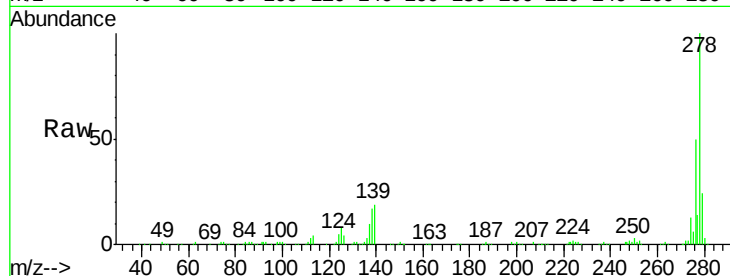
#90
Dibenzo(a,h)anthracene
Concen: 48.98 ng
RT: 16.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Instrument :
BNA_F
ClientSampleId :
PB91761BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.7	23.5
279	24.0	19.4	29.2

Manual Integrations
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SOHIL
7/7/2016 1:55:42 AM



#91
Benzo(g,h,i)perylene
Concen: 49.21 ng
RT: 17.01 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF088733.D
Acq: 6 Jul 2016 12:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.1	21.4	32.2

