

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090668.D
 Acq On : 20 Oct 2016 00:41
 Operator : UM/SJ
 Sample : PB94179BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:37:01 AM

Quant Time: Oct 20 02:22:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	239736	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1086742	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	524490	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	794818	20.00	ng	0.00
75) Chrysene-d12	14.06	240	525504	20.00	ng	0.00
86) Perylene-d12	15.50	264	453444	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1675653	128.14	ng	0.01
7) Phenol-d6	6.53	99	2250836	115.83	ng	0.00
23) Nitrobenzene-d5	7.46	82	1485023	75.91	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	498903	106.69	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2292322	72.01	ng	-0.01
78) Terphenyl-d14	13.00	244	1816256	80.47	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	249355	33.46	ng	97
3) Pyridine	3.30	79	701562	42.00	ng	94
4) n-Nitrosodimethylamine	3.25	42	293943	48.99	ng	94
6) Aniline	6.57	93	136873	5.83	ng	# 87
8) 2-Chlorophenol	6.68	128	732886	43.22	ng	83
9) Benzaldehyde	6.43	77	152220	12.32	ng	91
10) Phenol	6.54	94	824650	37.11	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	737872	40.24	ng	95
12) 1,3-Dichlorobenzene	6.83	146	705158	41.70	ng	99
13) 1,4-Dichlorobenzene	6.91	146	711904	38.71	ng	99
14) 1,2-Dichlorobenzene	7.06	146	690094	40.14	ng	99
15) Benzyl Alcohol	7.03	79	615226	46.48	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1108961	42.98	ng	92
17) 2-Methylphenol	7.15	107	571763	43.27	ng	99
18) Hexachloroethane	7.40	117	275566	37.91	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	581148	43.62	ng	# 94
20) 3+4-Methylphenols	7.31	107	722354	45.09	ng	# 74
22) Acetophenone	7.30	105	965391	40.21	ng	# 93
24) Nitrobenzene	7.47	77	758152	37.76	ng	98
25) Isophorone	7.72	82	1471706	41.33	ng	# 91
26) 2-Nitrophenol	7.79	139	325772	35.77	ng	99
27) 2,4-Dimethylphenol	7.83	122	645119	42.68	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	883265	42.01	ng	99
29) 2,4-Dichlorophenol	8.04	162	549022	41.47	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	592895	38.23	ng	99
31) Naphthalene	8.20	128	2057318	37.16	ng	99
32) Benzoic acid	7.95	122	209173	22.53	ng	97
33) 4-Chloroaniline	8.28	127	83655	3.95	ng	# 92
34) Hexachlorobutadiene	8.31	225	316272	36.51	ng	100
35) Caprolactam	8.62	113	120510	32.62	ng	98
36) 4-Chloro-3-methylphenol	8.74	107	605746	39.65	ng	# 83
37) 2-Methylnaphthalene	8.89	142	1191928	36.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	595061	42.79	ng	99
40) Hexachlorocyclopentadiene	9.05	237	375931	55.34	ng	99

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Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

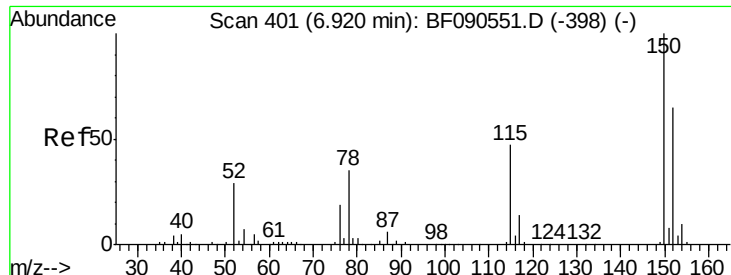
Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:37:01 AM

Quant Time: Oct 20 02:22:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	374704	47.77	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	375348	40.11	nq #	89
45) 1,1'-Biphenyl	9.35	154	1529949	38.33	nq	99
46) 2-Chloronaphthalene	9.38	162	1157432	38.89	nq	99
47) 2-Nitroaniline	9.48	65	427177	39.59	nq	94
48) Acenaphthylene	9.80	152	1853158	39.11	nq	99
49) Dimethylphthalate	9.66	163	1440310	42.33	nq #	98
50) 2,6-Dinitrotoluene	9.72	165	310673	41.72	nq #	84
51) Acenaphthene	9.97	154	1199651	38.09	nq	99
52) 3-Nitroaniline	9.89	138	108739	11.64	nq	99
53) 2,4-Dinitrophenol	9.99	184	54730	18.25	nq	88
54) Dibenzofuran	10.14	168	1679876	40.54	nq	100
55) 4-Nitrophenol	10.06	139	375759	66.82	nq #	82
56) 2,4-Dinitrotoluene	10.12	165	369043	36.49	nq #	80
57) Fluorene	10.49	166	1350853	39.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	278306	35.71	nq	96
59) Diethylphthalate	10.36	149	1499122	43.44	nq #	95
60) 4-Chlorophenyl-phenylether	10.47	204	648742	40.27	nq	99
61) 4-Nitroaniline	10.51	138	235798	25.17	nq	94
62) Azobenzene	10.63	77	1657419	41.52	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	49615	10.31	nq	88
65) n-Nitrosodiphenylamine	10.60	169	1058668	40.32	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	358634	42.05	nq	99
67) Hexachlorobenzene	11.03	284	400511	43.25	nq #	65
68) Atrazine	11.13	200	277744	38.25	nq	92
69) Pentachlorophenol	11.23	266	342711	74.68	nq	98
70) Phenanthrene	11.45	178	1728732	40.74	nq	99
71) Anthracene	11.49	178	1665981	36.48	nq	99
72) Carbazole	11.65	167	1496761	36.62	nq	99
73) Di-n-butylphthalate	11.98	149	2093796	43.72	nq	99
74) Fluoranthene	12.64	202	1481649	34.72	nq	98
76) Benzidine	12.76	184	76823	5.88	nq	98
77) Pyrene	12.86	202	1415049	40.66	nq	99
79) Butylbenzylphthalate	13.48	149	596773	38.70	nq	93
80) Benzo(a)anthracene	14.05	228	1170179	39.12	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	146787	14.36	nq #	94
82) Chrysene	14.09	228	1266276	43.93	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	1022448	49.15	nq	99
84) Di-n-octyl phthalate	14.65	149	1489994	53.42	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	1122550	67.35	nq	99
87) Benzo(b)fluoranthene	15.09	252	1140088	38.42	nq #	96
88) Benzo(k)fluoranthene	15.12	252	1047289m	32.80	nq	
89) Benzo(a)pyrene	15.45	252	1043730	38.42	nq	99
90) Dibenzo(a,h)anthracene	16.97	278	971935	46.92	nq #	95
91) Benzo(g,h,i)perylene	17.38	276	857389	43.40	nq	98

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



#1

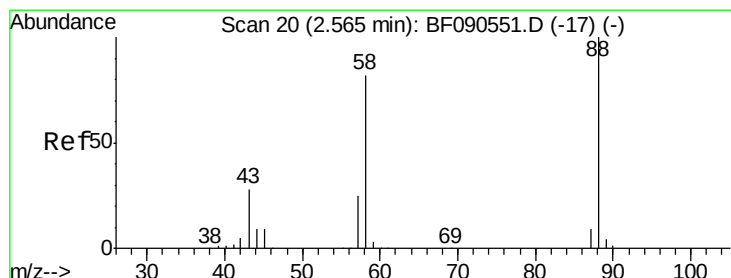
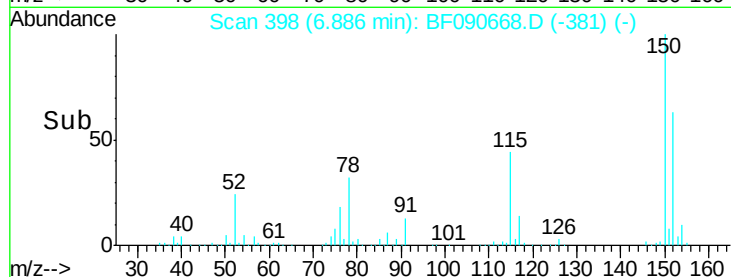
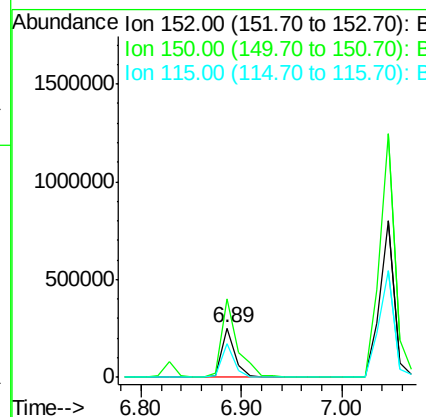
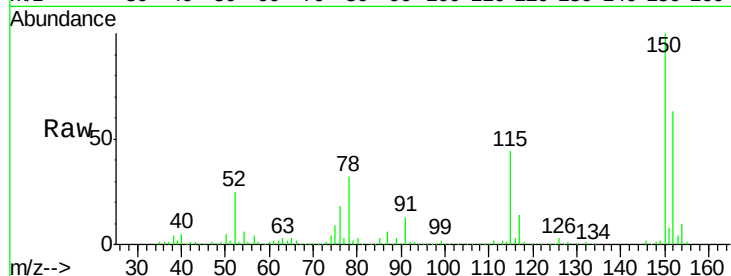
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.2	190.8
115	68.7	58.6	88.0

Manual Integrations
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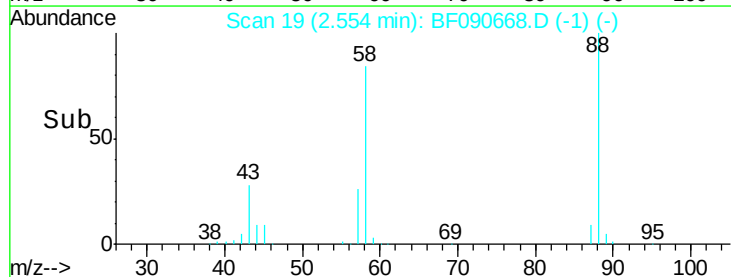
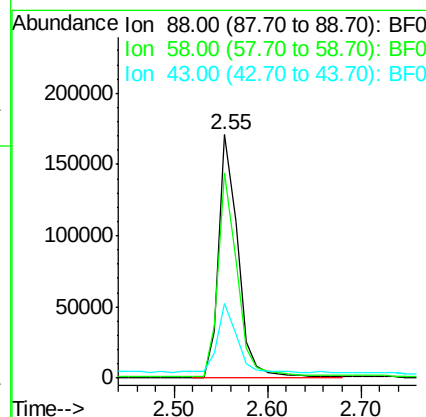
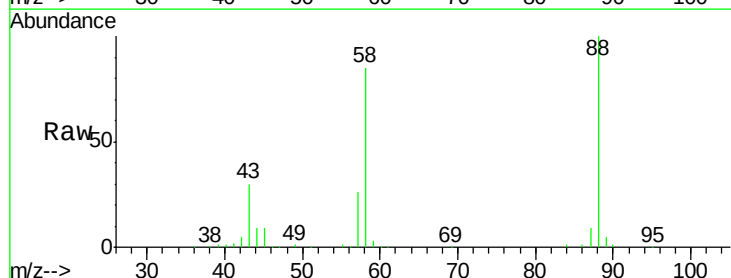
Sohil
10/20/2016 10:37:01 AM

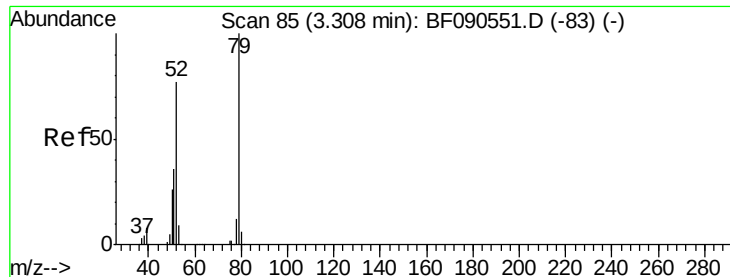


#2

1,4-Dioxane
Concen: 33.46 ng
RT: 2.55 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	67.2	100.8
43	29.0	24.1	36.1





#3

Pvridine

Concen: 42.00 ng

RT: 3.30 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

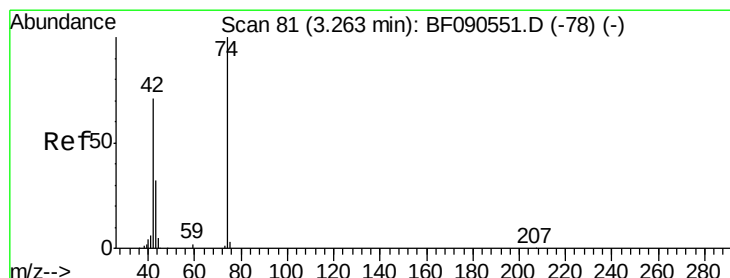
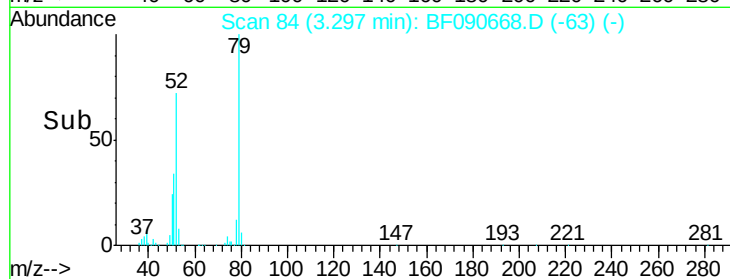
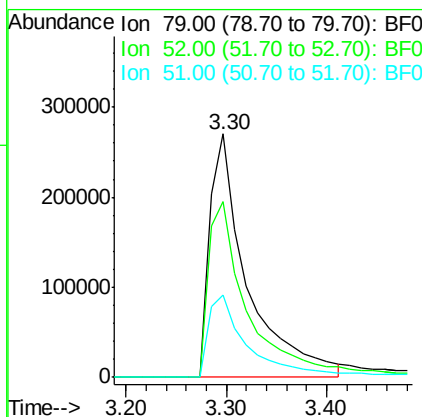
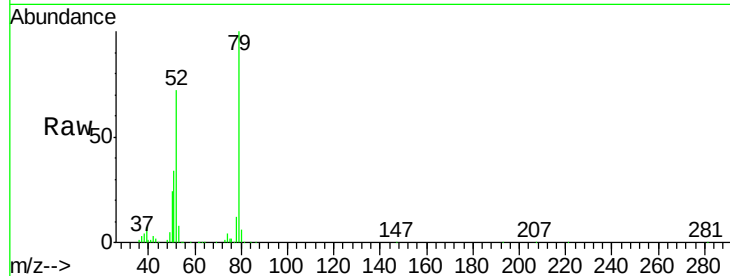
ClientSampleId :

PB94179BS

Tot Ion:	79	Resp:	701562
Ion	Ratio	Lower	Upper
79	100		
52	72.0	61.8	92.8
51	34.0	29.2	43.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.99 ng

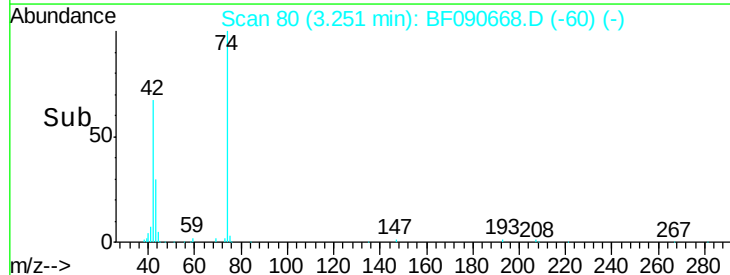
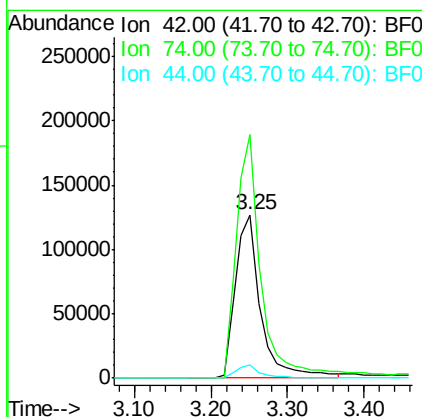
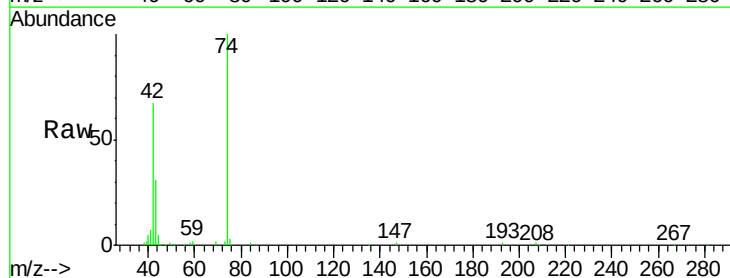
RT: 3.25 min Scan# 80

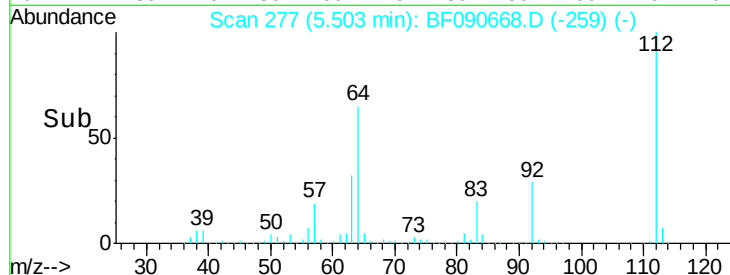
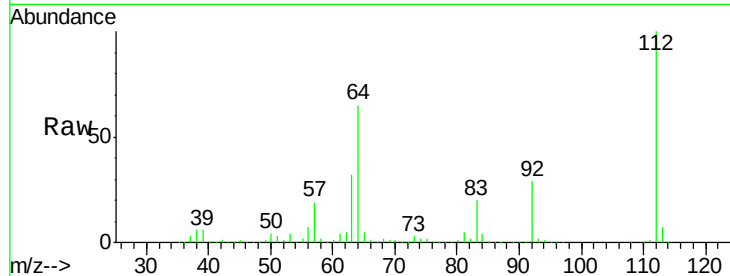
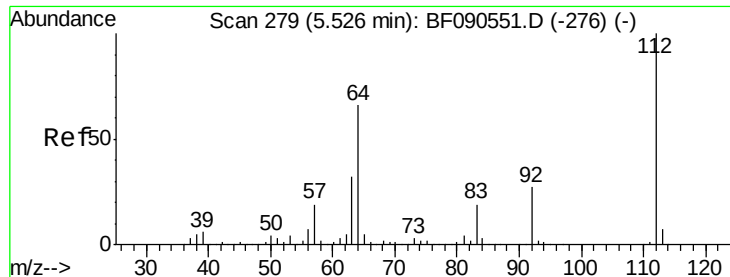
Delta R.T. 0.03 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:	42	Resp:	293943
Ion	Ratio	Lower	Upper
42	100		
74	149.0	113.3	169.9
44	7.7	6.0	9.0





#5

2-Fluorophenol

Concen: 128.14 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tot Ion:	112	Resp:	1675653
Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.6	78.8
63	32.4	26.0	39.0

Instrument :

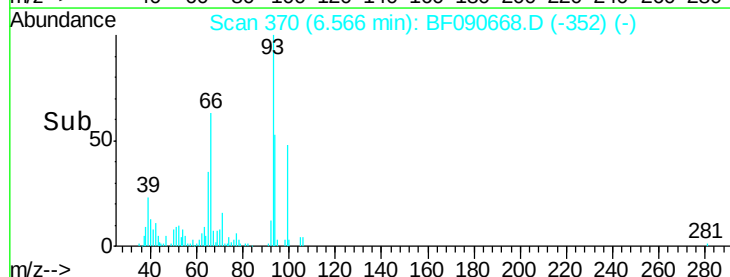
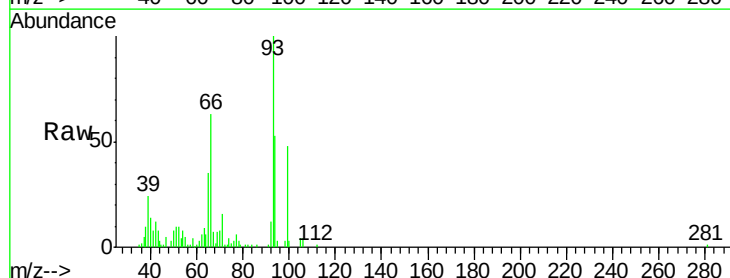
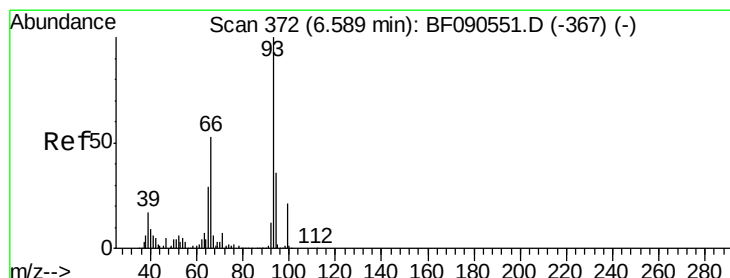
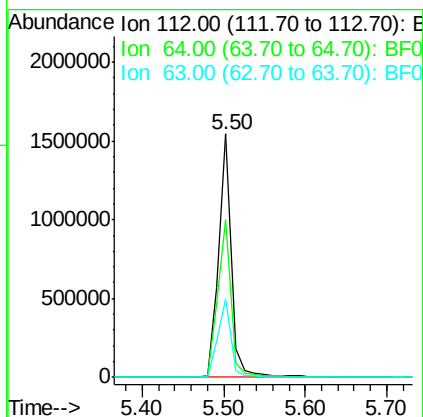
BNA_F

ClientSampleId :

PB94179BS

Manual Integrations
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10/20/2016 10:37:01 AM



#6

Aniline

Concen: 5.83 ng

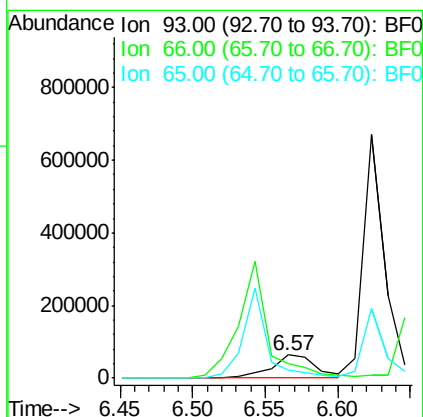
RT: 6.57 min Scan# 370

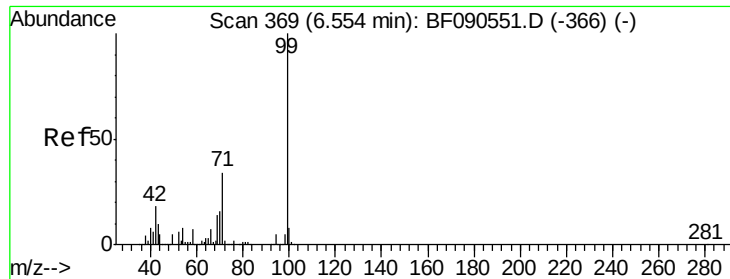
Delta R.T. 0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:	93	Resp:	136873
Ion	Ratio	Lower	Upper
93	100		
66	62.7	42.2	63.2
65	35.1	22.9	34.3





#7

Phenol-d6

Concen: 115.83 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion: 99 Resp: 2250836

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

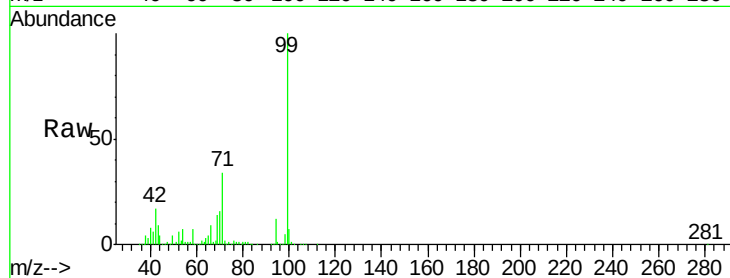
71 34.2 27.6 41.4

Manual Integrations

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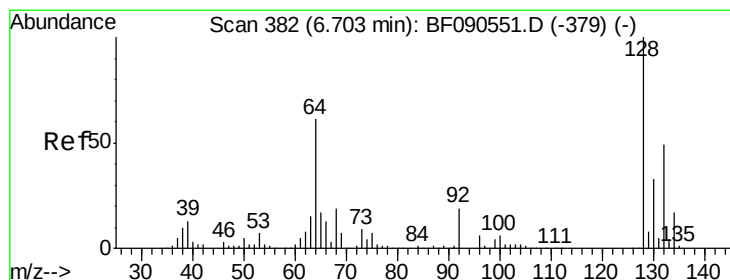
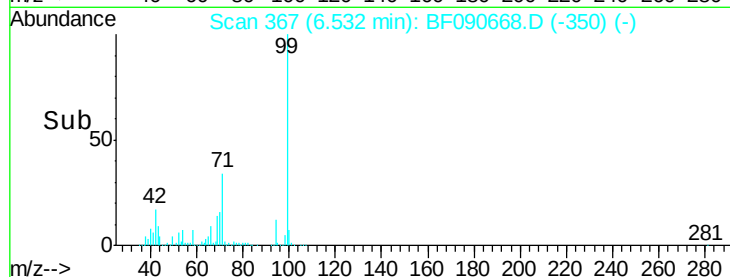
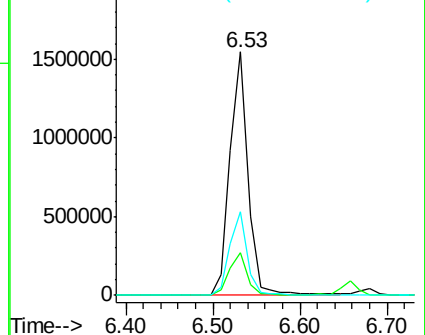
10/20/2016 10:37:01 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.22 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

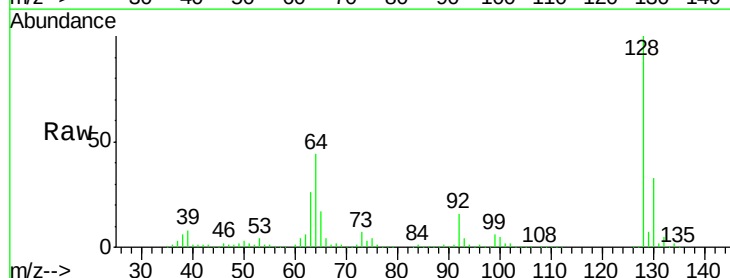
Tgt Ion: 128 Resp: 732886

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

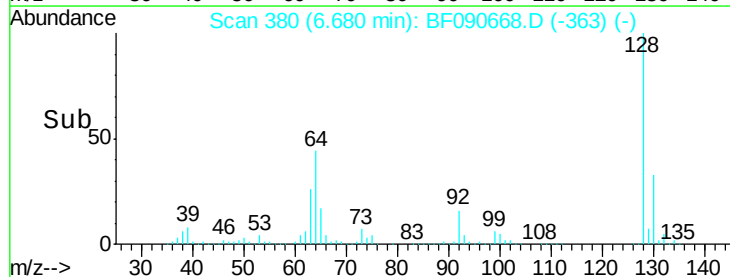
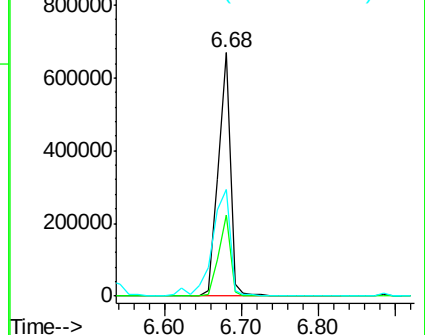
64 43.7 42.6 82.6

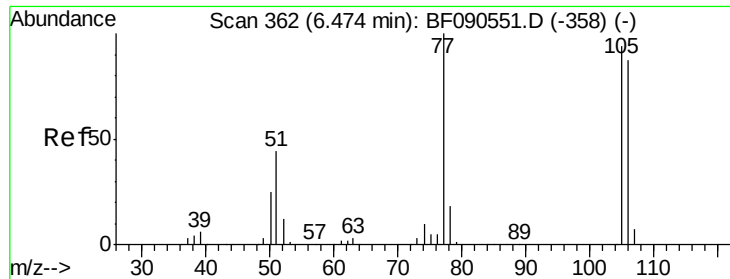


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





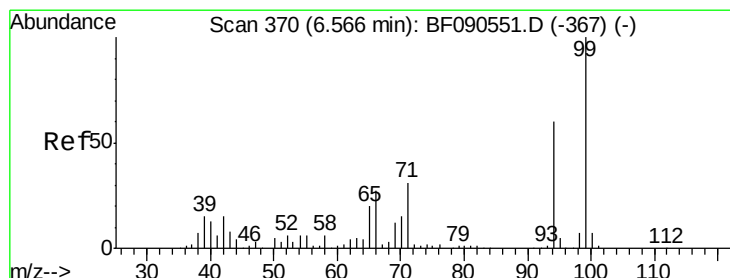
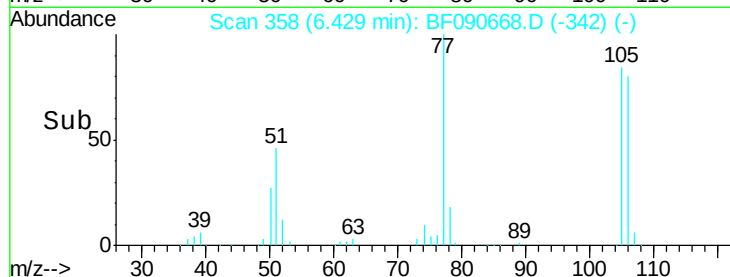
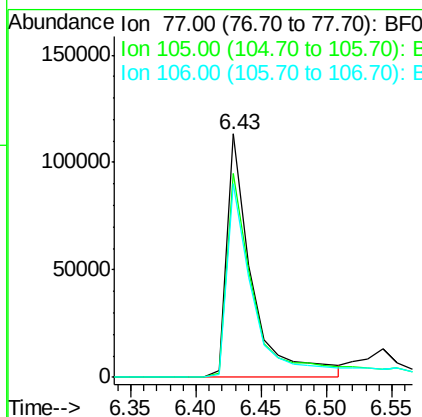
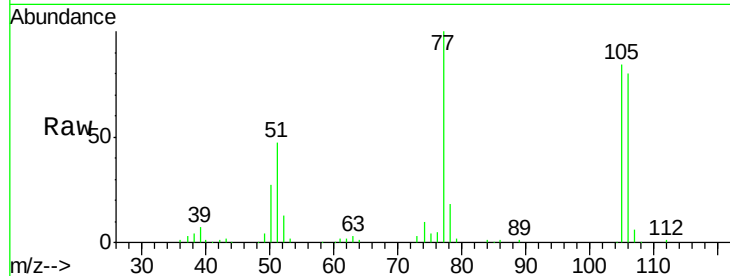
#9
Benzaldehyde
Concen: 12.32 ng
RT: 6.43 min Scan# 358
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.0	74.3	114.3
106	79.6	67.2	107.2

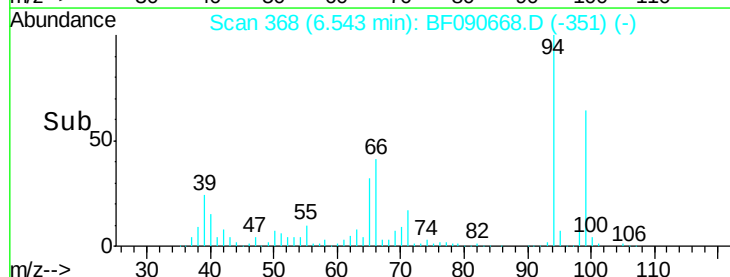
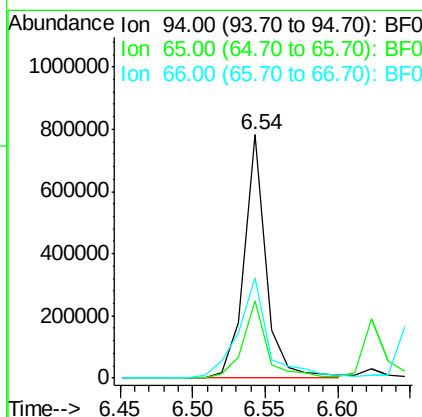
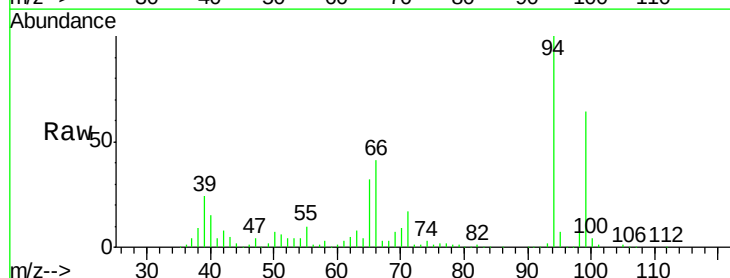
Manual Integrations
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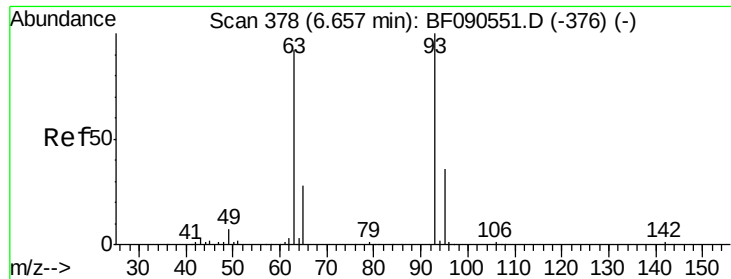
Sohil
10/20/2016 10:37:01 AM



#10
Phenol
Concen: 37.11 ng
RT: 6.54 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	12.5	52.5
66	41.3	25.5	65.5





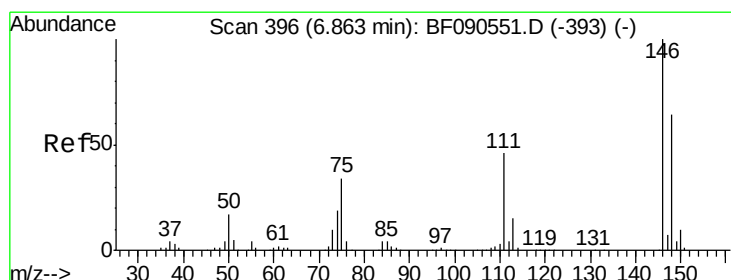
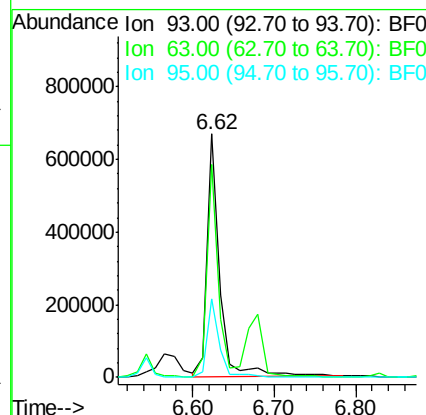
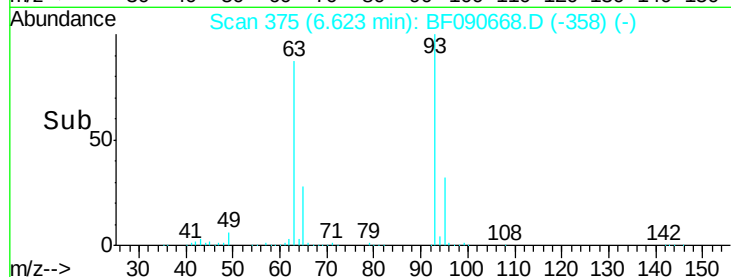
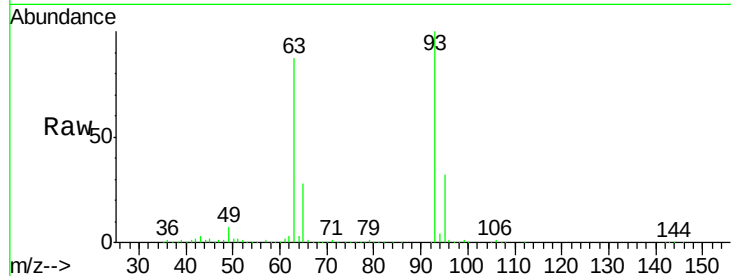
#11
bis(2-Chloroethyl)ether
Concen: 40.24 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.4	61.6	101.6
95	32.4	11.8	51.8

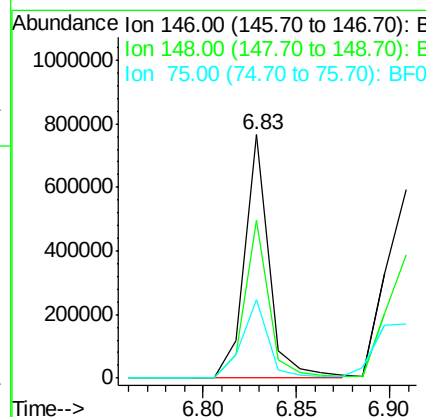
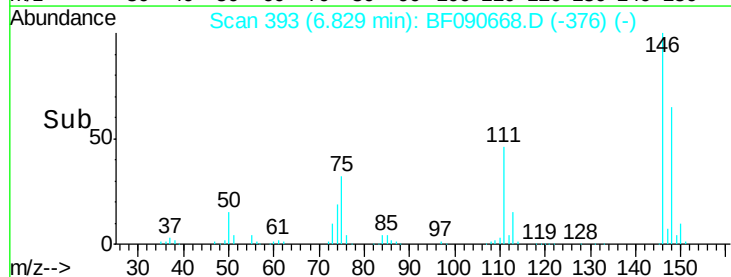
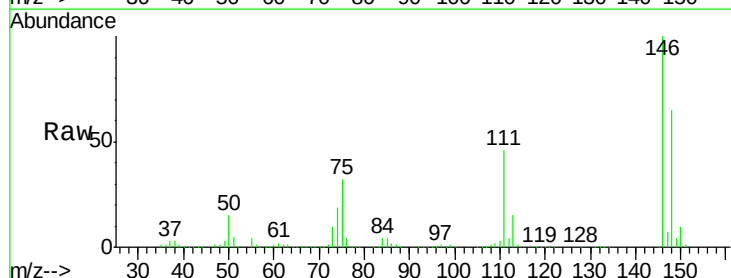
Manual Integrations
APPROVED

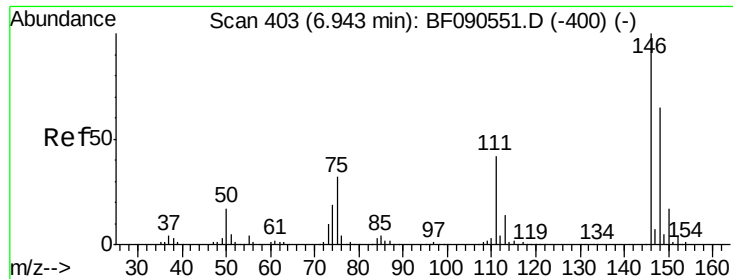
Sohil
10/20/2016 10:37:01 AM



#12
1,3-Dichlorobenzene
Concen: 41.70 ng
RT: 6.83 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	32.4	27.0	40.6





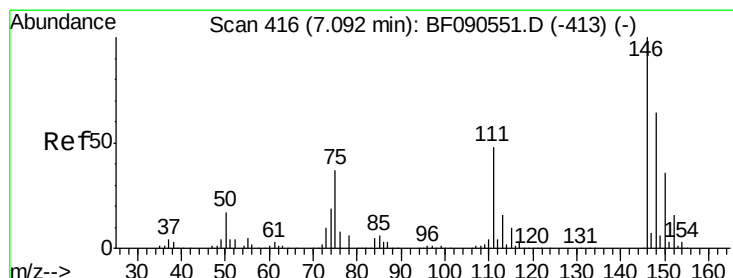
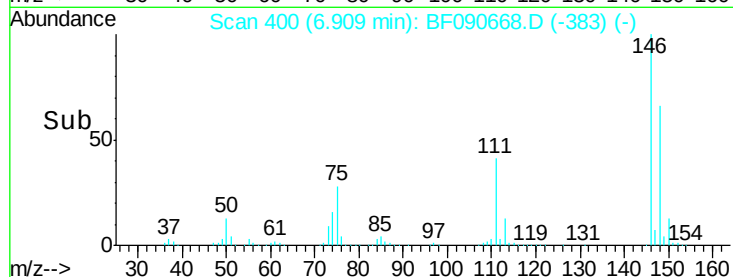
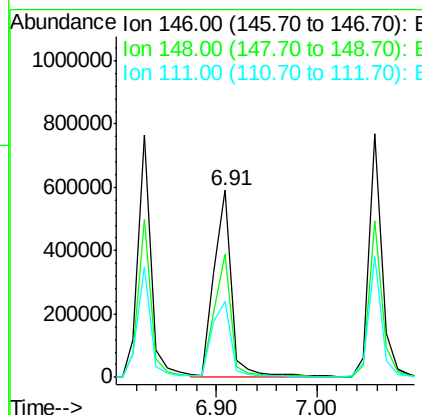
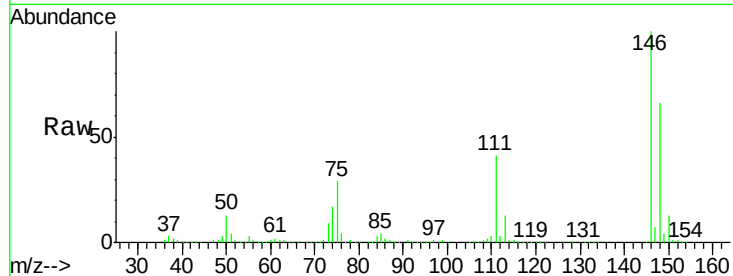
#13
 1,4-Dichlorobenzene
 Concen: 38.71 ng
 RT: 6.91 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampled :
 PB94179BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	40.5	33.7	50.5

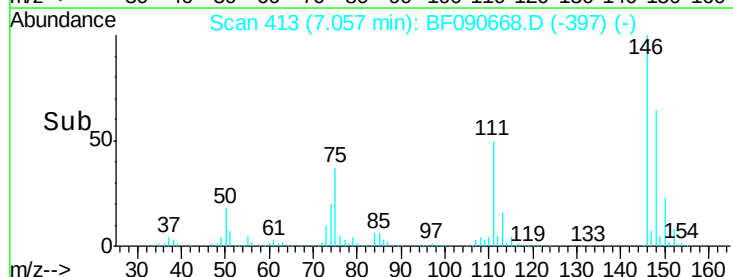
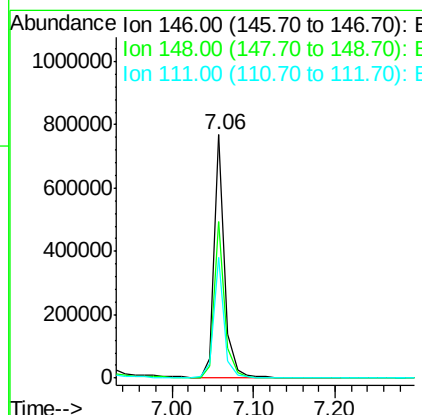
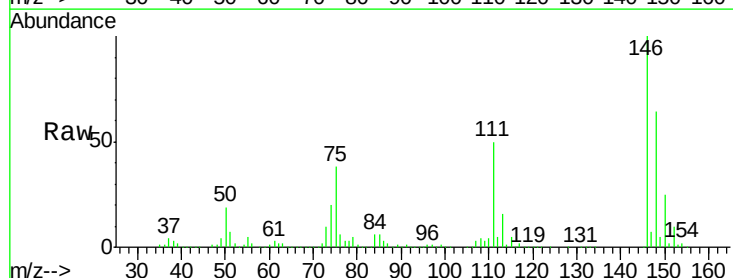
Manual Integrations
 APPROVED

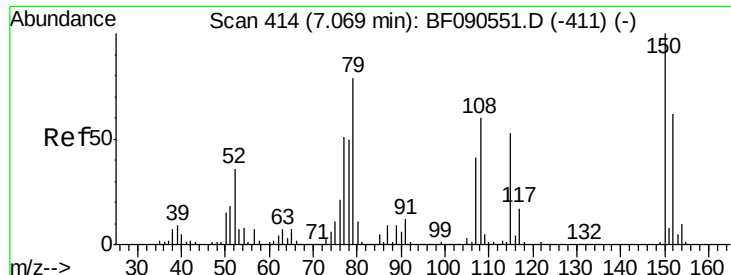
Sohil
 10/20/2016 10:37:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.14 ng
 RT: 7.06 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	49.7	38.2	57.2





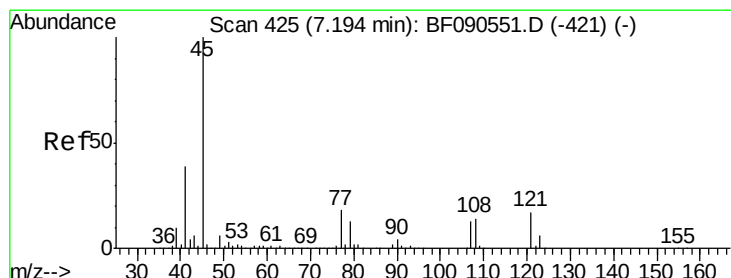
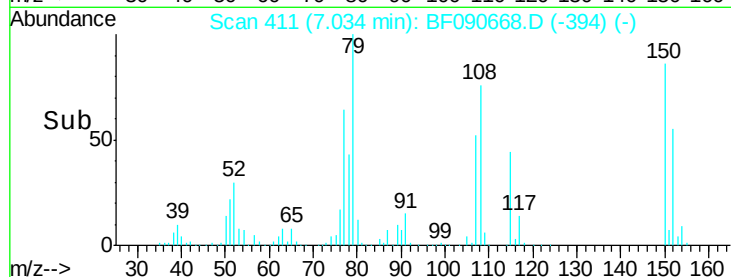
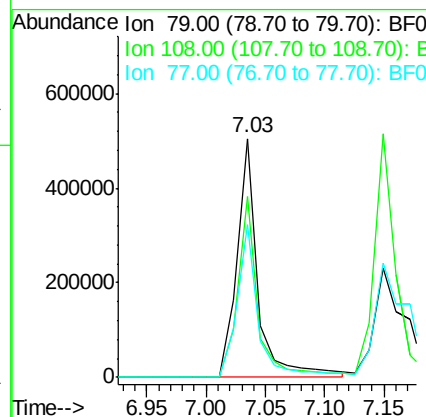
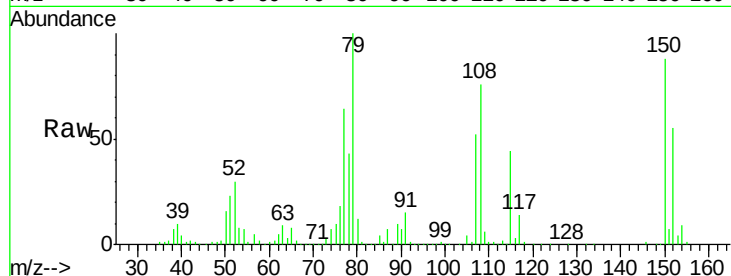
#15
Benzyl Alcohol
Concen: 46.48 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampled :
PB94179BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.2	90.4
77	64.0	52.0	78.0

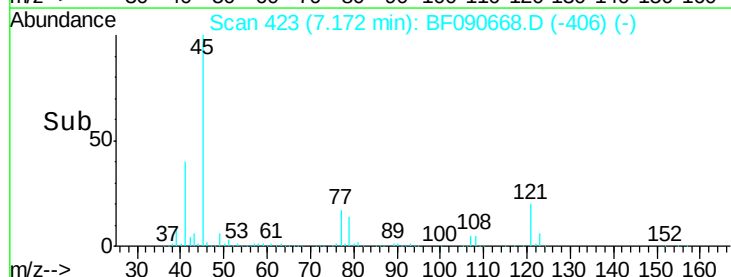
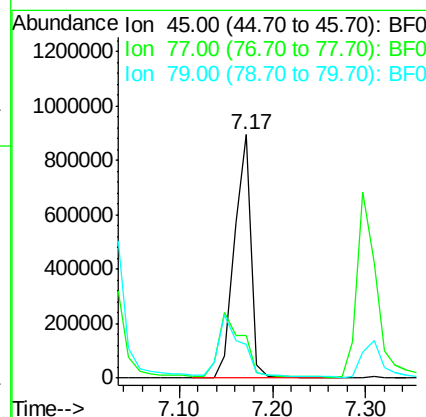
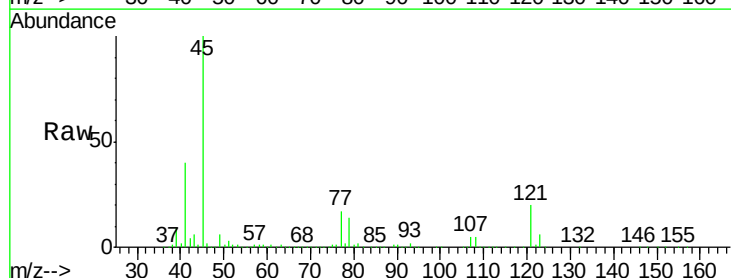
Manual Integrations
APPROVED

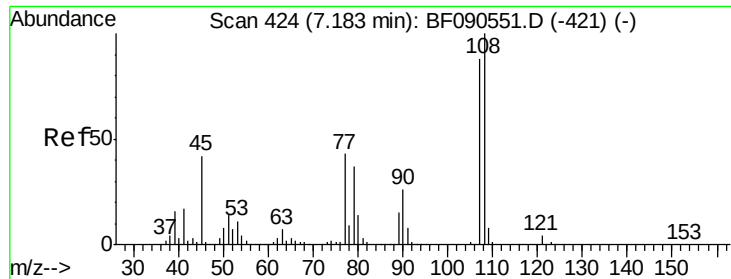
Sohil
10/20/2016 10:37:01 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.98 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.9	40.9
79	13.8	0.0	37.3





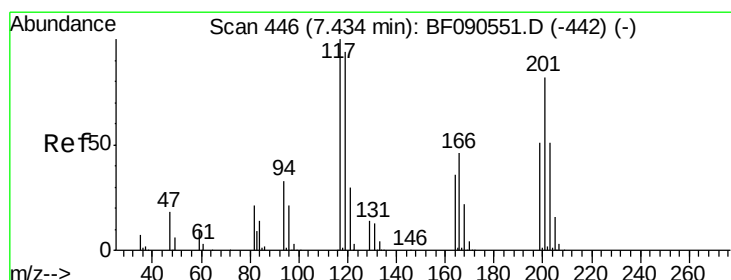
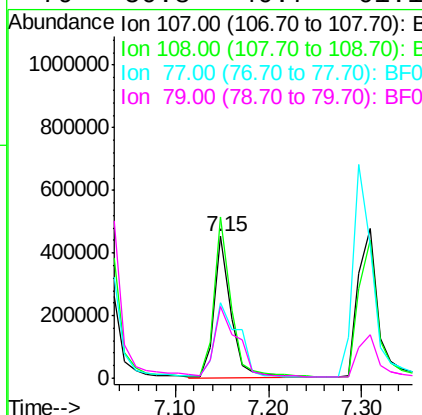
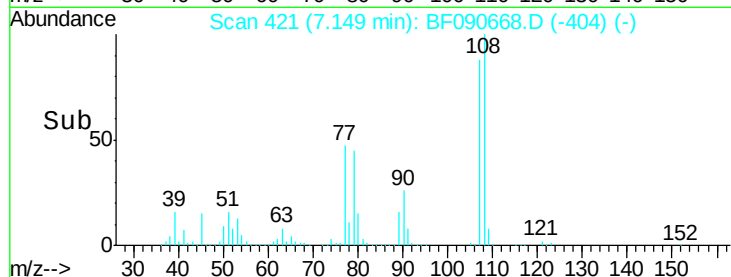
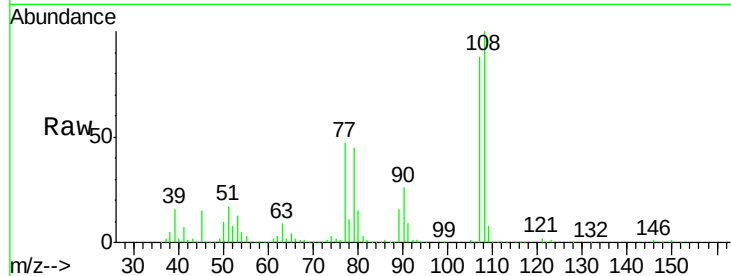
#17
2-Methylphenol
Concen: 43.27 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	92.6	138.8	
77	53.4	42.2	63.2	
79	50.8	40.7	61.1	

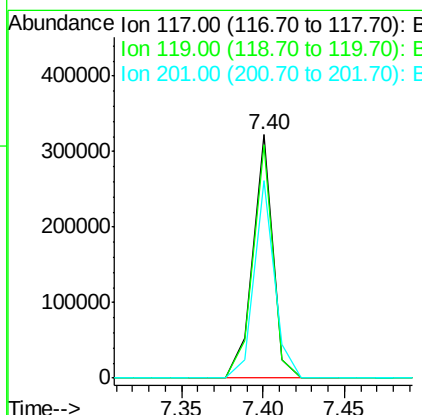
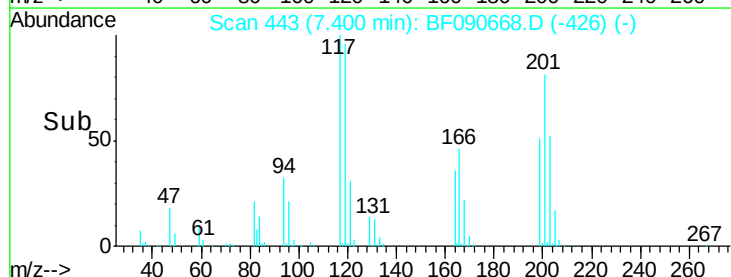
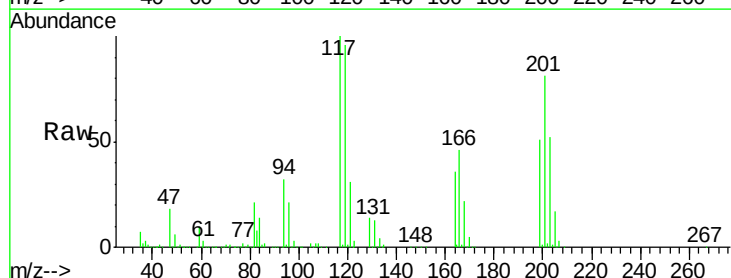
Manual Integrations
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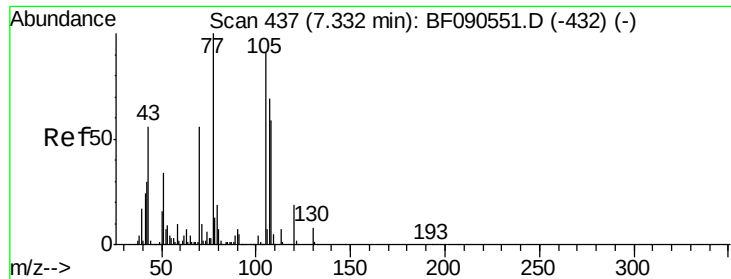
Sohil
10/20/2016 10:37:01 AM



#18
Hexachloroethane
Concen: 37.91 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.6	113.4	
201	80.9	65.4	98.0	





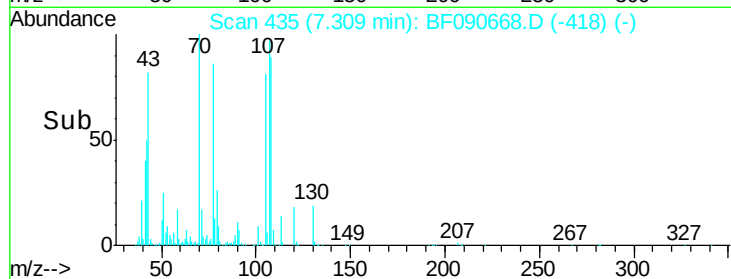
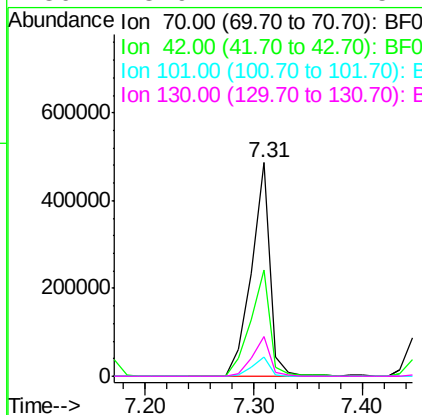
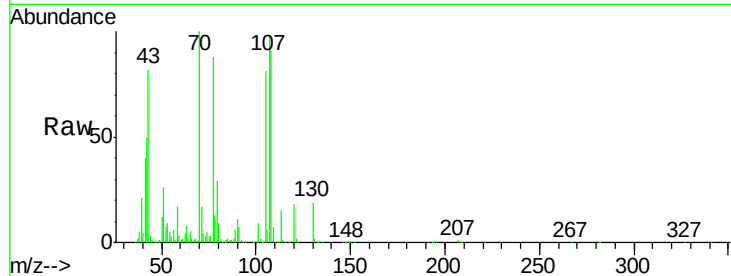
#19
n-Nitroso-di-n-propylamine
Concen: 43.62 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.8	43.4	65.0
101	8.8	6.4	9.6
130	18.9	12.1	18.1#

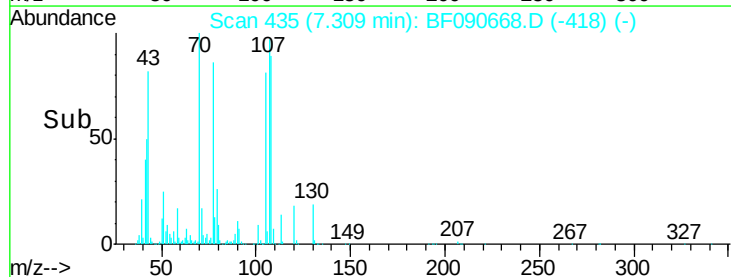
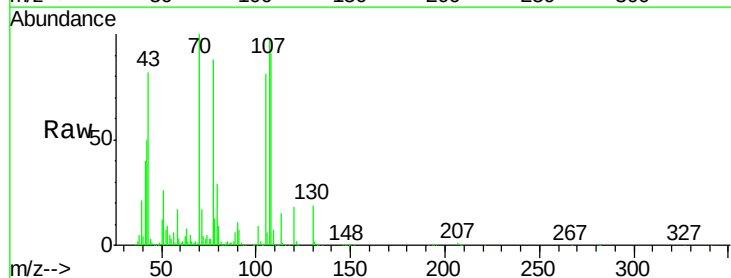
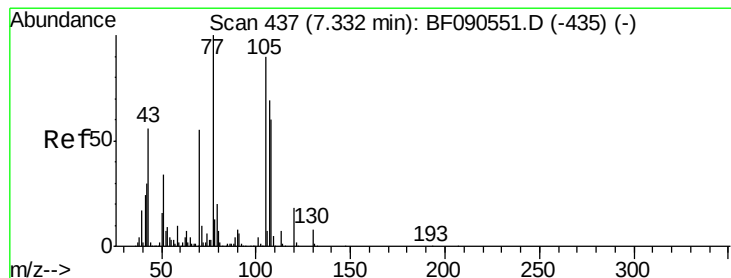
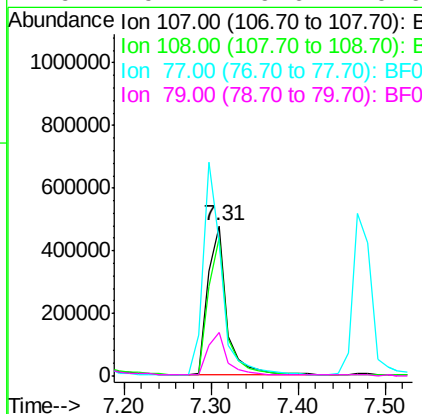
Manual Integrations
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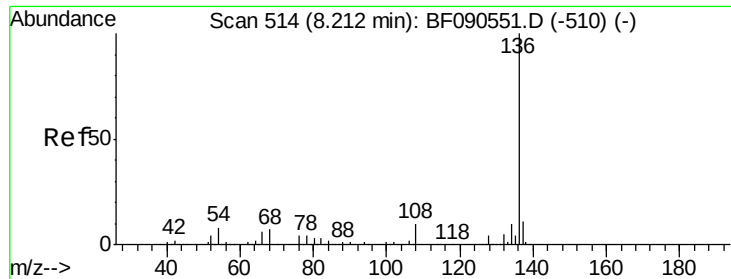
Sohil
10/20/2016 10:37:01 AM



#20
3+4-Methylphenols
Concen: 45.09 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	67.7	107.7
77	89.0	123.1	163.1#
79	29.2	9.6	49.6





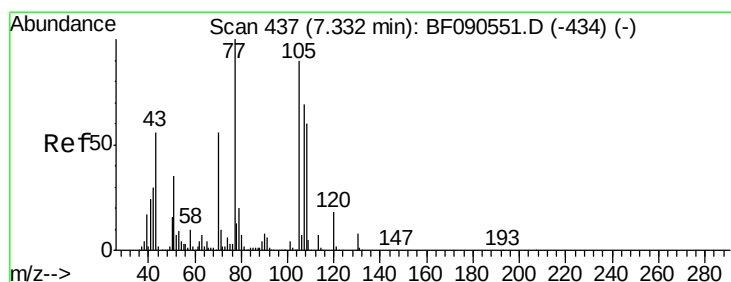
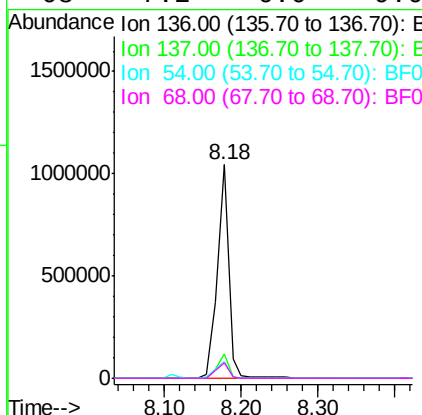
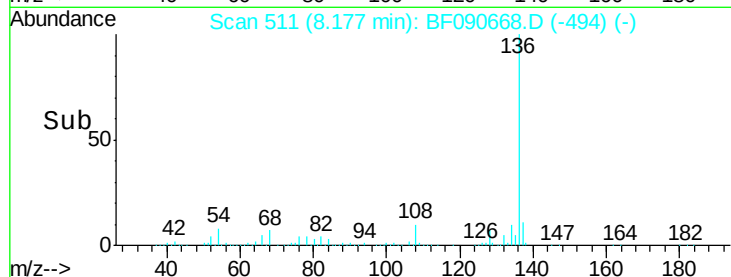
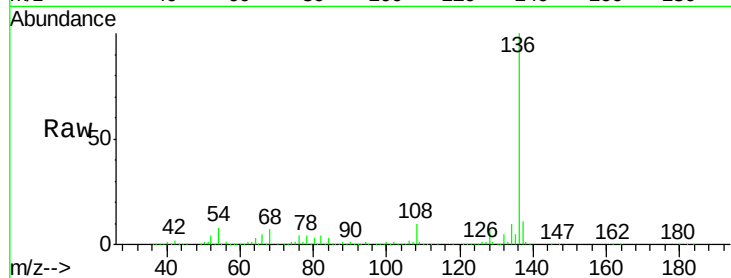
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	136	Resp	1086742
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	6.8	10.2
68	7.2	6.0	9.0

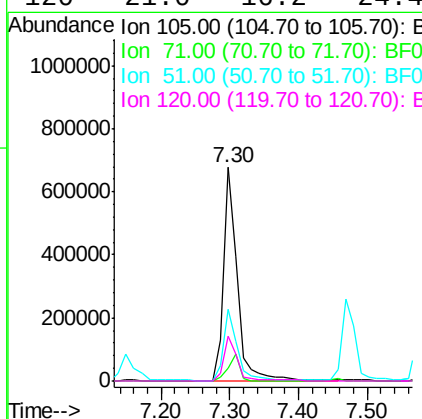
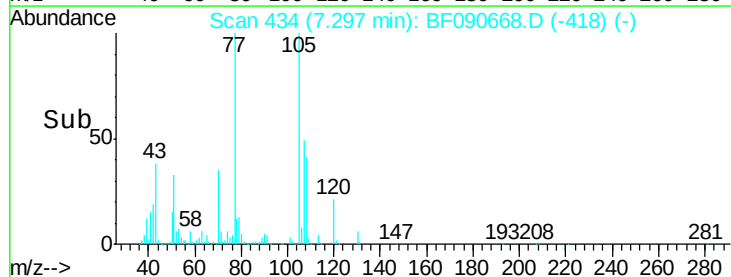
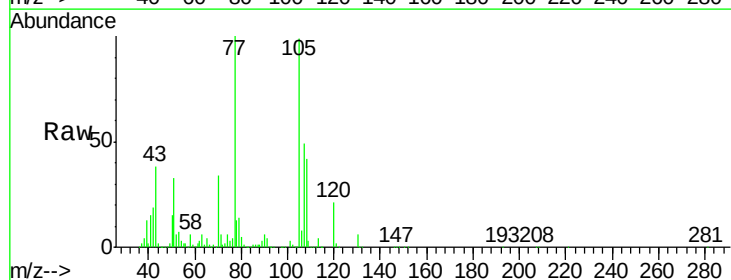
Manual Integrations
APPROVED

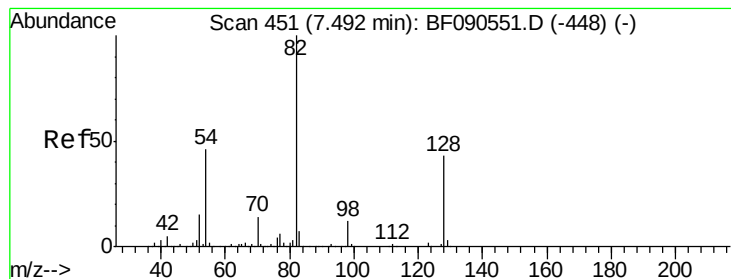
Sohil
10/20/2016 10:37:01 AM



#22
Acetophenone
Concen: 40.21 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	105	Resp	965391
Ion	Ratio	Lower	Upper
105	100		
71	5.9	8.5	12.7#
51	33.4	31.0	46.4
120	21.0	16.2	24.4





#23

Nitrobenzene-d5

Concen: 75.91 ng

RT: 7.46 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion: 82 Resp: 1485023

Ion Ratio Lower Upper

82 100

128 43.8 34.3 51.5

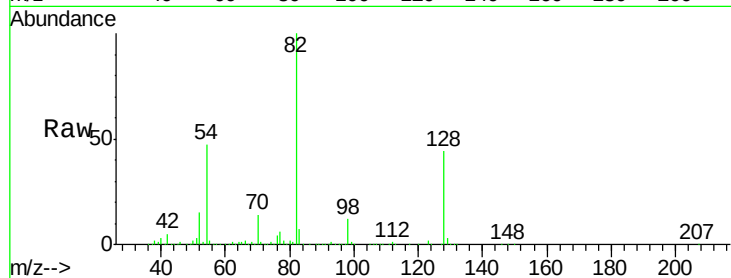
54 46.6 37.0 55.6

Manual Integrations

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Sohil

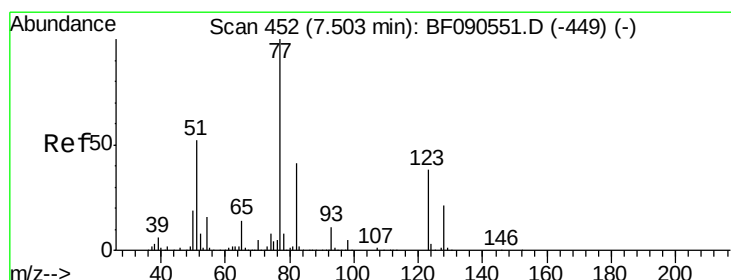
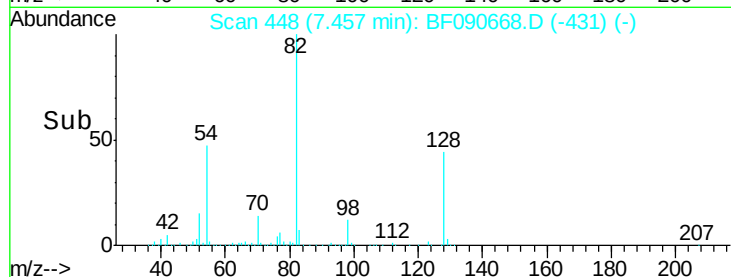
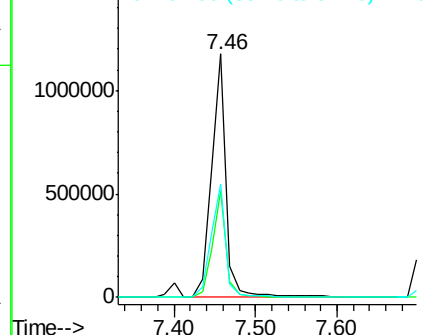
10/20/2016 10:37:01 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.76 ng

RT: 7.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

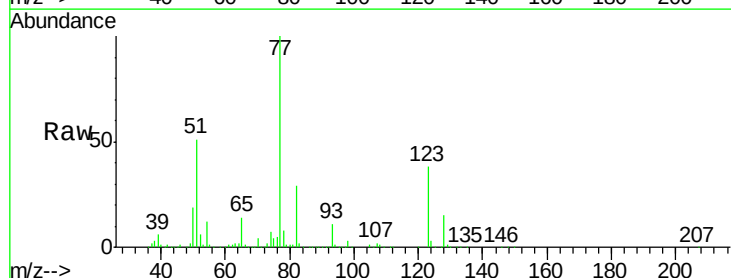
Tgt Ion: 77 Resp: 758152

Ion Ratio Lower Upper

77 100

123 38.2 29.8 44.6

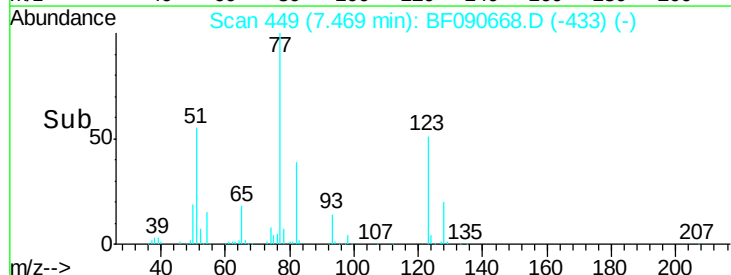
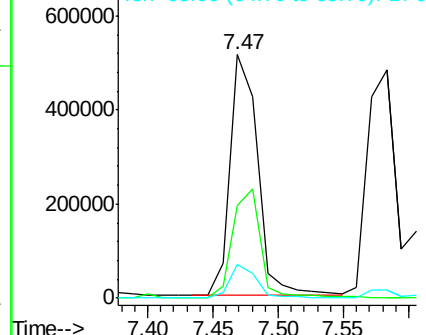
65 14.0 10.9 16.3

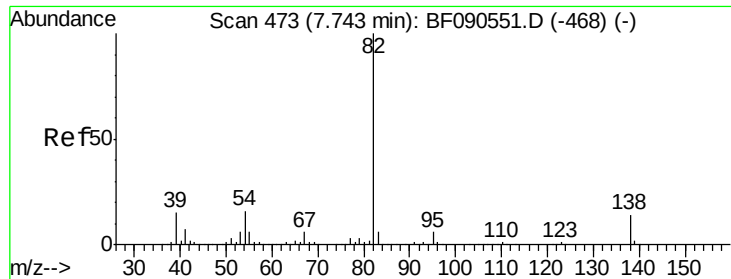


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.33 ng

RT: 7.72 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion: 82 Resp: 1471706

Ion Ratio Lower Upper

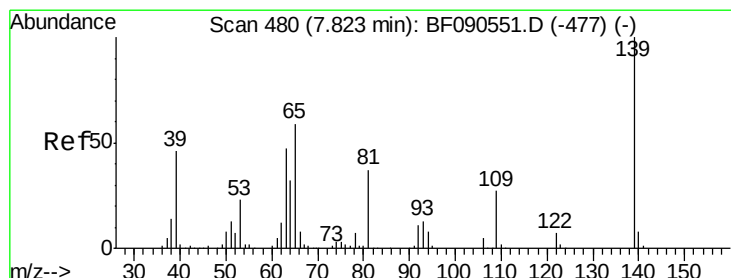
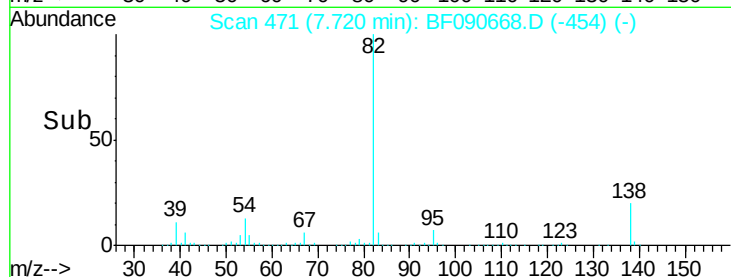
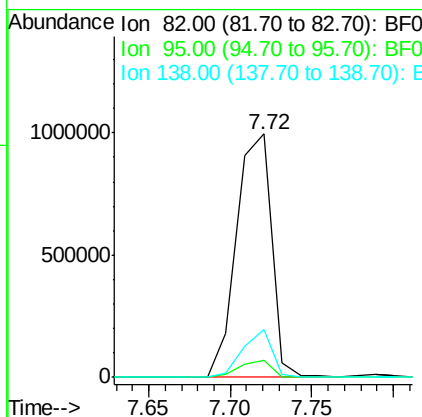
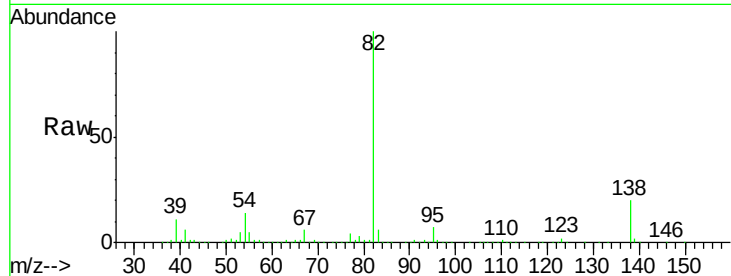
82 100

95 6.9 5.0 7.6

138 19.6 11.5 17.3#

Manual Integrations
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10/20/2016 10:37:01 AM



#26

2-Nitrophenol

Concen: 35.77 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

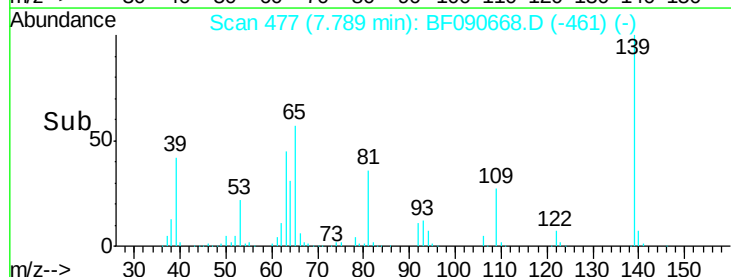
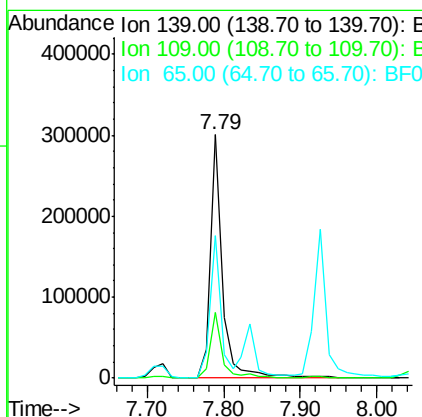
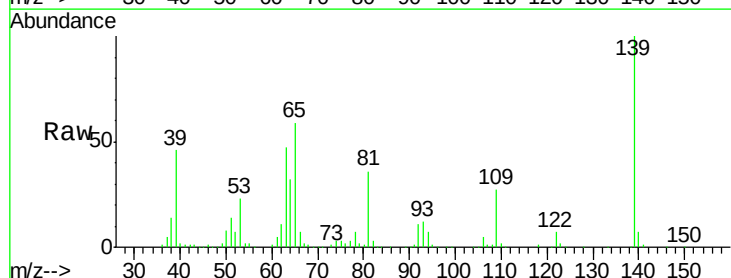
Tgt Ion: 139 Resp: 325772

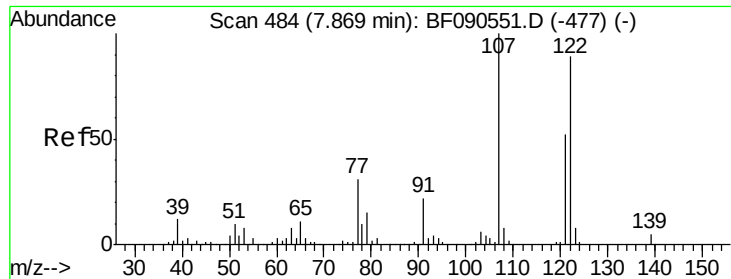
Ion Ratio Lower Upper

139 100

109 26.9 21.8 32.6

65 58.6 47.7 71.5





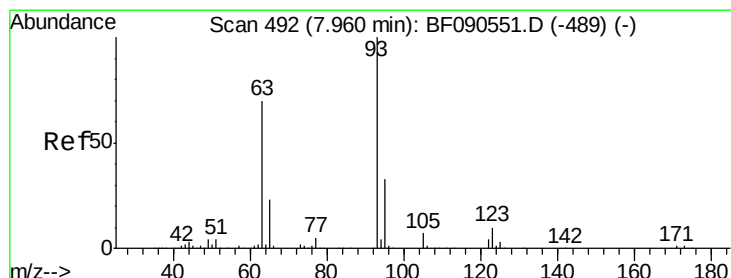
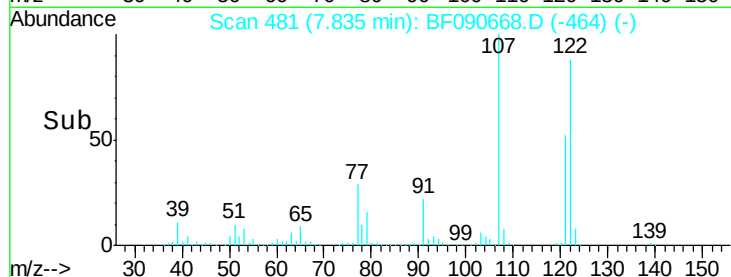
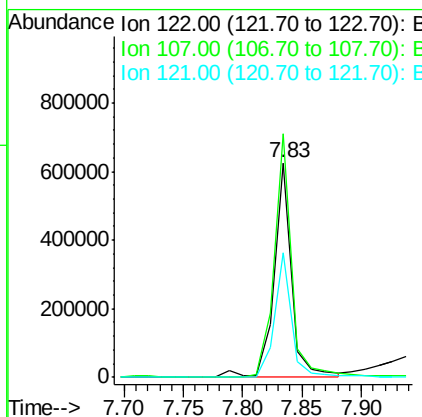
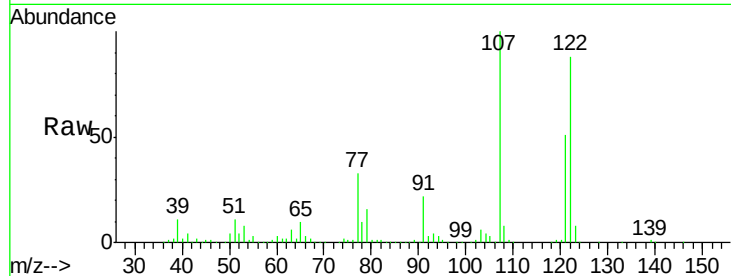
#27
2,4-Dimethylphenol
Concen: 42.68 ng
RT: 7.83 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	645119		
107	113.4	89.8	134.6	
121	58.3	46.1	69.1	

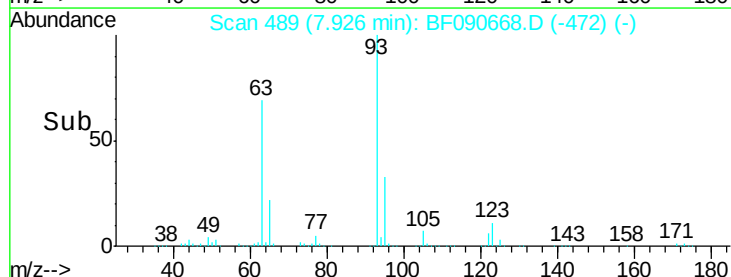
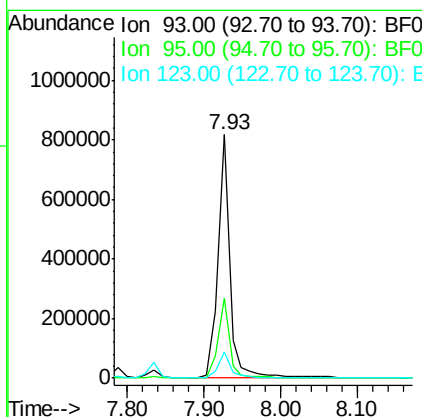
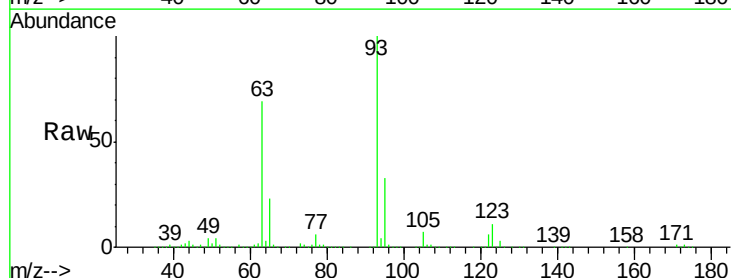
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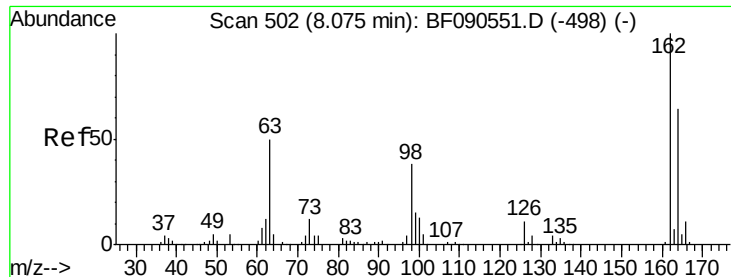
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#28
bis(2-Chloroethoxy)methane
Concen: 42.01 ng
RT: 7.93 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	883265		
95	33.0	26.2	39.2	
123	10.9	8.6	13.0	





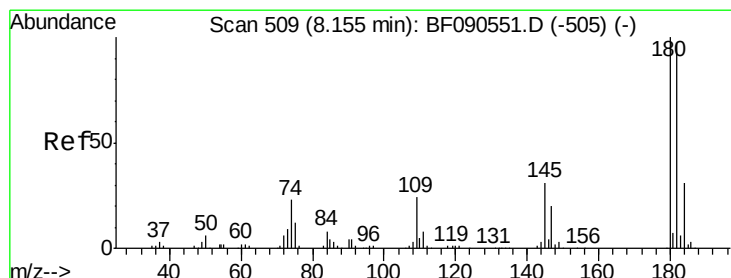
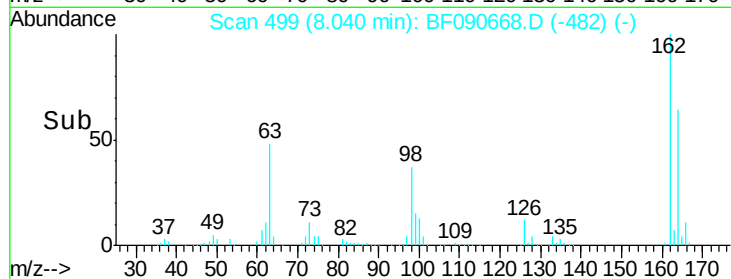
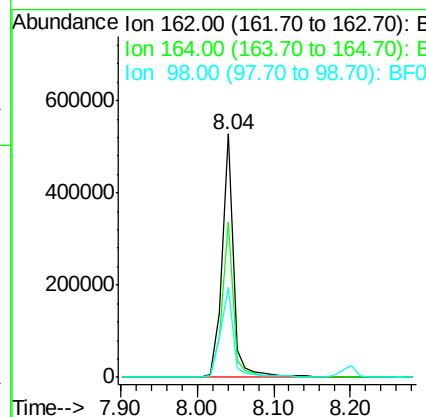
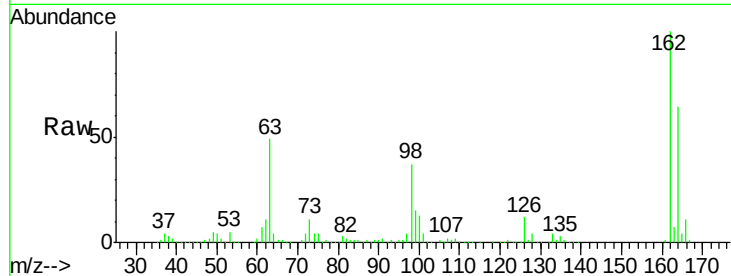
#29
 2,4-Dichlorophenol
 Concen: 41.47 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	44.0	84.0
98	37.1	18.0	58.0

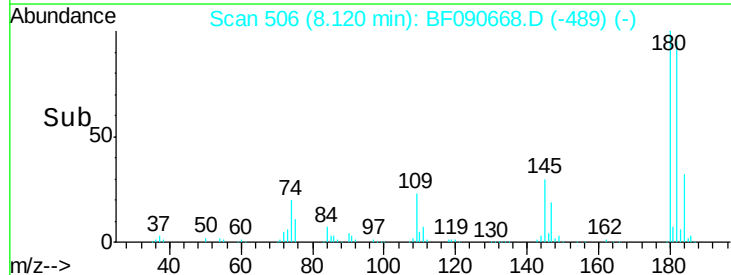
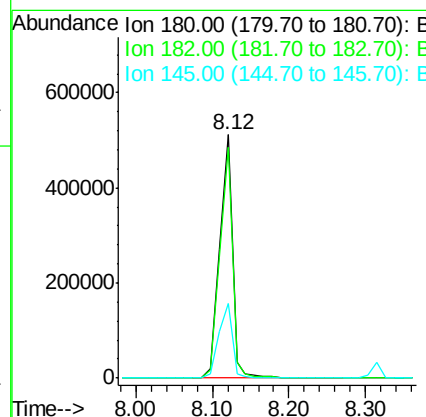
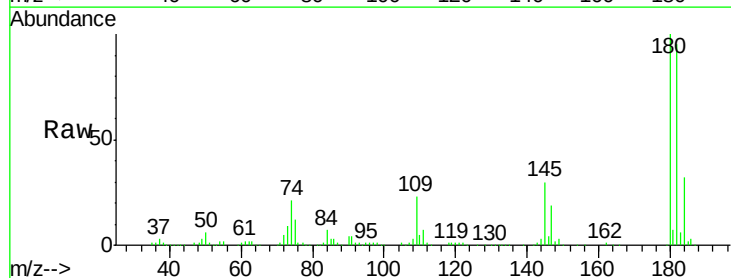
Manual Integrations
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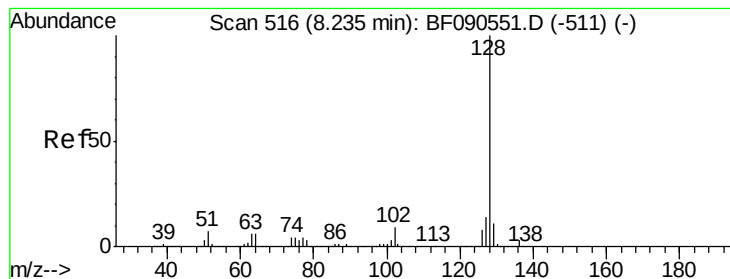
Sohil
 10/20/2016 10:37:01 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.23 ng
 RT: 8.12 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	77.2	115.8
145	30.5	24.4	36.6





#31

Naphthalene

Concen: 37.16 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampled :

PB94179BS

Tot Ion:128 Resp: 2057318

Ion Ratio Lower Upper

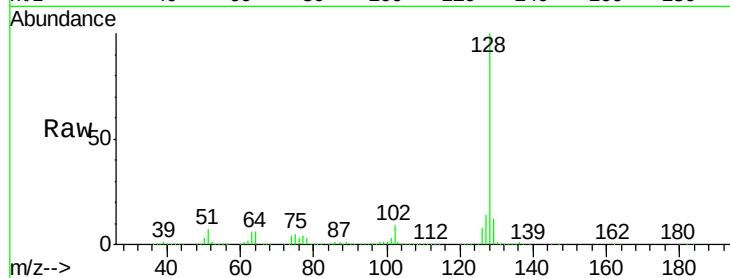
128 100

129 11.5 9.0 13.6

127 13.8 10.8 16.2

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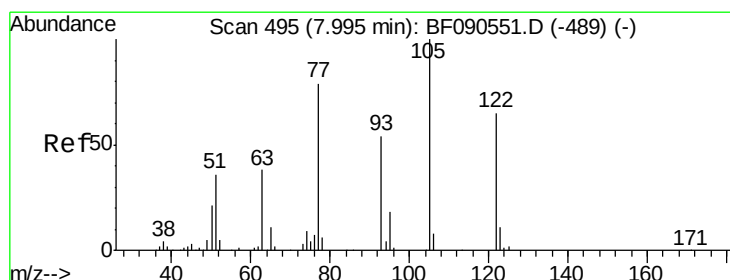
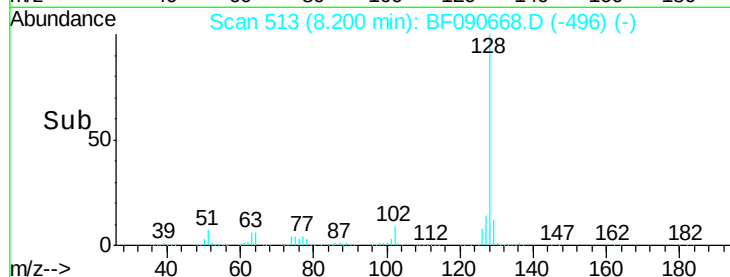
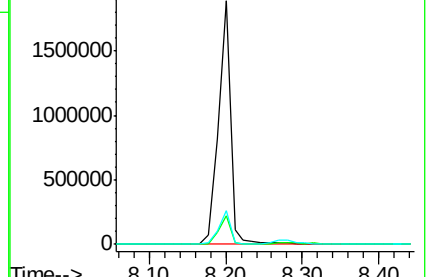
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.53 ng

RT: 7.95 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

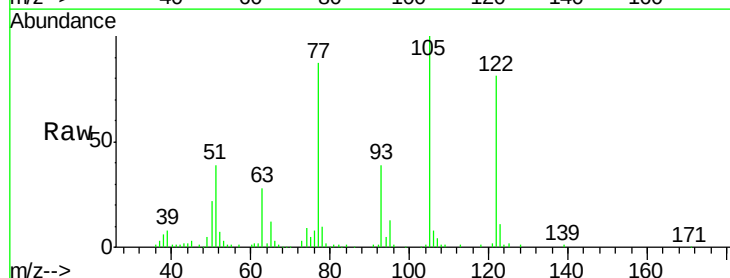
Tgt Ion:122 Resp: 209173

Ion Ratio Lower Upper

122 100

105 123.8 101.1 141.1

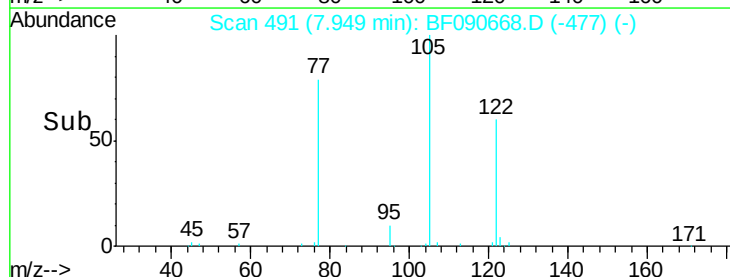
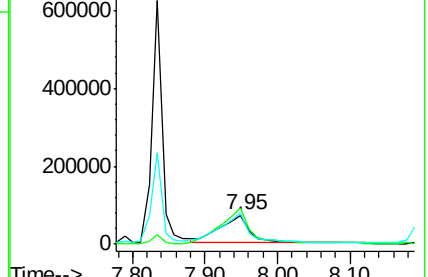
77 107.4 84.7 124.7

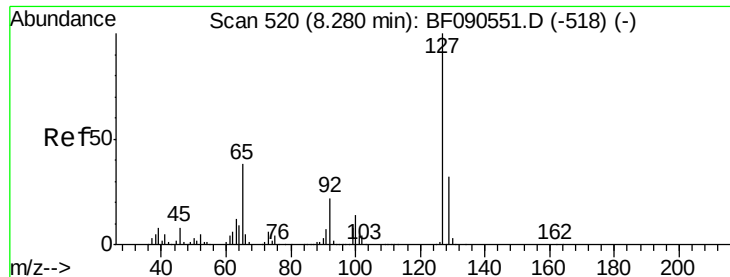


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





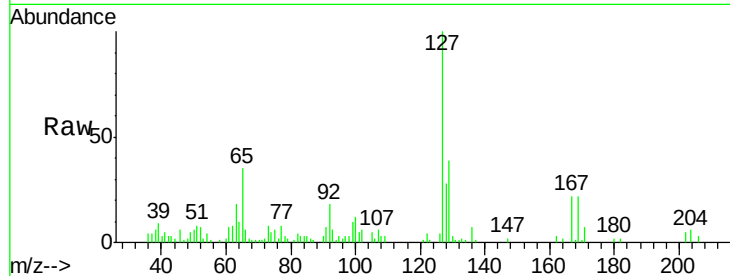
#33
4-Chloroaniline
Concen: 3.95 ng
RT: 8.28 min Scan# 520
Delta R.T. 0.02 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

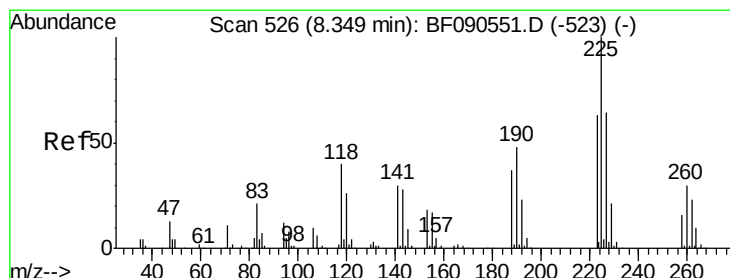
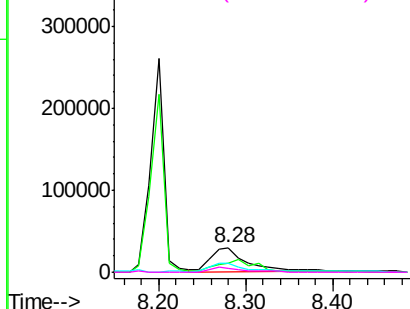
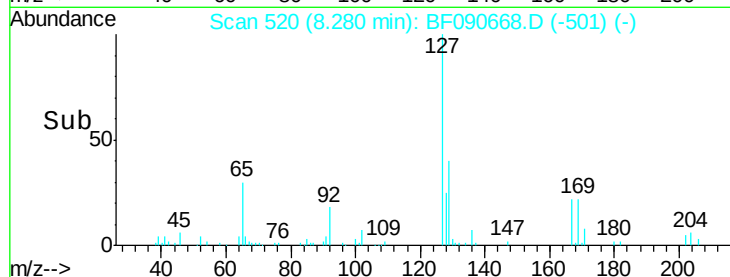
Tot Ion	Ratio	Lower	Upper
127	100		
129	39.5	26.2	39.2#
65	35.2	30.1	45.1
92	17.6	17.2	25.8

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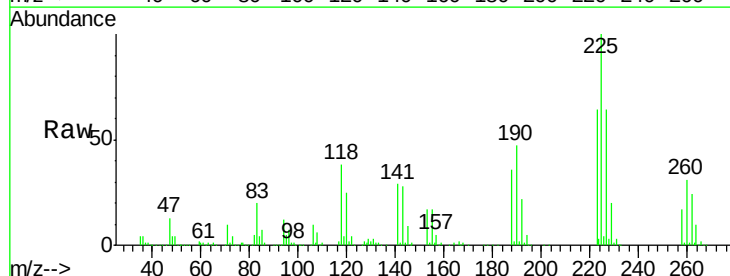


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

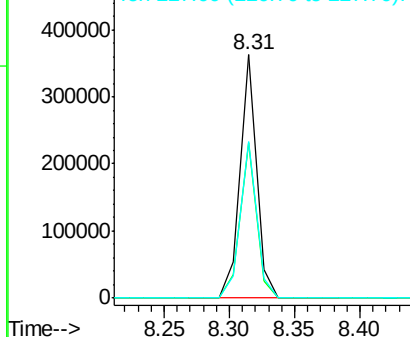
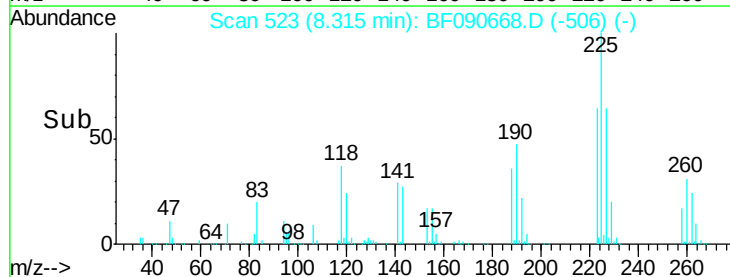


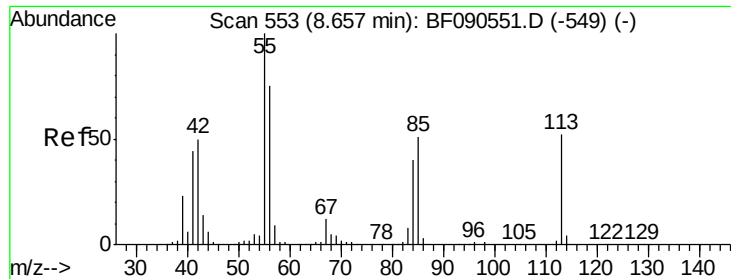
#34
Hexachlorobutadiene
Concen: 36.51 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.3	51.4	77.2



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





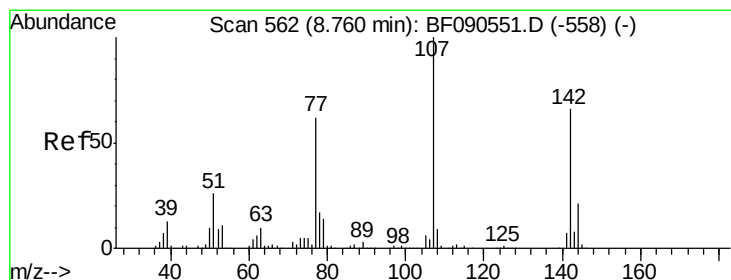
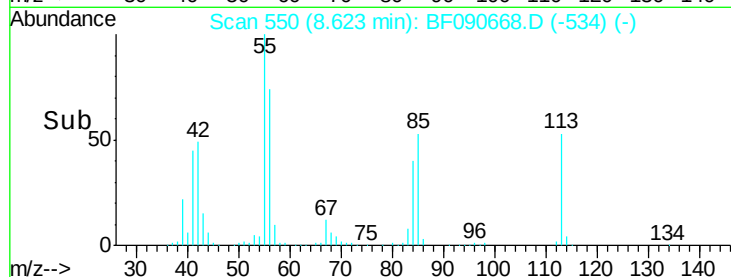
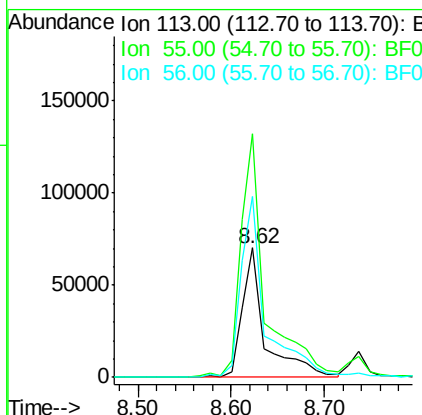
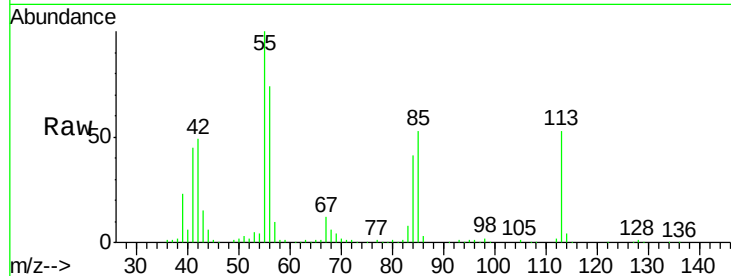
#35
 Caprolactam
 Concen: 32.62 ng
 RT: 8.62 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.5	170.8	210.8
56	139.6	122.4	162.4

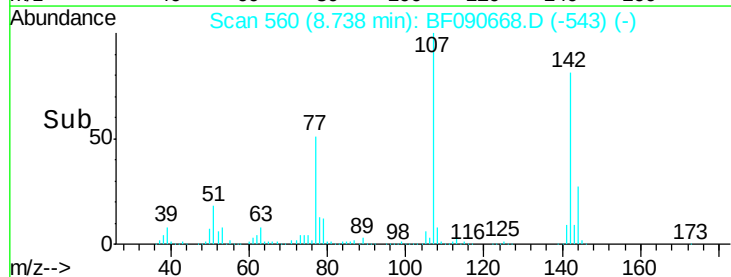
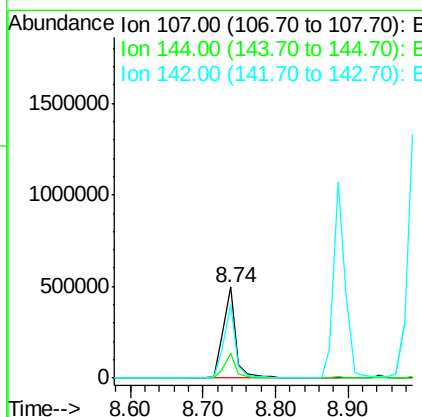
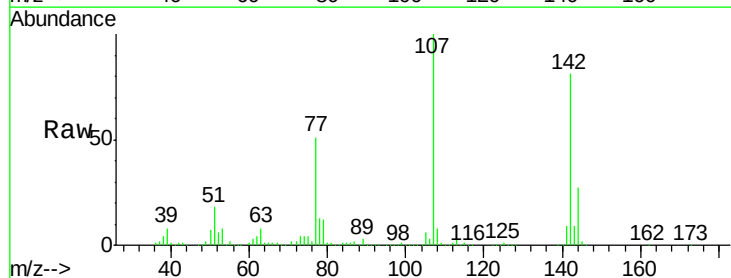
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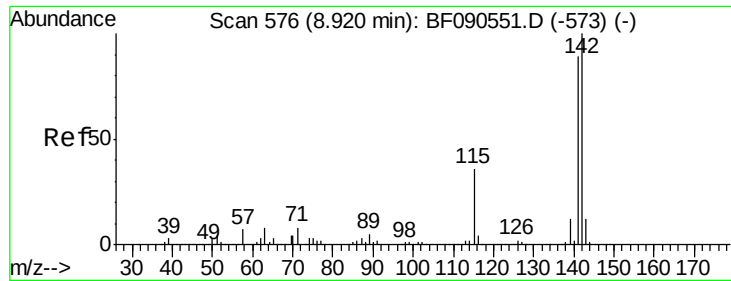
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#36
 4-Chloro-3-methylphenol
 Concen: 39.65 ng
 RT: 8.74 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	16.9	25.3#
142	80.6	52.5	78.7#





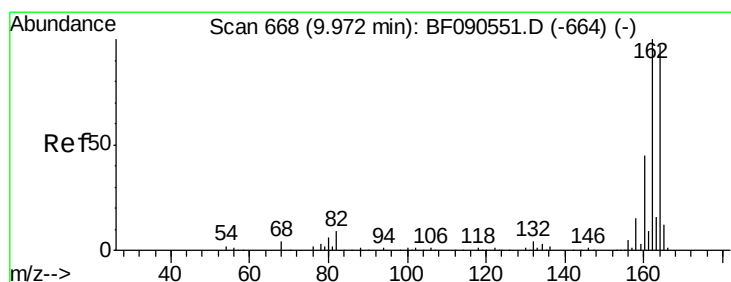
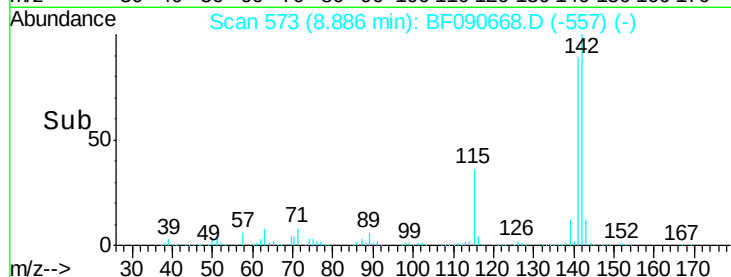
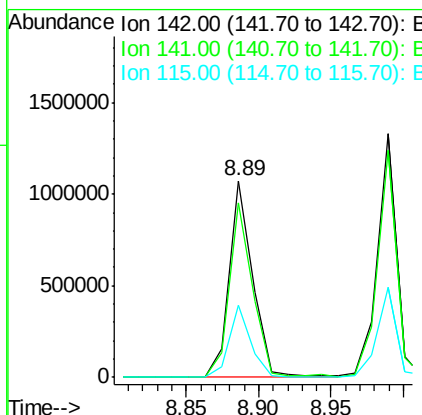
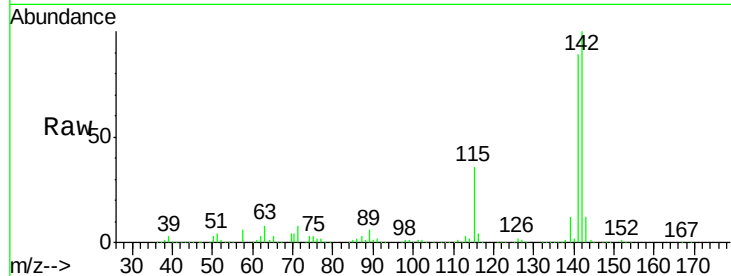
#37
 2-Methylnaphthalene
 Concen: 36.66 ng
 RT: 8.89 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	36.3	28.8	43.2

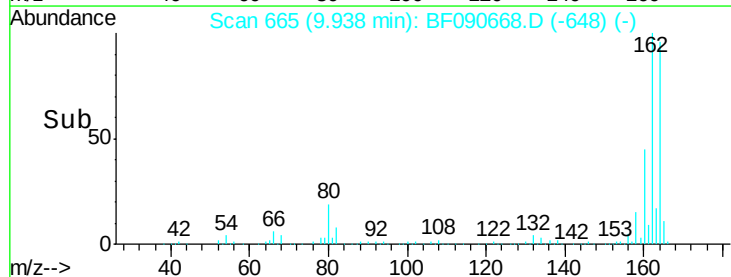
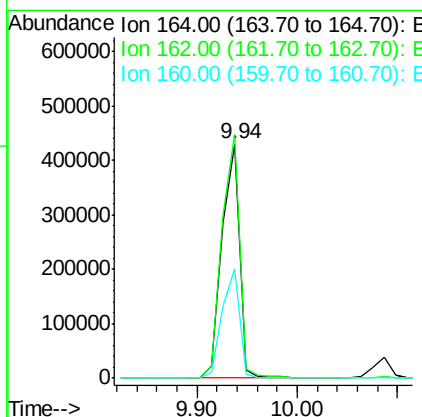
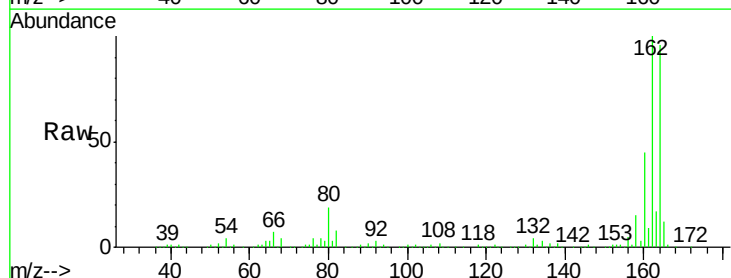
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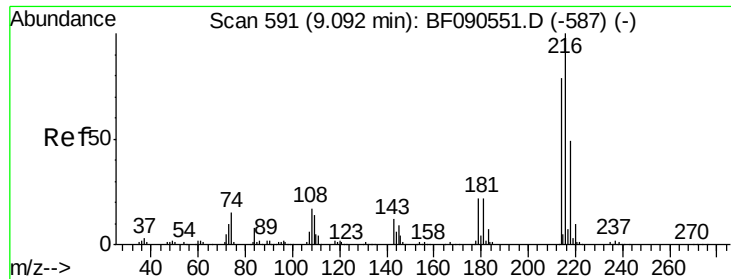
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	47.0	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.79 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

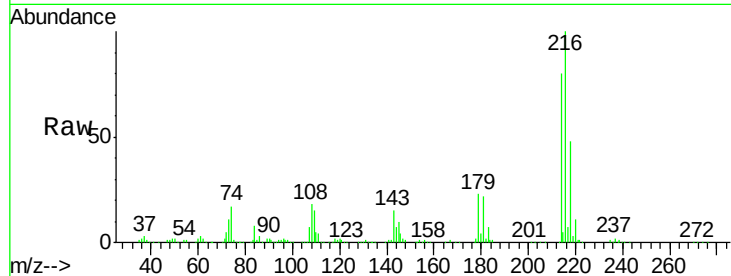
ClientSampled :

PB94179BS

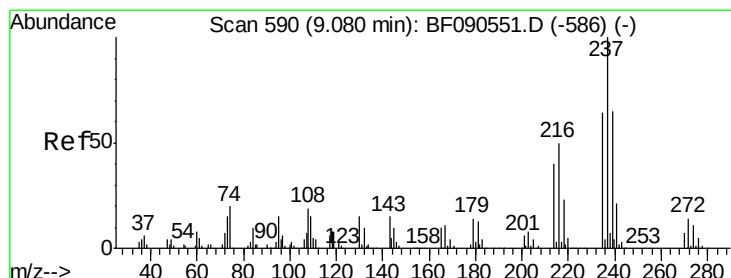
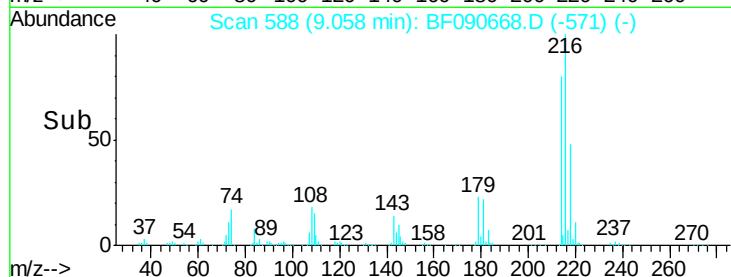
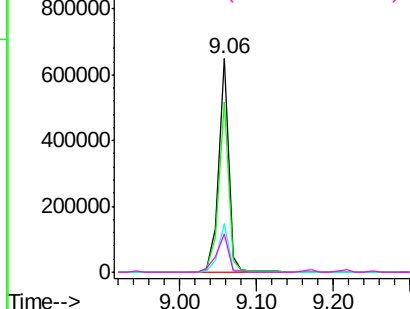
Tot Ion	Ratio	Resp	Lower	Upper
216	100	595061		
214	79.7	63.5	95.3	
179	23.2	18.9	28.3	
108	21.1	17.8	26.6	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 55.34 ng

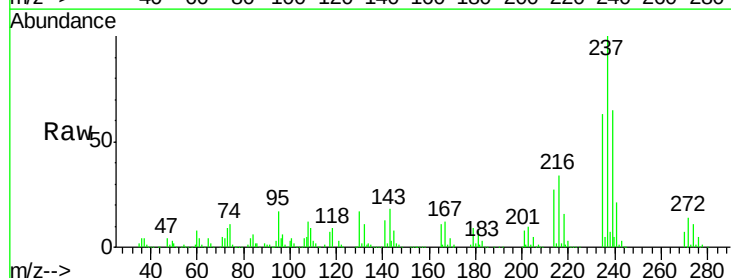
RT: 9.05 min Scan# 587

Delta R.T. -0.00 min

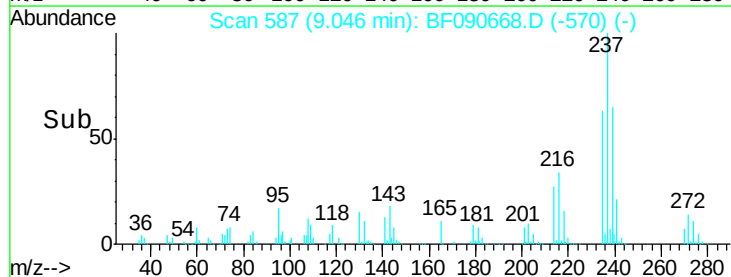
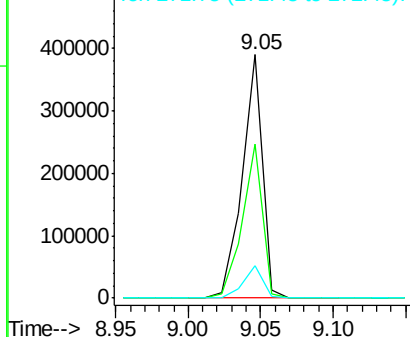
Lab File: BF090668.D

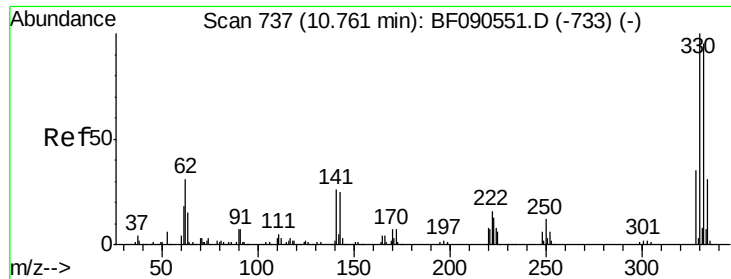
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	375931		
235	63.4	43.8	83.8	
272	13.5	0.0	33.7	



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





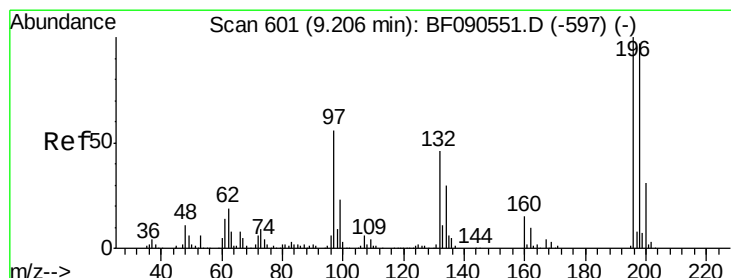
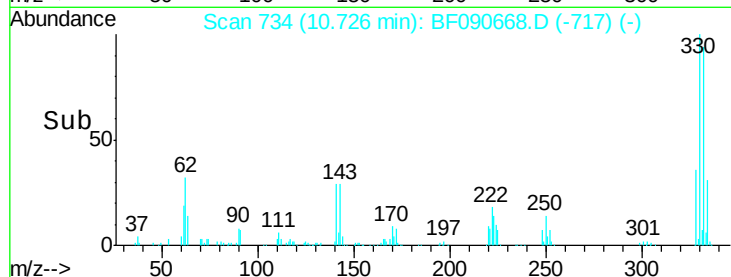
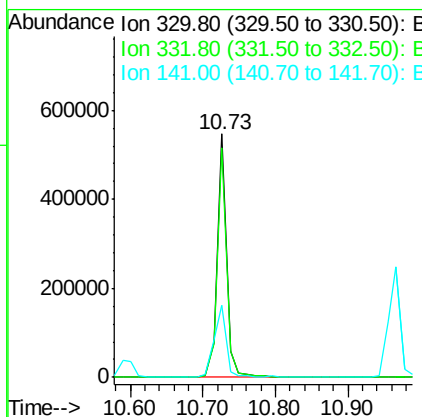
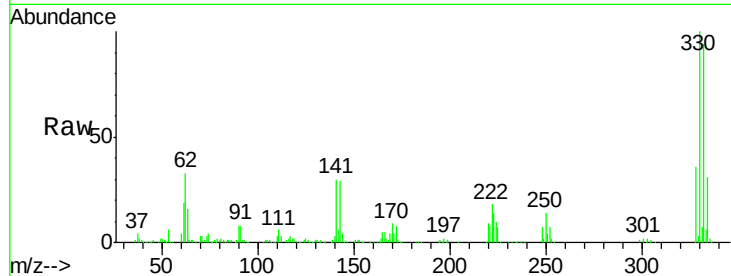
#41
 2,4,6-Tribromophenol
 Concen: 106.69 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	498903		
332	94.5	76.2	114.2	
141	37.3	31.4	47.2	

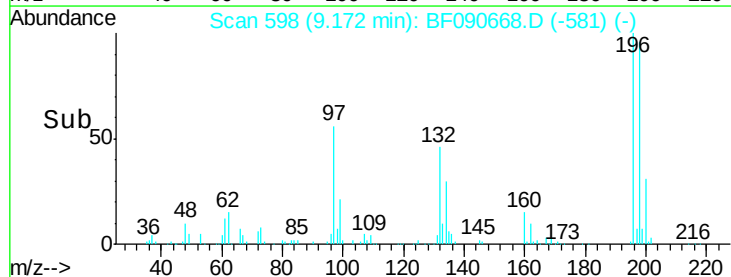
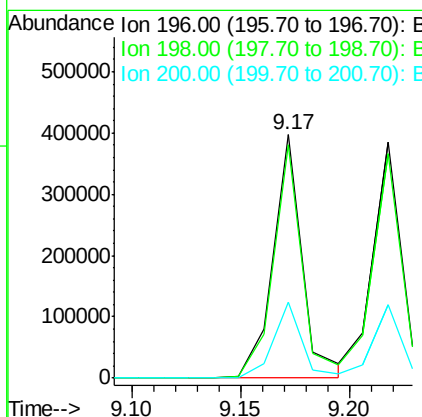
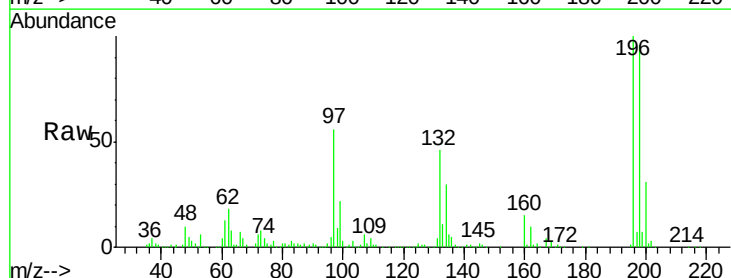
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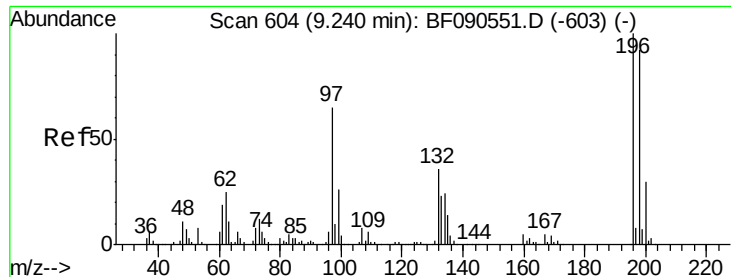
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#42
 2,4,6-Trichlorophenol
 Concen: 47.77 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	374704		
198	96.1	77.9	116.9	
200	31.3	25.1	37.7	





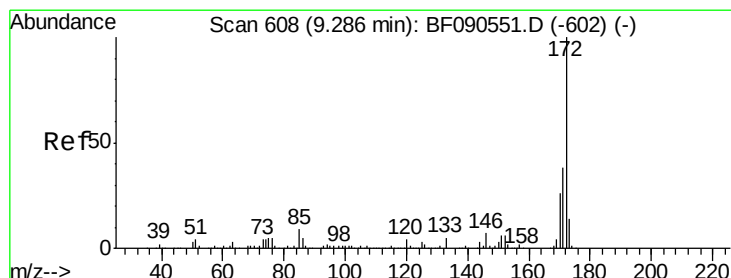
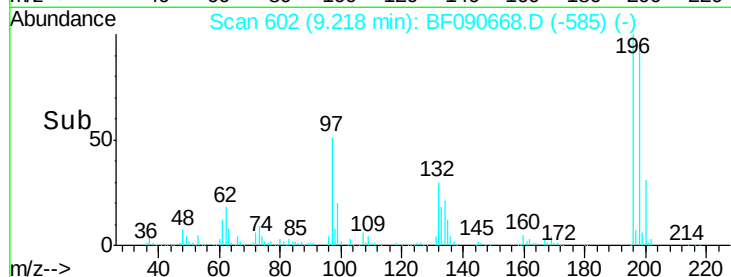
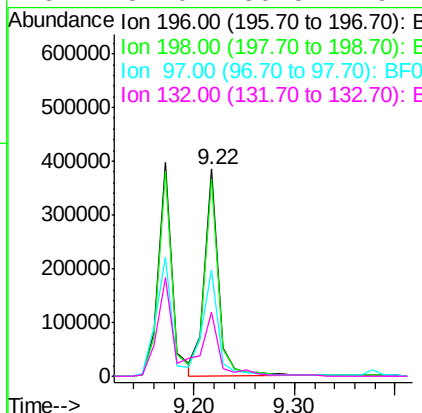
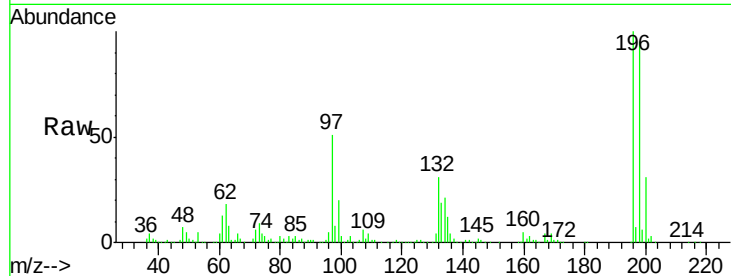
#43
 2,4,5-Trichlorophenol
 Concen: 40.11 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.0	111.0
97	51.4	54.7	82.1#
132	31.0	30.5	45.7

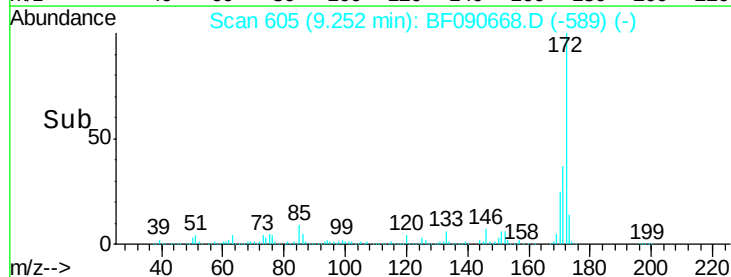
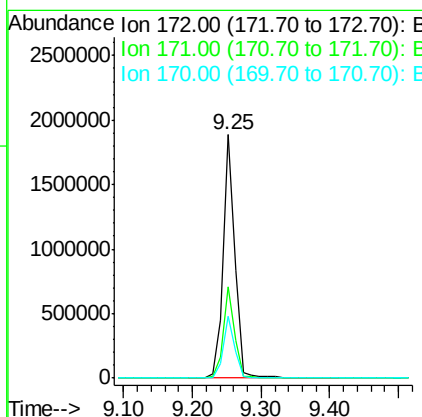
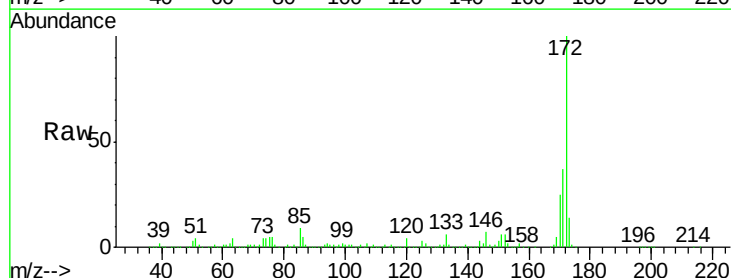
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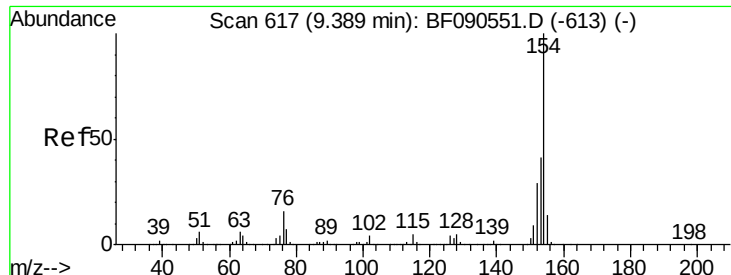
Sohil
 10/20/2016 10:37:01 AM



#44
 2-Fluorobiphenyl
 Concen: 72.01 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	25.3	20.6	30.8





#45

1,1'-Biphenyl

Concen: 38.33 ng

RT: 9.35 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion:154 Resp: 1529949

Ion Ratio Lower Upper

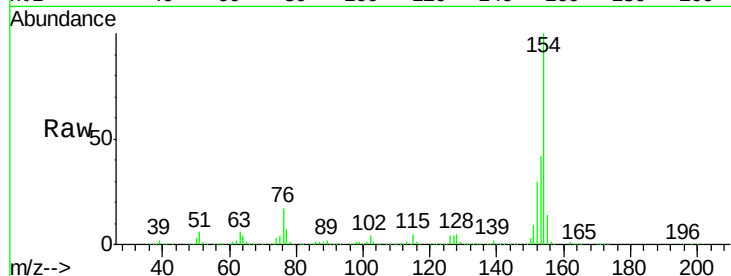
154 100

153 41.9 21.5 61.5

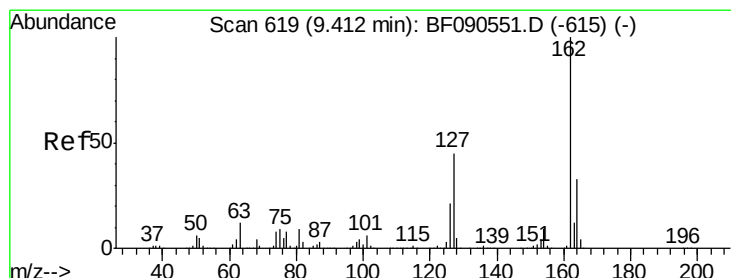
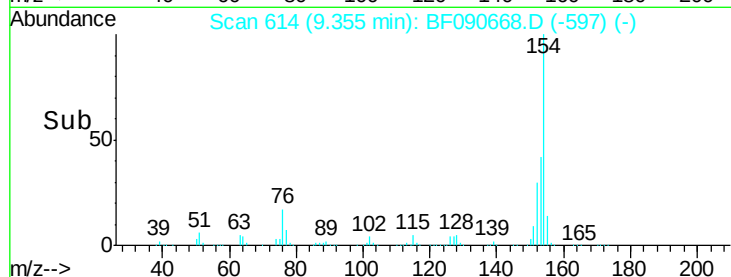
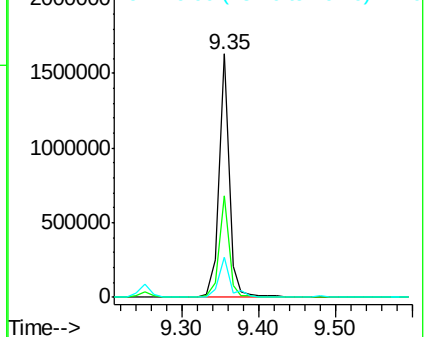
76 16.6 0.0 36.0

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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: 38.89 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

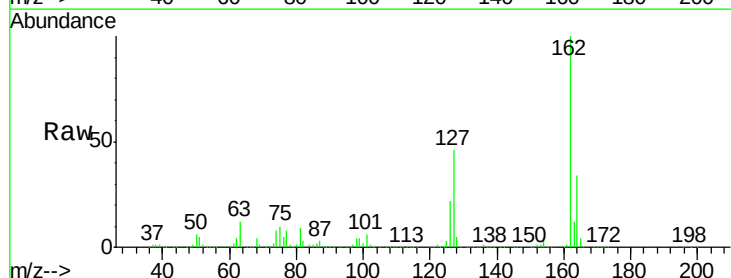
Tgt Ion:162 Resp: 1157432

Ion Ratio Lower Upper

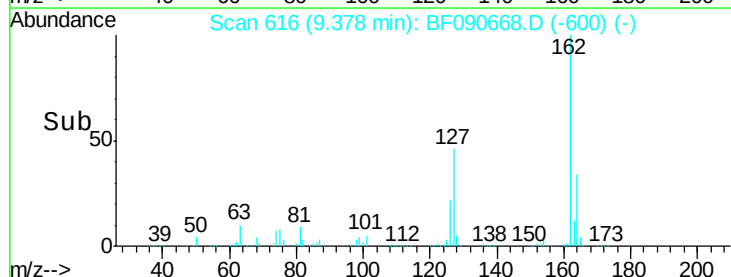
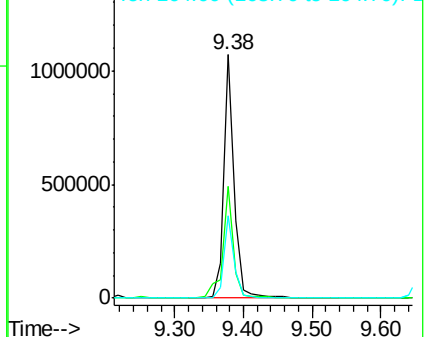
162 100

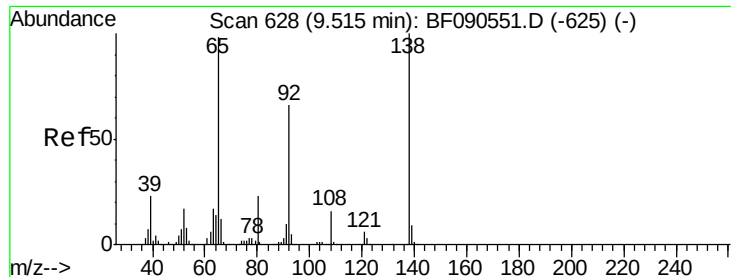
127 46.1 35.9 53.9

164 33.7 26.7 40.1



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





#47

2-Nitroaniline

Concen: 39.59 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

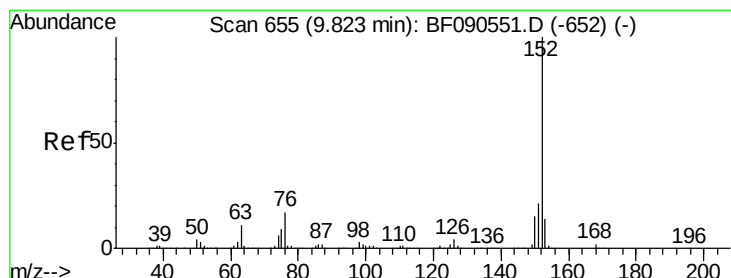
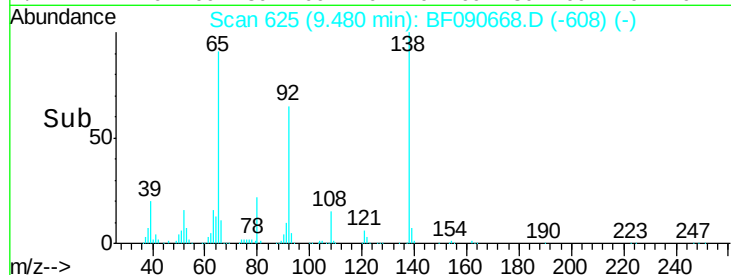
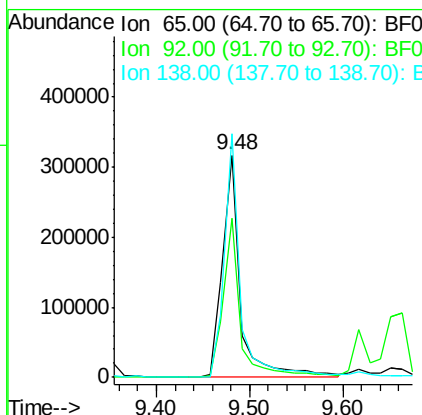
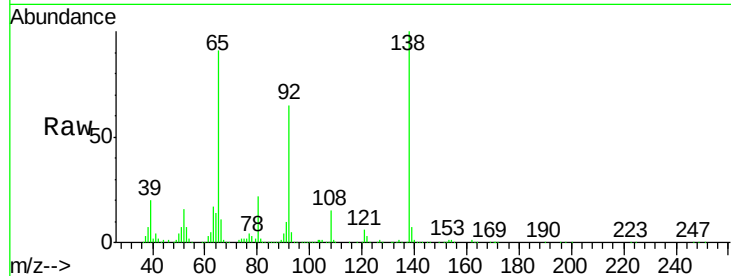
ClientSampleId :

PB94179BS

Tot Ion:	65	Resp:	427177
Ion Ratio	Lower	Upper	
65	100		
92	71.8	54.3	81.5
138	109.7	81.7	122.5

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#48

Acenaphthylene

Concen: 39.11 ng

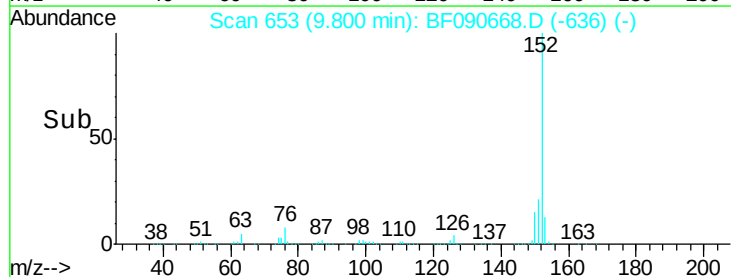
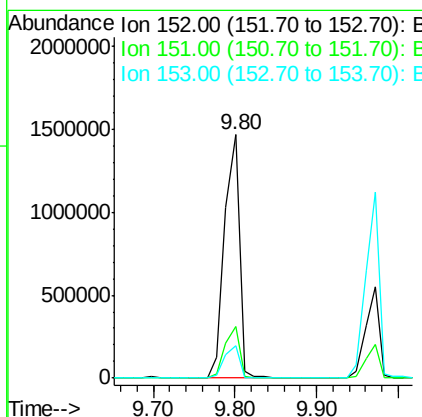
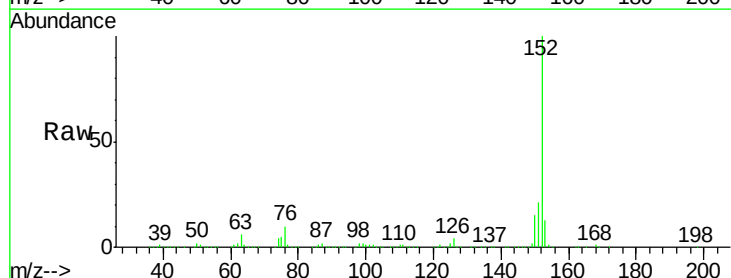
RT: 9.80 min Scan# 653

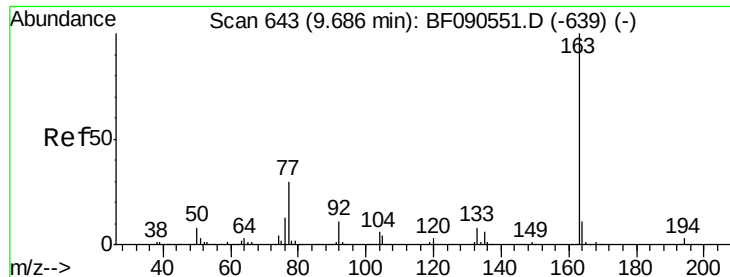
Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:	152	Resp:	1853158
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.6	25.0
153	13.4	11.3	16.9





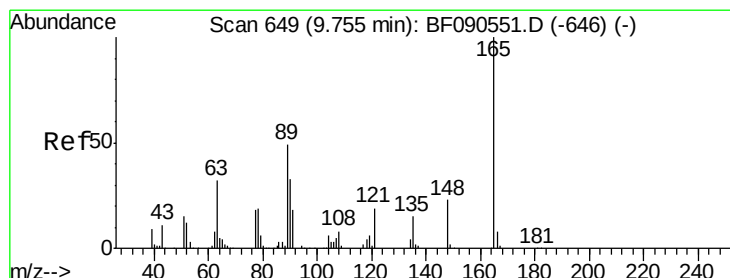
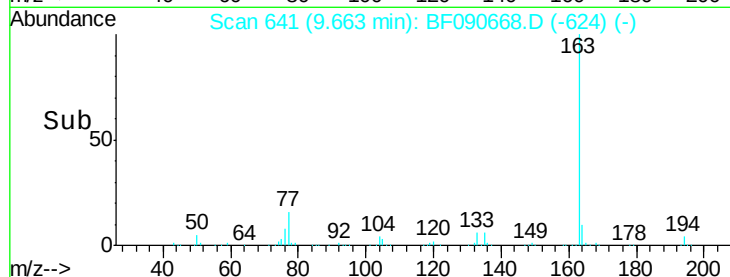
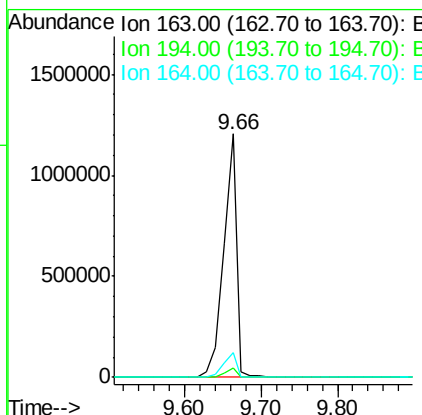
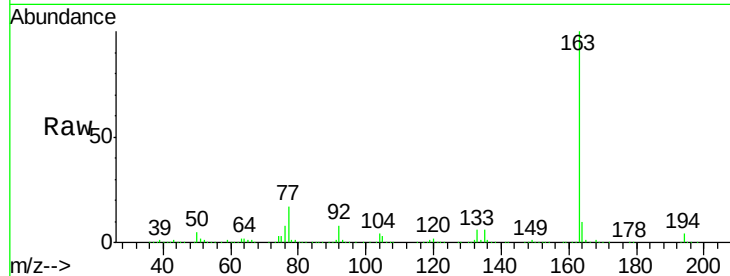
#49
Dimethylphthalate
Concen: 42.33 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampled :
PB94179BS

Tot Ion:163 Resp: 1440310
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 10.2 8.6 13.0

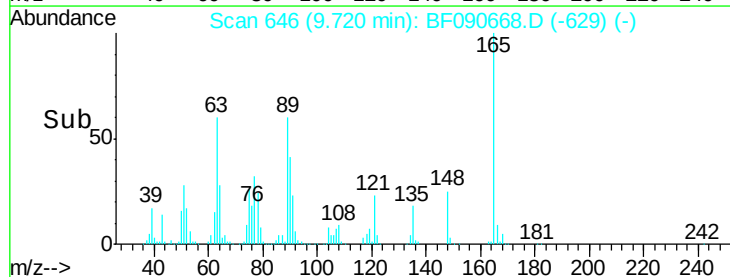
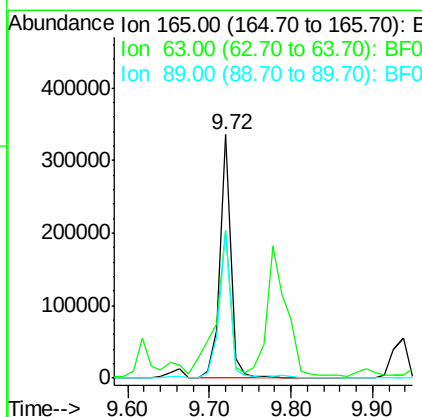
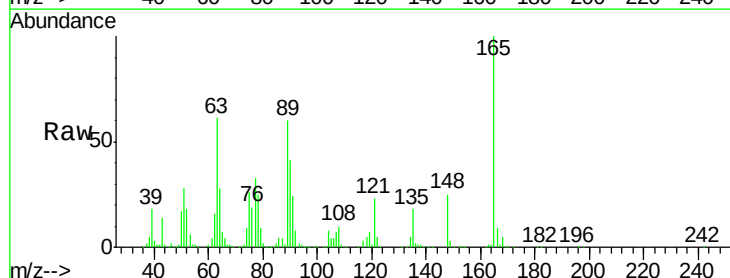
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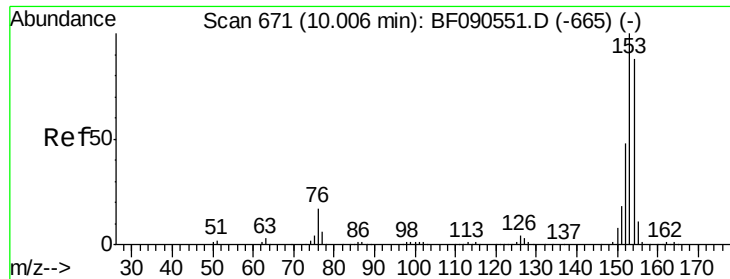
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.72 ng
RT: 9.72 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:165 Resp: 310673
Ion Ratio Lower Upper
165 100
63 60.7 40.1 60.1#
89 60.4 39.5 59.3#





#51

Acenaphthene

Concen: 38.09 ng

RT: 9.97 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion:154 Resp: 1199651

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

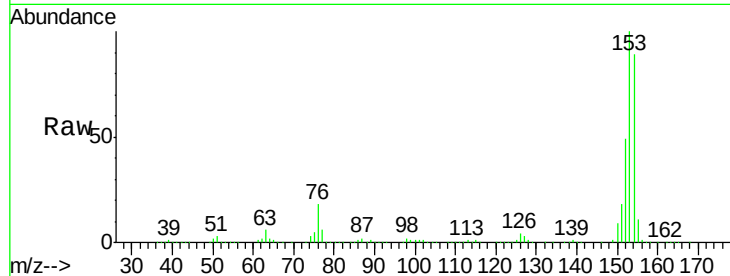
152 55.2 44.0 66.0

Manual Integrations

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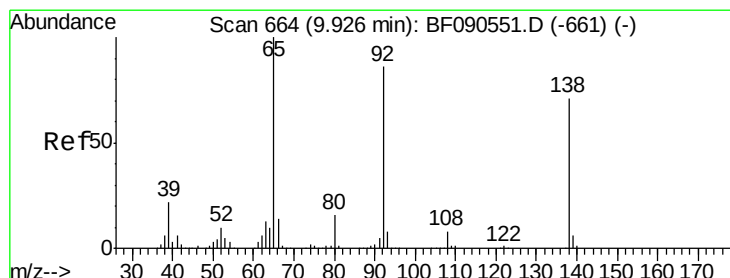
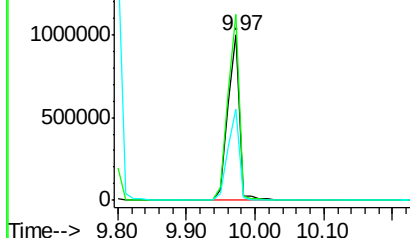
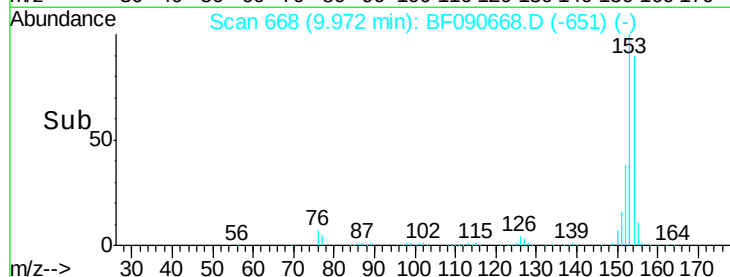
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.64 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

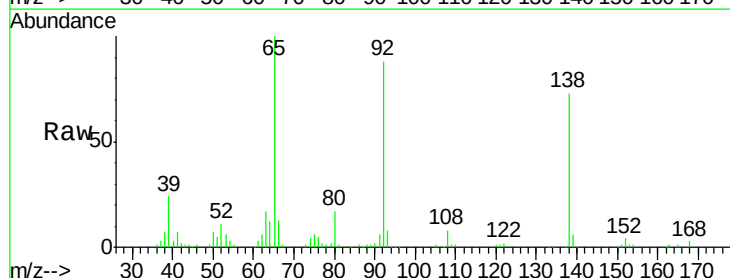
Tgt Ion:138 Resp: 108739

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

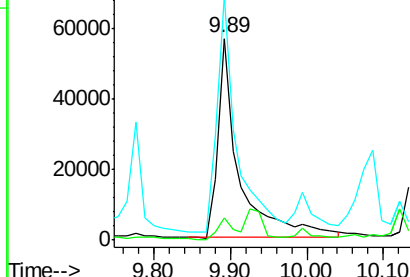
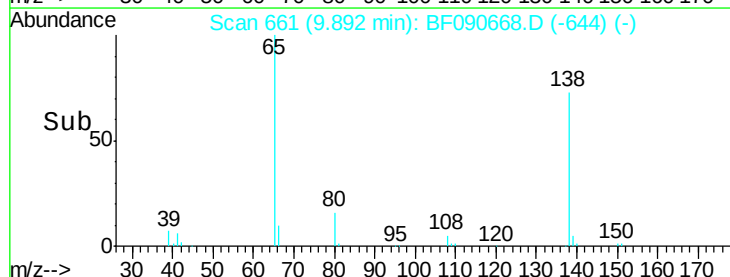
92 120.6 97.8 146.8

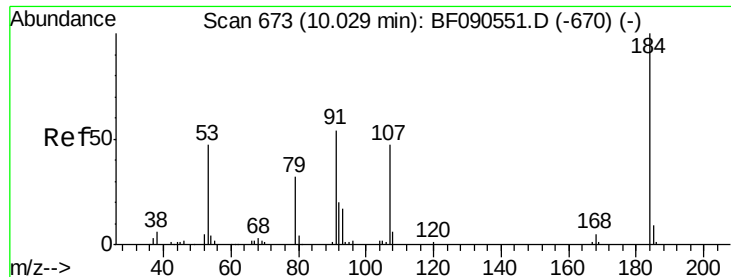


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





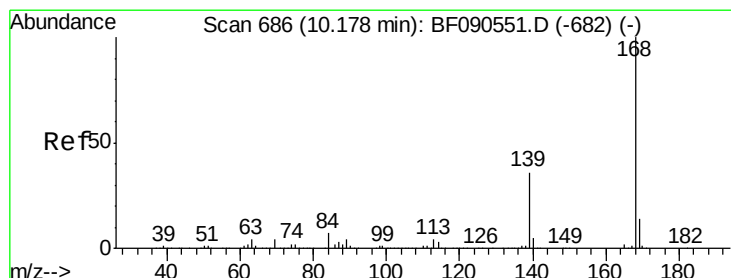
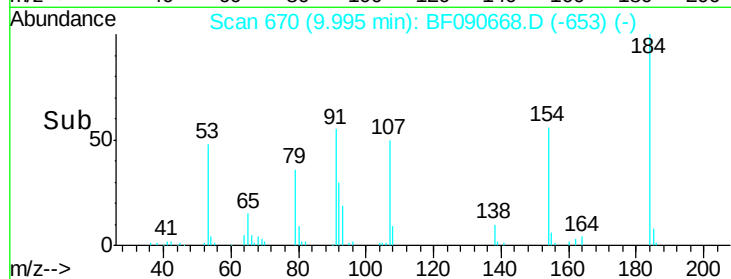
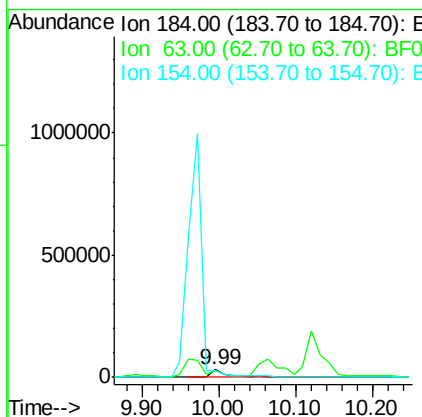
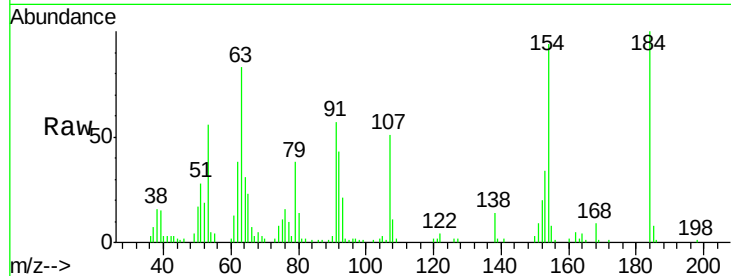
#53
2,4-Dinitrophenol
Concen: 18.25 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampled :
PB94179BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	54730		
63	82.8	60.2	90.2	
154	93.5	86.1	129.1	

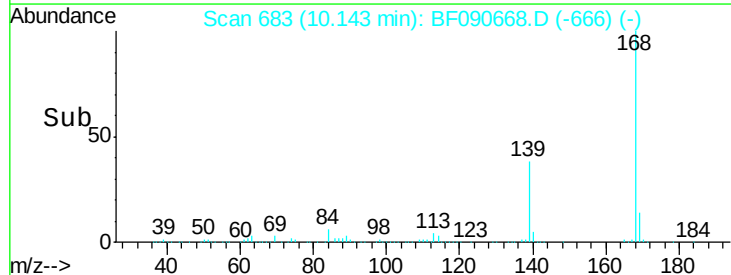
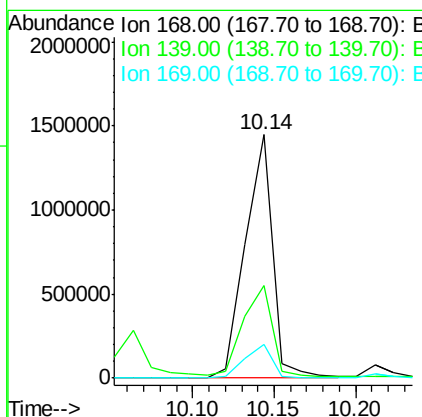
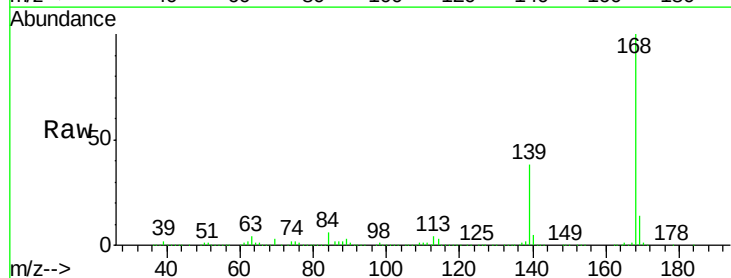
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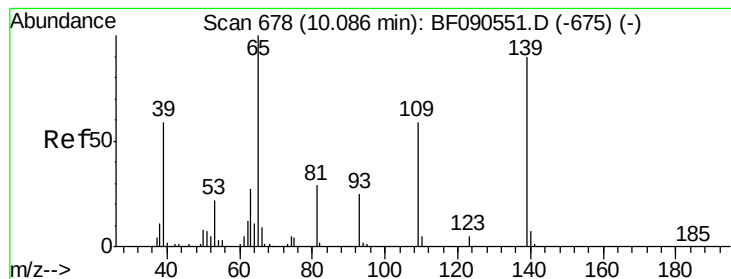
Sohil
10/20/2016 10:37:01 AM



#54
Dibenzofuran
Concen: 40.54 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1679876		
139	37.8	30.5	45.7	
169	13.6	10.9	16.3	





#55

4-Nitrophenol

Concen: 66.82 ng

RT: 10.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion:139 Resp: 375759

Ion Ratio Lower Upper

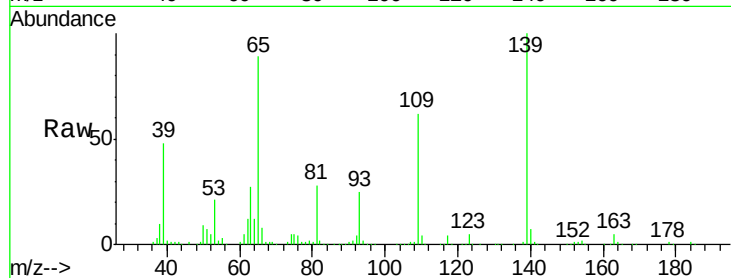
139 100

109 61.8 45.9 85.9

65 88.7 95.8 135.8#

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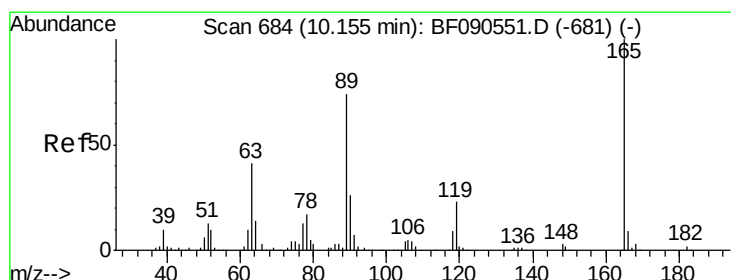
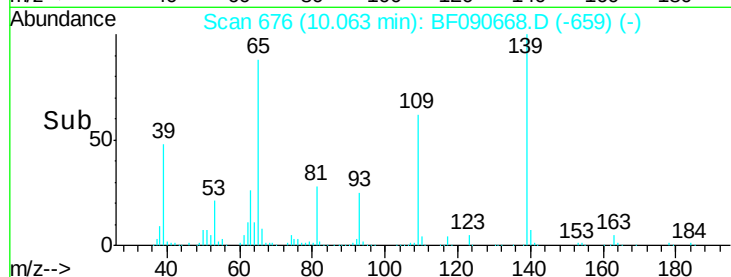
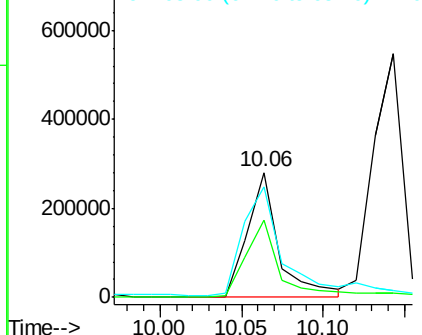
Sohil
10/20/2016 10:37:01 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.49 ng

RT: 10.12 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:165 Resp: 369043

Ion Ratio Lower Upper

165 100

63 59.2 35.4 53.0#

89 90.1 59.0 88.4#

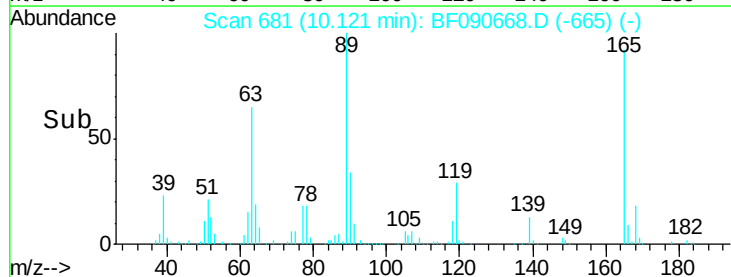
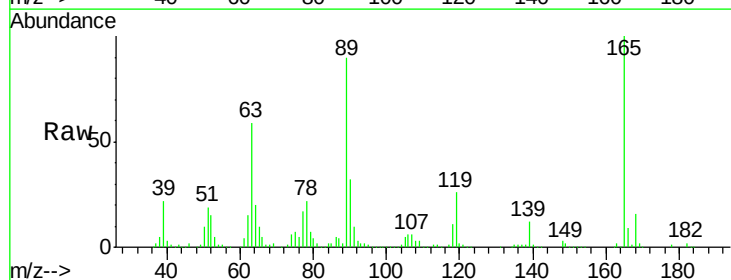
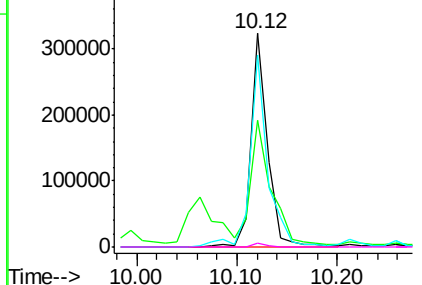
182 2.0 1.8 2.6

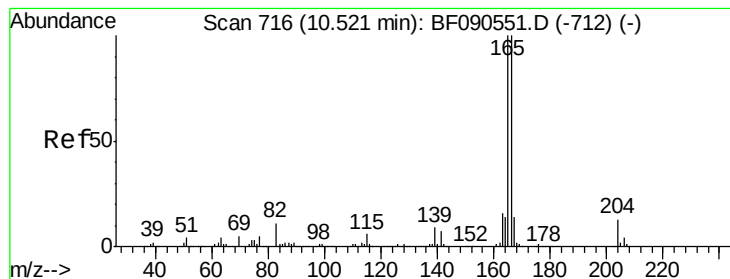
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.53 ng

RT: 10.49 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion:166 Resp: 1350853

Ion Ratio Lower Upper

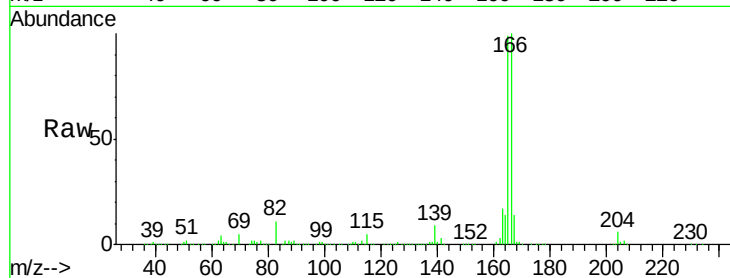
166 100

165 99.3 79.9 119.9

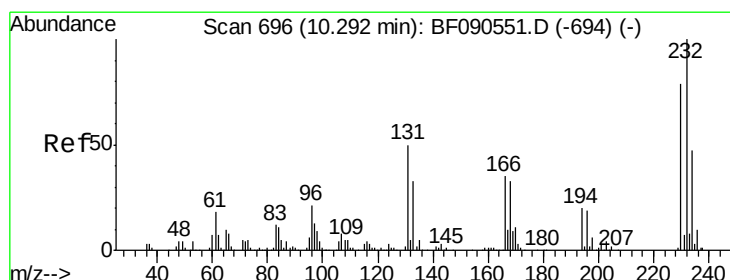
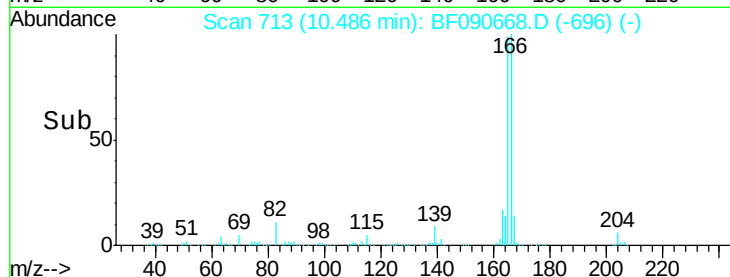
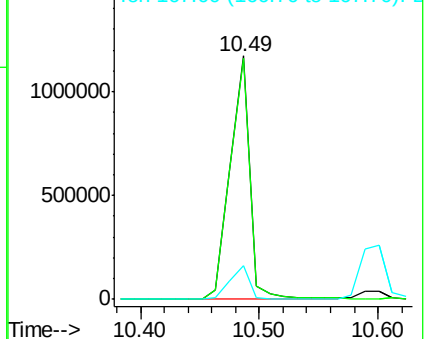
167 13.7 10.9 16.3

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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: 35.71 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:232 Resp: 278306

Ion Ratio Lower Upper

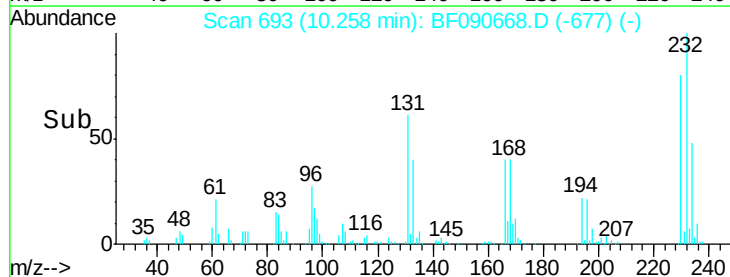
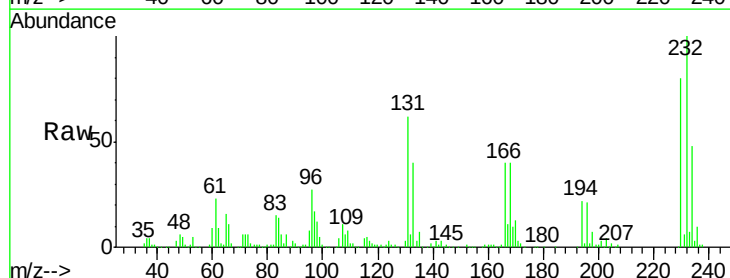
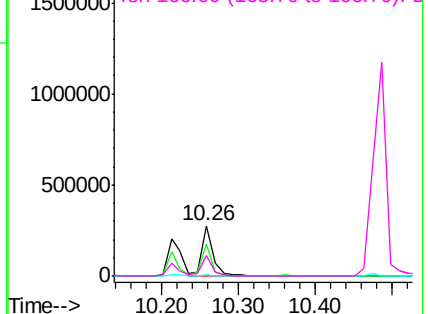
232 100

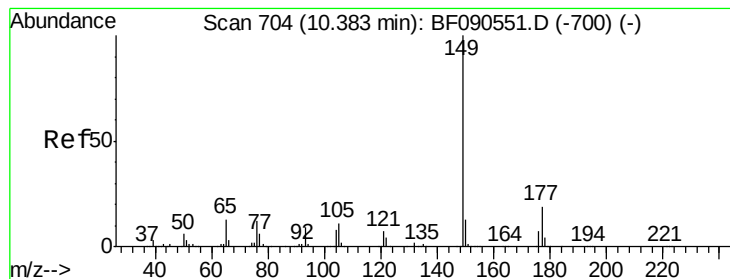
131 56.9 42.6 64.0

130 2.4 1.8 2.8

166 35.2 27.5 41.3

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: 43.44 ng

RT: 10.36 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion:149 Resp: 1499122

Ion Ratio Lower Upper

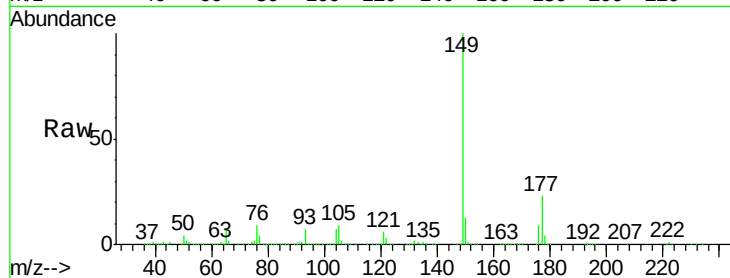
149 100

177 23.1 15.3 22.9#

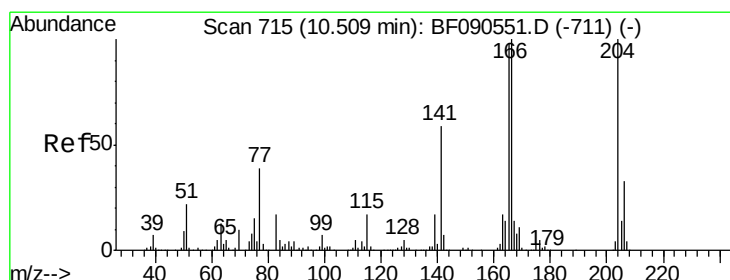
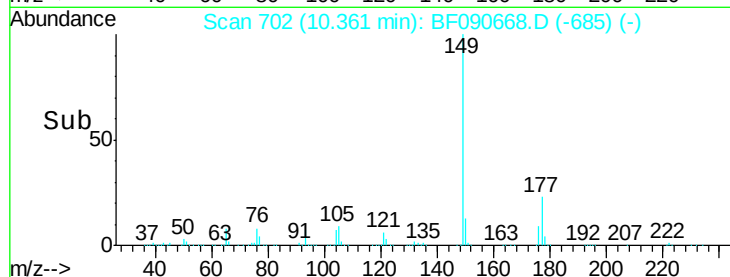
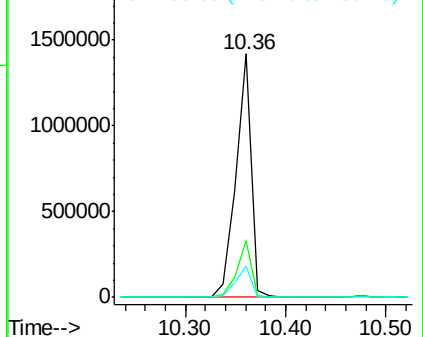
150 13.0 10.3 15.5

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10/20/2016 10:37:01 AM



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: 40.27 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

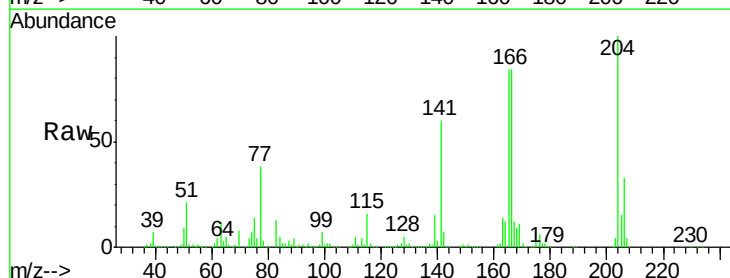
Tgt Ion:204 Resp: 648742

Ion Ratio Lower Upper

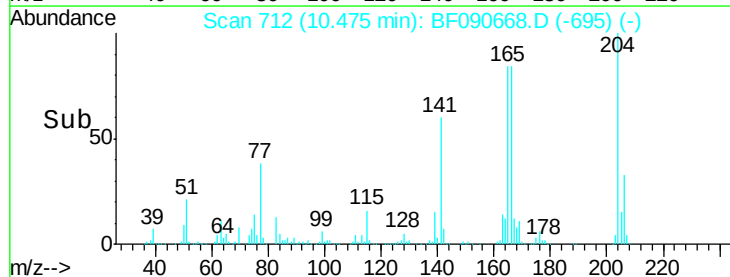
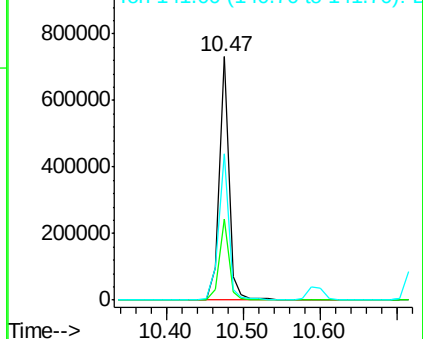
204 100

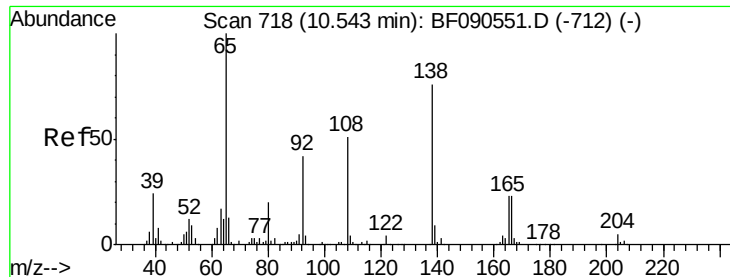
206 33.2 26.5 39.7

141 60.1 47.2 70.8



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





#61

4-Nitroaniline

Concen: 25.17 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

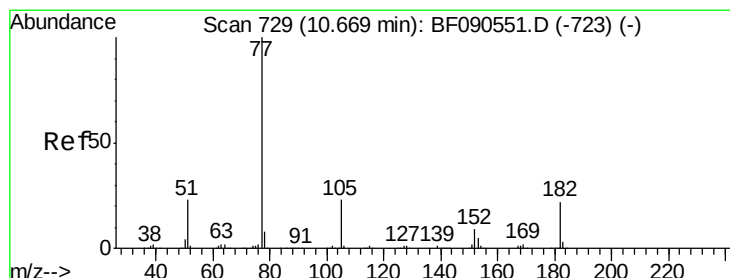
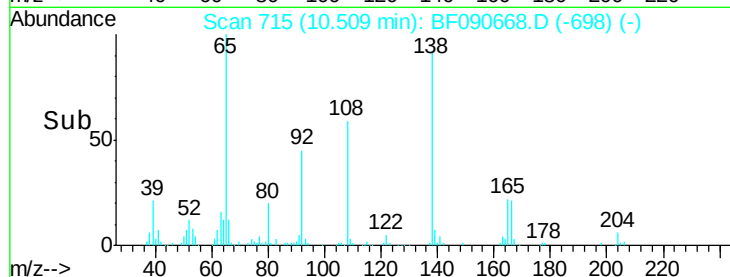
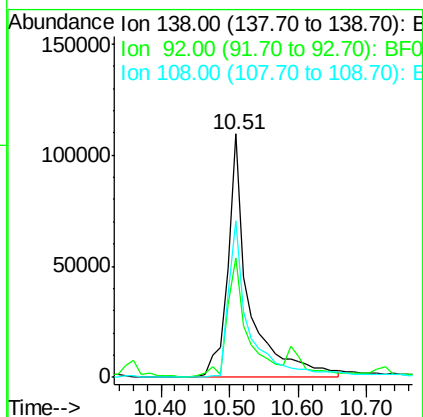
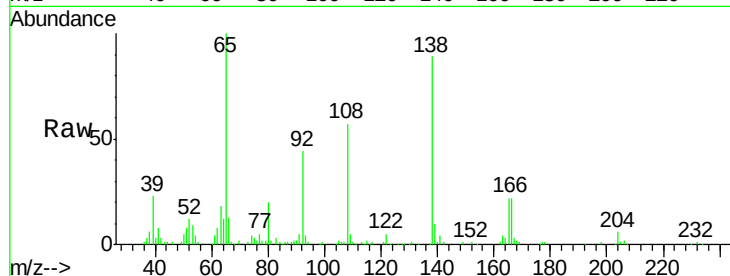
ClientSampled :

PB94179BS

Tot Ion:	138	Resp:	235798
Ion Ratio	Lower	Upper	
138	100		
92	49.1	35.7	75.7
108	64.4	46.9	86.9

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#62

Azobenzene

Concen: 41.52 ng

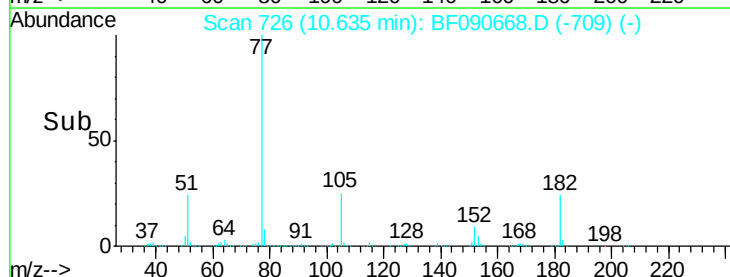
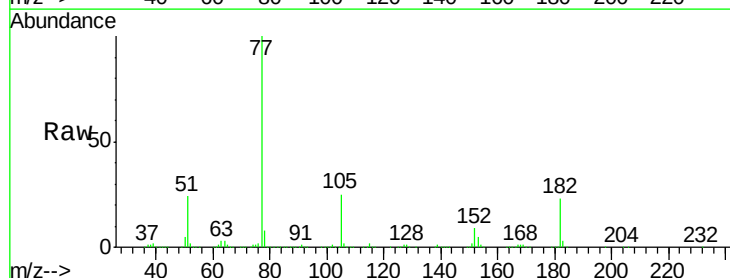
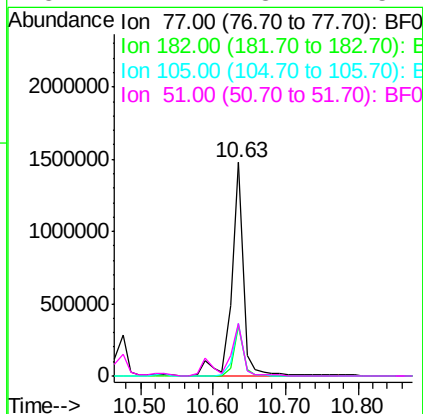
RT: 10.63 min Scan# 726

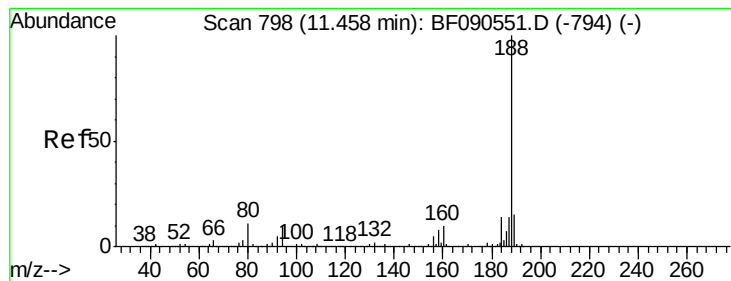
Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion:	77	Resp:	1657419
Ion Ratio	Lower	Upper	
77	100		
182	23.5	2.2	42.2
105	24.9	3.5	43.5
51	24.4	3.7	43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

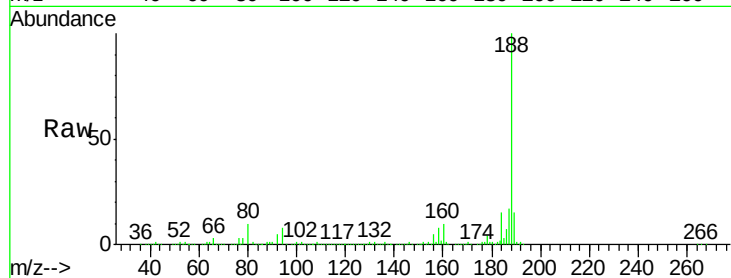
ClientSampleId :

PB94179BS

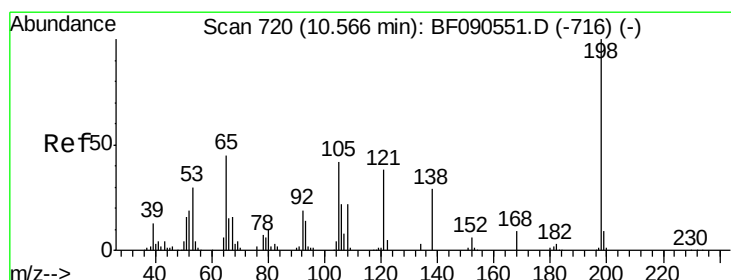
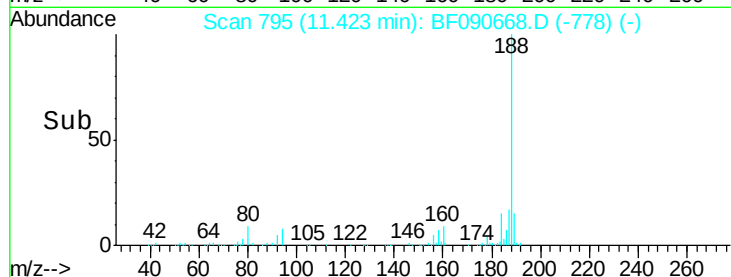
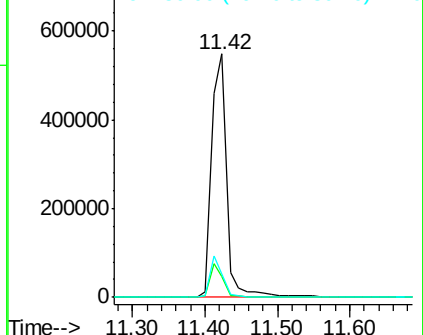
Tot Ion:188	Resp:	794818
Ion Ratio	Lower	Upper
188 100		
94 8.4	7.7	11.5
80 9.6	8.6	12.8

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 10.31 ng

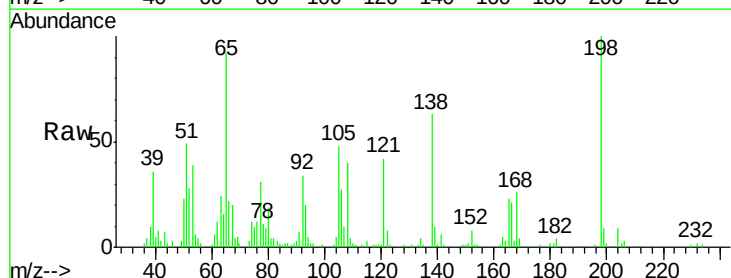
RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

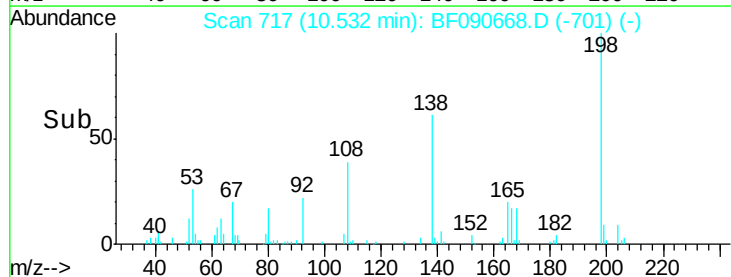
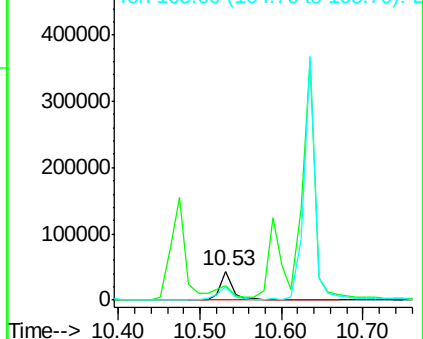
Lab File: BF090668.D

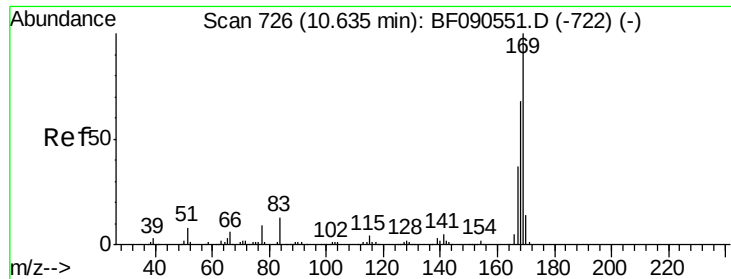
Acq: 20 Oct 2016 00:41

Tgt Ion:198	Resp:	49615
Ion Ratio	Lower	Upper
198 100		
51 49.2	19.7	59.7
105 47.7	22.6	62.6



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.32 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB94179BS

Tot Ion:169 Resp: 1058668

Ion Ratio Lower Upper

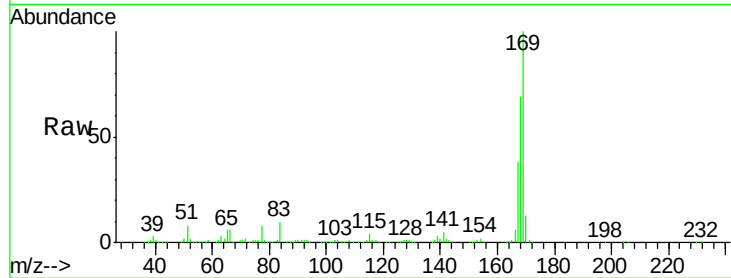
169 100

168 68.8 54.6 81.8

167 38.0 29.8 44.8

Manual Integrations
APPROVED

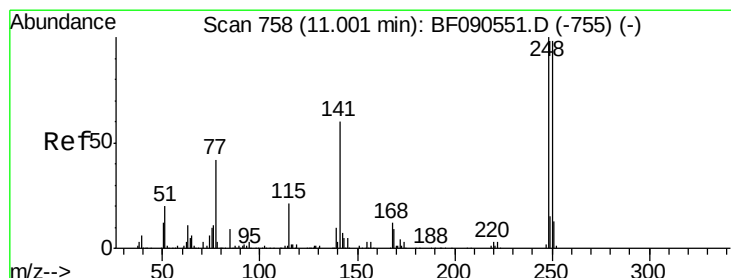
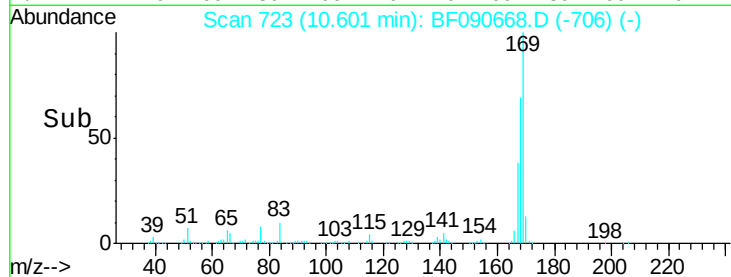
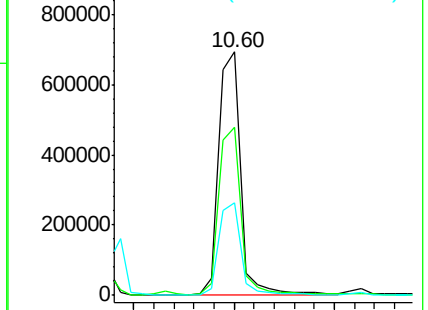
Sohil
10/20/2016 10:37:01 AM



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: 42.05 ng

RT: 10.97 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

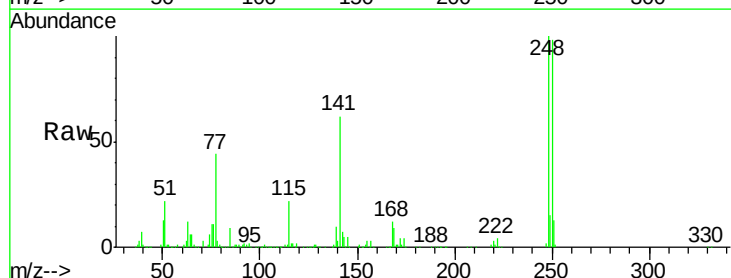
Tgt Ion:248 Resp: 358634

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

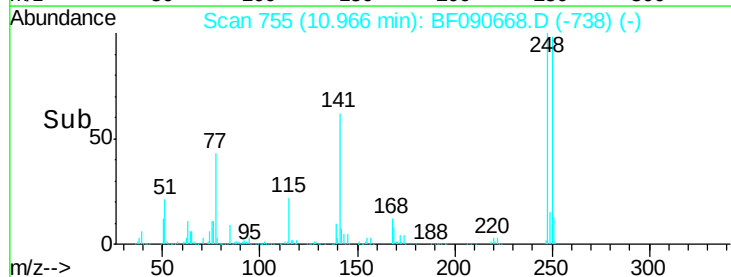
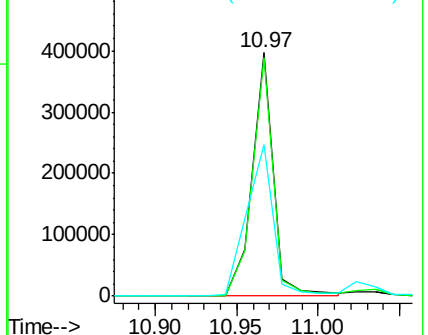
141 62.2 48.4 72.6

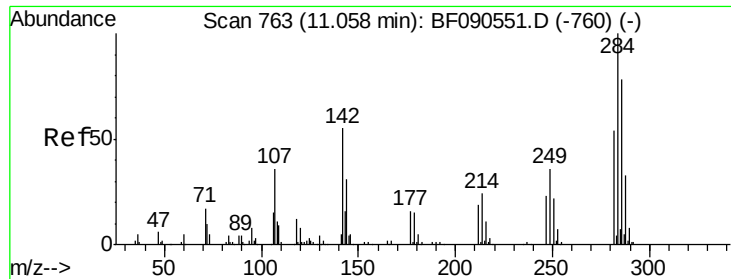


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





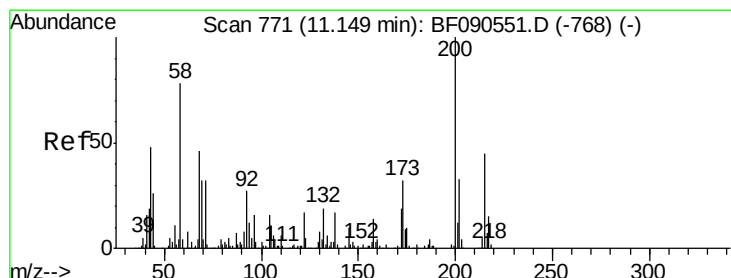
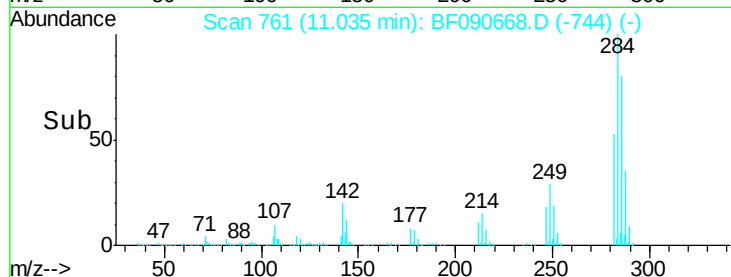
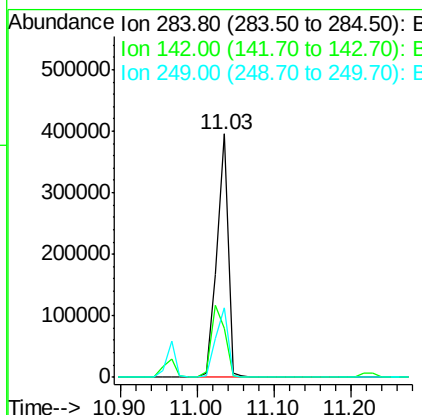
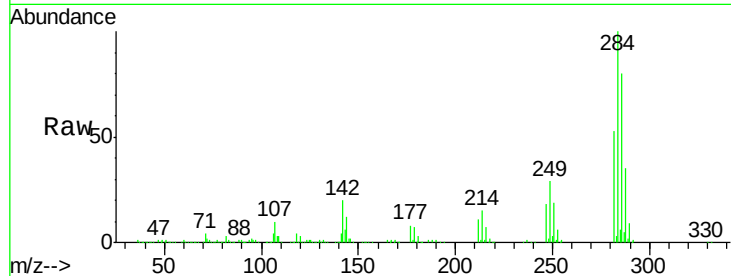
#67
Hexachlorobenzene
Concen: 43.25 ng
RT: 11.03 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampled :
PB94179BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	400511		
142	20.1	44.5	66.7#	
249	28.7	29.6	44.4#	

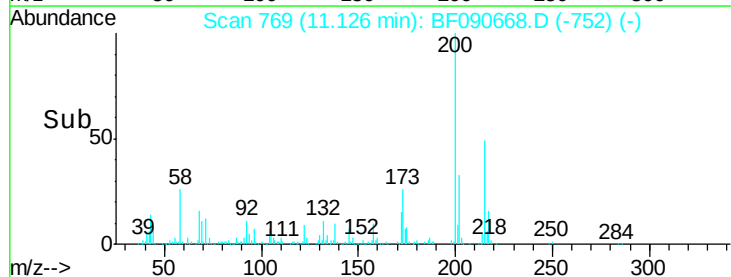
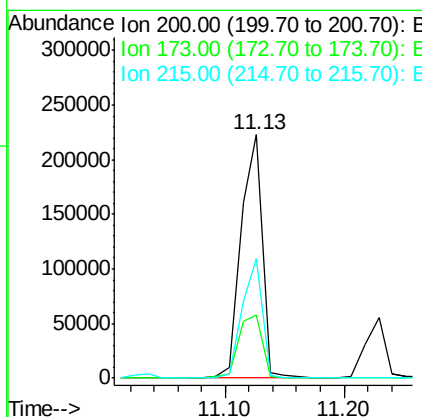
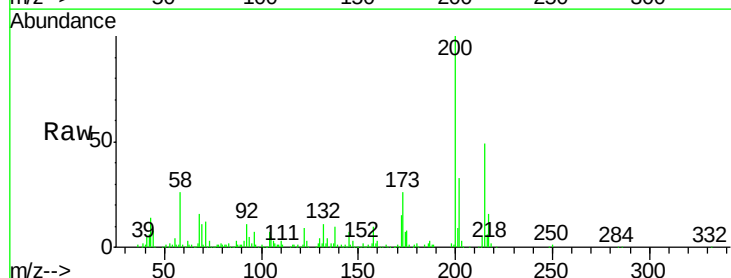
Manual Integrations
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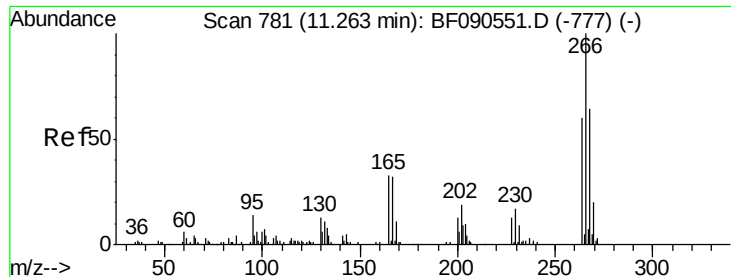
Sohil
10/20/2016 10:37:01 AM



#68
Atrazine
Concen: 38.25 ng
RT: 11.13 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	277744		
173	25.8	12.0	52.0	
215	49.2	25.2	65.2	





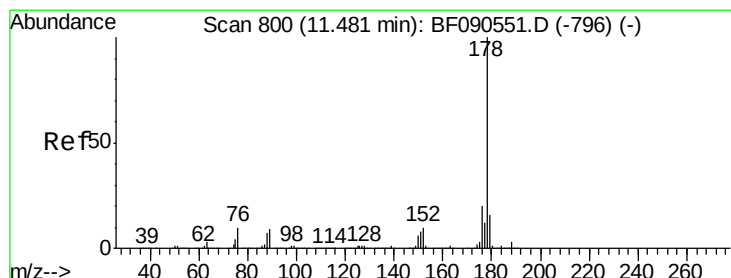
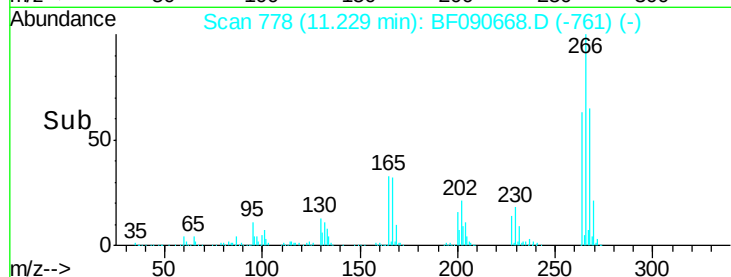
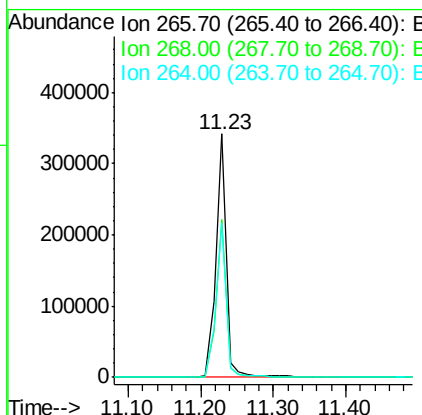
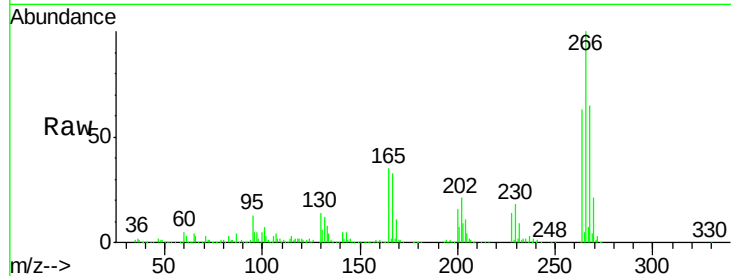
#69
 Pentachlorophenol
 Concen: 74.68 ng
 RT: 11.23 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	342711		
268	64.9	51.5	77.3	
264	63.0	47.9	71.9	

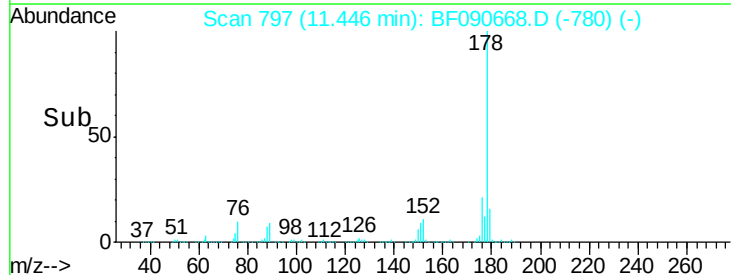
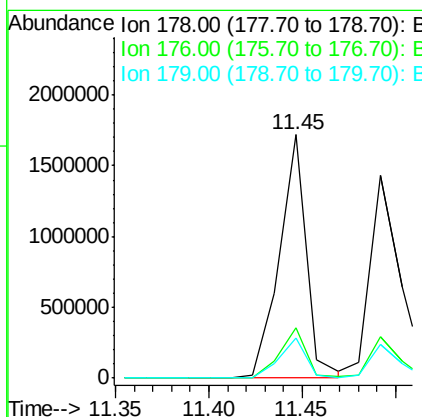
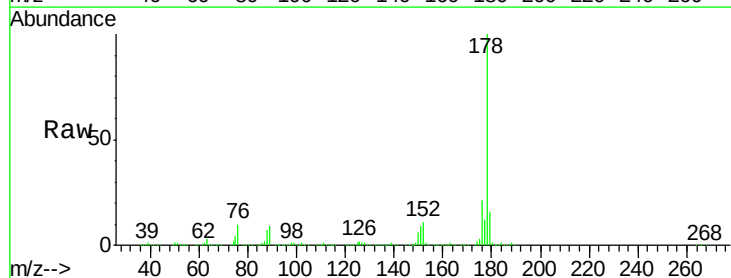
Manual Integrations
 APPROVED

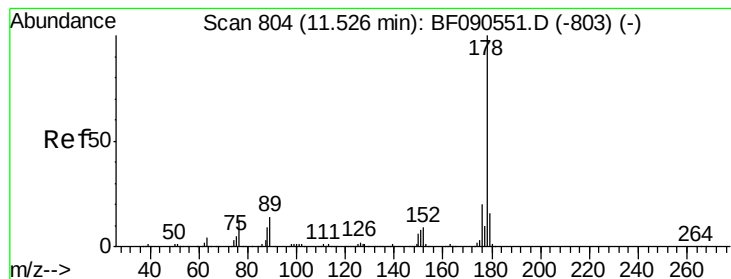
Sohil
 10/20/2016 10:37:01 AM



#70
 Phenanthrene
 Concen: 40.74 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1728732		
176	20.8	16.1	24.1	
179	16.3	12.6	19.0	





#71
 Anthracene
 Concen: 36.48 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

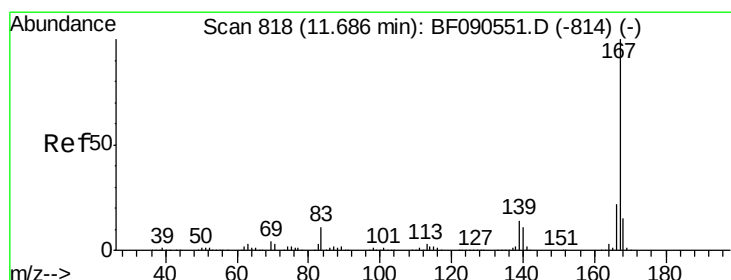
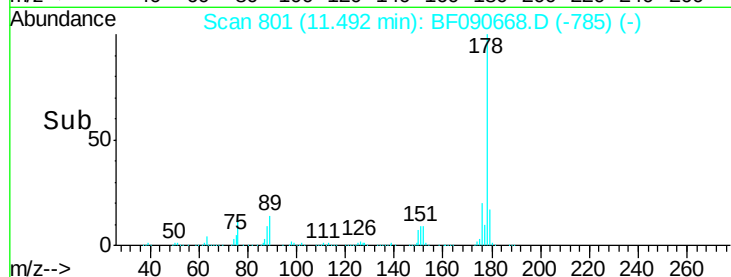
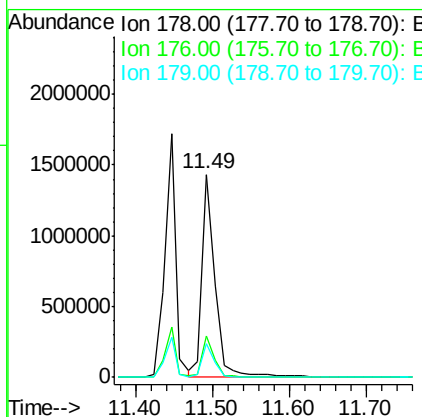
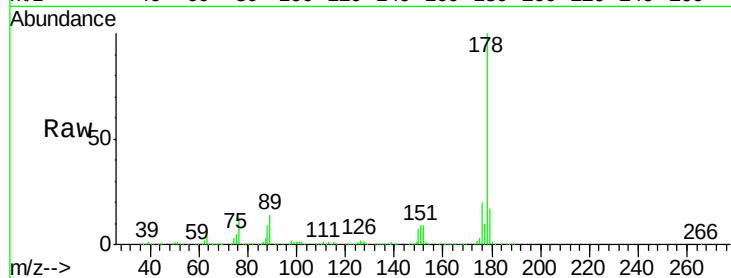
Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion:178 Resp: 1665981

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	16.5	13.0	19.4

Manual Integrations
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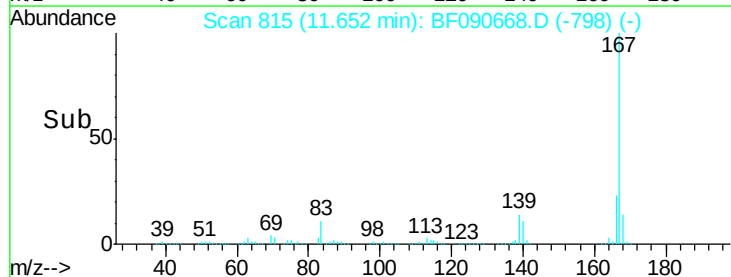
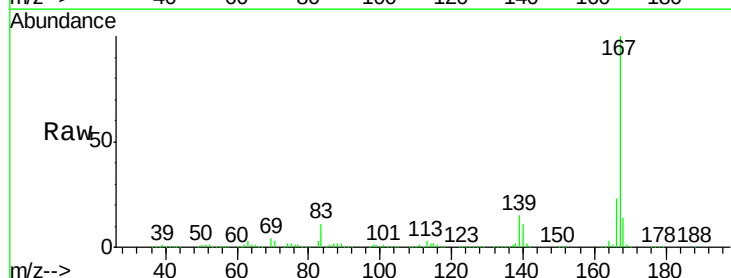
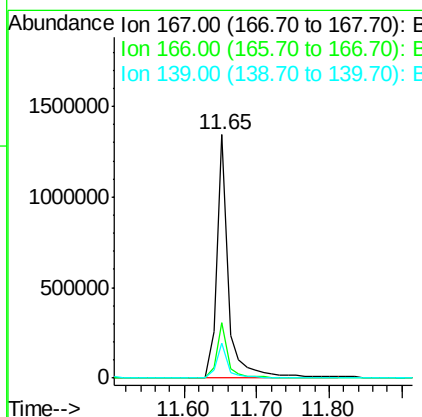
Sohil
 10/20/2016 10:37:01 AM

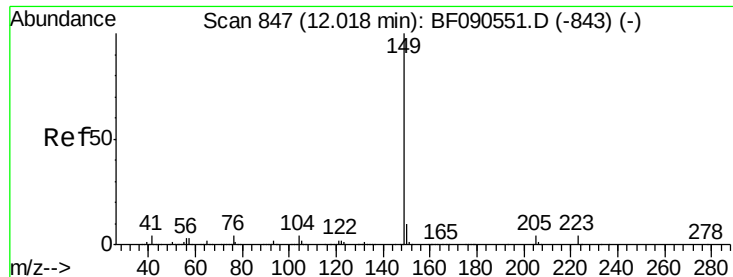


#72
 Carbazole
 Concen: 36.62 ng
 RT: 11.65 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:167 Resp: 1496761

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	14.6	11.3	16.9





#73

Di-n-butylphthalate

Concen: 43.72 ng

RT: 11.98 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

ClientSampled :

PB94179BS

Tot Ion:149 Resp: 2093796

Ion Ratio Lower Upper

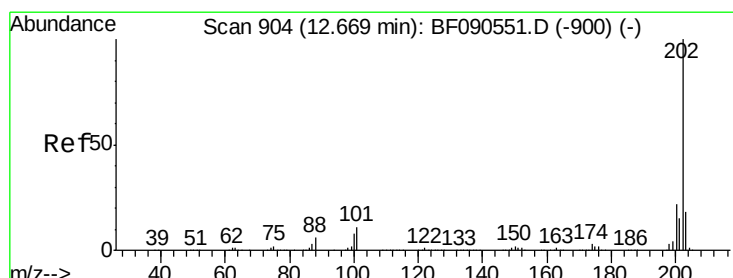
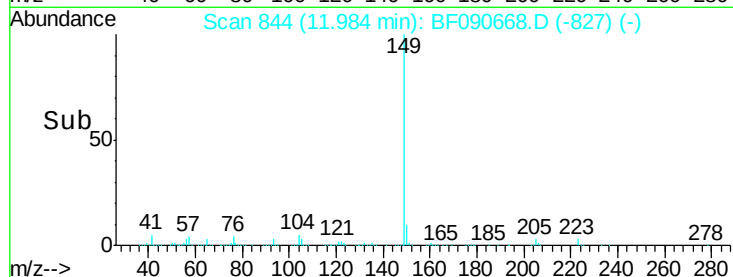
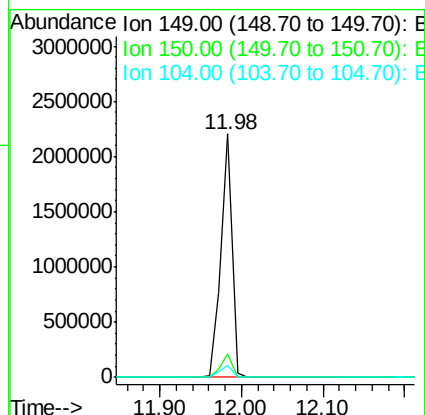
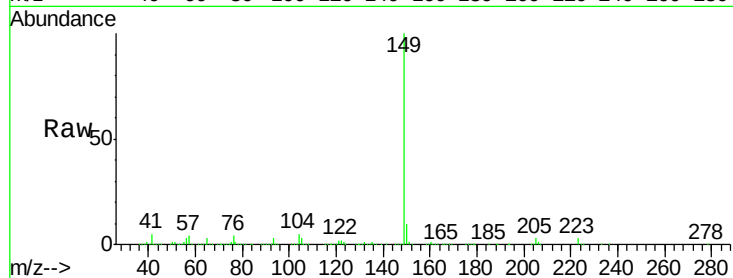
149 100

150 9.8 7.8 11.6

104 4.9 3.3 4.9

Manual Integrations
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10/20/2016 10:37:01 AM



#74

Fluoranthene

Concen: 34.72 ng

RT: 12.64 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

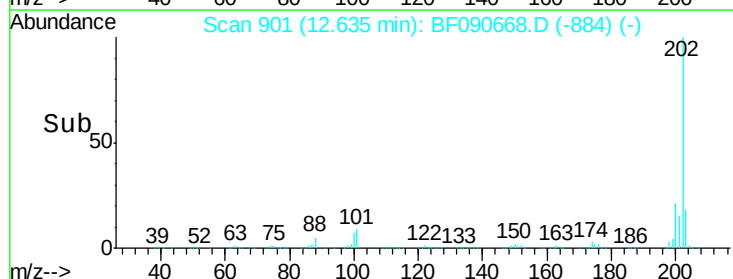
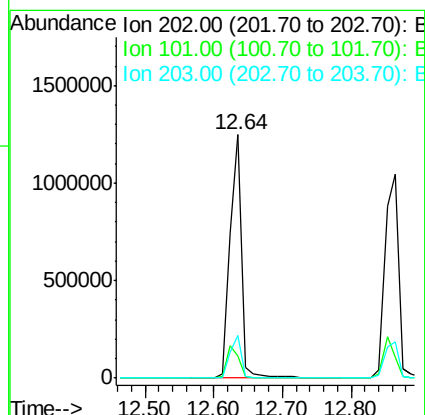
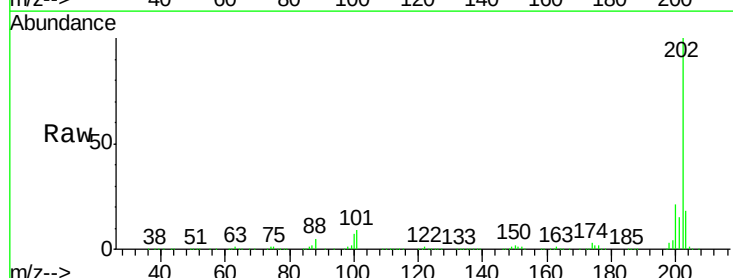
Tgt Ion:202 Resp: 1481649

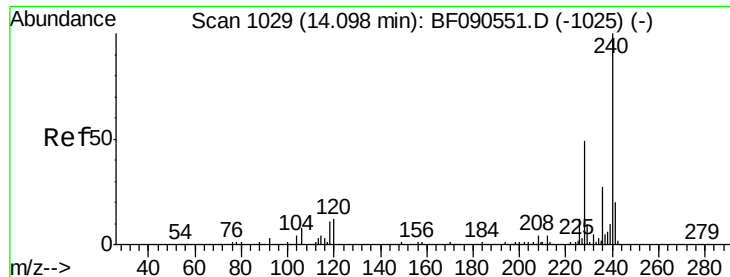
Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.1

203 17.8 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Instrument :

BNA_F

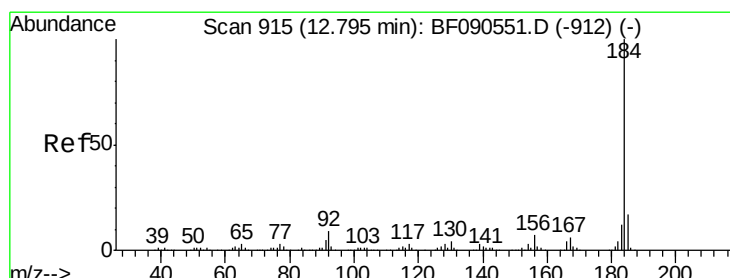
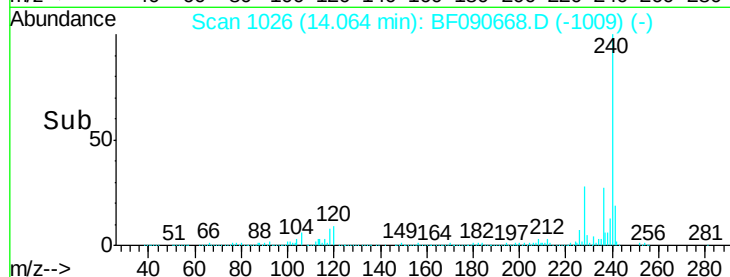
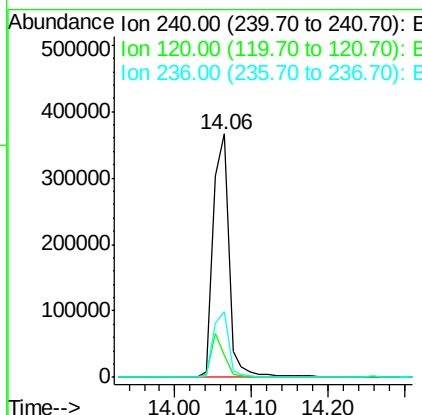
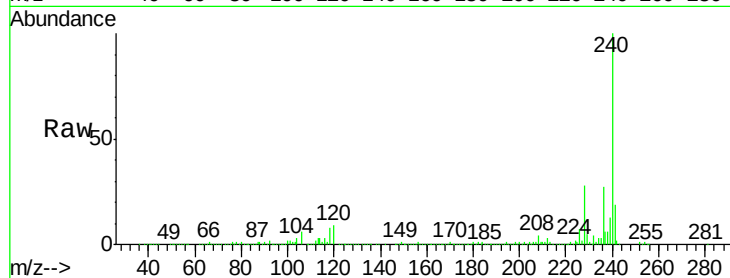
ClientSampled :

PB94179BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.8	14.8#
236	26.7	21.7	32.5

Manual Integrations
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Sohil
10/20/2016 10:37:01 AM



#76

Benzidine

Concen: 5.88 ng

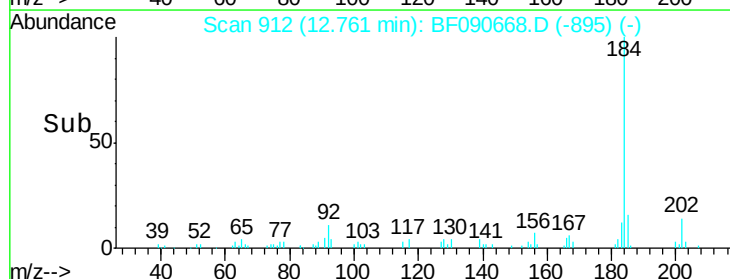
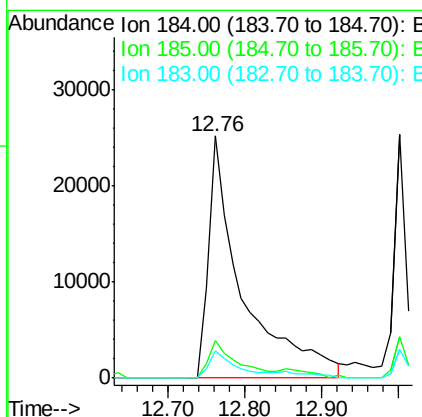
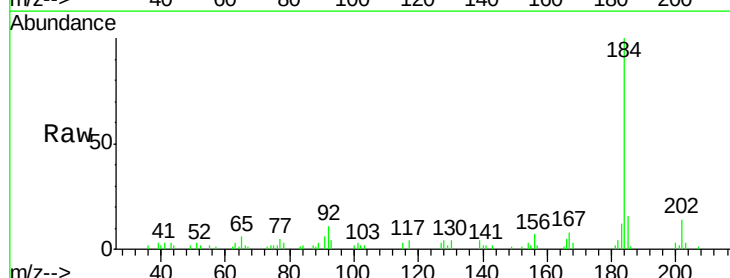
RT: 12.76 min Scan# 912

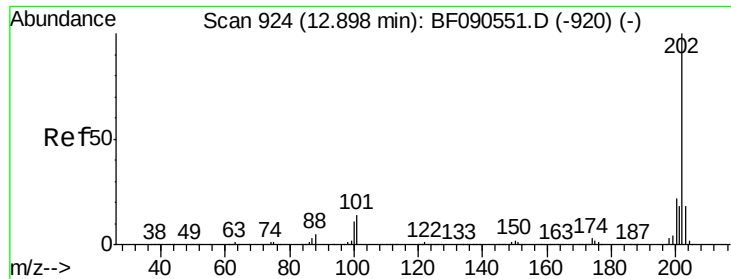
Delta R.T. -0.00 min

Lab File: BF090668.D

Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.4	20.0
183	11.5	9.4	14.0





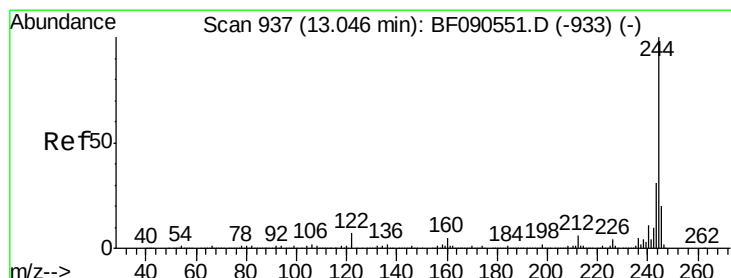
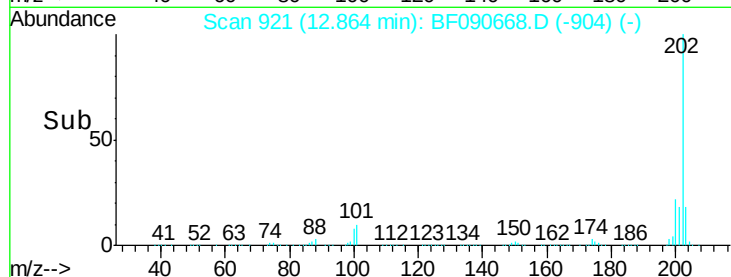
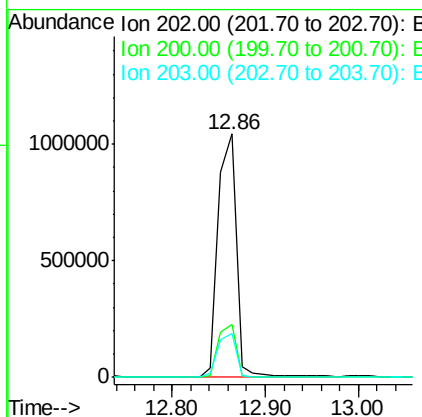
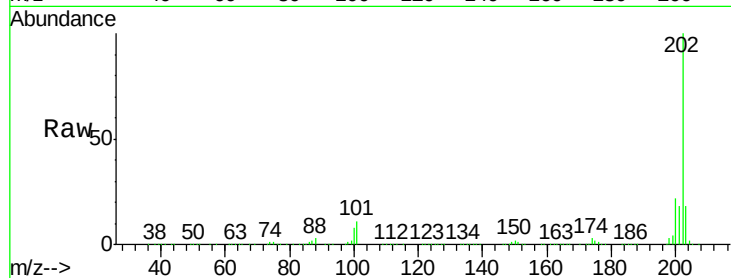
#77
Pvrene
Concen: 40.66 ng
RT: 12.86 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	17.8	14.6	21.8

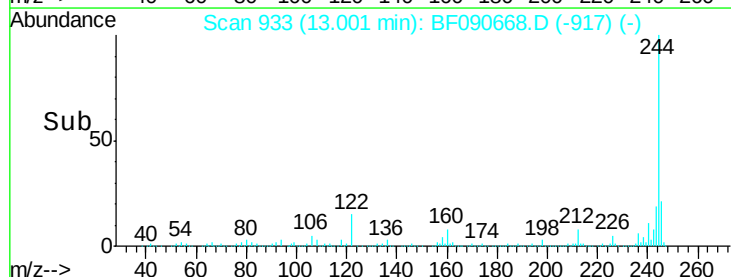
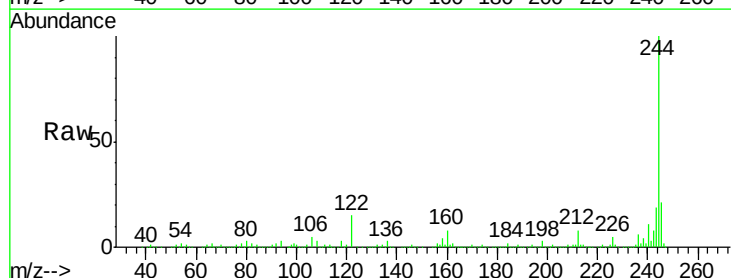
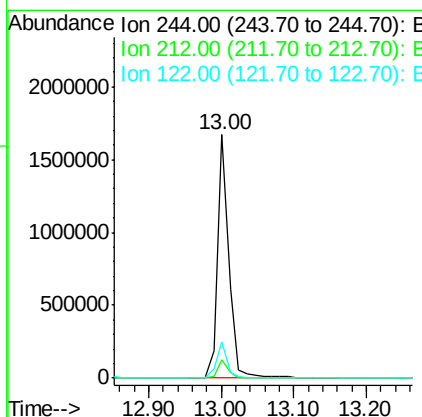
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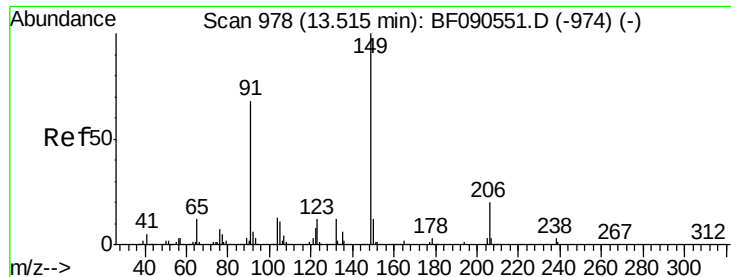
Sohil
10/20/2016 10:37:01 AM



#78
Terphenyl-d14
Concen: 80.47 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.0	7.4#
122	15.0	5.6	8.4#





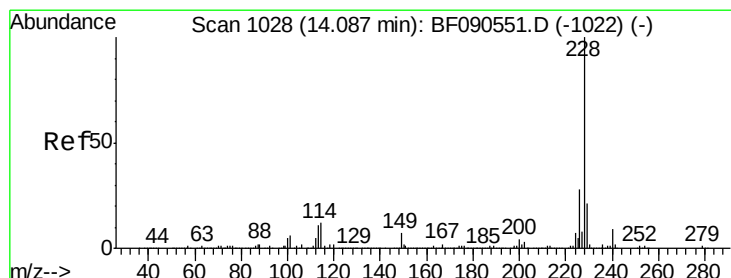
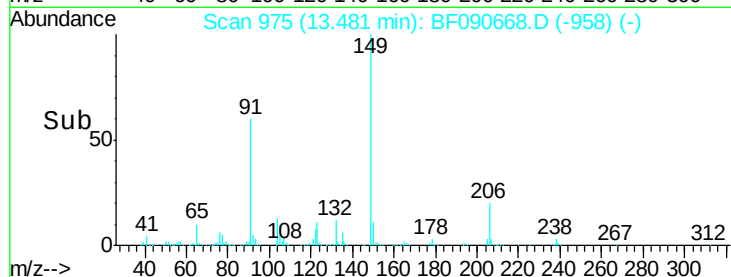
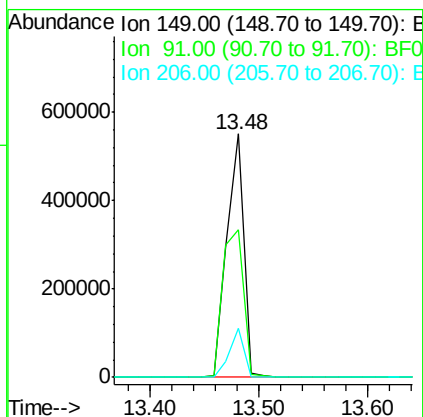
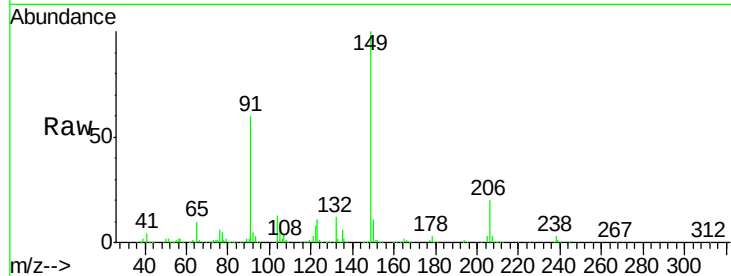
#79
Butylbenzylphthalate
Concen: 38.70 ng
RT: 13.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.4	54.3	81.5
206	20.0	15.8	23.6

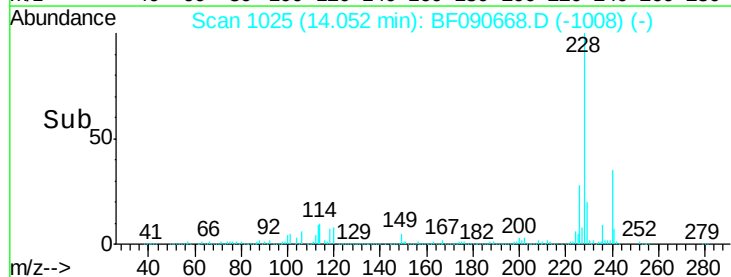
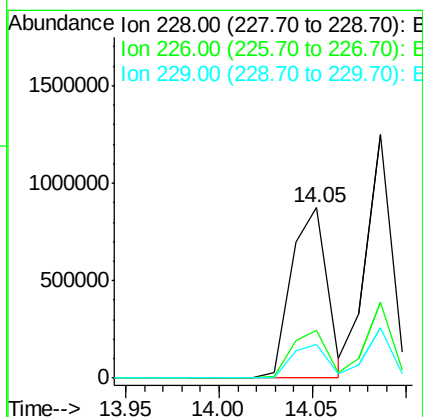
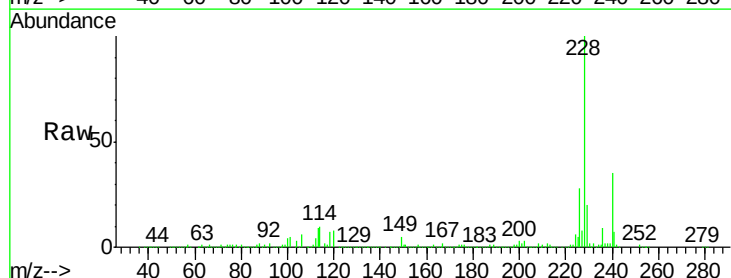
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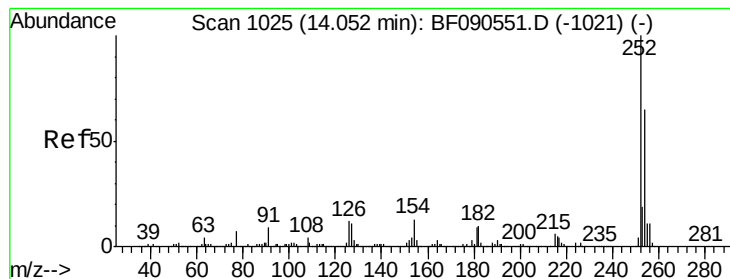
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#80
Benzo(a)anthracene
Concen: 39.12 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.8	34.2
229	20.0	16.6	25.0





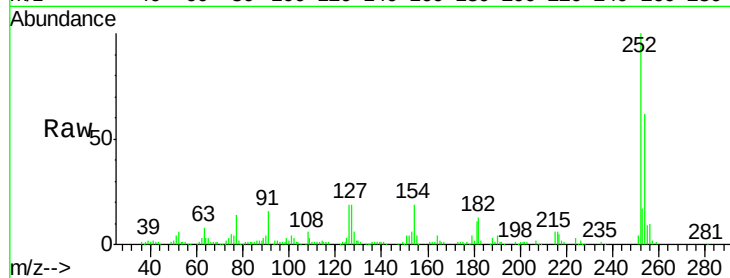
#81
 3,3'-Dichlorobenzidine
 Concen: 14.36 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampled :
 PB94179BS

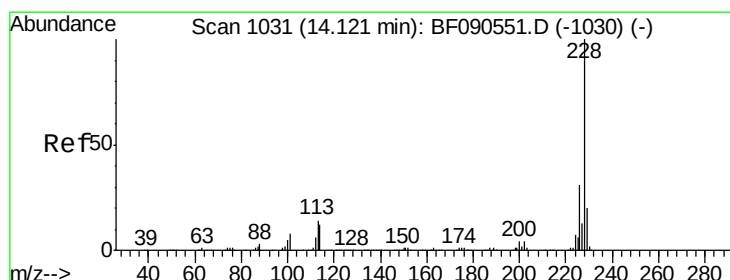
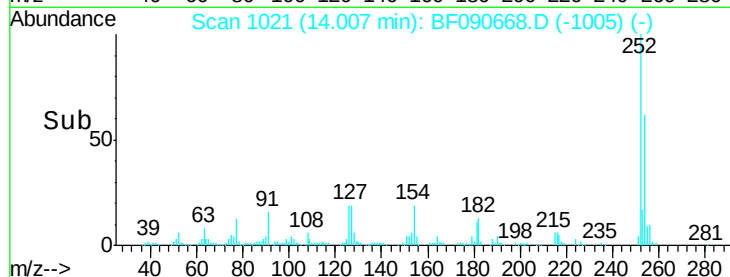
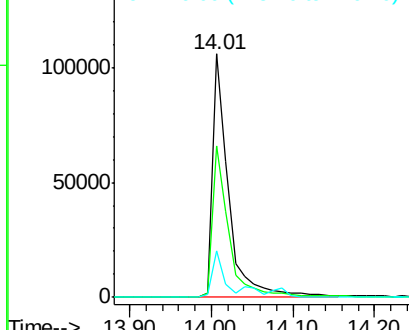
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.3	52.1	78.1
126	19.3	9.3	13.9

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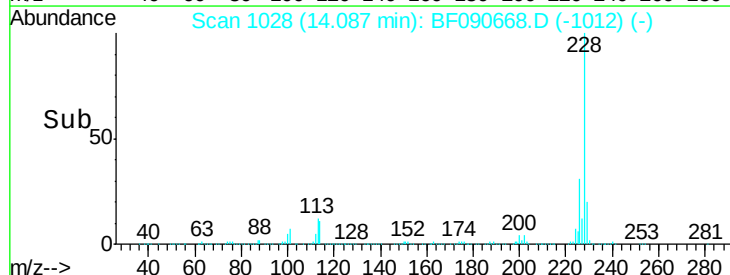
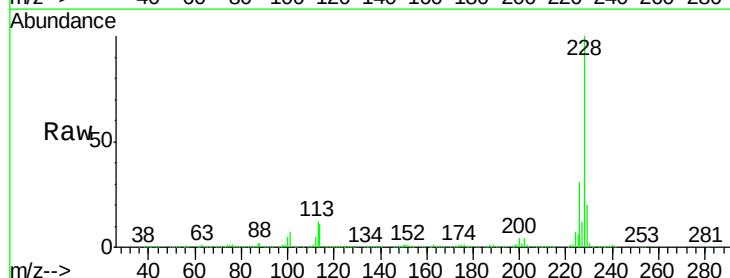
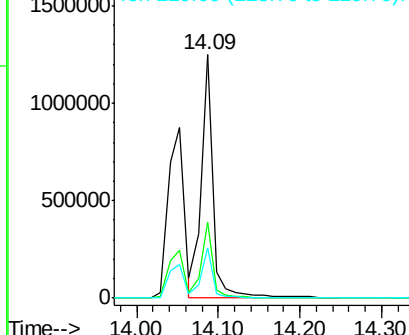
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

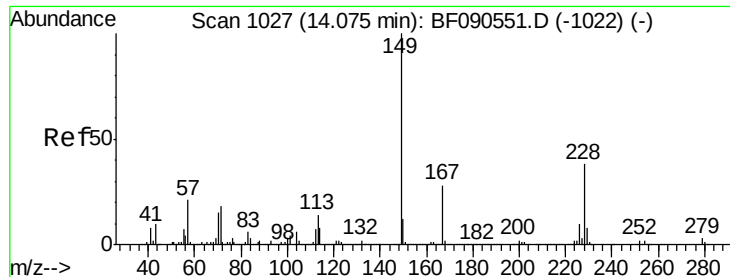


#82
 Chrysene
 Concen: 43.93 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.4	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





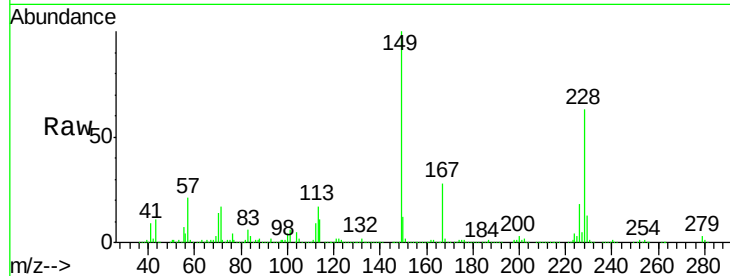
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.15 ng
 RT: 14.04 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

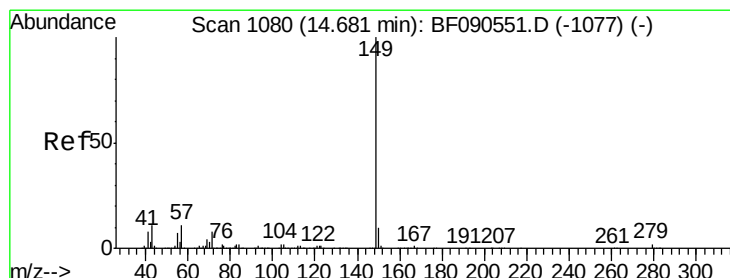
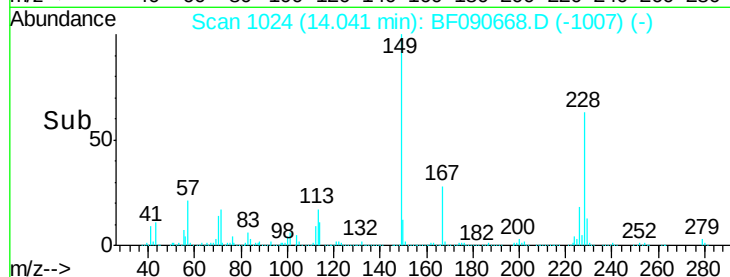
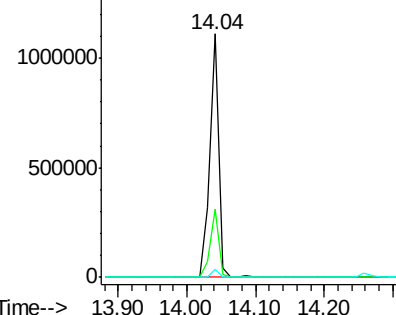
Tot Ion:149 Resp: 1022448
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.1 33.1
 279 3.4 2.6 4.0

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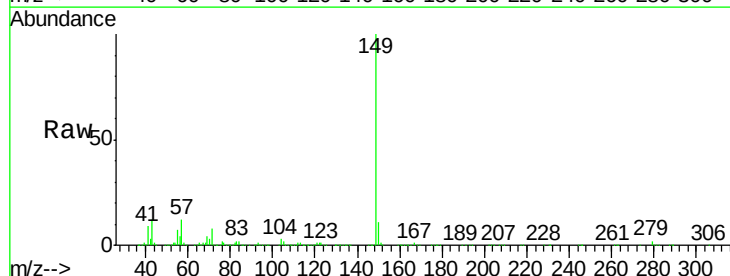


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

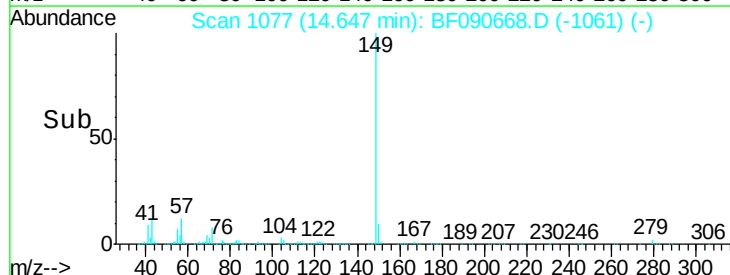
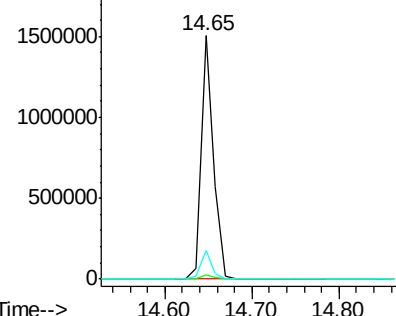


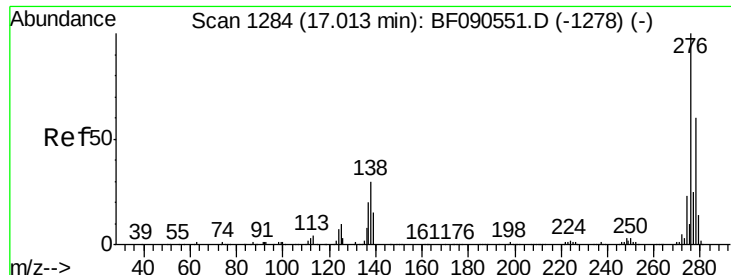
#84
 Di-n-octyl phthalate
 Concen: 53.42 ng
 RT: 14.65 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Tgt Ion:149 Resp: 1489994
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.8 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





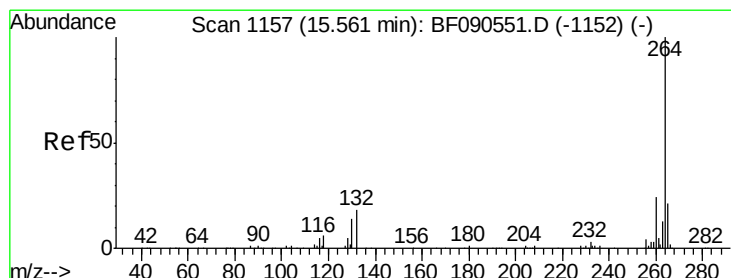
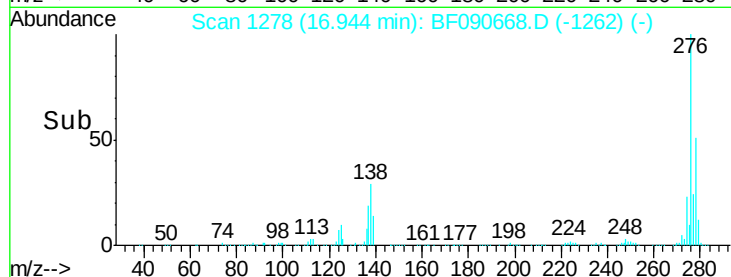
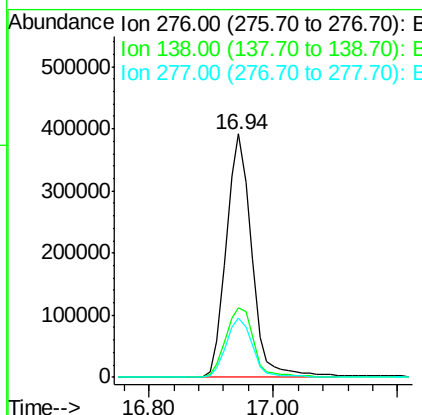
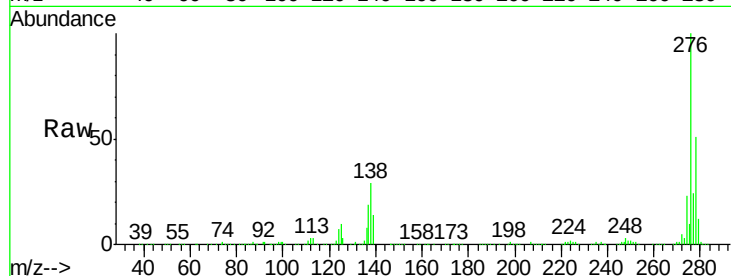
#85
Indeno(1,2,3-cd)pyrene
Concen: 67.35 ng
RT: 16.94 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB94179BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.8	38.6
277	25.2	20.1	30.1

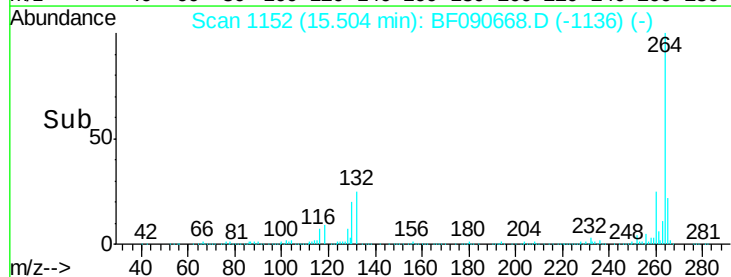
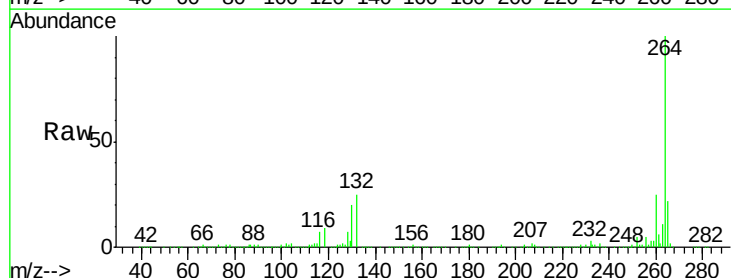
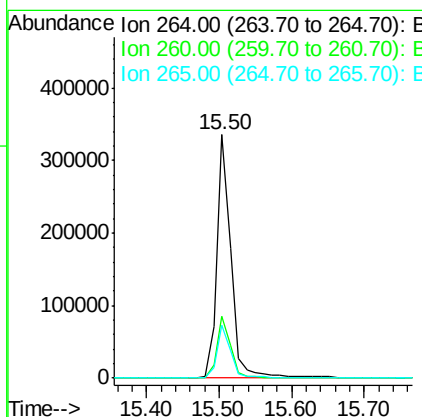
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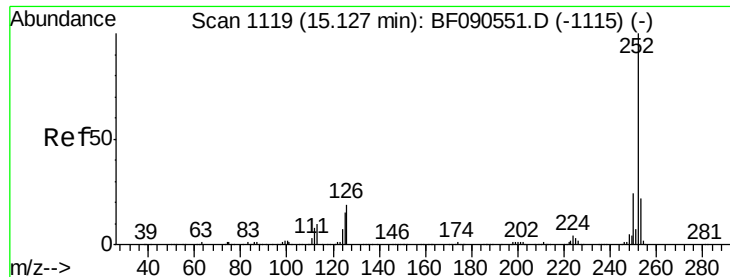
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.9	16.7	25.1





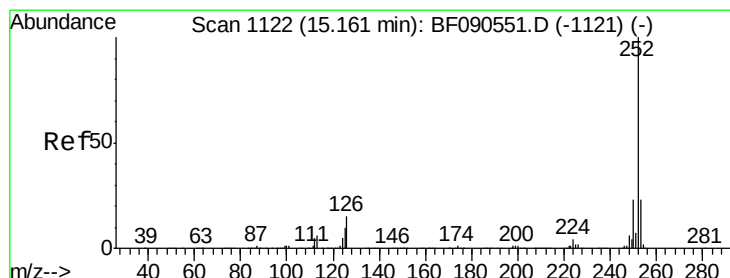
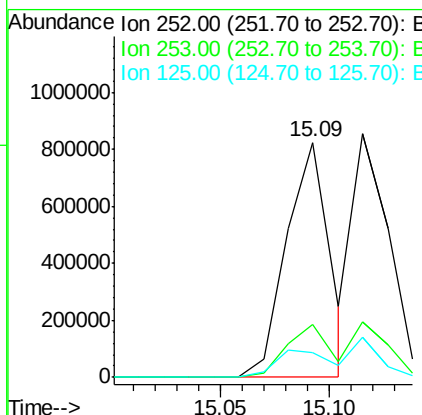
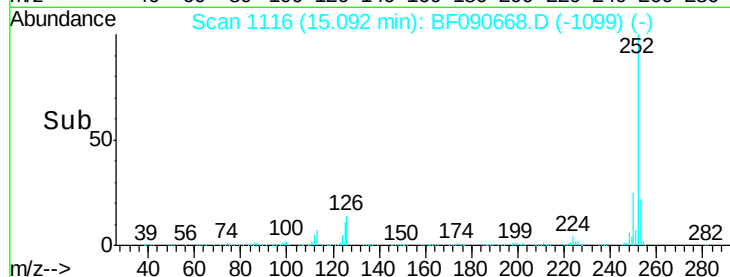
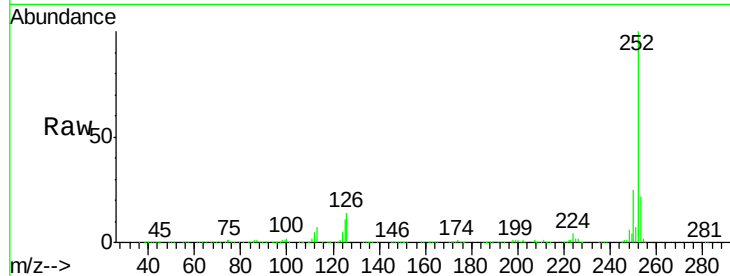
#87
Benzo(b)fluoranthene
Concen: 38.42 ng
RT: 15.09 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampled :
PB94179BS

Tot Ion:252 Resp: 1140088
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 12.0 18.0#

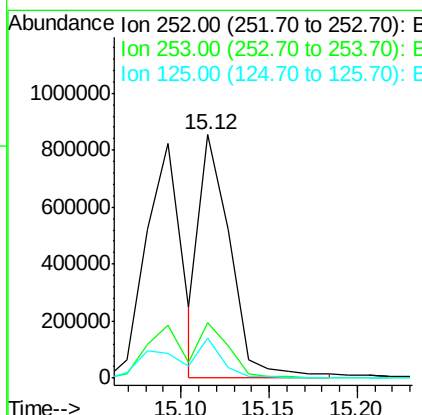
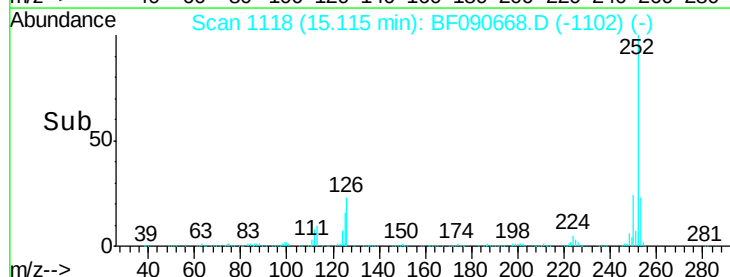
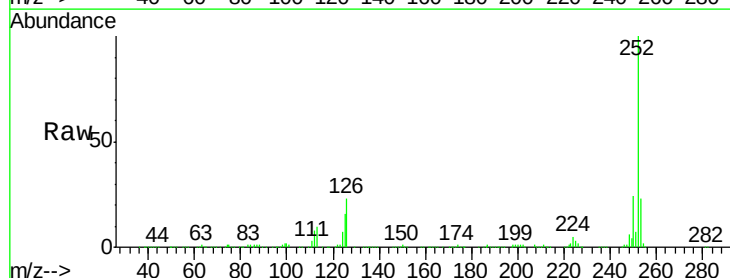
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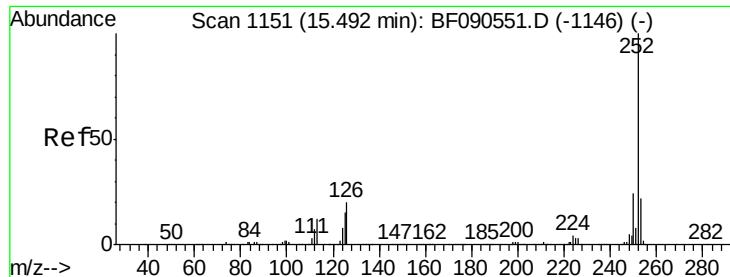
Sohil
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#88
Benzo(k)fluoranthene
Concen: 32.80 ng m
RT: 15.12 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion:252 Resp: 1047289
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 16.4 10.0 15.0#





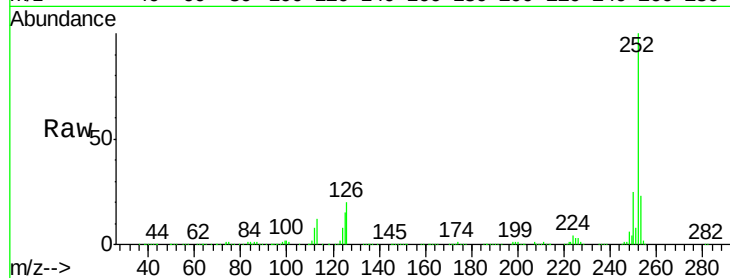
#89
Benzo(a)pyrene
Concen: 38.42 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Instrument :
BNA_F
ClientSampled :
PB94179BS

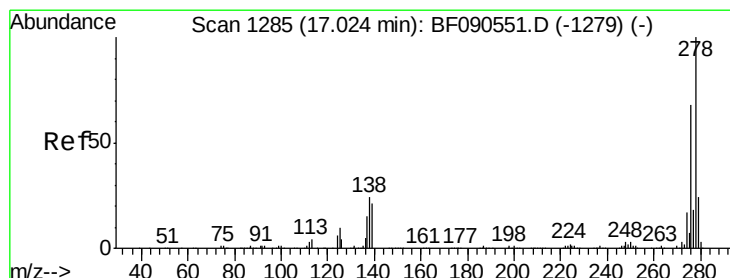
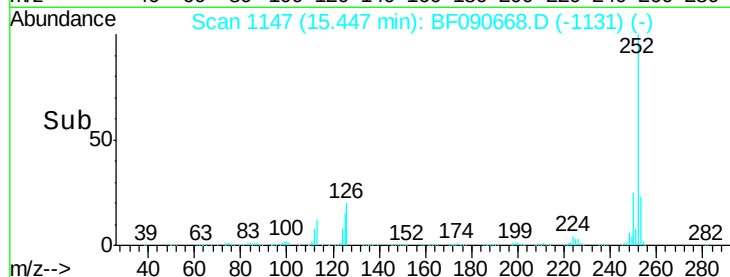
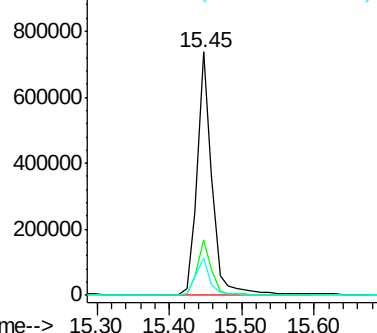
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	15.5	12.3	18.5

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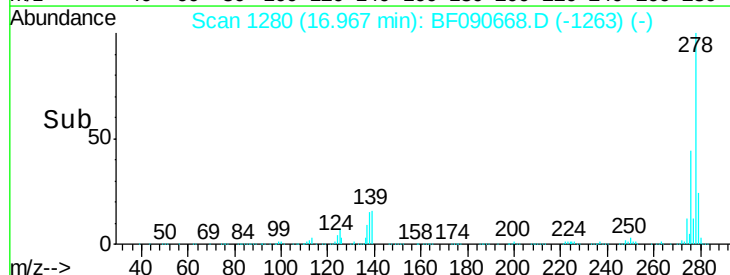
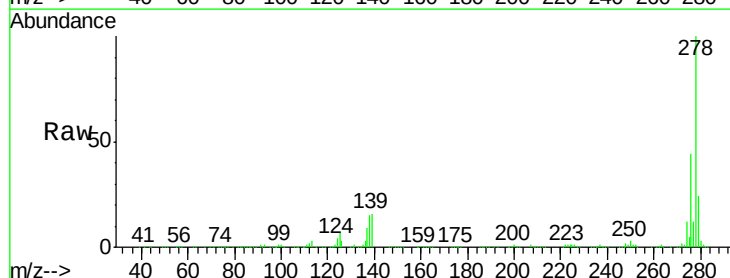
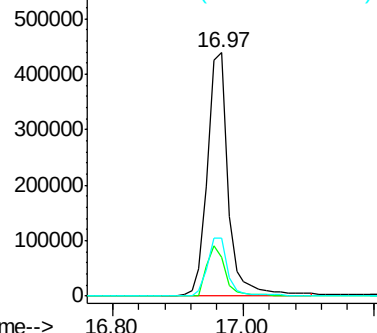
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

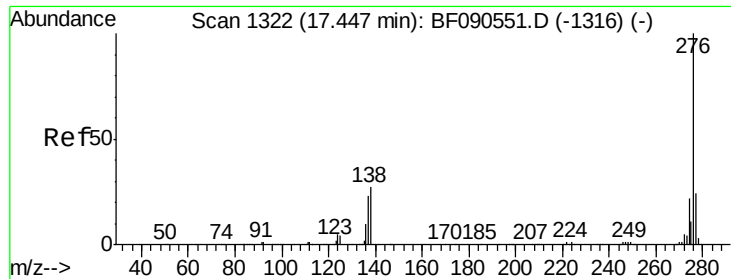


#90
Dibenzo(a,h)anthracene
Concen: 46.92 ng
RT: 16.97 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF090668.D
Acq: 20 Oct 2016 00:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.6	25.0#
279	23.6	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





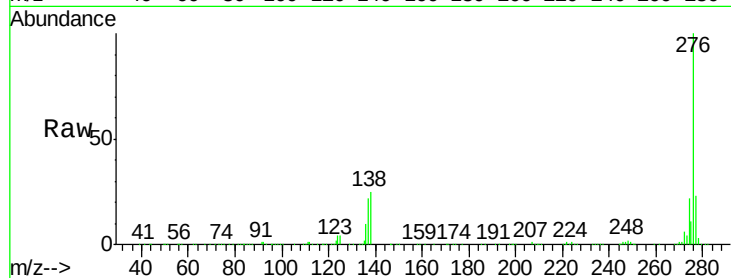
#91
 Benzo(a,h,i)perylene
 Concen: 43.40 ng
 RT: 17.38 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF090668.D
 Acq: 20 Oct 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94179BS

Tot Ion:	276	Resp:	857389
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.8	28.2
138	25.3	21.8	32.8

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

