

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084945.D
 Acq On : 9 Feb 2016 12:02
 Operator : SJ/IZ
 Sample : PB88243BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:44:49 PM

Quant Time: Feb 10 03:45:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	170502	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	708174	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	327456	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	584559	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	417626	20.00	ng	-0.06
86) Perylene-d12	15.14	264	339300	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1310385	119.71	ng	-0.03
7) Phenol-d6	6.30	99	1651512	121.70	ng	-0.03
23) Nitrobenzene-d5	7.21	82	983831	78.26	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	394101	115.38	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1614216	82.04	ng	-0.06
78) Terphenyl-d14	12.74	244	1713689	92.98	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.21	88	152728	31.85	ng	# 75
3) Pyridine	2.85	79	484821	38.81	ng	# 71
4) n-Nitrosodimethylamine	2.81	42	256418	39.69	ng	# 78
6) Aniline	6.30	93	328072	19.76	ng	# 38
8) 2-Chlorophenol	6.43	128	470587	37.98	ng	# 89
9) Benzaldehyde	6.18	77	138448	17.28	ng	# 95
10) Phenol	6.32	94	571128	37.57	ng	# 81
11) bis(2-Chloroethyl)ether	6.38	93	500418	42.21	ng	# 90
12) 1,3-Dichlorobenzene	6.58	146	488073	37.28	ng	# 97
13) 1,4-Dichlorobenzene	6.65	146	480924	36.75	ng	# 97
14) 1,2-Dichlorobenzene	6.81	146	480708	39.44	ng	# 100
15) Benzyl Alcohol	6.80	79	413020	44.08	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	763251	38.27	ng	# 89
17) 2-Methylphenol	6.92	107	403161	41.14	ng	# 89
18) Hexachloroethane	7.15	117	195118	38.72	ng	# 88
19) n-Nitroso-di-n-propylamine	7.07	70	347242	40.82	ng	# 76
20) 3+4-Methylphenols	7.07	107	500949	41.19	ng	# 83
22) Acetophenone	7.06	105	675603	36.20	ng	# 99
24) Nitrobenzene	7.23	77	539050	40.04	ng	# 99
25) Isophorone	7.47	82	920868	37.67	ng	# 97
26) 2-Nitrophenol	7.55	139	273269	41.16	ng	# 97
27) 2,4-Dimethylphenol	7.60	122	437265	37.86	ng	# 95
28) bis(2-Chloroethoxy)methane	7.69	93	546830	37.71	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	378260	38.28	ng	# 94
30) 1,2,4-Trichlorobenzene	7.87	180	435215	39.00	ng	# 96
31) Naphthalene	7.95	128	1371781	38.62	ng	# 99
32) Benzoic acid	7.74	122	262344	35.52	ng	# 92
33) 4-Chloroaniline	8.01	127	171043	11.64	ng	# 91
34) Hexachlorobutadiene	8.06	225	231309	35.94	ng	# 97
35) Caprolactam	8.38	113	128526m	42.20	ng	# 94
36) 4-Chloro-3-methylphenol	8.51	107	467675	41.49	ng	# 98
37) 2-Methylnaphthalene	8.64	142	896888	40.34	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	404359	38.88	ng	# 99
40) Hexachlorocyclopentadiene	8.80	237	365305	79.69	ng	# 97

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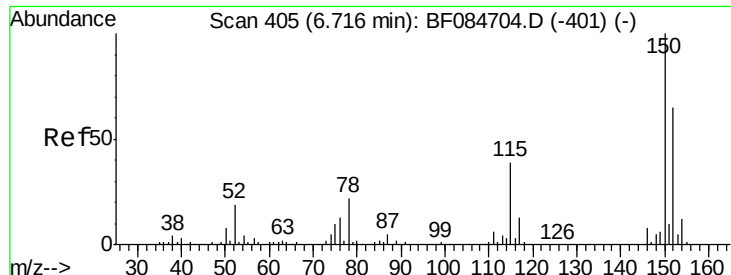
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	266244	39.74	nq	96
43) 2,4,5-Trichlorophenol	8.97	196	260907	38.33	nq	# 87
45) 1,1'-Biphenyl	9.10	154	1173386	40.12	nq	97
46) 2-Chloronaphthalene	9.13	162	852922	39.60	nq	# 89
47) 2-Nitroaniline	9.23	65	301231	44.17	nq	89
48) Acenaphthylene	9.54	152	1328810	40.65	nq	98
49) Dimethylphthalate	9.41	163	911062	36.53	nq	# 90
50) 2,6-Dinitrotoluene	9.47	165	195262	35.84	nq	# 47
51) Acenaphthene	9.71	154	867082	40.78	nq	96
52) 3-Nitroaniline	9.64	138	121078	19.78	nq	# 73
53) 2,4-Dinitrophenol	9.76	184	213720	84.63	nq	93
54) Dibenzofuran	9.88	168	1157186	44.52	nq	97
55) 4-Nitrophenol	9.82	139	257823	57.30	nq	# 75
56) 2,4-Dinitrotoluene	9.88	165	294307	42.35	nq	91
57) Fluorene	10.22	166	913414	42.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	223103	43.05	nq	# 85
59) Diethylphthalate	10.11	149	901566	37.02	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	373768	40.22	nq	90
61) 4-Nitroaniline	10.26	138	234489	39.31	nq	83
62) Azobenzene	10.37	77	975926	41.68	nq	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	134545	37.29	nq	# 52
65) n-Nitrosodiphenylamine	10.34	169	745038	40.14	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	280479	43.44	nq	# 93
67) Hexachlorobenzene	10.76	284	272928	38.80	nq	# 83
68) Atrazine	10.88	200	280397	47.84	nq	97
69) Pentachlorophenol	10.97	266	229767	69.49	nq	98
70) Phenanthrene	11.17	178	1226533	37.83	nq	97
71) Anthracene	11.23	178	1395200	42.71	nq	100
72) Carbazole	11.39	167	1260124	44.23	nq	98
73) Di-n-butylphthalate	11.72	149	1411865	38.93	nq	# 97
74) Fluoranthene	12.35	202	1291046	39.34	nq	99
76) Benzidine	12.49	184	388366	26.72	nq	98
77) Pyrene	12.58	202	1230416	38.48	nq	99
79) Butylbenzylphthalate	13.22	149	622440	42.91	nq	# 89
80) Benzo(a)anthracene	13.77	228	1068101	41.21	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	156205	17.02	nq	# 94
82) Chrysene	13.80	228	857206	34.10	nq	100
83) Bis(2-ethylhexyl)phthalate	13.78	149	785113	43.49	nq	# 97
84) Di-n-octyl phthalate	14.39	149	1187569	39.88	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.40	276	825549	41.73	nq	98
87) Benzo(b)fluoranthene	14.77	252	977114m	42.86	nq	
88) Benzo(k)fluoranthene	14.80	252	689908m	36.60	nq	
89) Benzo(a)pyrene	15.08	252	779062	40.11	nq	# 95
90) Dibenzo(a,h)anthracene	16.41	278	679526	41.56	nq	98
91) Benzo(g,h,i)perylene	16.77	276	698833	42.43	nq	99

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



#1

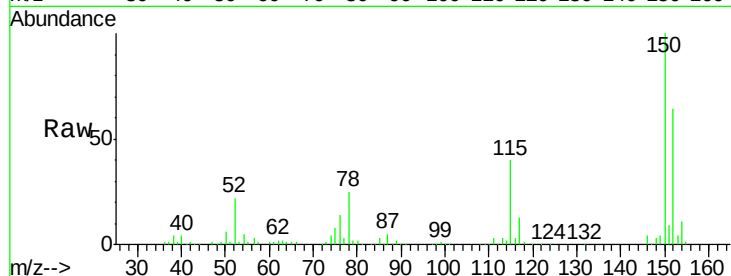
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

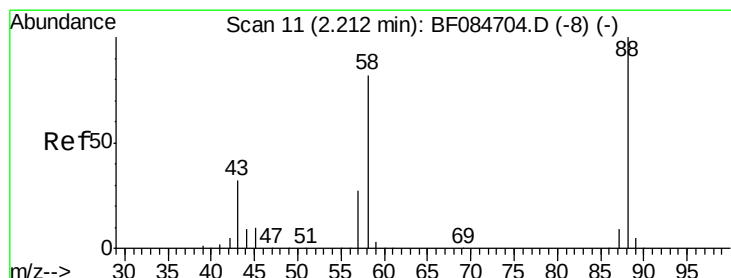
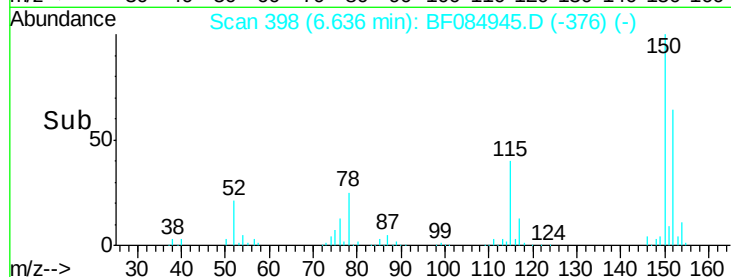
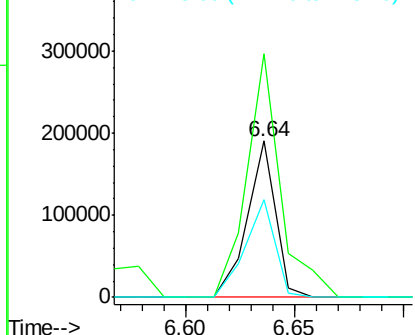
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.4
115	62.3	51.4	77.2

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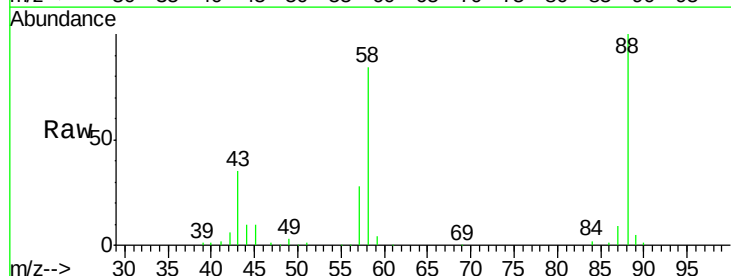
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



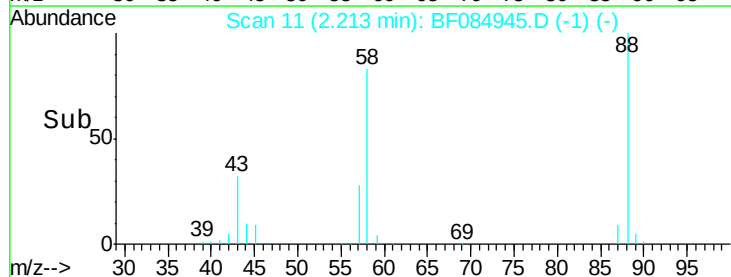
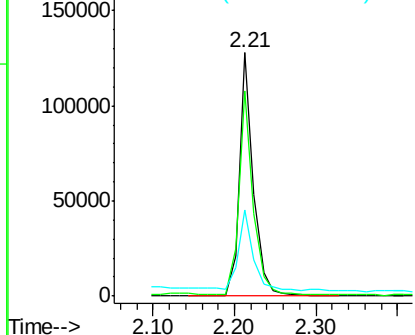
#2

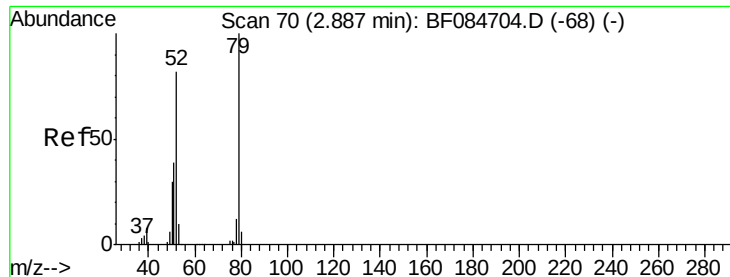
1,4-Dioxane
Concen: 31.85 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.03 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	51.2	76.8#
43	34.8	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.81 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

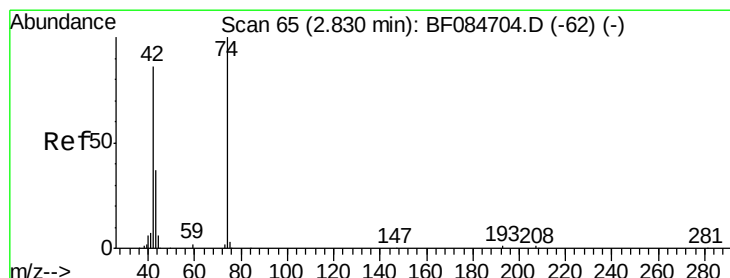
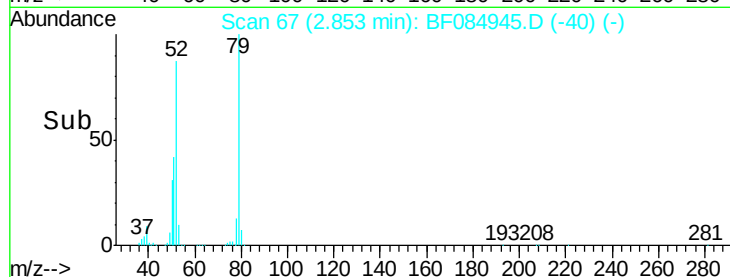
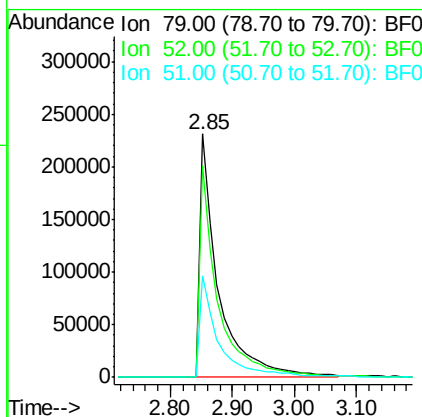
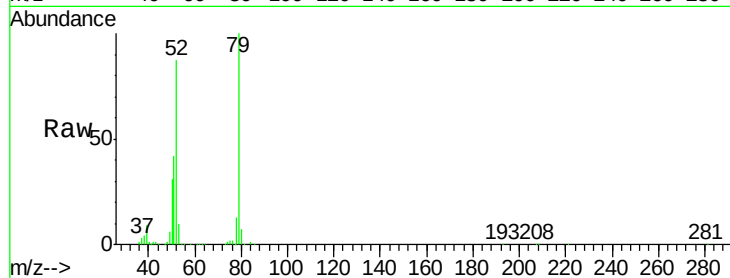
ClientSampleId :

PB88243BS

Tot Ion:	79	Resp:	484821
Ion Ratio	Lower	Upper	
79	100		
52	86.9	49.0	73.4#
51	41.9	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 39.69 ng

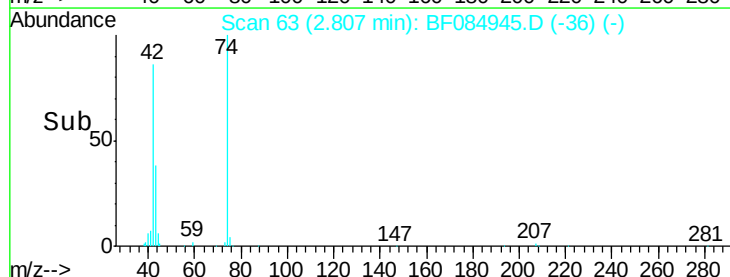
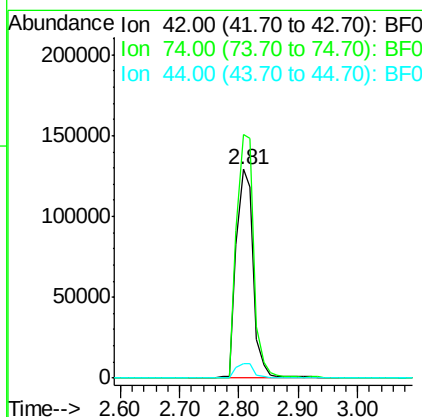
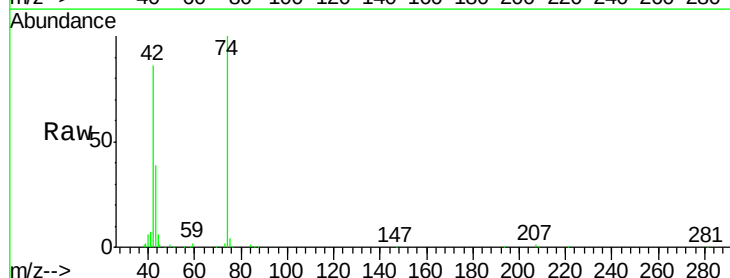
RT: 2.81 min Scan# 63

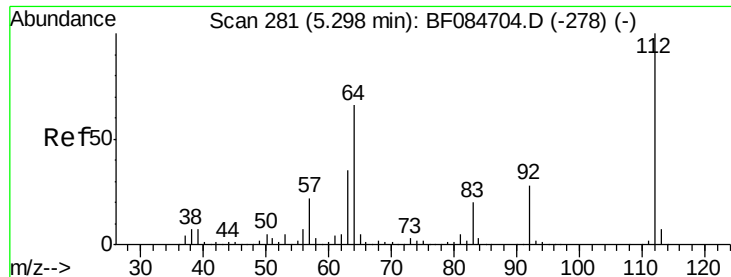
Delta R.T. 0.01 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	42	Resp:	256418
Ion Ratio	Lower	Upper	
42	100		
74	116.8	115.7	173.5
44	7.1	5.1	7.7





#5

2-Fluorophenol

Concen: 119.71 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Tot Ion: 112 Resp: 1310385

Ion Ratio Lower Upper

112 100

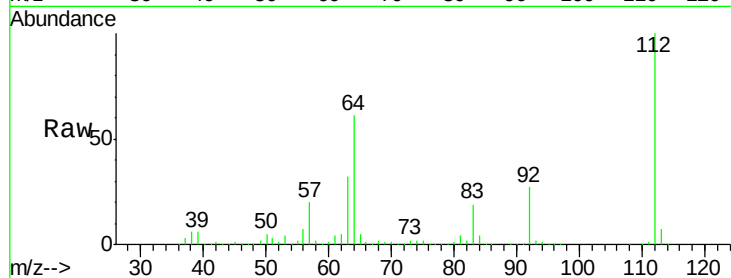
64 61.2 36.6 55.0#

63 32.3 19.4 29.0#

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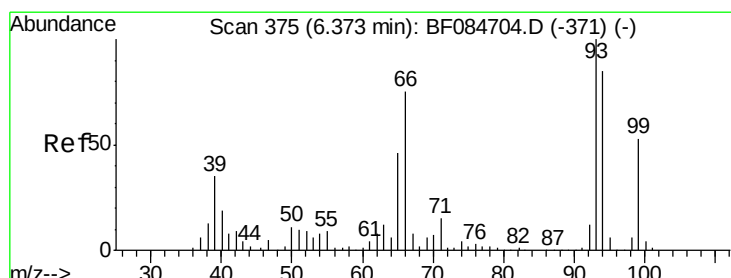
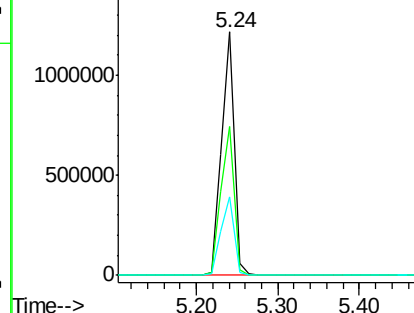
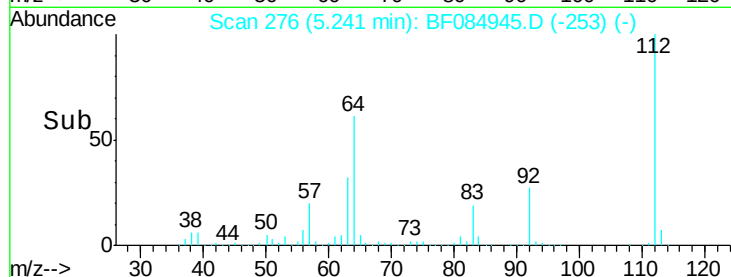
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.76 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

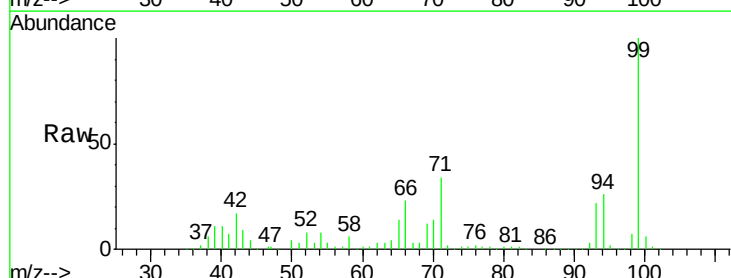
Tgt Ion: 93 Resp: 328072

Ion Ratio Lower Upper

93 100

66 103.5 44.9 67.3#

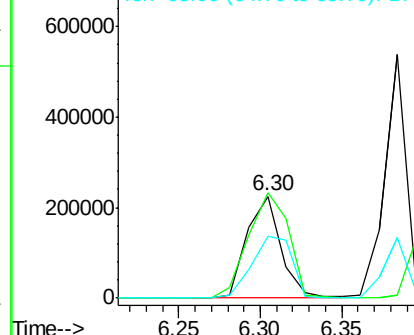
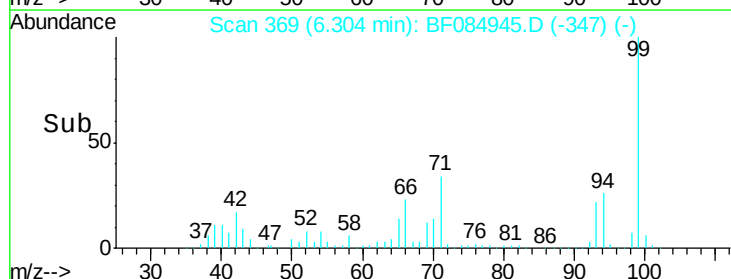
65 60.4 23.7 35.5#

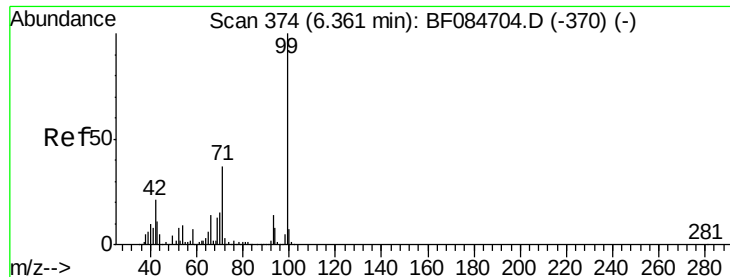


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.70 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampled :

PB88243BS

Tot Ion: 99 Resp: 1651512

Ion Ratio Lower Upper

99 100

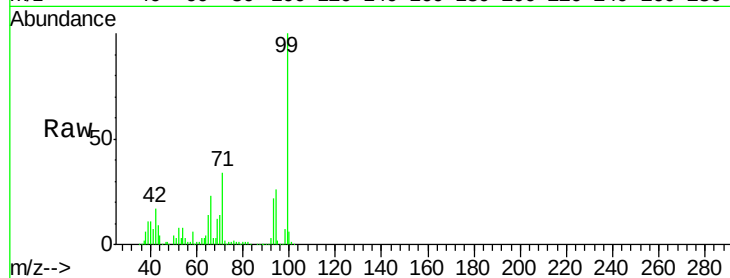
42 17.0 12.8 19.2

71 33.8 30.9 46.3

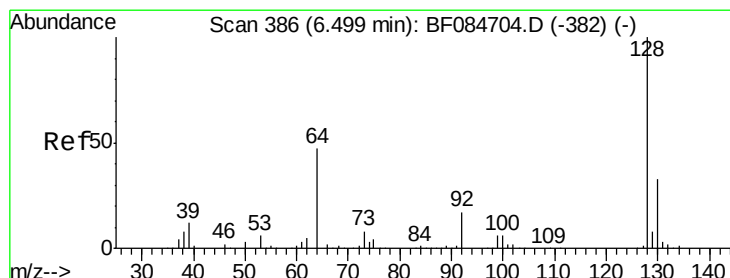
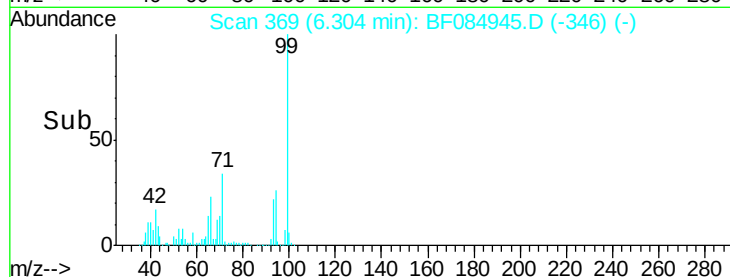
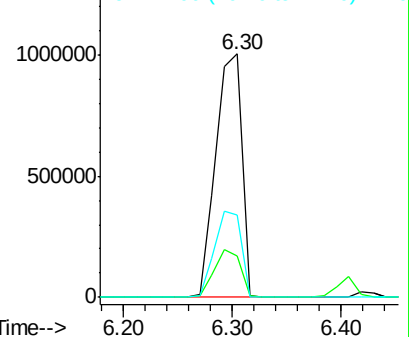
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.98 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

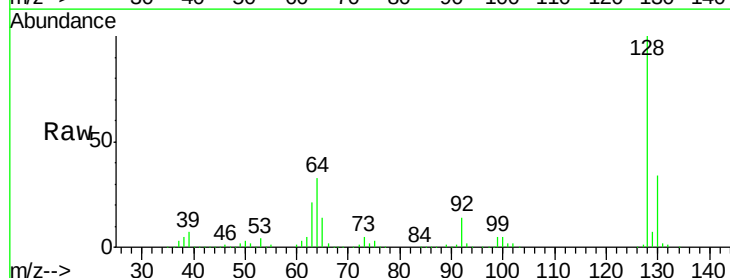
Tgt Ion: 128 Resp: 470587

Ion Ratio Lower Upper

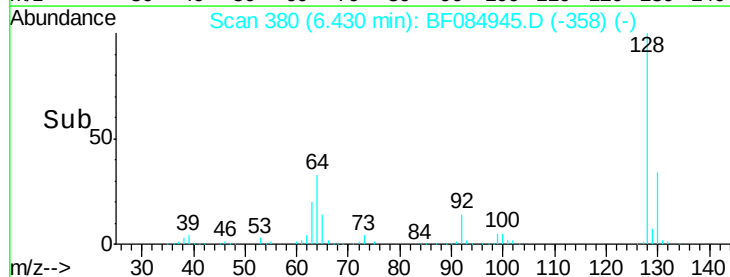
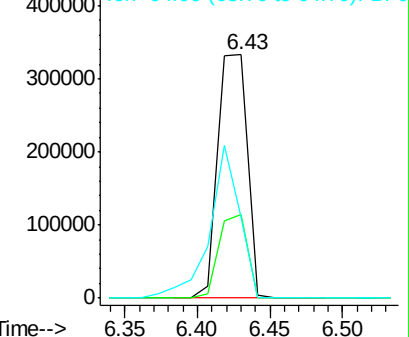
128 100

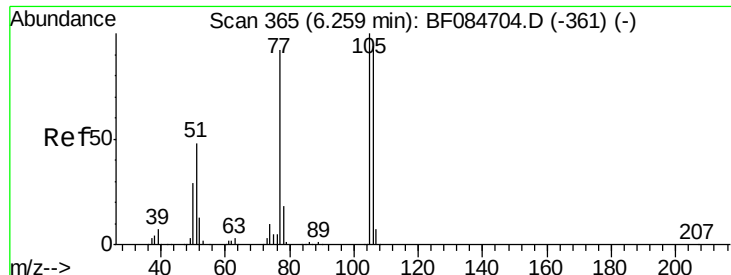
130 34.3 11.6 51.6

64 33.4 23.8 63.8



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: 17.28 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

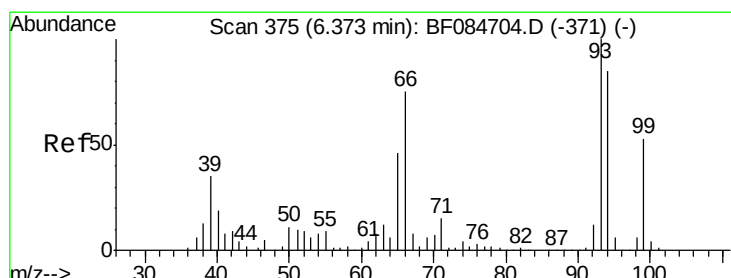
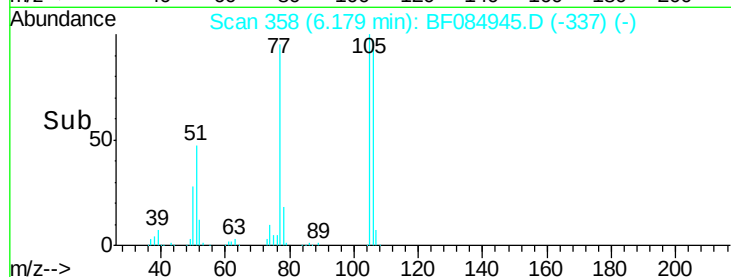
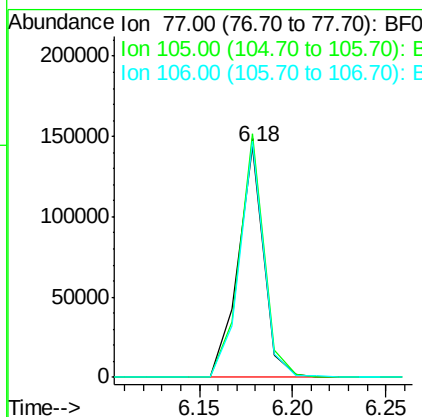
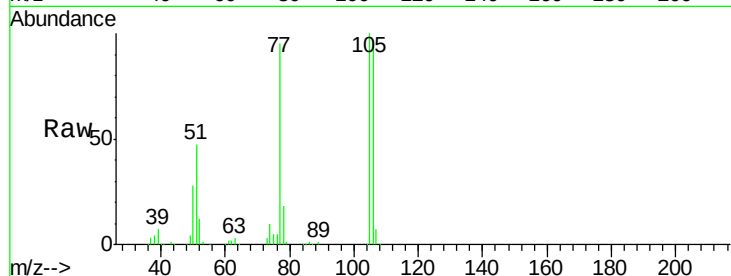
ClientSampleId :

PB88243BS

Tot Ion:	77	Resp:	138448
Ion Ratio	Lower	Upper	
77	100		
105	105.7	83.0	123.0
106	102.3	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 37.57 ng

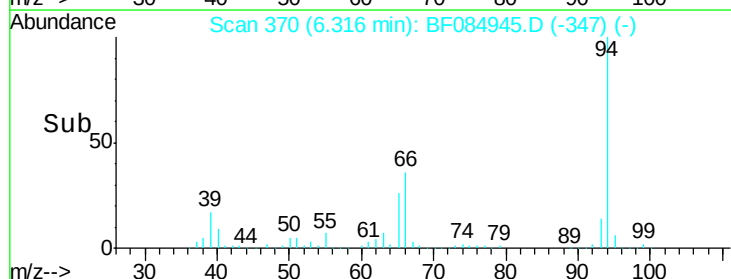
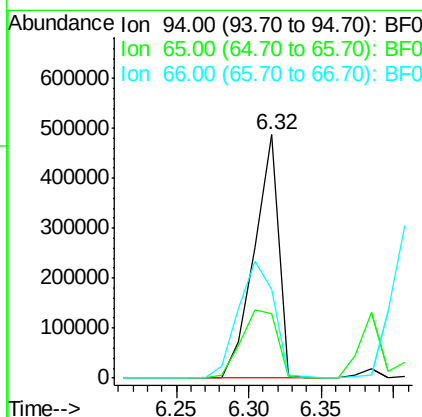
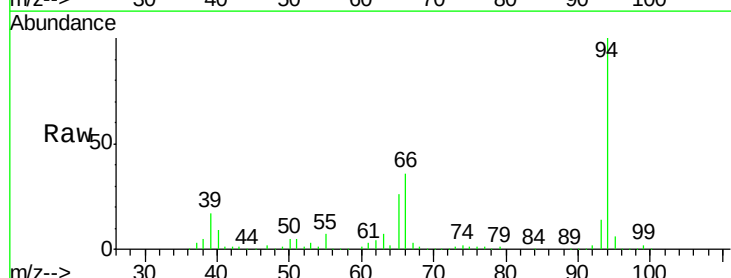
RT: 6.32 min Scan# 370

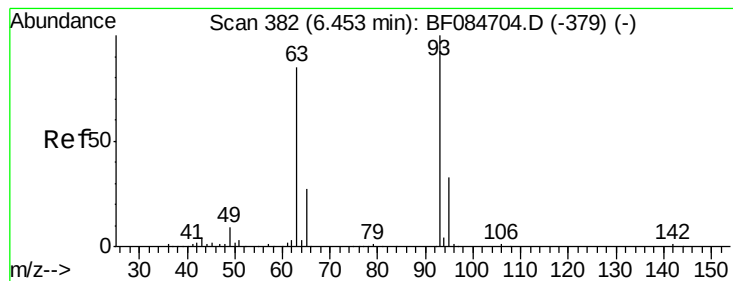
Delta R.T. -0.03 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	94	Resp:	571128
Ion Ratio	Lower	Upper	
94	100		
65	26.2	12.9	52.9
66	36.3	32.7	72.7





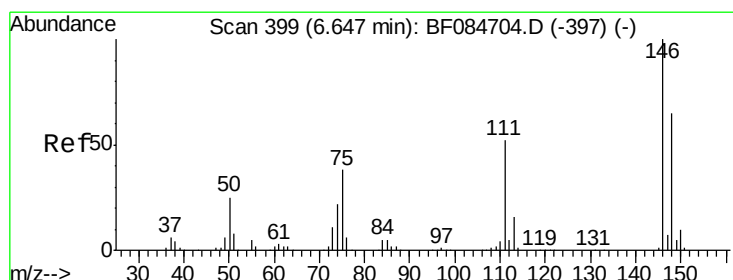
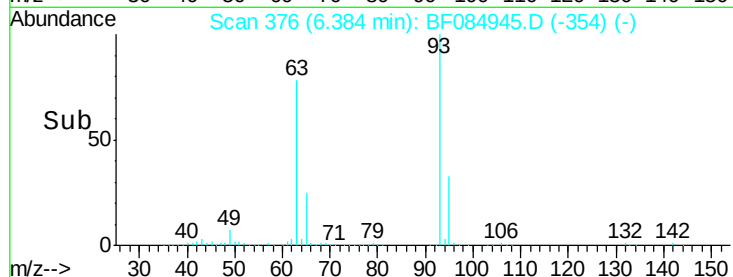
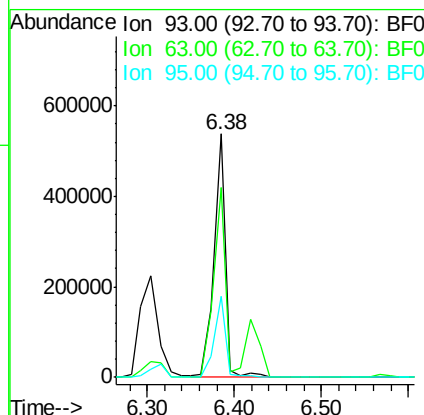
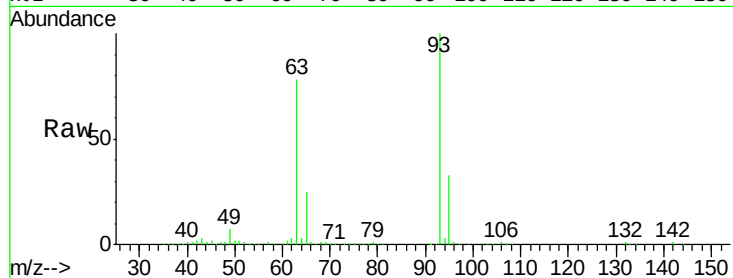
#11
bis(2-Chloroethyl)ether
Concen: 42.21 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	77.7	45.9	85.9	
95	33.1	12.3	52.3	

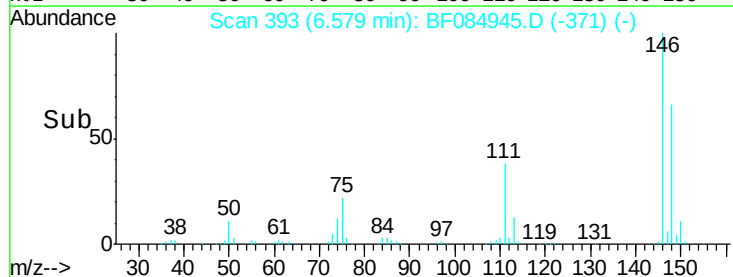
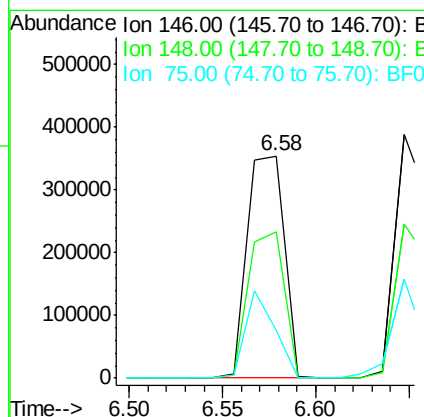
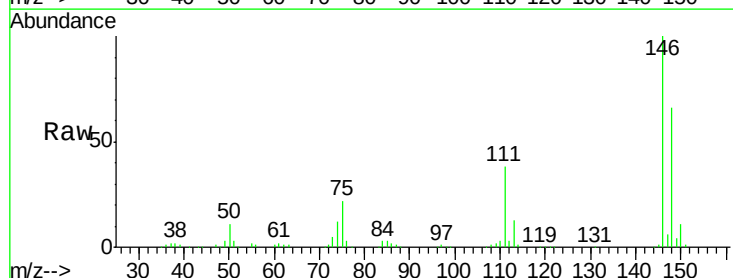
Manual Integrations
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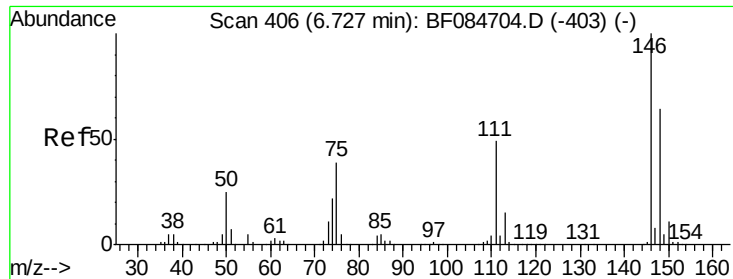
Sohil
2/10/2016 1:44:49 PM



#12
1,3-Dichlorobenzene
Concen: 37.28 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	66.1	51.9	77.9	
75	21.7	20.5	30.7	





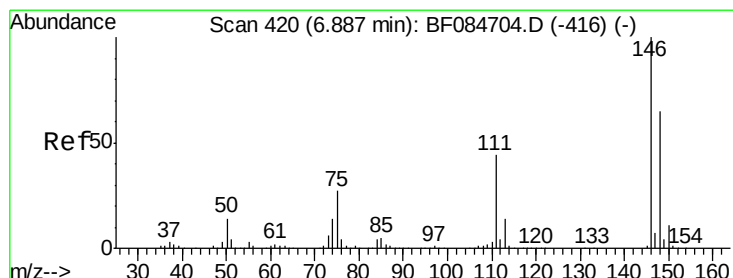
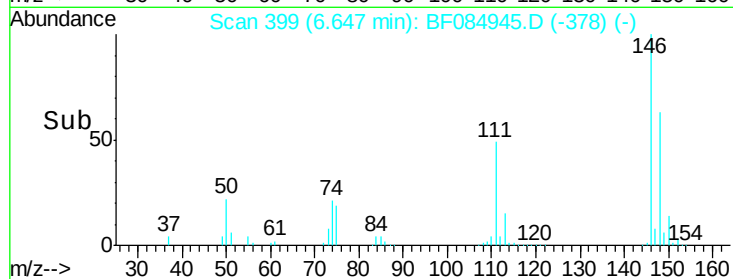
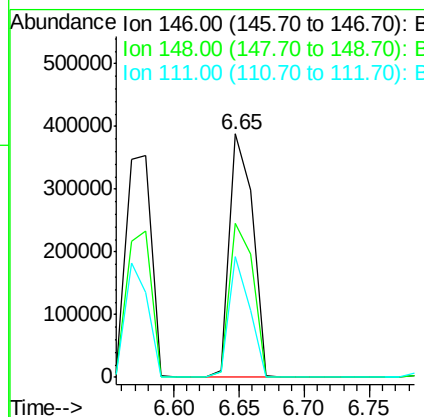
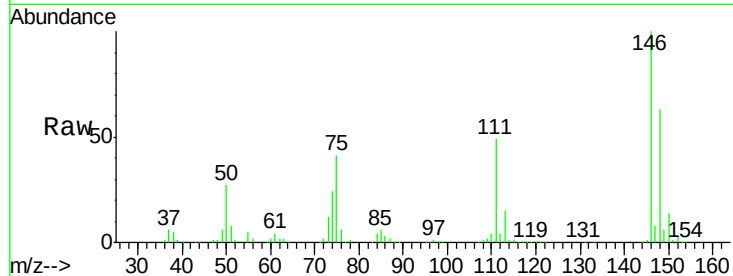
#13
 1,4-Dichlorobenzene
 Concen: 36.75 ng
 RT: 6.65 min Scan# 399
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampled :
 PB88243BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	49.4	41.6	62.4

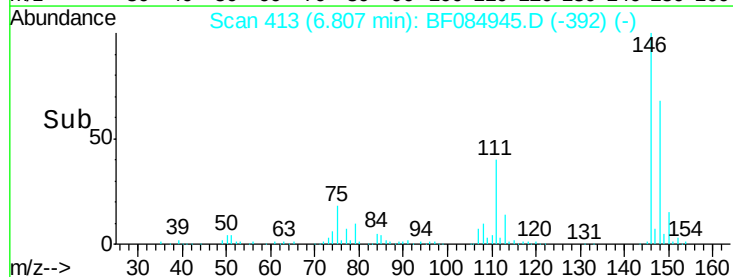
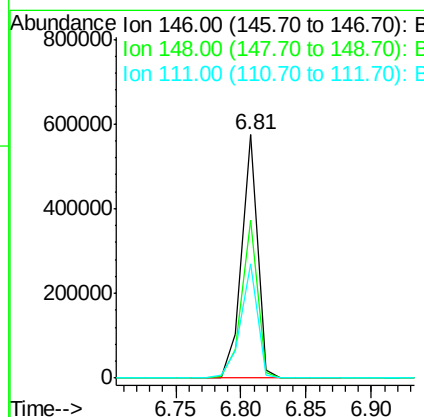
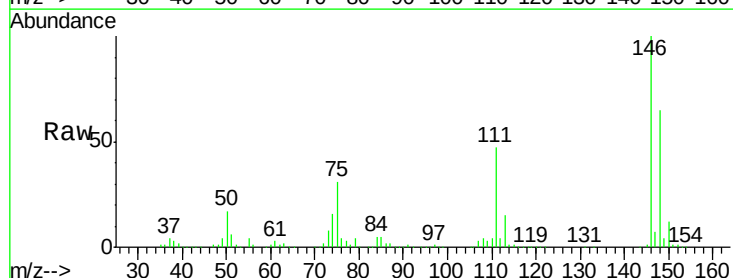
Manual Integrations
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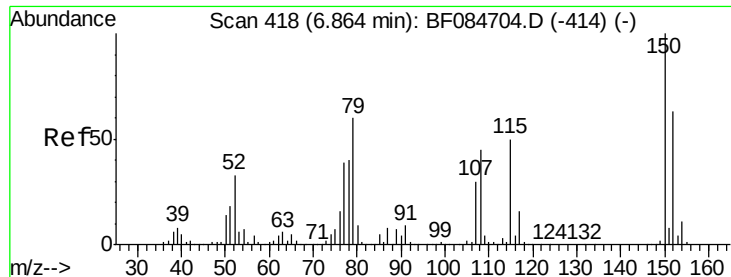
Sohil
 2/10/2016 1:44:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.44 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	47.2	38.0	57.0





#15

Benzyl Alcohol

Concen: 44.08 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

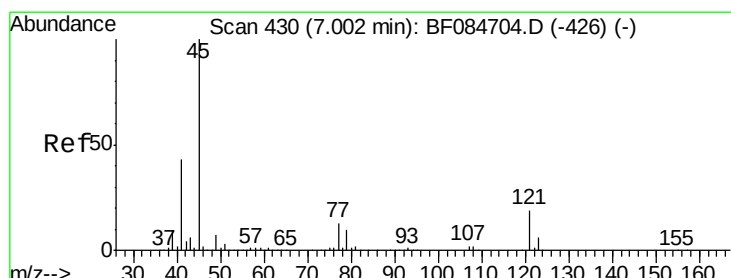
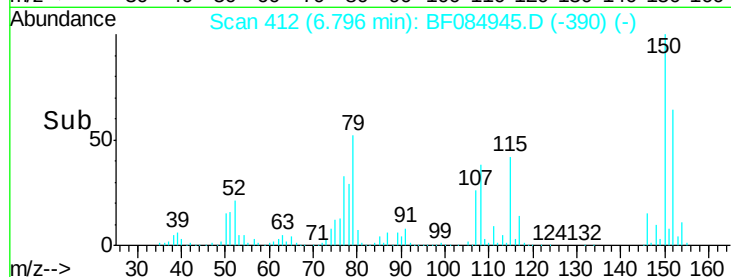
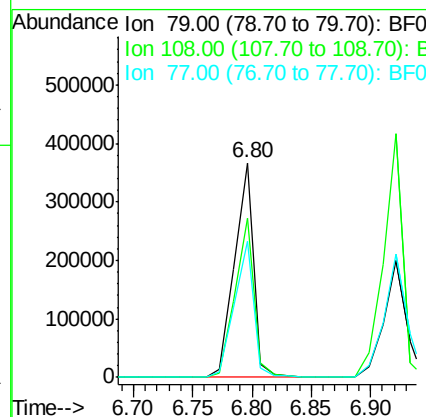
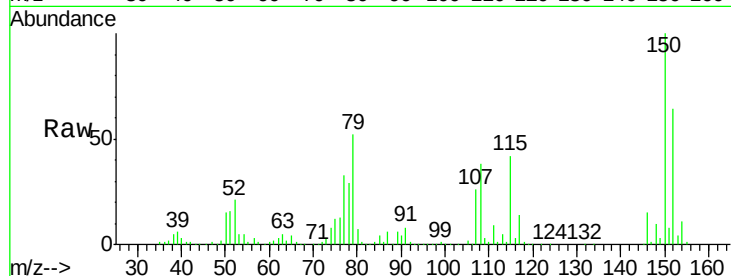
ClientSampled :

PB88243BS

Tot Ion:	79	Resp:	413020
Ion Ratio	Lower	Upper	
79	100		
108	74.2	69.0	103.4
77	63.5	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.27 ng

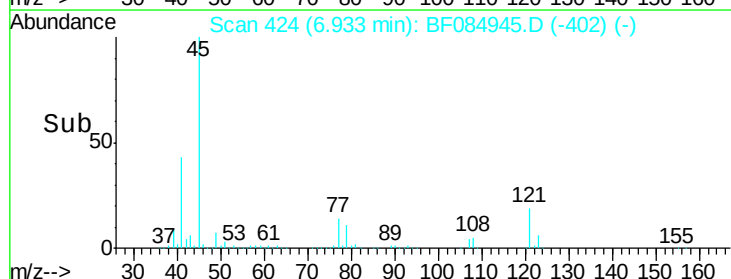
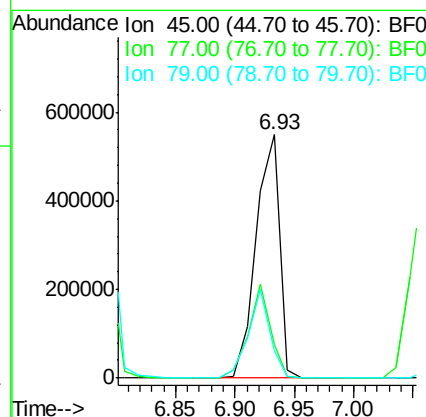
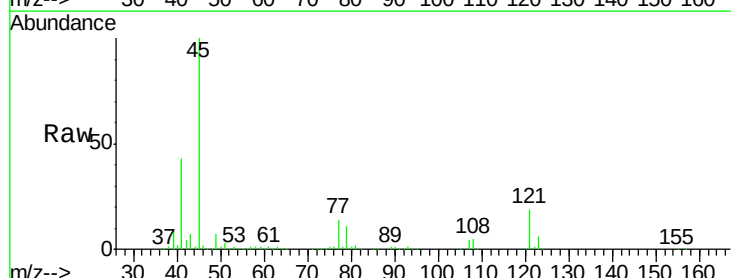
RT: 6.93 min Scan# 424

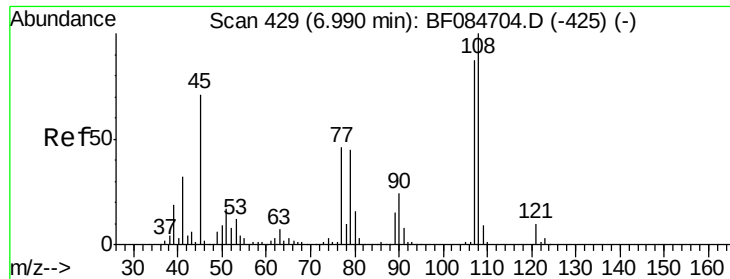
Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	45	Resp:	763251
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	39.6
79	11.3	0.0	35.0





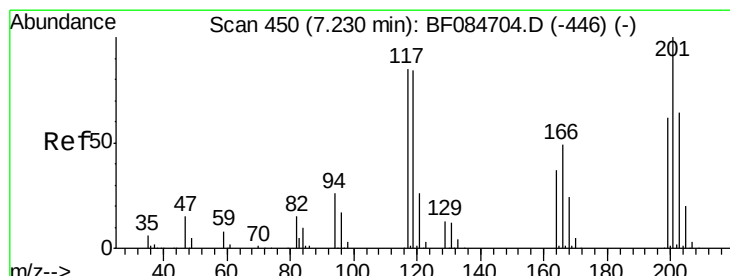
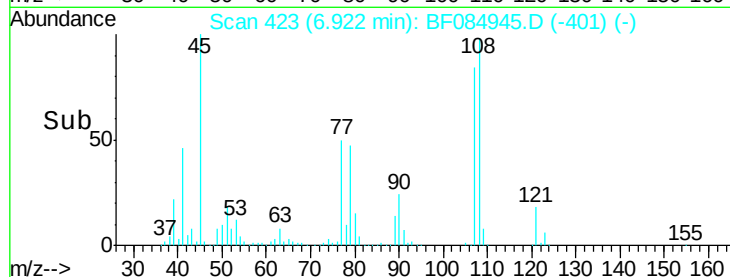
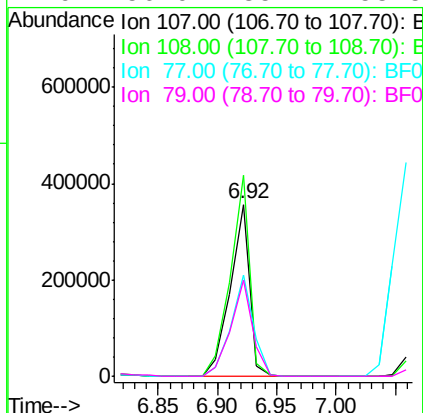
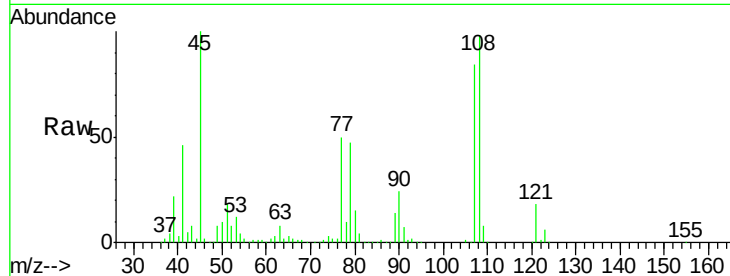
#17
2-Methylphenol
Concen: 41.14 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	116.5	89.8	134.6		
77	58.9	35.7	53.5#		
79	56.0	35.7	53.5#		

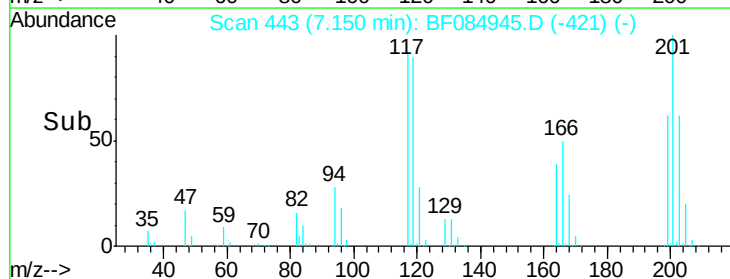
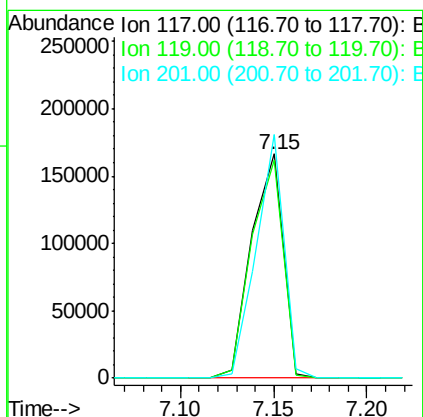
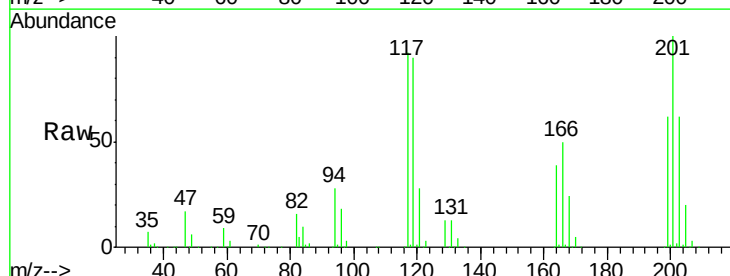
Manual Integrations
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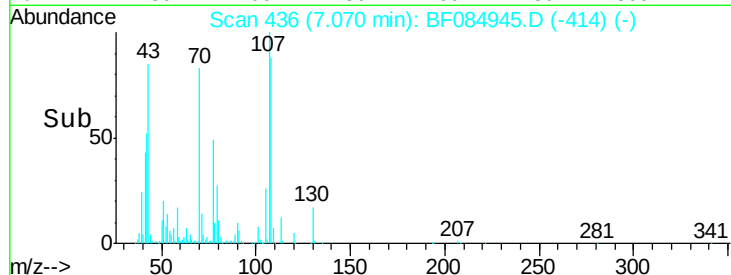
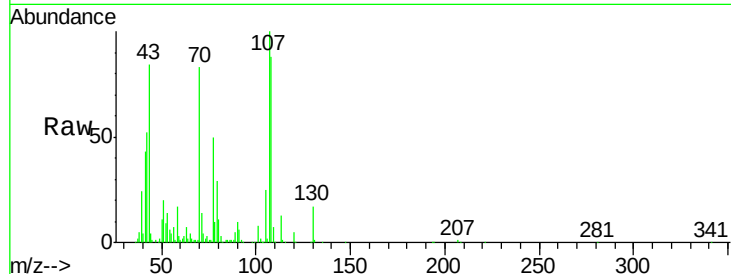
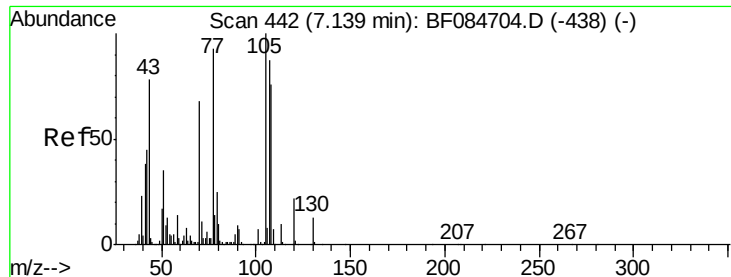
Sohil
2/10/2016 1:44:49 PM



#18
Hexachloroethane
Concen: 38.72 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.6	77.4	116.0		
201	108.7	68.6	103.0#		





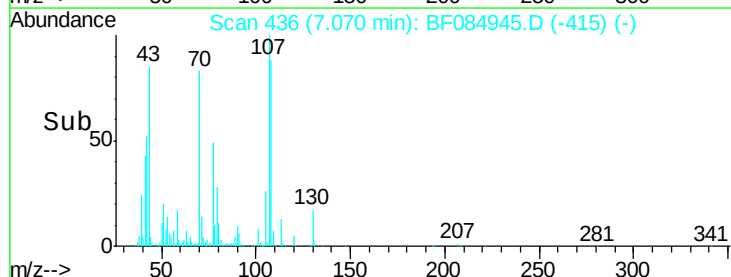
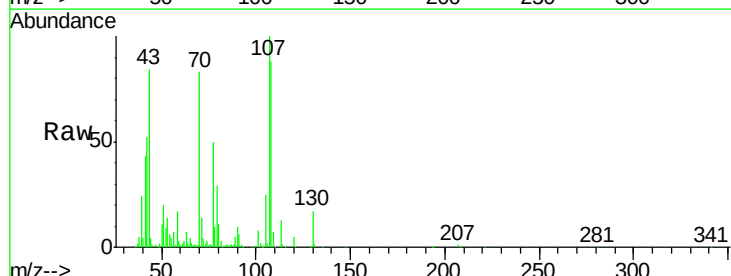
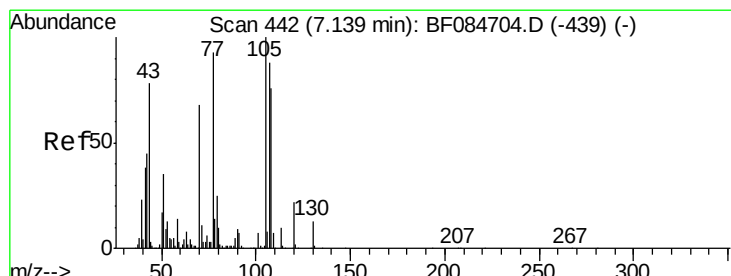
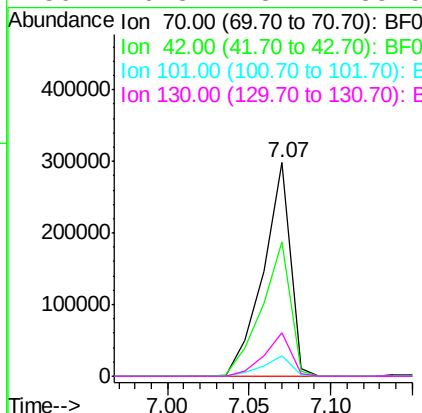
#19
n-Nitroso-di-n-propylamine
Concen: 40.82 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	62.7	33.3	49.9#	
101	9.6	9.3	13.9	
130	20.3	23.4	35.0#	

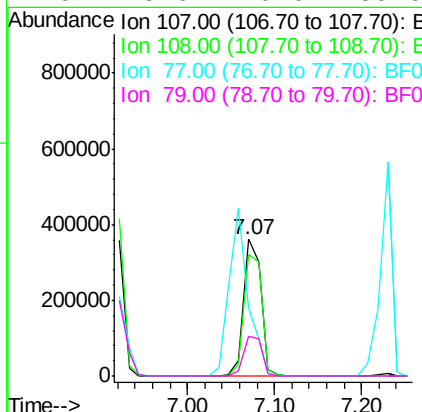
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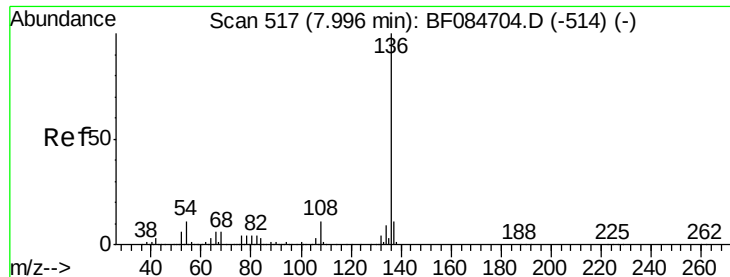
Sohil
2/10/2016 1:44:49 PM



#20
3+4-Methylphenols
Concen: 41.19 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.5	74.6	114.6	
77	49.7	0.7	40.7#	
79	28.6	0.0	39.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

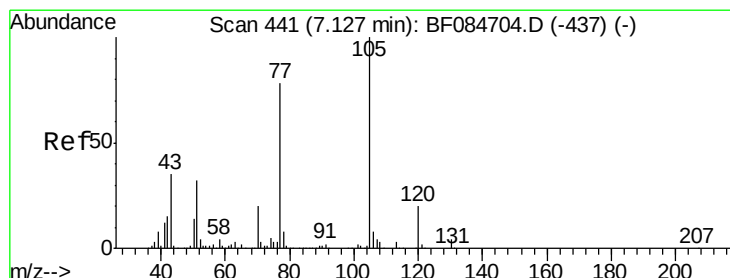
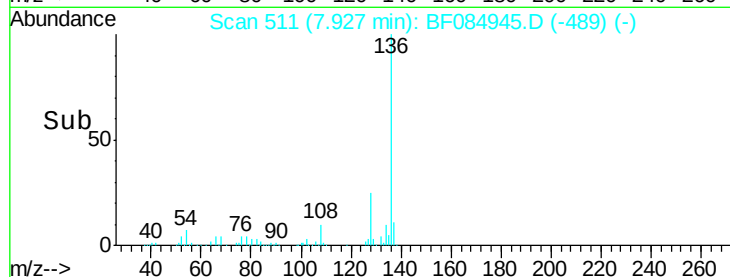
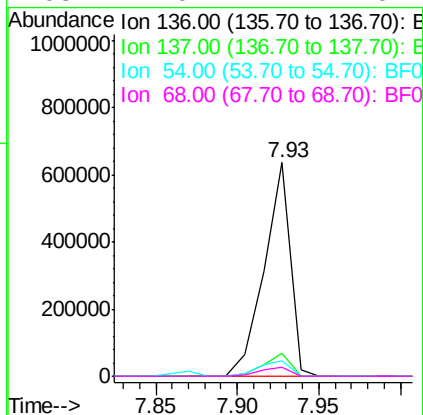
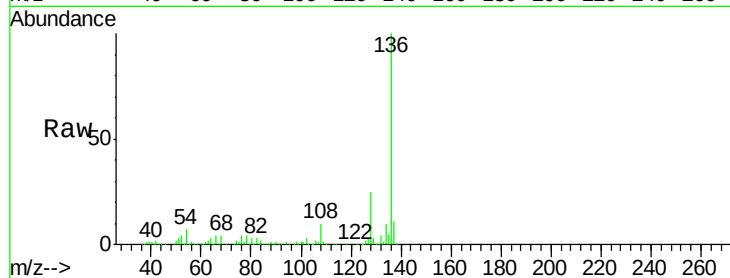
ClientSampleId :

PB88243BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		708174		
137	10.9		8.7	13.1	
54	7.1		5.8	8.8	
68	4.0		4.2	6.2	

Manual Integrations
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2/10/2016 1:44:49 PM



#22

Acetophenone

Concen: 36.20 ng

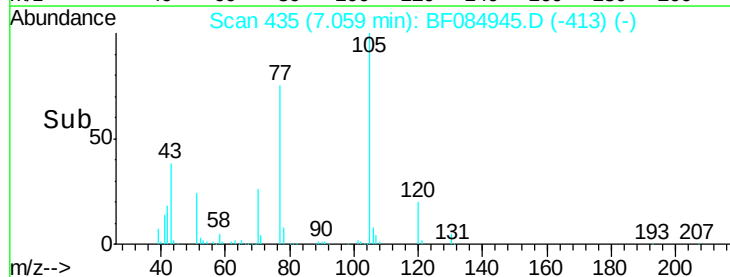
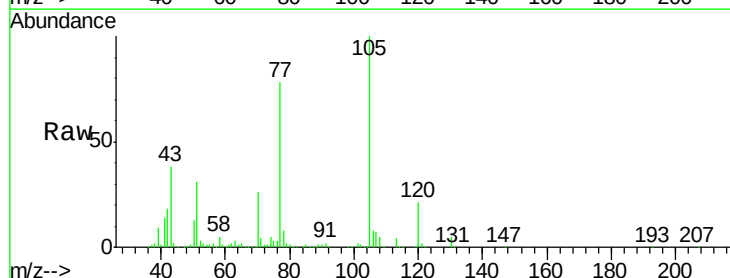
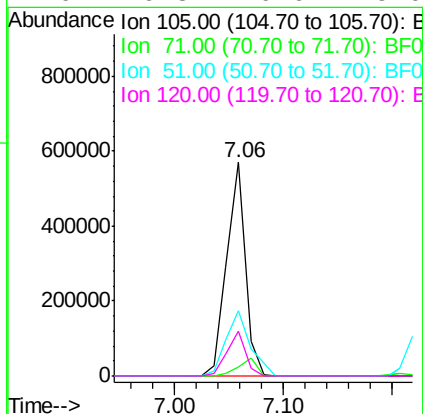
RT: 7.06 min Scan# 435

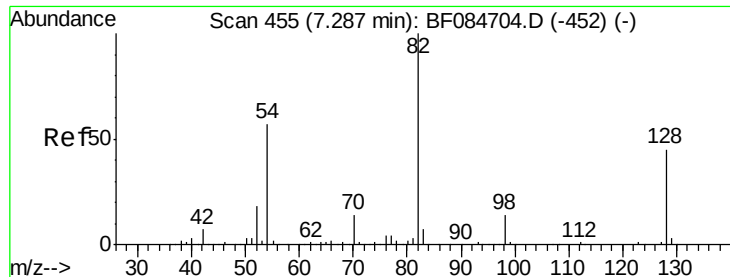
Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		675603		
71	4.3		3.7	5.5	
51	30.6		25.1	37.7	
120	20.8		16.6	25.0	





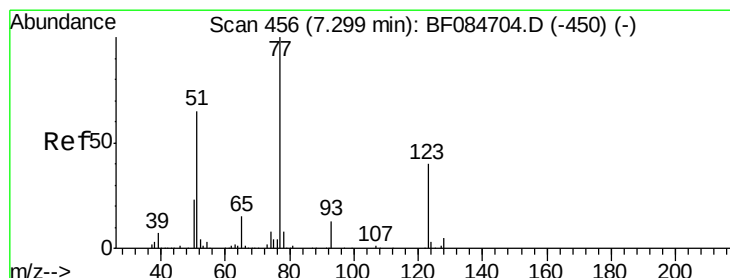
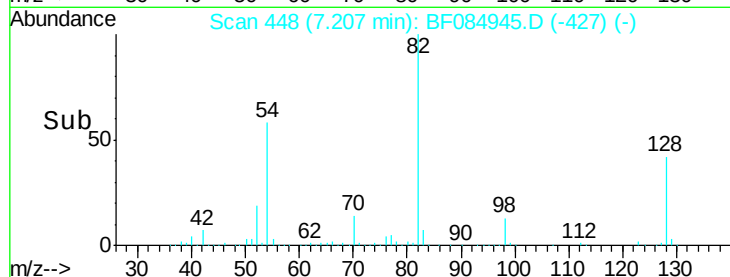
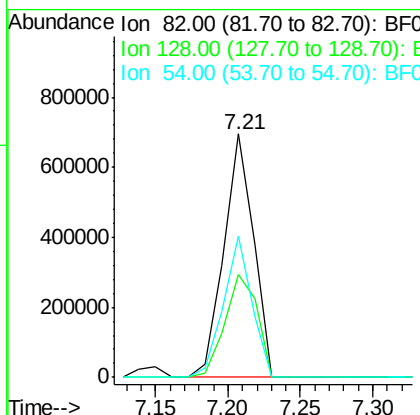
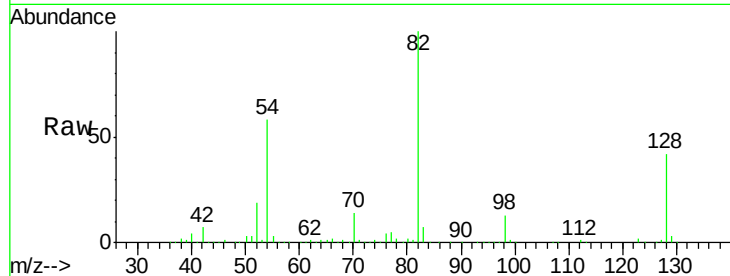
#23
 Nitrobenzene-d5
 Concen: 78.26 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	42.3	34.6	51.8
54	58.1	38.4	57.6

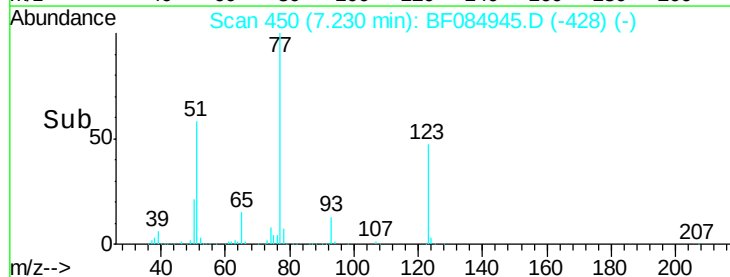
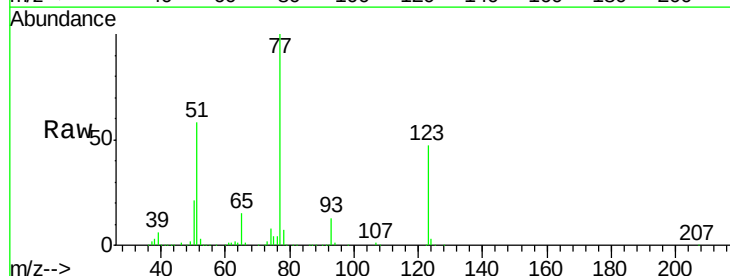
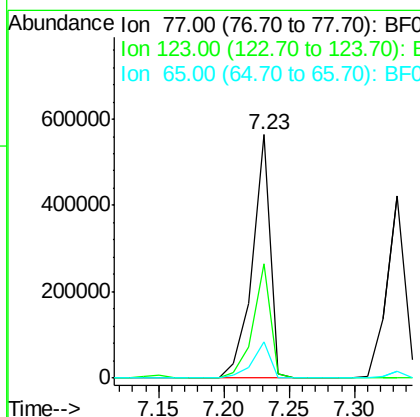
Manual Integrations
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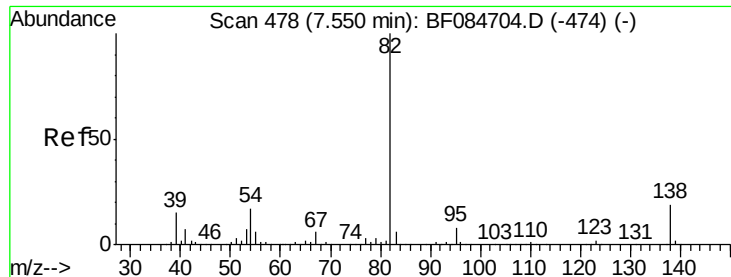
Sohil
 2/10/2016 1:44:49 PM



#24
 Nitrobenzene
 Concen: 40.04 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.1	37.4	56.2
65	14.8	10.9	16.3





#25

Isophorone

Concen: 37.67 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

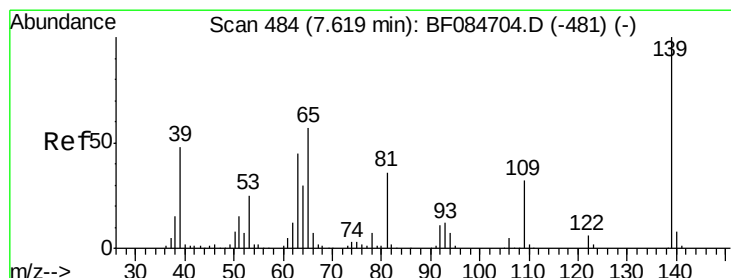
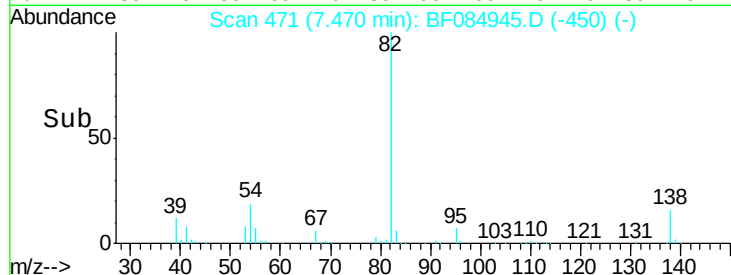
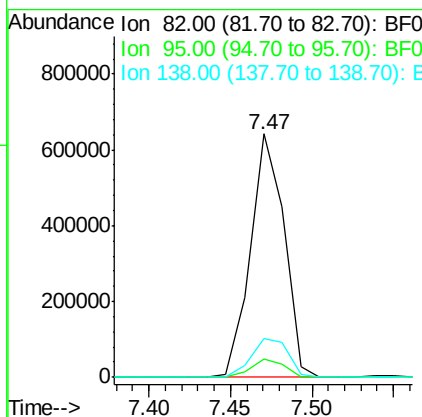
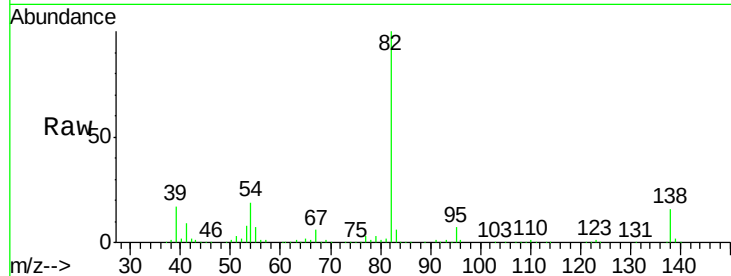
ClientSampleId :

PB88243BS

Tot Ion:	82	Resp:	920868
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.6	10.0
138	15.7	13.6	20.4

Manual Integrations
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2/10/2016 1:44:49 PM



#26

2-Nitrophenol

Concen: 41.16 ng

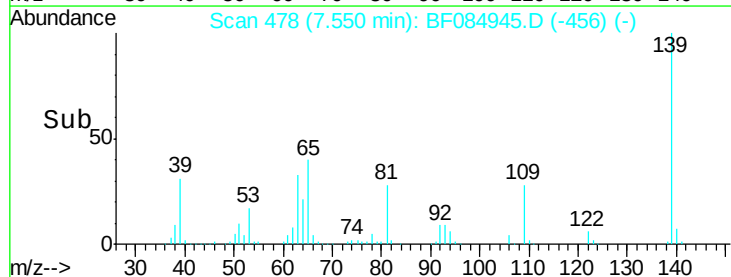
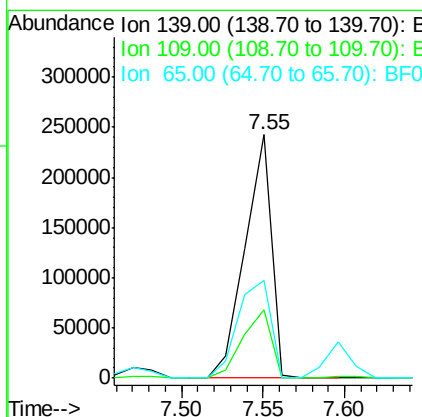
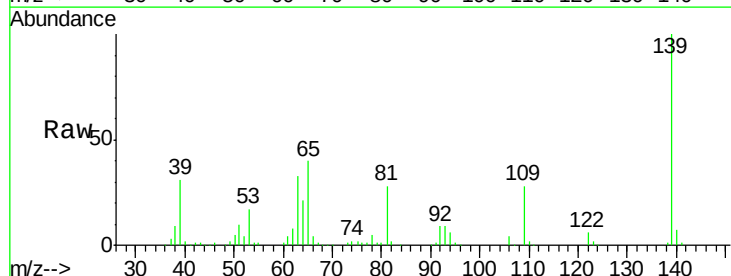
RT: 7.55 min Scan# 478

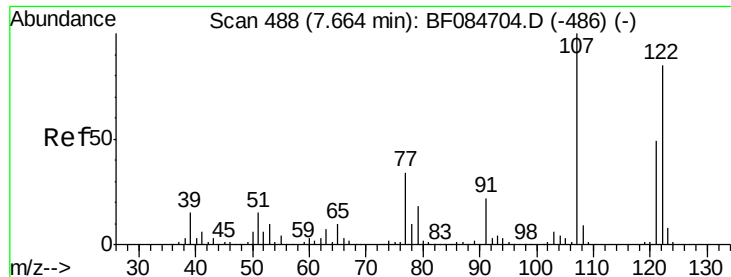
Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	139	Resp:	273269
Ion Ratio	Lower	Upper	
139	100		
109	28.0	25.4	38.2
65	40.2	32.3	48.5





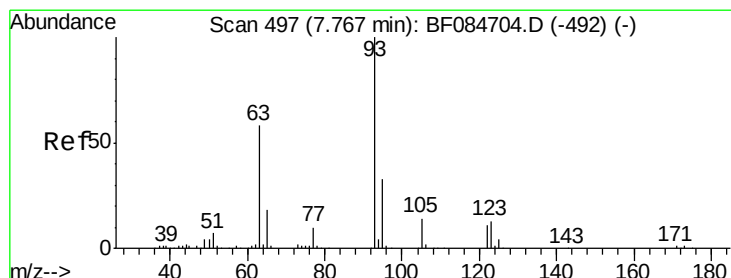
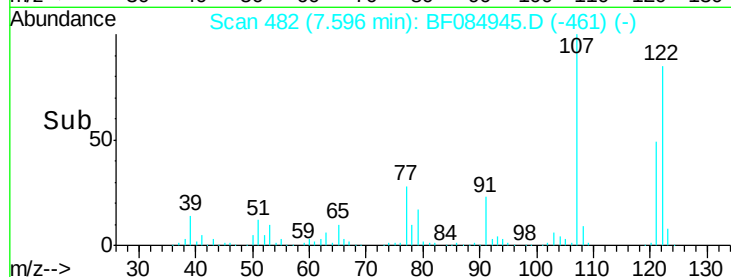
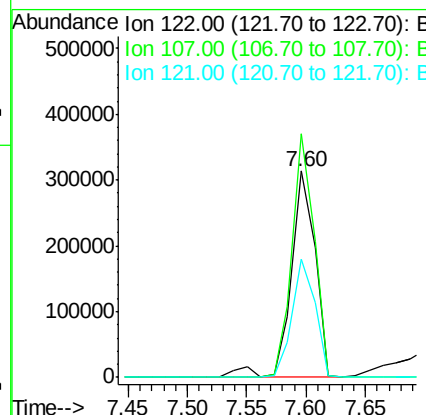
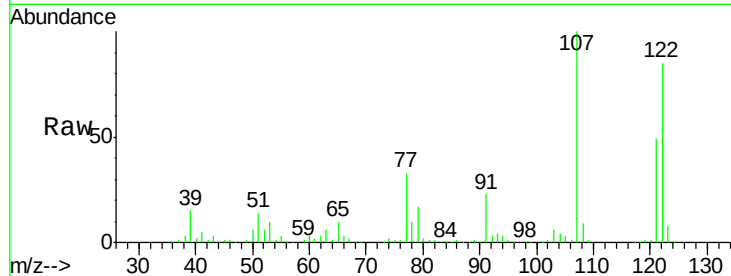
#27
 2,4-Dimethylphenol
 Concen: 37.86 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampled :
 PB88243BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	437265		
107	117.9	99.1	148.7	
121	57.3	47.9	71.9	

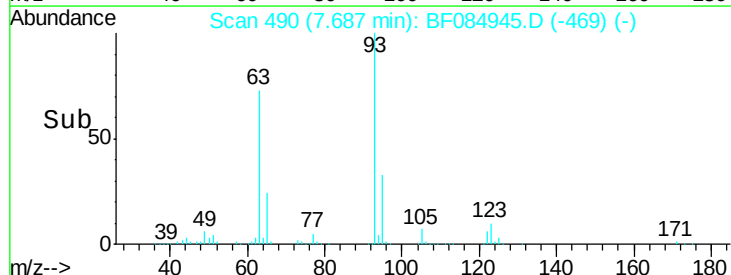
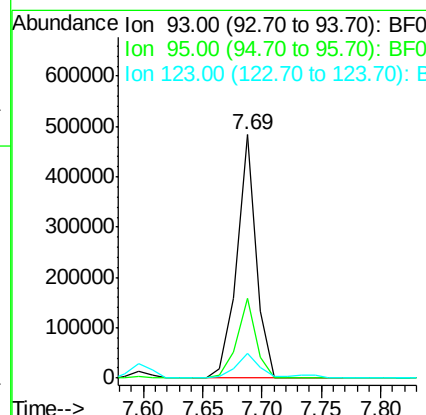
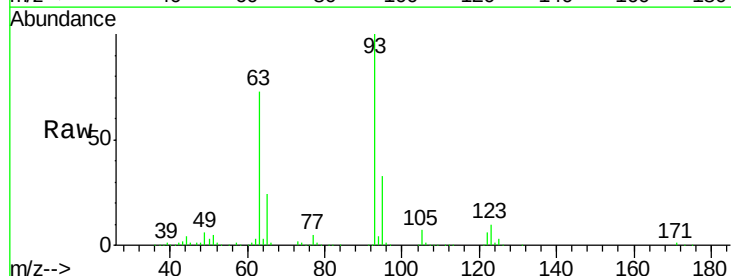
Manual Integrations
 APPROVED

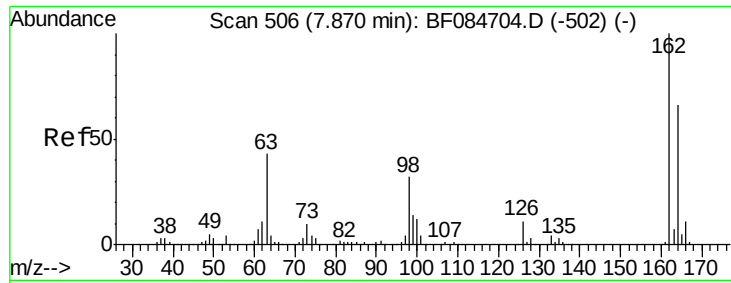
Sohil
 2/10/2016 1:44:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.71 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	546830		
95	32.7	25.8	38.6	
123	10.4	8.6	12.8	





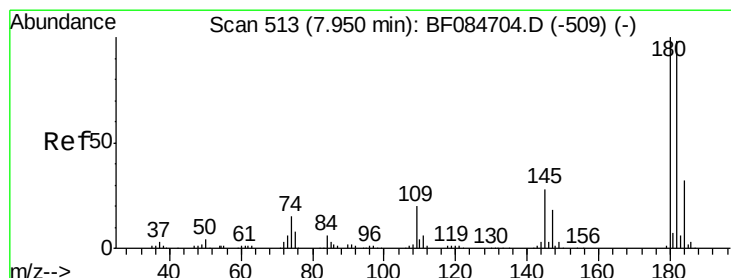
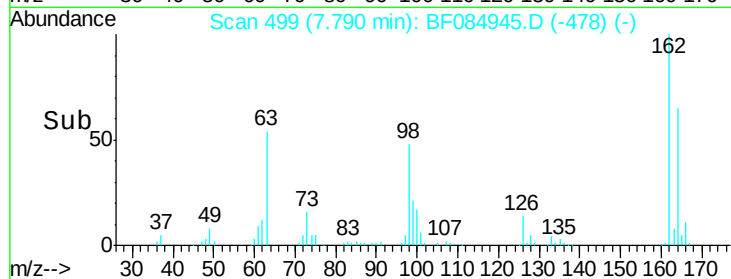
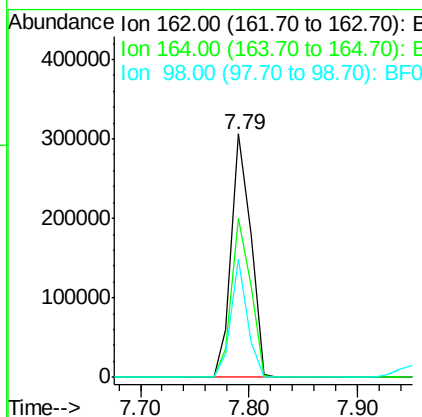
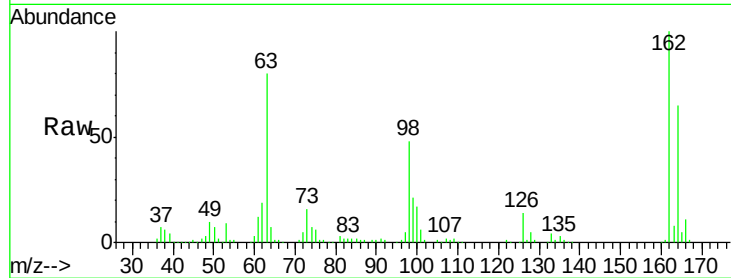
#29
 2,4-Dichlorophenol
 Concen: 38.28 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tot Ion:	162	Resp:	378260
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.1	84.1
98	48.3	20.2	60.2

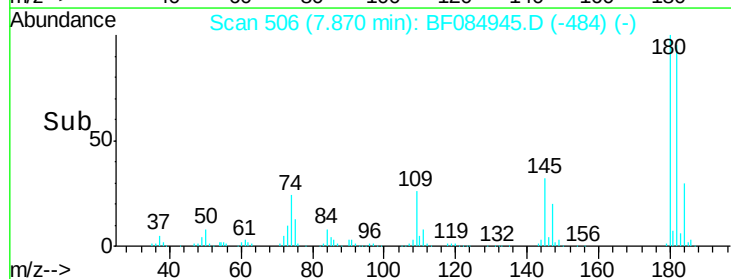
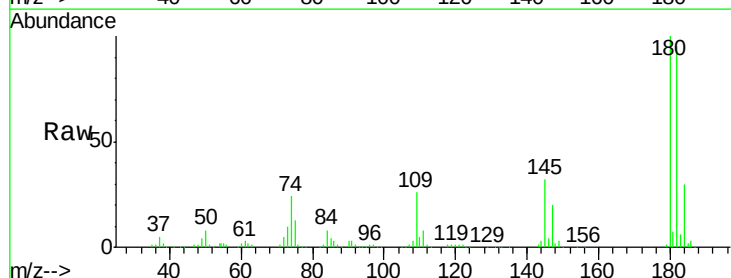
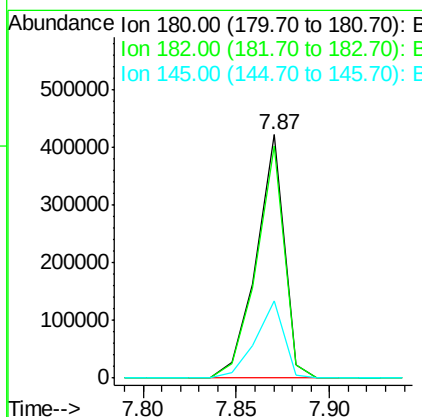
Manual Integrations
 APPROVED

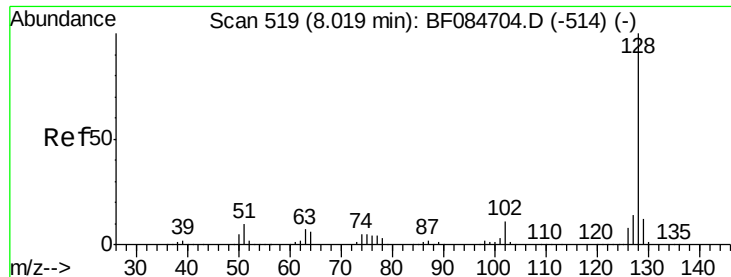
Sohil
 2/10/2016 1:44:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion:	180	Resp:	435215
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	31.6	31.6	47.4





#31

Naphthalene

Concen: 38.62 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Tot Ion:128 Resp: 1371781

Ion Ratio Lower Upper

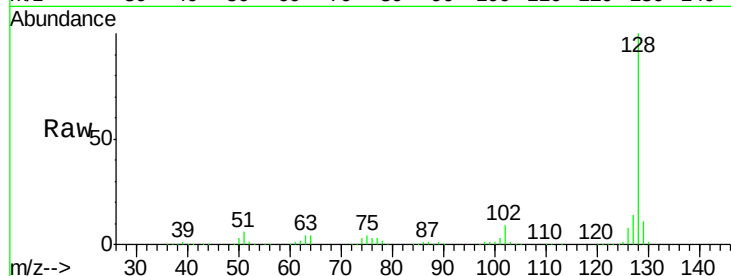
128 100

129 11.2 9.1 13.7

127 13.6 11.1 16.7

Manual Integrations
APPROVED

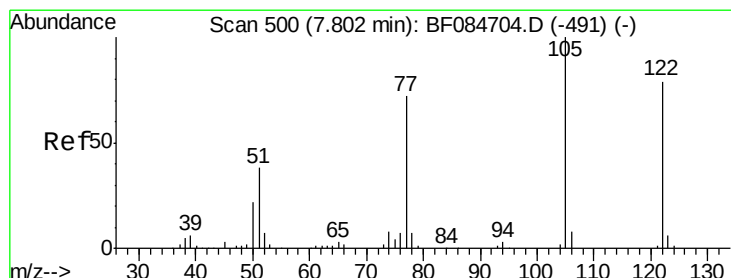
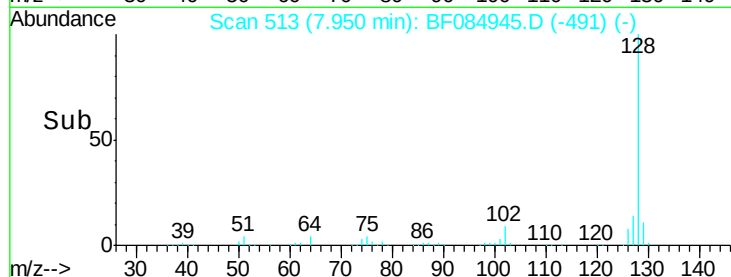
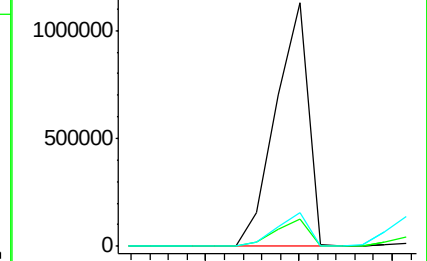
Sohil
2/10/2016 1:44:49 PM



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: 35.52 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

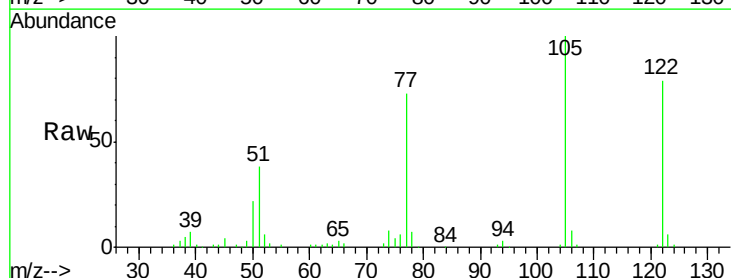
Tgt Ion:122 Resp: 262344

Ion Ratio Lower Upper

122 100

105 127.3 100.3 140.3

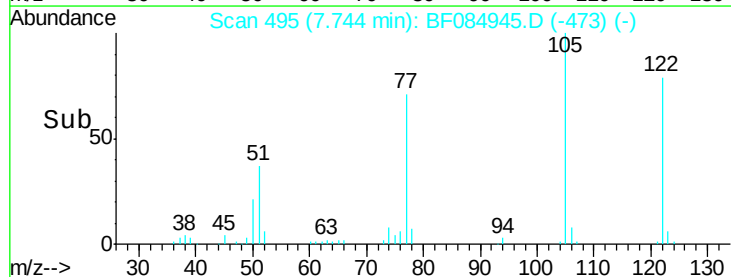
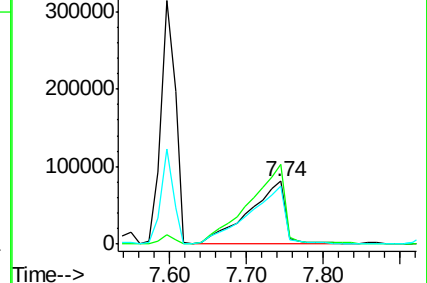
77 92.8 63.5 103.5

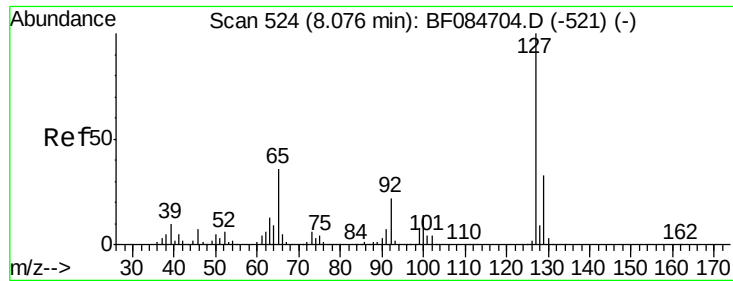


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





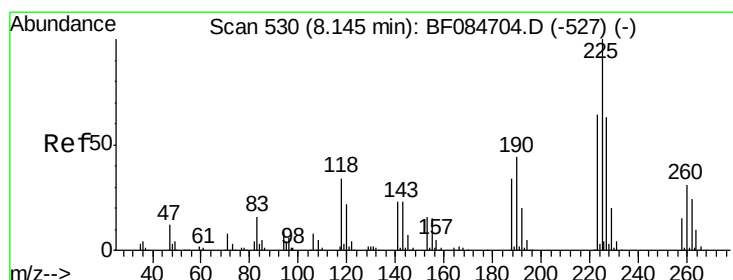
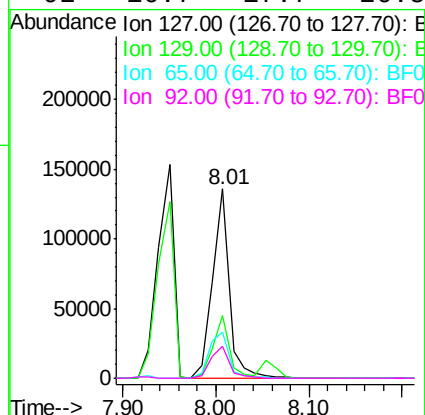
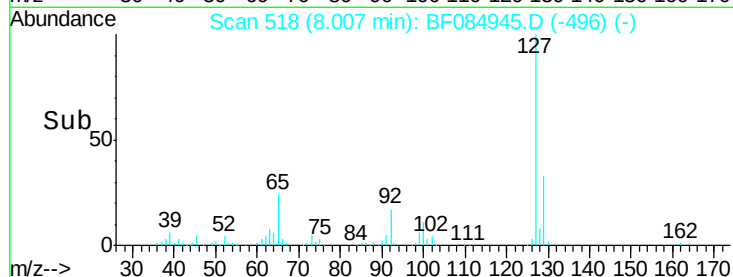
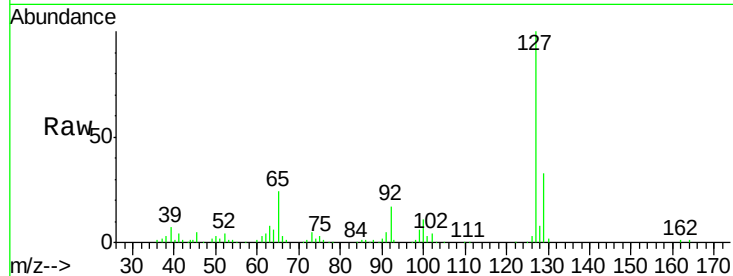
#33
4-Chloroaniline
Concen: 11.64 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.5	39.7		
65	24.4	27.2	40.8		
92	16.7	17.7	26.5		

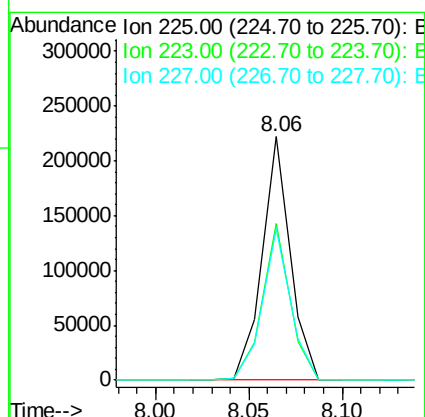
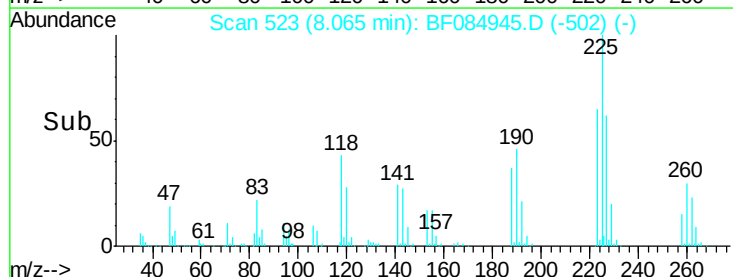
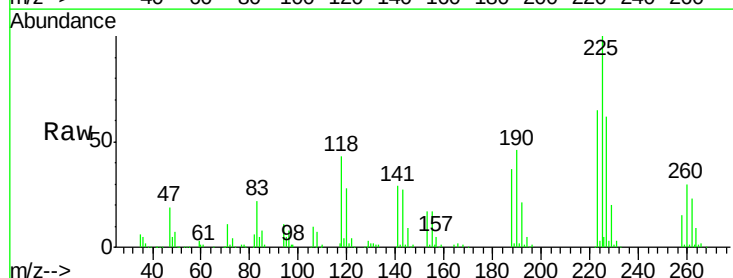
Manual Integrations
APPROVED

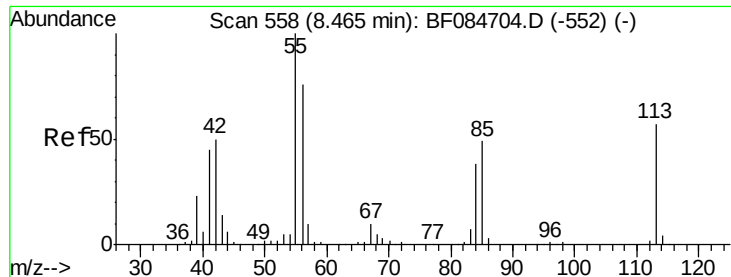
Sohil
2/10/2016 1:44:49 PM



#34
Hexachlorobutadiene
Concen: 35.94 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	49.4	74.0		
227	62.2	50.8	76.2		





#35

Caprolactam

Concen: 42.20 ng/ml

RT: 8.38 min Scan# 551

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampled :

PB88243BS

Tot Ion:113 Resp: 128526
Ion Ratio Lower Upper

113 100

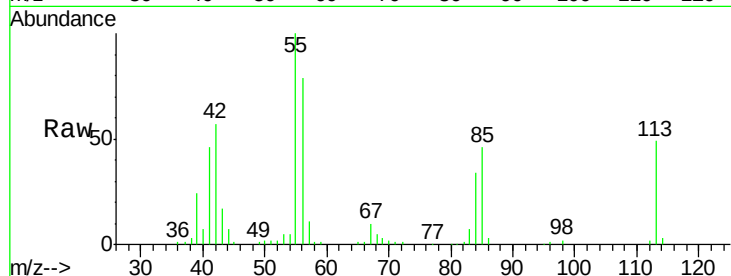
55 205.0 116.9 156.9#

56 161.3 93.8 133.8#

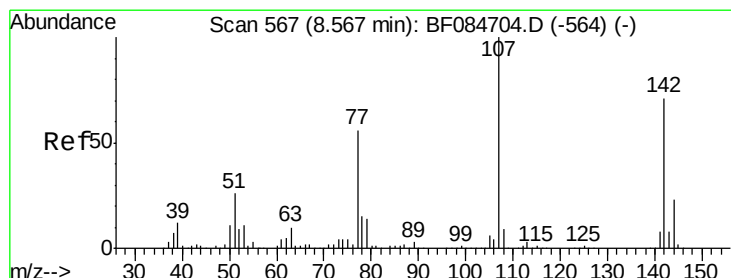
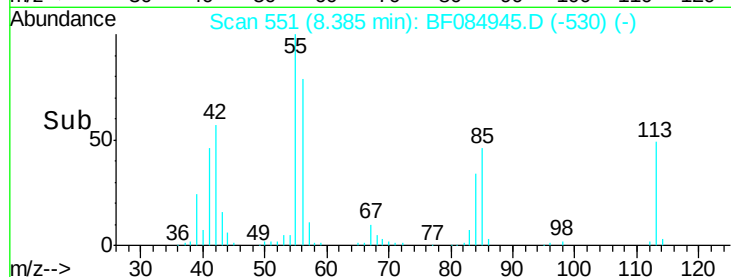
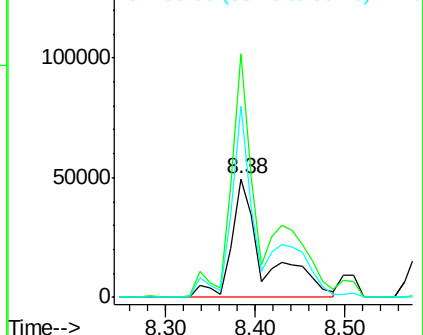
Manual Integrations
APPROVED

Sohil

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.49 ng/ml

RT: 8.51 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF084945.D

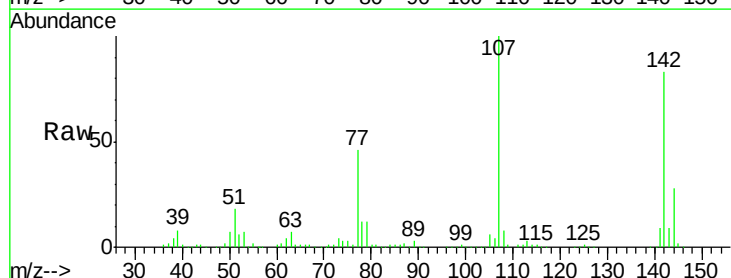
Acq: 9 Feb 2016 12:02

Tgt Ion:107 Resp: 467675
Ion Ratio Lower Upper

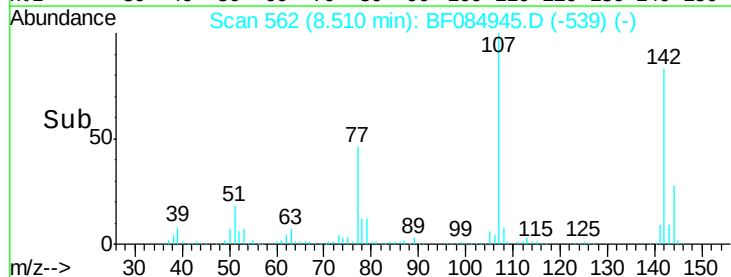
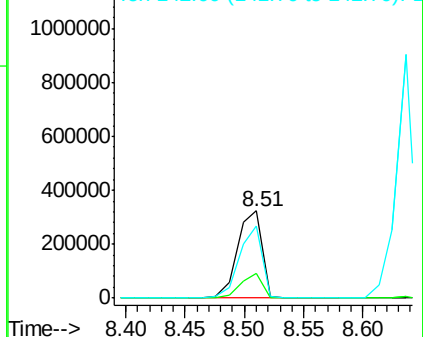
107 100

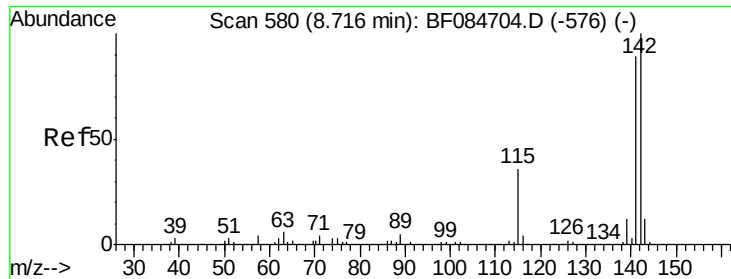
144 27.7 19.7 29.5

142 82.9 61.8 92.6



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





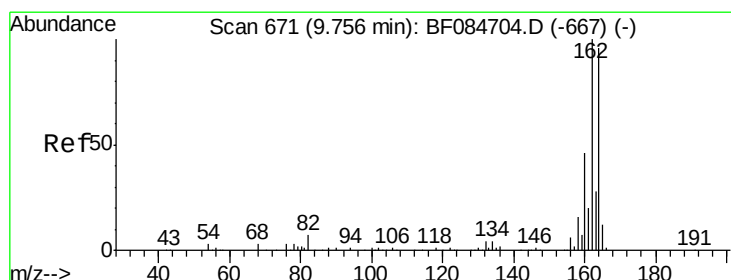
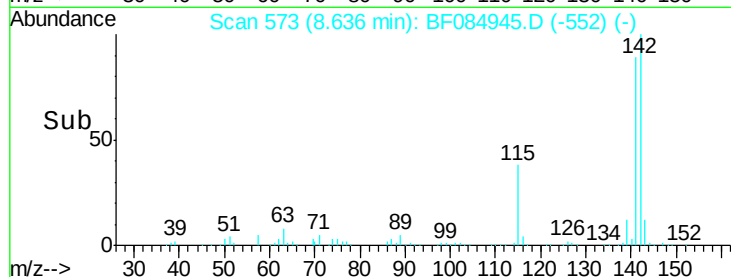
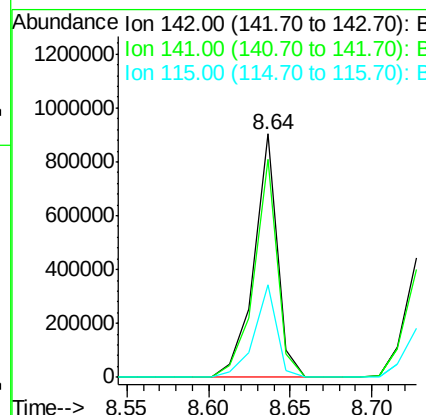
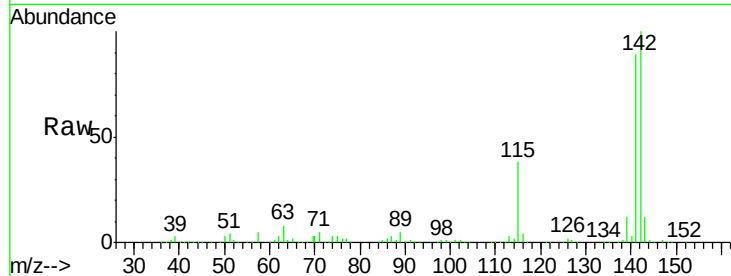
#37
2-Methylnaphthalene
Concen: 40.34 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.4	108.6
115	38.3	27.9	41.9

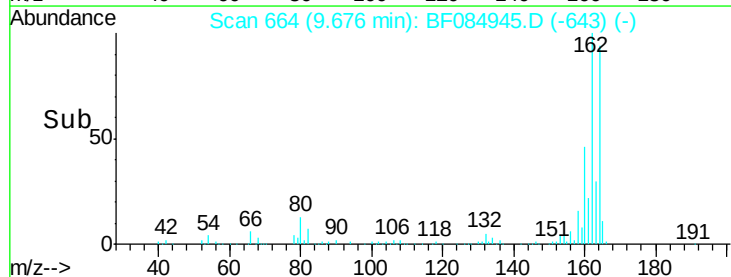
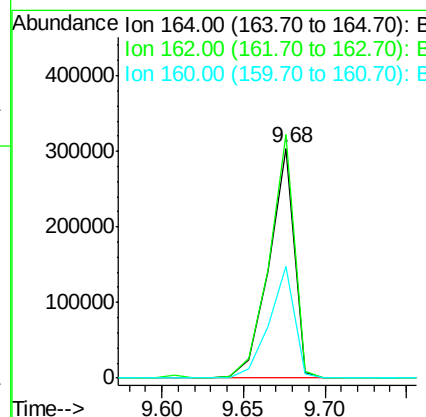
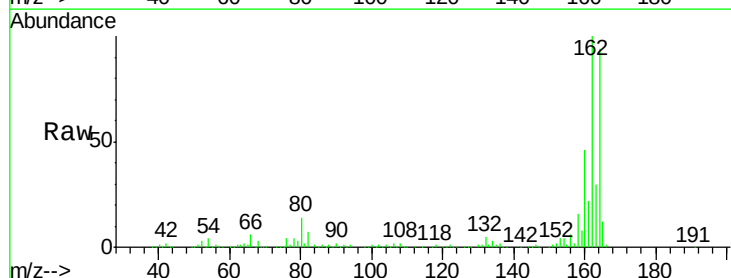
Manual Integrations
APPROVED

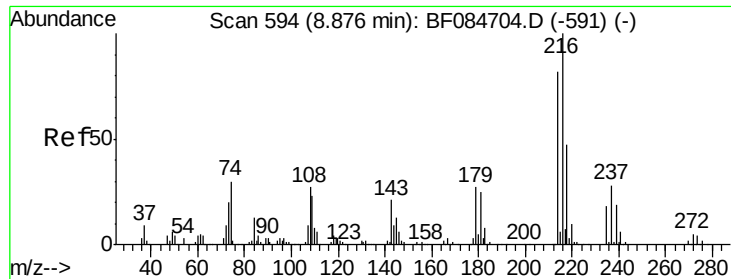
Sohil
2/10/2016 1:44:49 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	48.8	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.88 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

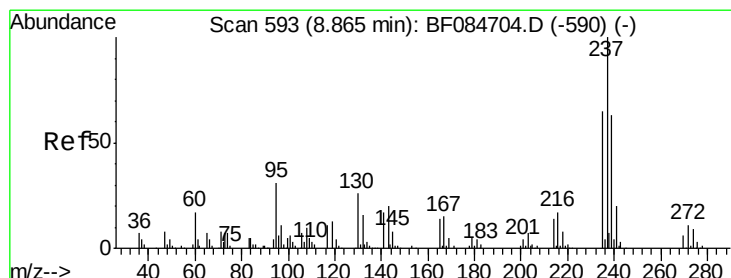
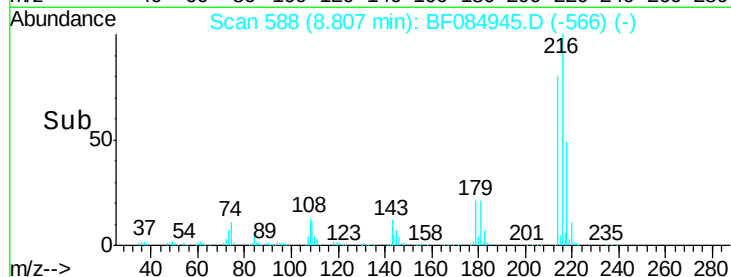
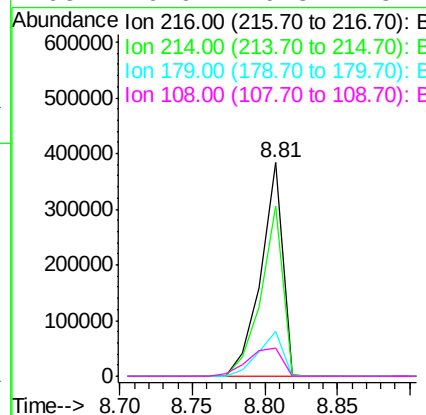
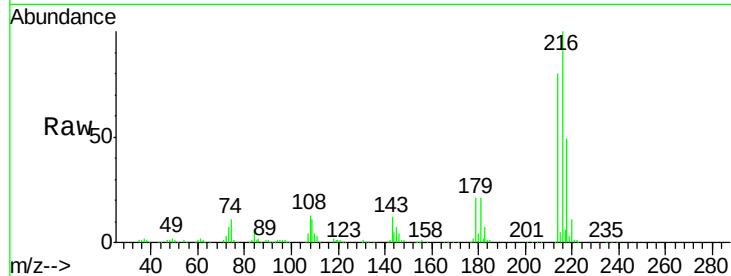
ClientSampleId :

PB88243BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		404359		
214	79.5		64.2	96.2	
179	23.1		18.7	28.1	
108	20.9		16.8	25.2	

Manual Integrations
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2/10/2016 1:44:49 PM



#40

Hexachlorocyclopentadiene

Concen: 79.69 ng

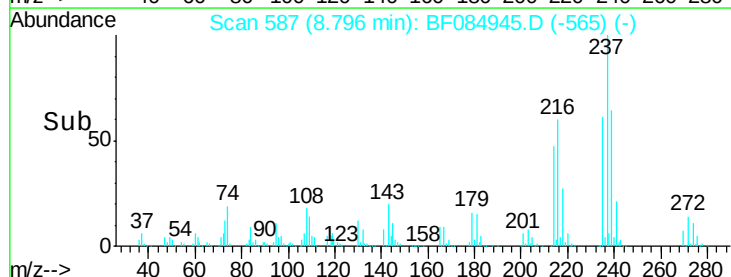
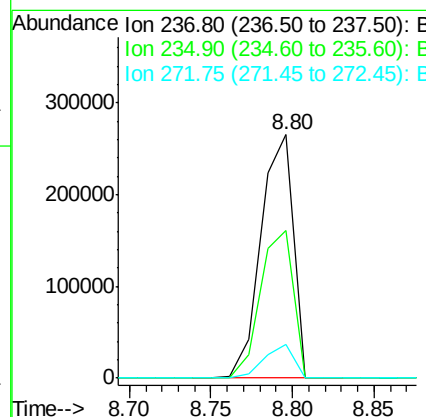
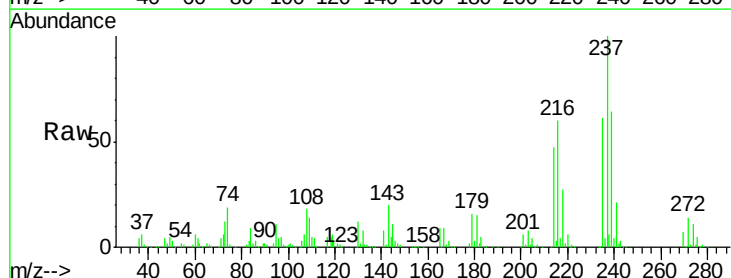
RT: 8.80 min Scan# 587

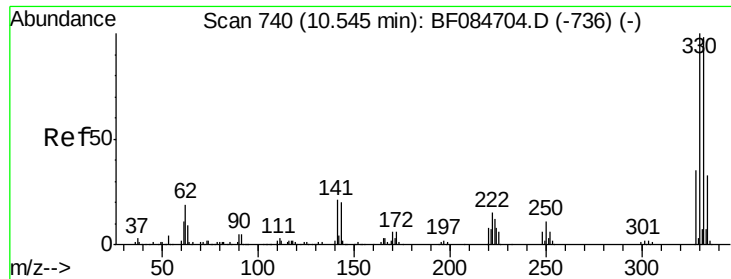
Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		365305		
235	60.8		43.1	83.1	
272	14.0		0.0	35.1	





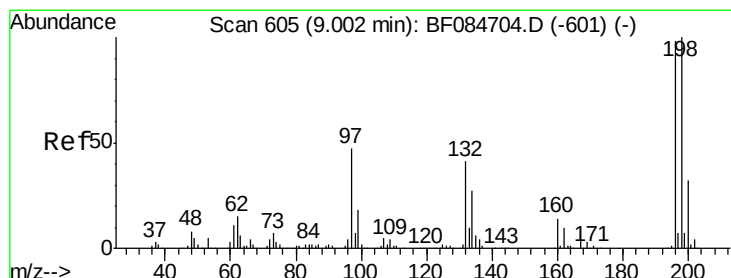
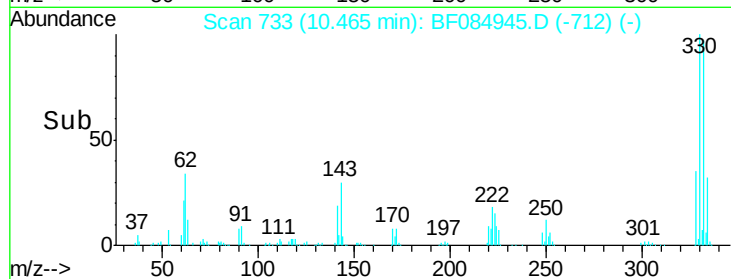
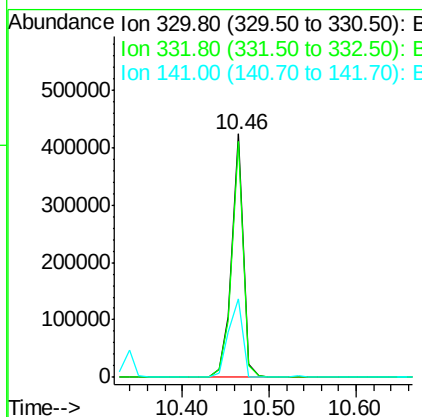
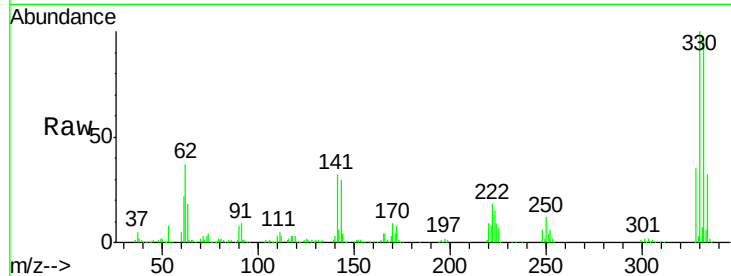
#41
 2,4,6-Tribromophenol
 Concen: 115.38 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampled :
 PB88243BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	394101		
332	97.2	76.6	114.8	
141	39.9	27.8	41.6	

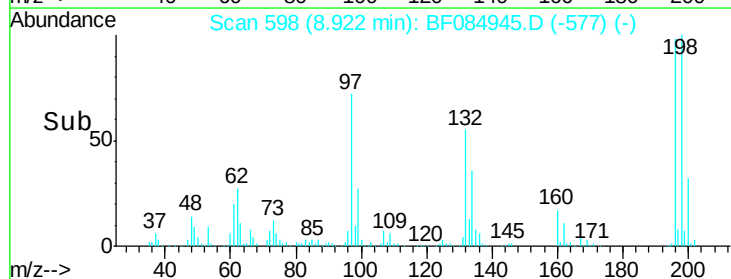
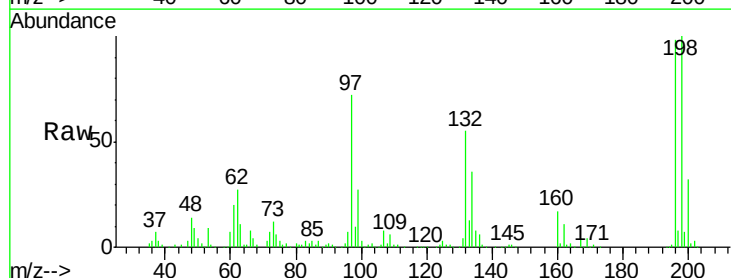
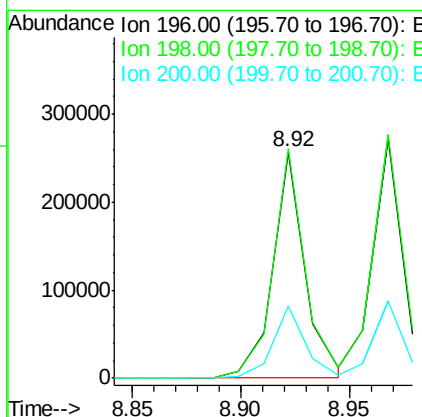
Manual Integrations
 APPROVED

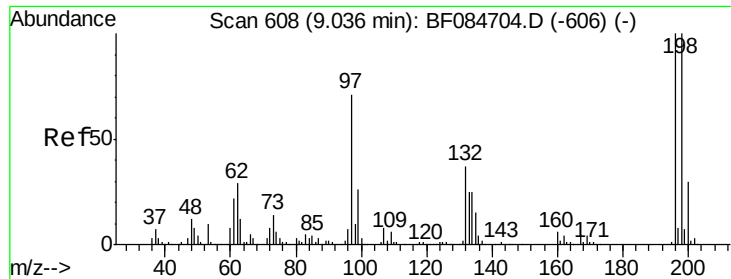
Sohil
 2/10/2016 1:44:49 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.74 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266244		
198	101.6	77.7	116.5	
200	32.2	24.6	37.0	





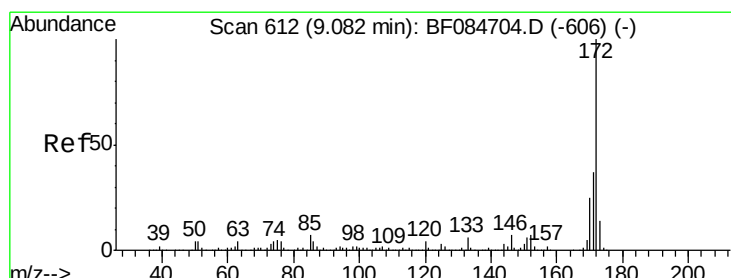
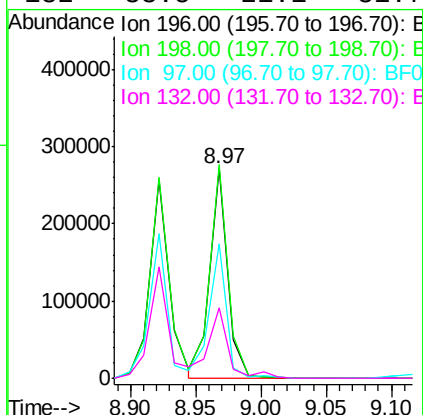
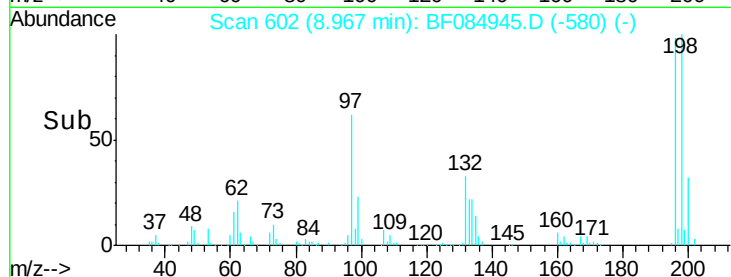
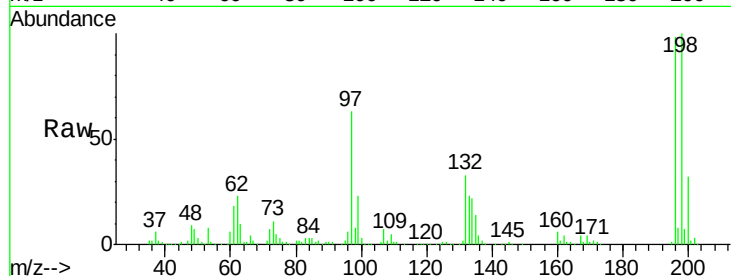
#43
 2,4,5-Trichlorophenol
 Concen: 38.33 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tot Ion	196	Resp	260907
Ion Ratio	Lower	Upper	
196	100		
198	101.8	79.0	118.6
97	63.8	33.0	49.6#
132	33.5	21.1	31.7#

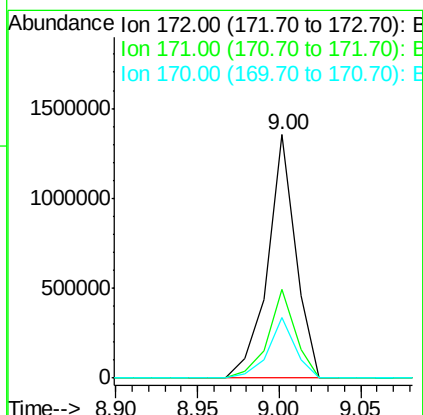
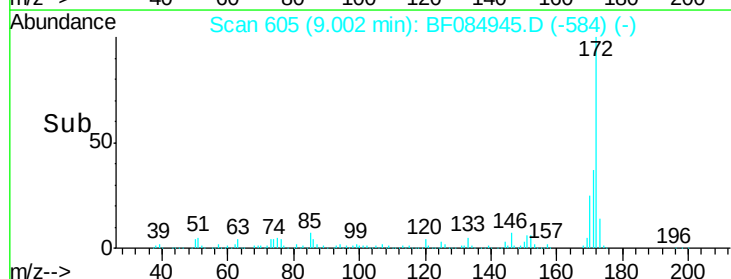
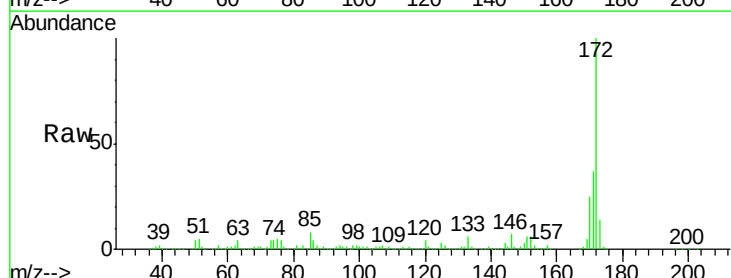
Manual Integrations
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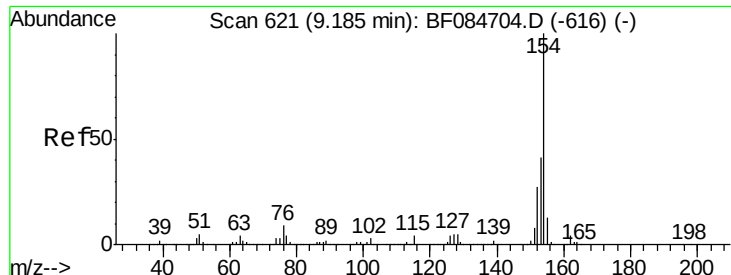
Sohil
 2/10/2016 1:44:49 PM



#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	172	Resp	1614216
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.9	43.3
170	24.9	18.6	27.8





#45

1,1'-Biphenyl

Concen: 40.12 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Tot Ion:154 Resp: 1173386

Ion Ratio Lower Upper

154 100

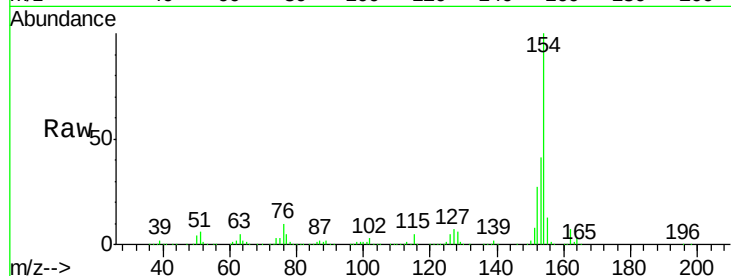
153 40.8 21.6 61.6

76 9.6 0.0 32.7

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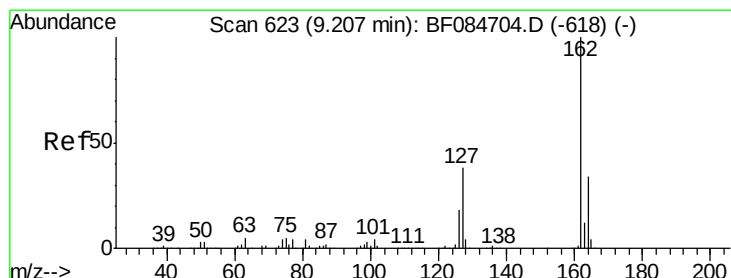
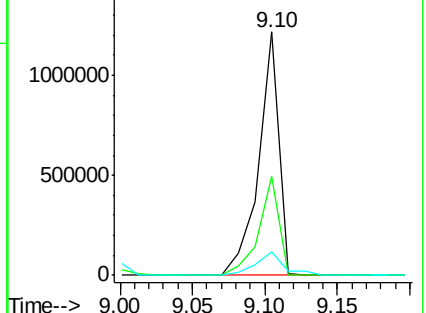
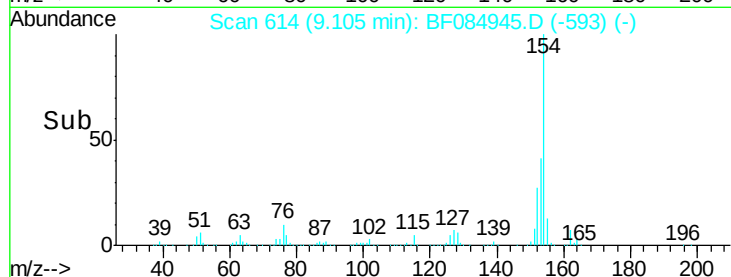
2/10/2016 1:44:49 PM



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: 39.60 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

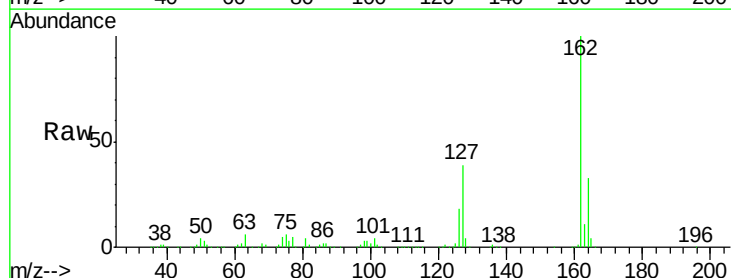
Tgt Ion:162 Resp: 852922

Ion Ratio Lower Upper

162 100

127 38.7 40.2 60.4#

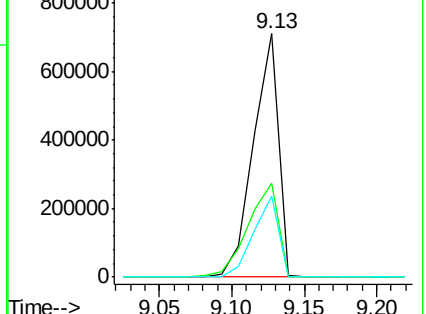
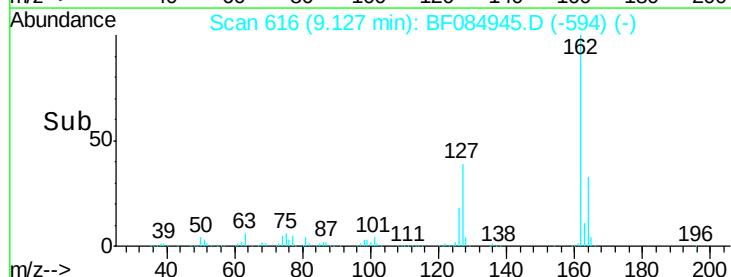
164 33.2 25.7 38.5

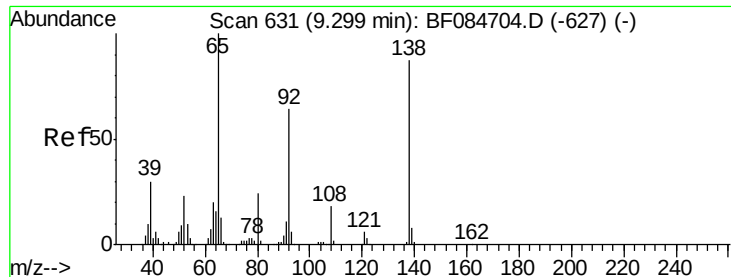


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.17 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

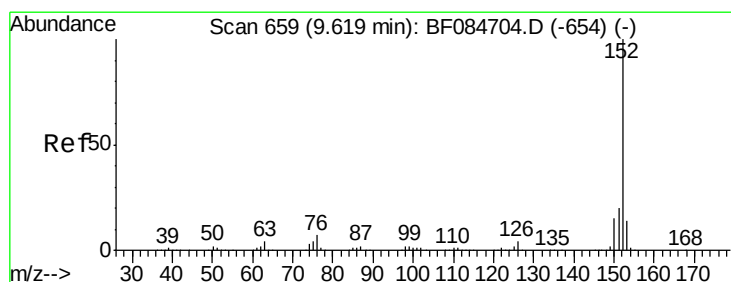
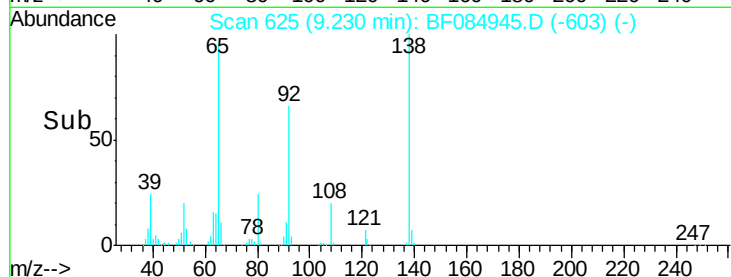
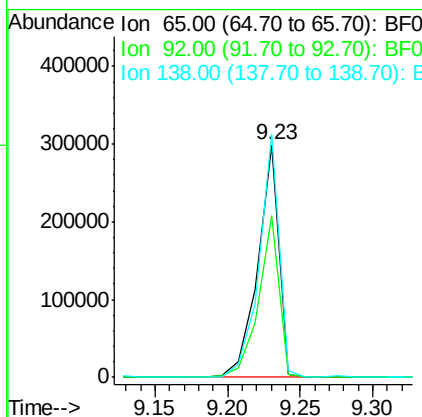
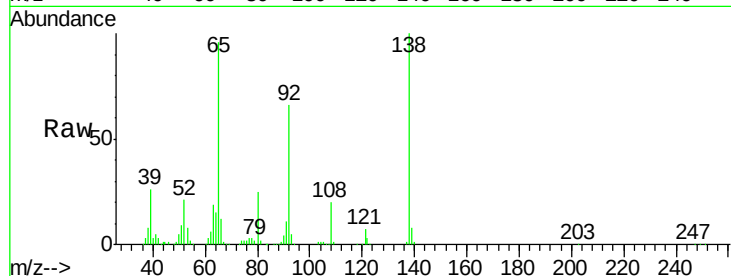
ClientSampleId :

PB88243BS

Tot Ion:	65	Resp:	301231
Ion Ratio	Lower	Upper	
65	100		
92	69.5	53.4	80.2
138	104.7	71.1	106.7

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#48

Acenaphthylene

Concen: 40.65 ng

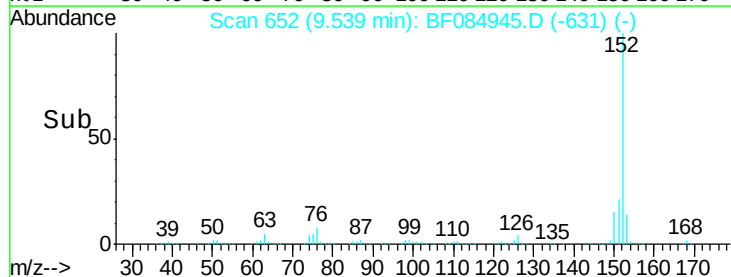
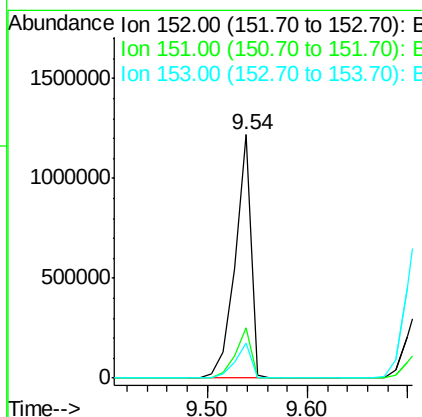
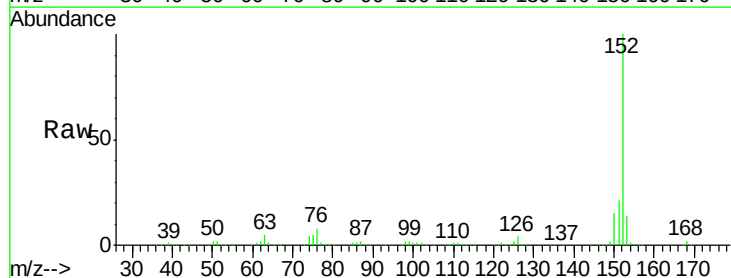
RT: 9.54 min Scan# 652

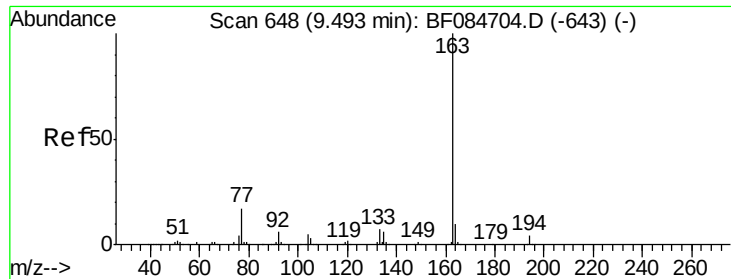
Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	152	Resp:	1328810
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	14.2	10.4	15.6





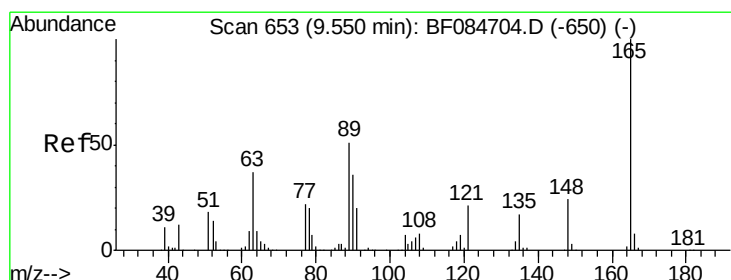
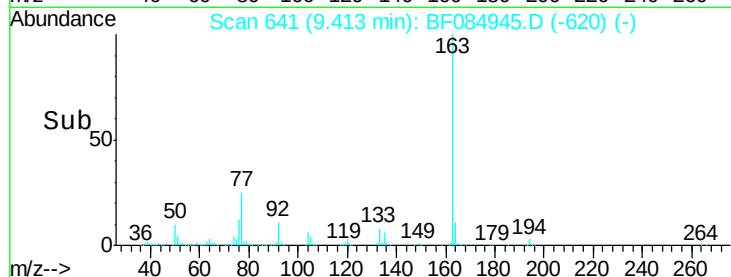
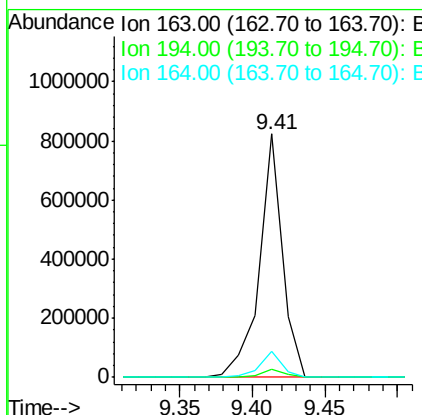
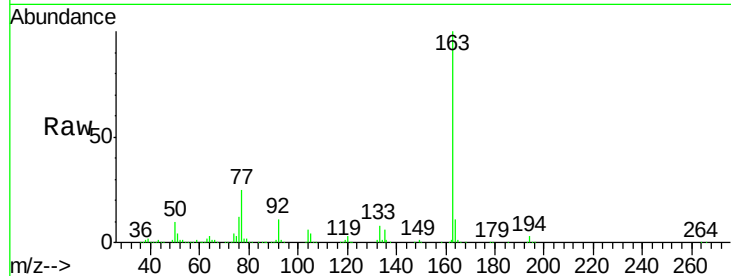
#49
Dimethylphthalate
Concen: 36.53 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	911062		
194	3.1	8.0	12.0#	
164	10.7	8.0	12.0	

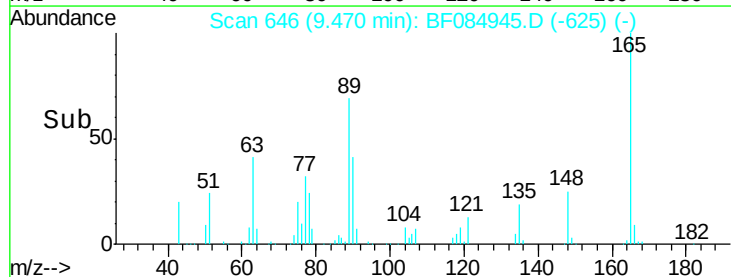
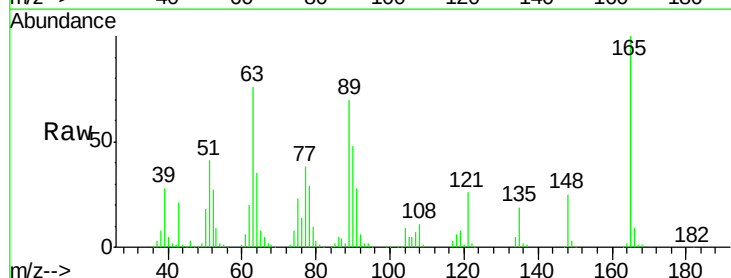
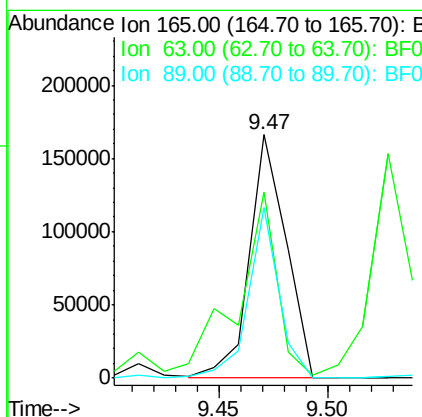
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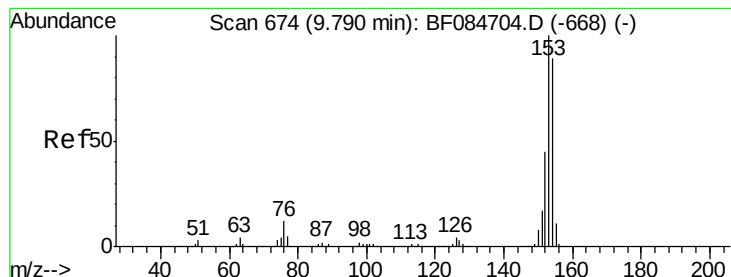
Sohil
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#50
2,6-Dinitrotoluene
Concen: 35.84 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195262		
63	76.3	28.8	43.2#	
89	69.9	35.1	52.7#	





#51

Acenaphthene

Concen: 40.78 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

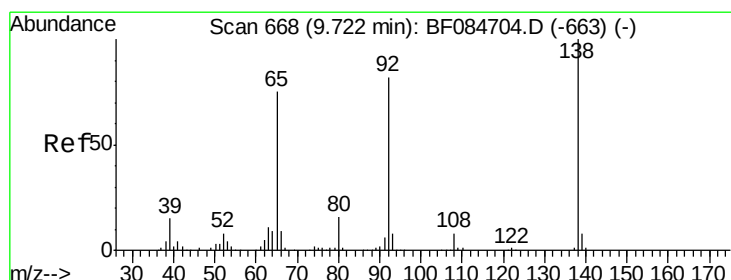
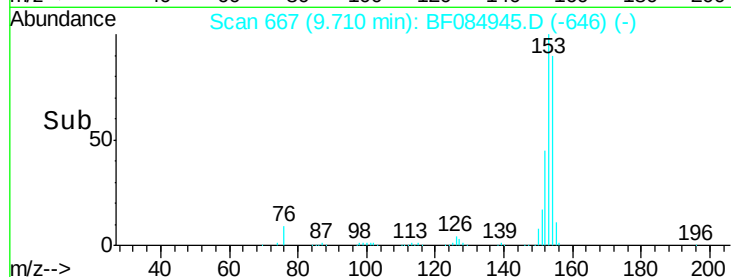
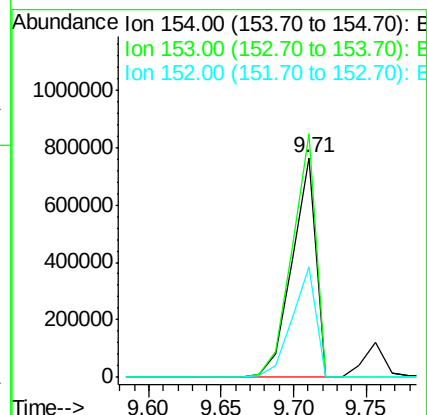
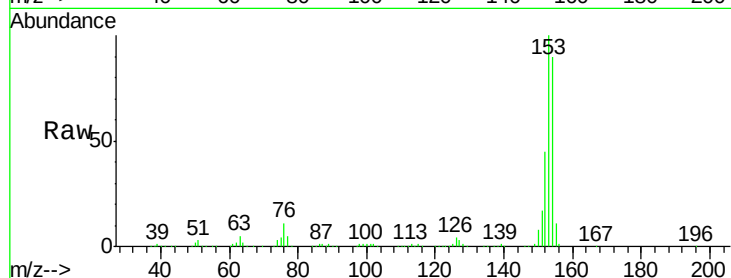
ClientSampled :

PB88243BS

Tot Ion:	154	Resp:	867082
Ion Ratio	Lower	Upper	
154	100		
153	111.0	91.5	137.3
152	50.2	43.0	64.6

Manual Integrations
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2/10/2016 1:44:49 PM



#52

3-Nitroaniline

Concen: 19.78 ng

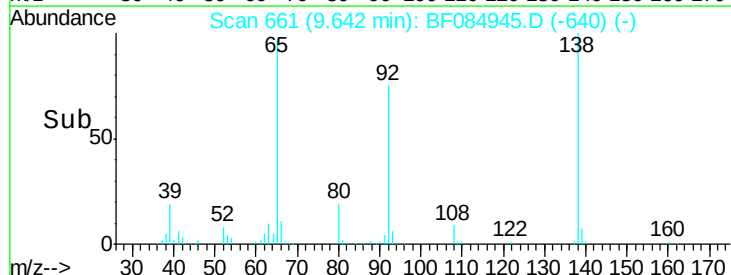
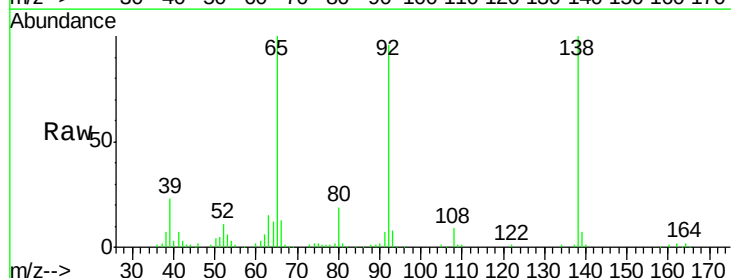
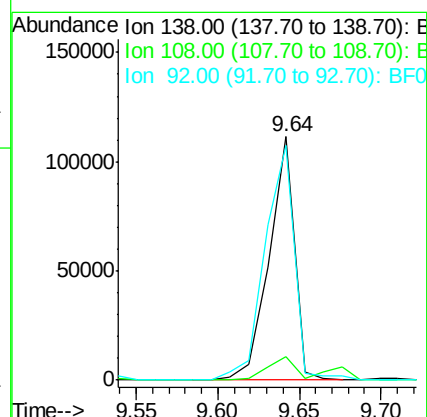
RT: 9.64 min Scan# 661

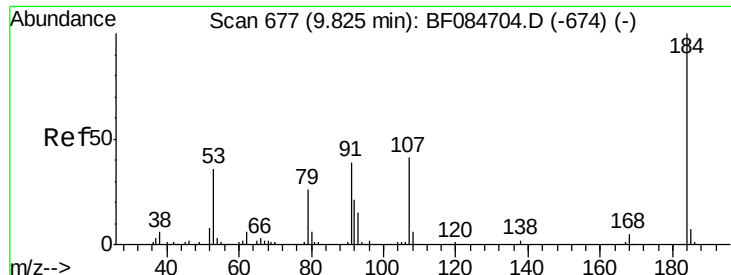
Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	138	Resp:	121078
Ion Ratio	Lower	Upper	
138	100		
108	9.4	10.5	15.7#
92	96.4	103.9	155.9#





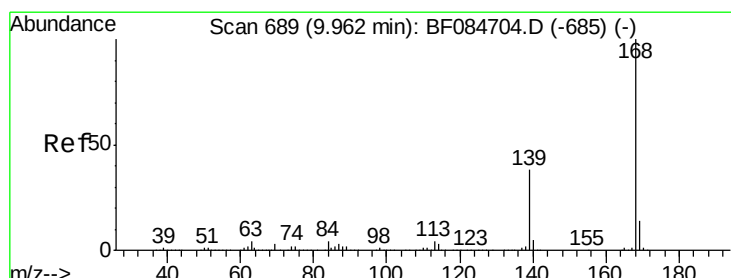
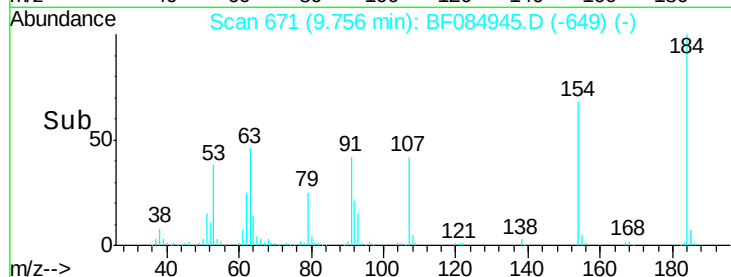
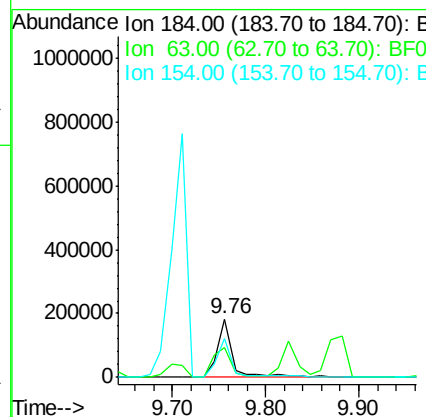
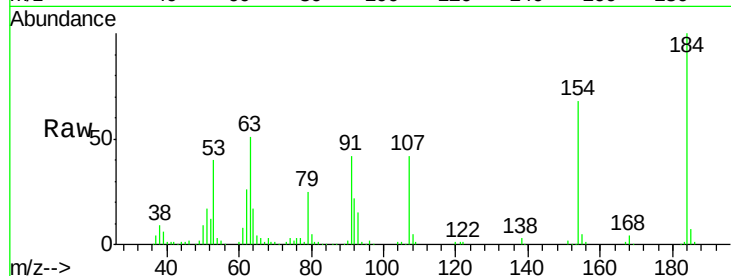
#53
2,4-Dinitrophenol
Concen: 84.63 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampled :
PB88243BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	213720		
63	50.7	43.1	64.7	
154	67.6	60.5	90.7	

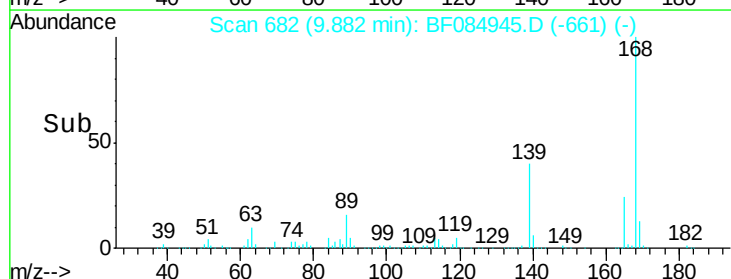
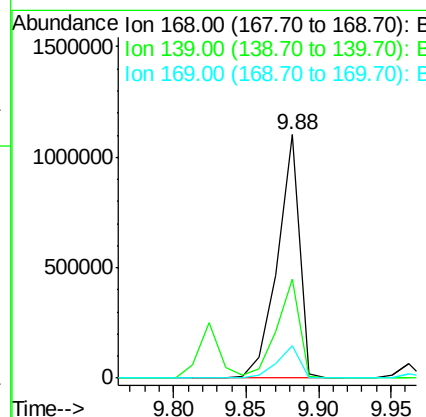
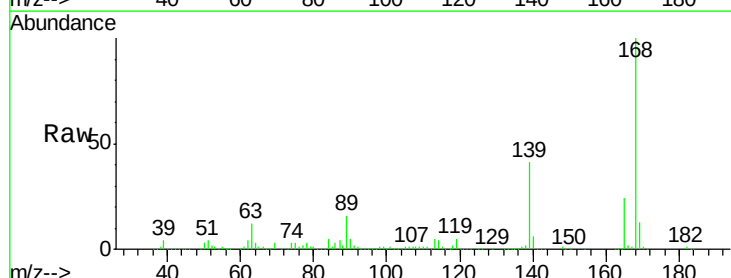
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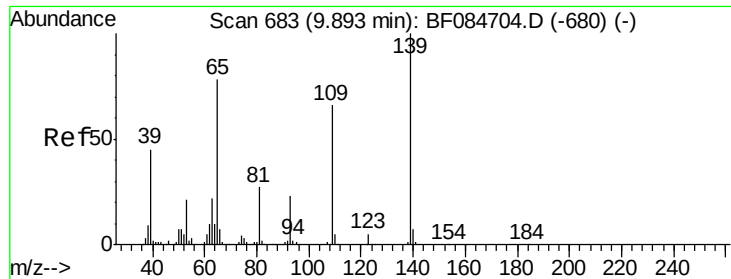
Sohil
2/10/2016 1:44:49 PM



#54
Dibenzofuran
Concen: 44.52 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1157186		
139	40.6	30.5	45.7	
169	13.5	10.4	15.6	





#55

4-Nitrophenol

Concen: 57.30 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

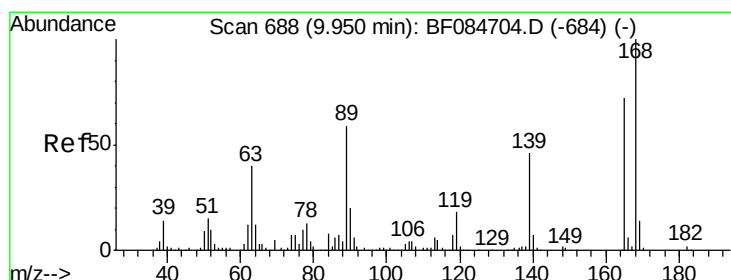
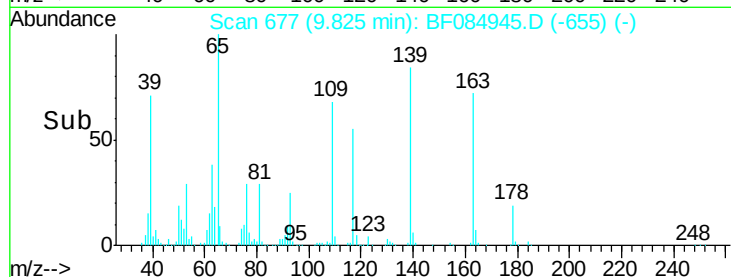
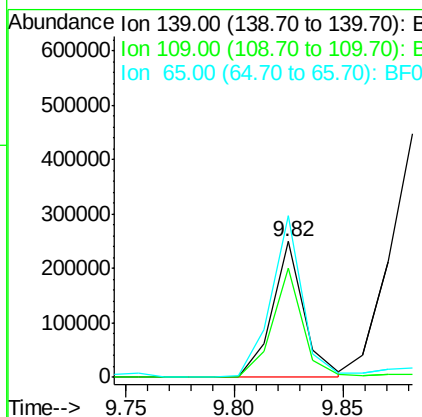
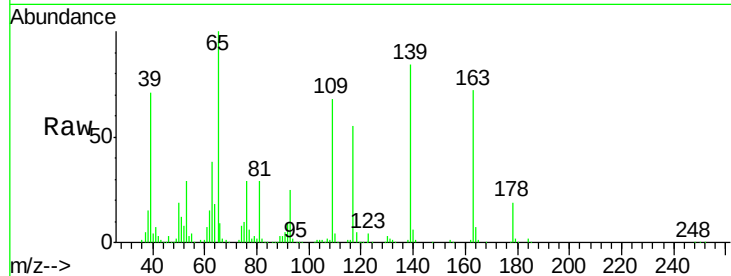
ClientSampleId :

PB88243BS

Tot Ion:	139	Resp:	257823
Ion Ratio	Lower	Upper	
139	100		
109	80.8	58.5	98.5
65	119.5	57.6	97.6#

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2/10/2016 1:44:49 PM



#56

2,4-Dinitrotoluene

Concen: 42.35 ng

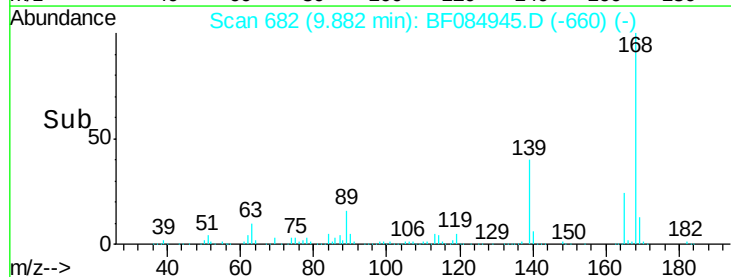
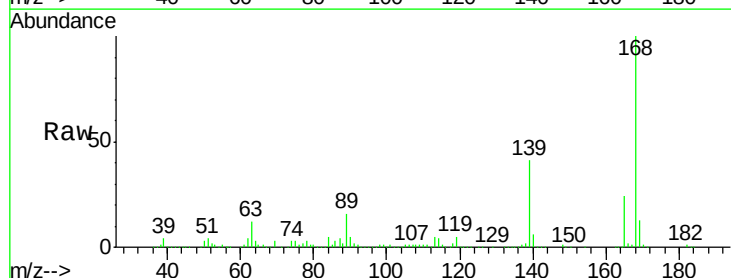
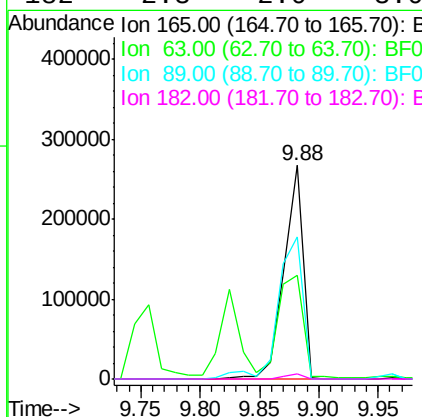
RT: 9.88 min Scan# 682

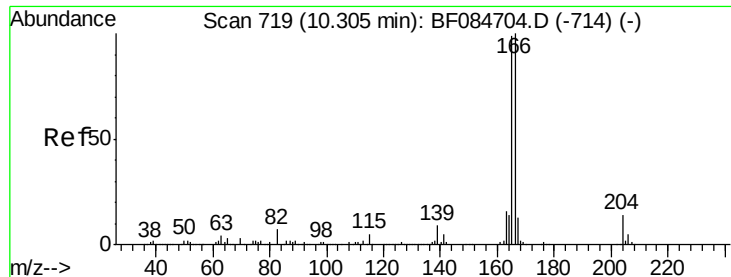
Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	165	Resp:	294307
Ion Ratio	Lower	Upper	
165	100		
63	48.5	36.7	55.1
89	66.7	61.9	92.9
182	2.3	2.0	3.0





#57

Fluorene

Concen: 42.09 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

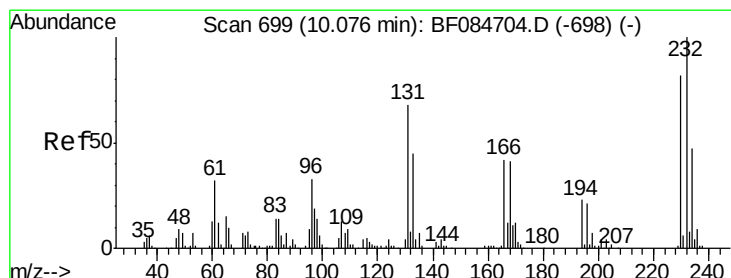
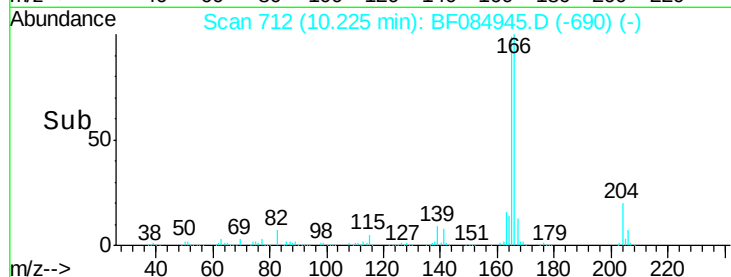
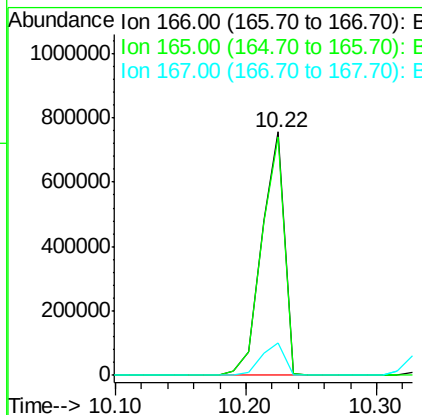
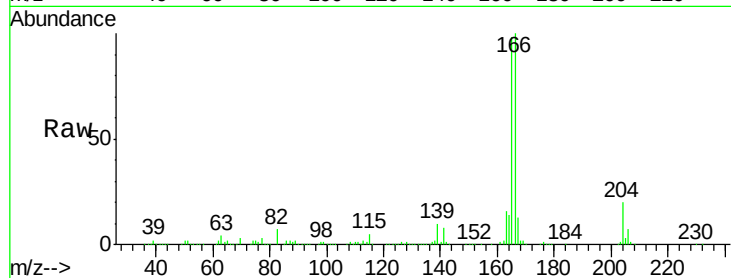
PB88243BS

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Tot Ion:	166	Resp:	913414
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.1	118.7
167	13.3	10.4	15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.05 ng

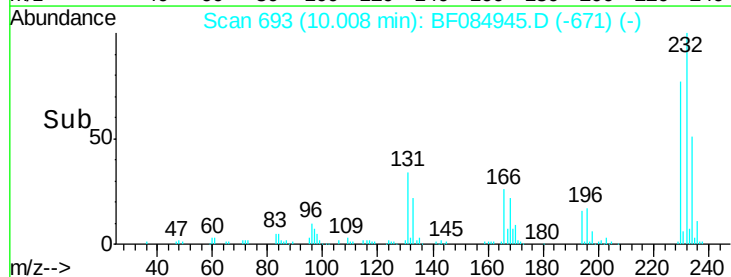
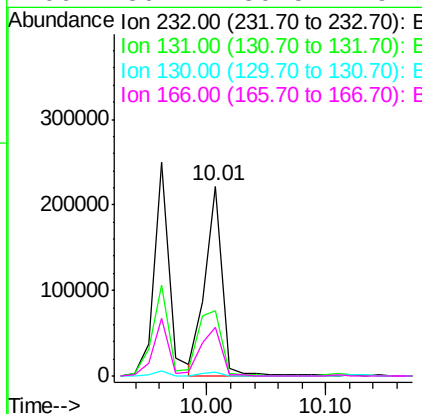
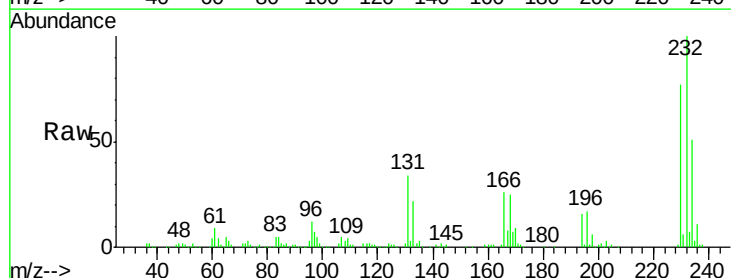
RT: 10.01 min Scan# 693

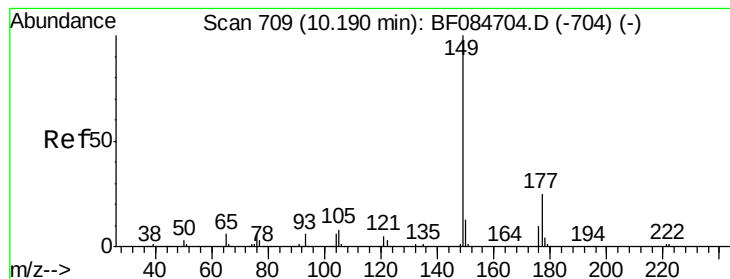
Delta R.T. -0.05 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	232	Resp:	223103
Ion Ratio	Lower	Upper	
232	100		
131	46.7	47.0	70.6#
130	2.2	2.0	3.0
166	30.2	30.5	45.7#





#59

Diethylphthalate

Concen: 37.02 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

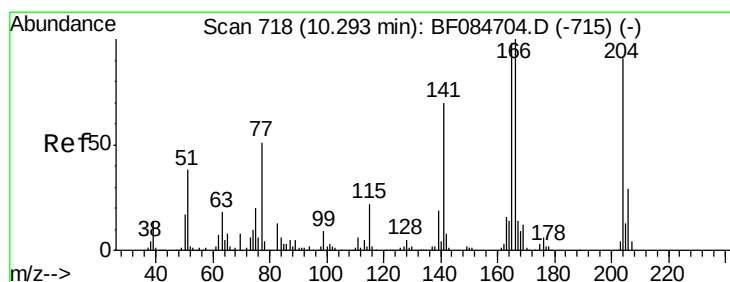
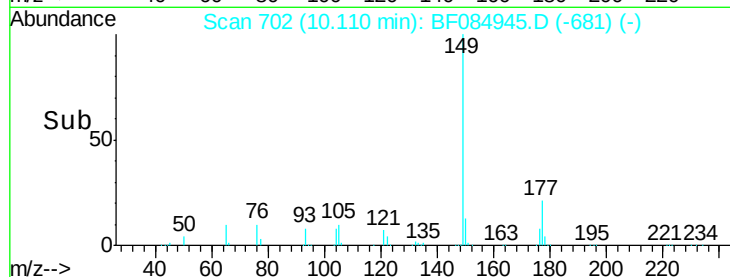
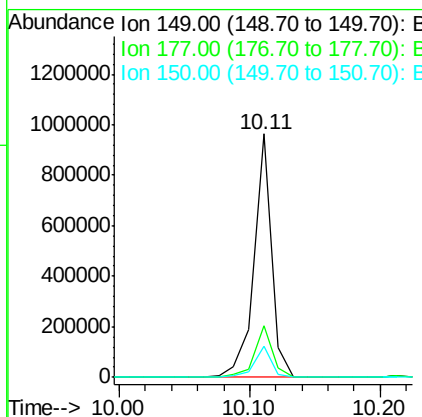
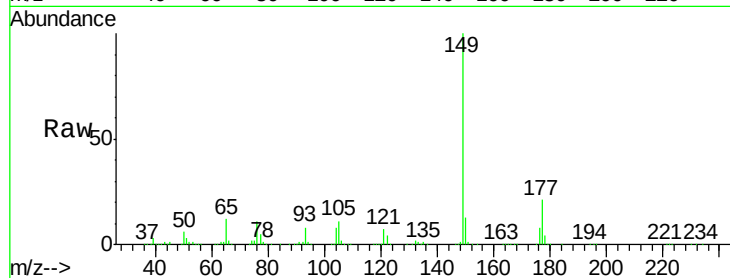
ClientSampleId :

PB88243BS

Tot Ion:	149	Resp:	901566
Ion Ratio	Lower	Upper	
149	100		
177	21.2	17.3	25.9
150	12.5	9.8	14.8

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 40.22 ng

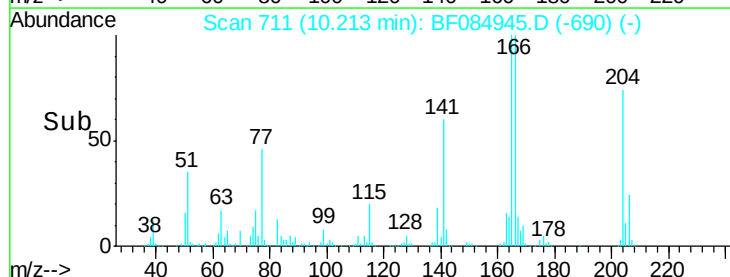
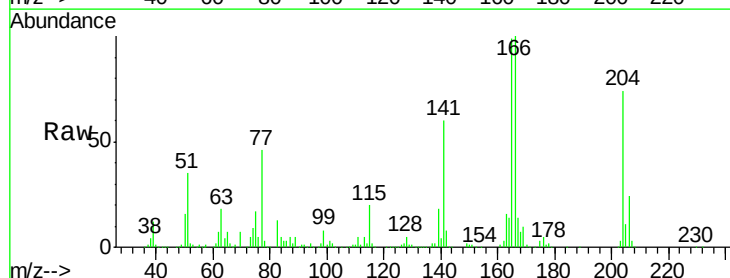
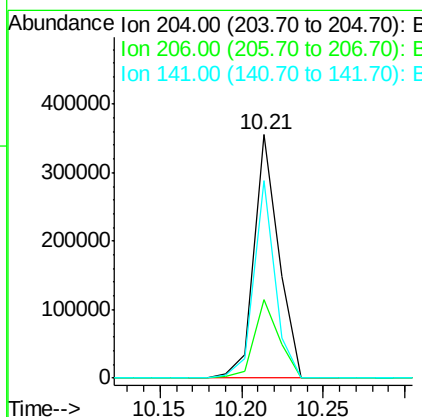
RT: 10.21 min Scan# 711

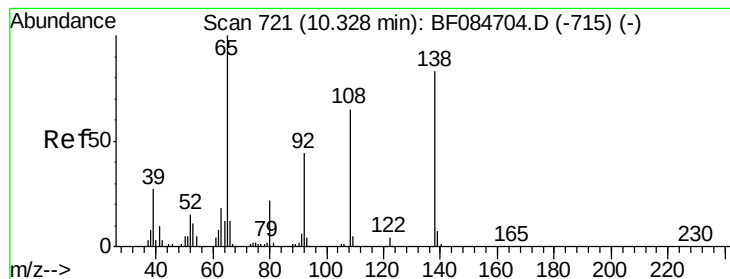
Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	204	Resp:	373768
Ion Ratio	Lower	Upper	
204	100		
206	32.0	25.7	38.5
141	81.4	55.1	82.7





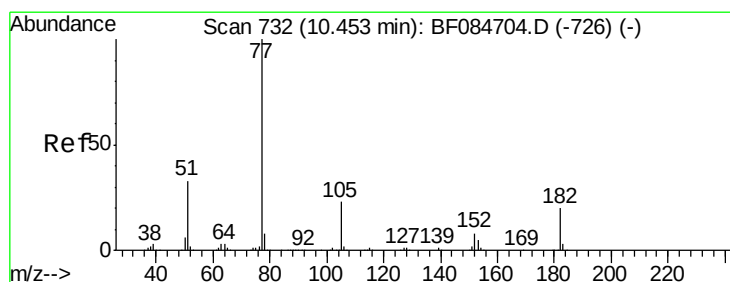
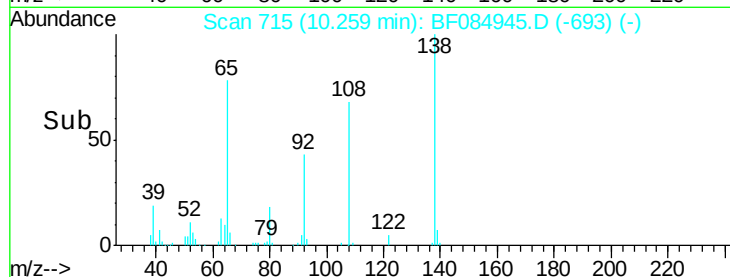
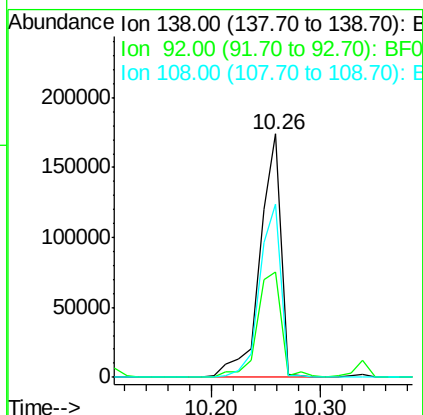
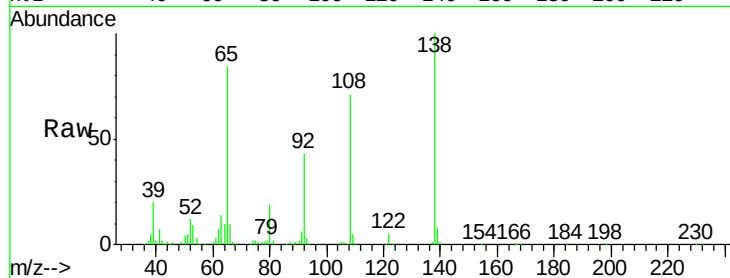
#61
4-Nitroaniline
Concen: 39.31 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	32.6	72.6
108	71.0	68.6	108.6

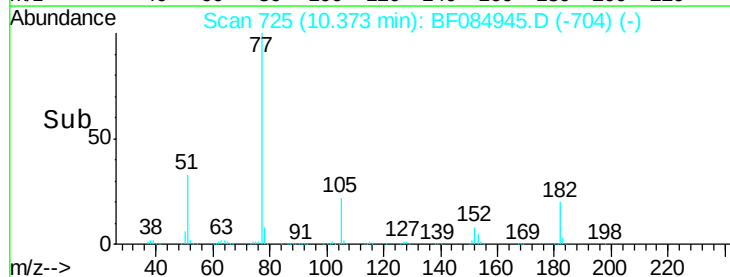
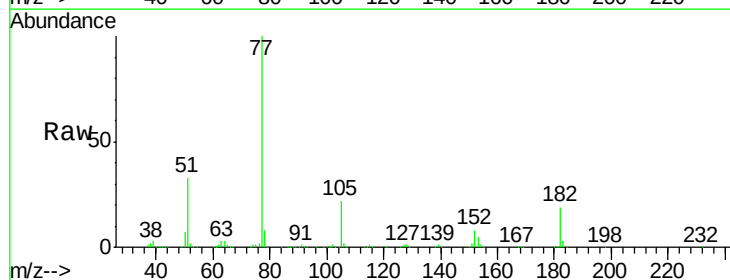
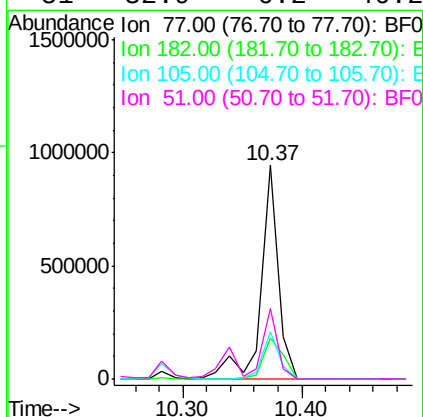
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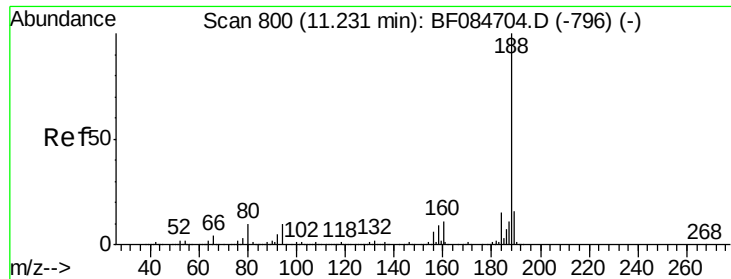
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#62
Azobenzene
Concen: 41.68 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	8.3	48.3
105	22.5	4.6	44.6
51	32.9	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

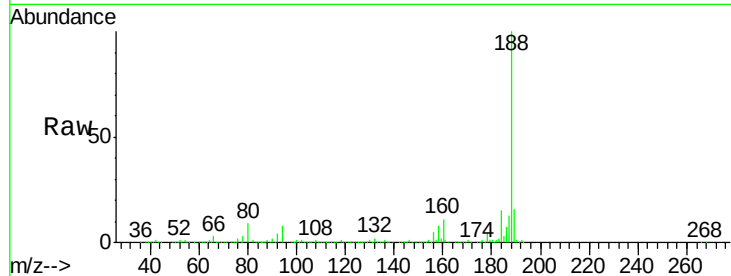
ClientSampleId :

PB88243BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.5	9.6	14.4#

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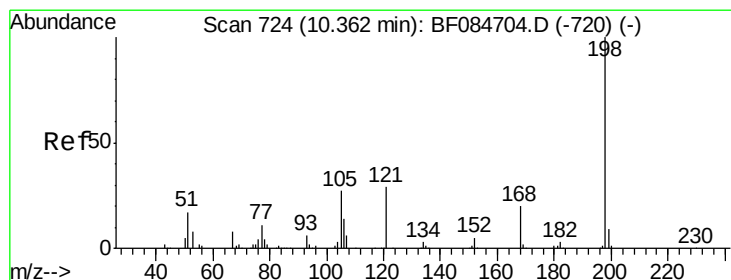
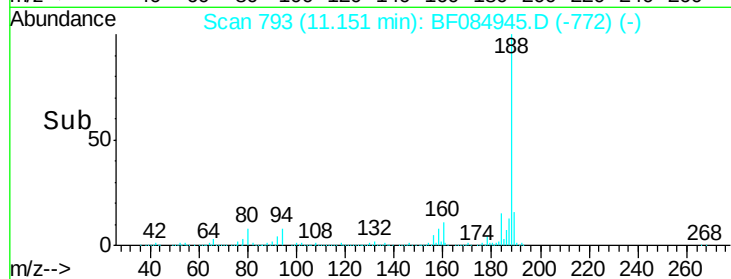
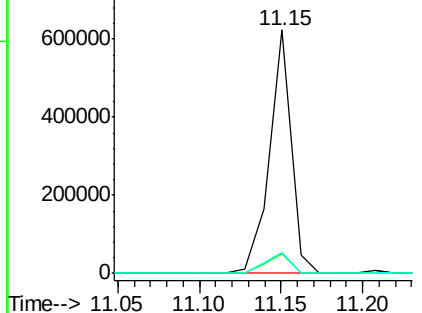
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.29 ng

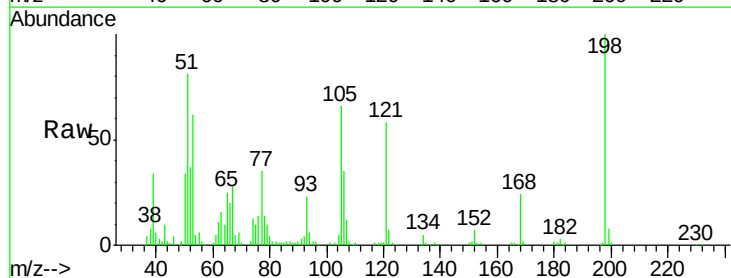
RT: 10.28 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

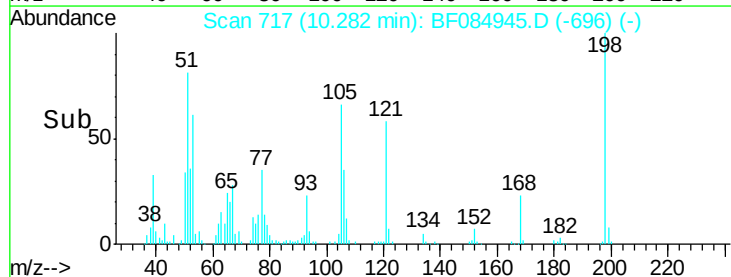
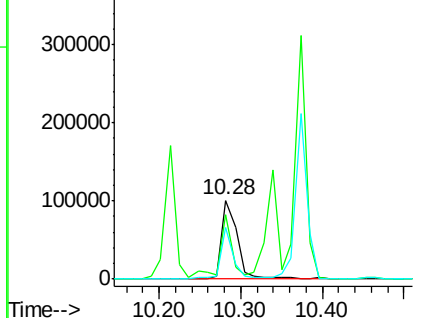
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	81.2	18.9	58.9#
105	66.3	26.4	66.4

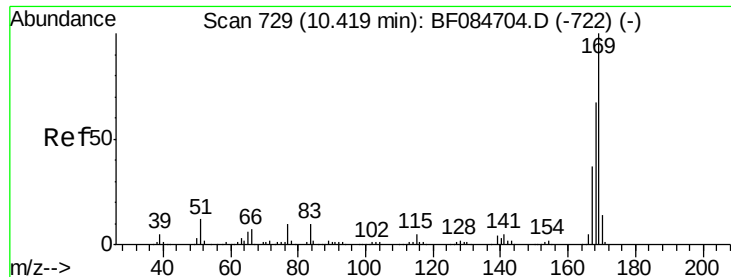


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.14 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

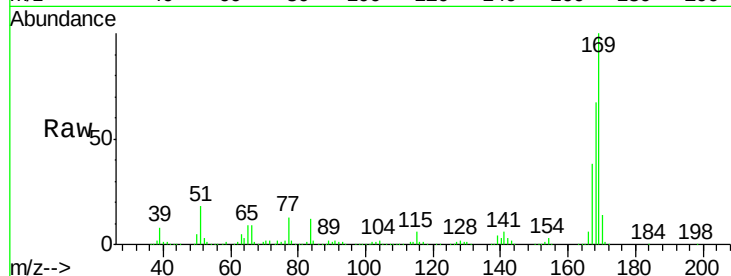
ClientSampled :

PB88243BS

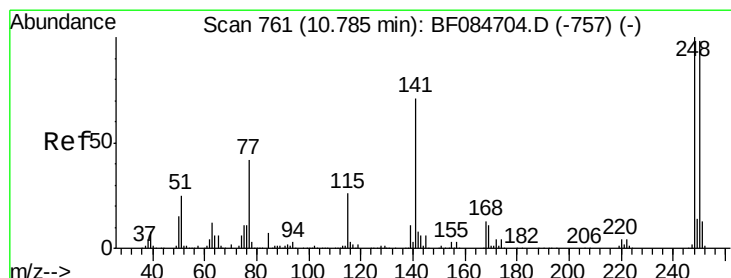
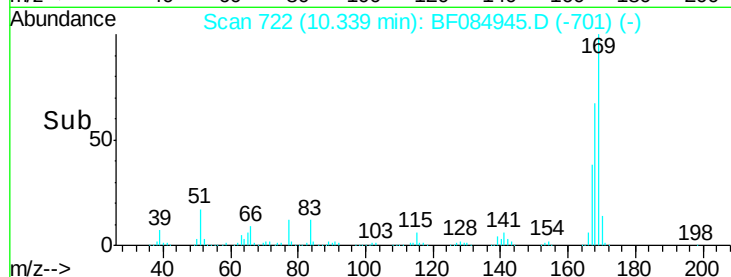
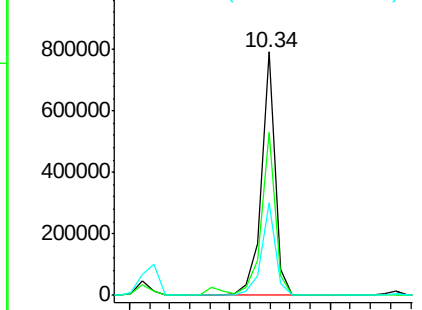
Tot Ion:	169	Resp:	745038
Ion Ratio	Lower	Upper	
169	100		
168	67.1	55.1	82.7
167	37.8	30.0	45.0

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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: 43.44 ng

RT: 10.70 min Scan# 754

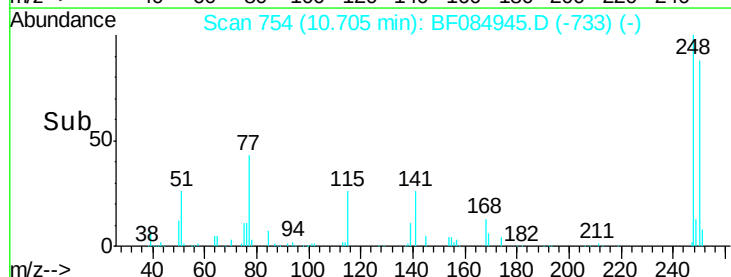
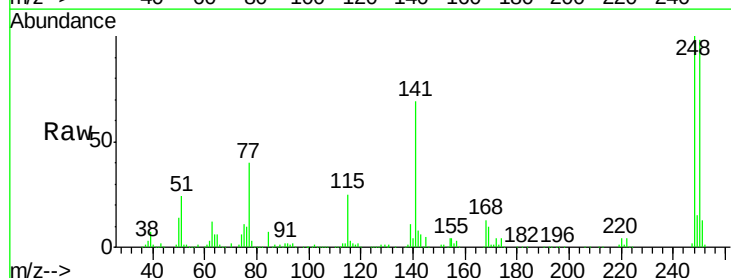
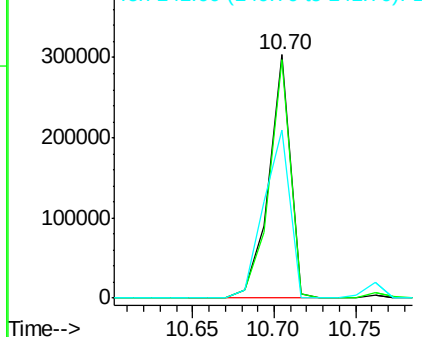
Delta R.T. -0.06 min

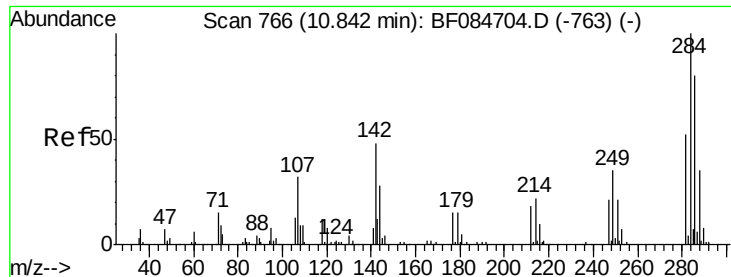
Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	248	Resp:	280479
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.4	117.6
141	69.0	44.0	66.0

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





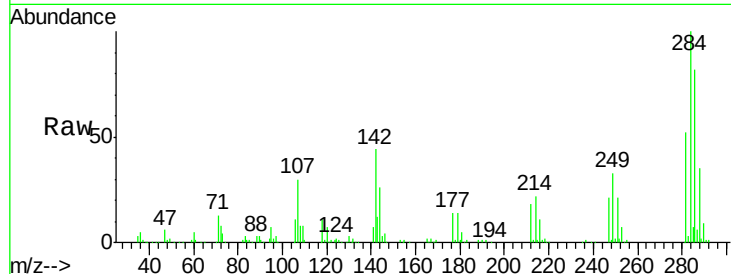
#67
Hexachlorobenzene
Concen: 38.80 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

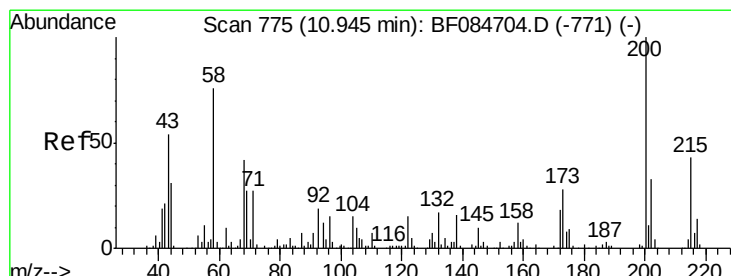
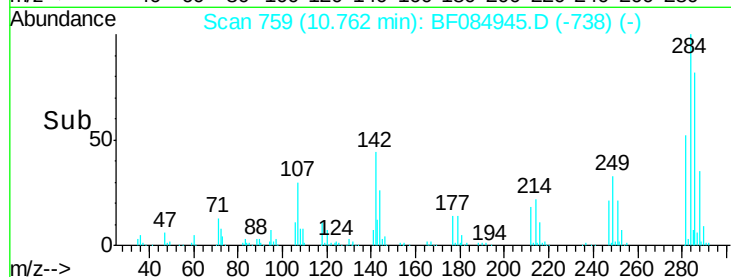
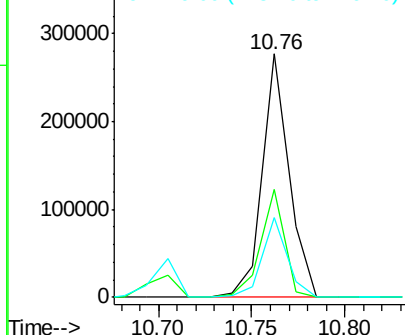
Tot Ion	Ratio	Resp	Lower	Upper
284	100	272928		
142	44.3	22.2	33.4#	
249	32.9	24.6	37.0	

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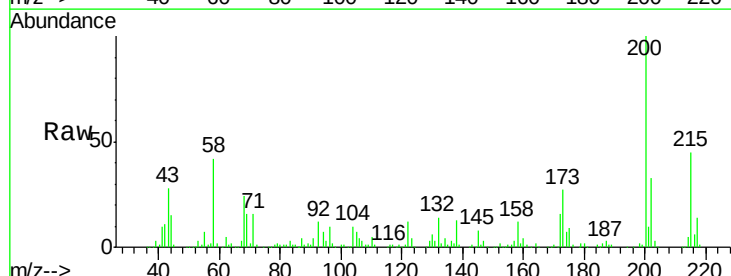


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

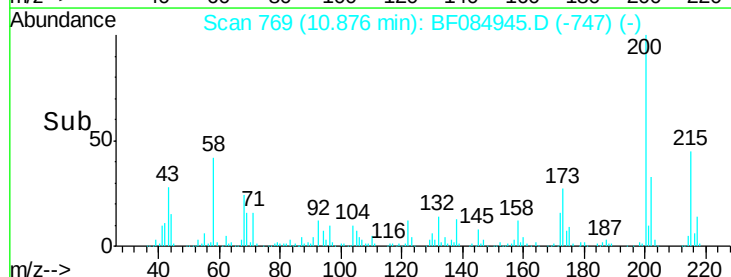
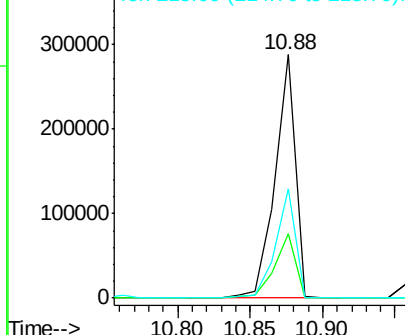


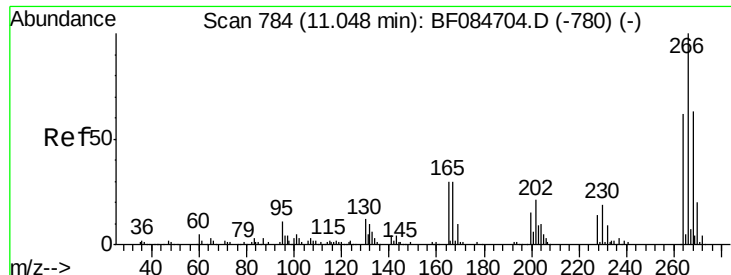
#68
Atrazine
Concen: 47.84 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	280397		
173	26.6	9.5	49.5	
215	44.9	23.8	63.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





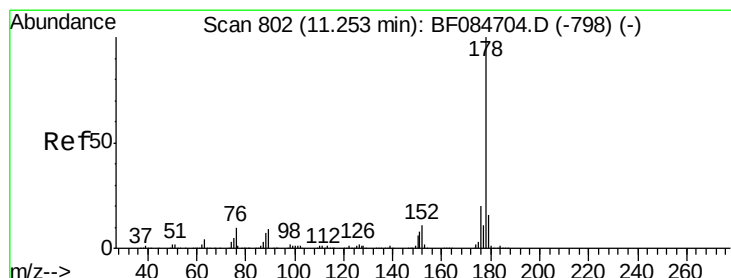
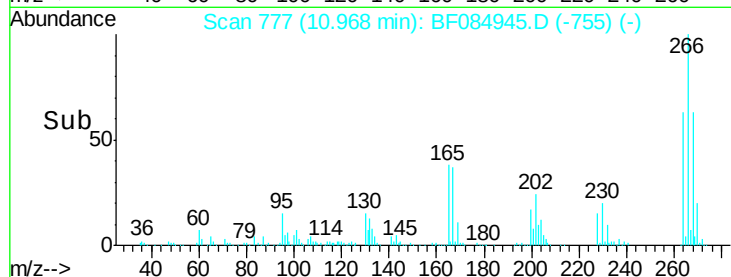
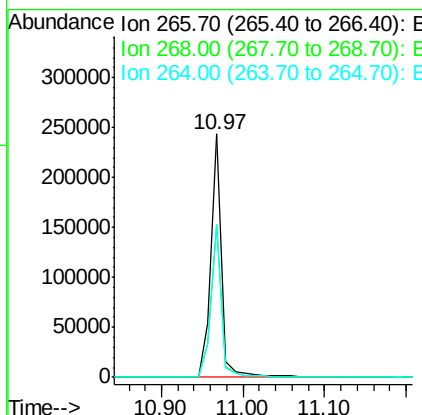
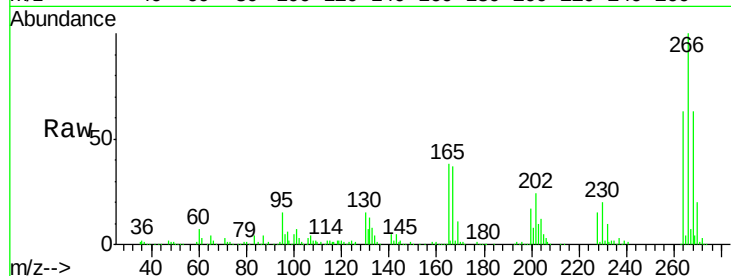
#69
 Pentachlorophenol
 Concen: 69.49 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	229767		
268	62.7	52.4	78.6	
264	62.6	50.2	75.2	

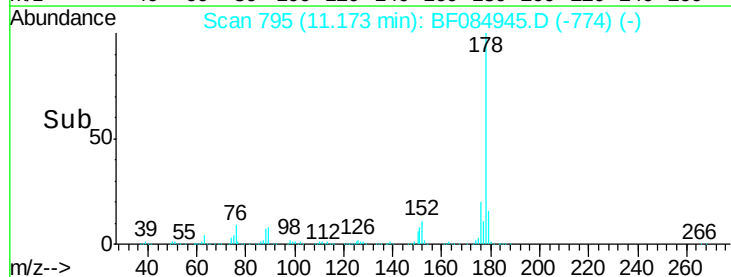
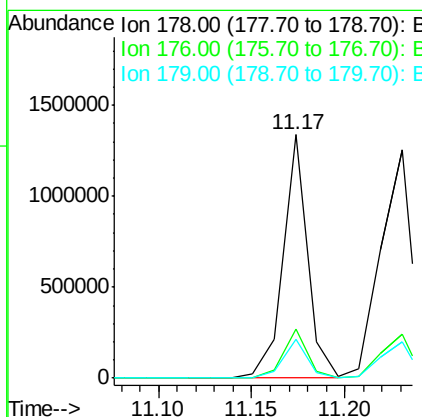
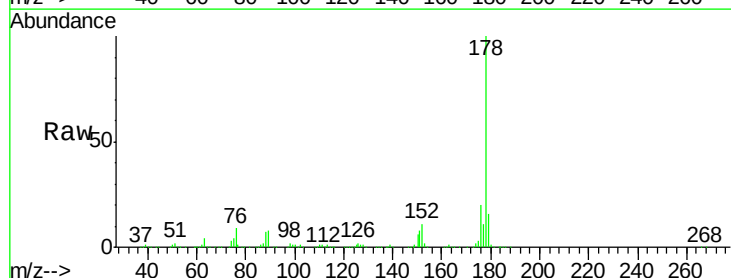
Manual Integrations
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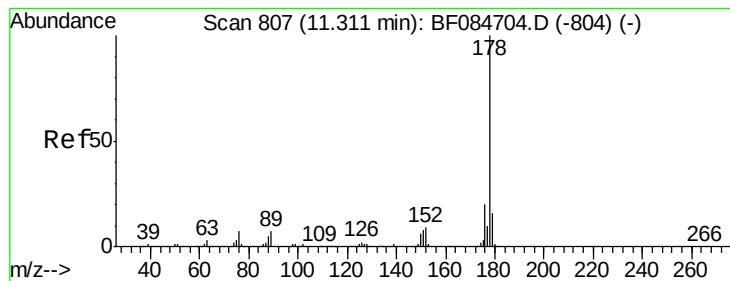
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#70
 Phenanthrene
 Concen: 37.83 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1226533		
176	20.2	15.3	22.9	
179	16.2	12.0	18.0	





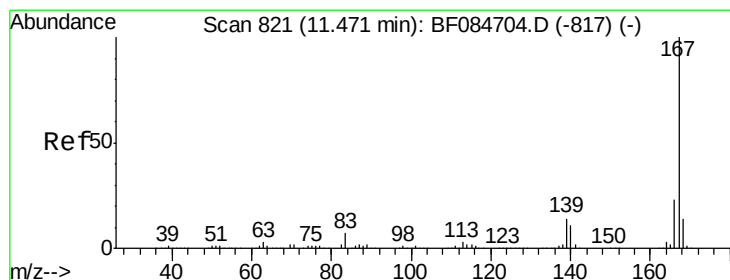
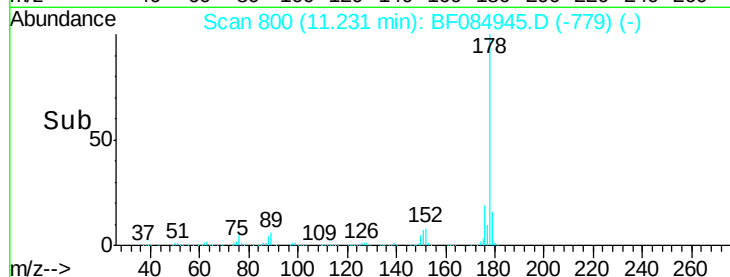
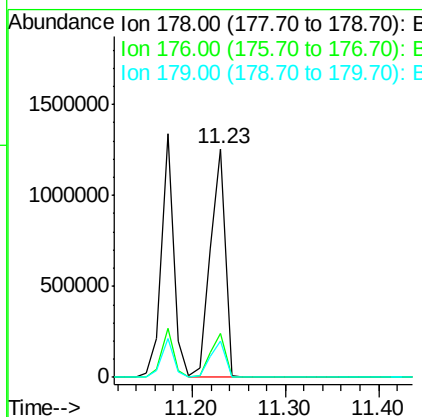
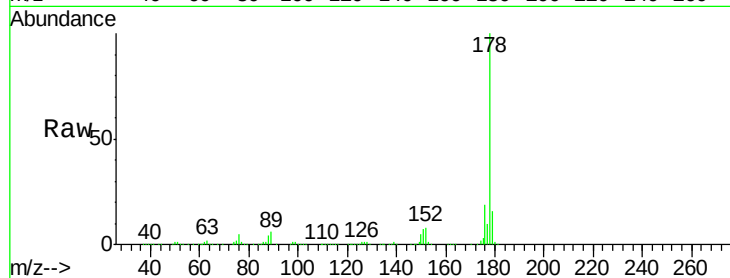
#71
 Anthracene
 Concen: 42.71 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.6	12.5	18.7

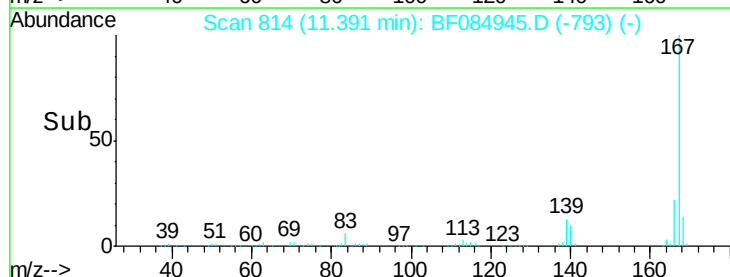
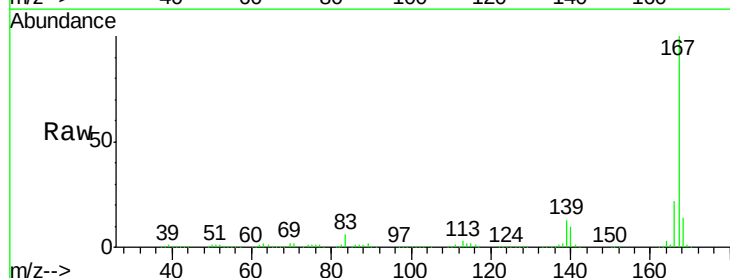
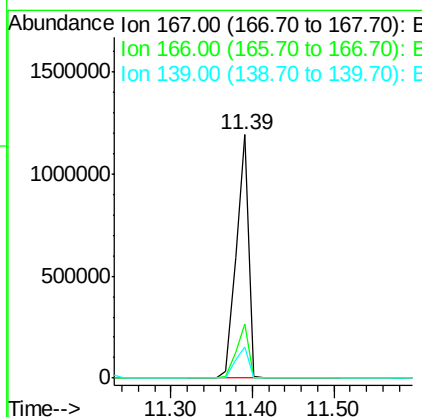
Manual Integrations
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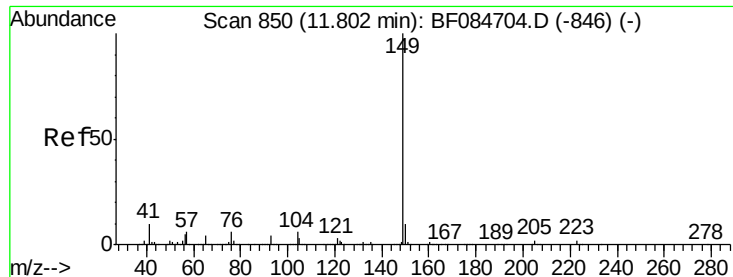
Sohil
 2/10/2016 1:44:49 PM



#72
 Carbazole
 Concen: 44.23 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.0	11.8	17.8





#73

Di-n-butylphthalate

Concen: 38.93 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

ClientSampleId :

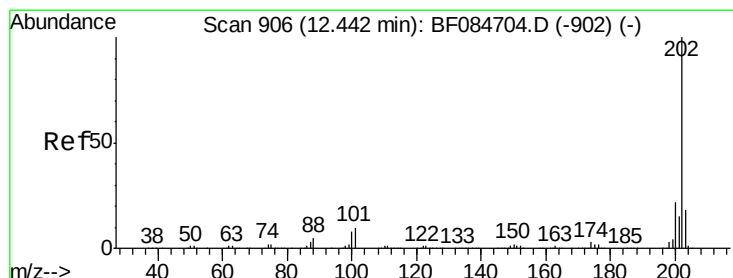
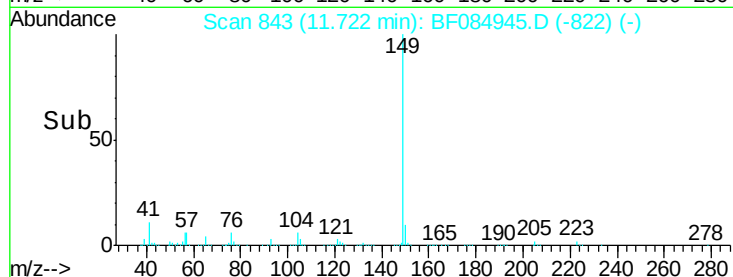
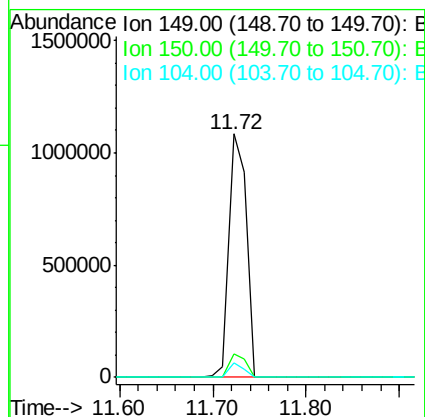
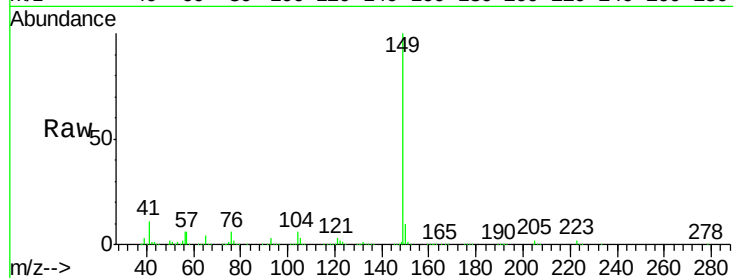
PB88243BS

Tot Ion:149 Resp: 1411865

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	5.9	3.2	4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 39.34 ng

RT: 12.35 min Scan# 898

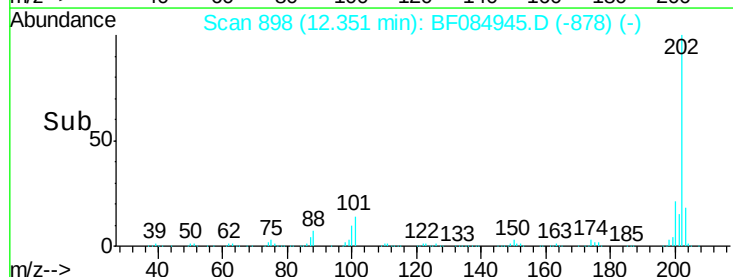
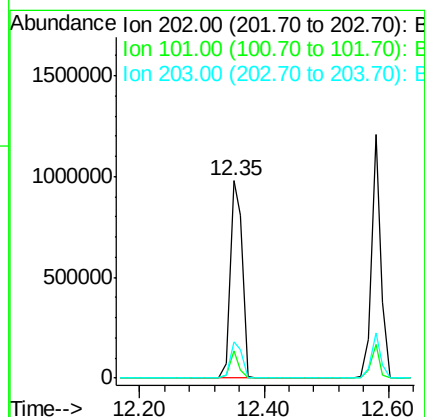
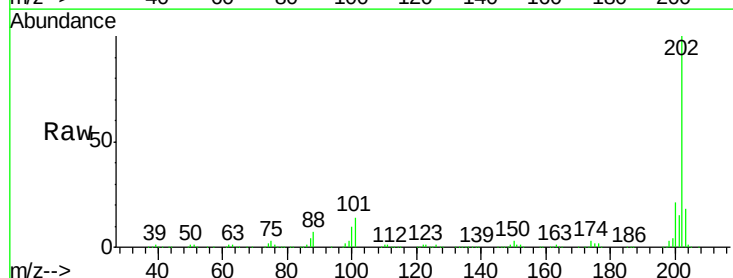
Delta R.T. -0.07 min

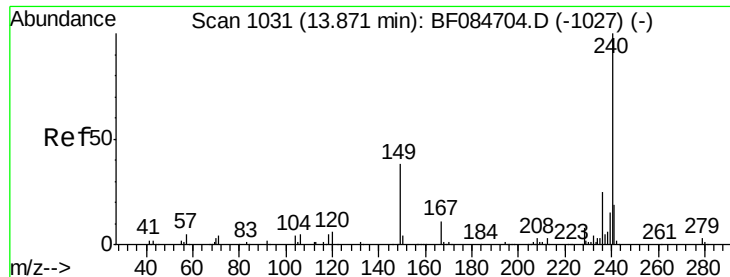
Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:202 Resp: 1291046

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.8
203	18.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

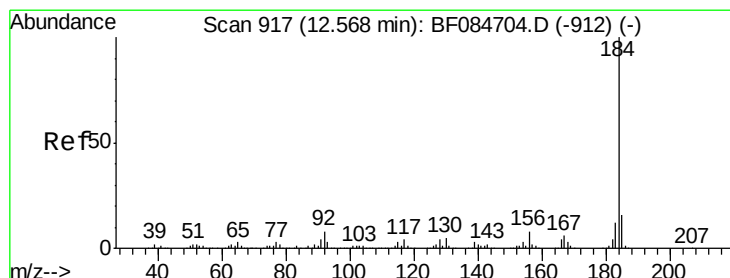
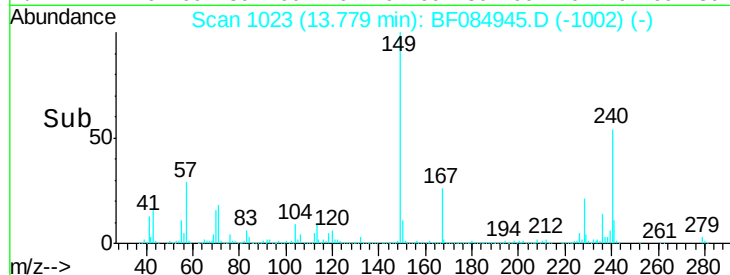
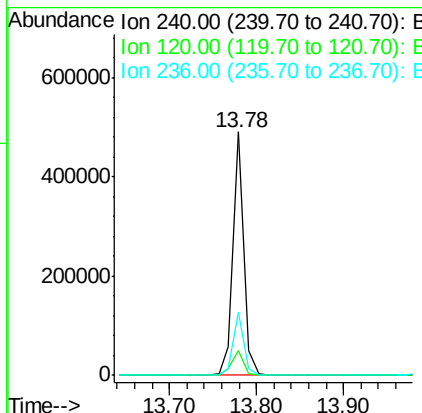
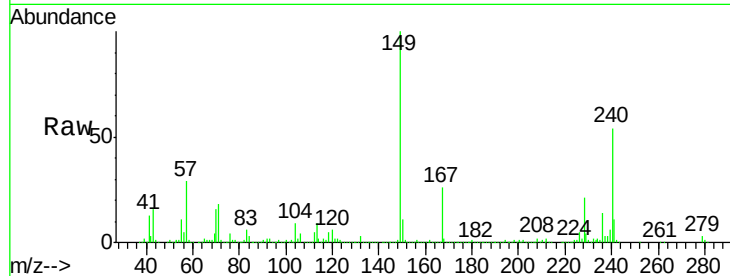
ClientSampleId :

PB88243BS

Tot Ion:	240	Resp:	417626
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	25.8	20.6	31.0

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Sohil
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#76

Benzidine

Concen: 26.72 ng

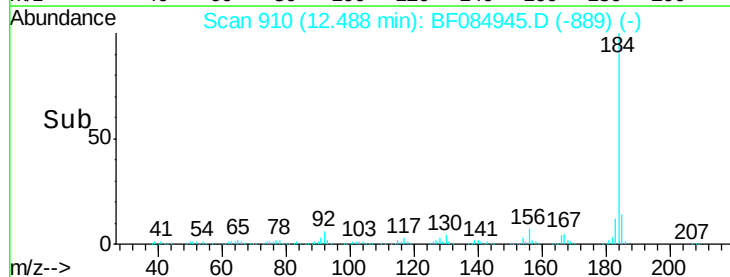
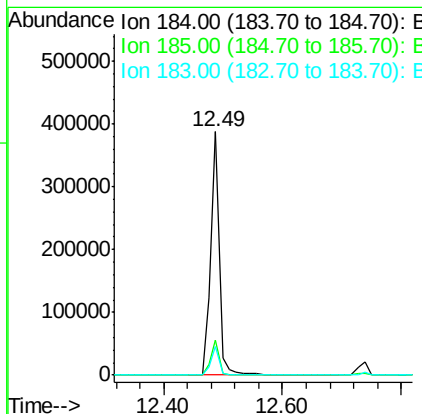
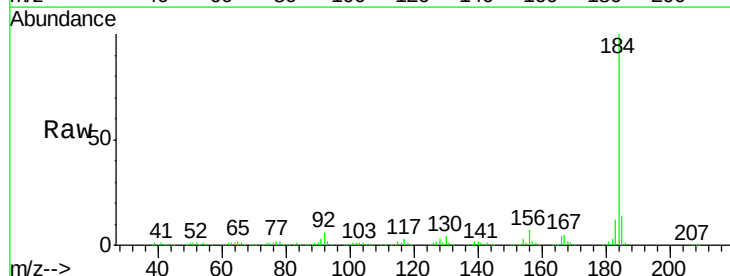
RT: 12.49 min Scan# 910

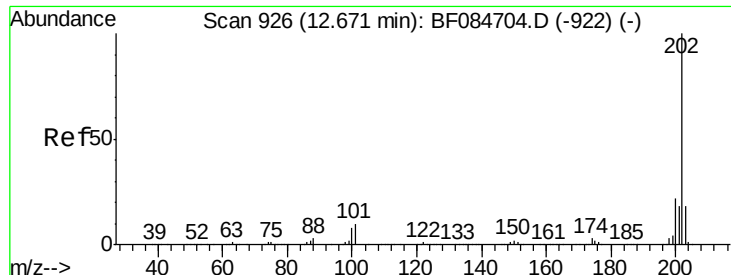
Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	184	Resp:	388366
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.2
183	11.5	9.8	14.8





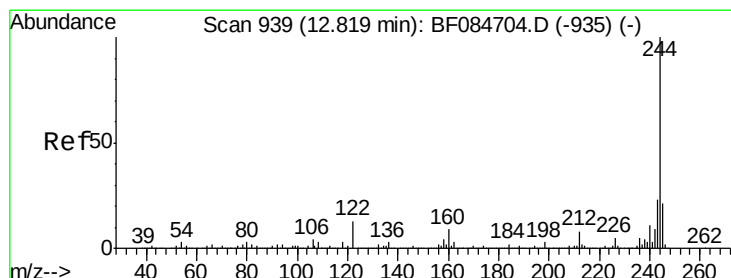
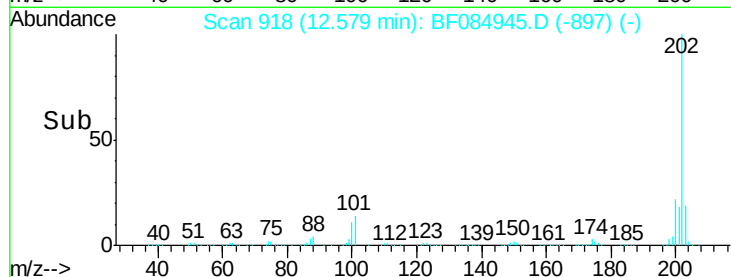
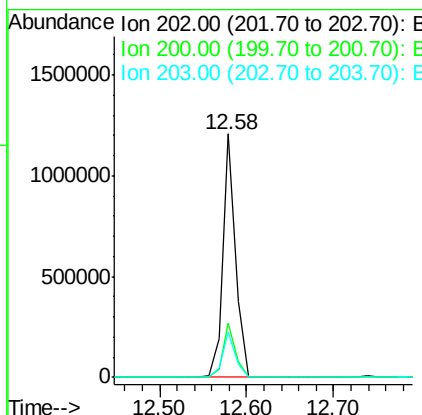
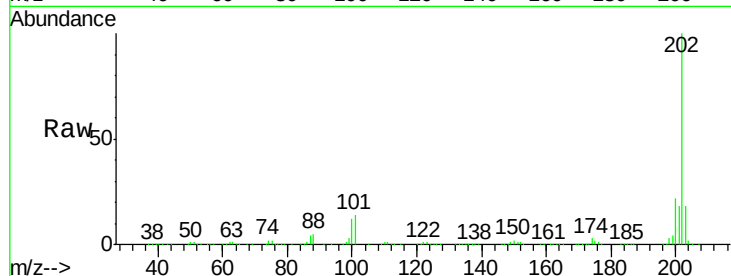
#77
Pvrene
Concen: 38.48 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.4	14.3	21.5

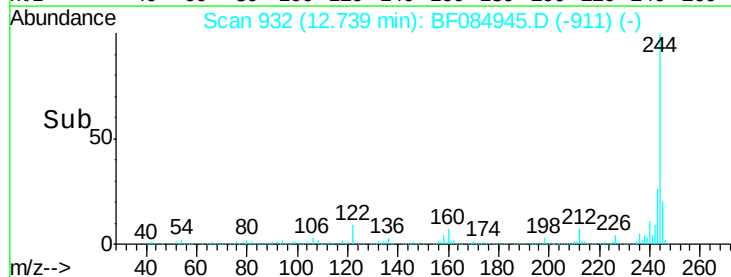
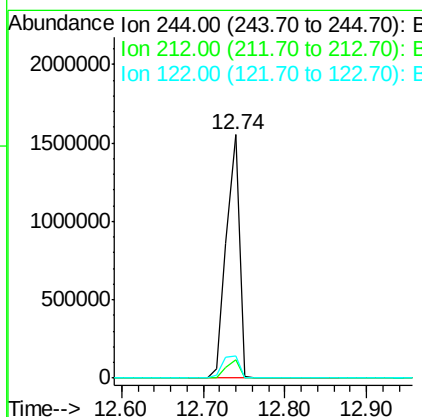
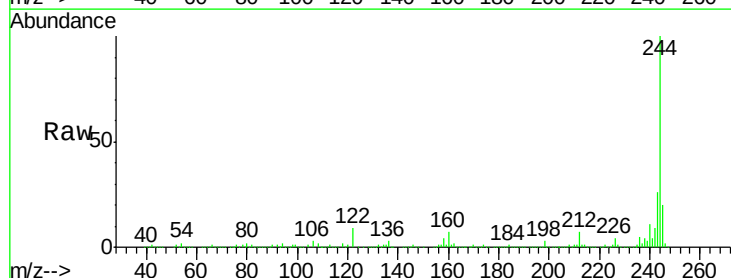
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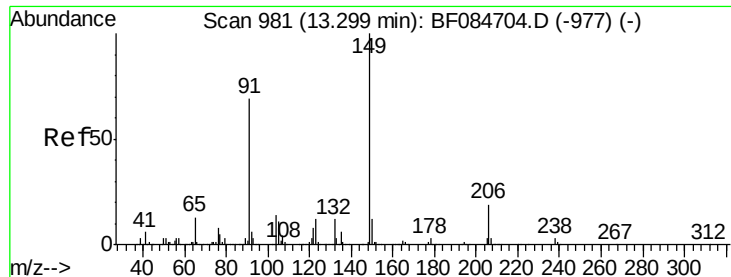
Sohil
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#78
Terphenyl-d14
Concen: 92.98 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.0	7.4	11.0





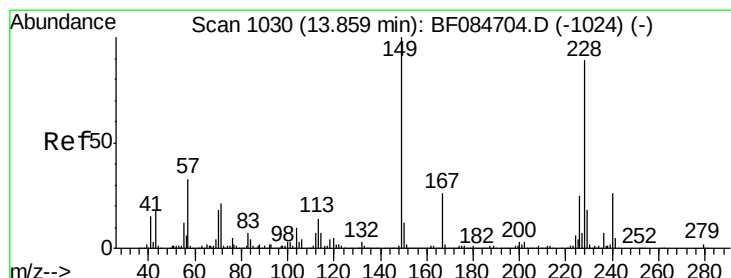
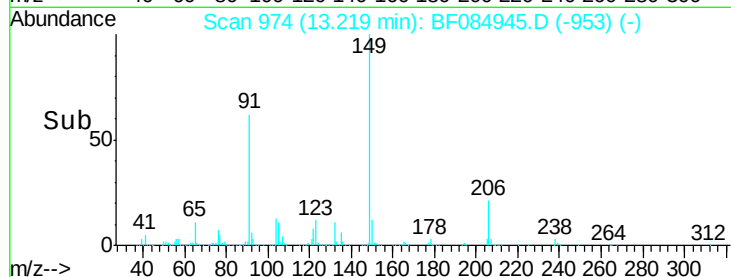
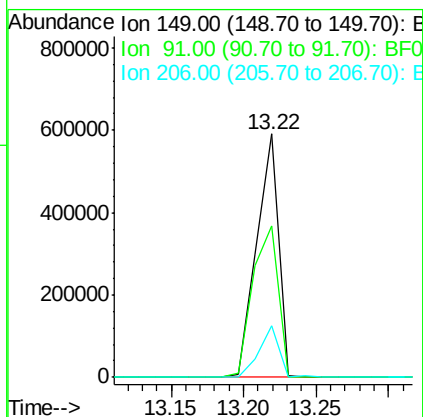
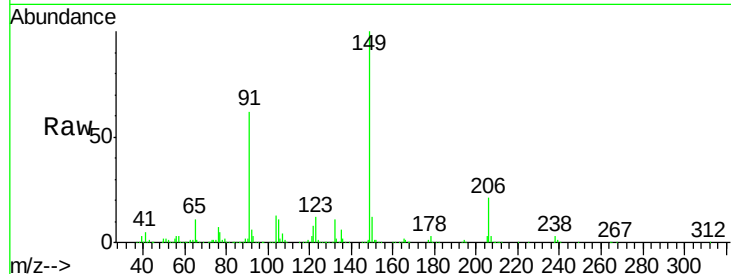
#79
Butylbenzylphthalate
Concen: 42.91 ng
RT: 13.22 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.3	57.6	86.4
206	21.1	13.2	19.8

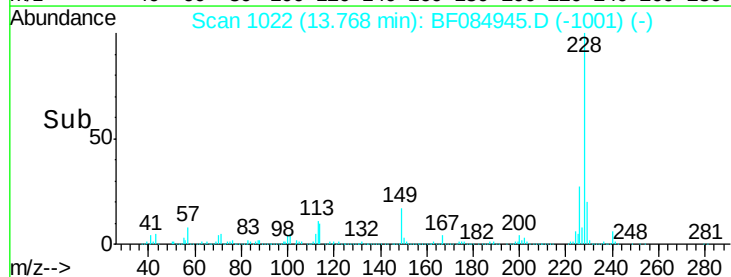
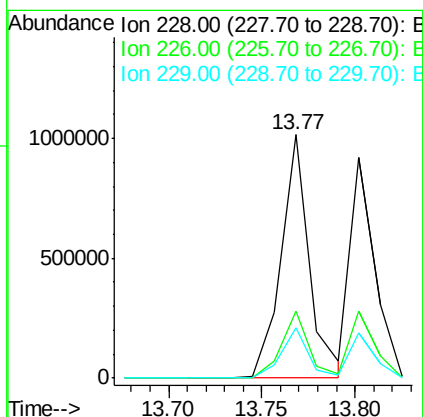
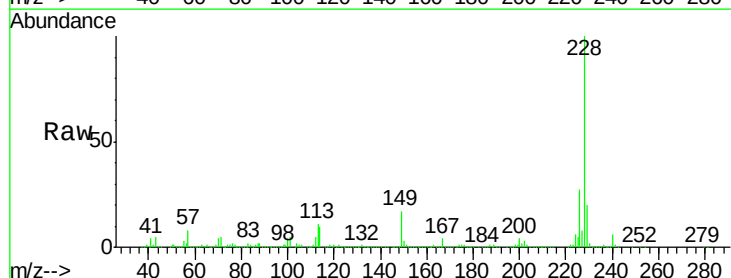
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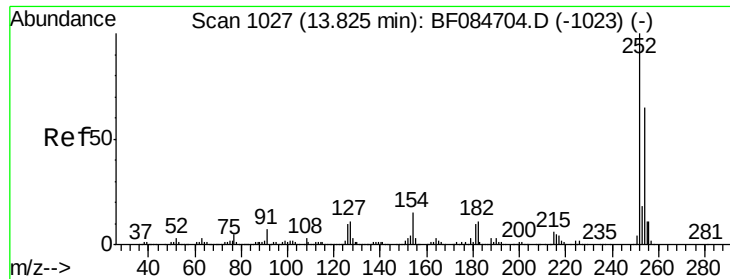
Sohil
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#80
Benzo(a)anthracene
Concen: 41.21 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	20.4	15.8	23.8





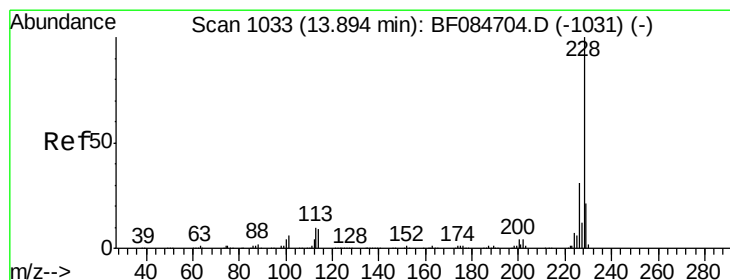
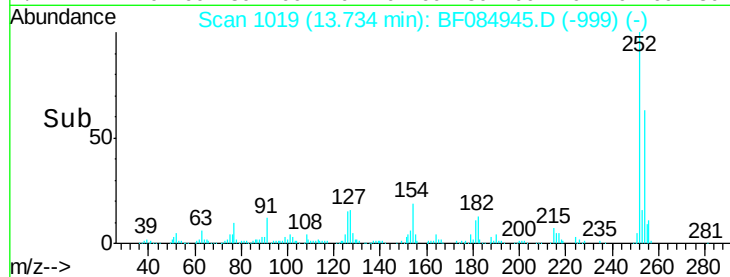
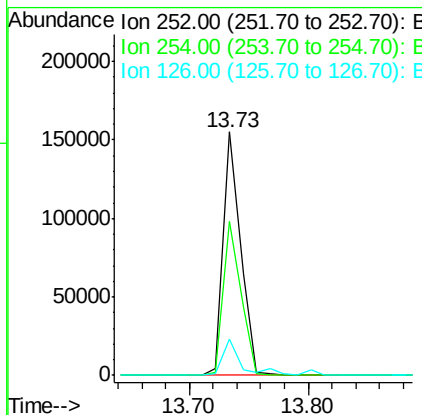
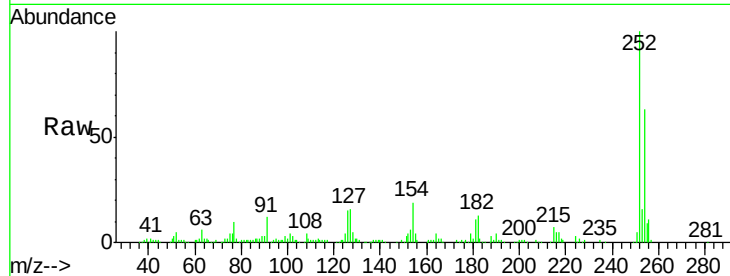
#81
 3,3'-Dichlorobenzidine
 Concen: 17.02 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88243BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.5	53.5	80.3
126	14.7	4.9	7.3

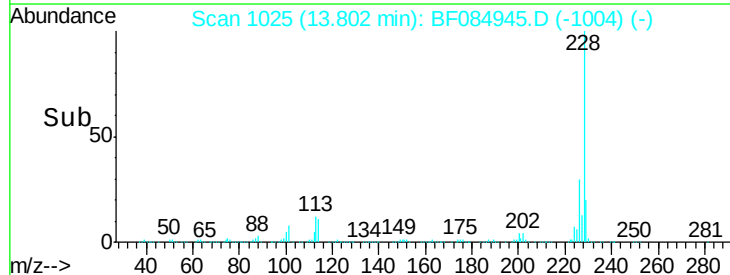
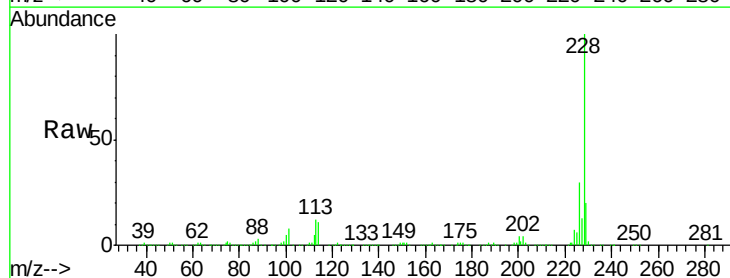
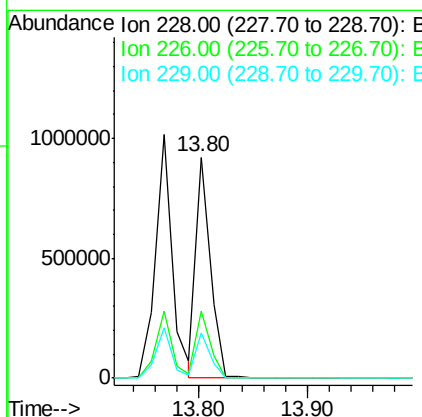
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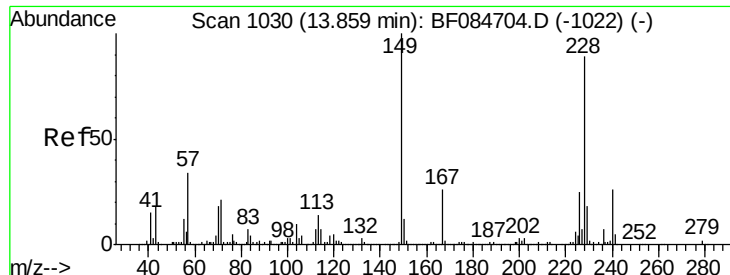
Sohil
 2/10/2016 1:44:49 PM



#82
 Chrysene
 Concen: 34.10 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.5	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.49 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

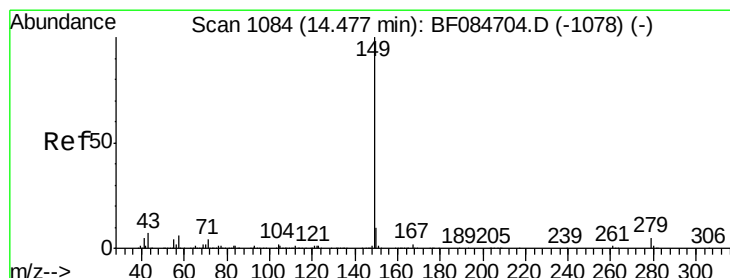
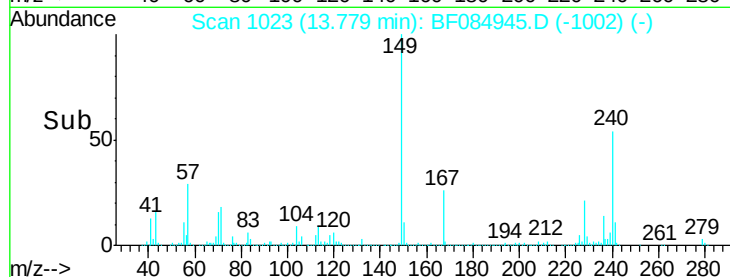
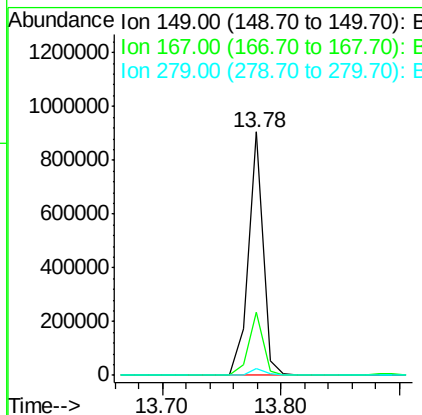
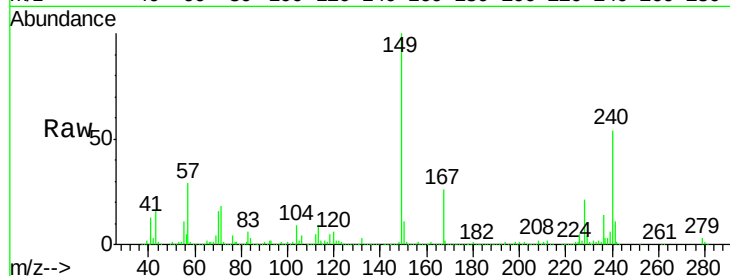
ClientSampleId :

PB88243BS

Tot Ion:	149	Resp:	785113
Ion Ratio	Lower	Upper	
149	100		
167	26.0	19.7	29.5
279	2.8	1.8	2.6#

Manual Integrations
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2/10/2016 1:44:49 PM



#84

Di-n-octyl phthalate

Concen: 39.88 ng

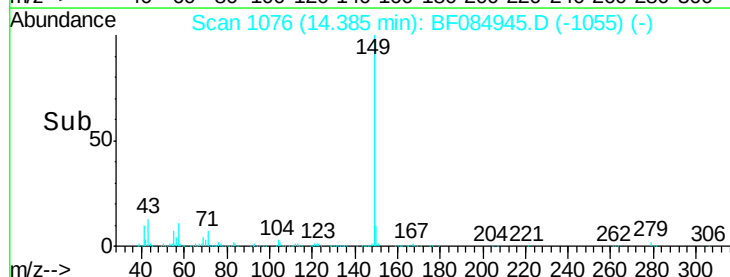
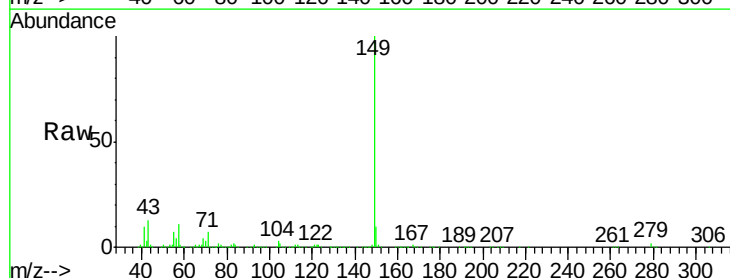
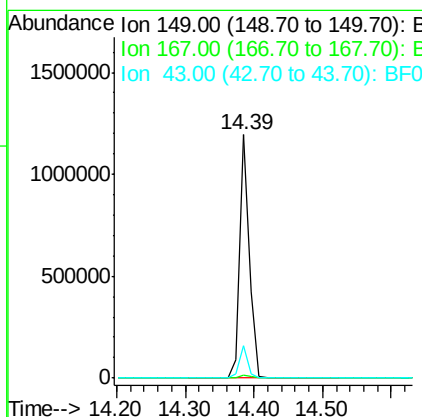
RT: 14.39 min Scan# 1076

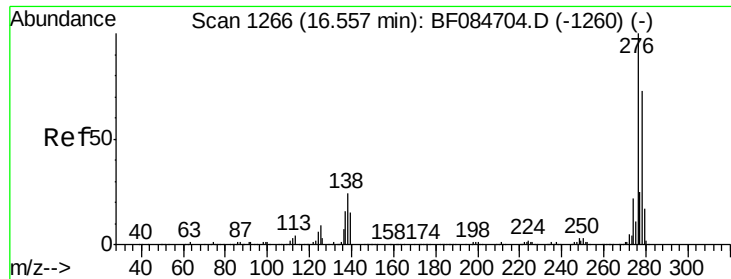
Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	149	Resp:	1187569
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.7	5.6	8.4#





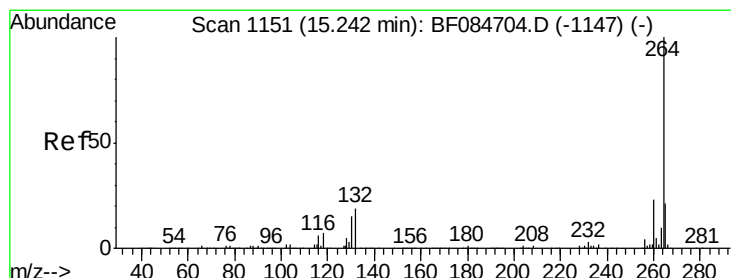
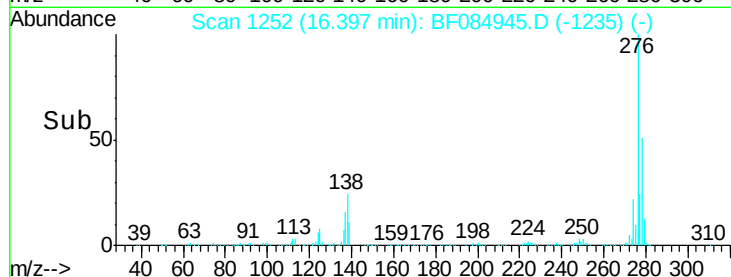
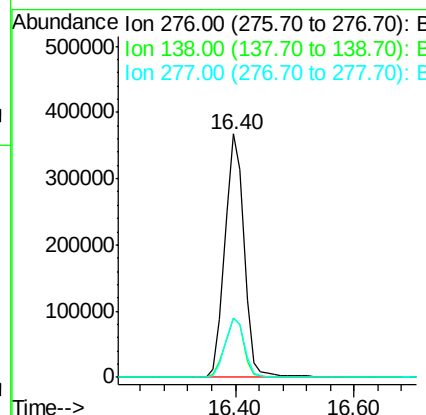
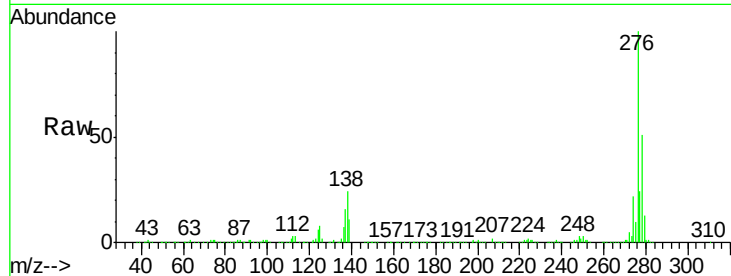
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.73 ng
 RT: 16.40 min Scan# 1252
 Delta R.T. -0.10 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Instrument :
 BNA_F
 ClientSampled :
 PB88243BS

Tot Ion:	276	Resp:	825549
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.6	30.8
277	24.6	20.1	30.1

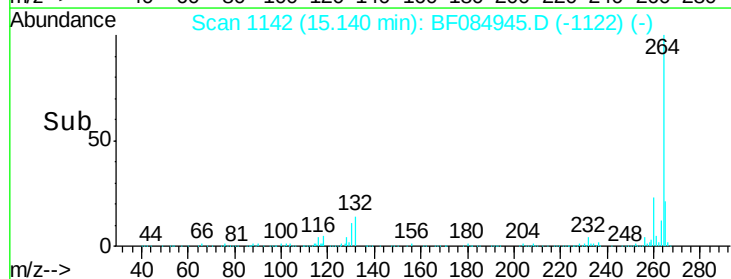
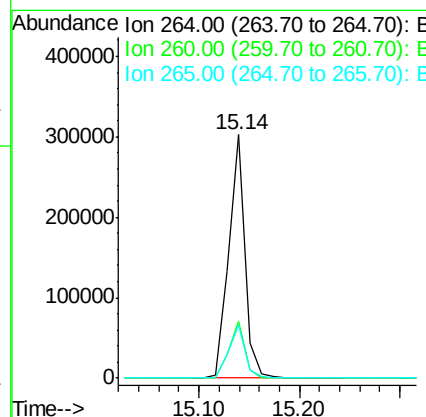
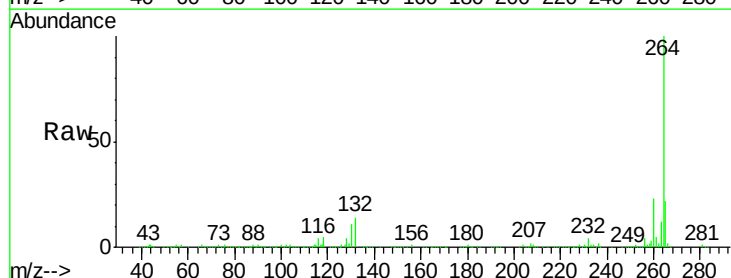
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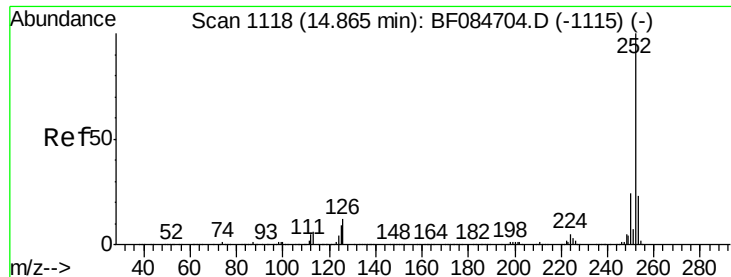
Sohil
 2/10/2016 1:44:49 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1142
 Delta R.T. -0.07 min
 Lab File: BF084945.D
 Acq: 9 Feb 2016 12:02

Tgt Ion:	264	Resp:	339300
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	21.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 42.86 ng m

RT: 14.77 min Scan# 1110

Delta R.T. -0.06 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Instrument :

BNA_F

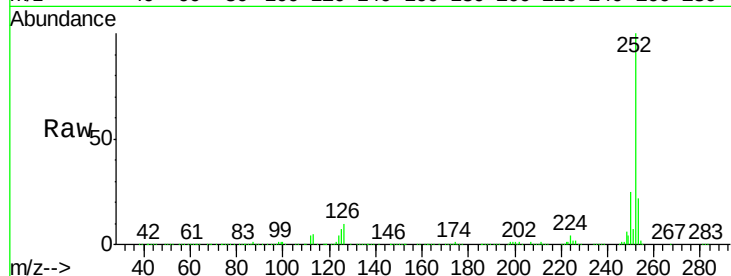
ClientSampleId :

PB88243BS

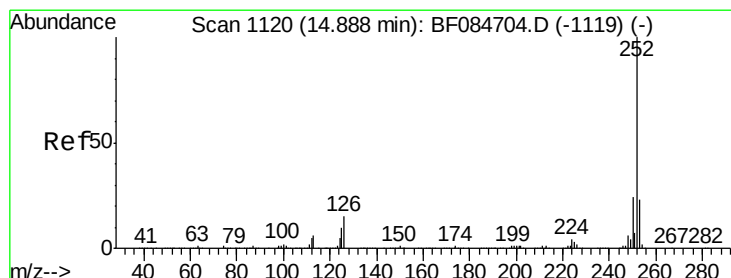
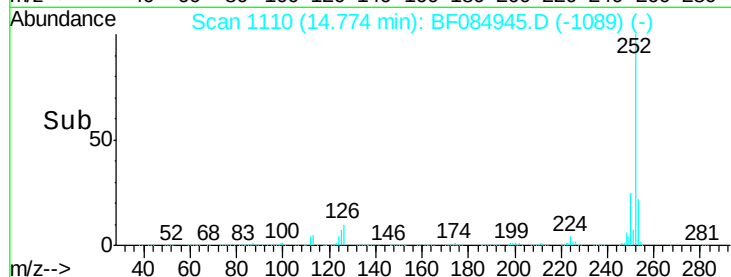
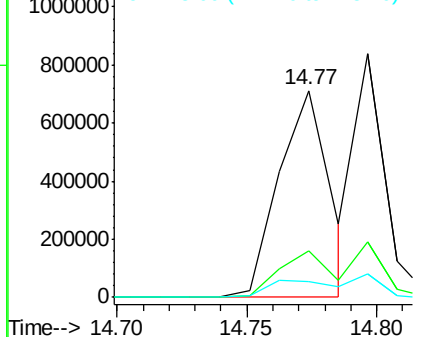
Tot Ion:	252	Resp:	977114
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	7.5	6.5	9.7

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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



#88

Benzo(k)fluoranthene

Concen: 36.60 ng m

RT: 14.80 min Scan# 1112

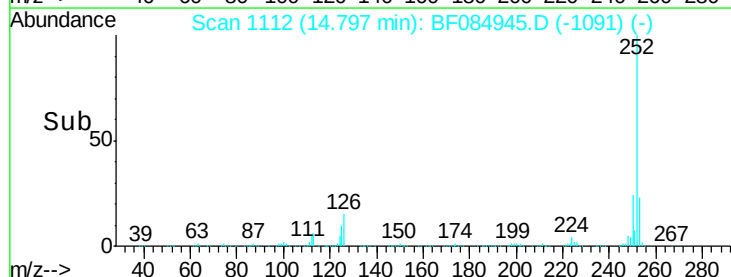
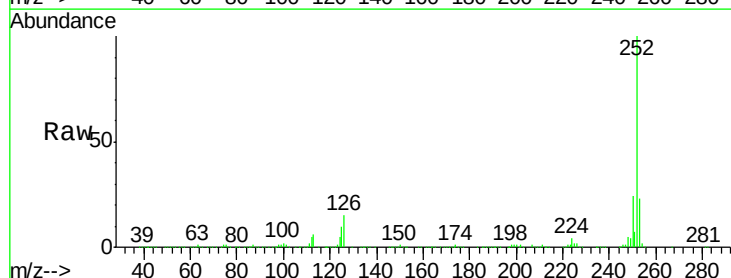
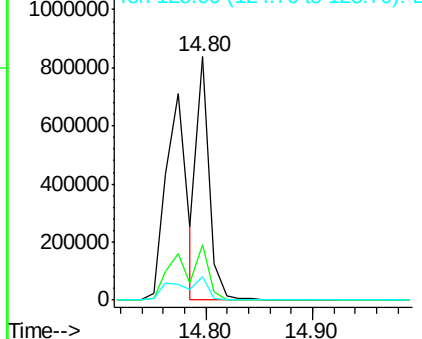
Delta R.T. -0.06 min

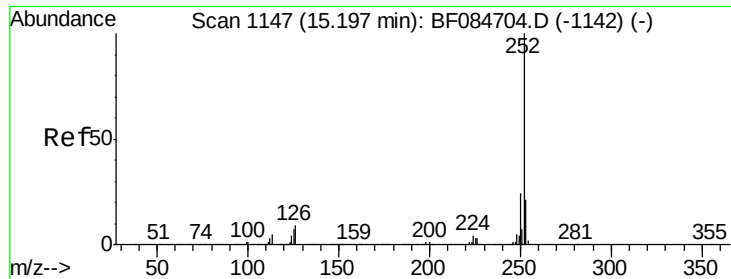
Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tgt Ion:	252	Resp:	689908
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	9.6	9.0	13.6

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





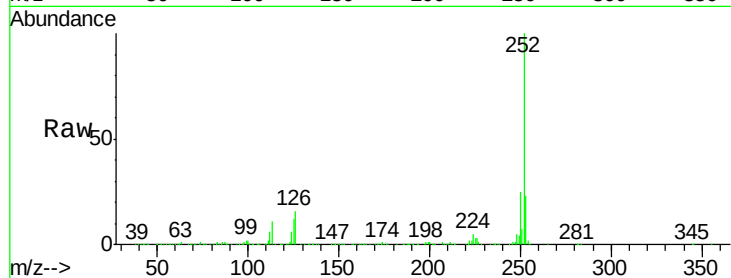
#89
Benzo(a)pyrene
Concen: 40.11 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Instrument :
BNA_F
ClientSampleId :
PB88243BS

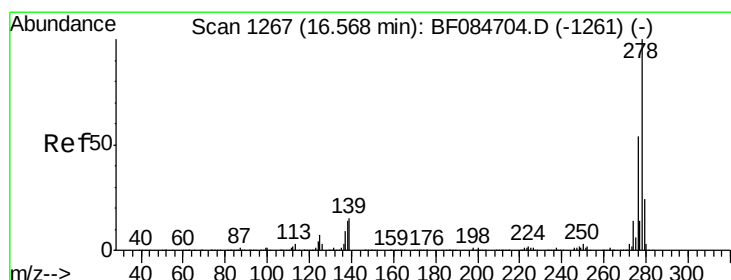
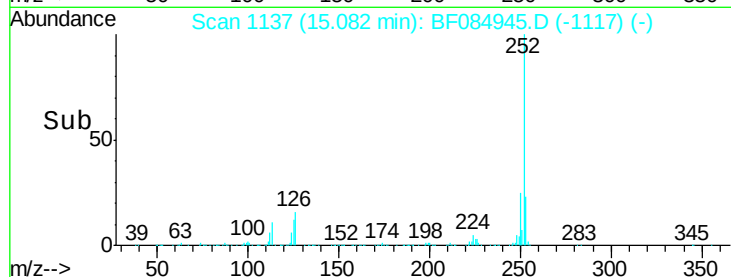
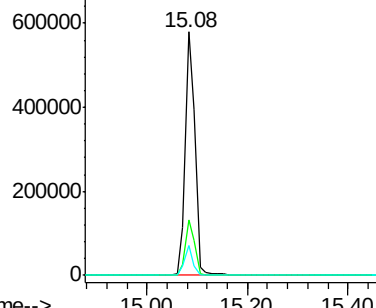
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.5	7.0	10.4

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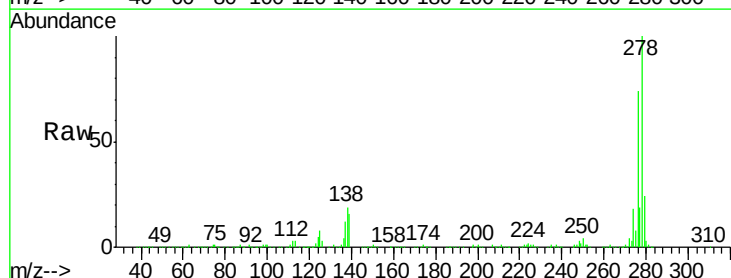


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

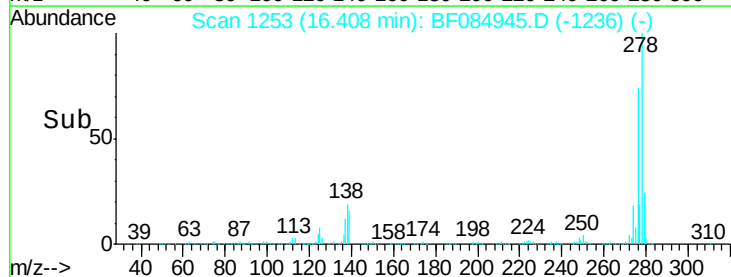
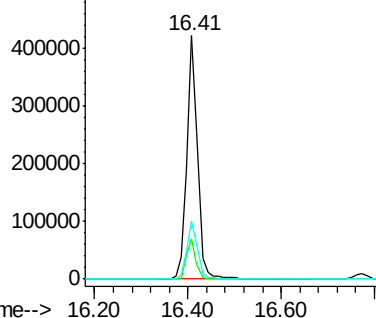


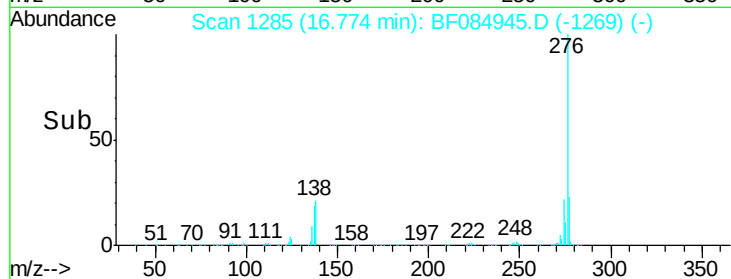
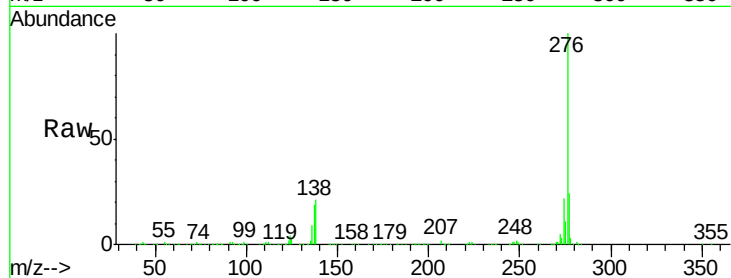
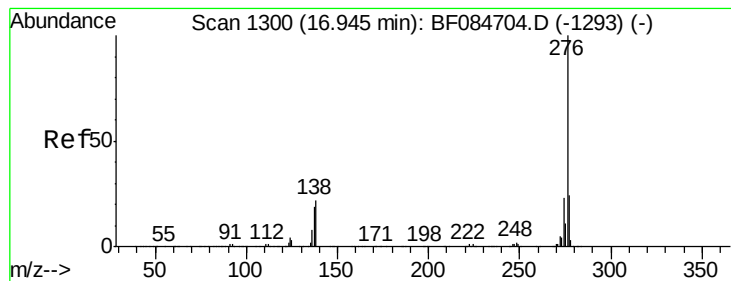
#90
Dibenzo(a,h)anthracene
Concen: 41.56 ng
RT: 16.41 min Scan# 1253
Delta R.T. -0.10 min
Lab File: BF084945.D
Acq: 9 Feb 2016 12:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.0	22.4
279	23.8	18.9	28.3



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: 42.43 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084945.D

Acq: 9 Feb 2016 12:02

Tot Ion:	276	Resp:	698833
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.5	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

PB88243BS

Manual Integrations
APPROVED

Sohil
2/10/2016 1:44:49 PM

