

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086380.D
 Acq On : 23 Apr 2016 9:44
 Operator : UM/SJ
 Sample : H2640-29MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

Manual Integrations
 APPROVED

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 4/25/2016 12:35:50 PM

Quant Time: Apr 25 11:34:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	168276	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	701895	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	347841	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	657689	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	456485	20.00	ng	0.00
86) Perylene-d12	15.40	264	400683	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1238857	127.14	ng	0.02
7) Phenol-d6	6.48	99	1644506	124.14	ng	0.00
23) Nitrobenzene-d5	7.41	82	1042931	88.02	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	375608	119.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1762049	86.44	ng	0.00
78) Terphenyl-d14	12.95	244	1524384	82.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	150108	27.86	ng	99
3) Pyridine	3.21	79	327185	25.48	ng	94
4) n-Nitrosodimethylamine	3.14	42	161378	33.13	ng	98
6) Aniline	6.51	93	302324	18.70	ng	93
8) 2-Chlorophenol	6.62	128	415337	34.91	ng	95
9) Benzaldehyde	6.38	77	85494	10.62	ng	94
10) Phenol	6.50	94	456246	29.17	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	434769	31.93	ng	100
12) 1,3-Dichlorobenzene	6.78	146	446198	35.17	ng	98
13) 1,4-Dichlorobenzene	6.86	146	472633	33.91	ng	97
14) 1,2-Dichlorobenzene	7.01	146	448205	35.40	ng	98
15) Benzyl Alcohol	6.99	79	320767	40.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	569877	31.92	ng	99
17) 2-Methylphenol	7.10	107	362487	37.19	ng	99
18) Hexachloroethane	7.36	117	162204	34.55	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	278419	35.17	ng	97
20) 3+4-Methylphenols	7.25	107	393369	38.07	ng	94
22) Acetophenone	7.25	105	564073	38.31	ng	96
24) Nitrobenzene	7.42	77	436530	34.35	ng	97
25) Isophorone	7.66	82	782683	33.71	ng	98
26) 2-Nitrophenol	7.74	139	242719	38.65	ng	98
27) 2,4-Dimethylphenol	7.79	122	406997	37.85	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	526327	40.60	ng	99
29) 2,4-Dichlorophenol	7.98	162	368938	41.51	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	372540	38.59	ng	93
31) Naphthalene	8.14	128	1284129	35.91	ng	99
33) 4-Chloroaniline	8.20	127	197419	14.17	ng	97
34) Hexachlorobutadiene	8.27	225	185369	38.45	ng	98
35) Caprolactam	8.56	113	100504m	31.51	ng	
36) 4-Chloro-3-methylphenol	8.68	107	376989	35.69	ng	97
37) 2-Methylnaphthalene	8.84	142	834956	40.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	305569	33.96	ng	99
40) Hexachlorocyclopentadiene	8.99	237	294198	66.93	ng	97
42) 2,4,6-Trichlorophenol	9.12	196	226374	38.36	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	260252	35.82	nq	97
45) 1,1'-Biphenyl	9.30	154	975356	36.14	nq	96
46) 2-Chloronaphthalene	9.33	162	768078	35.96	nq	96
47) 2-Nitroaniline	9.42	65	259551	39.02	nq	98
48) Acenaphthylene	9.74	152	1308458	37.78	nq	99
49) Dimethylphthalate	9.61	163	1102599	43.88	nq	100
50) 2,6-Dinitrotoluene	9.66	165	203358	37.46	nq	96
51) Acenaphthene	9.92	154	742826	34.91	nq	98
52) 3-Nitroaniline	9.84	138	192990	28.40	nq	95
53) 2,4-Dinitrophenol	9.95	184	8218	2.91	nq	# 1
54) Dibenzofuran	10.09	168	1118717	40.94	nq	98
55) 4-Nitrophenol	10.00	139	304038	63.94	nq	87
56) 2,4-Dinitrotoluene	10.06	165	266001	36.90	nq	94
57) Fluorene	10.43	166	815436	36.42	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	207985	39.17	nq	95
59) Diethylphthalate	10.30	149	885355	36.79	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	348789	35.62	nq	96
61) 4-Nitroaniline	10.45	138	250687	36.04	nq	99
62) Azobenzene	10.58	77	965265	38.69	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	58226	14.49	nq	93
65) n-Nitrosodiphenylamine	10.54	169	750571	37.01	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	235168	36.52	nq	90
67) Hexachlorobenzene	10.97	284	236748	34.46	nq	# 63
68) Atrazine	11.07	200	237836	37.98	nq	99
69) Pentachlorophenol	11.16	266	186389	46.19	nq	98
70) Phenanthrene	11.38	178	1194179	36.14	nq	99
71) Anthracene	11.44	178	1318129	34.81	nq	100
72) Carbazole	11.60	167	1321802	37.17	nq	99
73) Di-n-butylphthalate	11.93	149	1397255	37.35	nq	100
74) Fluoranthene	12.57	202	1249758	35.07	nq	97
76) Benzidine	12.69	184	460779	24.61	nq	97
77) Pyrene	12.80	202	1268152	39.83	nq	99
79) Butylbenzylphthalate	13.41	149	590299	39.80	nq	# 74
80) Benzo(a)anthracene	13.99	228	860360	36.31	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	145108	8.88	nq	# 97
82) Chrysene	14.02	228	1065272	39.90	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	677529	40.80	nq	# 99
84) Di-n-octyl phthalate	14.59	149	1257327	39.44	nq	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	863043	36.36	nq	99
87) Benzo(b)fluoranthene	15.00	252	793495m	36.08	nq	
88) Benzo(k)fluoranthene	15.03	252	897450m	41.57	nq	
89) Benzo(a)pyrene	15.35	252	811097	37.38	nq	# 96
90) Dibenzo(a,h)anthracene	16.80	278	710837	39.72	nq	99
91) Benzo(g,h,i)perylene	17.20	276	732214	39.63	nq	94

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

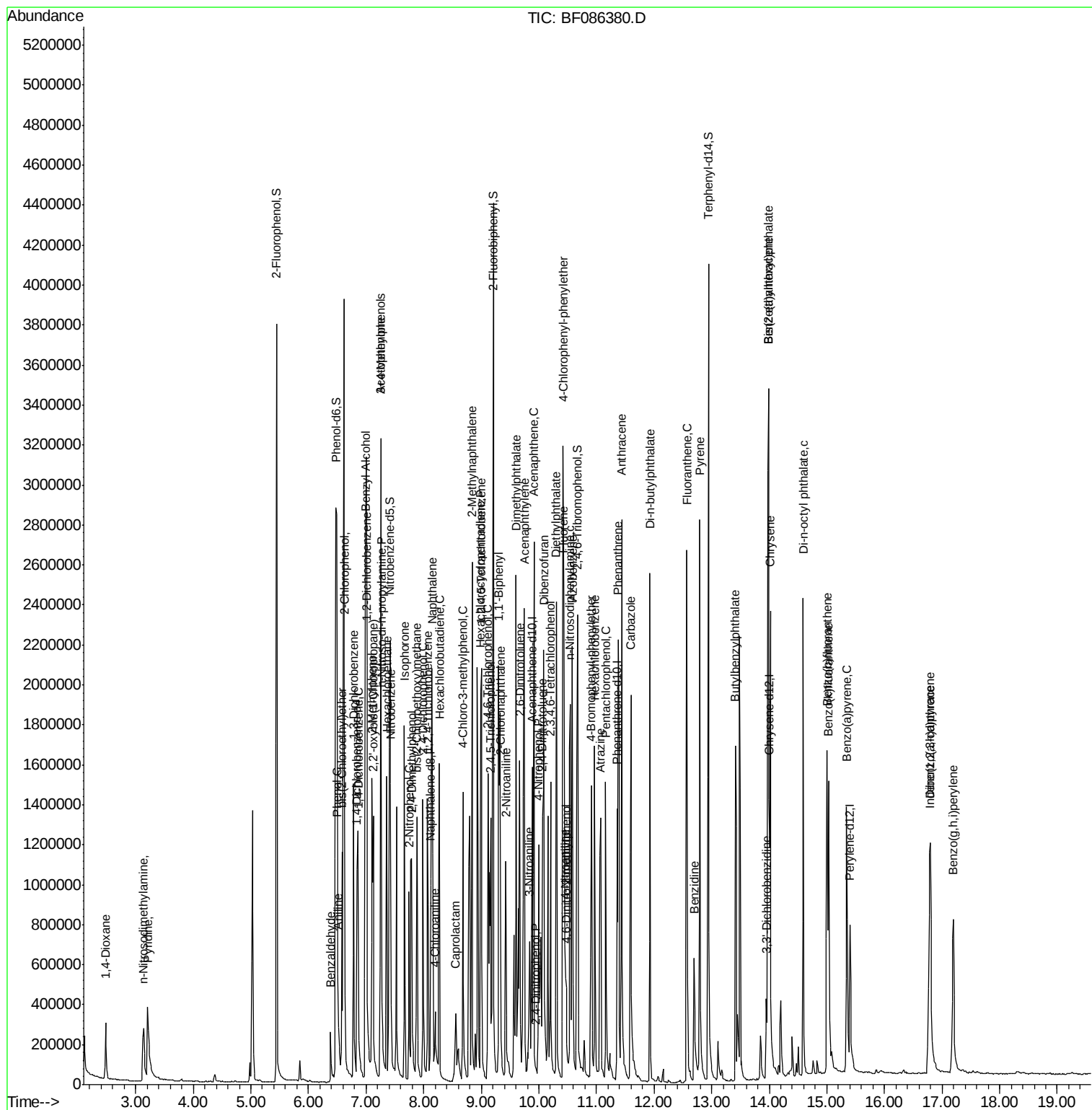
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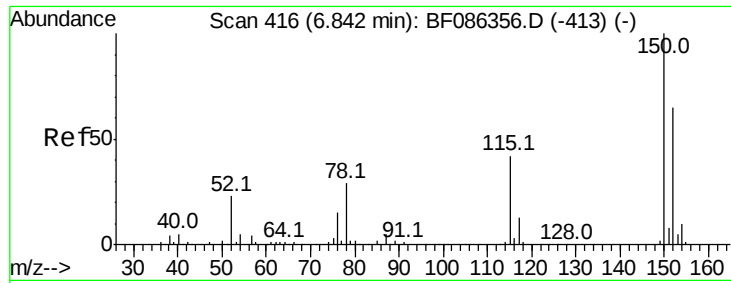
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

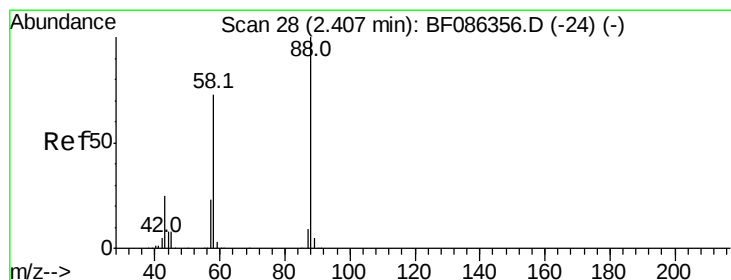
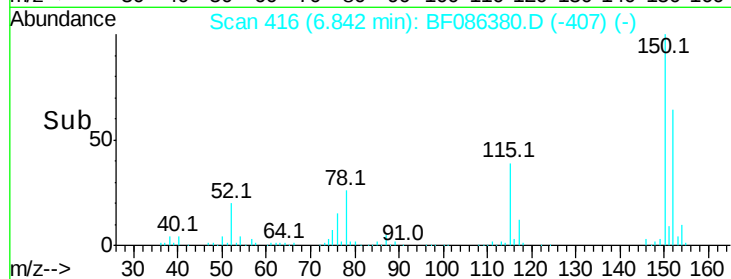
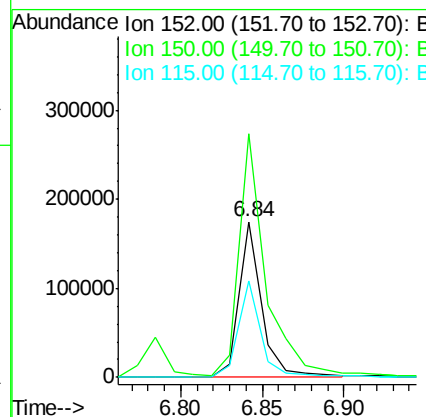
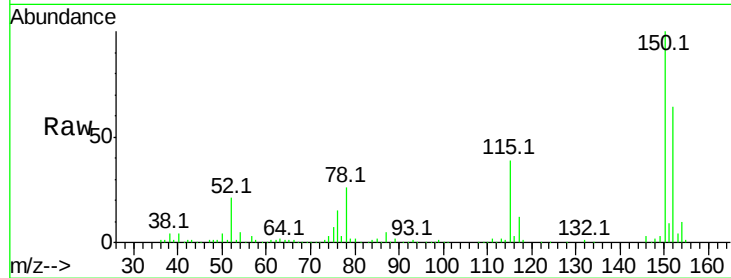
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:	152	Resp:	168276
Ion Ratio	Lower	Upper	
152	100		
150	156.6	125.8	188.6
115	61.6	51.5	77.3

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#2

1,4-Dioxane

Concen: 27.86 ng

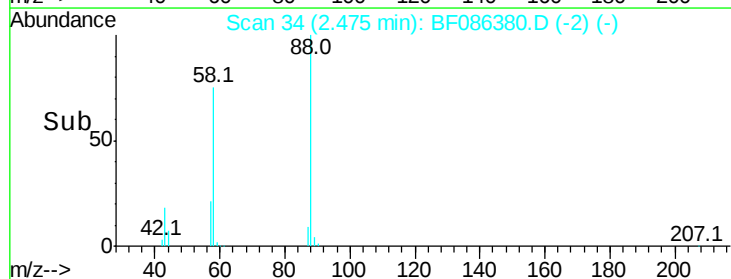
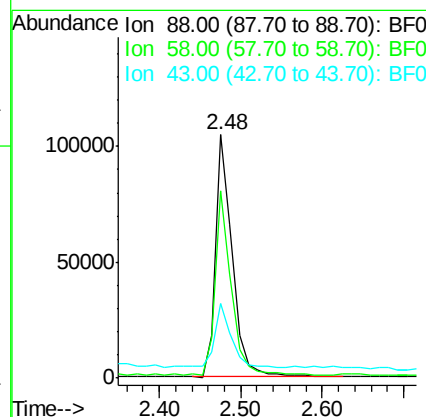
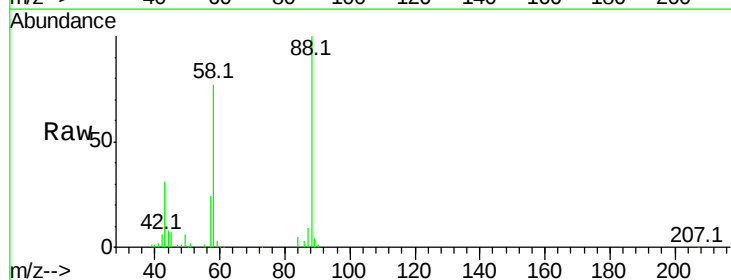
RT: 2.48 min Scan# 34

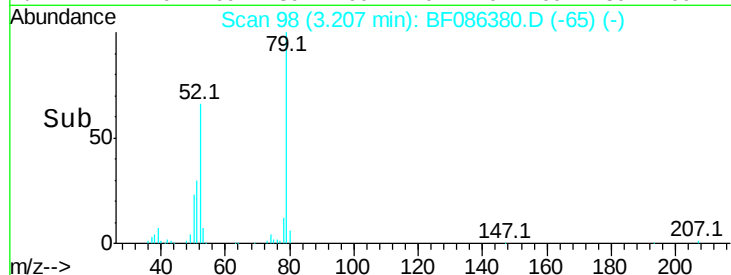
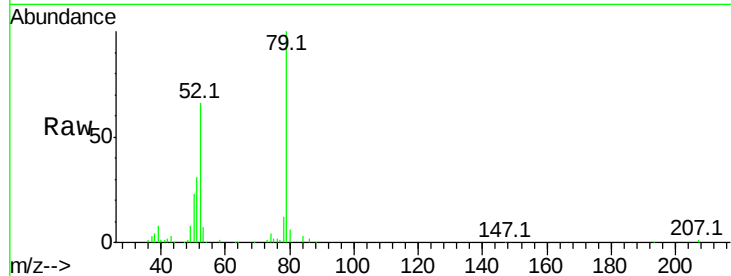
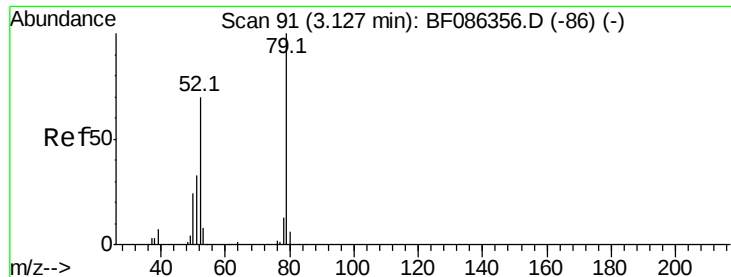
Delta R.T. 0.07 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	88	Resp:	150108
Ion Ratio	Lower	Upper	
88	100		
58	73.1	59.6	89.4
43	27.3	21.8	32.6





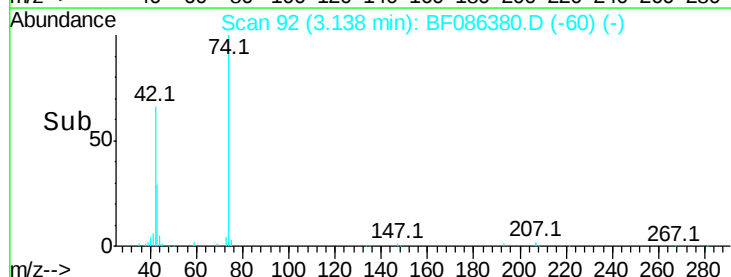
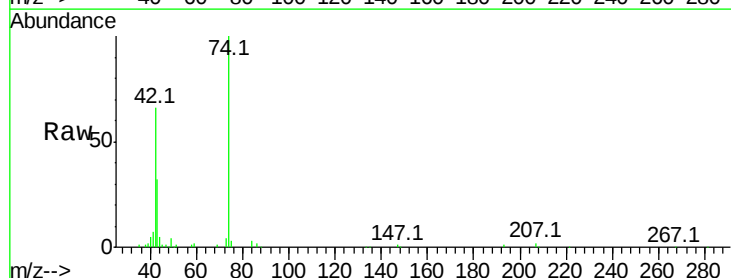
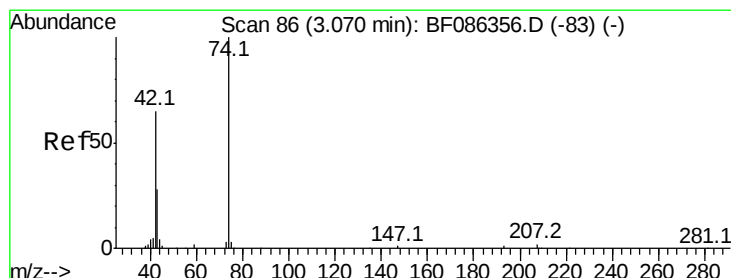
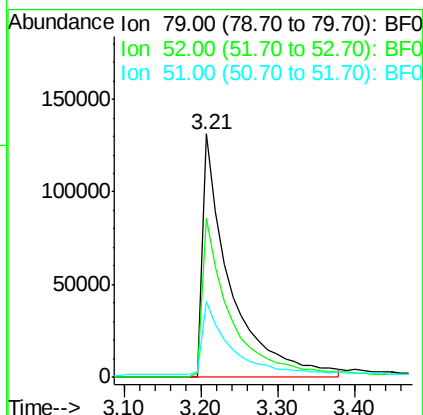
#3
Pvridine
Concen: 25.48 ng
RT: 3.21 min Scan# 98
Delta R.T. 0.08 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	65.6	55.9	83.9
51	31.2	28.1	42.1

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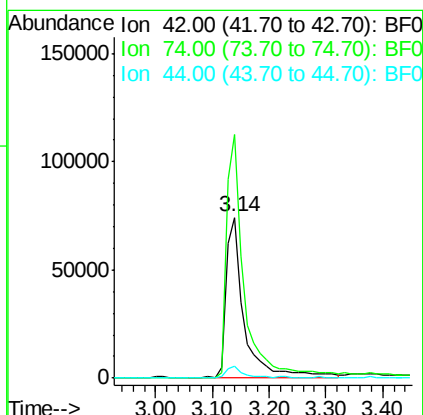
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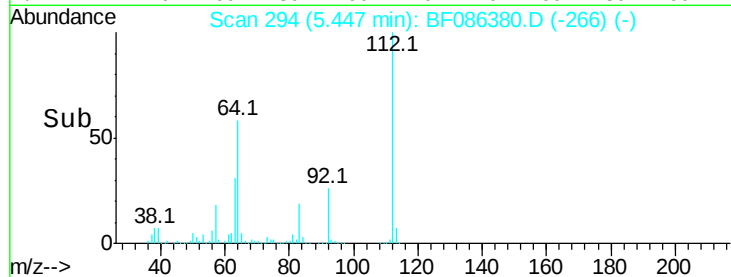
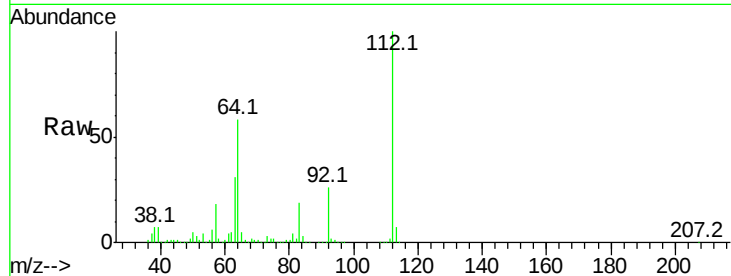
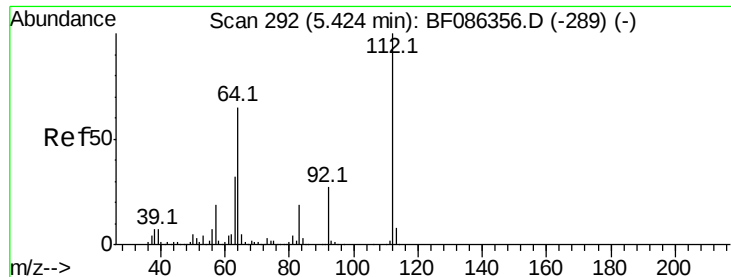
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#4
n-Nitrosodimethylamine
Concen: 33.13 ng
RT: 3.14 min Scan# 92
Delta R.T. 0.07 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	151.6	123.4	185.0
44	7.4	5.8	8.6





#5

2-Fluorophenol

Concen: 127.14 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086380.D

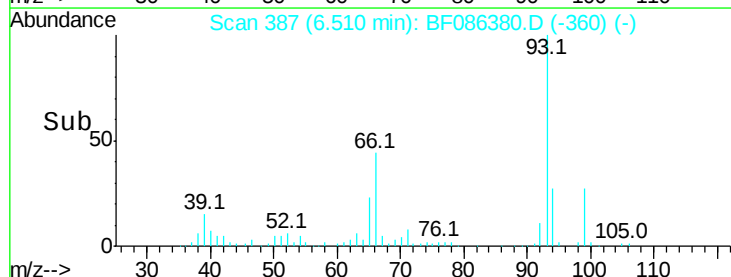
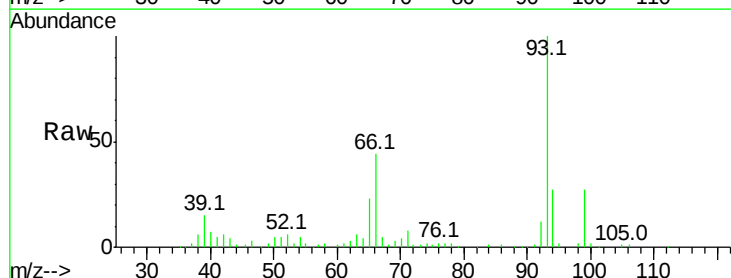
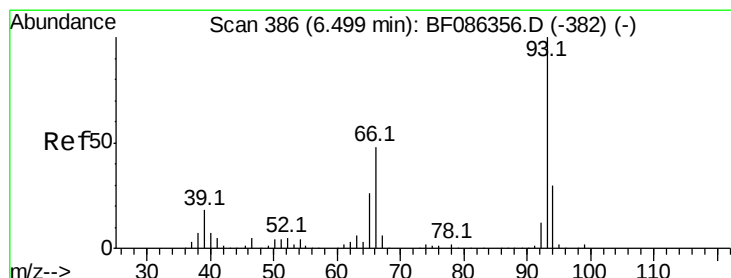
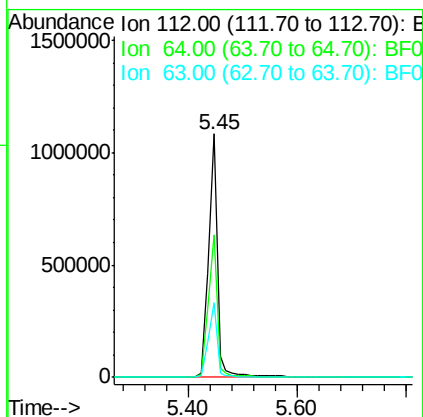
Acq: 23 Apr 2016 9:44

Tot Ion:	112	Resp:	1238857
Ion Ratio	Lower	Upper	
112	100		
64	58.4	52.1	78.1
63	30.7	25.7	38.5

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#6

Aniline

Concen: 18.70 ng

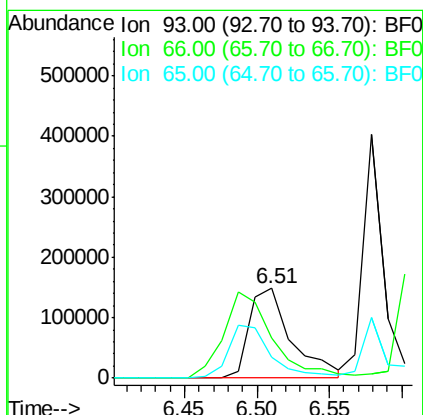
RT: 6.51 min Scan# 387

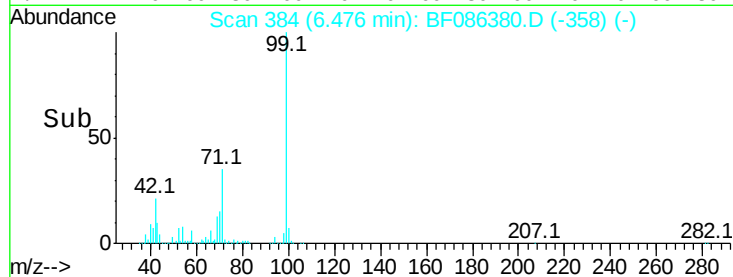
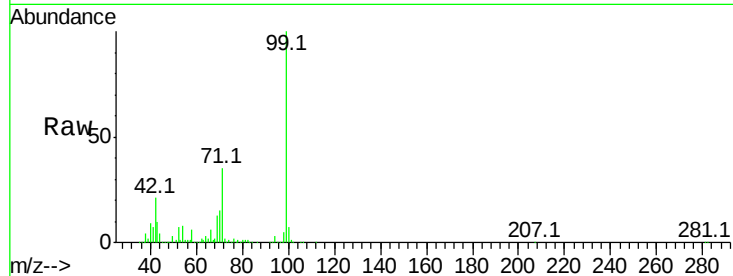
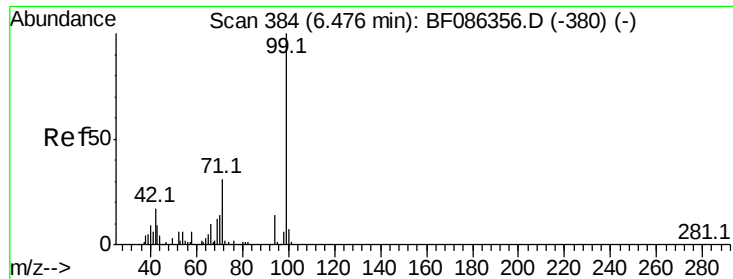
Delta R.T. 0.01 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	93	Resp:	302324
Ion Ratio	Lower	Upper	
93	100		
66	44.1	39.0	58.6
65	22.8	20.6	31.0





#7

Phenol-d6

Concen: 124.14 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tot Ion: 99 Resp: 1644506

Ion Ratio Lower Upper

99 100

42 20.6 13.6 20.4#

71 34.9 24.6 36.8

Instrument :

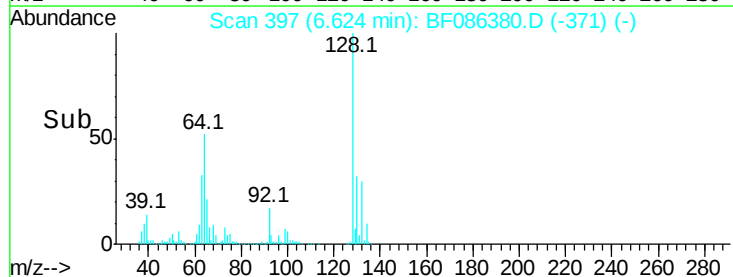
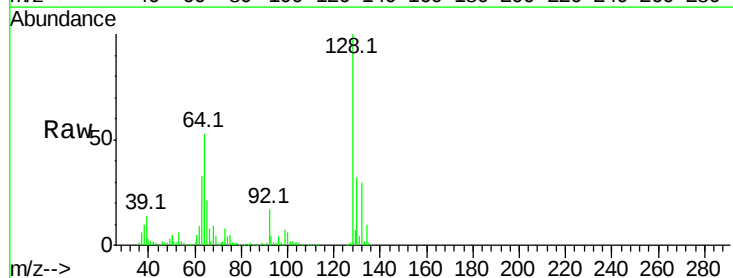
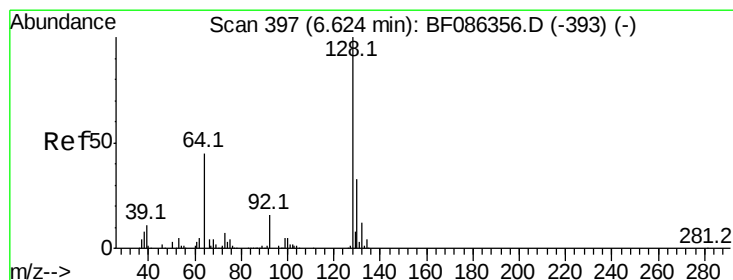
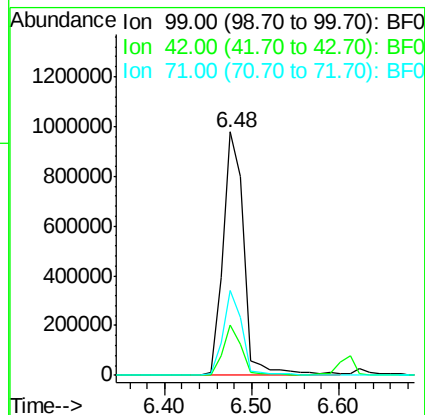
BNA_F

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#8

2-Chlorophenol

Concen: 34.91 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

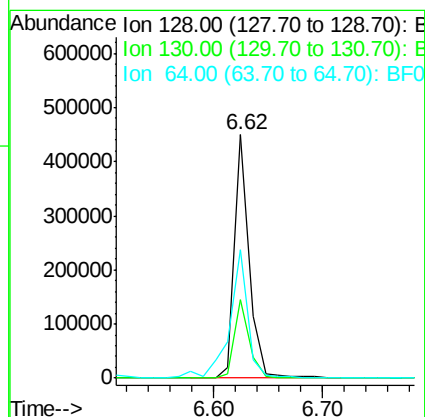
Tgt Ion:128 Resp: 415337

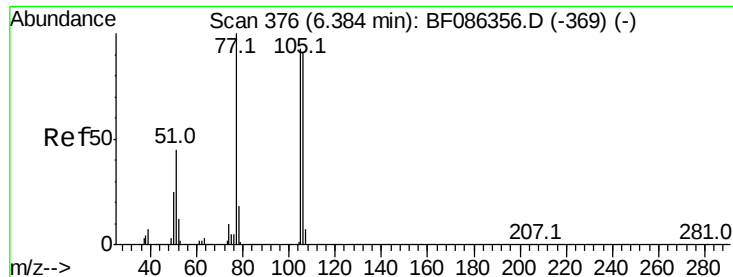
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 52.6 27.3 67.3





#9

Benzaldehyde

Concen: 10.62 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

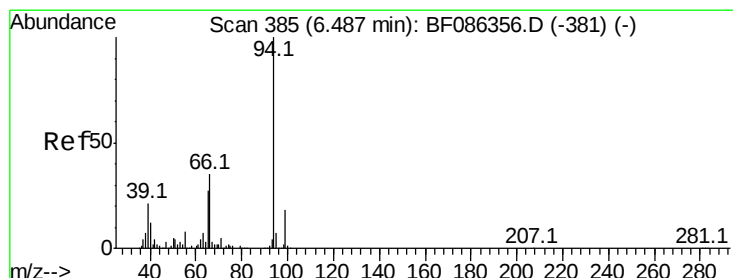
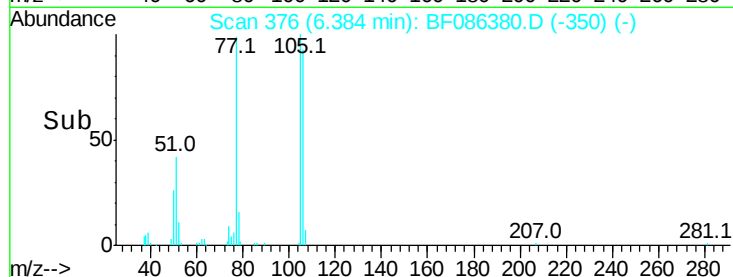
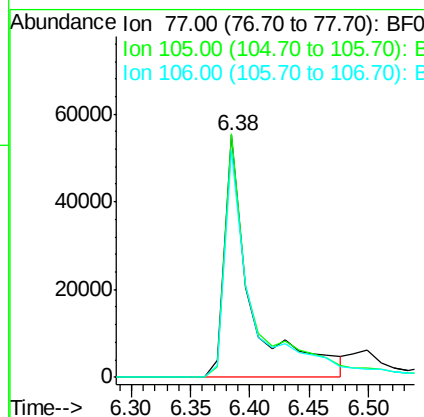
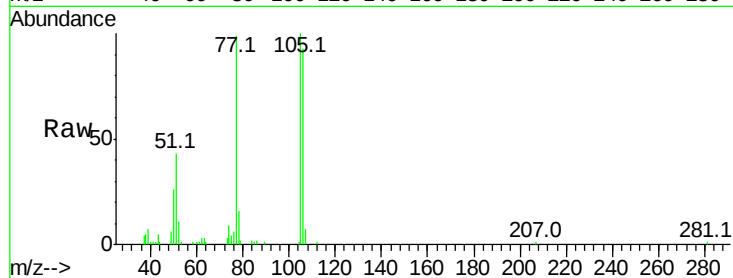
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Tot Ion:	77	Resp:	85494
Ion Ratio	Lower	Upper	
77	100		
105	100.7	72.7	112.7
106	94.1	70.8	110.8



#10

Phenol

Concen: 29.17 ng

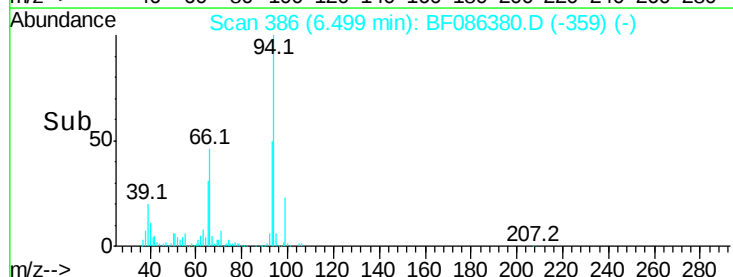
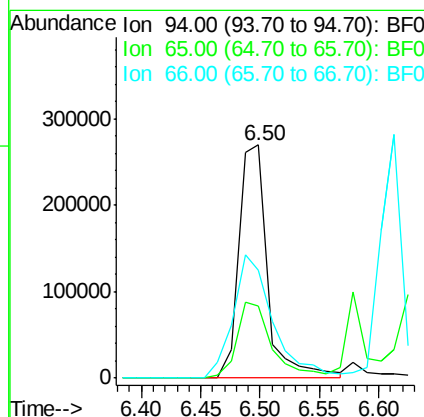
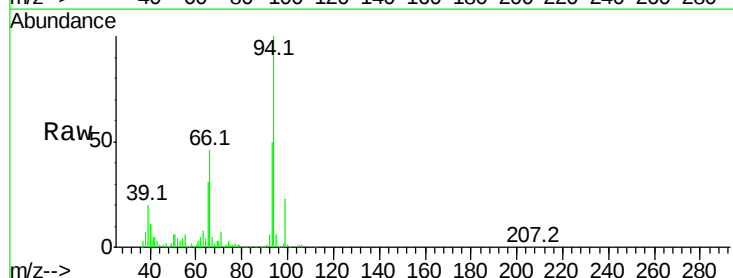
RT: 6.50 min Scan# 386

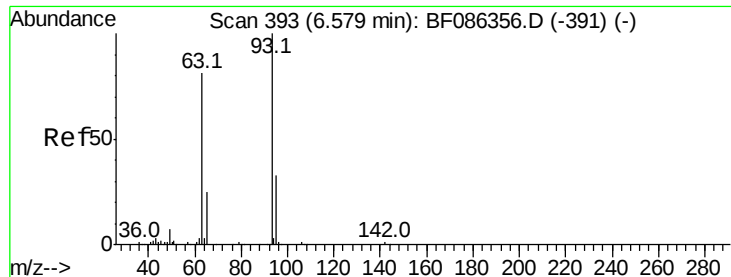
Delta R.T. 0.01 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	94	Resp:	456246
Ion Ratio	Lower	Upper	
94	100		
65	30.9	7.2	47.2
66	46.4	14.9	54.9





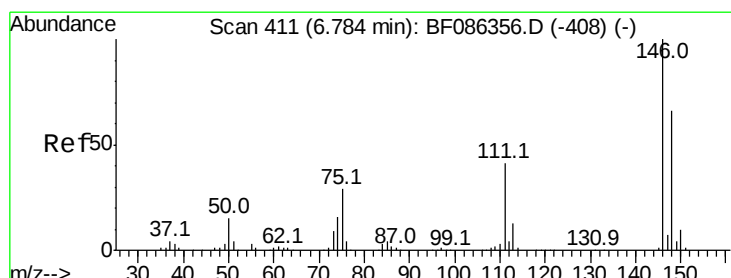
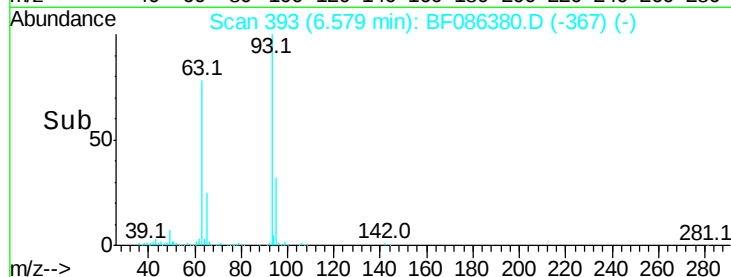
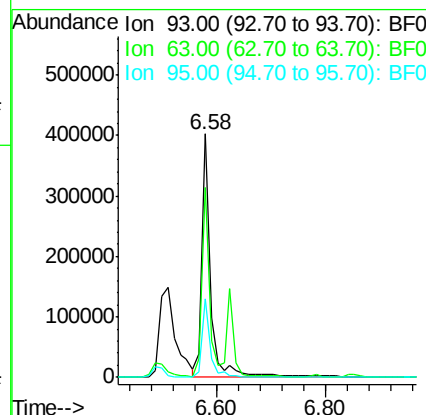
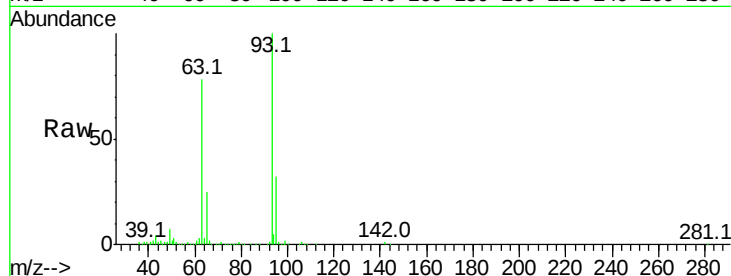
#11
bis(2-Chloroethyl)ether
Concen: 31.93 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.1	58.0	98.0	
95	32.1	11.9	51.9	

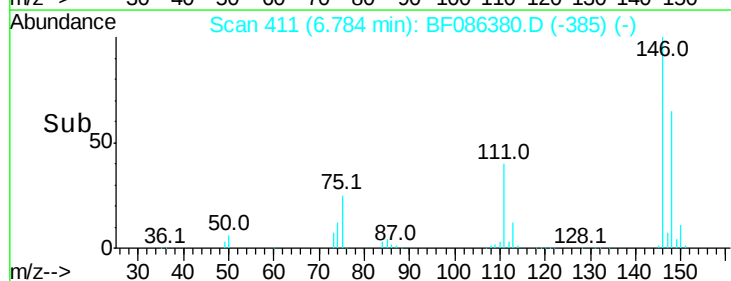
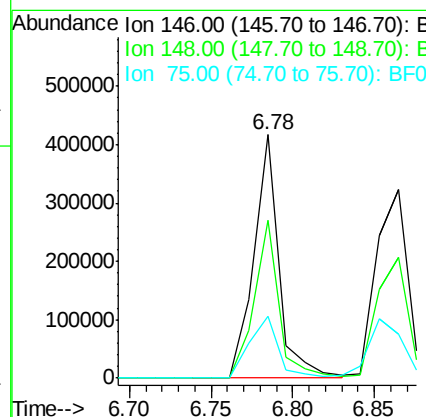
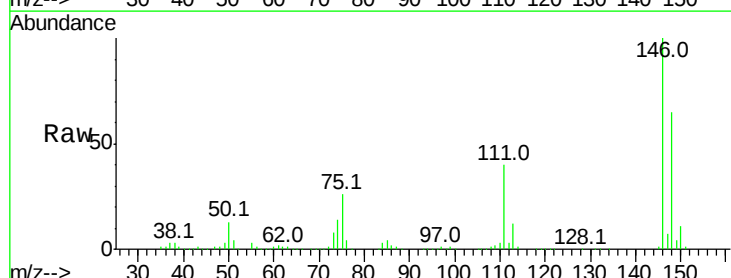
Manual Integrations
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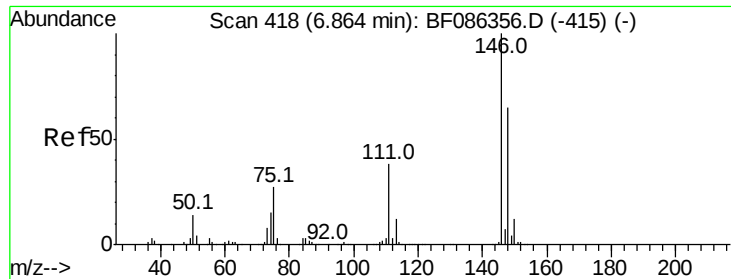
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#12
1,3-Dichlorobenzene
Concen: 35.17 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.8	52.4	78.6	
75	25.5	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 33.91 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

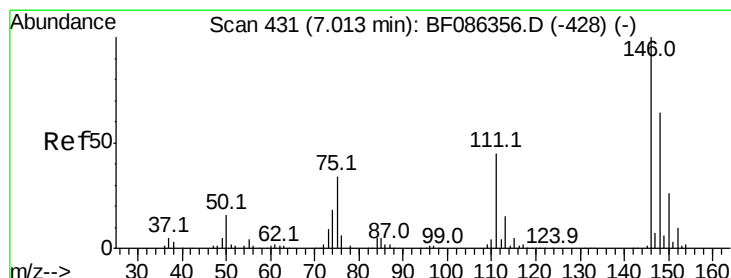
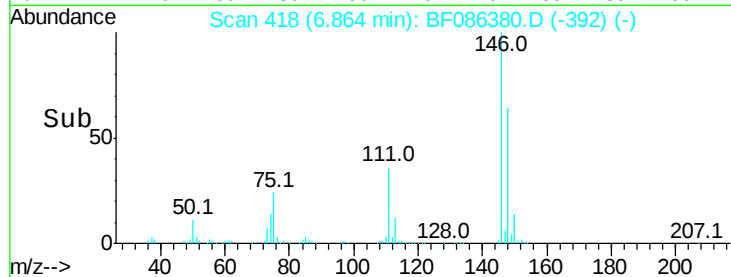
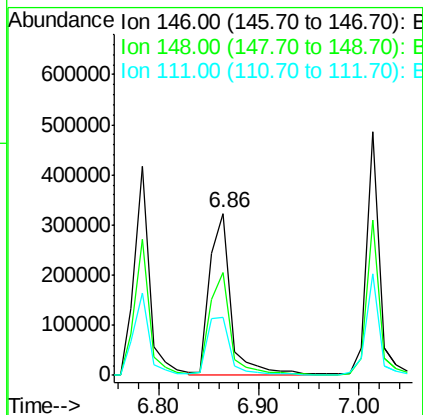
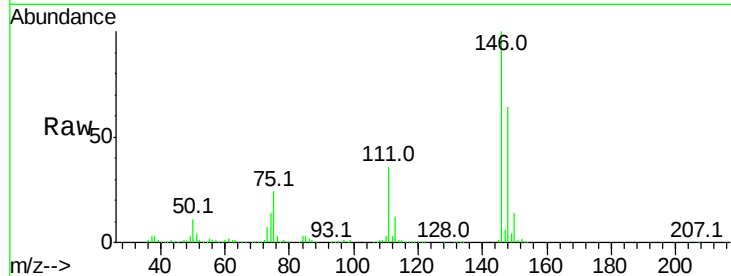
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
111	35.9	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 35.40 ng

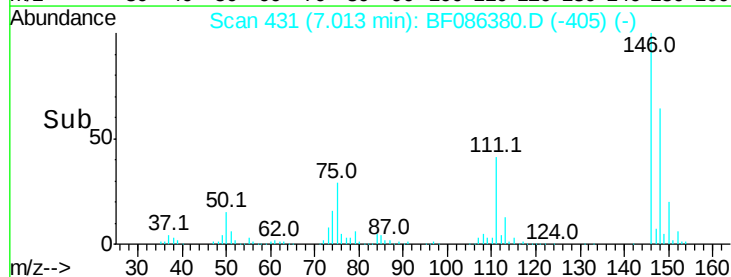
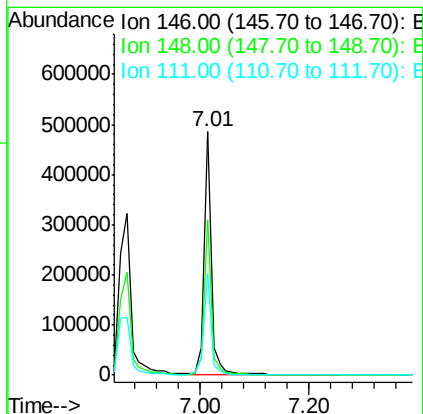
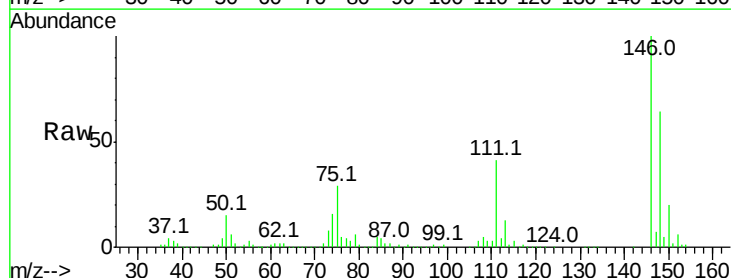
RT: 7.01 min Scan# 431

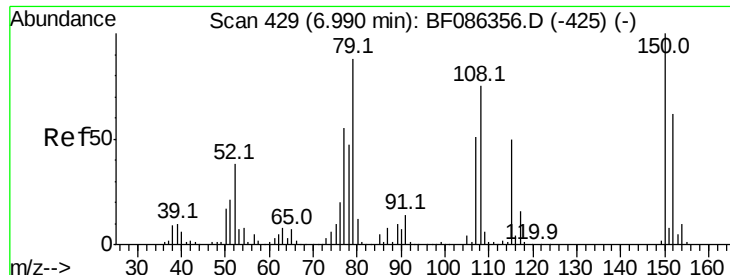
Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	41.5	36.2	54.4





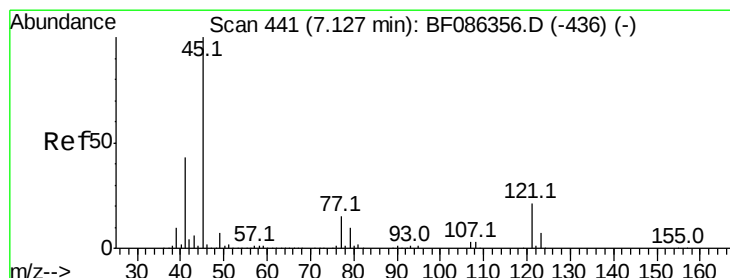
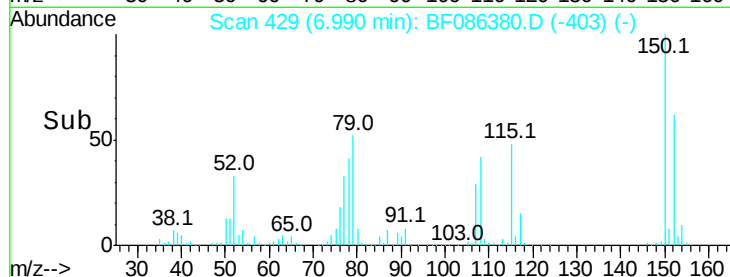
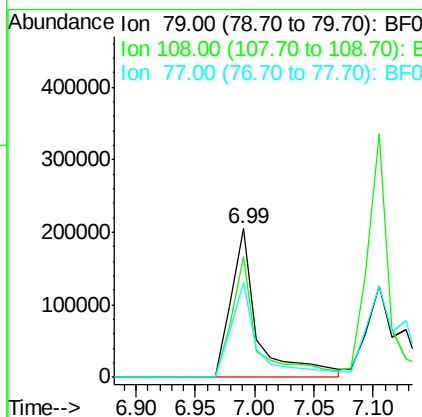
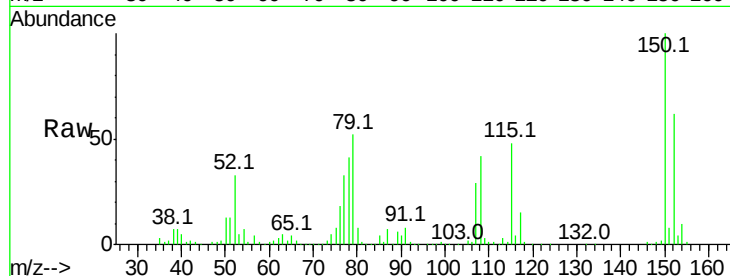
#15
Benzyl Alcohol
Concen: 40.80 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.3	68.4	102.6
77	64.0	50.6	76.0

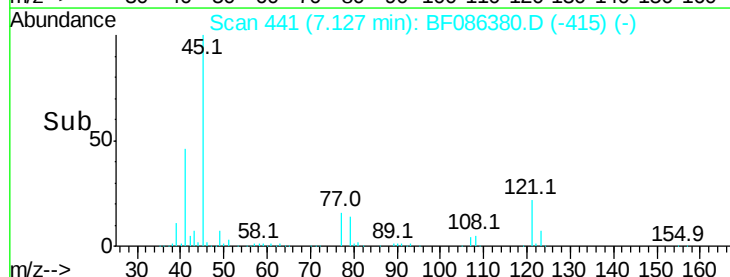
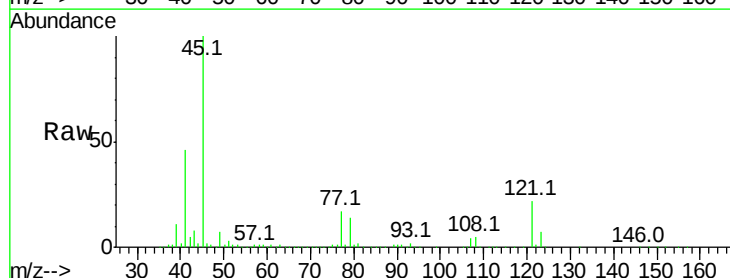
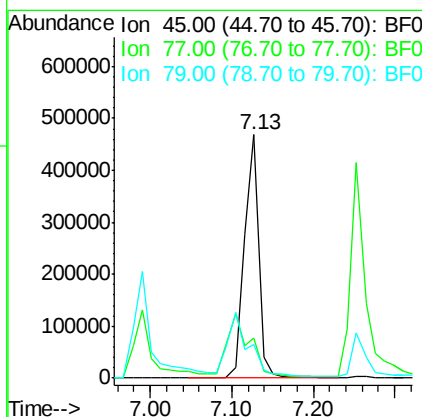
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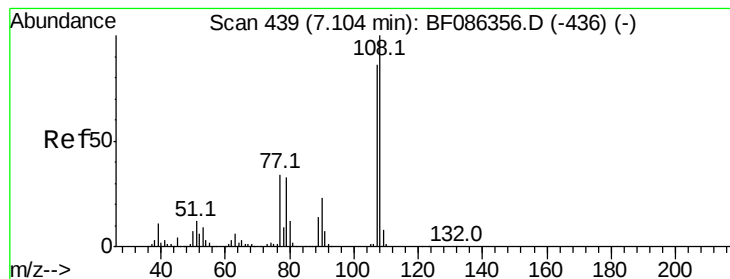
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.92 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.4
79	13.9	0.0	33.4





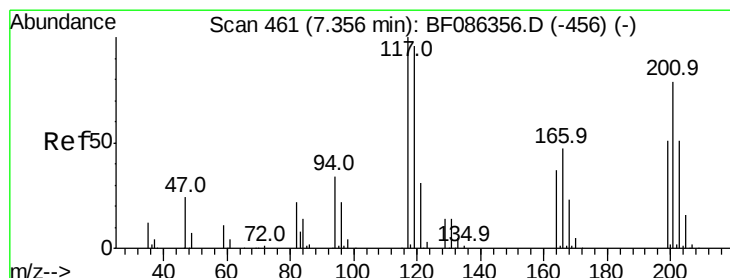
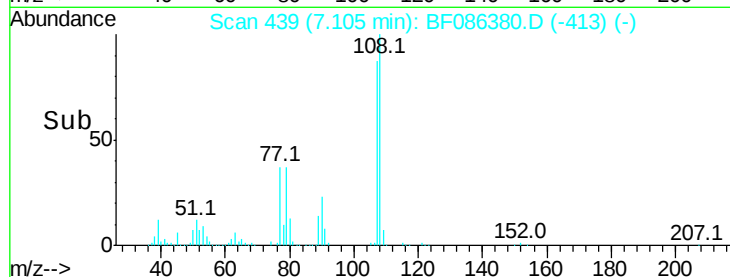
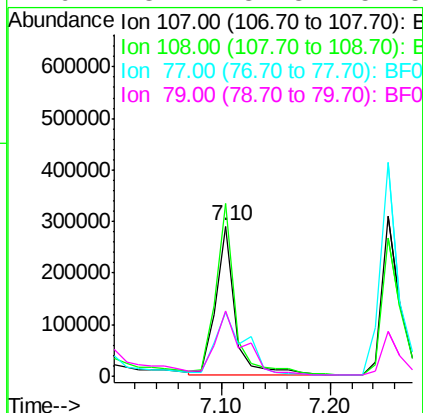
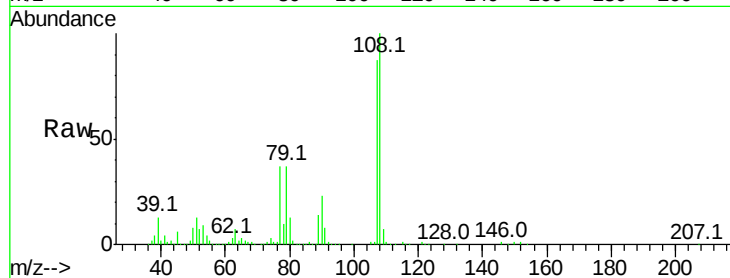
#17
2-Methylphenol
Concen: 37.19 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	362487		
108	115.3	93.7	140.5	
77	43.0	33.4	50.0	
79	43.1	34.3	51.5	

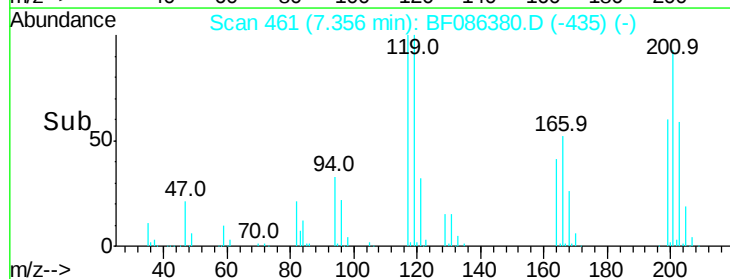
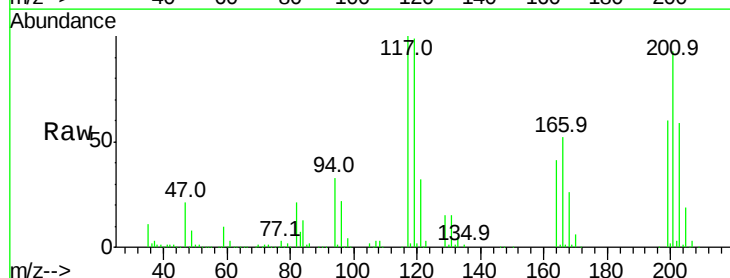
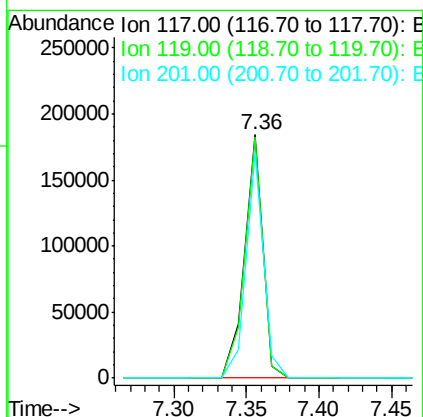
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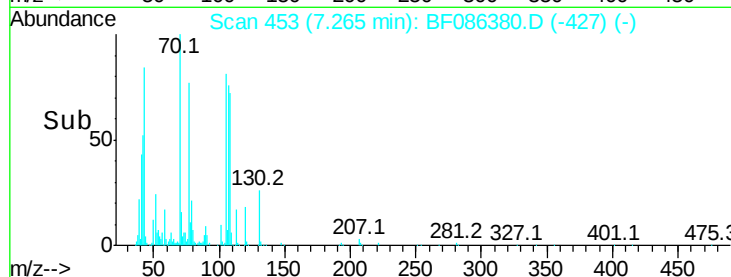
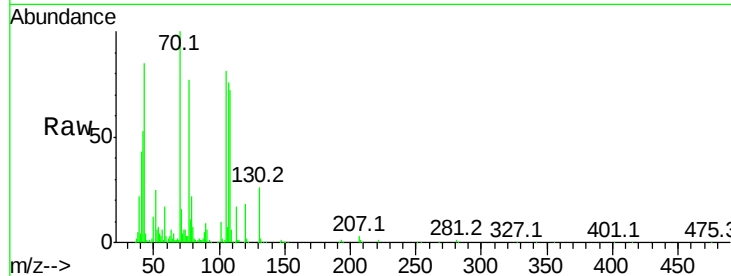
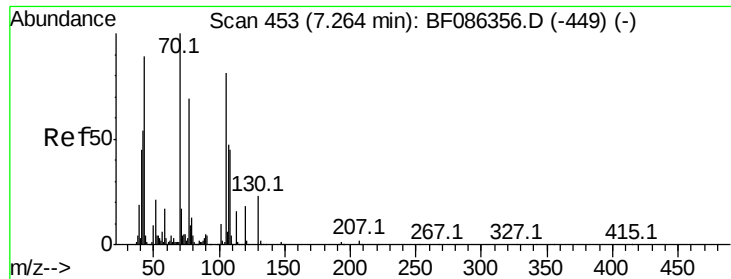
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#18
Hexachloroethane
Concen: 34.55 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	162204		
119	99.1	76.5	114.7	
201	93.0	63.0	94.6	





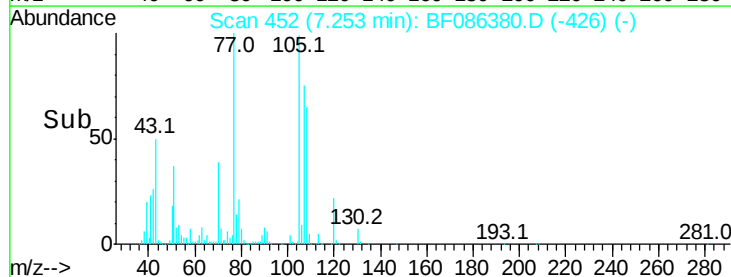
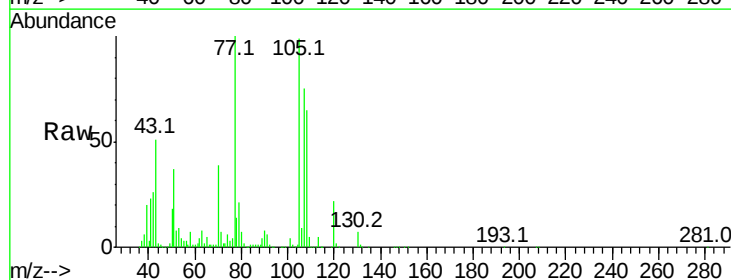
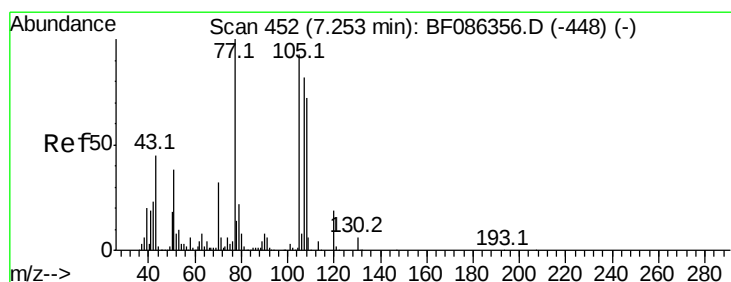
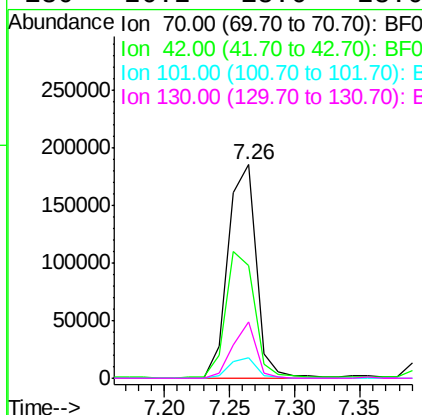
#19
n-Nitroso-di-n-propylamine
Concen: 35.17 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Manual Integrations
APPROVED

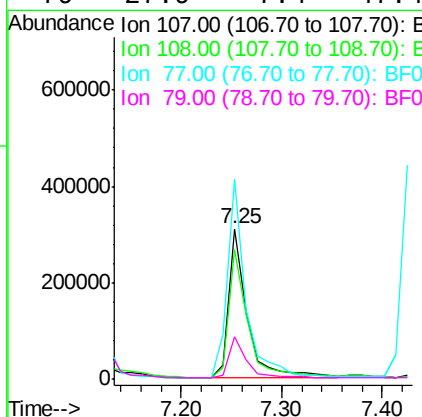
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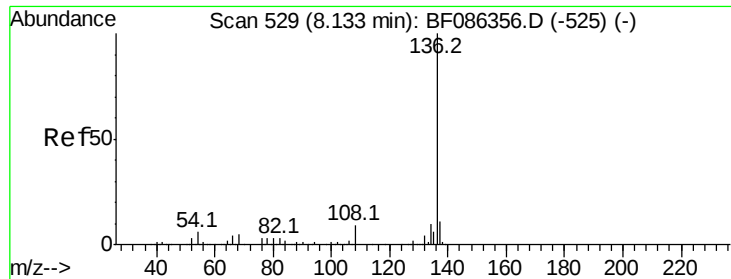
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.6	43.1	64.7		
101	9.8	8.1	12.1		
130	26.2	18.6	28.0		



#20
3+4-Methylphenols
Concen: 38.07 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.2	68.5	108.5		
77	133.1	101.6	141.6		
79	27.9	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

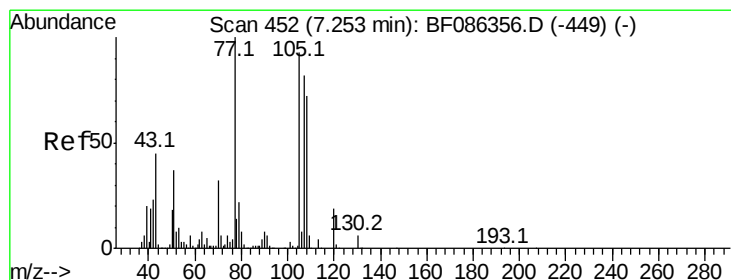
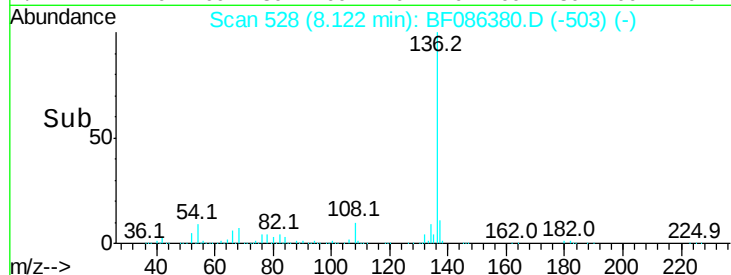
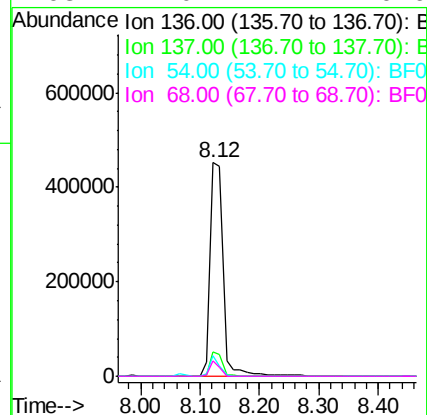
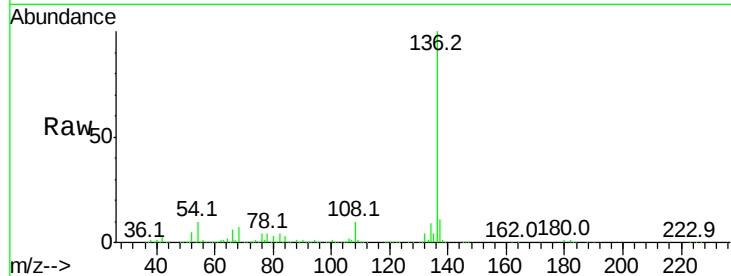
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	701895		
137	11.2	8.8	13.2	
54	9.5	5.0	7.4	
68	7.0	4.4	6.6	

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#22

Acetophenone

Concen: 38.31 ng

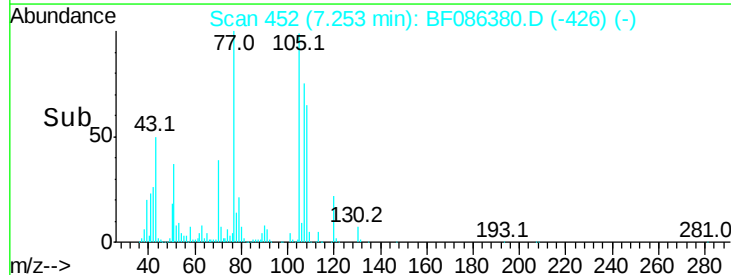
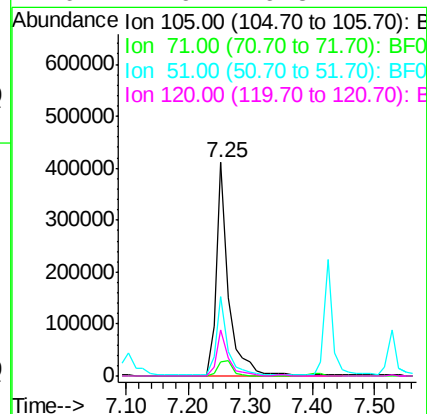
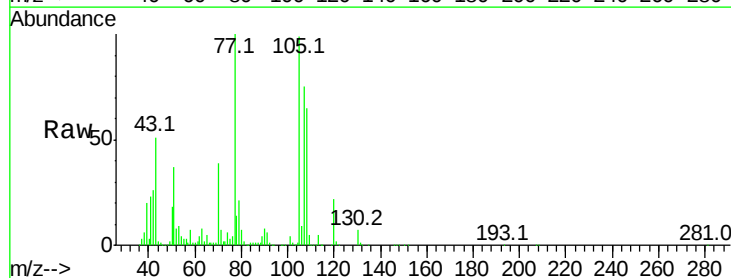
RT: 7.25 min Scan# 452

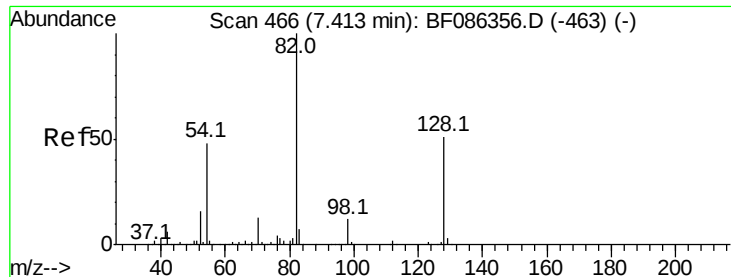
Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	564073		
71	6.7	4.8	7.2	
51	37.3	32.6	49.0	
120	21.9	16.5	24.7	





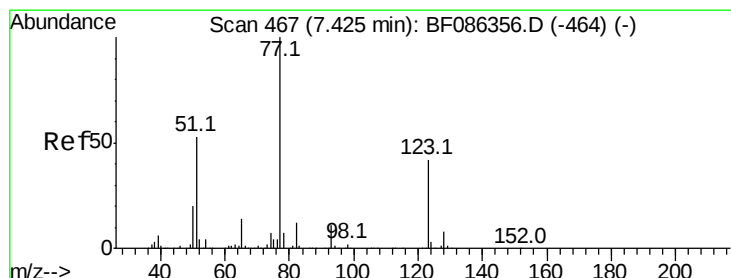
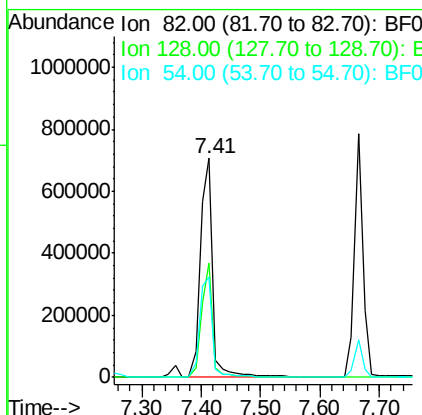
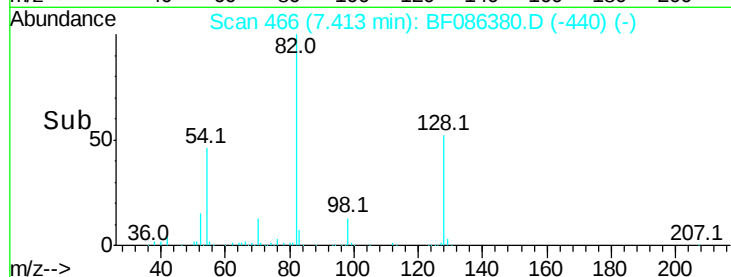
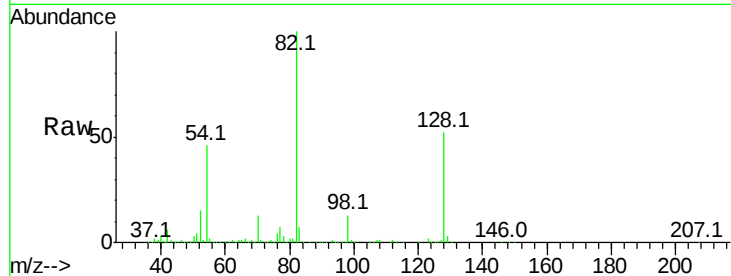
#23
 Nitrobenzene-d5
 Concen: 88.02 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

Tot Ion	82	Resp	1042931
Ion Ratio	100	Lower	Upper
82	100		
128	52.2	40.6	61.0
54	46.0	38.1	57.1

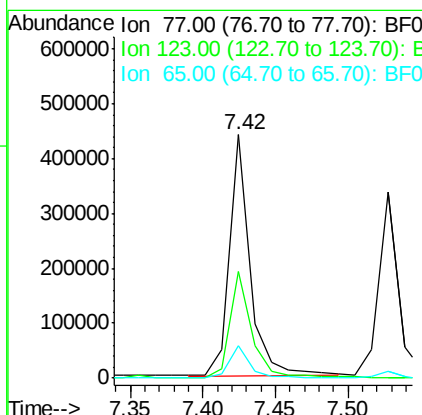
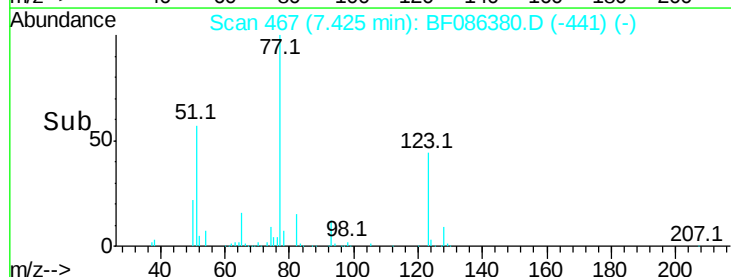
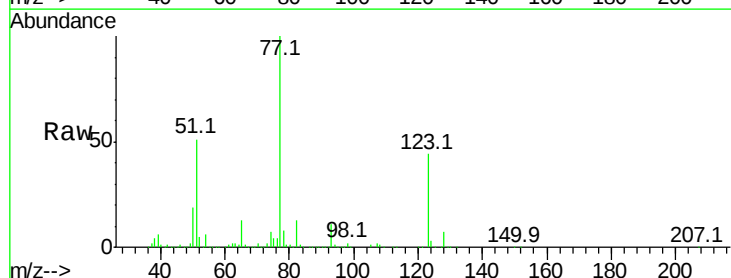
Manual Integrations
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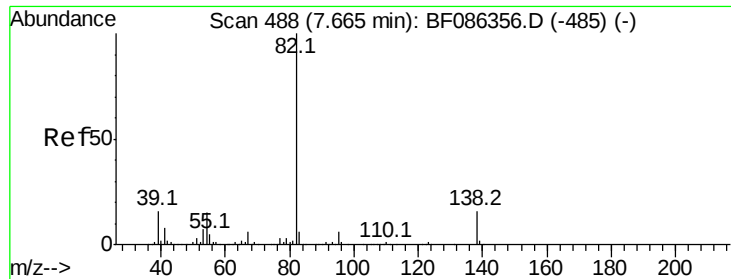
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#24
 Nitrobenzene
 Concen: 34.35 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Tgt Ion	77	Resp	436530
Ion Ratio	100	Lower	Upper
77	100		
123	43.7	33.0	49.4
65	13.2	10.8	16.2





#25

Isophorone

Concen: 33.71 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

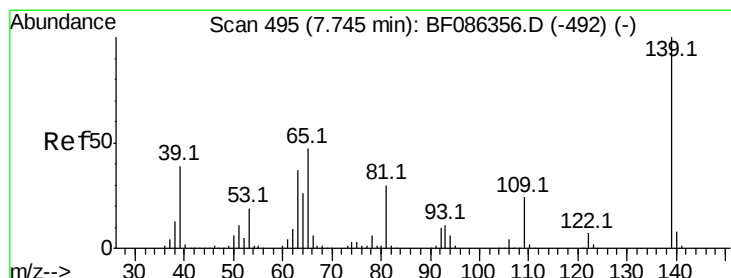
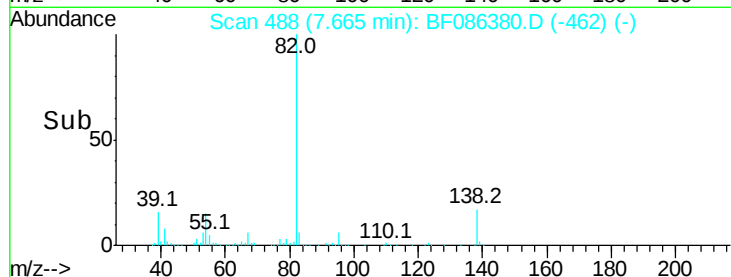
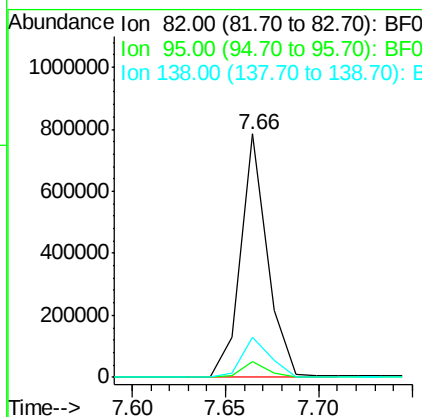
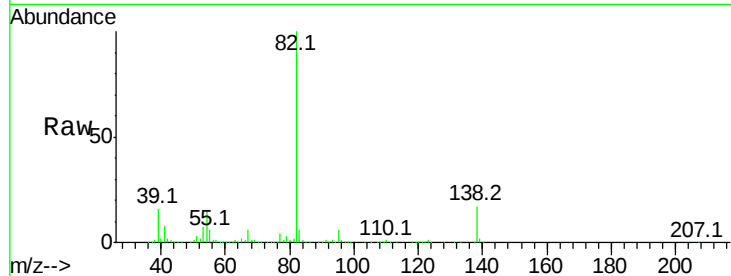
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:	82	Resp:	782683
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.1	7.7
138	16.5	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.65 ng

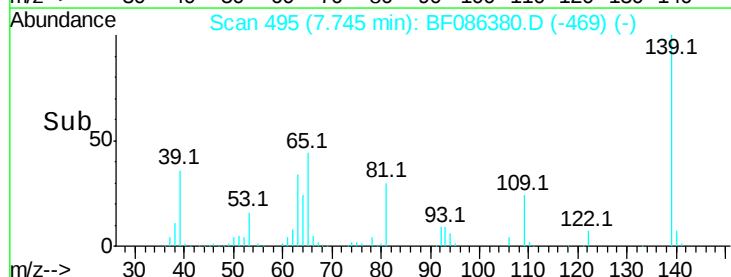
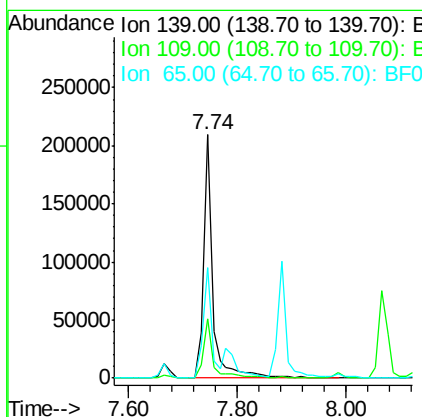
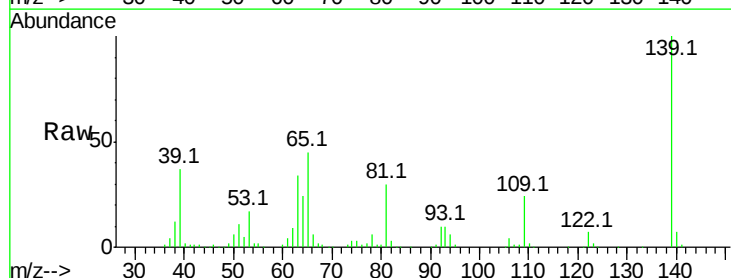
RT: 7.74 min Scan# 495

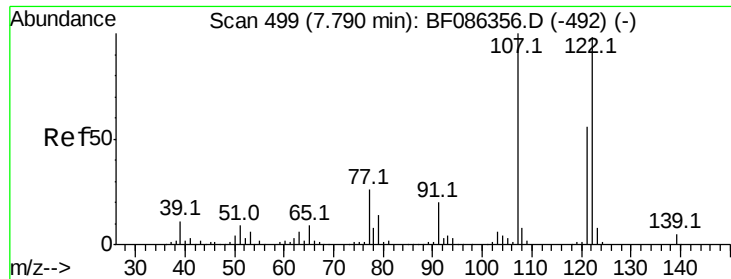
Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	139	Resp:	242719
Ion Ratio	Lower	Upper	
139	100		
109	24.5	19.5	29.3
65	45.1	37.5	56.3





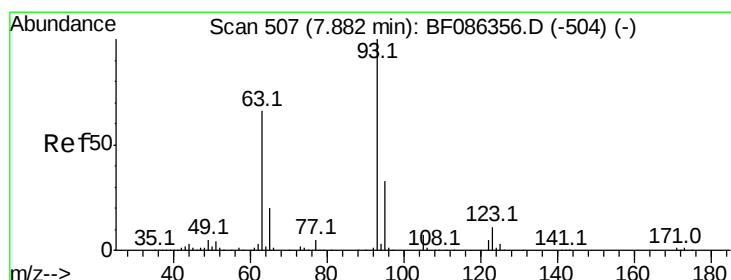
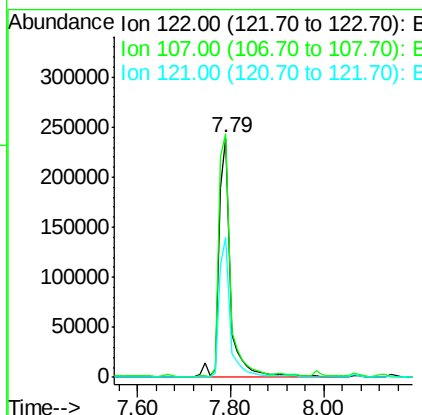
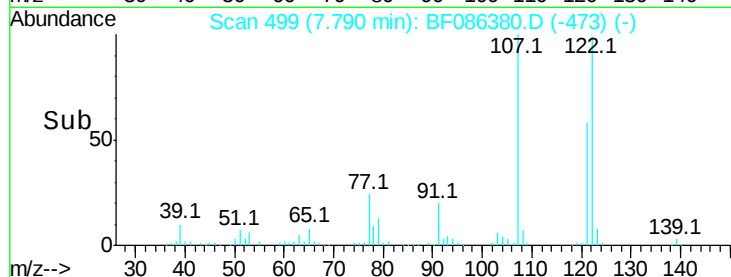
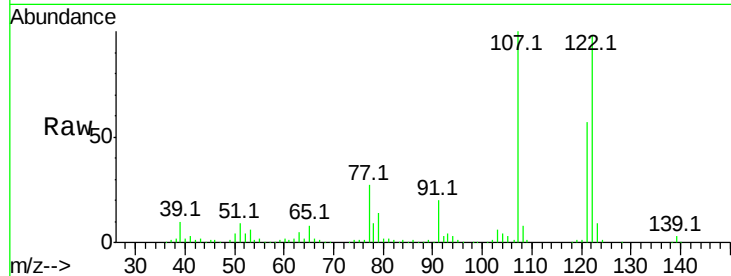
#27
 2,4-Dimethylphenol
 Concen: 37.85 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	406997		
107	101.9	82.0	123.0	
121	58.4	46.1	69.1	

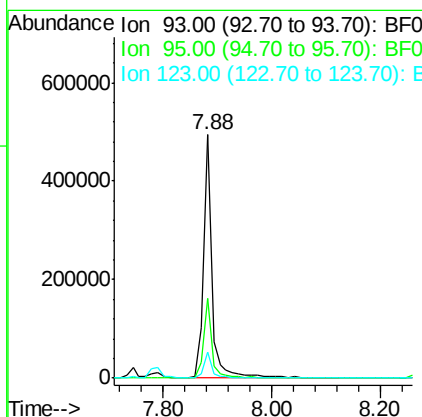
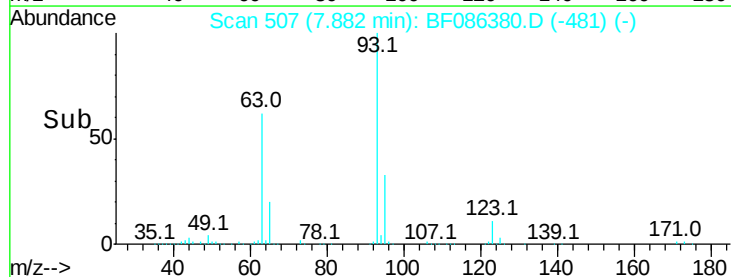
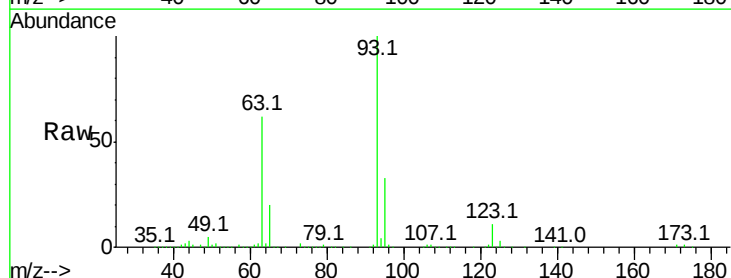
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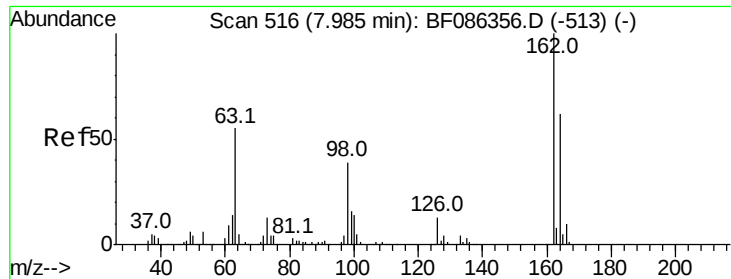
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.60 ng
 RT: 7.88 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526327		
95	32.8	26.0	39.0	
123	10.9	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 41.51 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

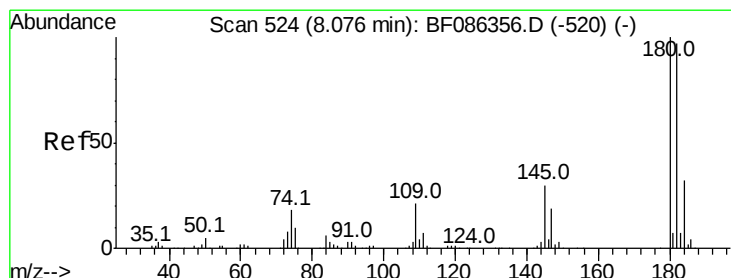
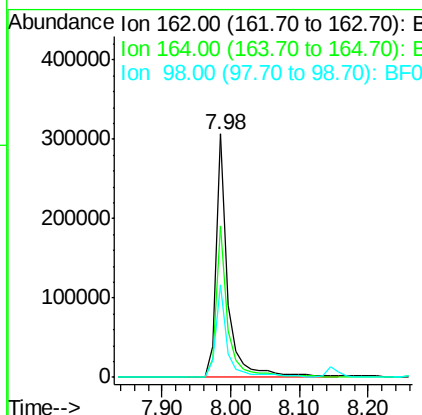
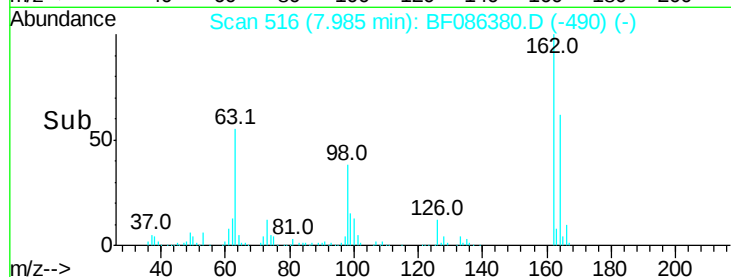
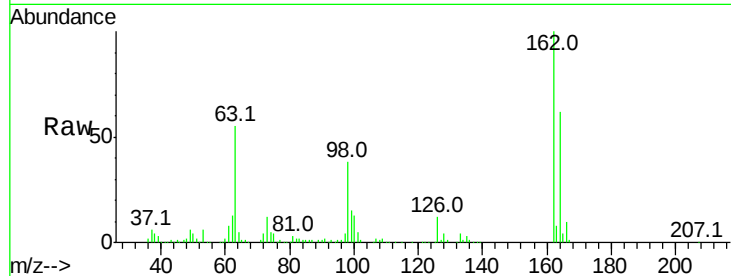
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:	162	Resp:	368938
Ion Ratio	Lower	Upper	
162	100		
164	62.4	42.2	82.2
98	38.1	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 38.59 ng

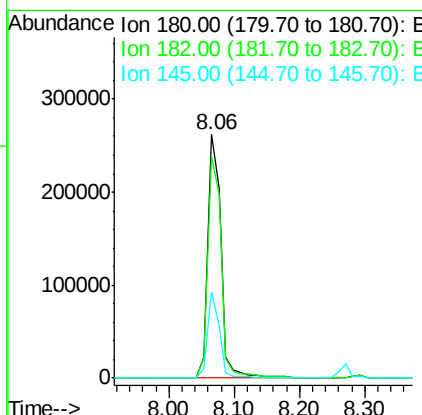
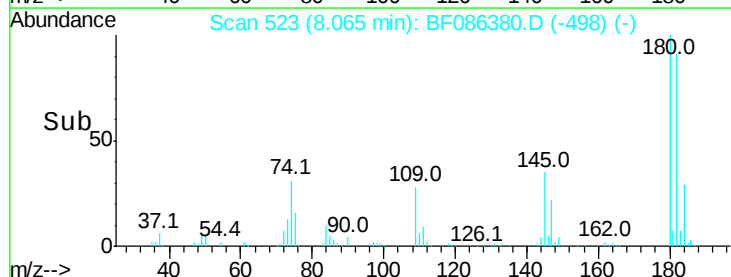
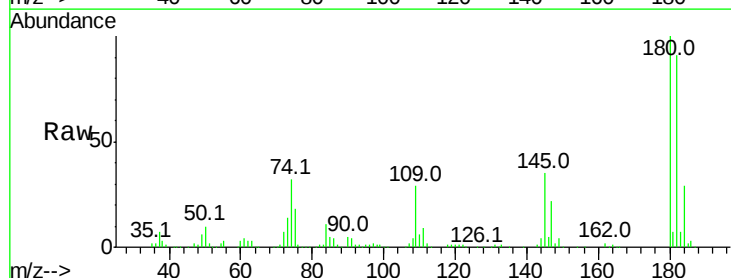
RT: 8.06 min Scan# 523

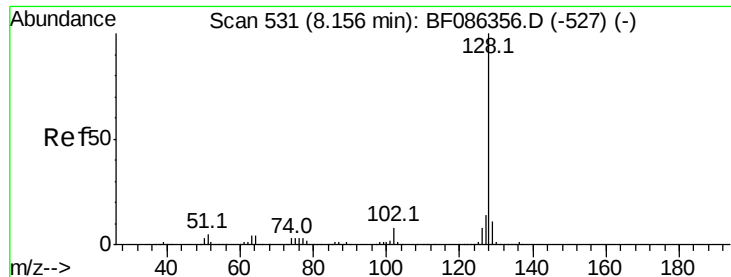
Delta R.T. -0.01 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	180	Resp:	372540
Ion Ratio	Lower	Upper	
180	100		
182	91.2	78.0	117.0
145	35.2	24.2	36.2





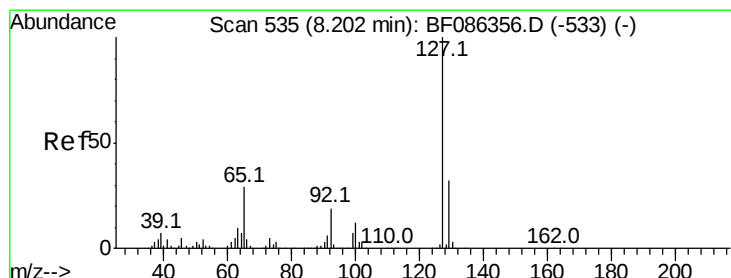
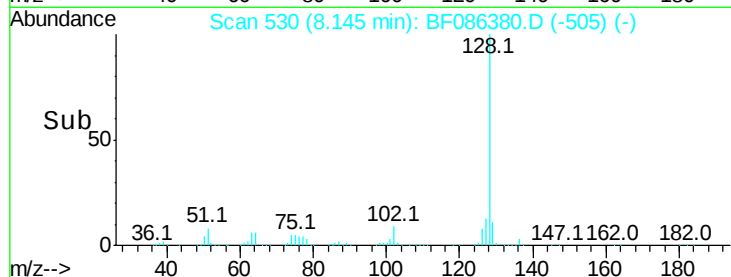
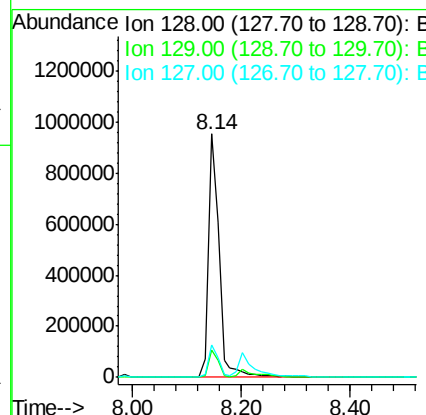
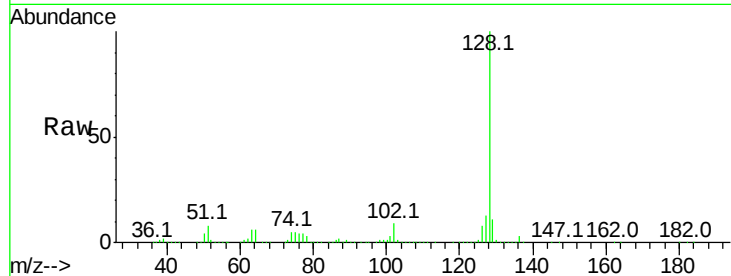
#31
Naphthalene
Concen: 35.91 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion:128 Resp: 1284129
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2

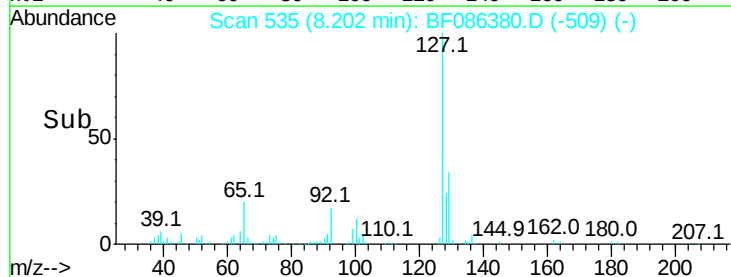
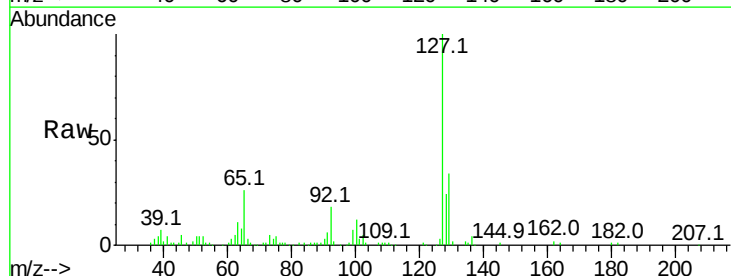
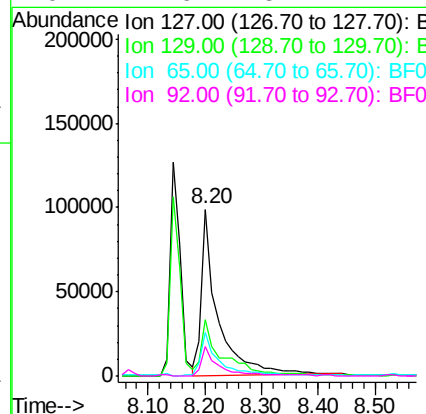
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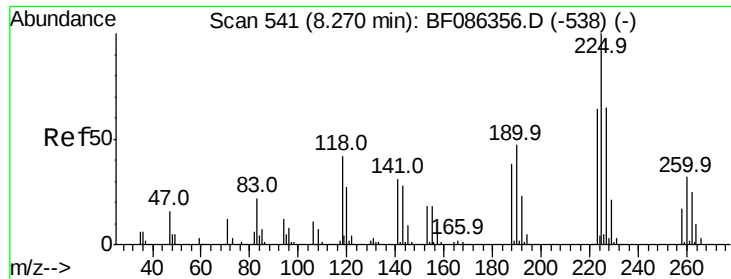
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#33
4-Chloroaniline
Concen: 14.17 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion:127 Resp: 197419
Ion Ratio Lower Upper
127 100
129 33.7 26.2 39.4
65 26.4 23.0 34.4
92 17.6 15.1 22.7





#34

Hexachlorobutadiene

Concen: 38.45 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

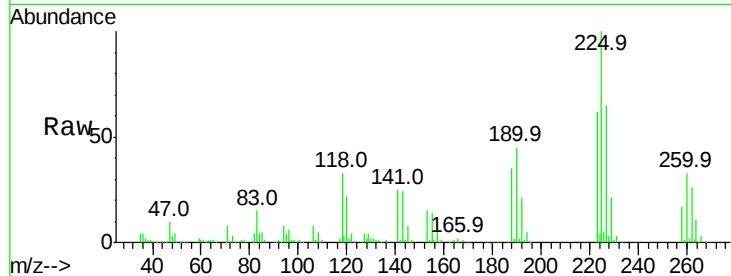
ClientSampleId :

WPG-B3(5-9)-CMS

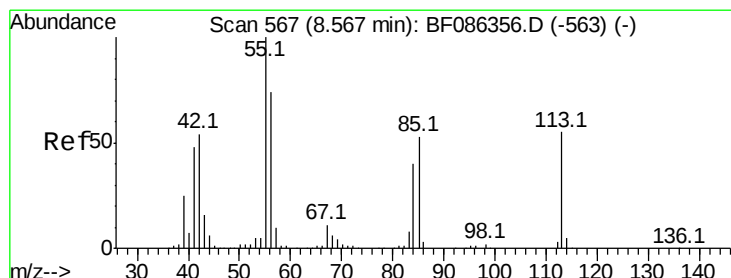
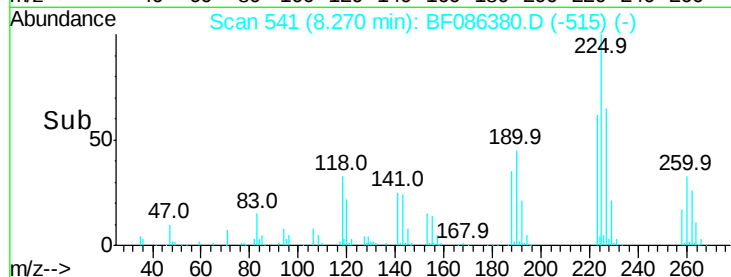
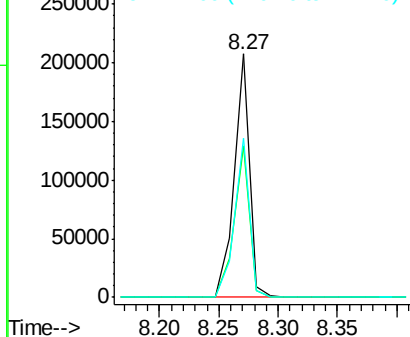
Tot Ion:	225	Resp:	185369
Ion Ratio		Lower	Upper
225	100		
223	62.1	51.5	77.3
227	65.4	52.2	78.2

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



#35

Caprolactam

Concen: 31.51 ng m

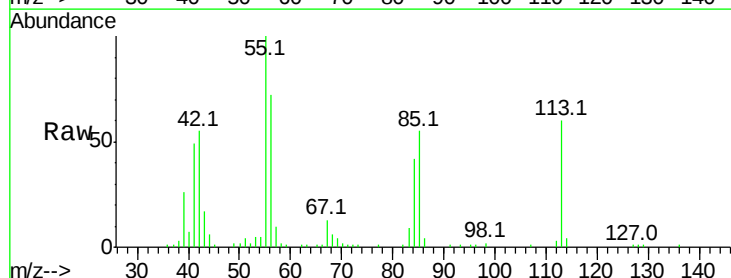
RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

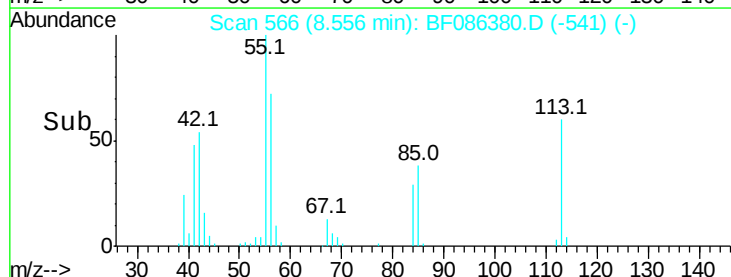
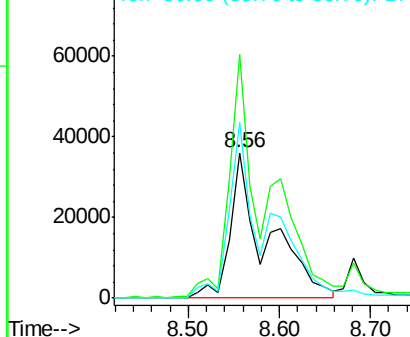
Lab File: BF086380.D

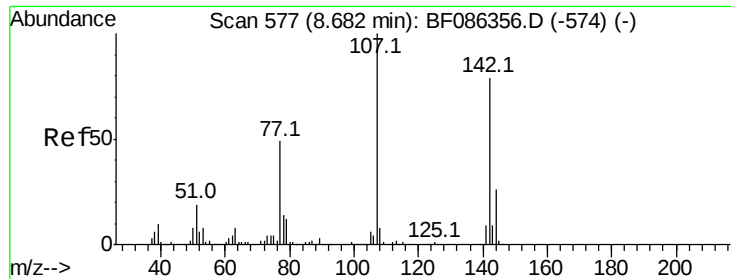
Acq: 23 Apr 2016 9:44

Tgt Ion:	113	Resp:	100504
Ion Ratio		Lower	Upper
113	100		
55	167.6	162.0	202.0
56	120.8	115.3	155.3



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





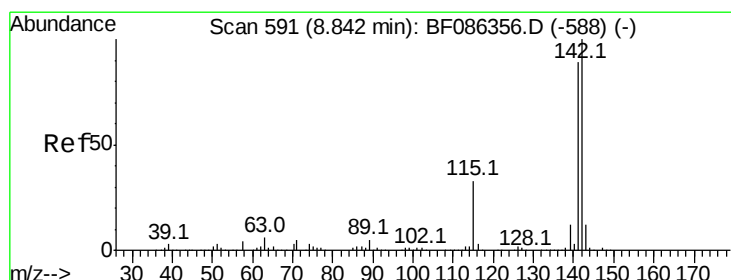
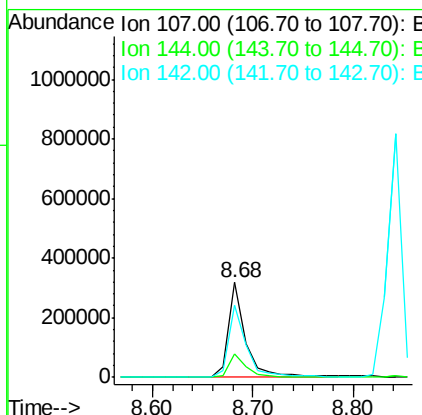
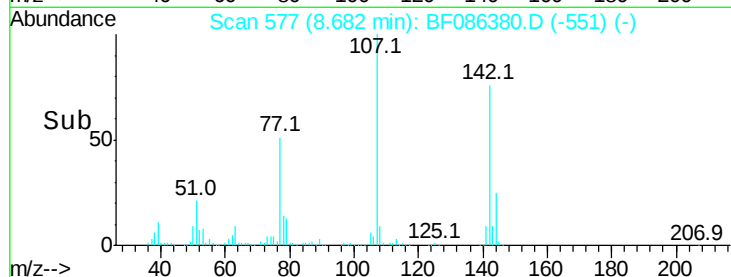
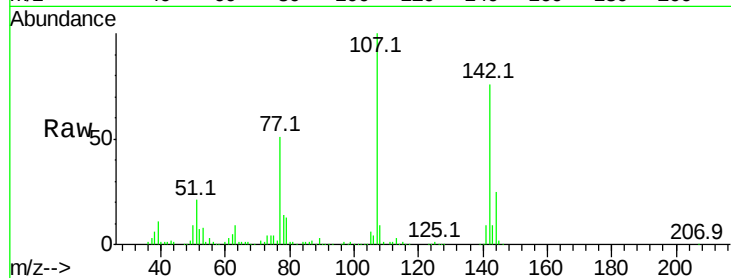
#36
4-Chloro-3-methylphenol
Concen: 35.69 ng
RT: 8.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.8	20.7	31.1	
142	76.3	63.2	94.8	

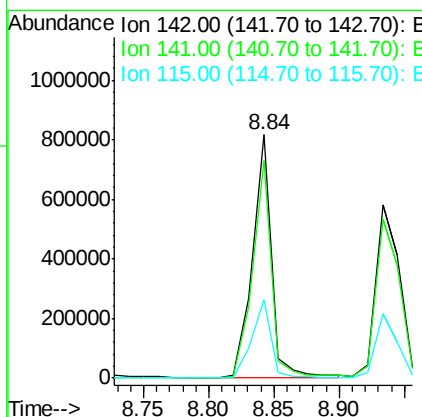
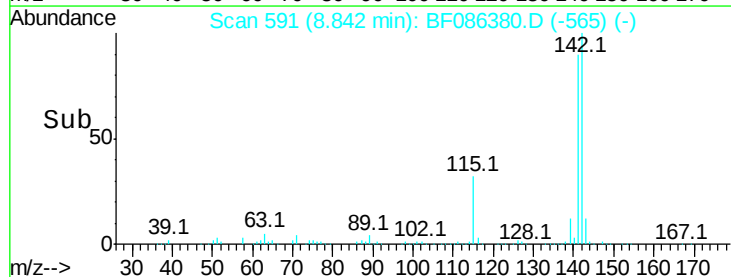
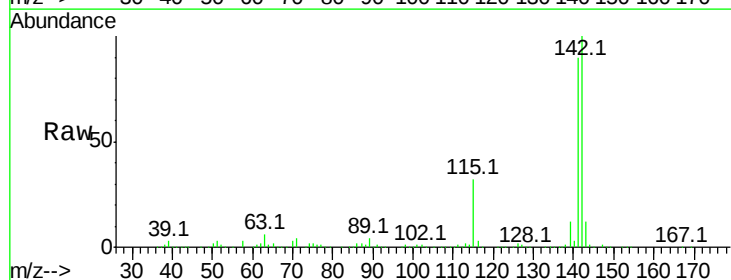
Manual Integrations
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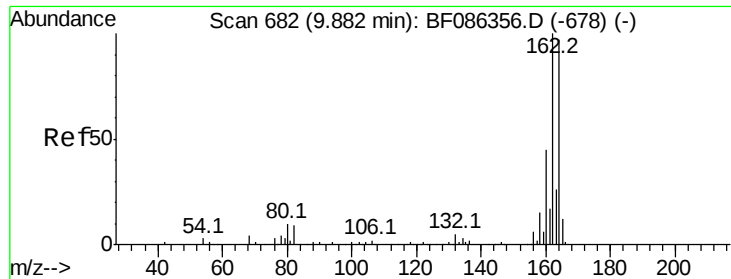
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#37
2-Methylnaphthalene
Concen: 40.49 ng
RT: 8.84 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.7	71.0	106.6	
115	32.3	26.6	39.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

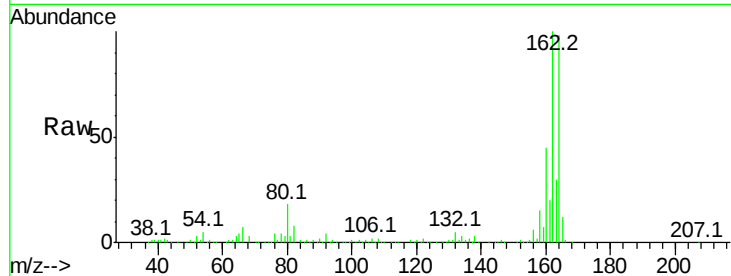
ClientSampleId :

WPG-B3(5-9)-CMS

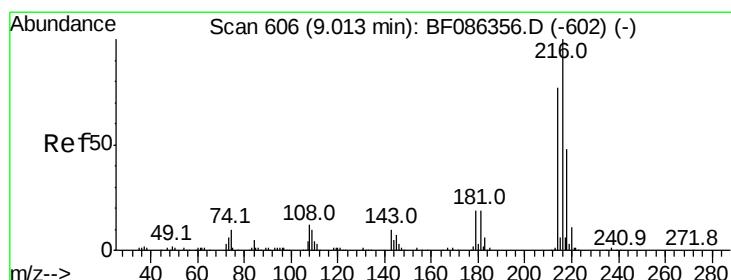
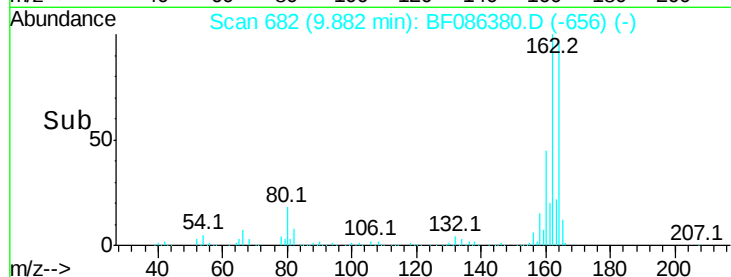
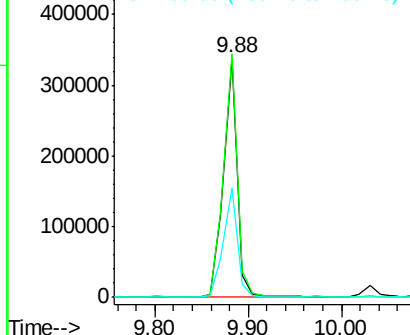
Tot Ion:	164	Resp:	347841
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.8	124.2
160	46.0	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.96 ng

RT: 9.00 min Scan# 605

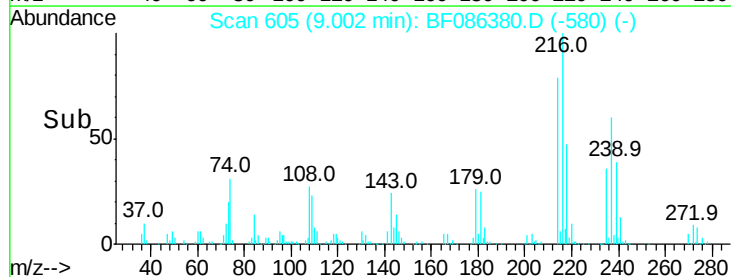
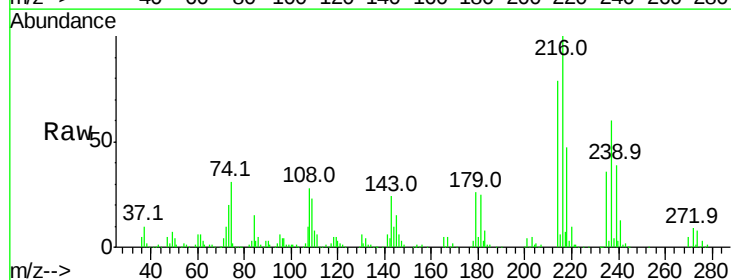
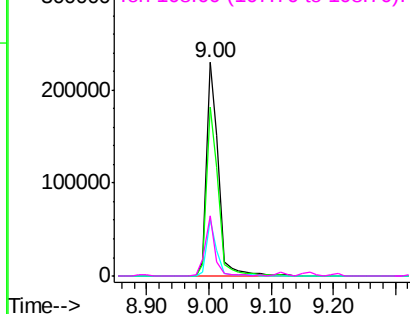
Delta R.T. -0.01 min

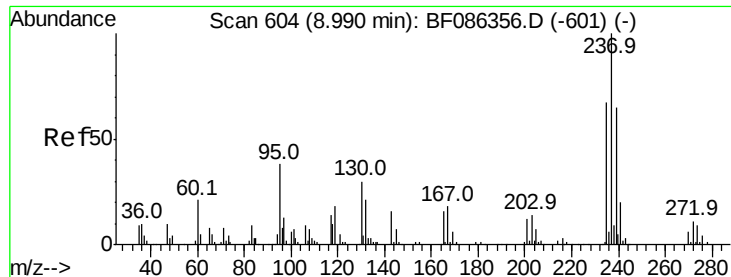
Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	216	Resp:	305569
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.6	93.8
179	22.9	18.2	27.4
108	23.9	17.5	26.3

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





#40

Hexachlorocyclopentadiene

Concen: 66.93 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

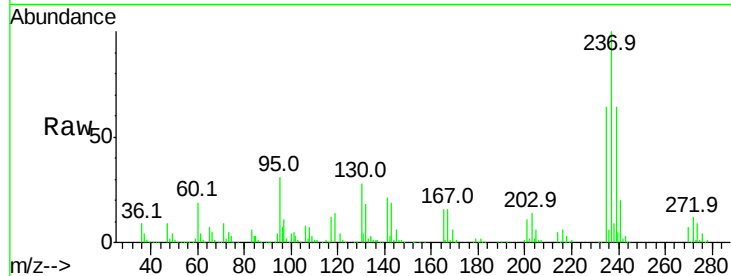
ClientSampleId :

WPG-B3(5-9)-CMS

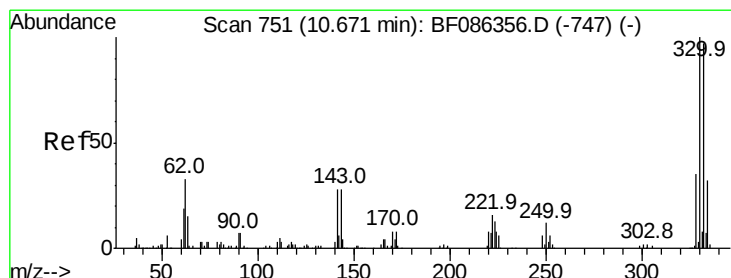
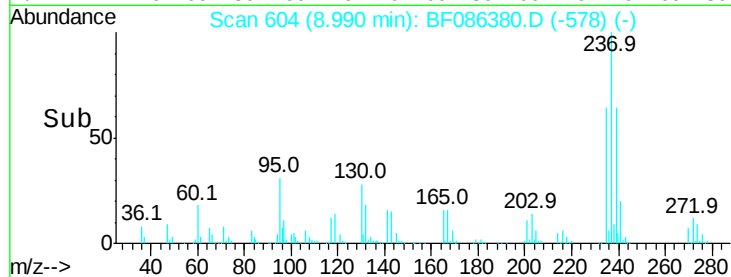
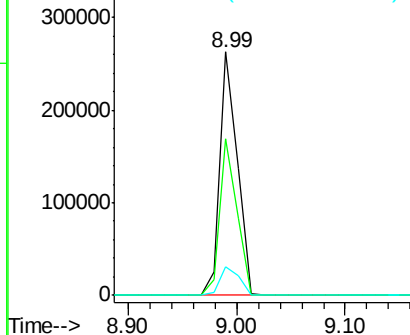
Tot Ion:	237	Resp:	294198
Ion Ratio	Lower	Upper	
237	100		
235	64.4	47.2	87.2
272	11.7	0.0	31.1

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



#41

2,4,6-Tribromophenol

Concen: 119.29 ng

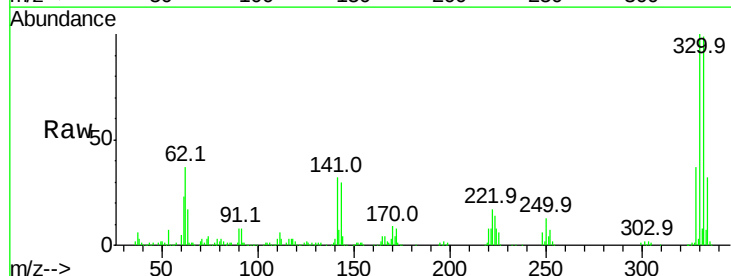
RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

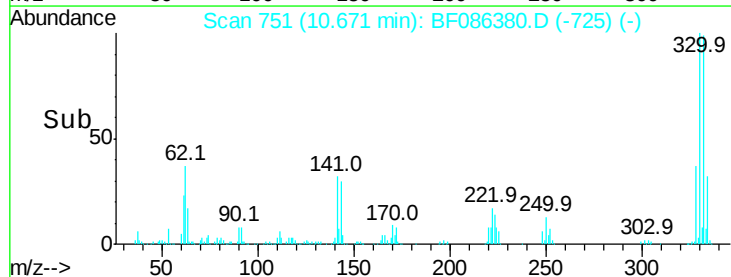
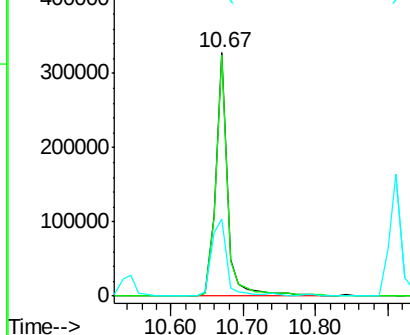
Lab File: BF086380.D

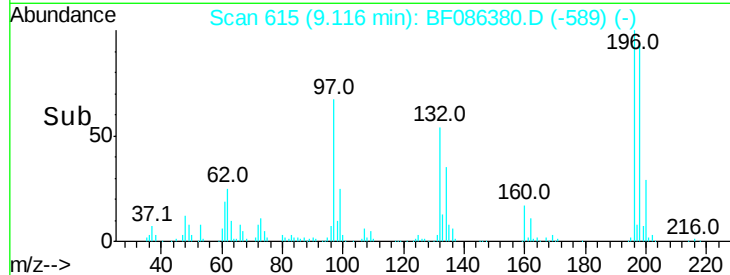
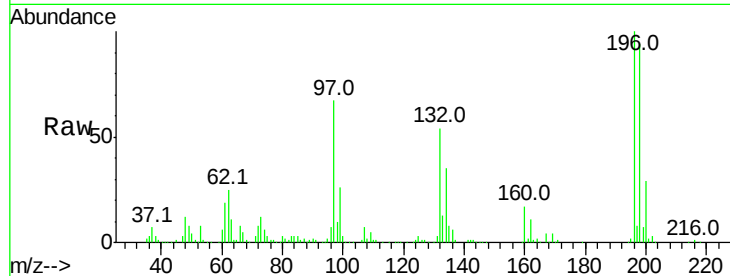
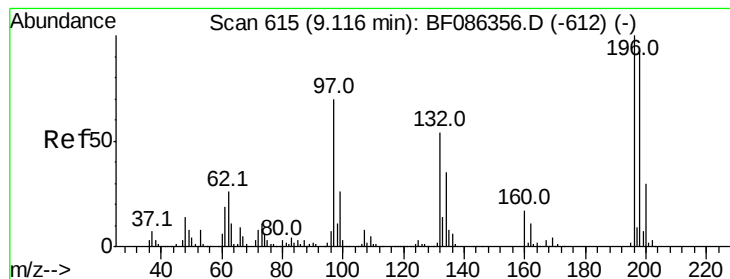
Acq: 23 Apr 2016 9:44

Tgt Ion:	330	Resp:	375608
Ion Ratio	Lower	Upper	
330	100		
332	99.8	79.0	118.4
141	40.2	31.2	46.8



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





#42

2,4,6-Trichlorophenol

Concen: 38.36 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tot Ion:	196	Resp:	226374
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.7	112.1
200	29.4	23.8	35.6

Instrument :

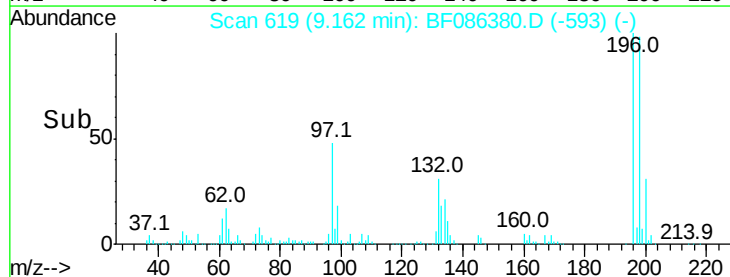
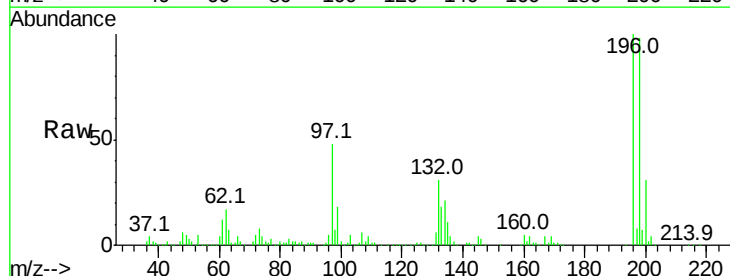
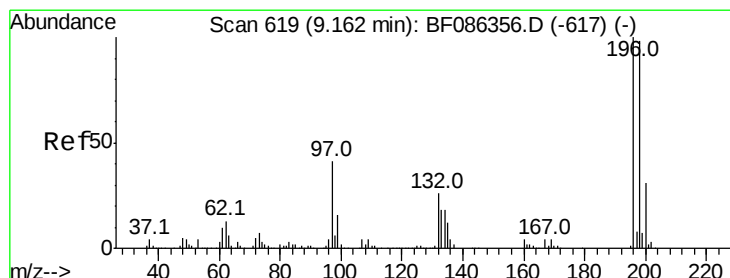
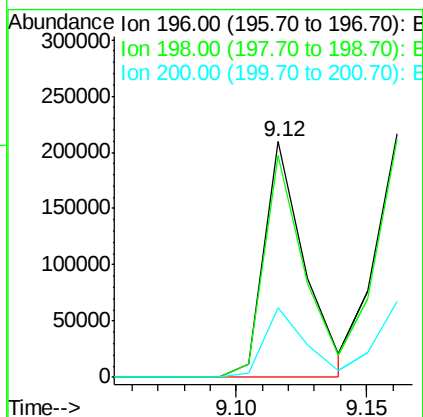
BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

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#43

2,4,5-Trichlorophenol

Concen: 35.82 ng

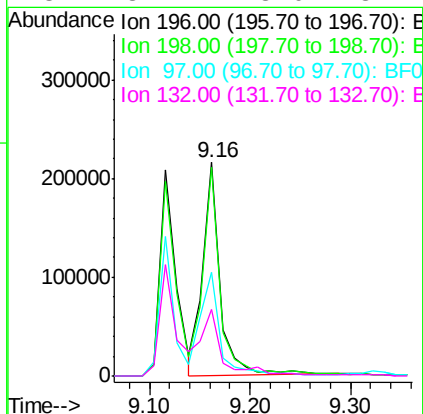
RT: 9.16 min Scan# 619

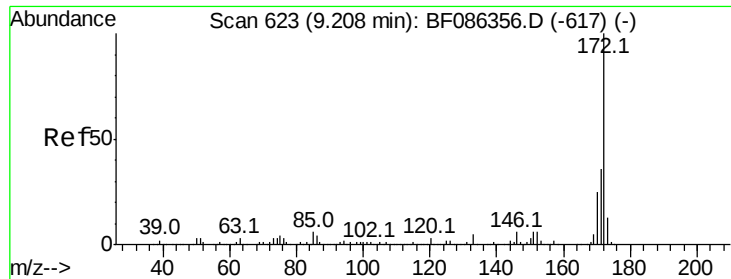
Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	196	Resp:	260252
Ion Ratio	Lower	Upper	
196	100		
198	98.0	77.5	116.3
97	48.4	34.8	52.2
132	31.1	23.0	34.4





#44

2-Fluorobiphenyl

Concen: 86.44 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:172 Resp: 1762049

Ion Ratio Lower Upper

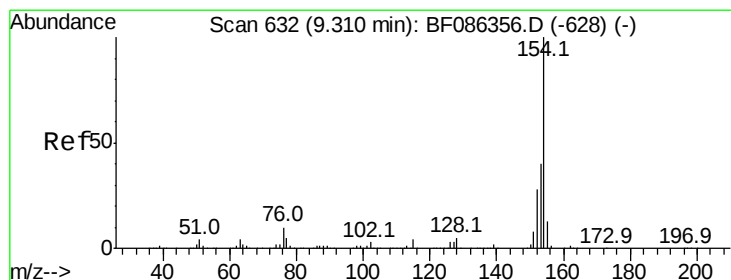
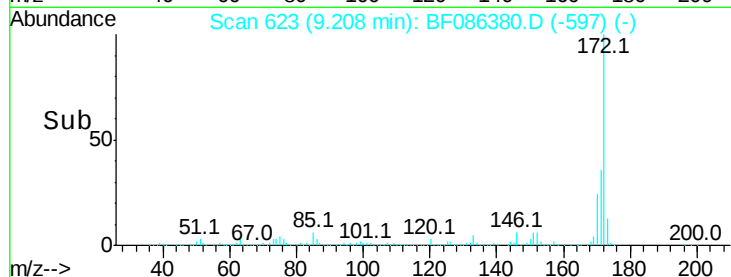
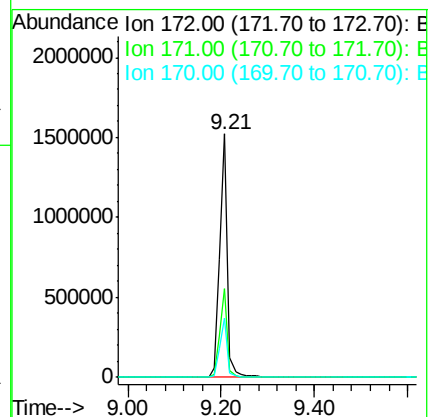
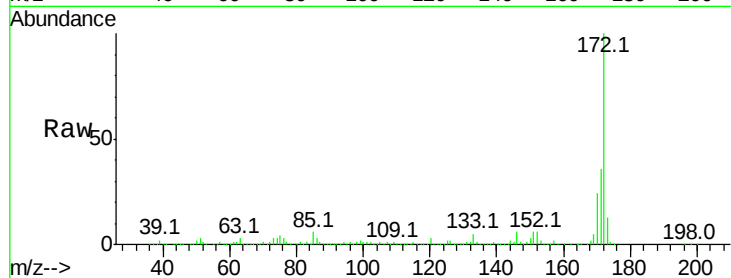
172 100

171 36.4 29.0 43.6

170 24.3 19.8 29.8

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#45

1,1'-Biphenyl

Concen: 36.14 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

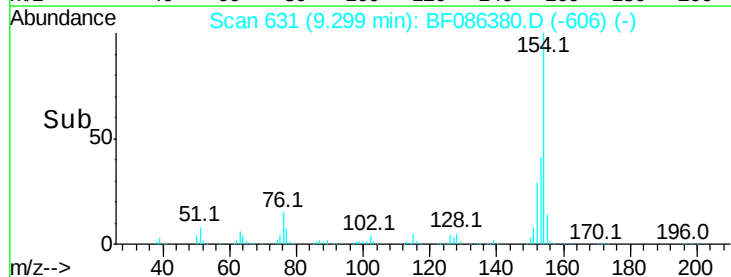
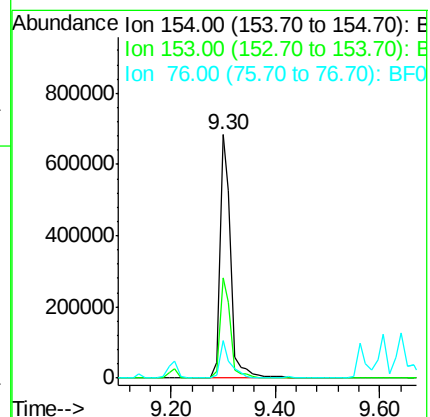
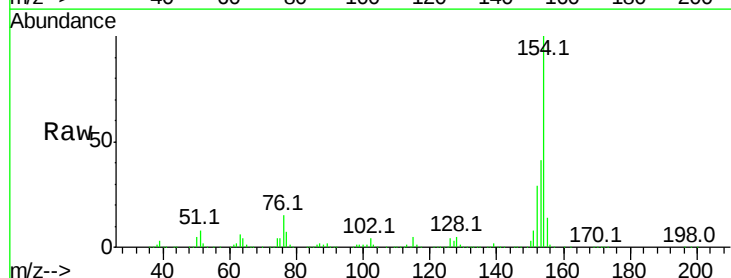
Tgt Ion:154 Resp: 975356

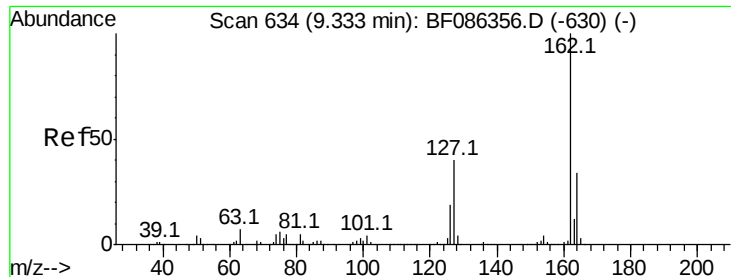
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 15.3 0.0 30.2





#46

2-Chloronaphthalene

Concen: 35.96 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

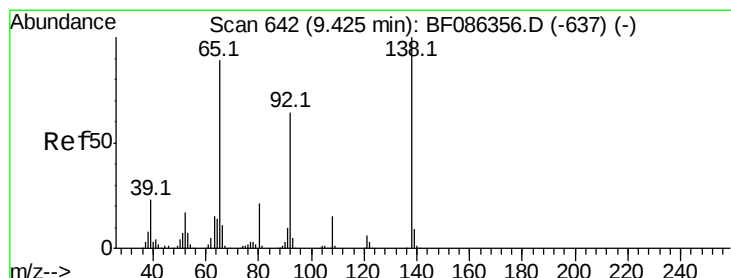
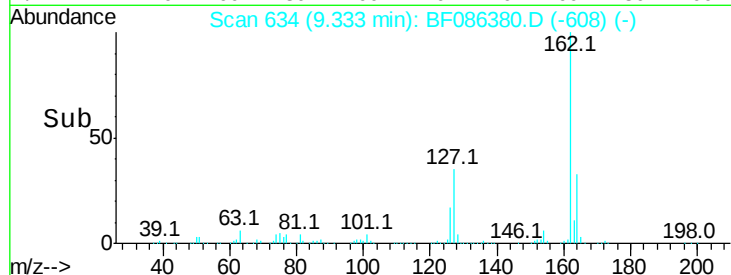
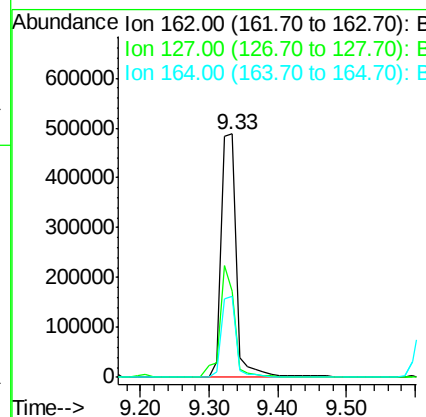
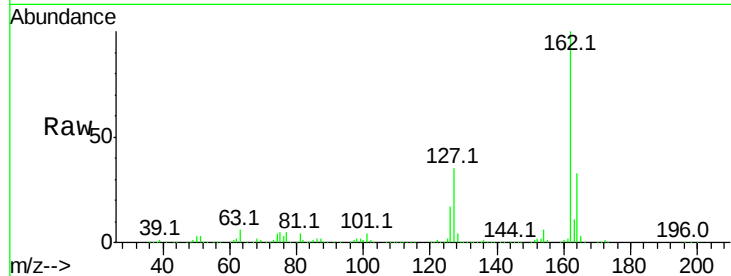
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:	162	Resp:	768078
Ion Ratio	Lower	Upper	
162	100		
127	35.4	31.8	47.6
164	33.0	27.0	40.6

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#47

2-Nitroaniline

Concen: 39.02 ng

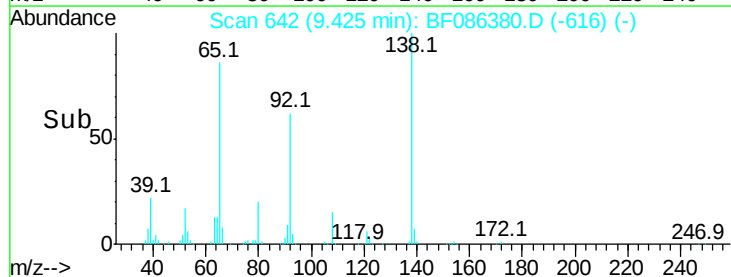
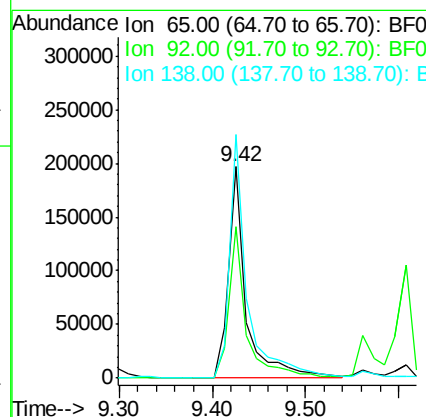
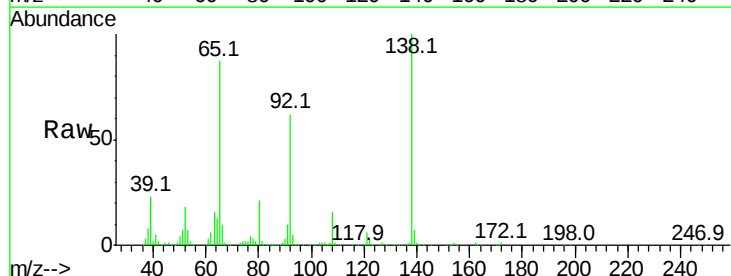
RT: 9.42 min Scan# 642

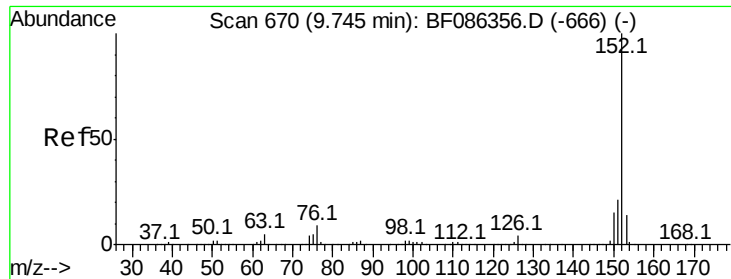
Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	65	Resp:	259551
Ion Ratio	Lower	Upper	
65	100		
92	71.7	57.4	86.2
138	115.4	90.1	135.1





#48

Acenaphthylene

Concen: 37.78 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:152 Resp: 1308458

Ion Ratio Lower Upper

152 100

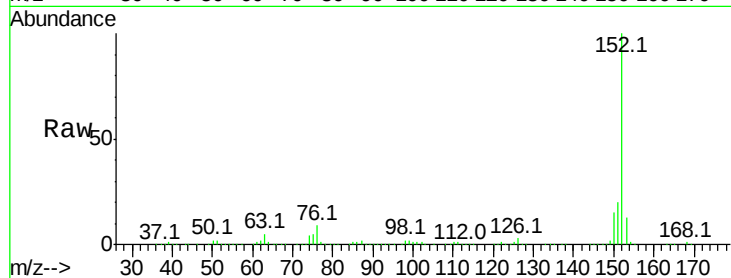
151 20.4 16.8 25.2

153 13.3 10.9 16.3

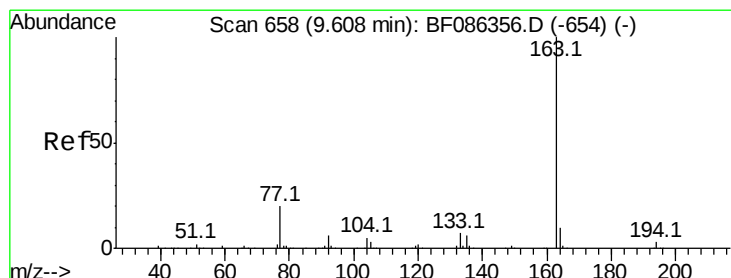
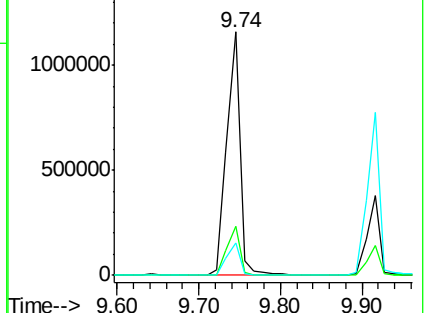
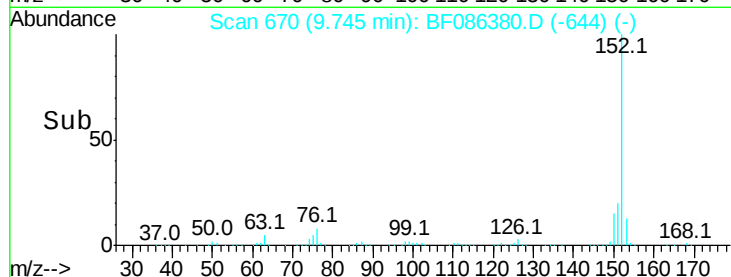
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.88 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

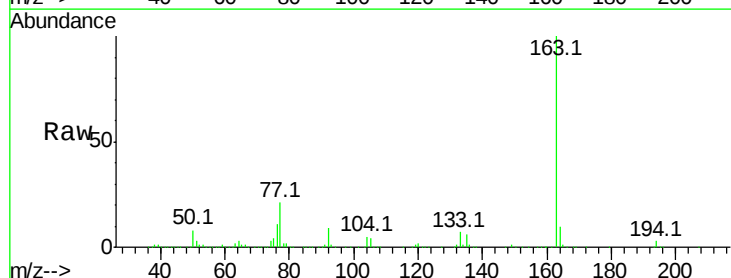
Tgt Ion:163 Resp: 1102599

Ion Ratio Lower Upper

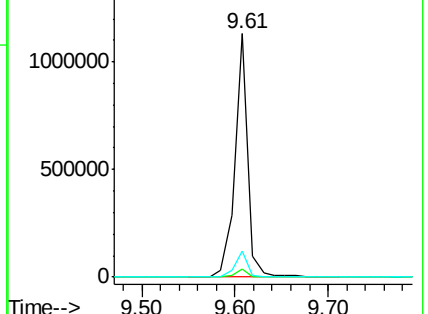
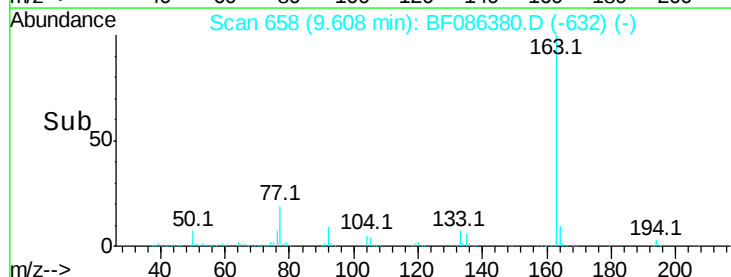
163 100

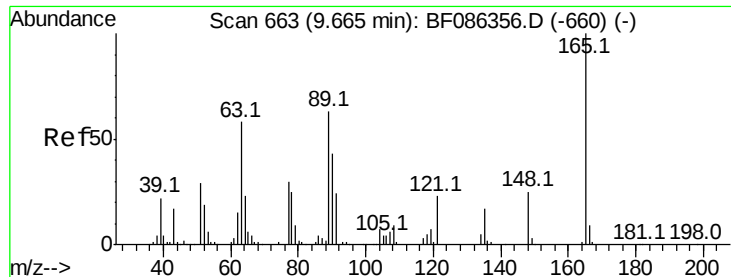
194 3.4 2.6 4.0

164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





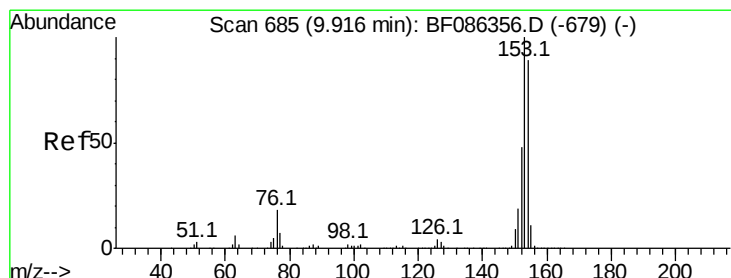
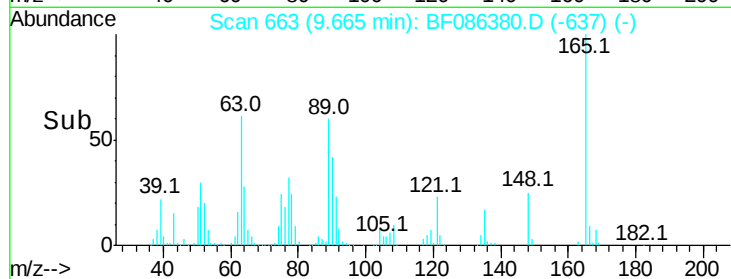
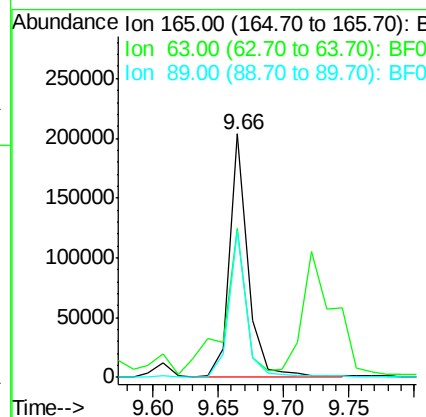
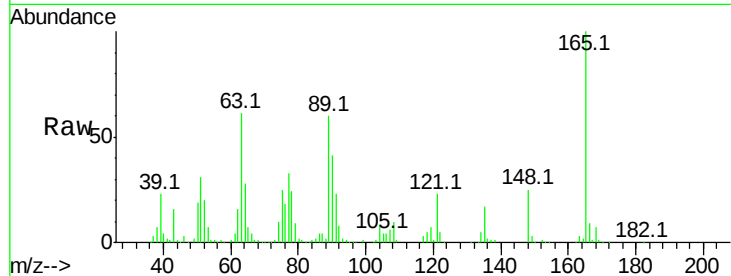
#50
 2,6-Dinitrotoluene
 Concen: 37.46 ng
 RT: 9.66 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	203358		
63	61.4	51.8	77.8	
89	60.2	50.7	76.1	

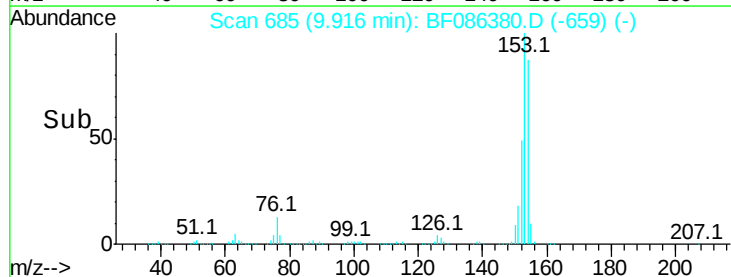
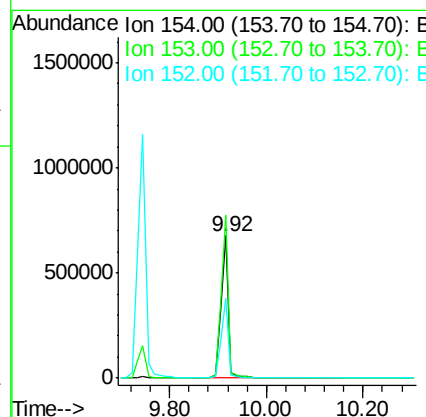
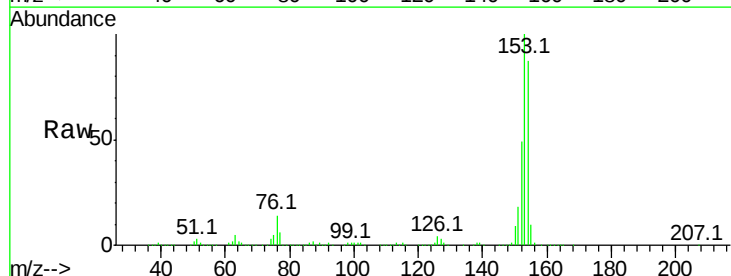
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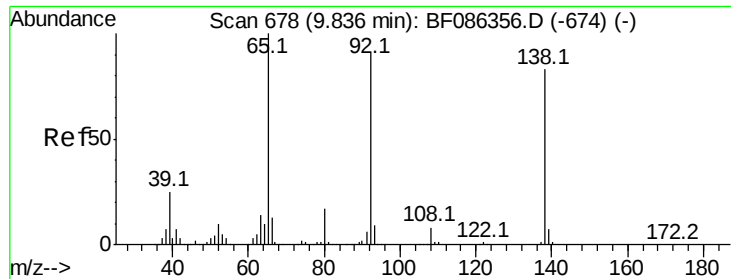
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#51
 Acenaphthene
 Concen: 34.91 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	742826		
153	114.4	89.8	134.6	
152	55.9	43.4	65.0	





#52

3-Nitroaniline

Concen: 28.40 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

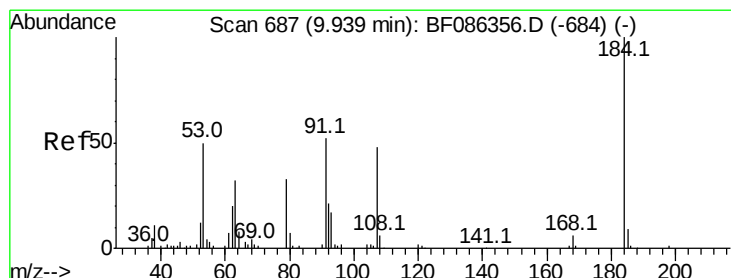
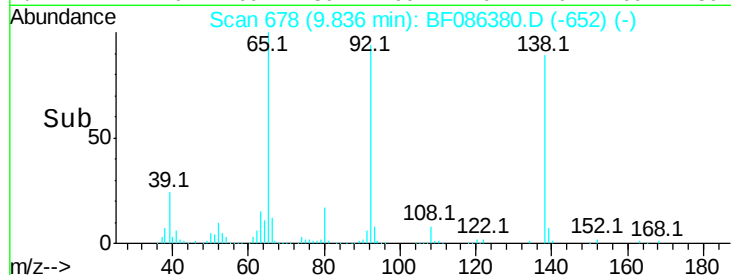
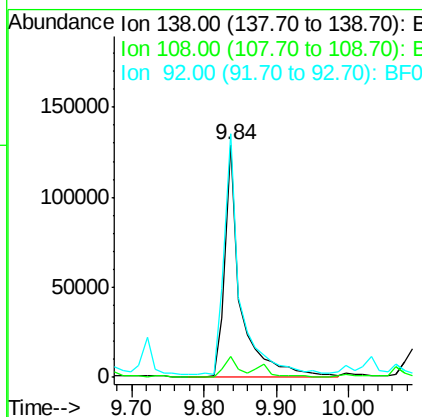
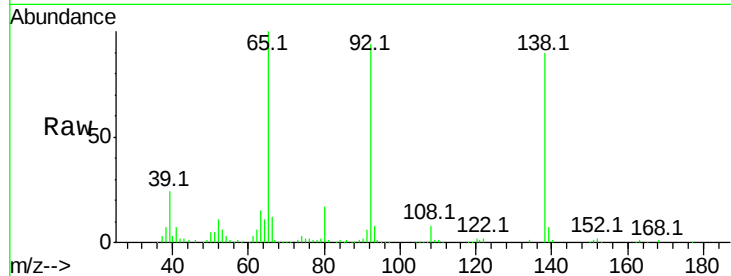
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:	138	Resp:	192990
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	104.7	87.8	131.8

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#53

2,4-Dinitrophenol

Concen: 2.91 ng

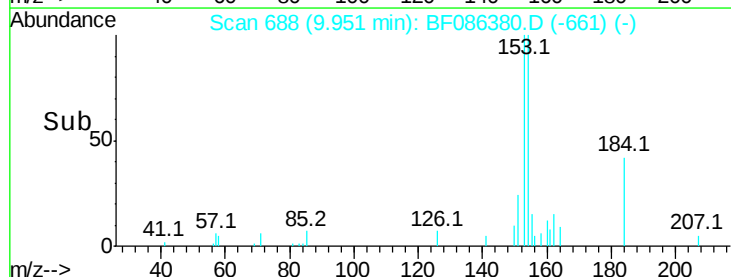
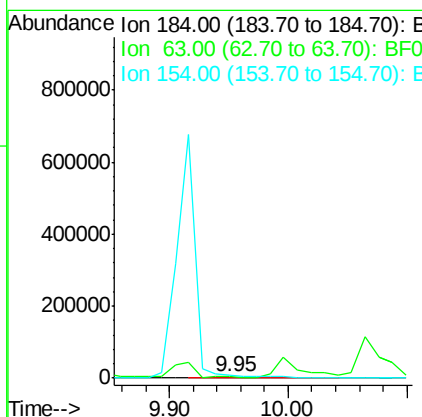
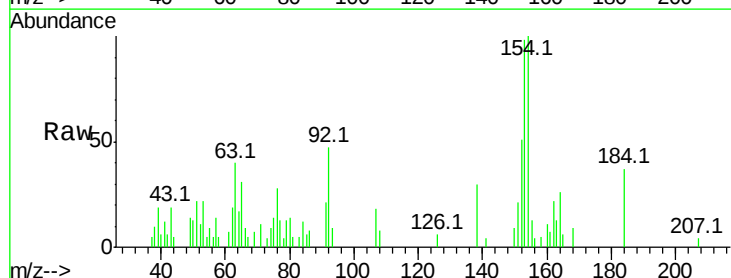
RT: 9.95 min Scan# 688

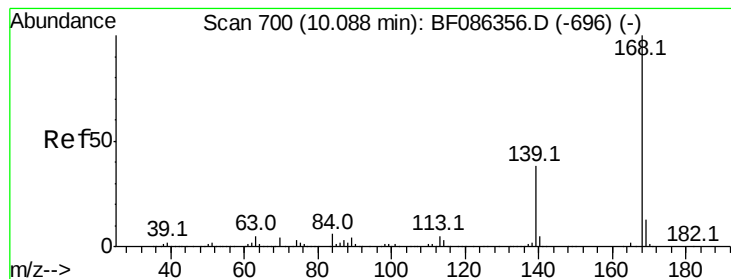
Delta R.T. 0.01 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Tgt Ion:	184	Resp:	8218
Ion Ratio	Lower	Upper	
184	100		
63	108.8	55.8	83.8#
154	270.9	62.4	93.6#





#54

Dibenzenofuran

Concen: 40.94 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:168 Resp: 1118717

Ion Ratio Lower Upper

168 100

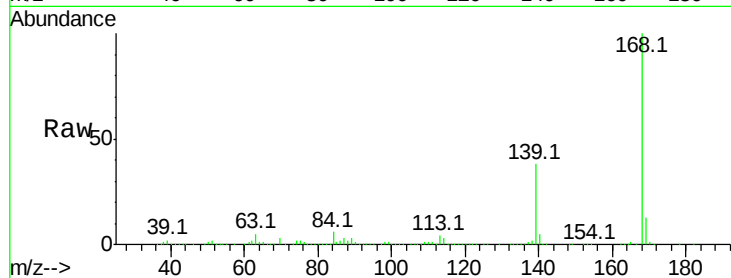
139 37.8 31.4 47.0

169 13.4 10.7 16.1

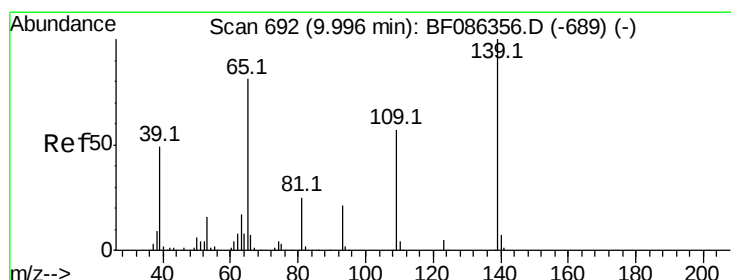
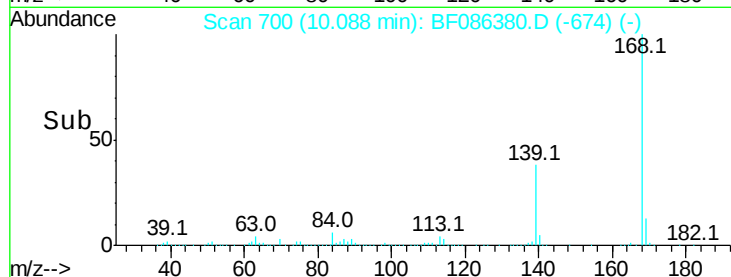
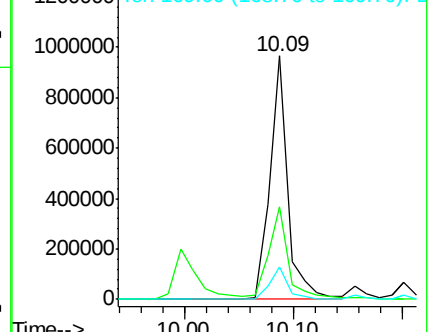
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 63.94 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

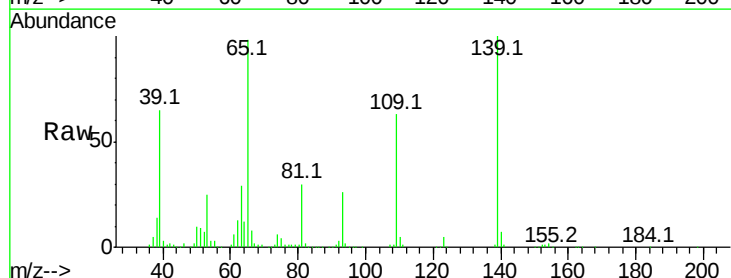
Tgt Ion:139 Resp: 304038

Ion Ratio Lower Upper

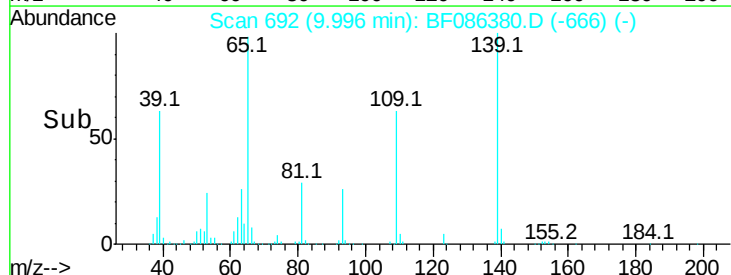
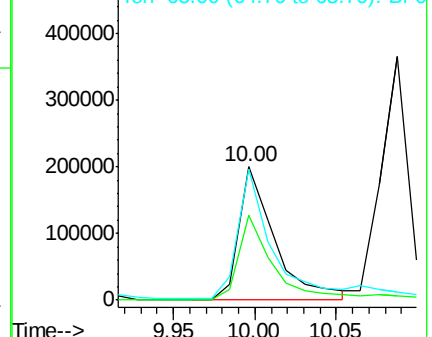
139 100

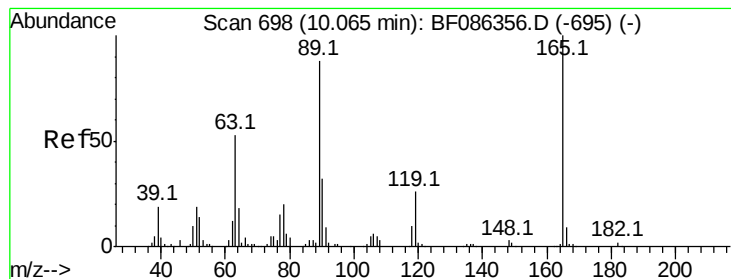
109 63.4 36.9 76.9

65 98.3 64.0 104.0



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





#56

2,4-Dinitrotoluene

Concen: 36.90 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:165 Resp: 266001

Ion Ratio Lower Upper

165 100

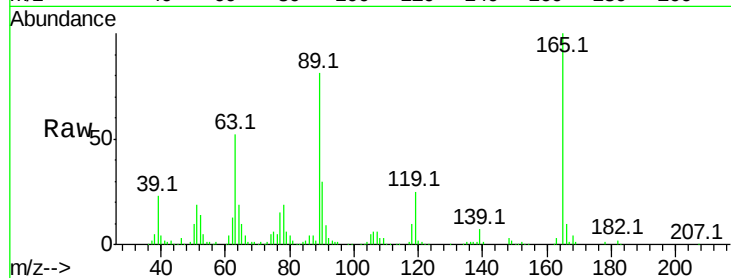
63 52.3 44.3 66.5

89 80.9 70.0 105.0

182 2.3 1.8 2.6

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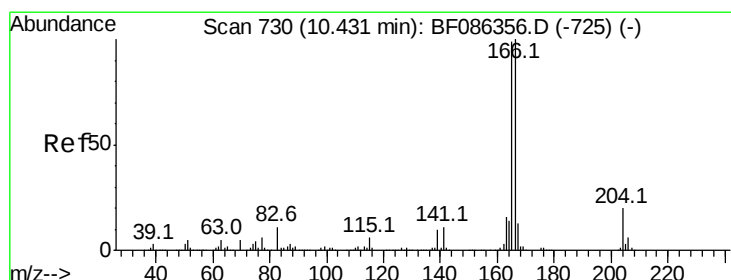
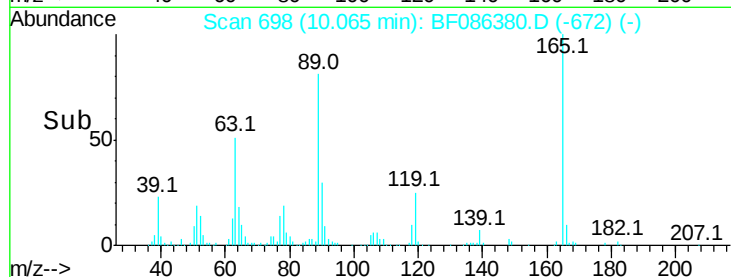
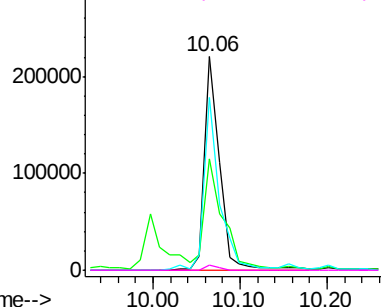


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.42 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

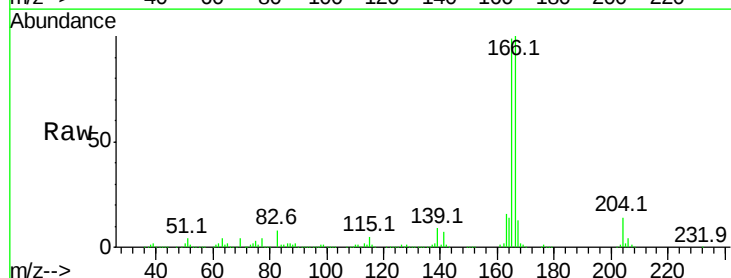
Tgt Ion:166 Resp: 815436

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.6

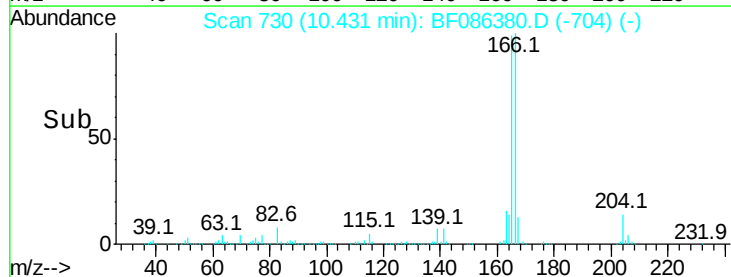
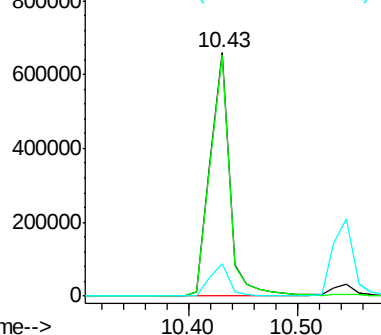
167 13.2 10.6 15.8

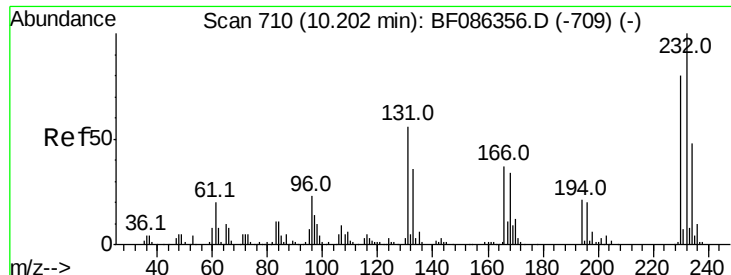


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





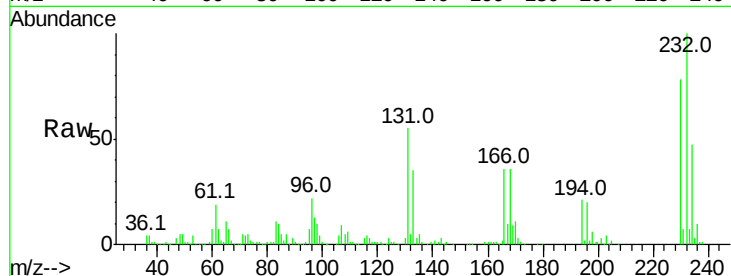
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.17 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

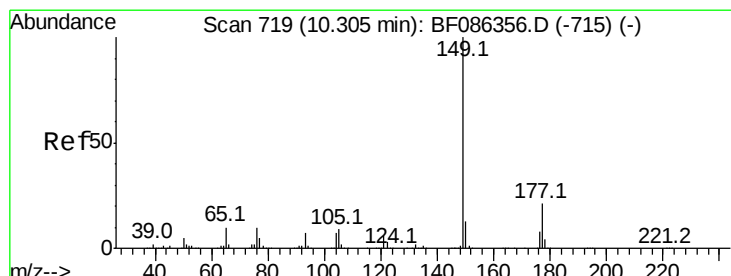
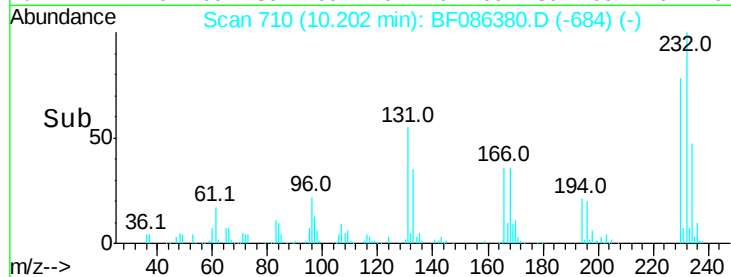
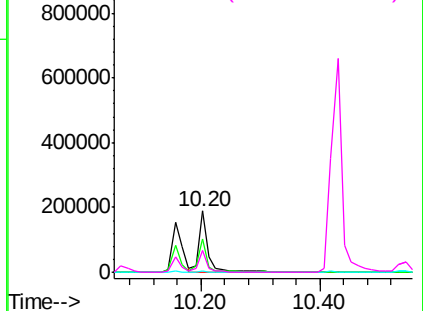
Tot Ion	Ratio	Resp	Lower	Upper
232	100	207985		
131	48.2		41.9	62.9
130	2.4		2.2	3.4
166	31.4		26.8	40.2

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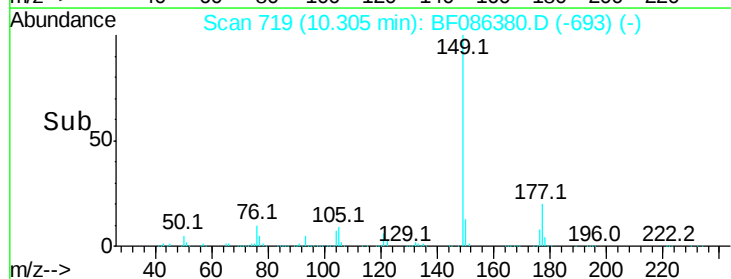
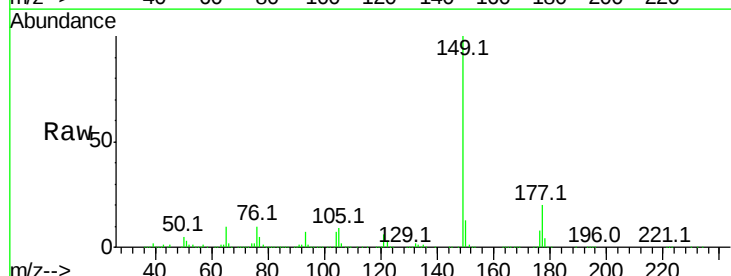
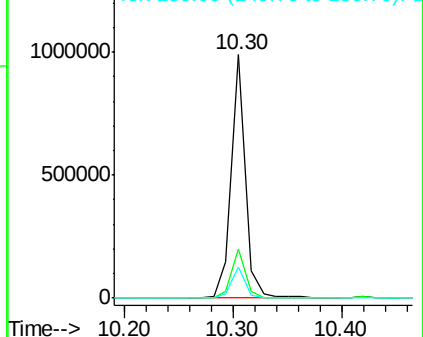
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

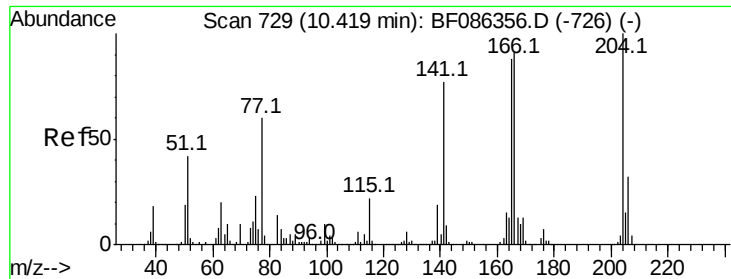


#59
 Diethylphthalate
 Concen: 36.79 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	885355		
177	20.4		16.6	24.8
150	12.8		10.0	15.0

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





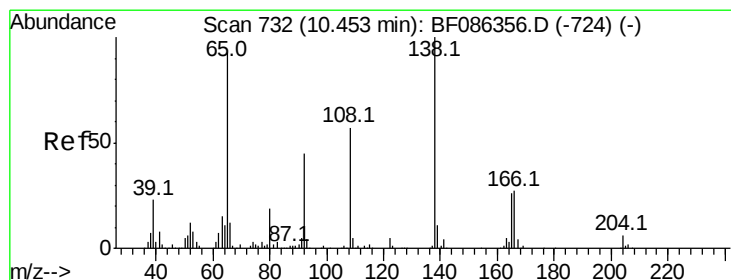
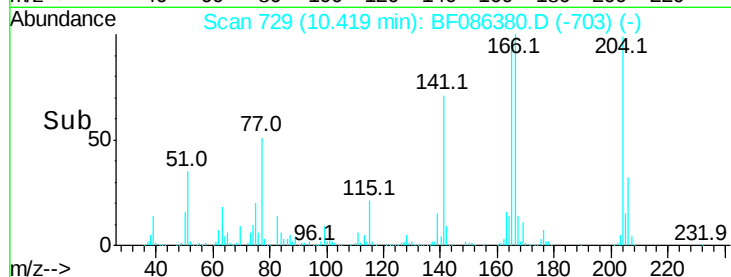
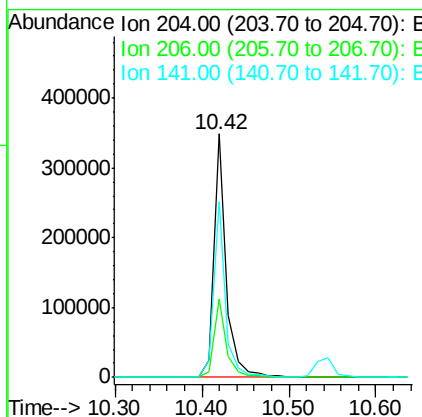
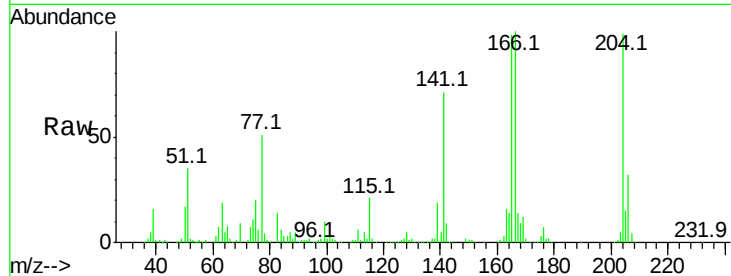
#60
4-Chlorophenyl-phenylether
Concen: 35.62 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	348789		
206	32.2	25.4	38.0	
141	71.9	61.6	92.4	

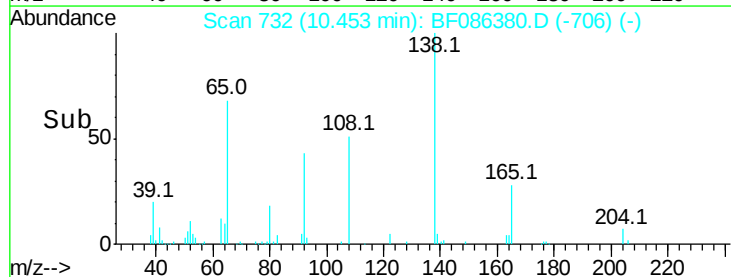
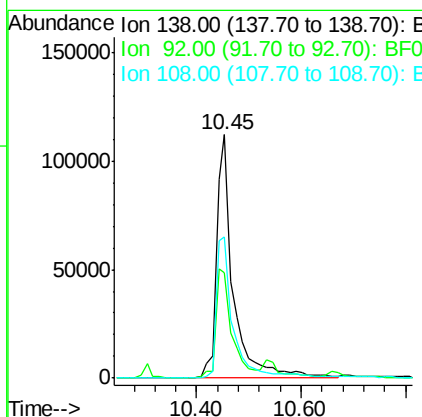
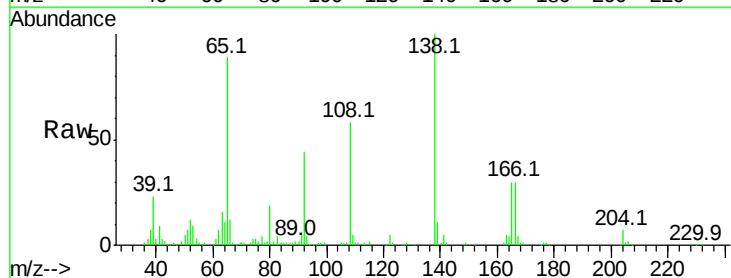
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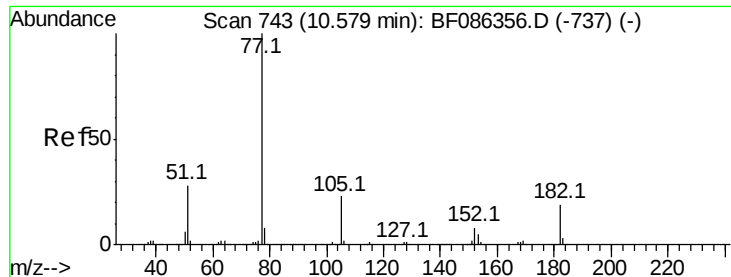
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#61
4-Nitroaniline
Concen: 36.04 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	250687		
92	43.5	24.7	64.7	
108	57.8	37.4	77.4	





#62

Azobenzene

Concen: 38.69 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

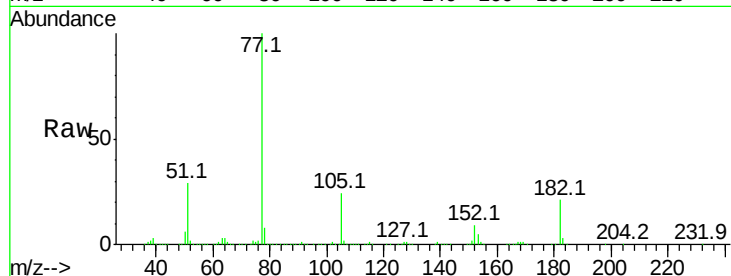
ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.4	0.0	38.8	
105	23.6	3.2	43.2	
51	28.5	8.8	48.8	

Manual Integrations
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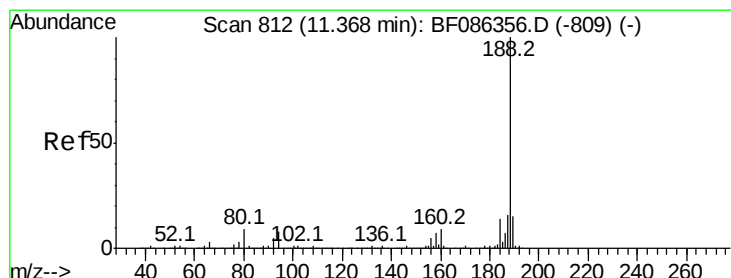
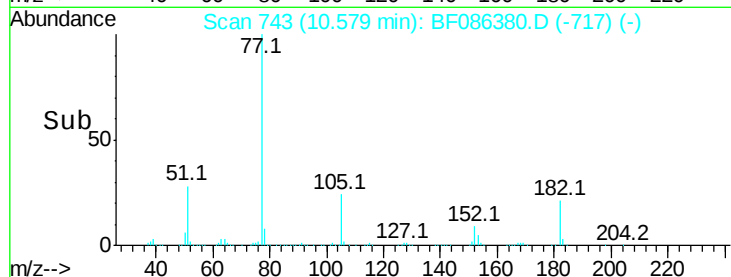
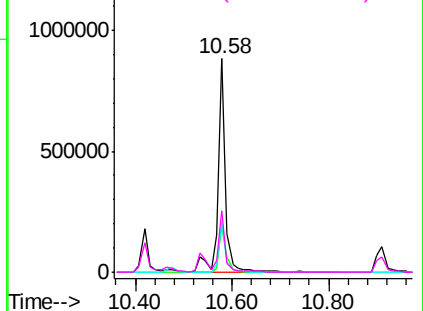


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

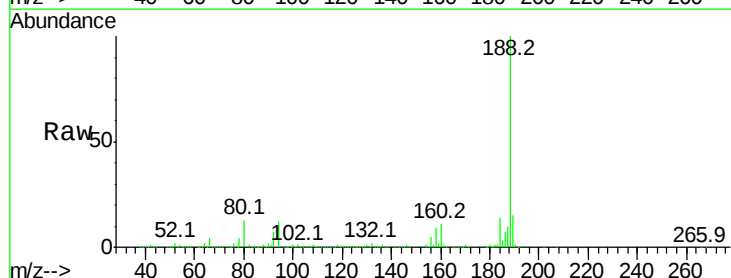
RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

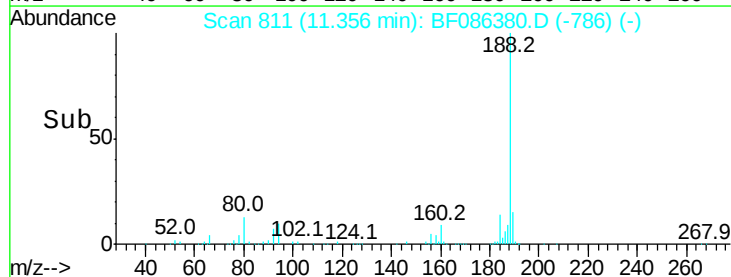
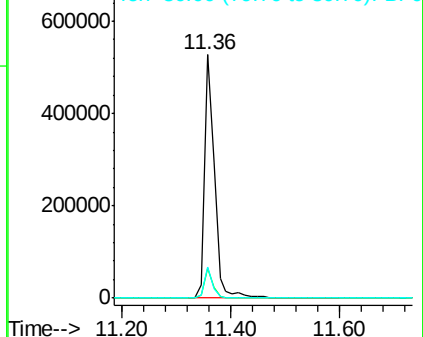
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.1	6.8	10.2#	
80	13.0	7.1	10.7#	

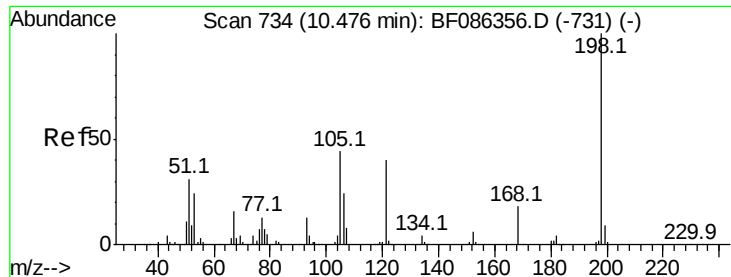


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.49 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:198 Resp: 58226

Ion Ratio Lower Upper

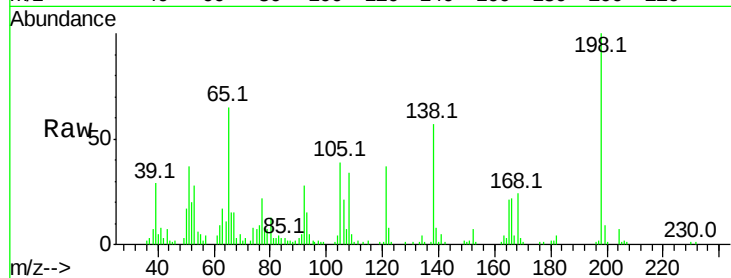
198 100

51 37.0 20.5 60.5

105 39.4 24.5 64.5

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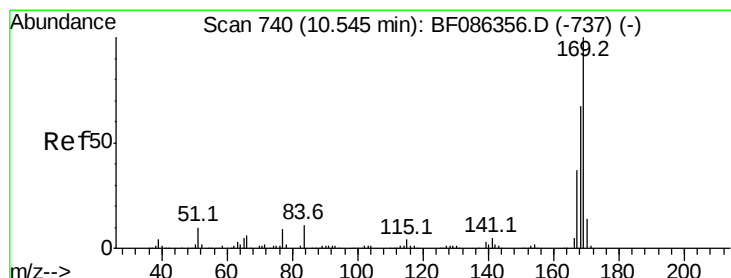
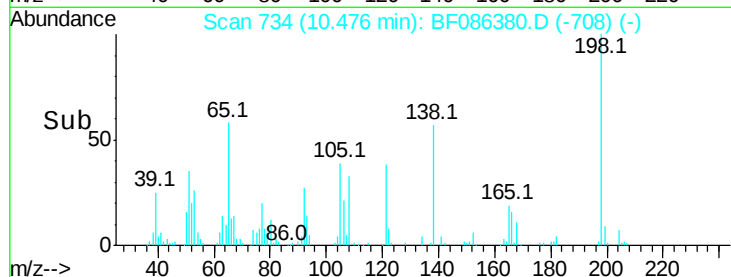
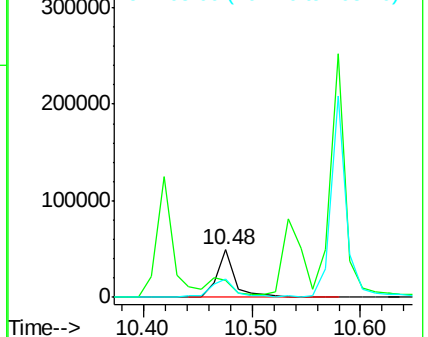
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.01 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

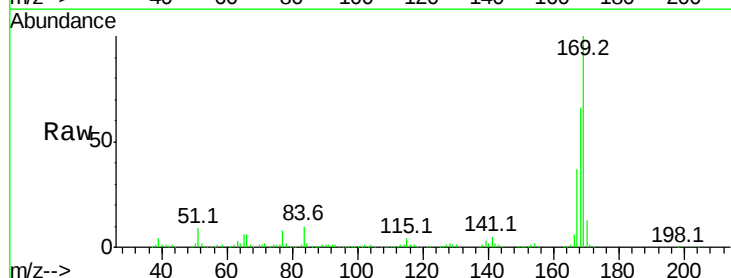
Tgt Ion:169 Resp: 750571

Ion Ratio Lower Upper

169 100

168 65.9 53.8 80.6

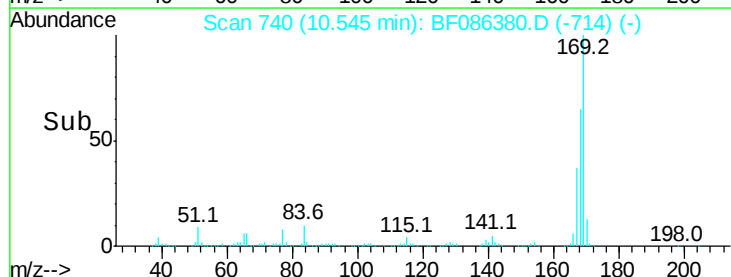
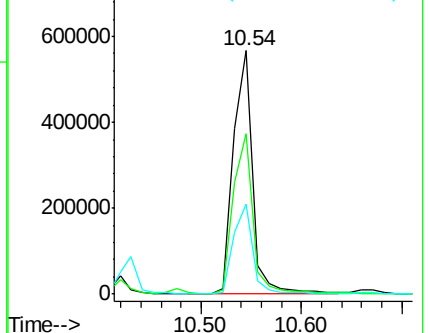
167 37.0 29.5 44.3

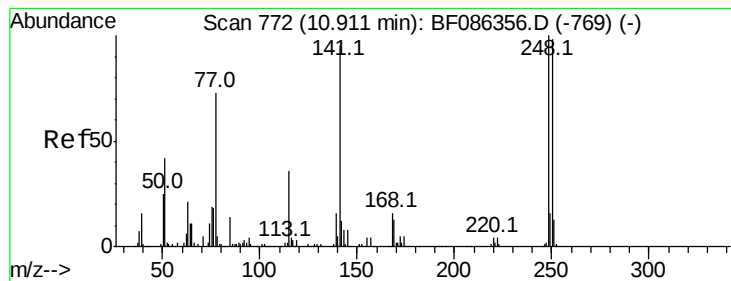


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





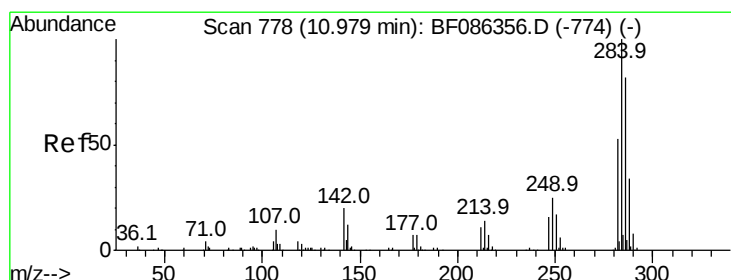
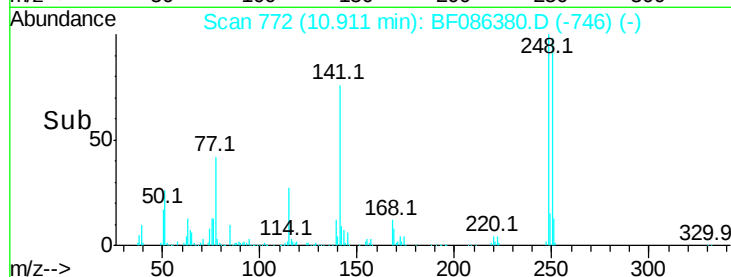
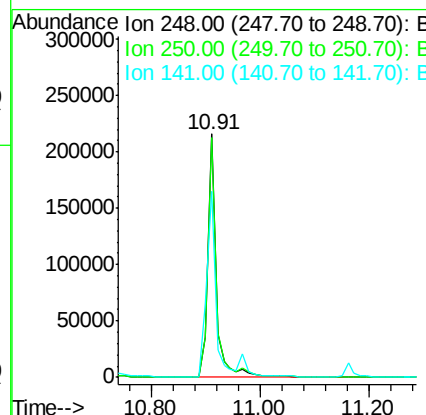
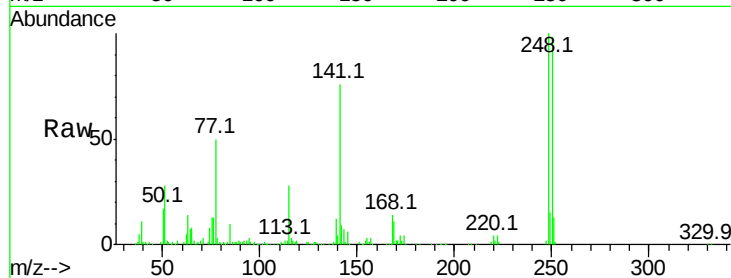
#66
4-Bromophenyl-phenylether
Concen: 36.52 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	76.1	76.0	114.0

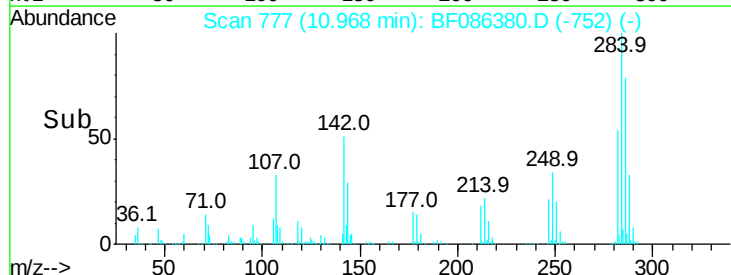
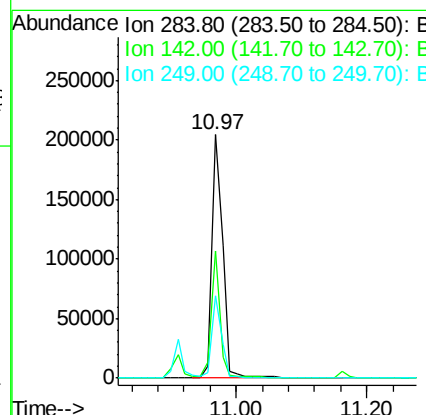
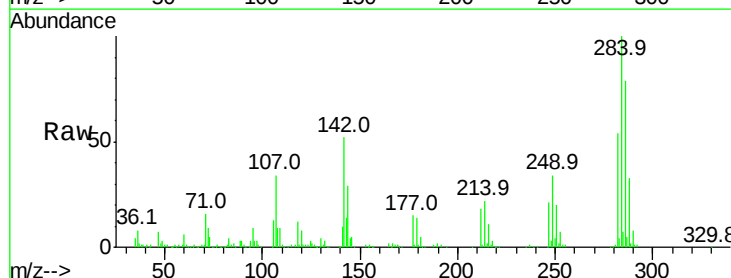
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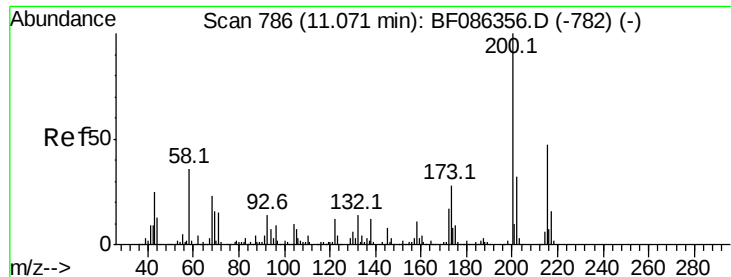
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#67
Hexachlorobenzene
Concen: 34.46 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.0	16.7	25.1#
249	34.0	21.3	31.9#





#68

Atrazine

Concen: 37.98 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

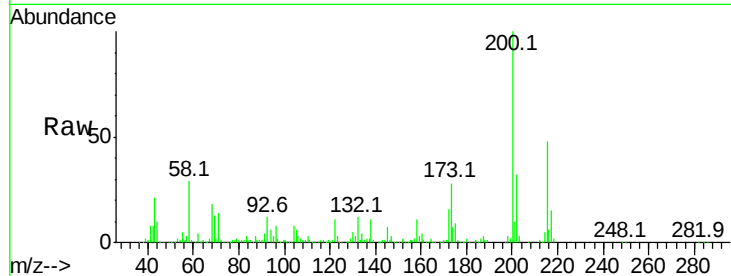
ClientSampleId :

WPG-B3(5-9)-CMS

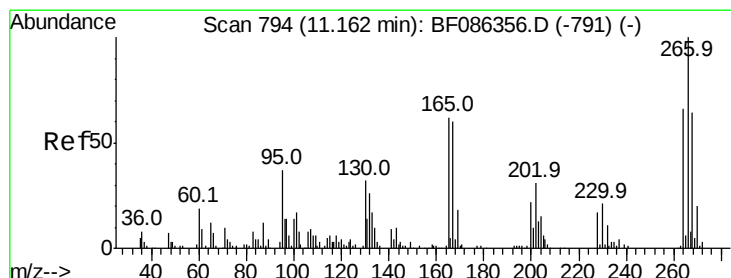
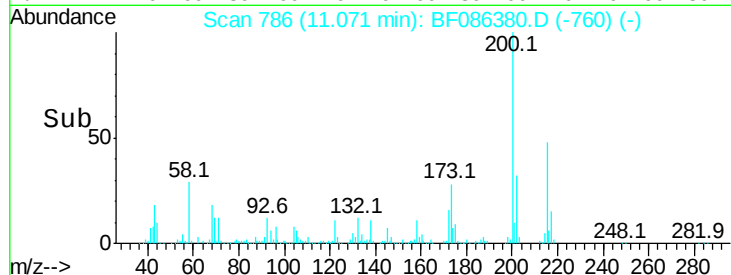
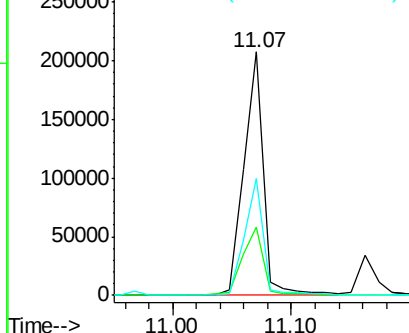
Tot Ion:	200	Resp:	237836
Ion Ratio	Lower	Upper	
200	100		
173	27.9	8.5	48.5
215	47.9	27.2	67.2

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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: 46.19 ng

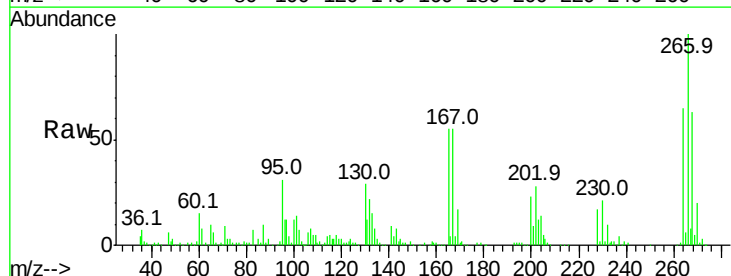
RT: 11.16 min Scan# 794

Delta R.T. 0.00 min

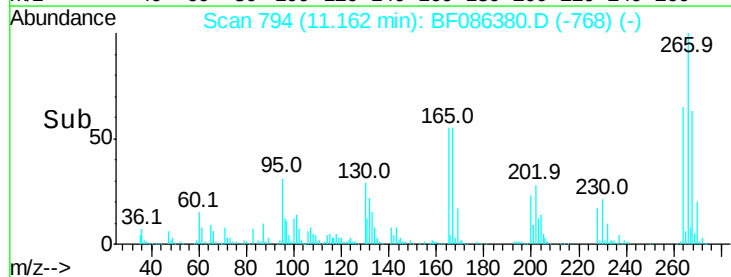
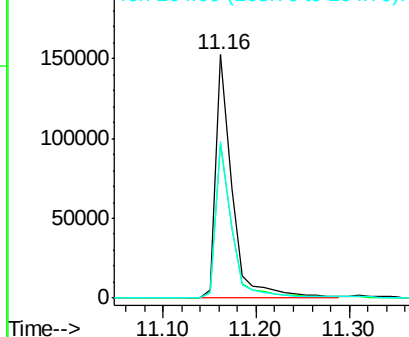
Lab File: BF086380.D

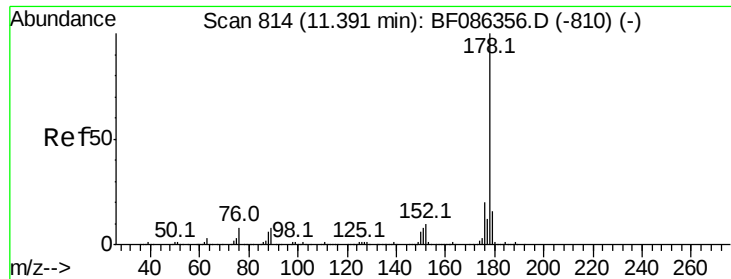
Acq: 23 Apr 2016 9:44

Tgt Ion:	266	Resp:	186389
Ion Ratio	Lower	Upper	
266	100		
268	63.3	51.5	77.3
264	64.5	52.9	79.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





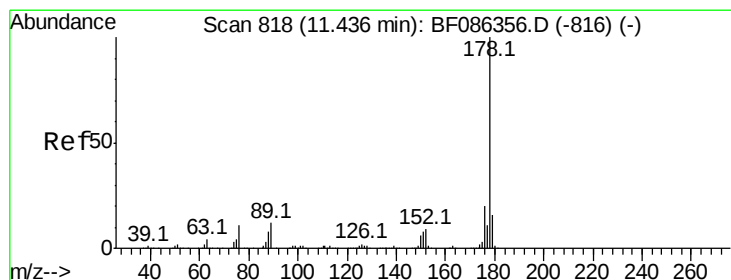
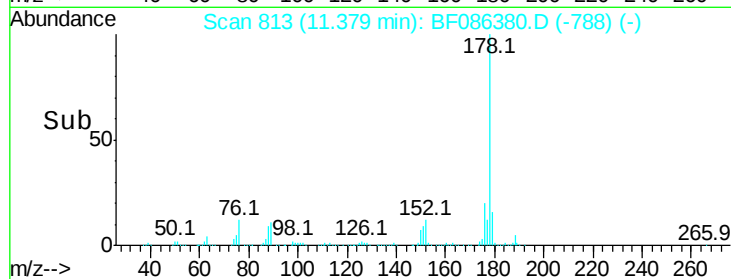
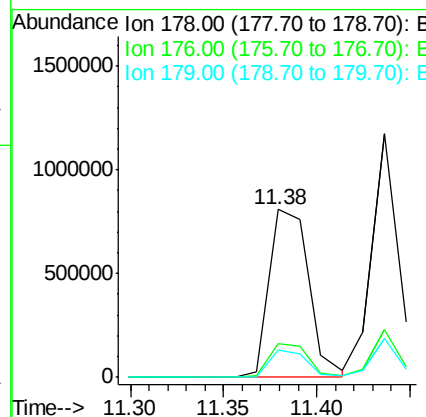
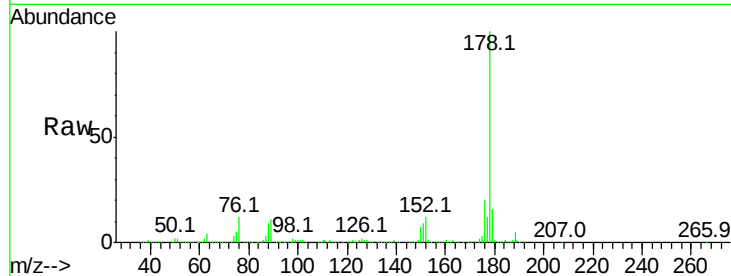
#70
Phenanthrene
Concen: 36.14 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion:178 Resp: 1194179
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.0 12.6 18.8

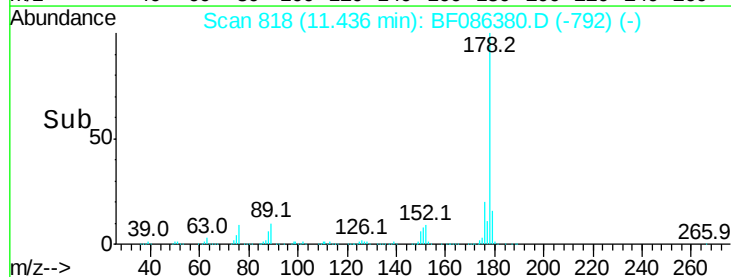
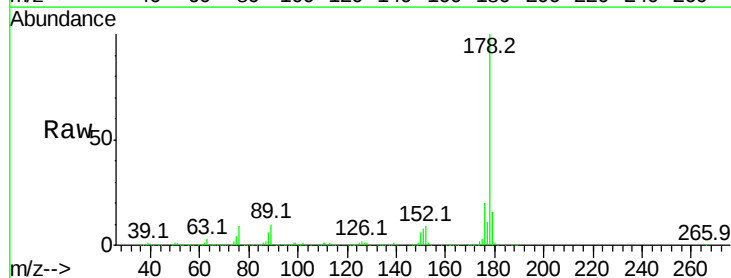
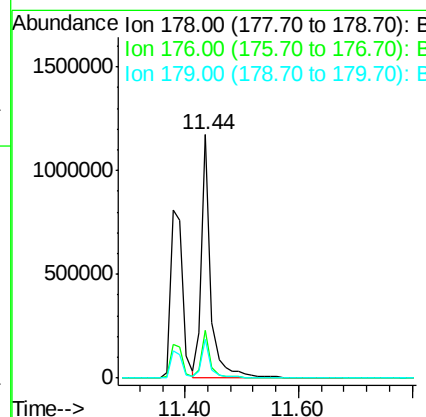
Manual Integrations
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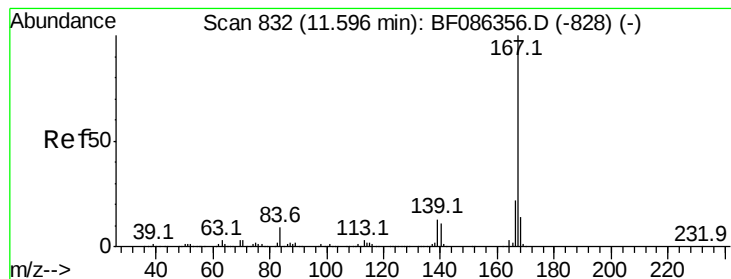
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#71
Anthracene
Concen: 34.81 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion:178 Resp: 1318129
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.7 19.1





#72
 Carbazole
 Concen: 37.17 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

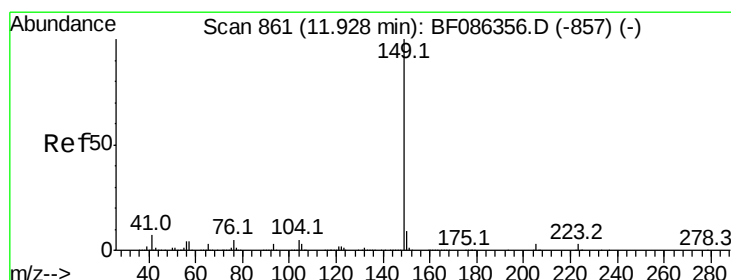
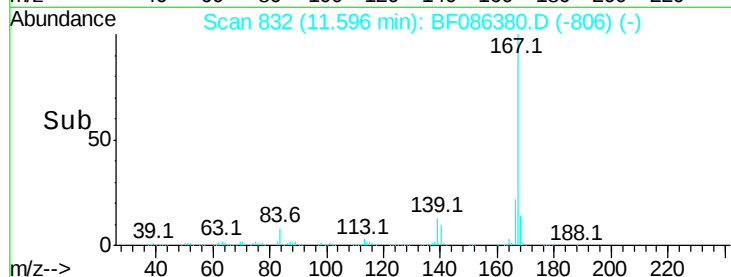
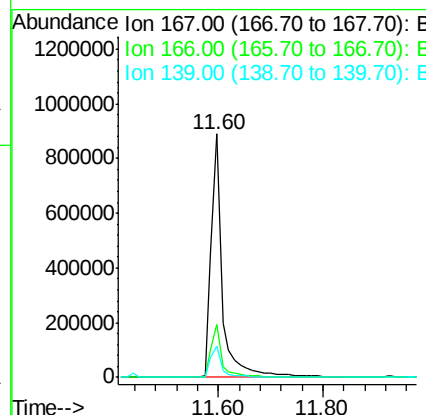
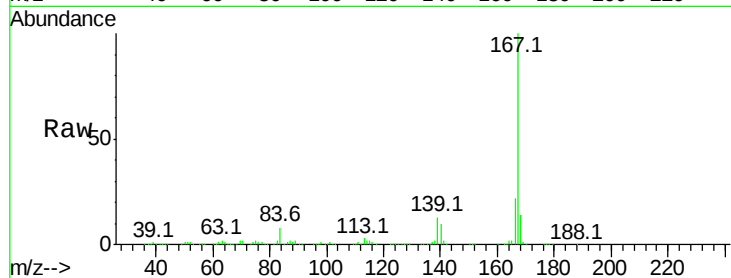
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

Tot Ion:167 Resp: 1321802

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.8	10.8	16.2

Manual Integrations
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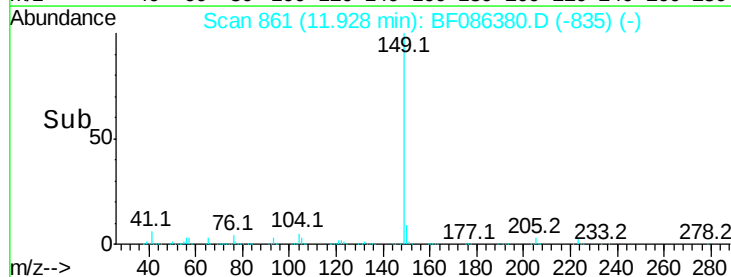
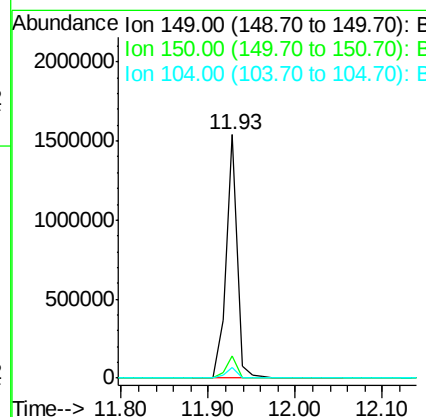
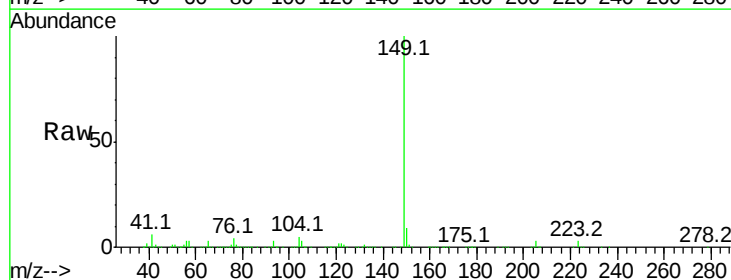
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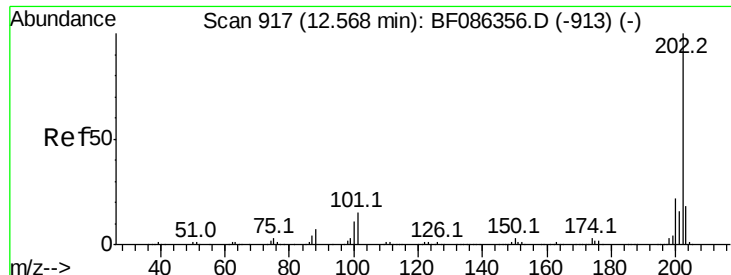


#73
 Di-n-butylphthalate
 Concen: 37.35 ng
 RT: 11.93 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Tgt Ion:149 Resp: 1397255

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.6	3.8	5.6





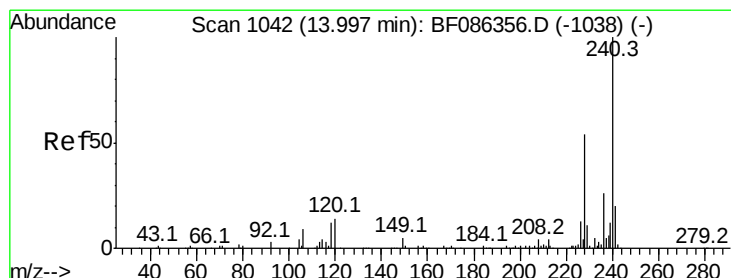
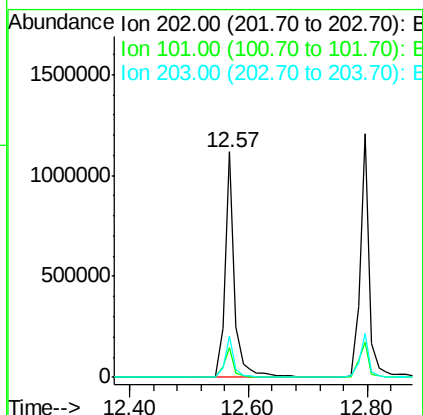
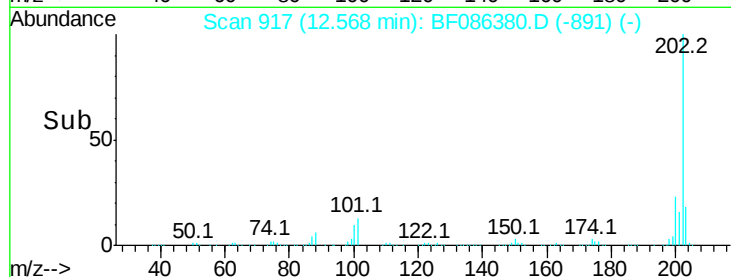
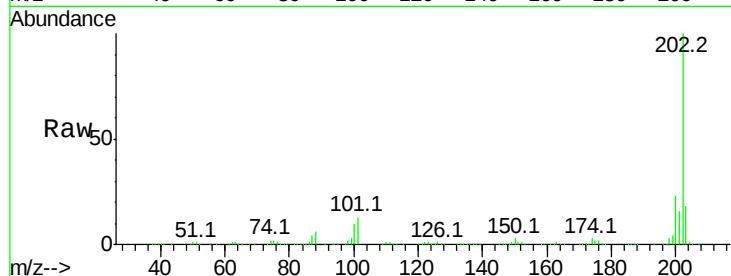
#74
Fluoranthene
 Concen: 35.07 ng
 RT: 12.57 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1249758		
101	13.3		0.0	35.4
203	18.3		0.0	38.1

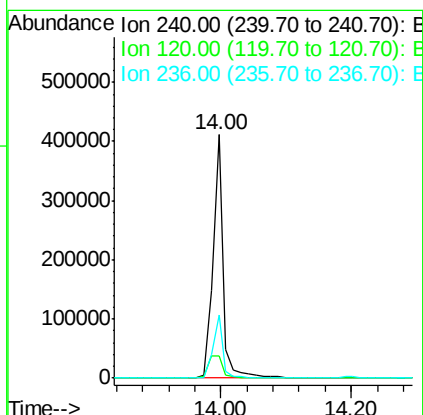
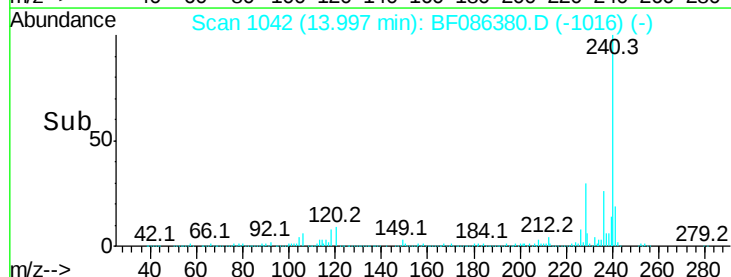
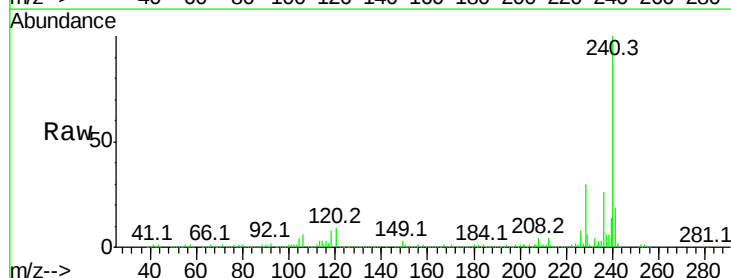
Manual Integrations
 APPROVED

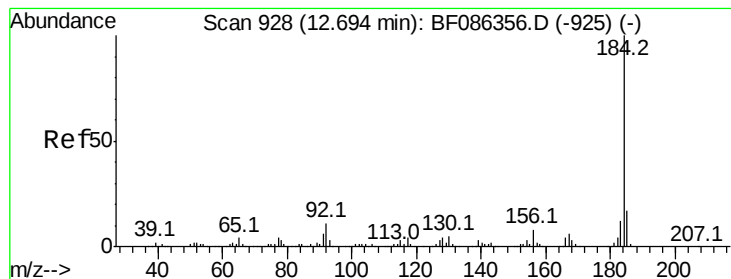
sohil
 4/25/2016 12:35:50 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	456485		
120	9.3		11.2	16.8#
236	26.1		21.2	31.8





#76

Benzidine

Concen: 24.61 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:184 Resp: 460779

Ion Ratio Lower Upper

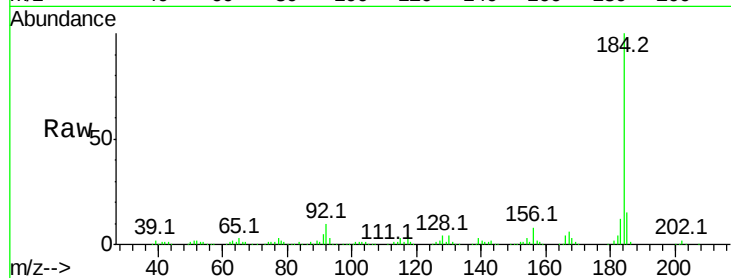
184 100

185 14.8 13.6 20.4

183 12.0 9.8 14.6

Manual Integrations
APPROVED

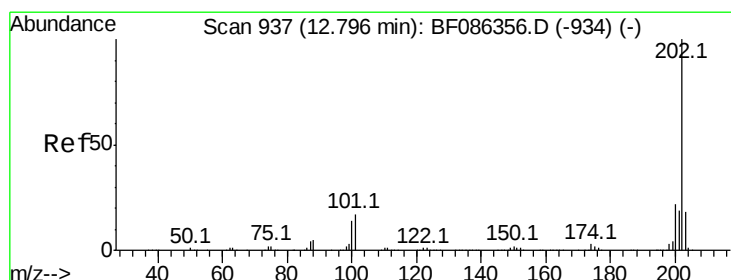
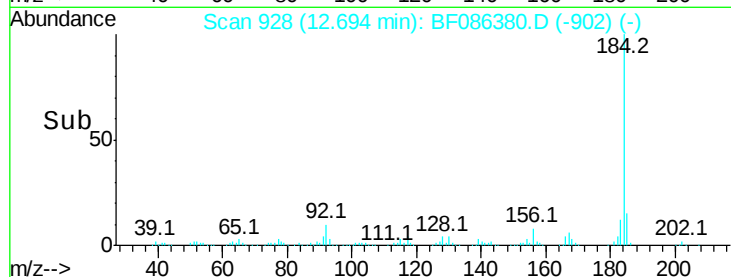
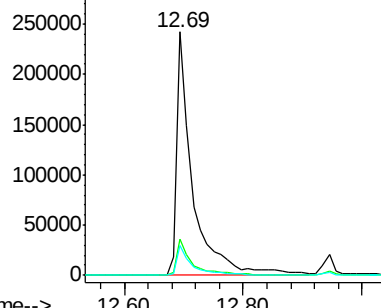
sohil
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 39.83 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

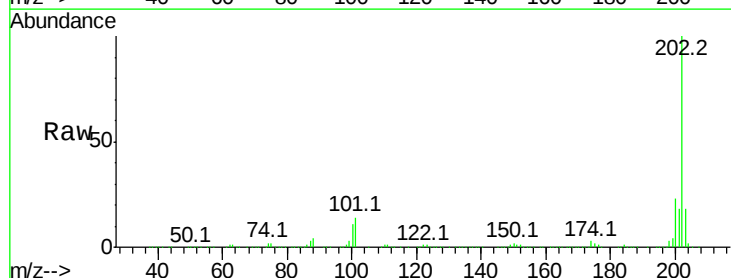
Tgt Ion:202 Resp: 1268152

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

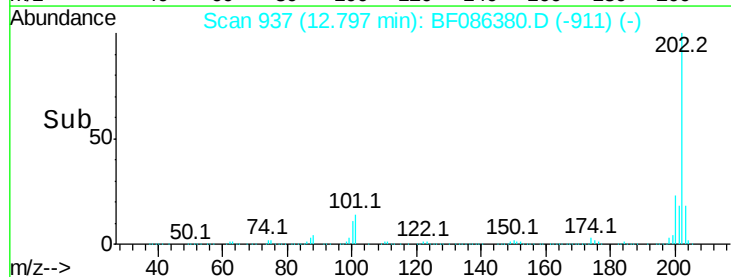
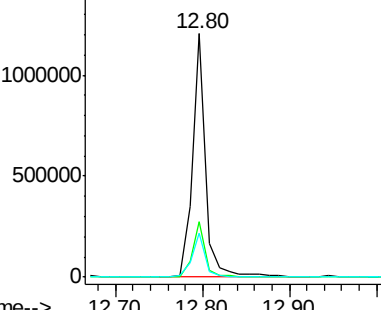
203 18.1 14.2 21.4

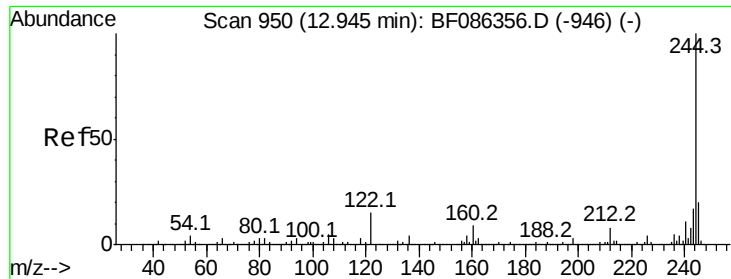


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





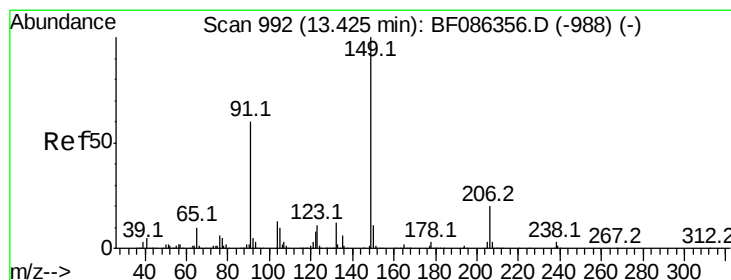
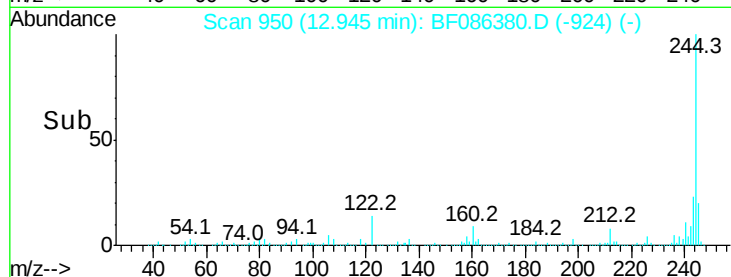
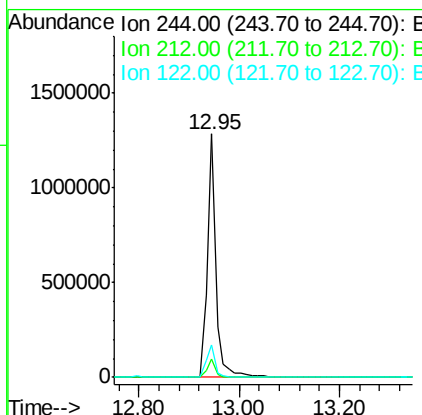
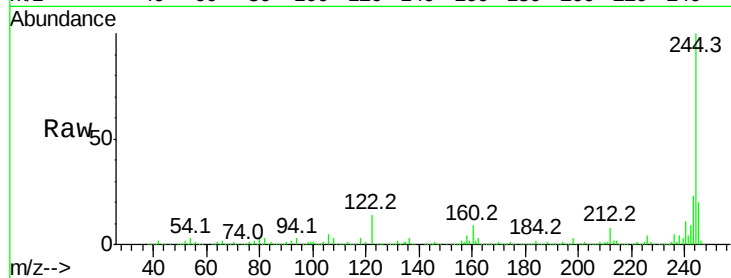
#78
 Terphenyl-d14
 Concen: 82.97 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMS

Tot Ion:244 Resp: 1524384
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.5 12.0 18.0

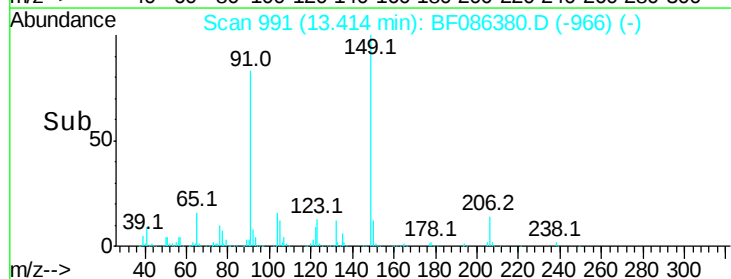
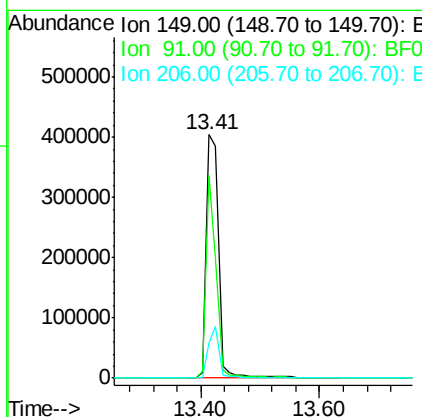
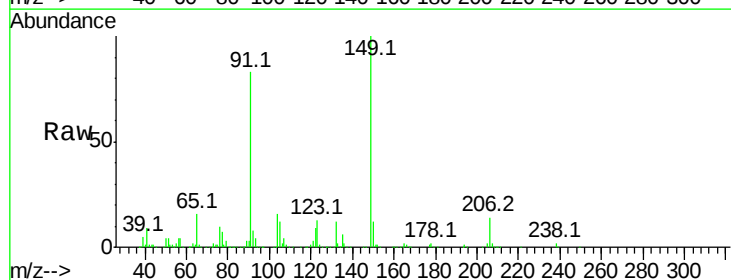
Manual Integrations
 APPROVED

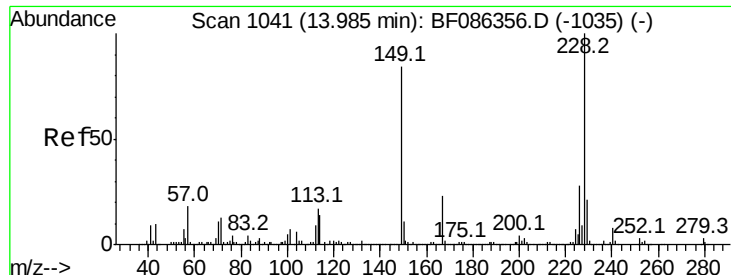
sohil
 4/25/2016 12:35:50 PM



#79
 Butylbenzylphthalate
 Concen: 39.80 ng
 RT: 13.41 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF086380.D
 Acq: 23 Apr 2016 9:44

Tgt Ion:149 Resp: 590299
 Ion Ratio Lower Upper
 149 100
 91 83.2 48.0 72.0#
 206 14.2 15.8 23.6#





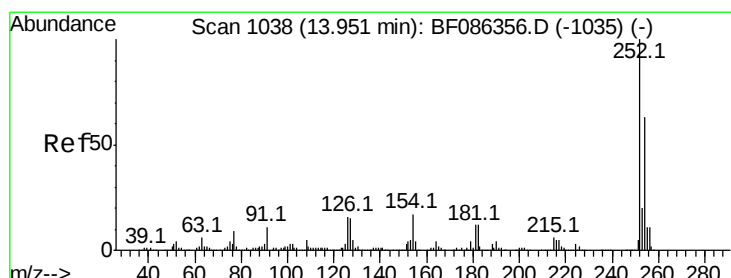
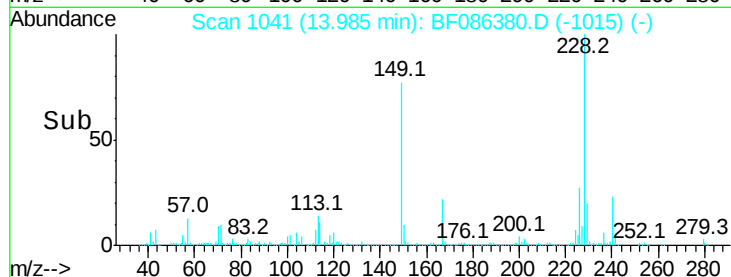
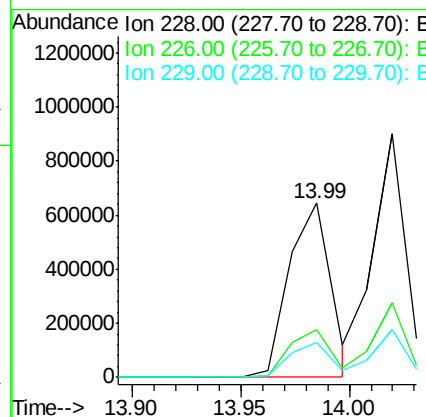
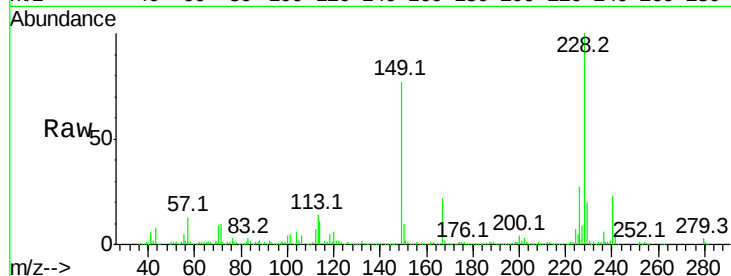
#80
Benzo(a)anthracene
Concen: 36.31 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	19.8	16.6	25.0

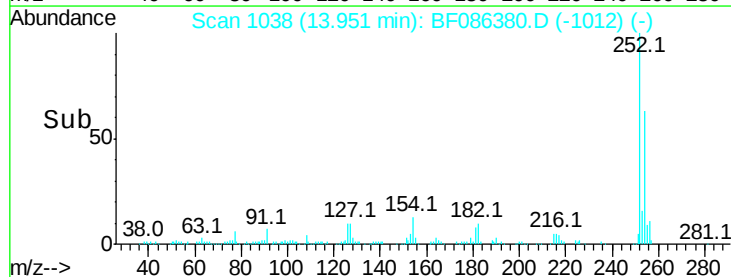
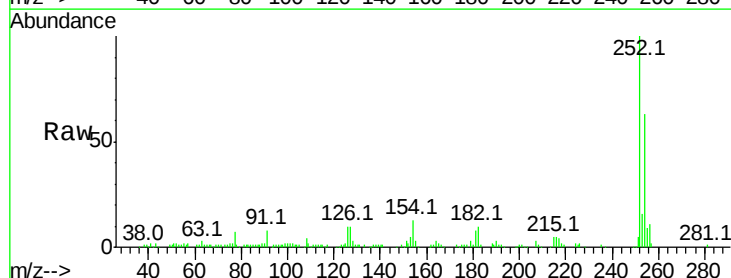
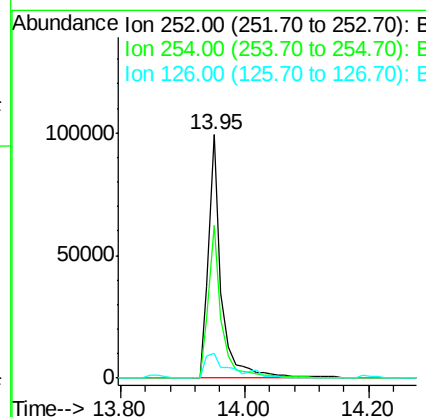
Manual Integrations
APPROVED

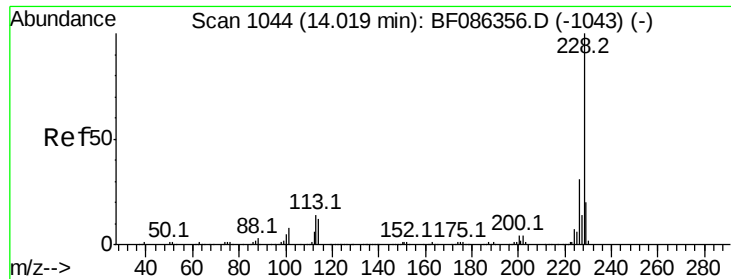
sohil
4/25/2016 12:35:50 PM



#81
3,3'-Dichlorobenzidine
Concen: 8.88 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.7	76.1
126	10.2	12.7	19.1#





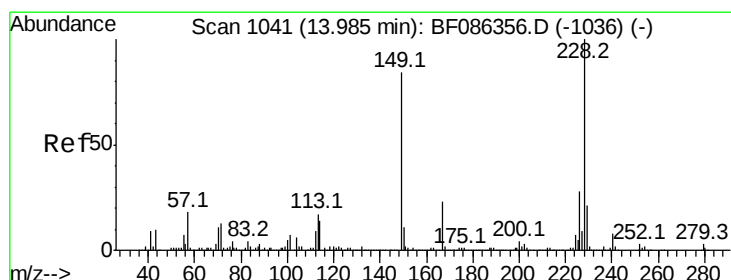
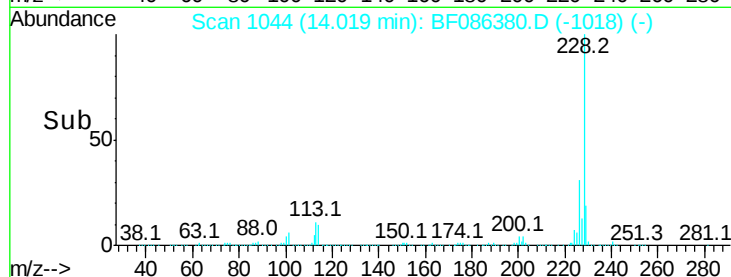
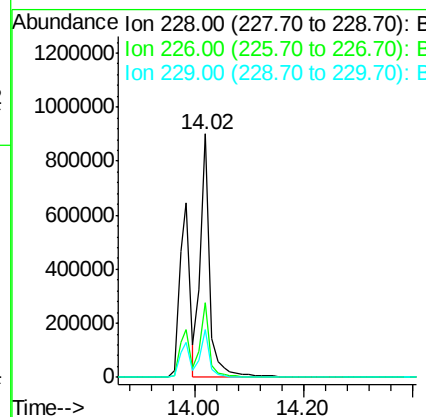
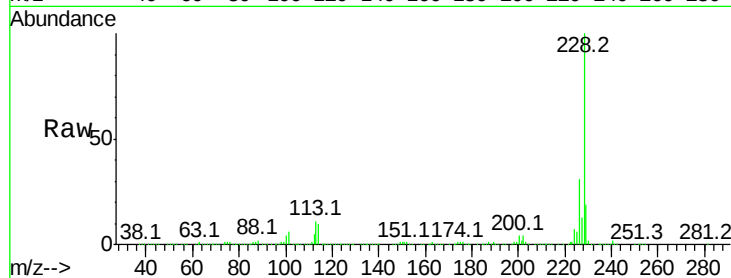
#82
Chrysene
Concen: 39.90 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.4	15.8	23.8

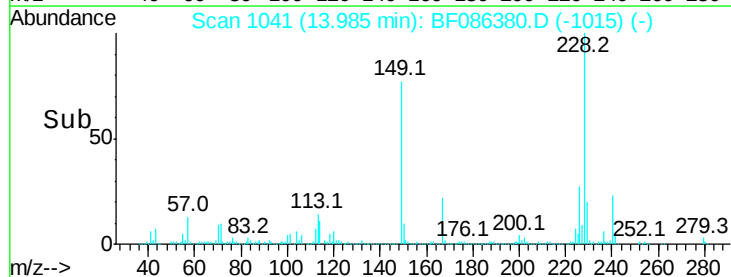
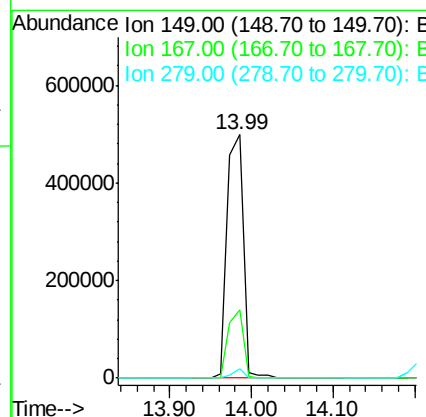
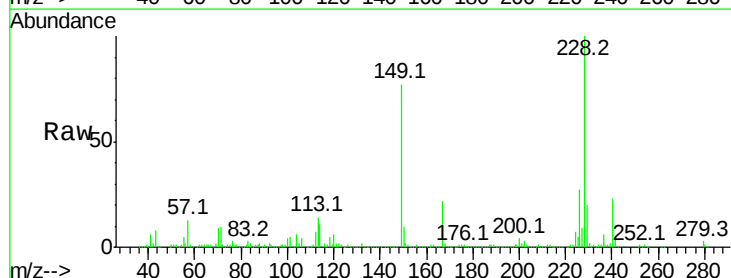
Manual Integrations
APPROVED

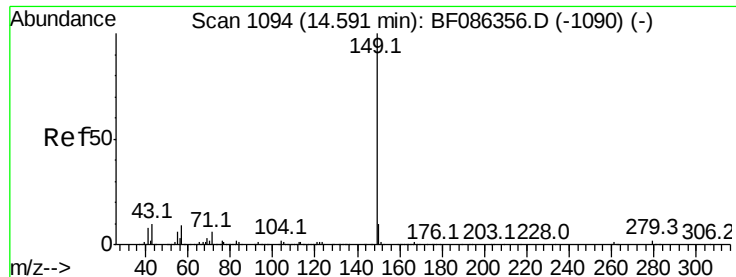
sohil
4/25/2016 12:35:50 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 40.80 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	4.0	2.6	4.0#





#84

Di-n-octyl phthalate

Concen: 39.44 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMS

Tot Ion:149 Resp: 1257327

Ion Ratio Lower Upper

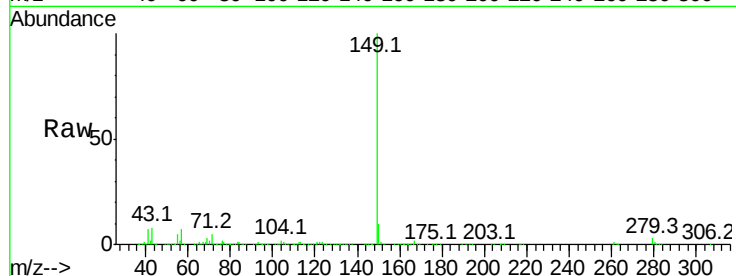
149 100

167 1.7 1.2 1.8

43 9.6 8.2 12.4

Manual Integrations
APPROVED

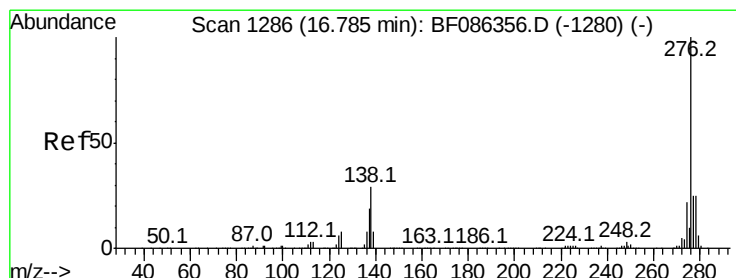
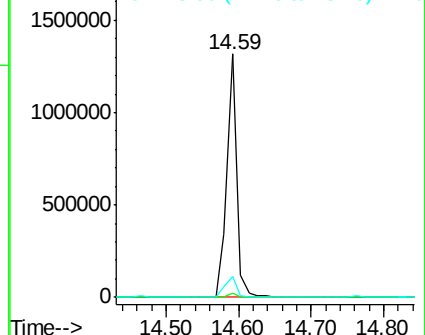
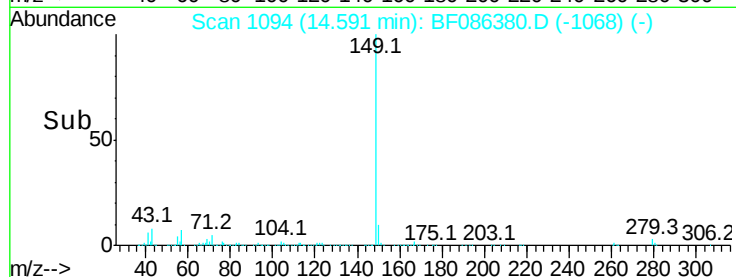
sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.36 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF086380.D

Acq: 23 Apr 2016 9:44

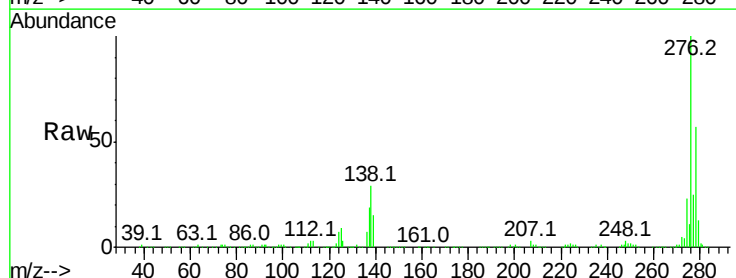
Tgt Ion:276 Resp: 863043

Ion Ratio Lower Upper

276 100

138 31.4 25.6 38.4

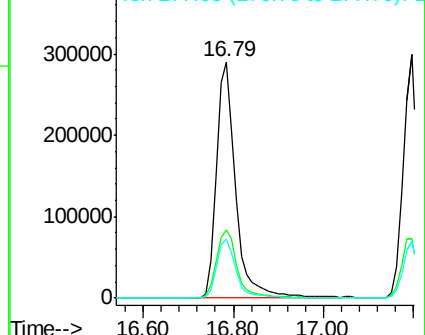
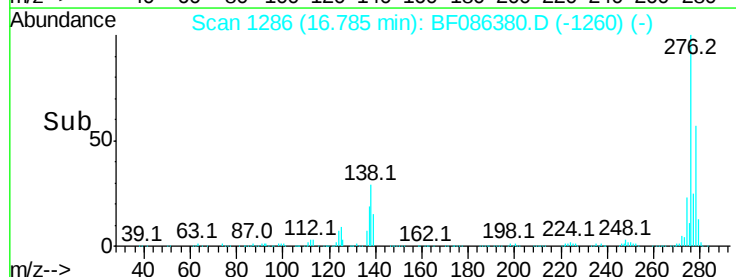
277 25.5 20.5 30.7

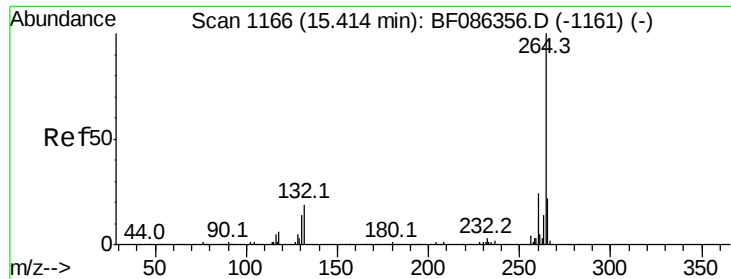


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





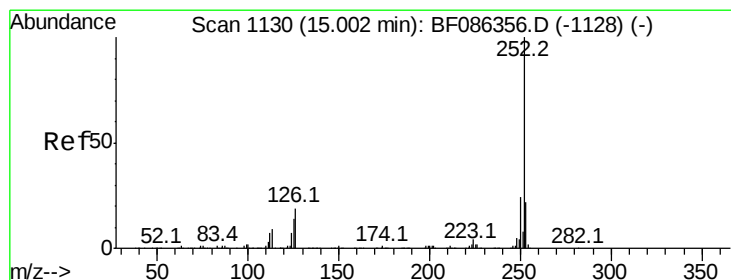
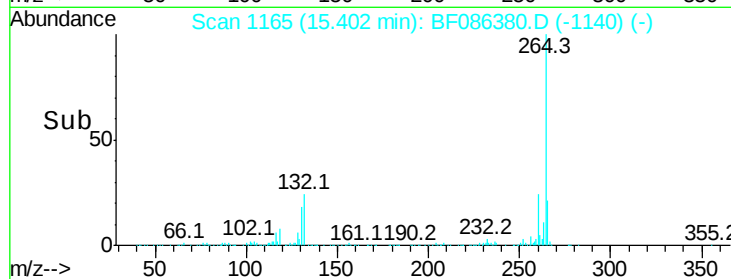
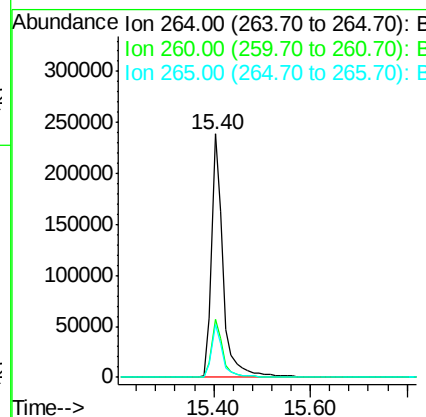
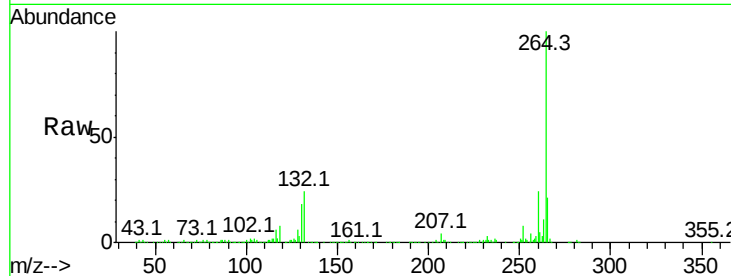
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.3	25.9

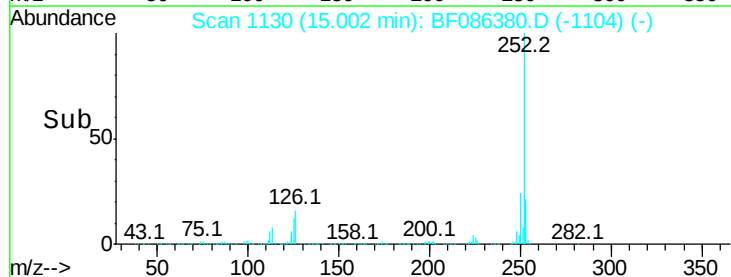
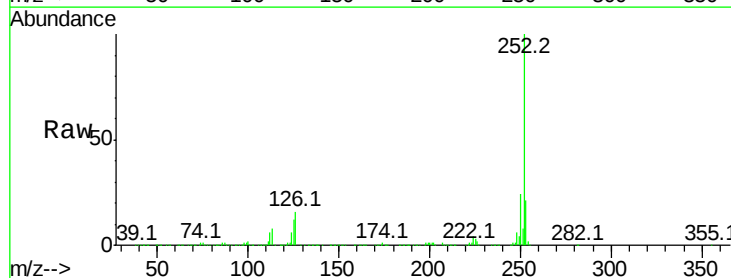
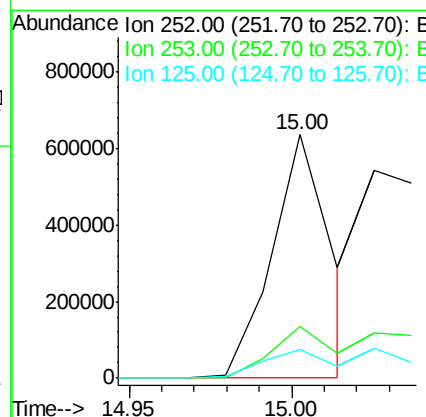
Manual Integrations
APPROVED

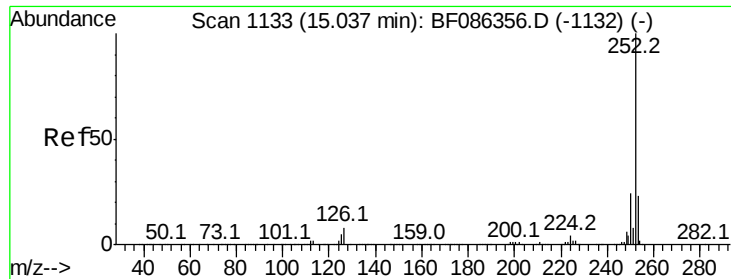
sohil
4/25/2016 12:35:50 PM



#87
Benzo(b)fluoranthene
Concen: 36.08 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	11.9	11.4	17.0





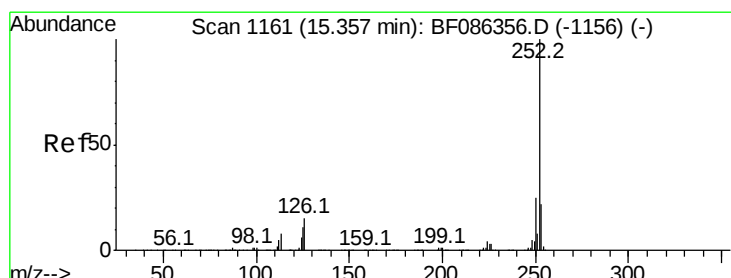
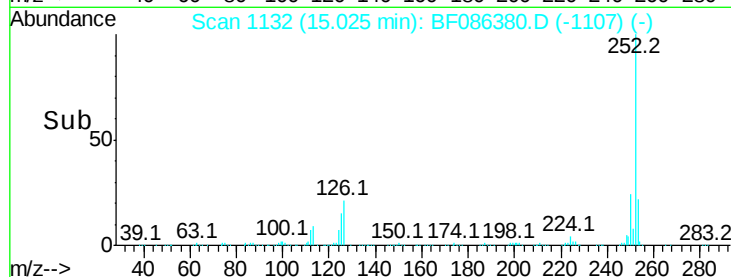
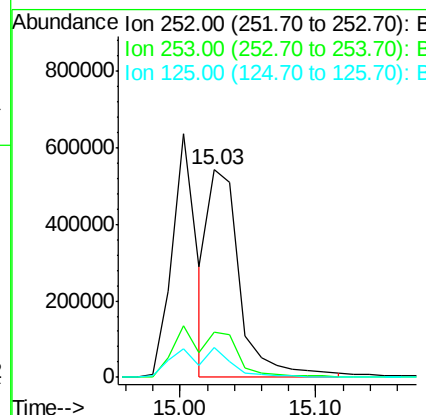
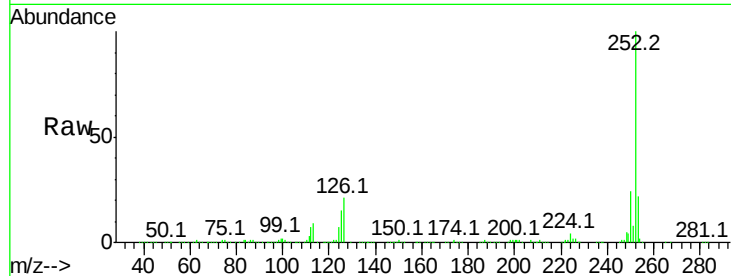
#88
Benzo(k)fluoranthene
Concen: 41.57 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	14.6	9.1	13.7

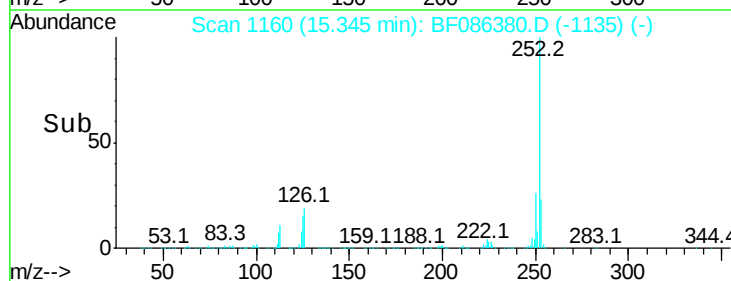
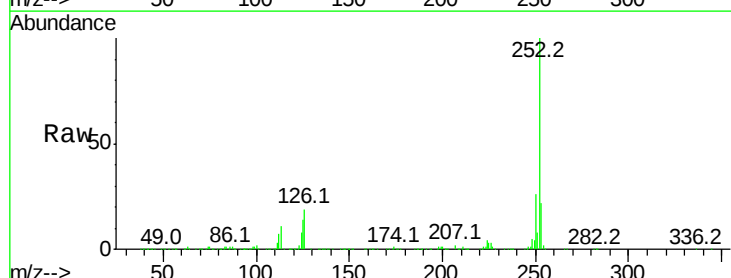
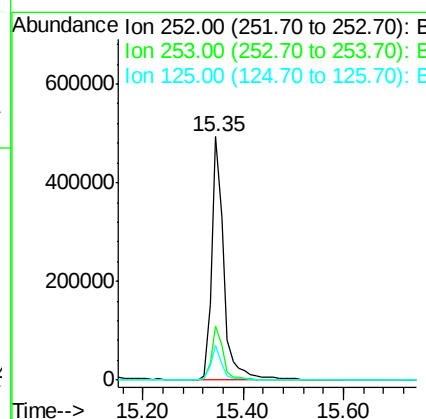
Manual Integrations
APPROVED

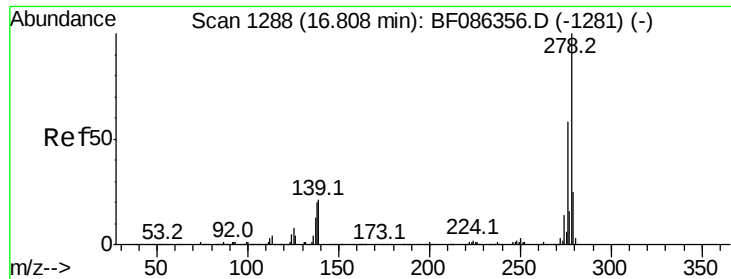
sohil
4/25/2016 12:35:50 PM



#89
Benzo(a)pyrene
Concen: 37.38 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	14.5	9.0	13.6





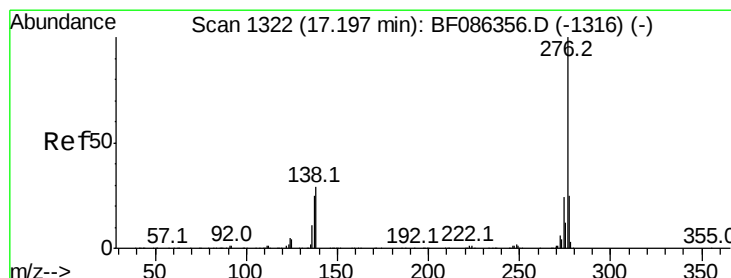
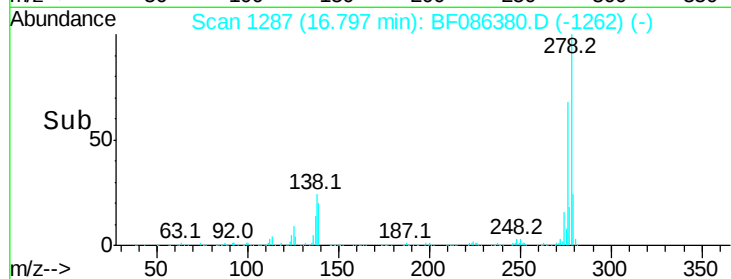
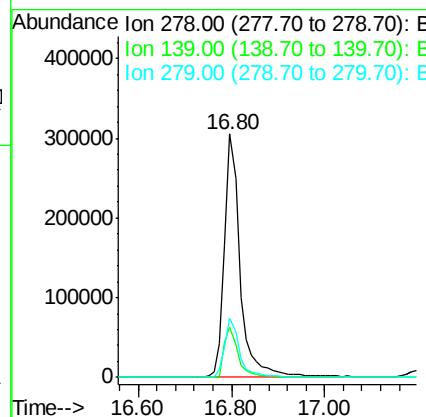
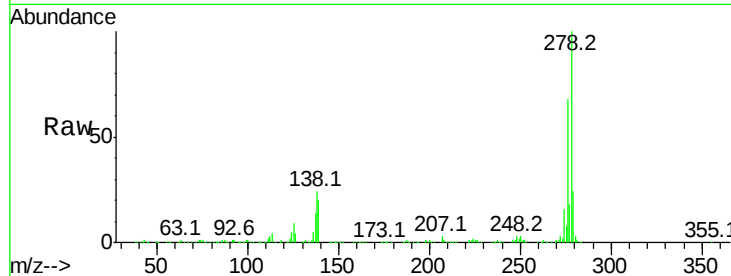
#90
Dibenzo(a,h)anthracene
Concen: 39.72 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.6	24.8
279	24.2	19.6	29.4

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:50 PM



#91
Benzo(g,h,i)perylene
Concen: 39.63 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF086380.D
Acq: 23 Apr 2016 9:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	24.5	23.6	35.4

