

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086381.D
 Acq On : 23 Apr 2016 10:13
 Operator : UM/SJ
 Sample : H2640-29MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:36:54 PM

Quant Time: Apr 25 11:35:57 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	162816	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	679438	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	334149	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	628182	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	425394	20.00	ng	0.00
86) Perylene-d12	15.40	264	377322	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1303580	138.27	ng	0.02
7) Phenol-d6	6.49	99	1811969	141.37	ng	0.01
23) Nitrobenzene-d5	7.41	82	1142942	99.65	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	405458	134.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1860326	95.01	ng	0.00
78) Terphenyl-d14	12.95	244	1645868	96.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	194138	37.24	ng	97
3) Pyridine	3.20	79	488425	39.32	ng	93
4) n-Nitrosodimethylamine	3.14	42	220887	46.87	ng	97
6) Aniline	6.51	93	352744	22.55	ng	94
8) 2-Chlorophenol	6.62	128	515068	44.75	ng	94
9) Benzaldehyde	6.38	77	106425	13.67	ng	92
10) Phenol	6.50	94	682252	45.08	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	520173	39.48	ng	98
12) 1,3-Dichlorobenzene	6.78	146	568622	46.32	ng	97
13) 1,4-Dichlorobenzene	6.86	146	579364	42.97	ng	99
14) 1,2-Dichlorobenzene	7.01	146	535933	43.74	ng	98
15) Benzyl Alcohol	6.99	79	421552	55.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	698780	40.46	ng	99
17) 2-Methylphenol	7.10	107	456874	48.44	ng	97
18) Hexachloroethane	7.36	117	202963	44.69	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	360262	47.03	ng	94
20) 3+4-Methylphenols	7.25	107	481108	48.12	ng	# 90
22) Acetophenone	7.25	105	690222	48.42	ng	97
24) Nitrobenzene	7.42	77	525865	42.74	ng	97
25) Isophorone	7.66	82	972815	43.28	ng	99
26) 2-Nitrophenol	7.74	139	309445	50.91	ng	98
27) 2,4-Dimethylphenol	7.79	122	533550	51.26	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	635811	50.66	ng	99
29) 2,4-Dichlorophenol	7.98	162	455826	52.98	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	454991	48.68	ng	96
31) Naphthalene	8.14	128	1564253	45.19	ng	99
33) 4-Chloroaniline	8.20	127	152474	11.31	ng	98
34) Hexachlorobutadiene	8.27	225	229141	49.10	ng	98
35) Caprolactam	8.57	113	147392m	47.74	ng	
36) 4-Chloro-3-methylphenol	8.69	107	516390	50.50	ng	90
37) 2-Methylnaphthalene	8.84	142	1024099	51.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	374015	43.26	ng	99
40) Hexachlorocyclopentadiene	8.99	237	383434	90.81	ng	95
42) 2,4,6-Trichlorophenol	9.12	196	283205	49.96	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	329210	47.17	nq	# 93
45) 1,1'-Biphenyl	9.31	154	1211408	46.73	nq	99
46) 2-Chloronaphthalene	9.33	162	966675	47.11	nq	98
47) 2-Nitroaniline	9.42	65	322167	50.42	nq	98
48) Acenaphthylene	9.74	152	1561341	46.93	nq	99
49) Dimethylphthalate	9.61	163	1223153	50.67	nq	99
50) 2,6-Dinitrotoluene	9.66	165	241945	46.40	nq	98
51) Acenaphthene	9.92	154	948638	46.42	nq	99
52) 3-Nitroaniline	9.84	138	187269	28.69	nq	97
53) 2,4-Dinitrophenol	9.94	184	71945	26.54	nq	92
54) Dibenzofuran	10.09	168	1350630	51.46	nq	100
55) 4-Nitrophenol	10.01	139	450972	98.73	nq	96
56) 2,4-Dinitrotoluene	10.08	165	343483	49.61	nq	# 73
57) Fluorene	10.43	166	1011174	47.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	263487	51.65	nq	98
59) Diethylphthalate	10.30	149	1029819	44.55	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	408351	43.41	nq	99
61) 4-Nitroaniline	10.45	138	313741	46.96	nq	94
62) Azobenzene	10.58	77	1160472	48.41	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	125990	32.82	nq	94
65) n-Nitrosodiphenylamine	10.54	169	939190	48.49	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	283844	46.15	nq	93
67) Hexachlorobenzene	10.97	284	292754	44.61	nq	# 60
68) Atrazine	11.07	200	278600	46.58	nq	97
69) Pentachlorophenol	11.16	266	310118	80.47	nq	97
70) Phenanthrene	11.39	178	1485449	47.06	nq	100
71) Anthracene	11.44	178	1580854	43.71	nq	100
72) Carbazole	11.60	167	1626541	47.88	nq	99
73) Di-n-butylphthalate	11.93	149	1655562	46.33	nq	100
74) Fluoranthene	12.57	202	1491480	43.81	nq	98
76) Benzidine	12.69	184	570580	32.71	nq	97
77) Pyrene	12.80	202	1508606	50.85	nq	99
79) Butylbenzylphthalate	13.43	149	735872	53.24	nq	91
80) Benzo(a)anthracene	13.99	228	1030683	46.67	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	156032	10.24	nq	# 97
82) Chrysene	14.02	228	1250006	50.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	844448	54.57	nq	# 98
84) Di-n-octyl phthalate	14.59	149	1517182	51.07	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1088924	49.23	nq	99
87) Benzo(b)fluoranthene	15.00	252	957973	46.25	nq	98
88) Benzo(k)fluoranthene	15.04	252	1113848m	54.79	nq	
89) Benzo(a)pyrene	15.35	252	1001461	49.02	nq	# 95
90) Dibenzo(a,h)anthracene	16.81	278	898218	53.29	nq	95
91) Benzo(q,h,i)perylene	17.20	276	916550	52.68	nq	99

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

```

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Misc      :
ALS Vial  : 28      Sample Multiplier: 1

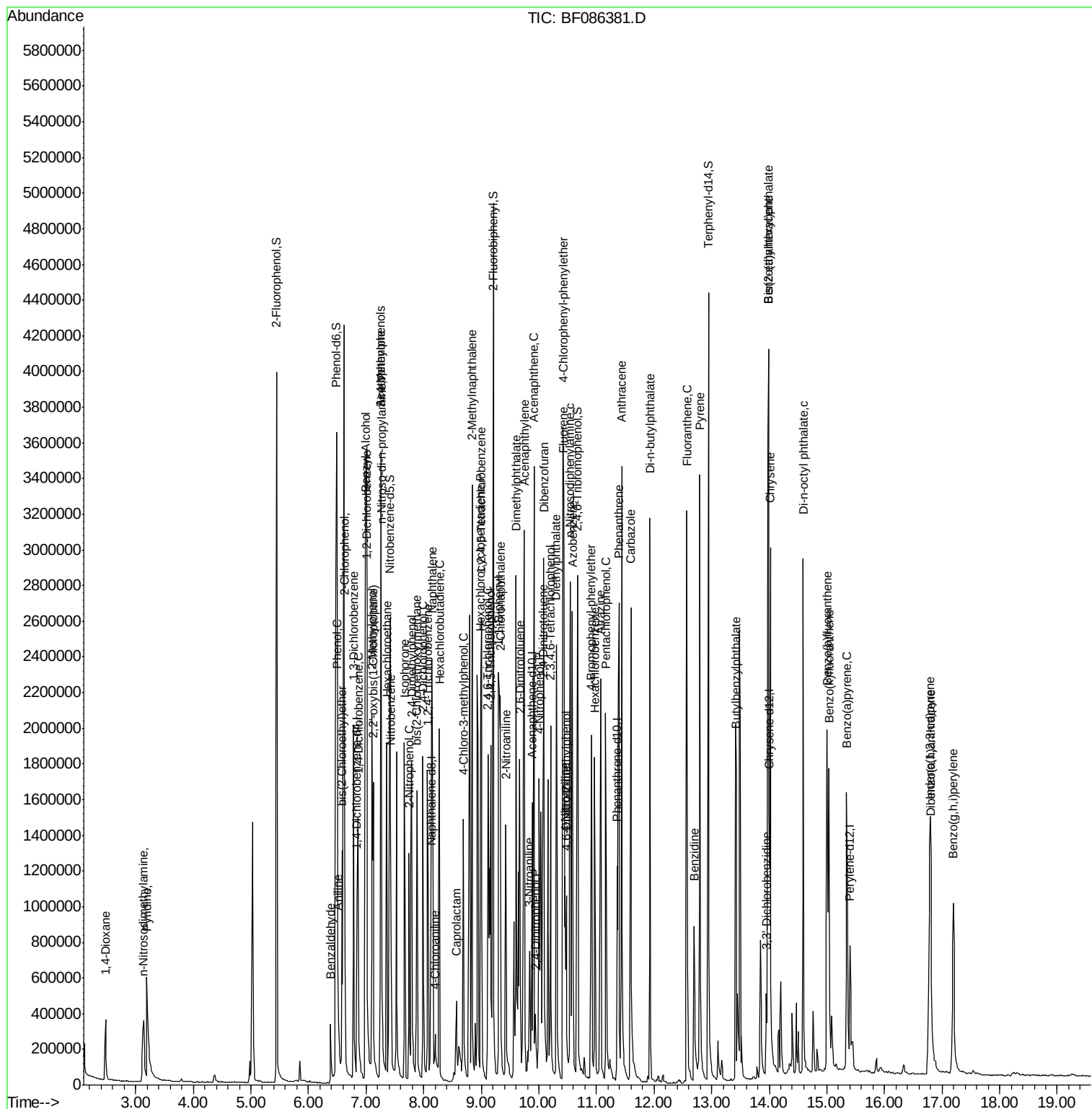
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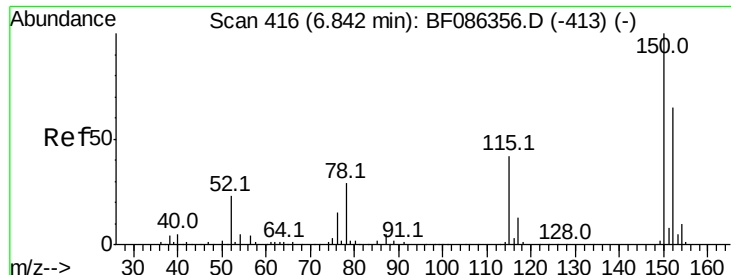
Instrument :
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#1

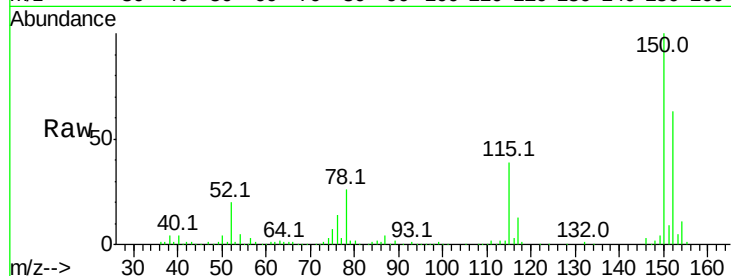
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086381.D
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Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

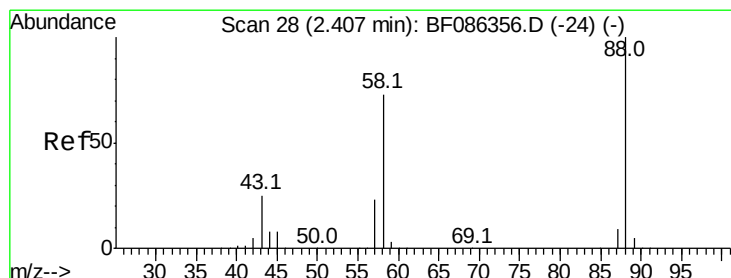
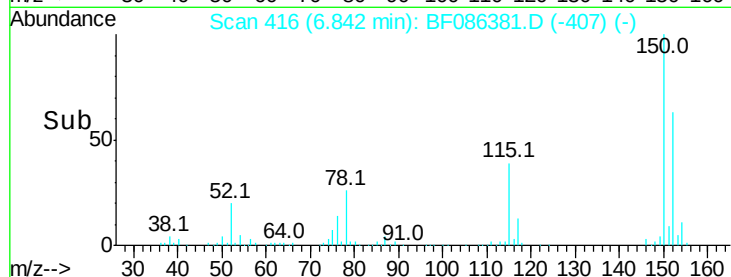
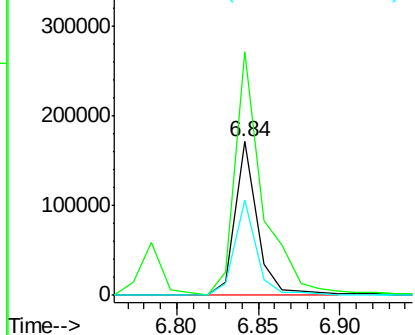
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.8	188.6
115	62.3	51.5	77.3

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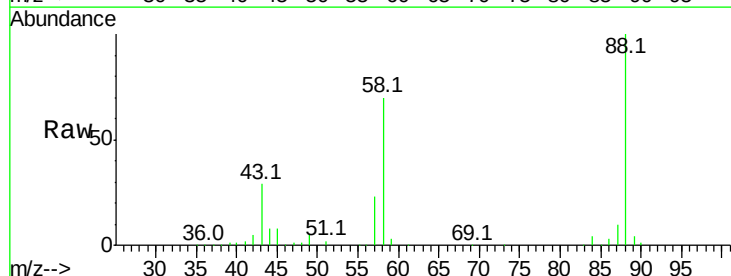
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



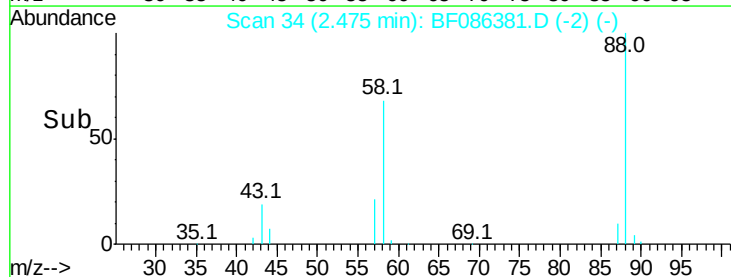
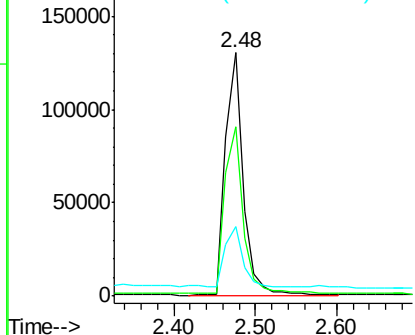
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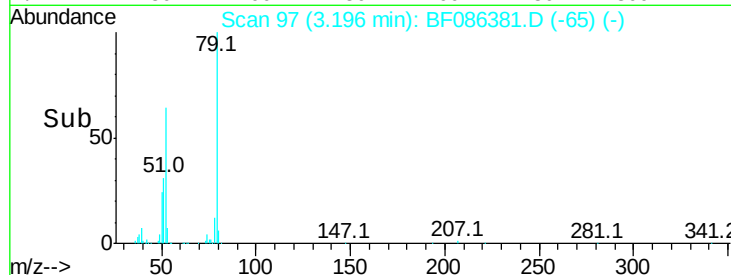
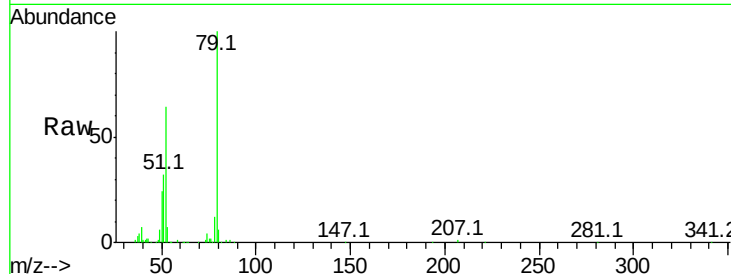
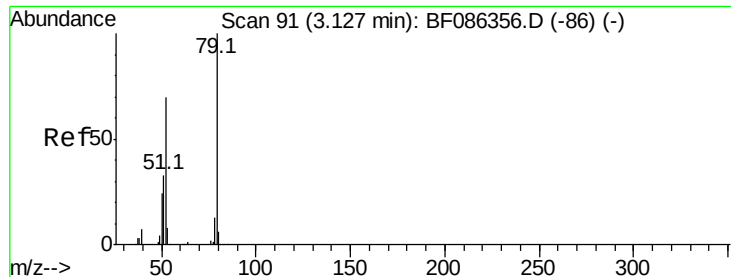
1,4-Dioxane
Concen: 37.24 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.07 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	59.6	89.4
43	25.7	21.8	32.6



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





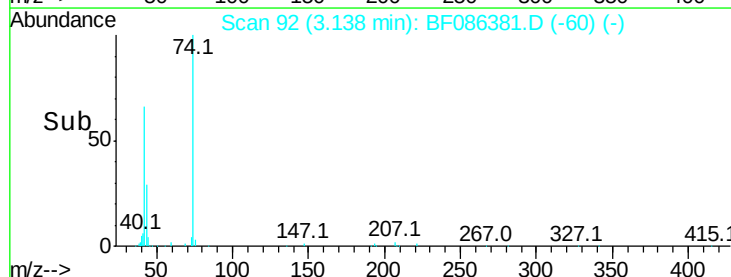
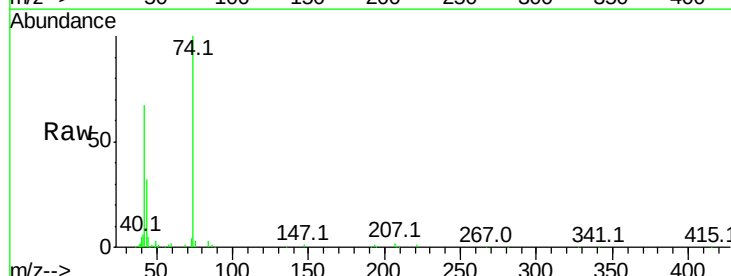
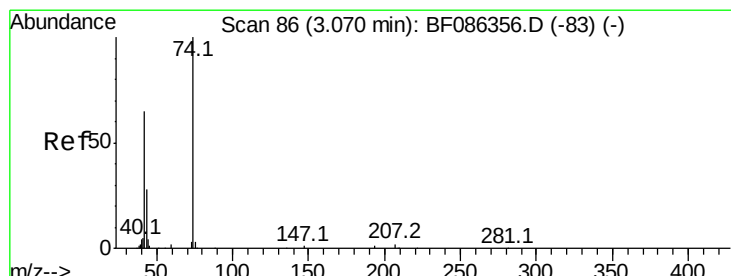
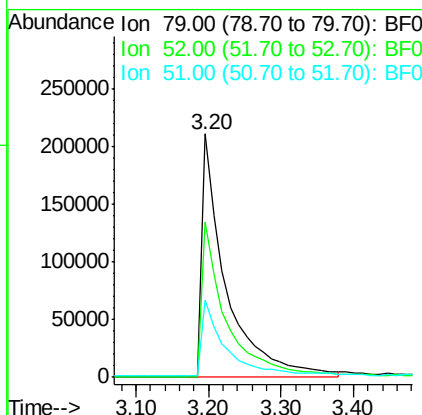
#3
Pvridine
Concen: 39.32 ng
RT: 3.20 min Scan# 97
Delta R.T. 0.07 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	55.9	83.9
51	31.9	28.1	42.1

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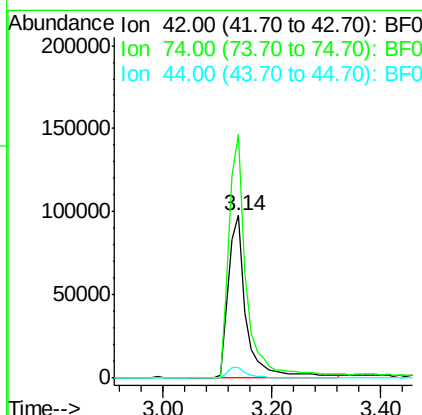
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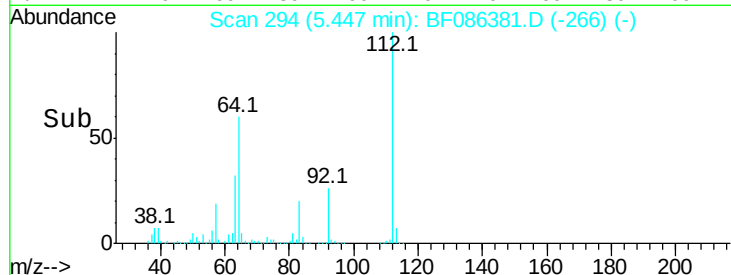
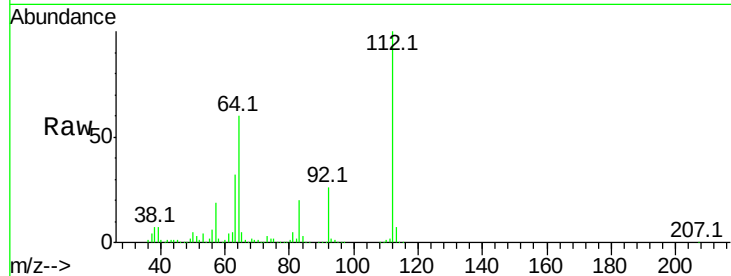
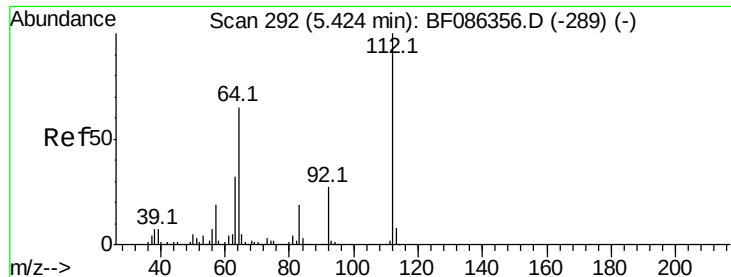
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#4
n-Nitrosodimethylamine
Concen: 46.87 ng
RT: 3.14 min Scan# 92
Delta R.T. 0.07 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.6	123.4	185.0
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 138.27 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

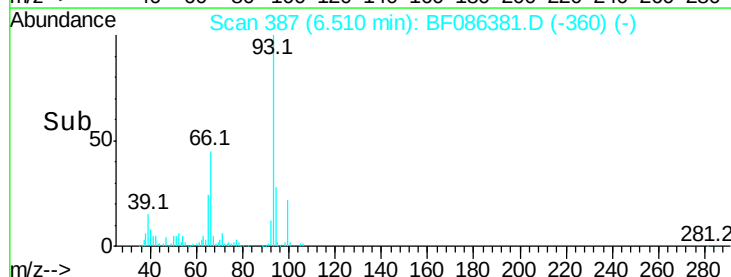
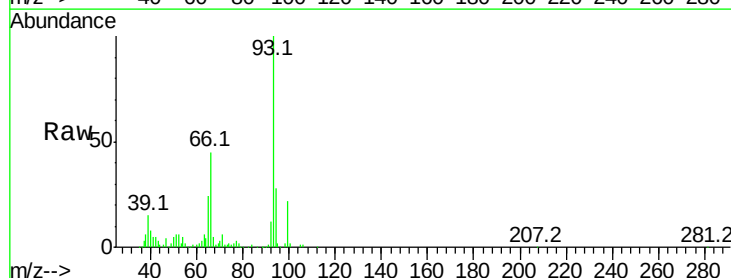
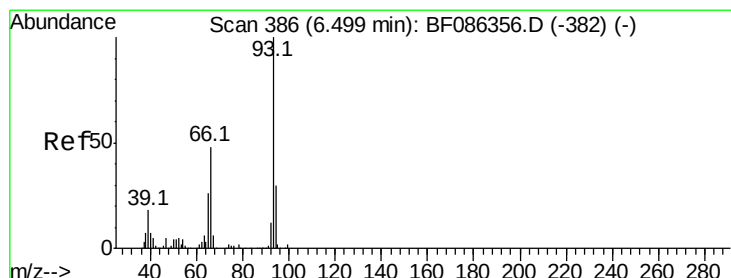
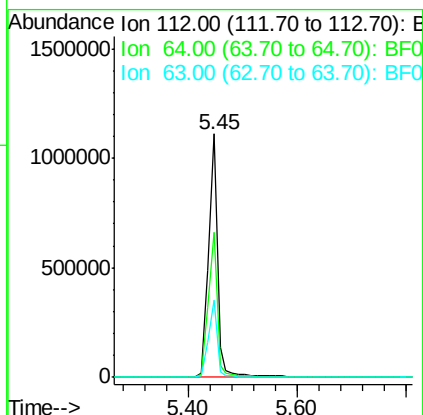
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WPG-B3(5-9)-CMSD

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Tot Ion:	112	Resp:	1303580
Ion	Ratio	Lower	Upper
112	100		
64	59.8	52.1	78.1
63	31.5	25.7	38.5



#6

Aniline

Concen: 22.55 ng

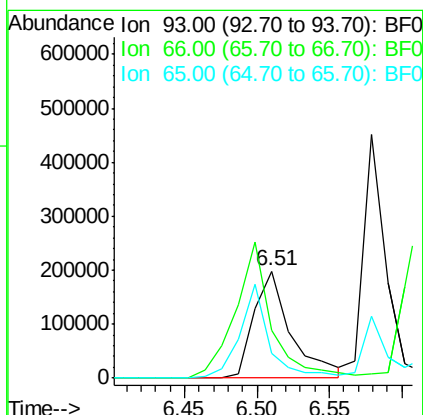
RT: 6.51 min Scan# 387

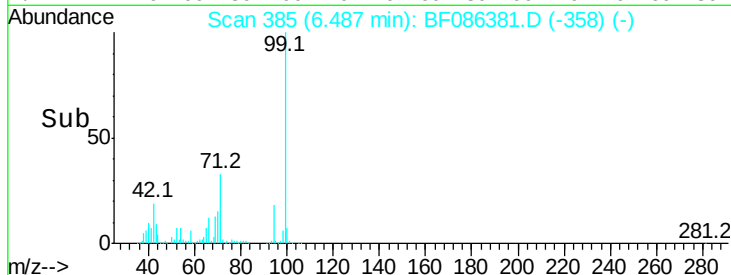
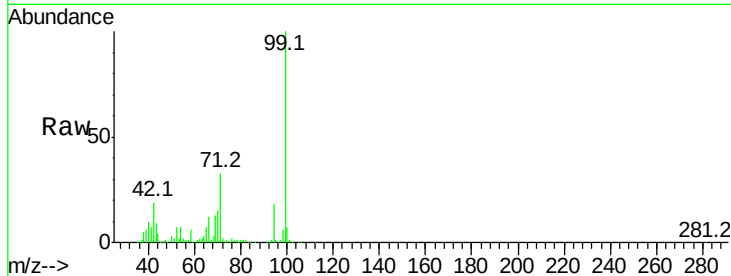
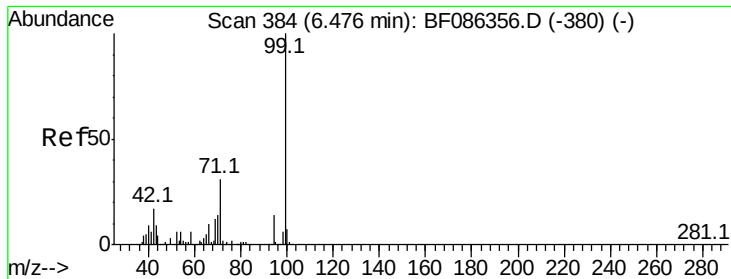
Delta R.T. 0.01 min

Lab File: BF086381.D

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Tgt Ion:	93	Resp:	352744
Ion	Ratio	Lower	Upper
93	100		
66	44.5	39.0	58.6
65	23.6	20.6	31.0





#7

Phenol-d6

Concen: 141.37 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tot Ion:	99	Resp:	1811969
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.6	20.4
71	33.2	24.6	36.8

Instrument :

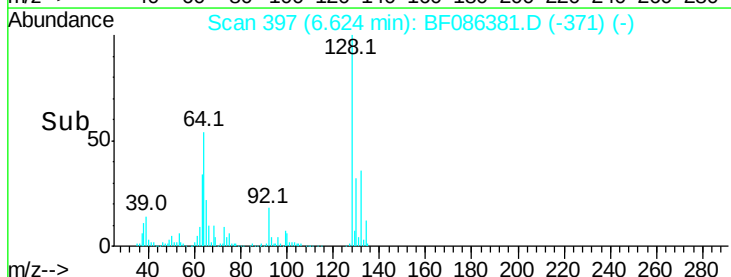
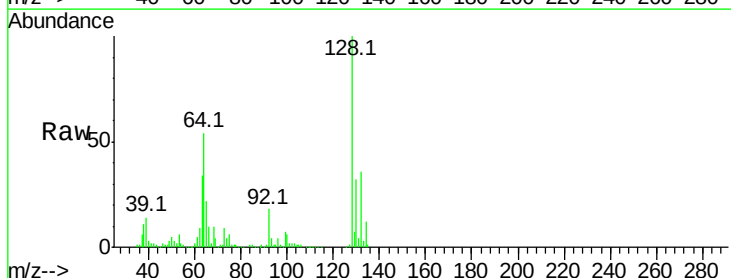
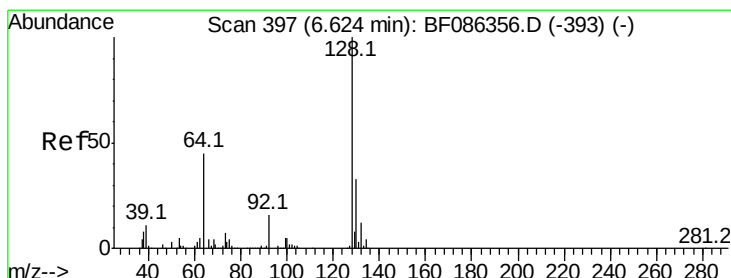
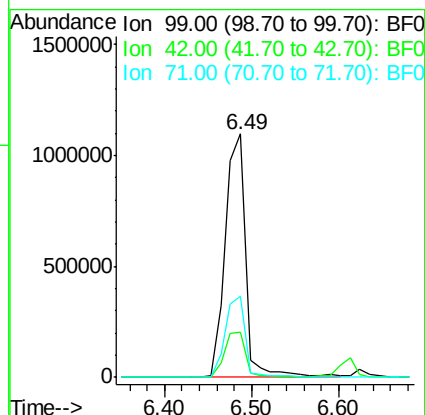
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#8

2-Chlorophenol

Concen: 44.75 ng

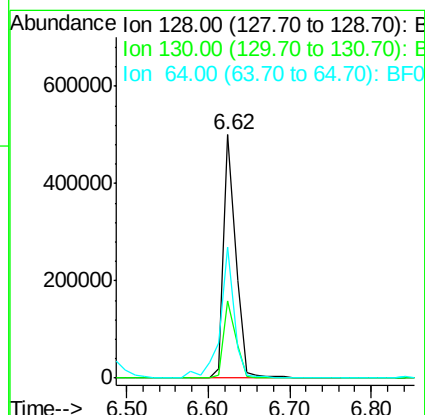
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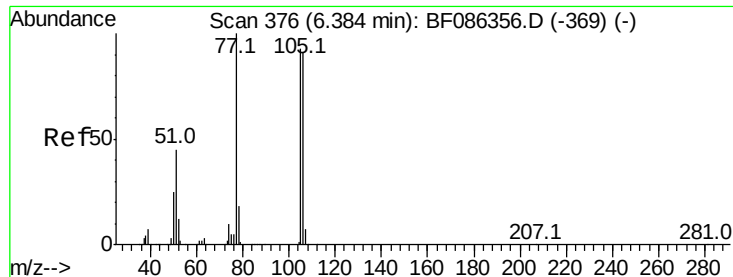
Delta R.T. 0.00 min

Lab File: BF086381.D

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Tgt Ion:	128	Resp:	515068
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	53.7	27.3	67.3





#9

Benzaldehyde

Concen: 13.67 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086381.D

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Instrument :

BNA_F

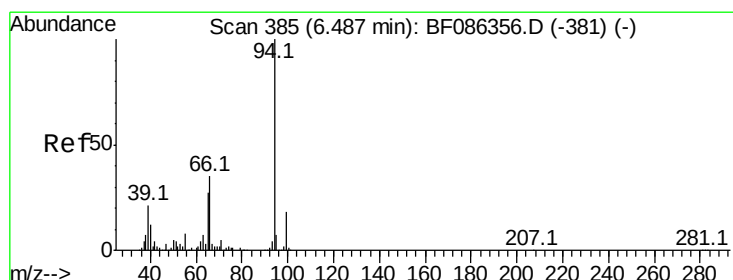
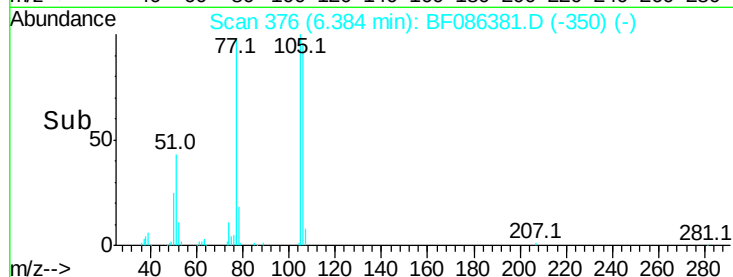
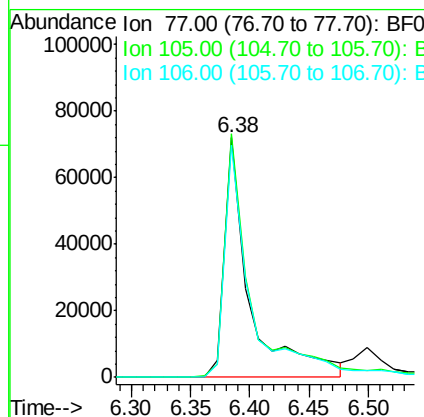
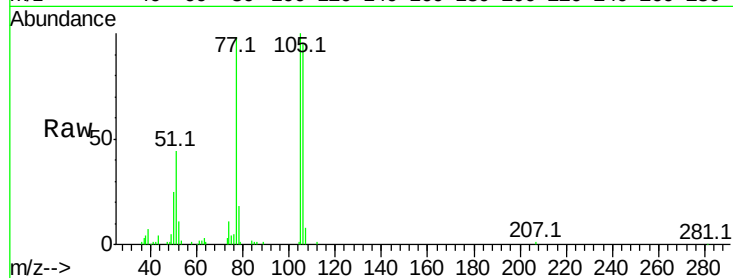
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Tot Ion:	77	Resp:	106425
Ion Ratio	Lower	Upper	
77	100		
105	101.8	72.7	112.7
106	97.2	70.8	110.8



#10

Phenol

Concen: 45.08 ng

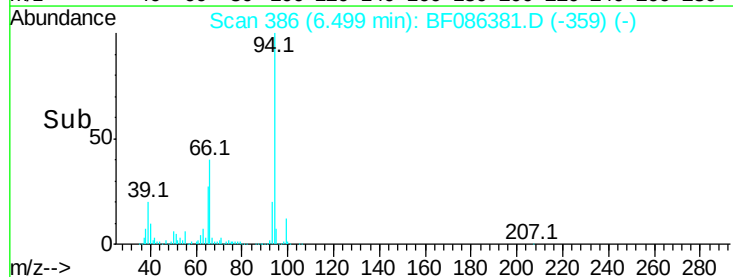
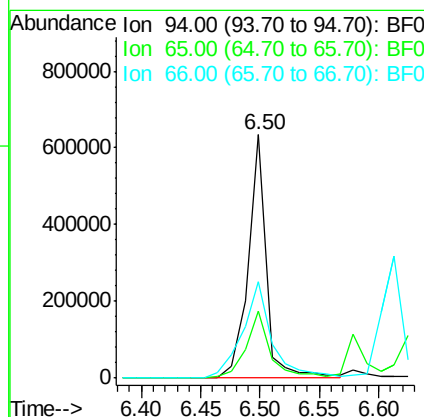
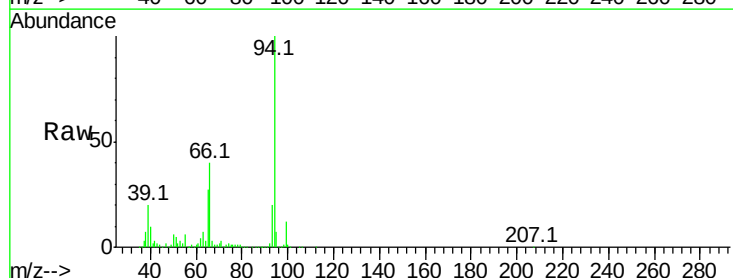
RT: 6.50 min Scan# 386

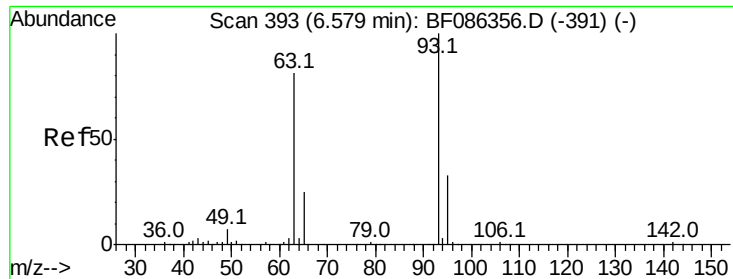
Delta R.T. 0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	94	Resp:	682252
Ion Ratio	Lower	Upper	
94	100		
65	27.3	7.2	47.2
66	39.6	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.48 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

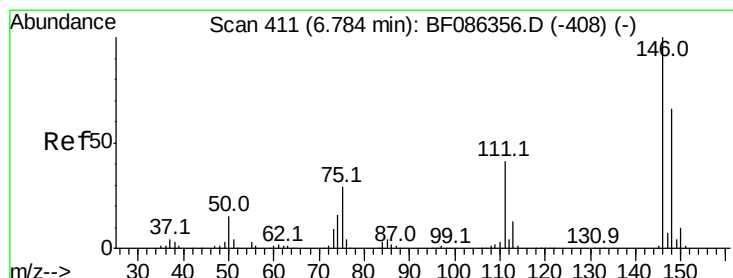
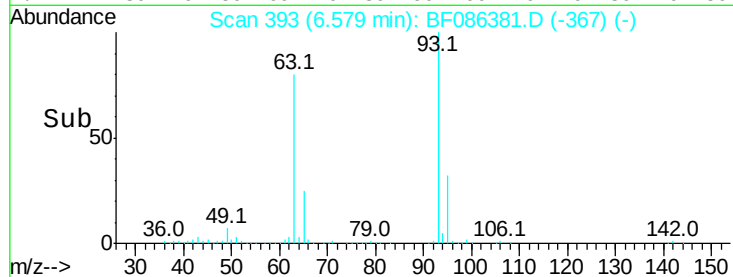
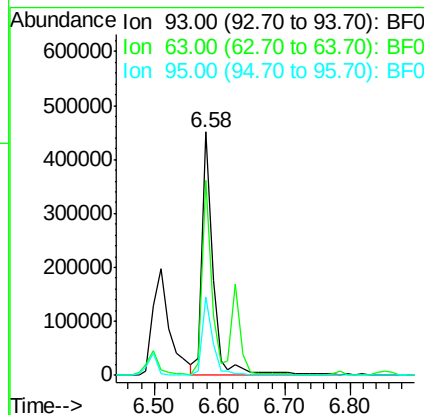
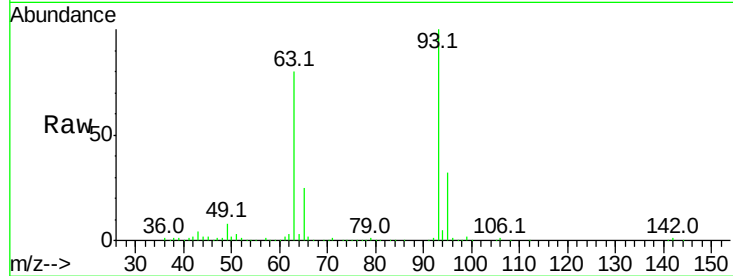
ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:	93	Resp:	520173
Ion Ratio	Lower	Upper	
93	100		
63	79.8	58.0	98.0
95	32.1	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 46.32 ng

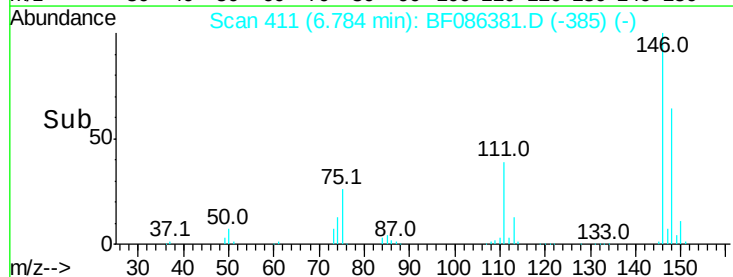
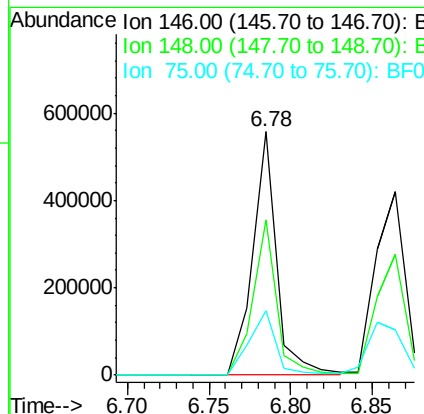
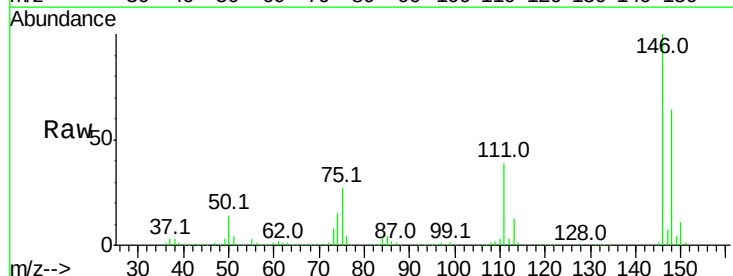
RT: 6.78 min Scan# 411

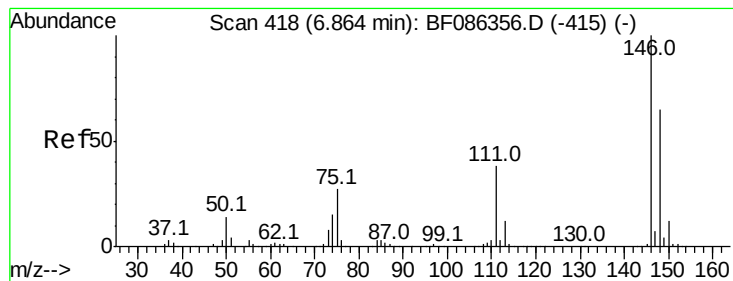
Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	146	Resp:	568622
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.4	78.6
75	26.6	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 42.97 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

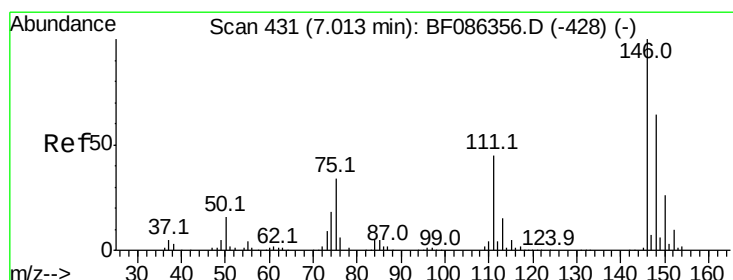
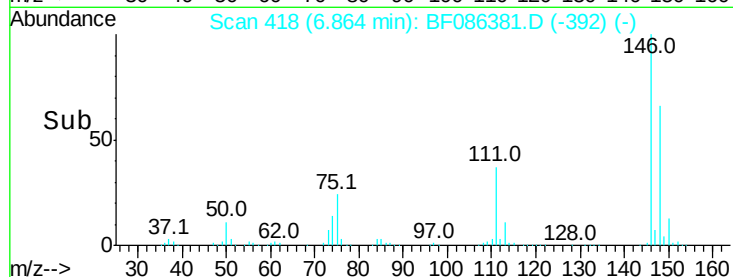
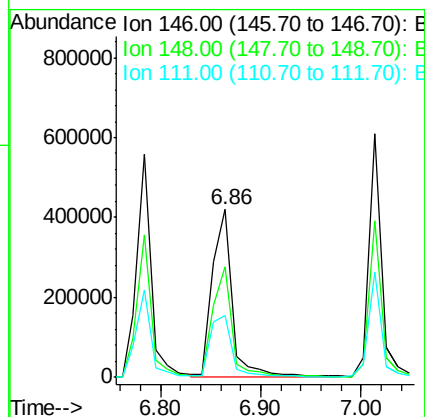
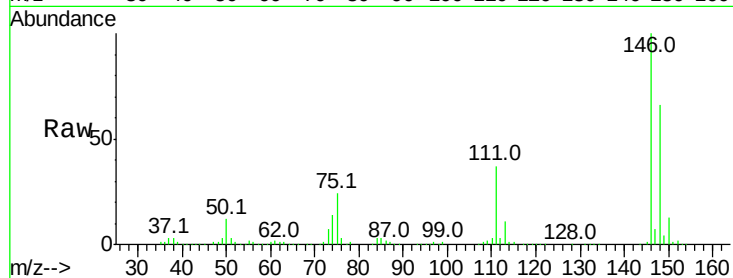
ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:	146	Resp:	579364
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.2	78.4
111	36.9	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 43.74 ng

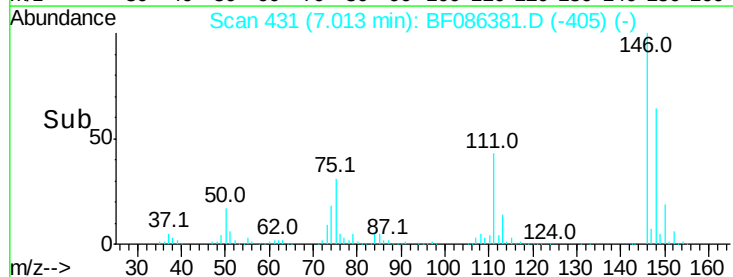
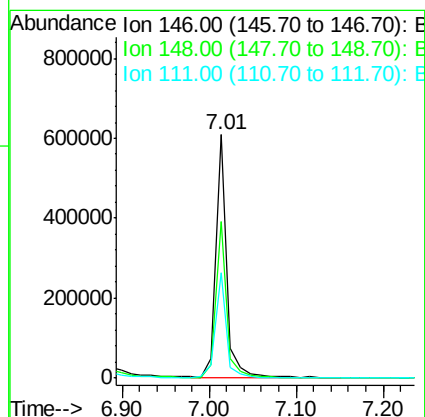
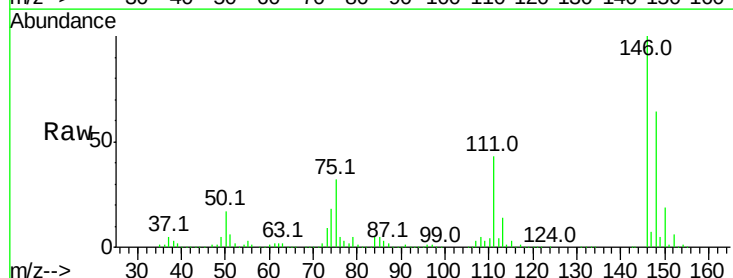
RT: 7.01 min Scan# 431

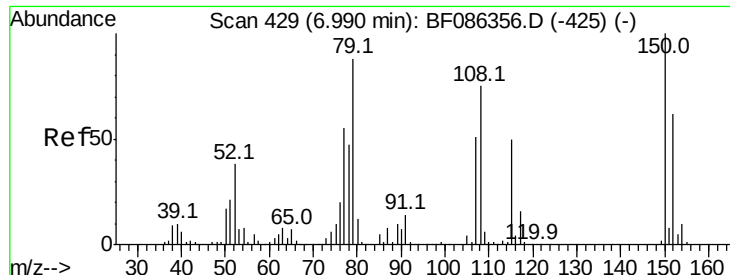
Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	146	Resp:	535933
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.0	76.6
111	43.5	36.2	54.4





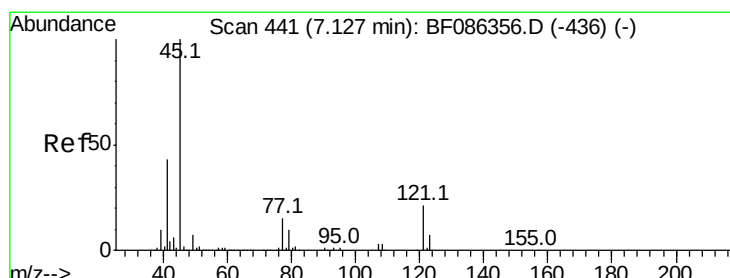
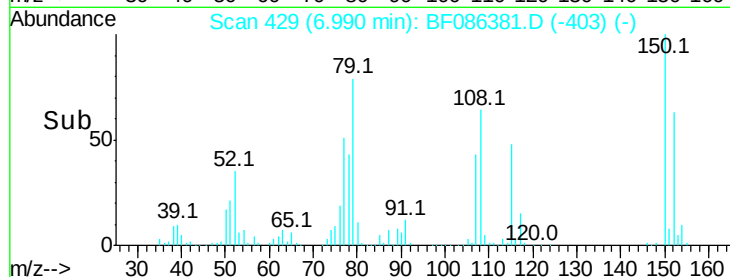
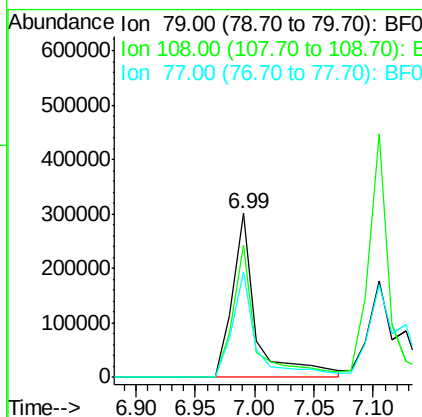
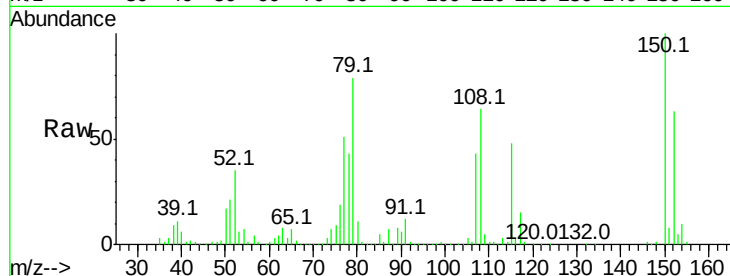
#15
Benzyl Alcohol
Concen: 55.42 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	68.4	102.6
77	64.4	50.6	76.0

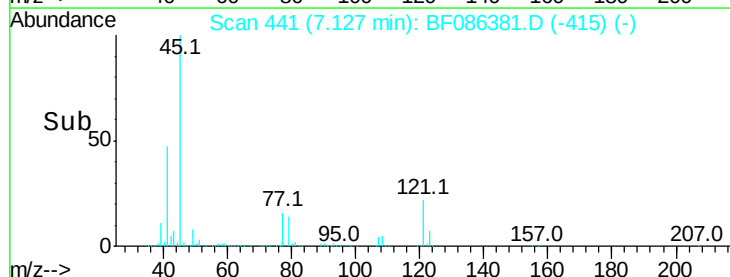
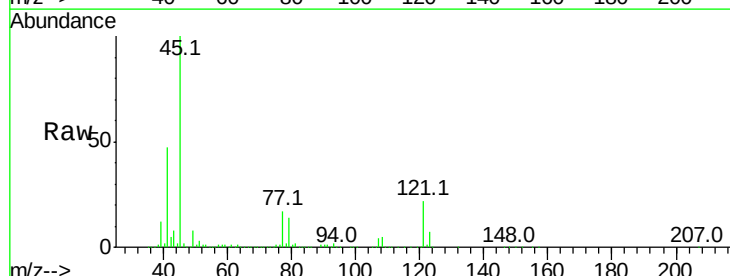
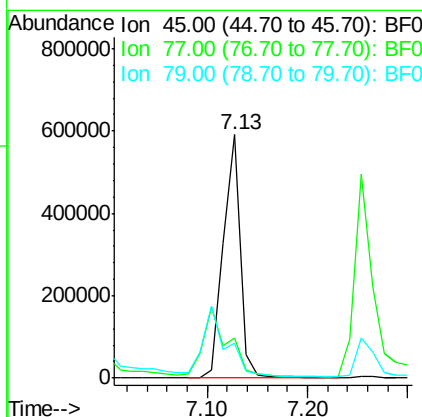
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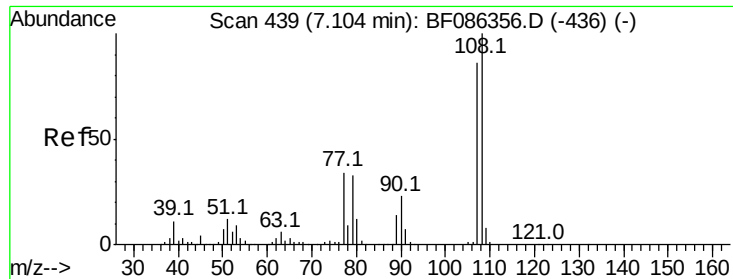
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.46 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.4
79	14.3	0.0	33.4





#17

2-Methylphenol

Concen: 48.44 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:107 Resp: 456874

Ion Ratio Lower Upper

107 100

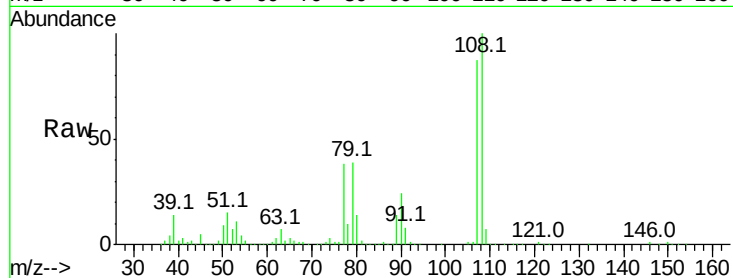
108 115.5 93.7 140.5

77 44.2 33.4 50.0

79 45.5 34.3 51.5

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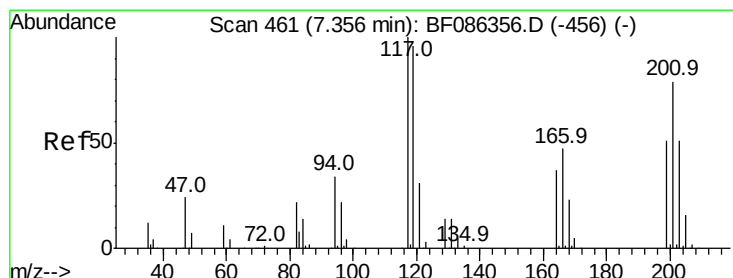
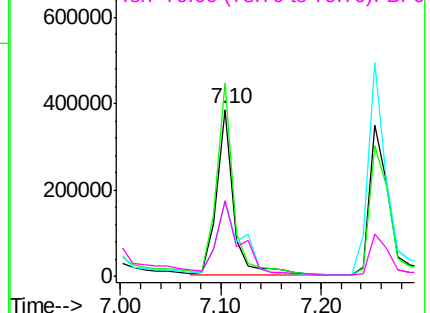
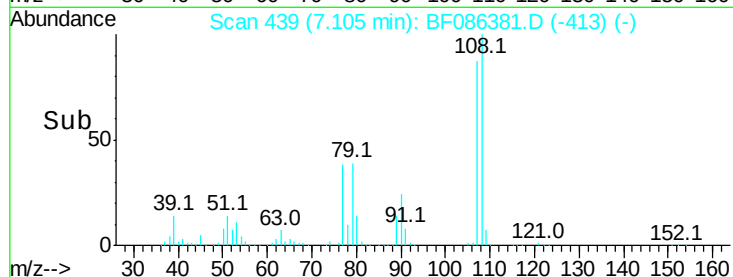


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.69 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

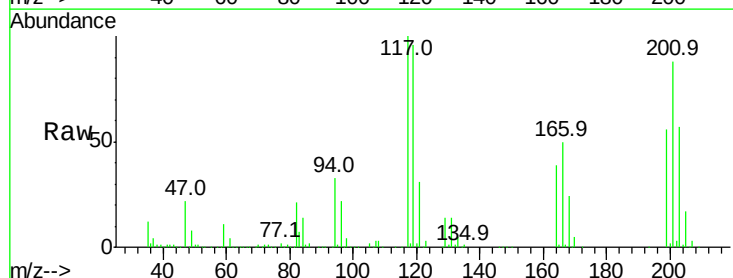
Tgt Ion:117 Resp: 202963

Ion Ratio Lower Upper

117 100

119 96.3 76.5 114.7

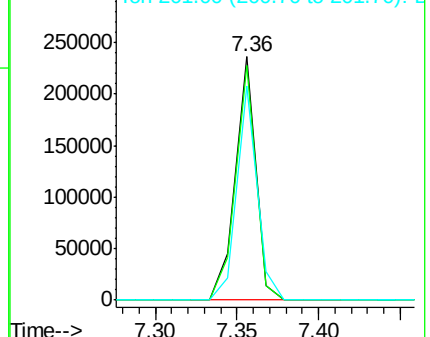
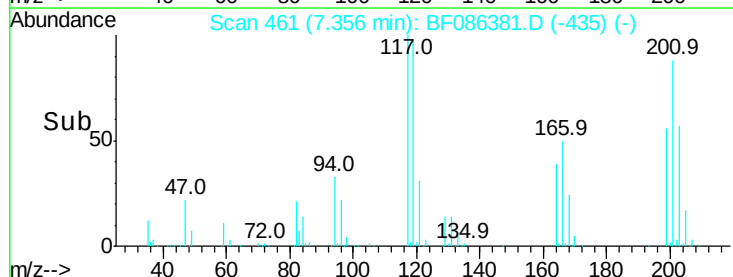
201 88.1 63.0 94.6

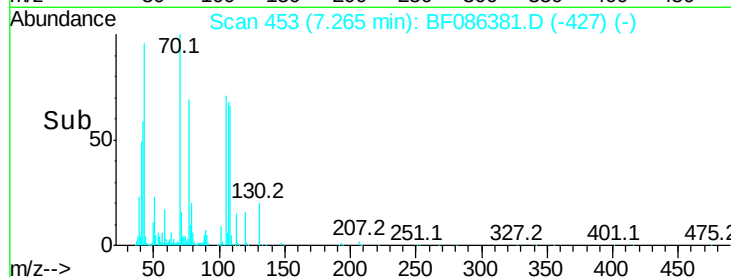
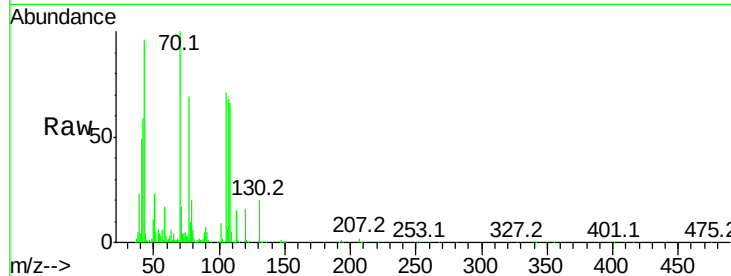
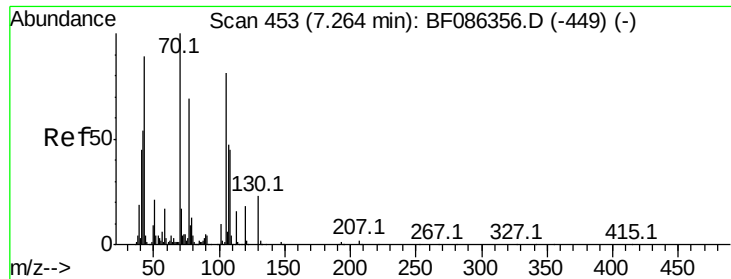


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





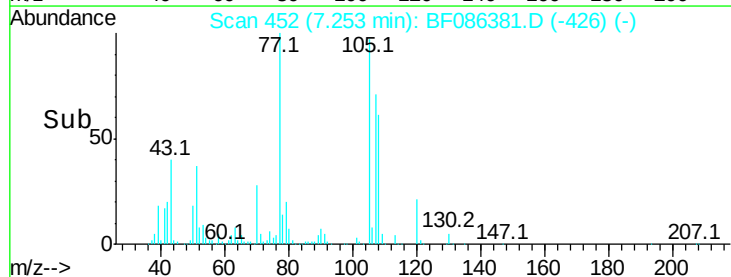
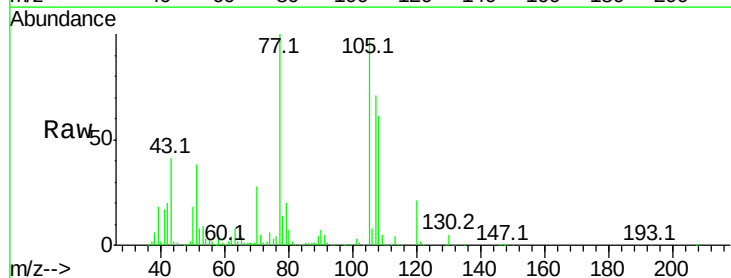
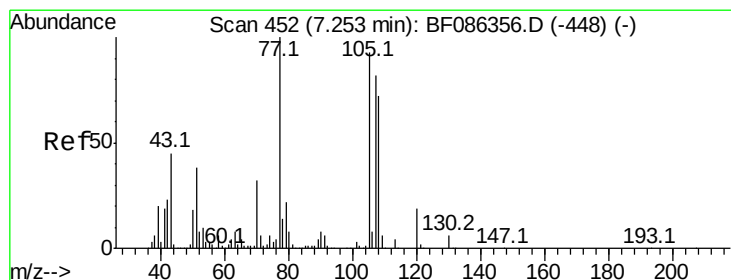
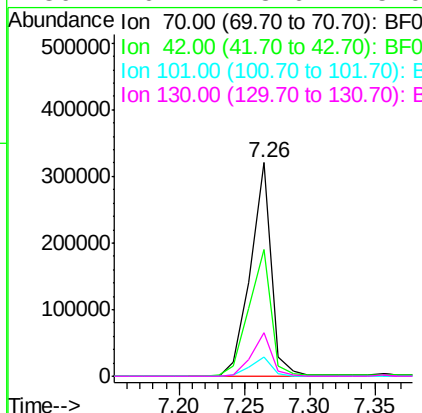
#19
n-Nitroso-di-n-propylamine
Concen: 47.03 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

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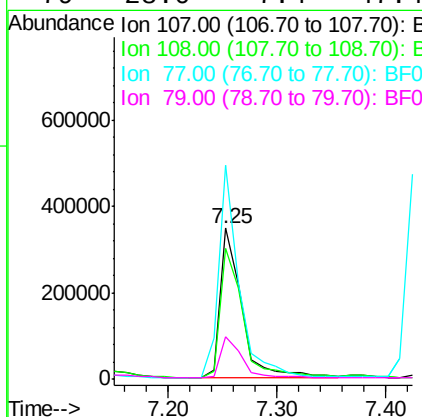
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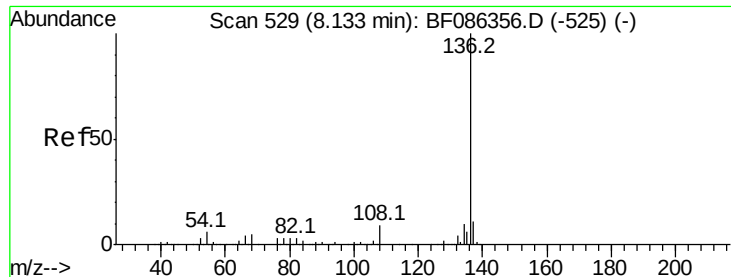
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.2	43.1	64.7		
101	9.3	8.1	12.1		
130	20.4	18.6	28.0		



#20
3+4-Methylphenols
Concen: 48.12 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.4	68.5	108.5		
77	141.7	101.6	141.6#		
79	28.0	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

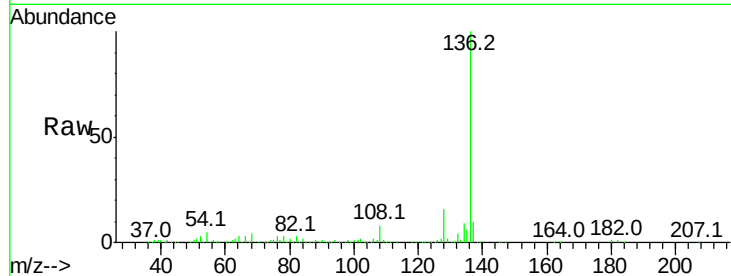
ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	679438		
137	10.4	8.8	13.2	
54	5.2	5.0	7.4	
68	4.4	4.4	6.6	

Manual Integrations
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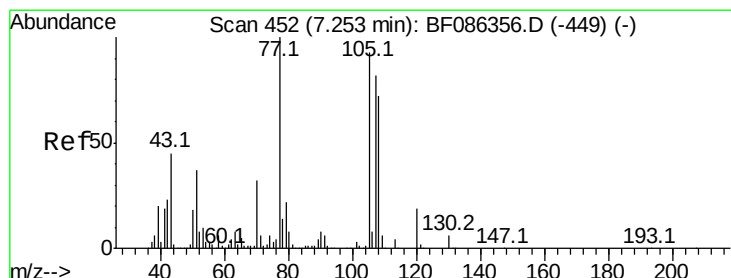
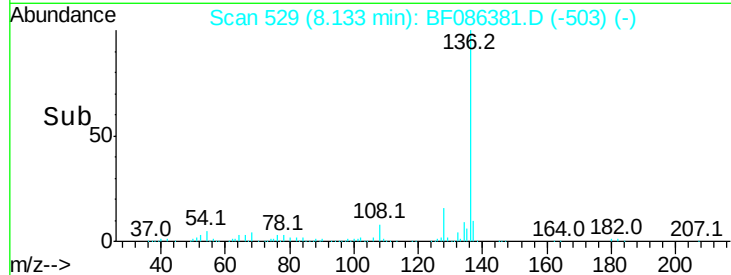
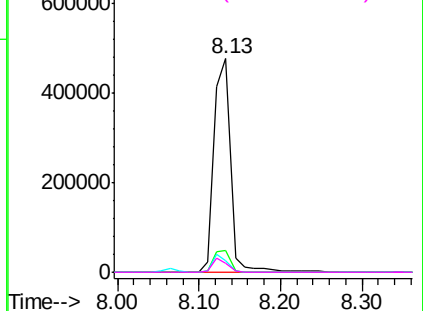


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.42 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

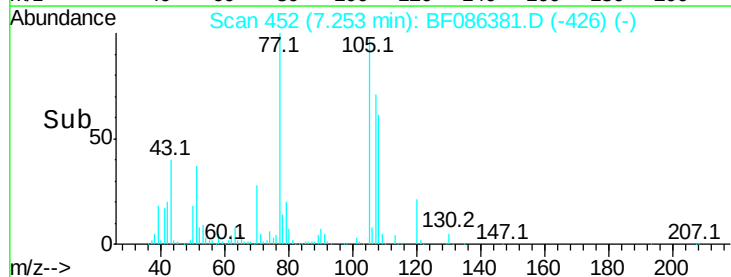
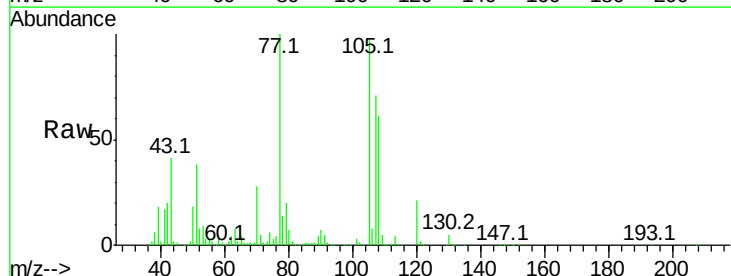
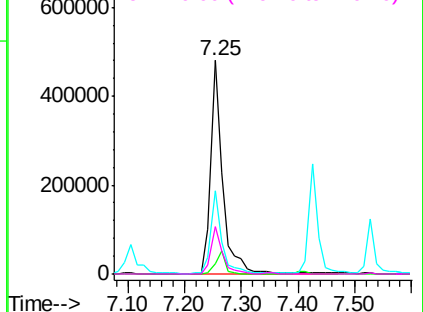
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	690222		
71	5.0	4.8	7.2	
51	38.8	32.6	49.0	
120	22.1	16.5	24.7	

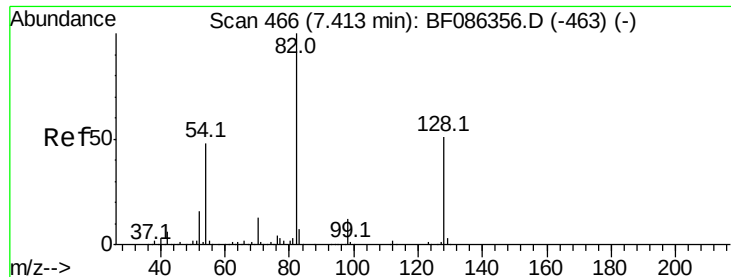
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





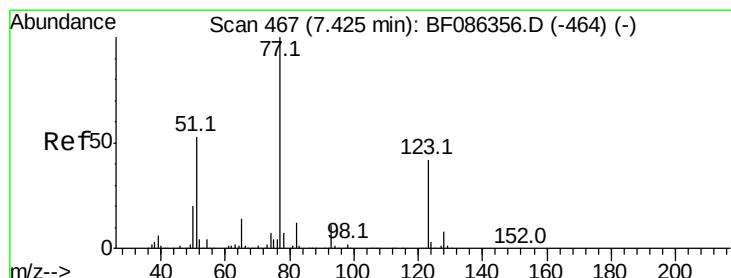
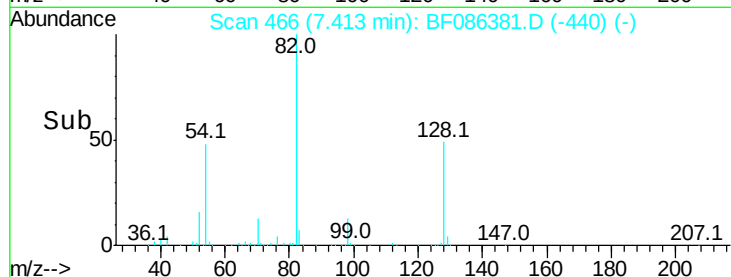
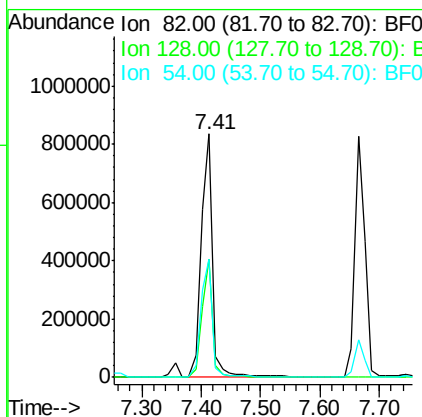
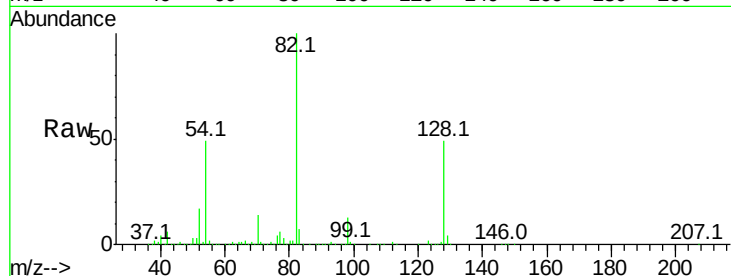
#23
 Nitrobenzene-d5
 Concen: 99.65 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.6	61.0
54	48.5	38.1	57.1

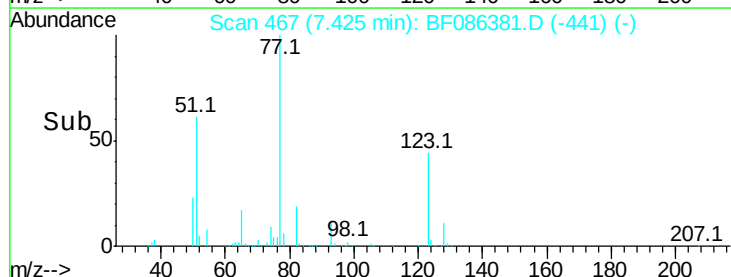
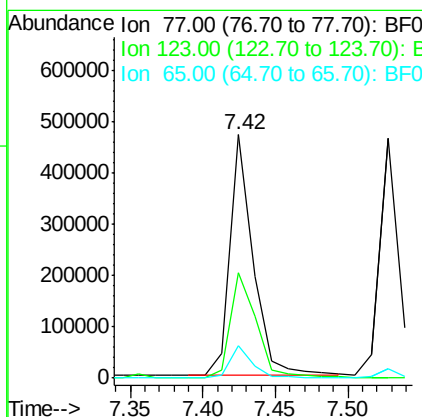
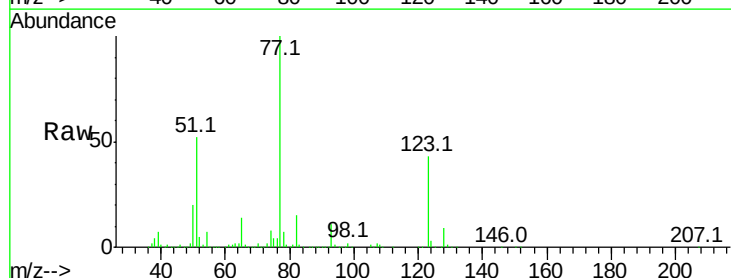
Manual Integrations
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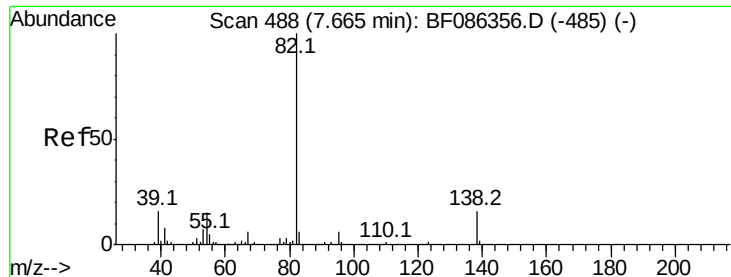
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#24
 Nitrobenzene
 Concen: 42.74 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.0	49.4
65	13.6	10.8	16.2





#25

Isophorone

Concen: 43.28 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

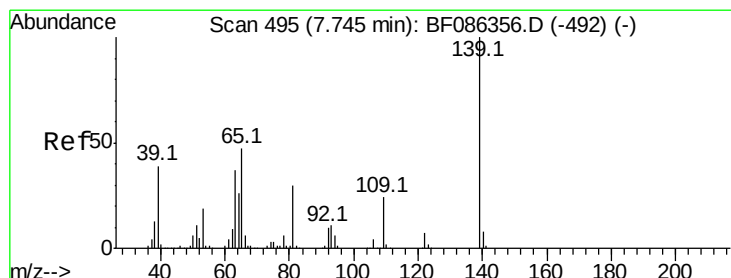
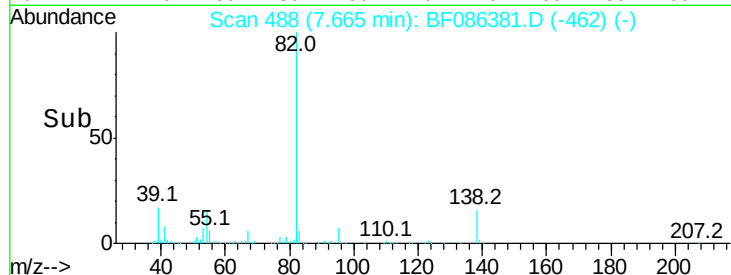
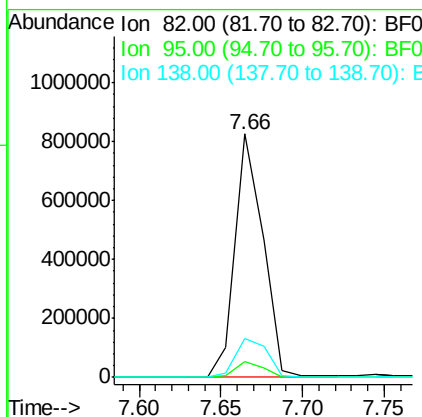
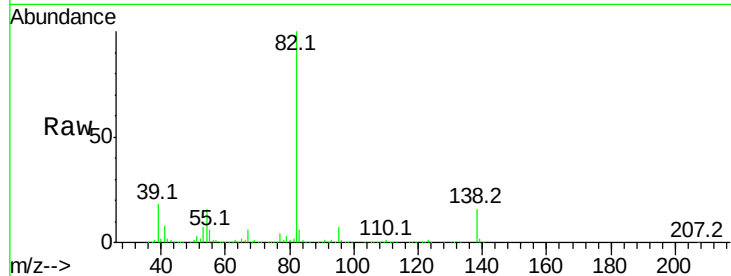
ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:	82	Resp:	972815
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	16.0	12.4	18.6

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#26

2-Nitrophenol

Concen: 50.91 ng

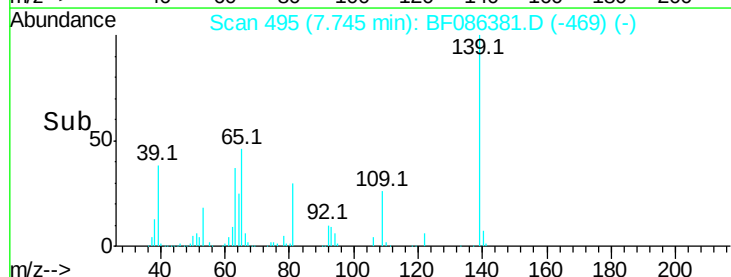
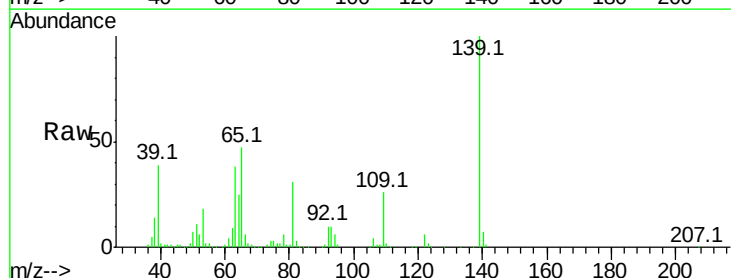
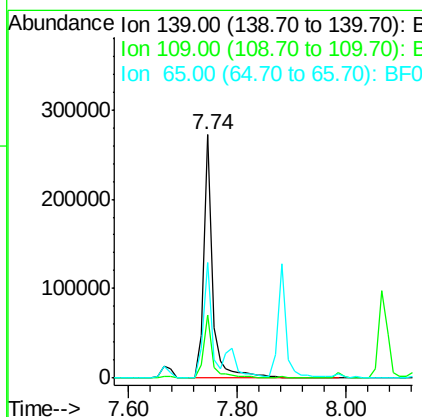
RT: 7.74 min Scan# 495

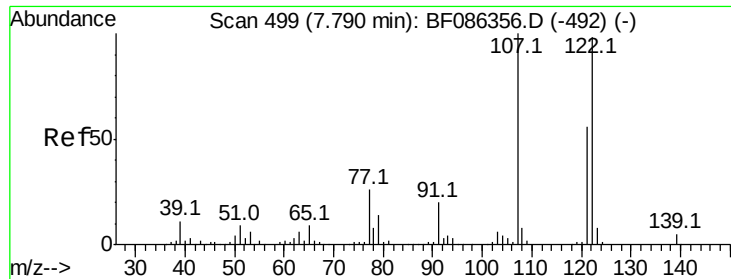
Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	139	Resp:	309445
Ion Ratio	Lower	Upper	
139	100		
109	26.1	19.5	29.3
65	47.3	37.5	56.3





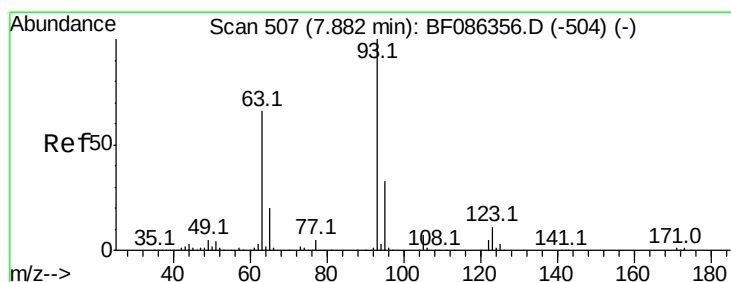
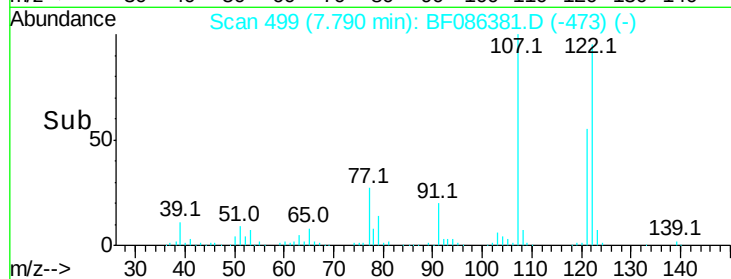
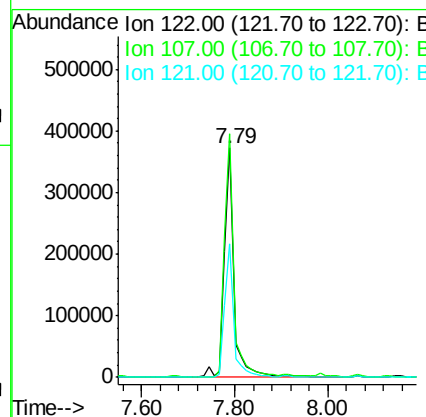
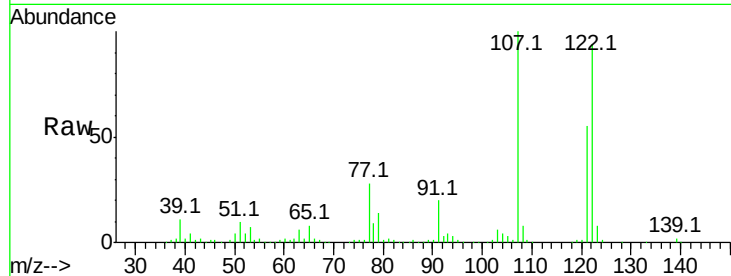
#27
 2,4-Dimethylphenol
 Concen: 51.26 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	533550		
107	106.1	82.0	123.0	
121	58.0	46.1	69.1	

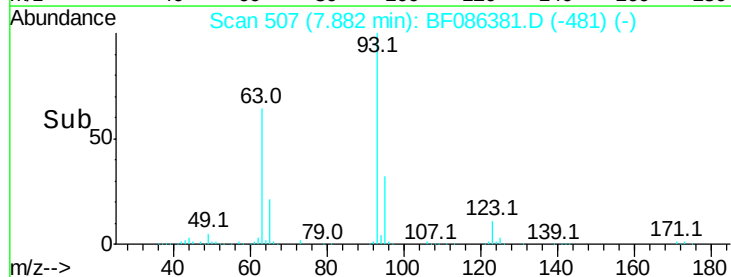
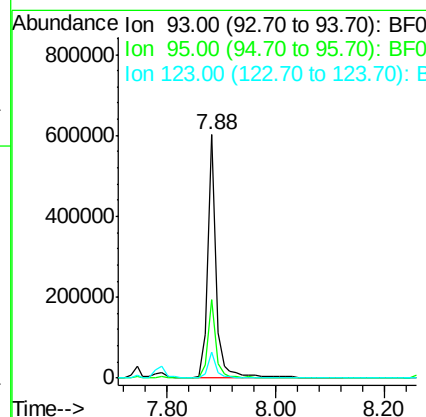
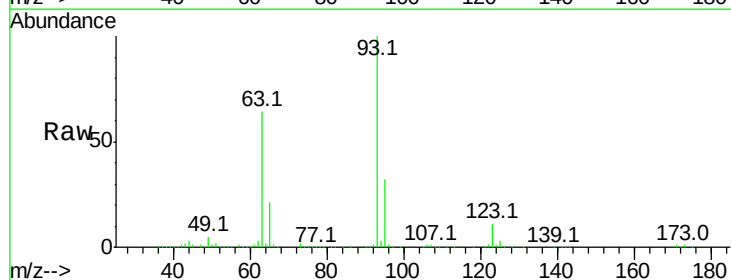
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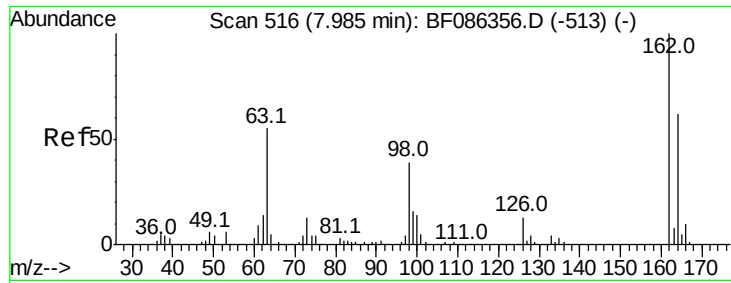
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.66 ng
 RT: 7.88 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	635811		
95	32.4	26.0	39.0	
123	10.8	9.5	14.3	





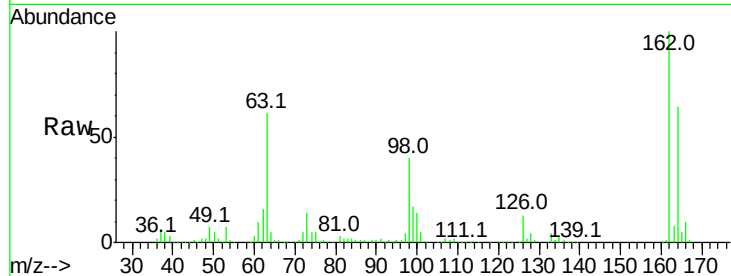
#29
 2,4-Dichlorophenol
 Concen: 52.98 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

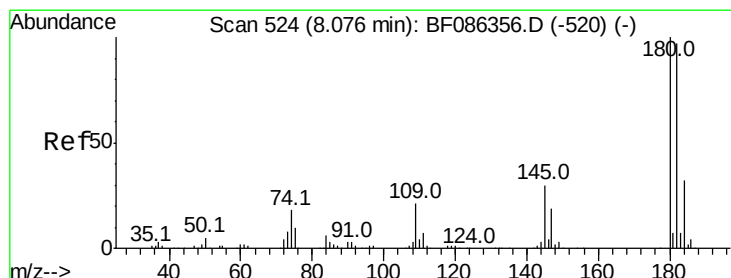
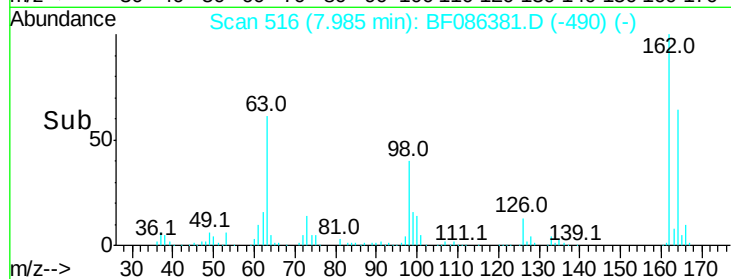
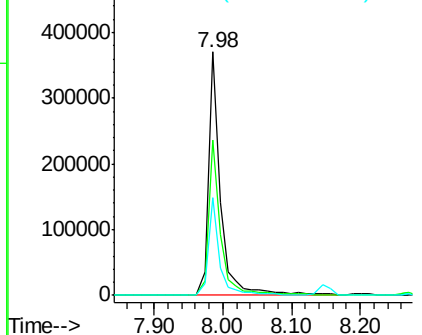
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		455826		
164	63.9	42.2	82.2		
98	40.2	19.0	59.0		

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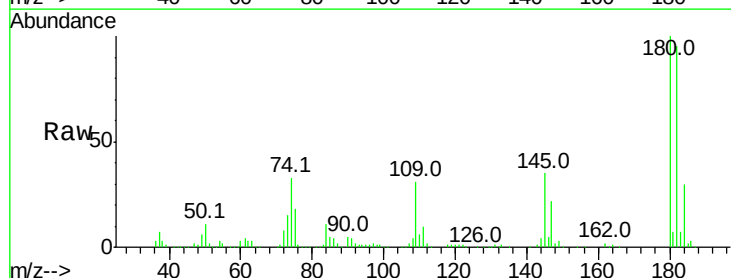


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

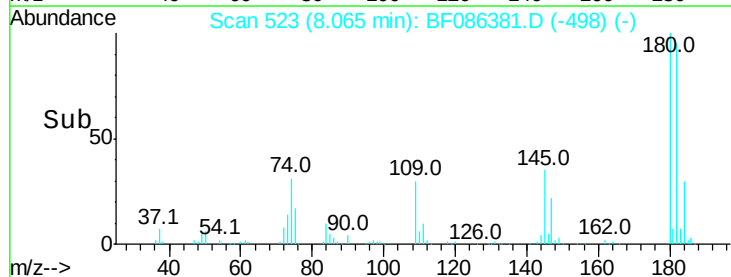
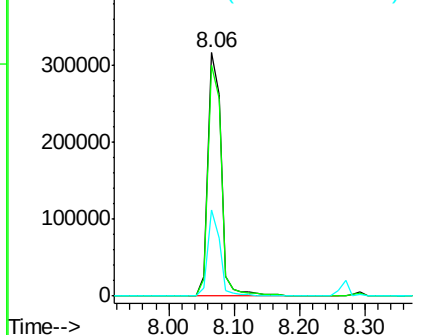


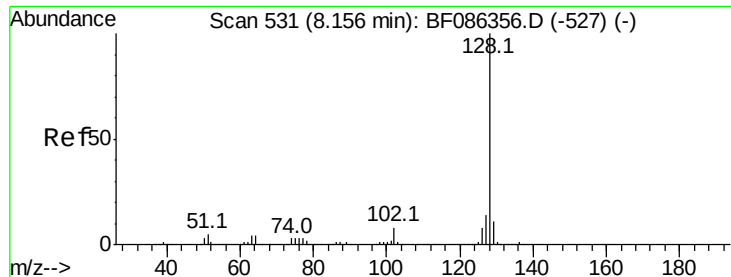
#30
 1,2,4-Trichlorobenzene
 Concen: 48.68 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		454991		
182	95.0	78.0	117.0		
145	35.4	24.2	36.2		



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





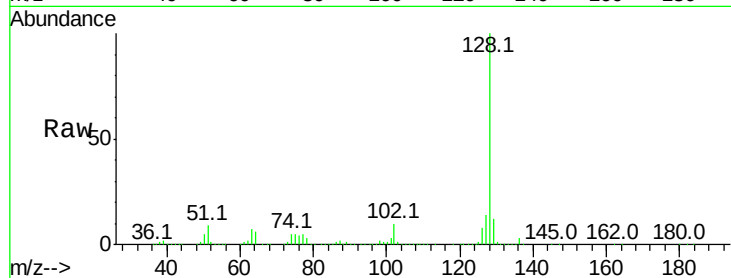
#31
Naphthalene
Concen: 45.19 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.7	10.8	16.2

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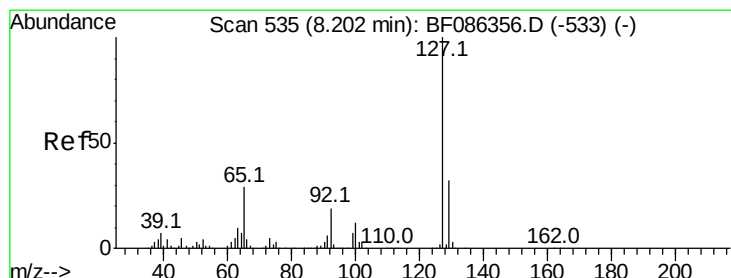
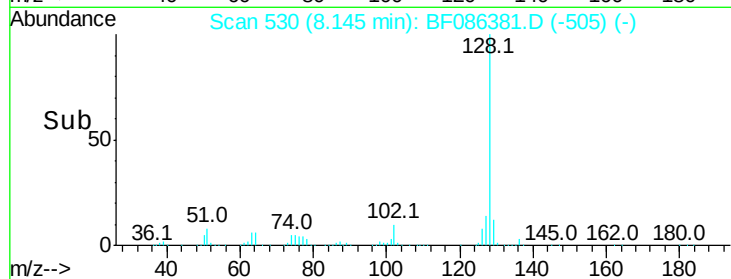
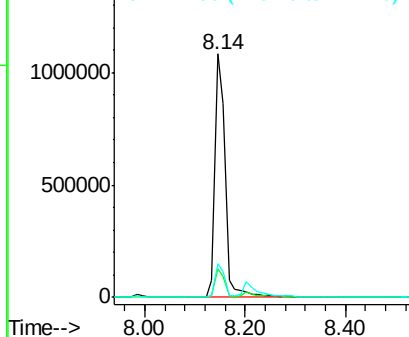


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 11.31 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	27.0	23.0	34.4
92	17.5	15.1	22.7

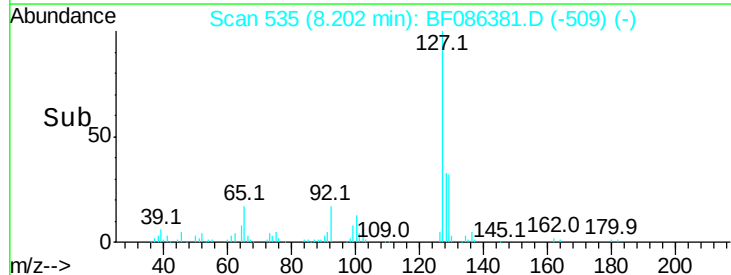
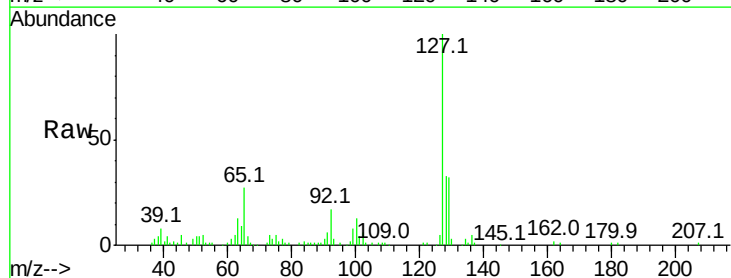
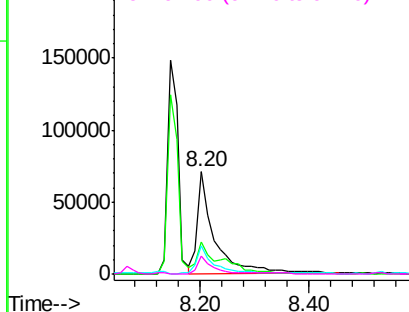
Abundance

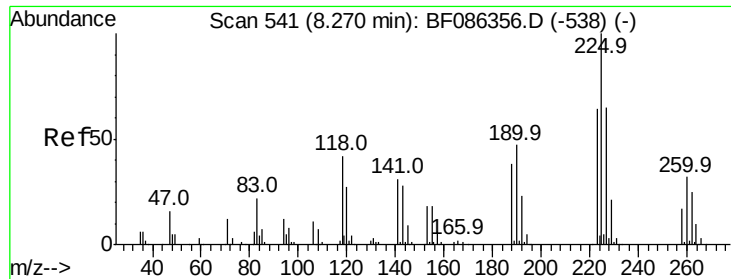
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





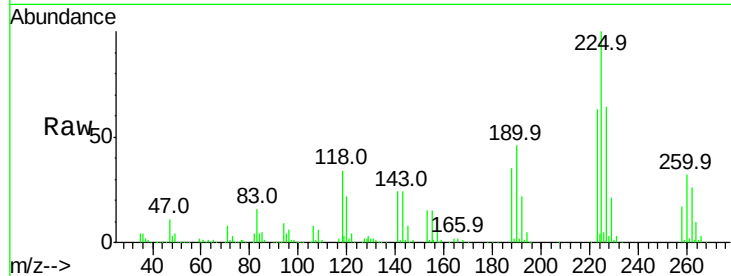
#34
Hexachlorobutadiene
Concen: 49.10 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

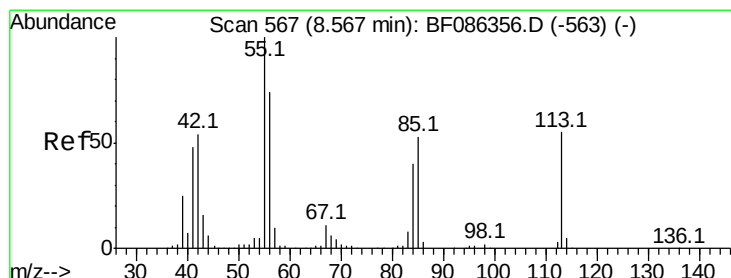
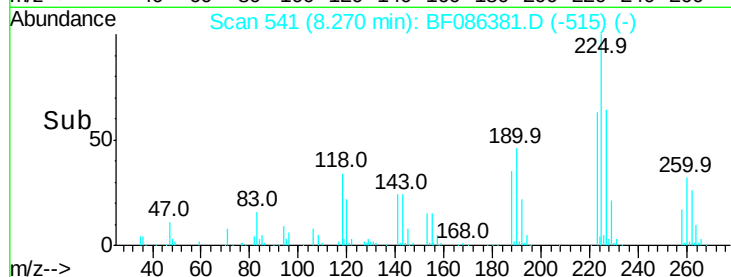
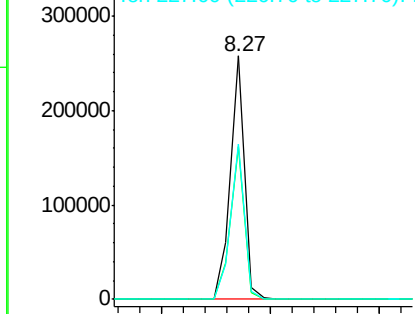
Tot Ion	Ratio	Resp	Lower	Upper
225	100	229141		
223	62.9		51.5	77.3
227	64.0		52.2	78.2

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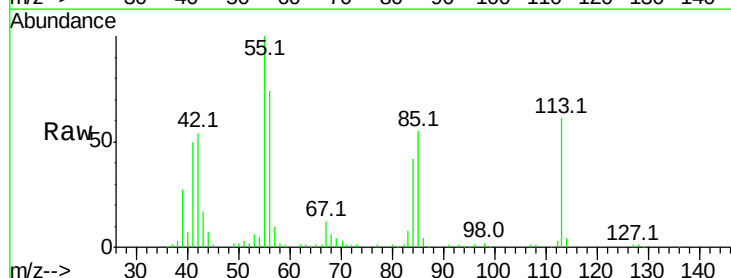


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

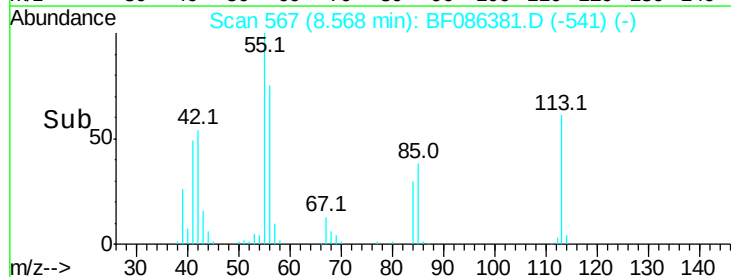
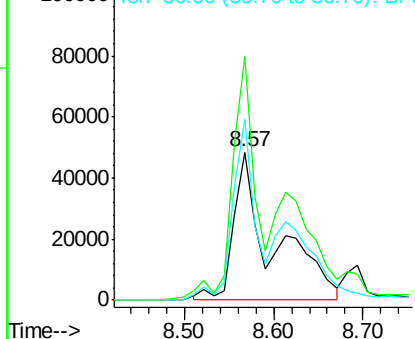


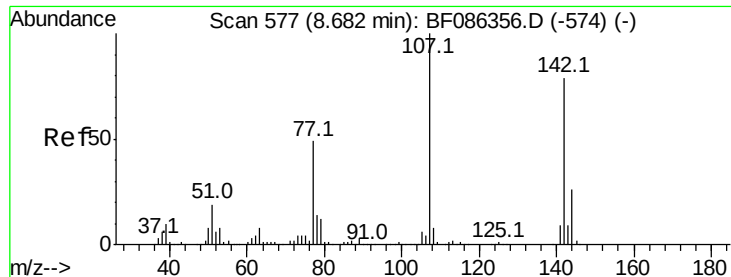
#35
Caprolactam
Concen: 47.74 ng m
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	147392		
55	164.6		162.0	202.0
56	122.5		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





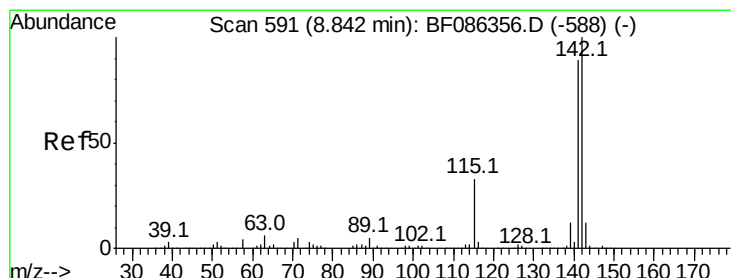
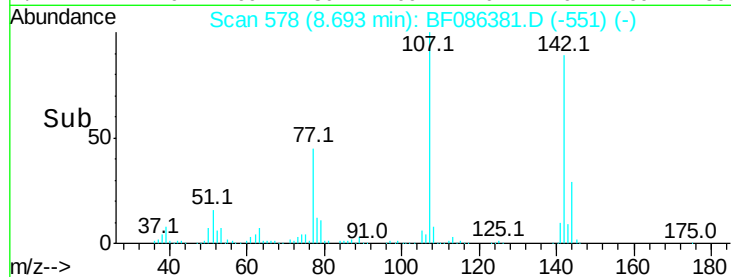
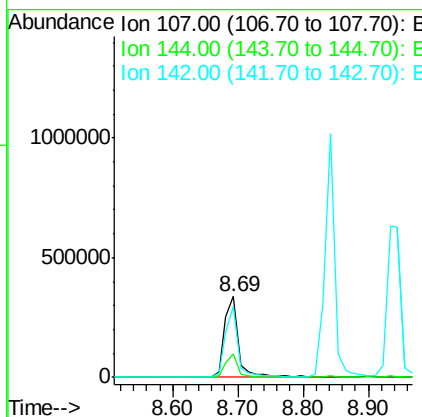
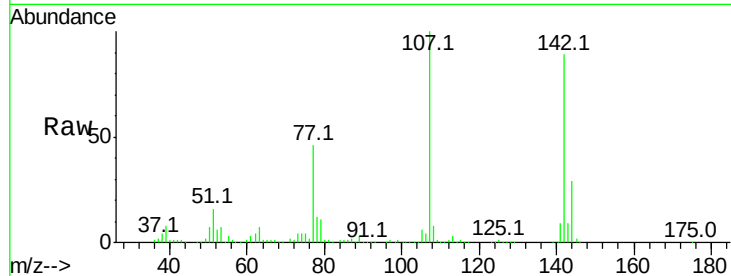
#36
 4-Chloro-3-methylphenol
 Concen: 50.50 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	29.0	20.7	31.1	
142	88.5	63.2	94.8	

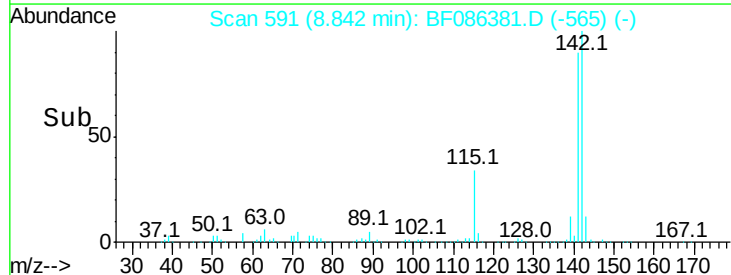
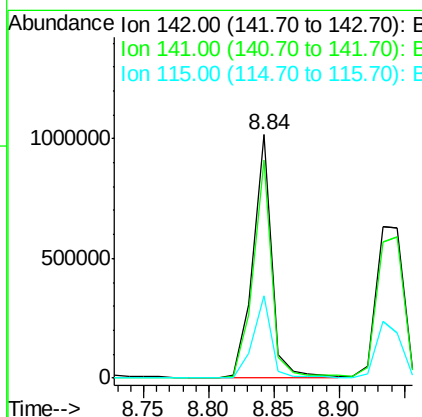
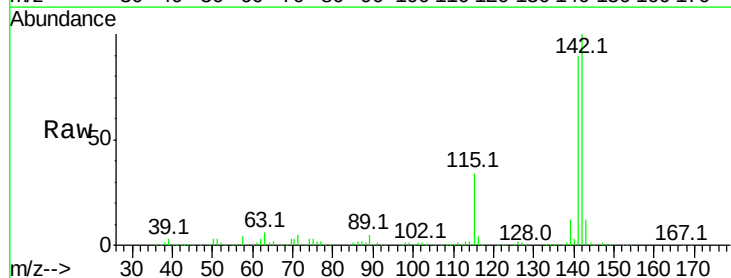
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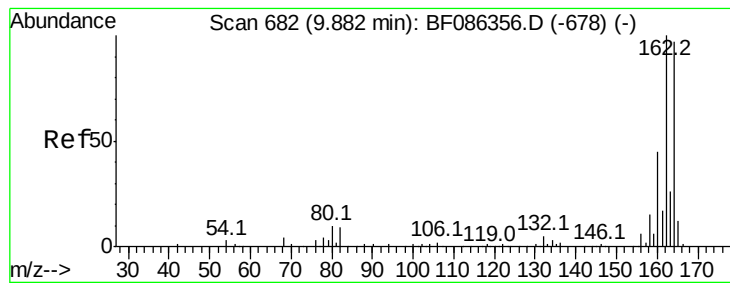
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#37
 2-Methylnaphthalene
 Concen: 51.30 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.6	71.0	106.6	
115	33.6	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: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

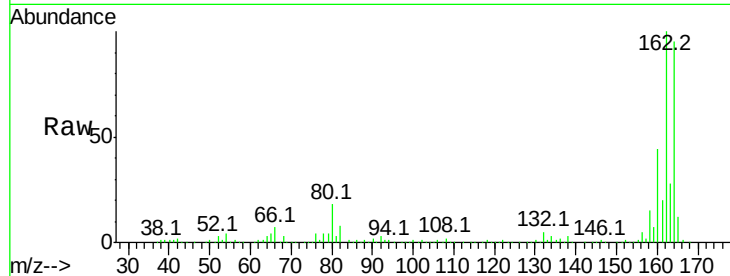
ClientSampleId :

WPG-B3(5-9)-CMSD

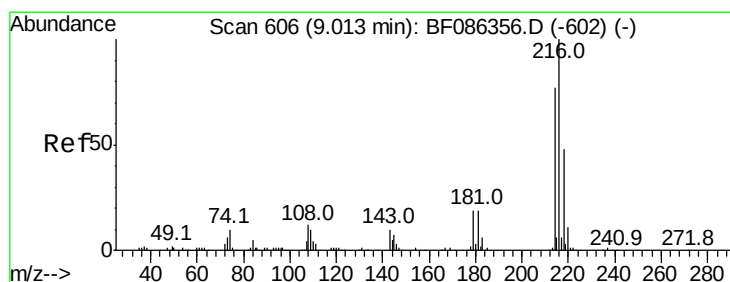
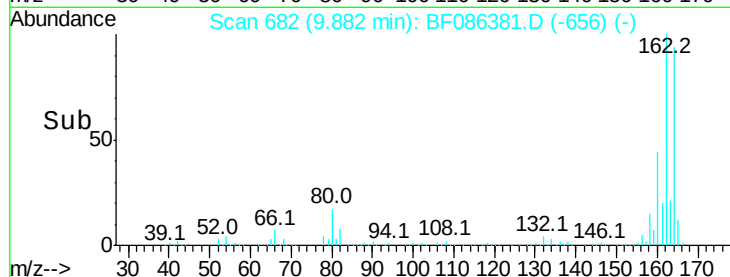
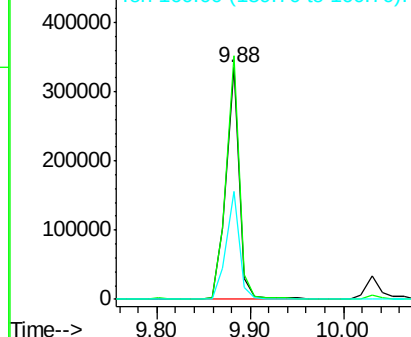
Tot Ion:	164	Resp:	334149
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.8	124.2
160	46.4	36.9	55.3

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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: 43.26 ng

RT: 9.00 min Scan# 605

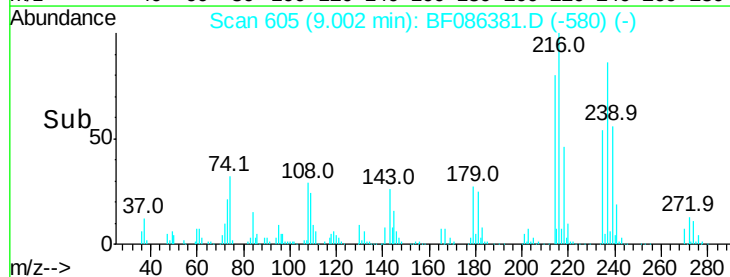
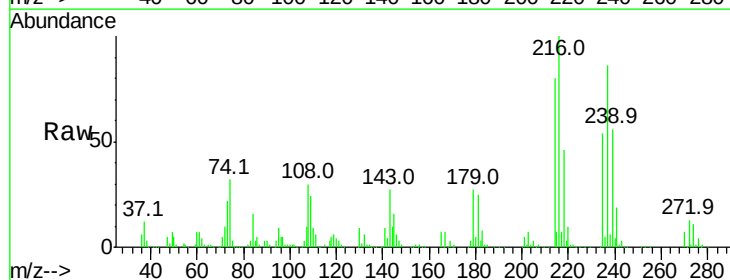
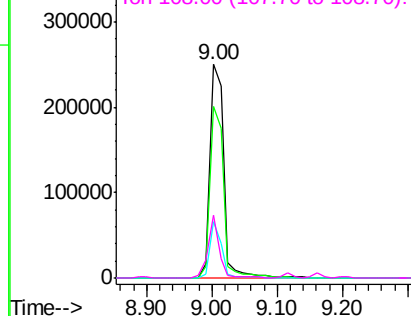
Delta R.T. -0.01 min

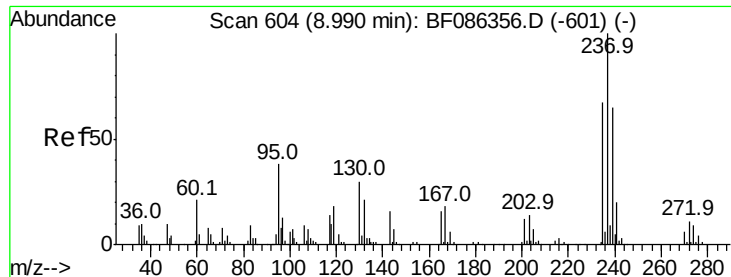
Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	216	Resp:	374015
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	93.8
179	22.4	18.2	27.4
108	23.7	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





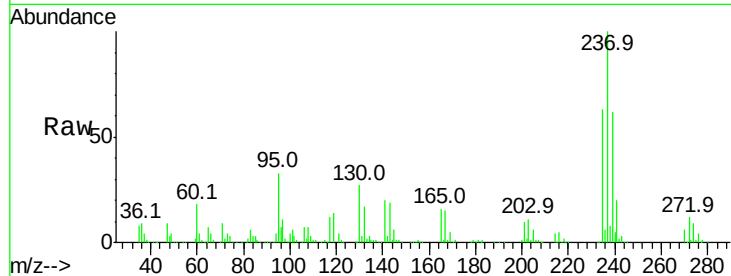
#40
Hexachlorocyclopentadiene
Concen: 90.81 ng
RT: 8.99 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.6	47.2	87.2	
272	11.7	0.0	31.1	

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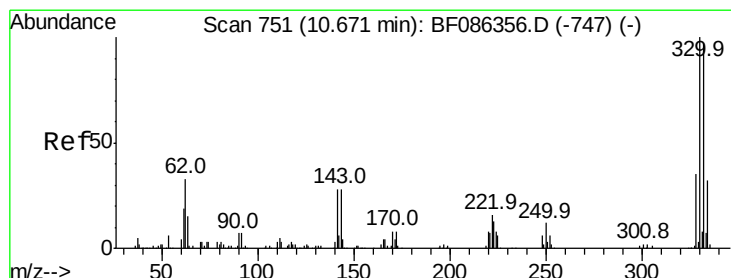
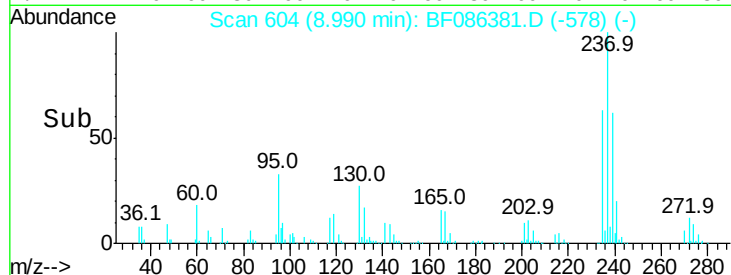
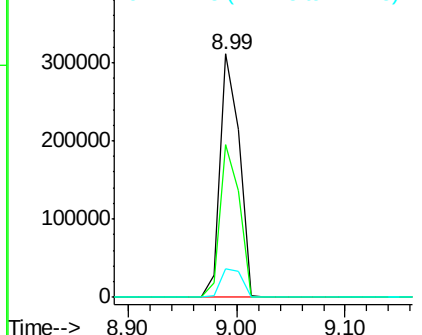


Abundance

Ion 236.80 (236.50 to 237.50): E

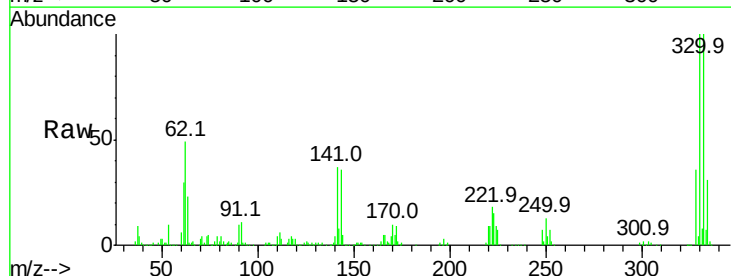
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41
2,4,6-Tribromophenol
Concen: 134.04 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	79.0	118.4	
141	40.3	31.2	46.8	

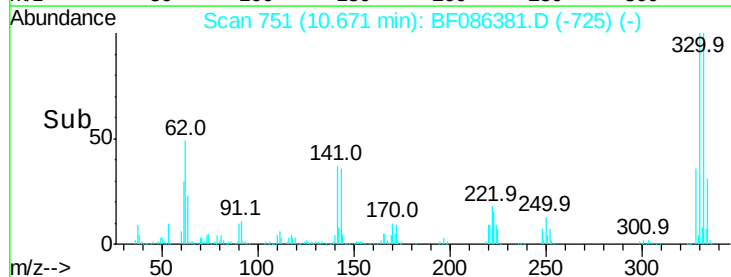
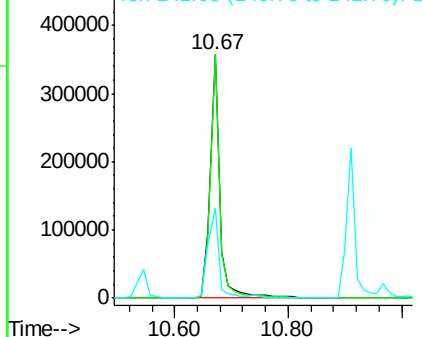


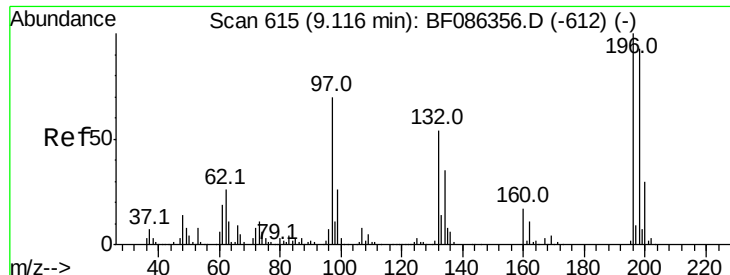
Abundance

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: 49.96 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

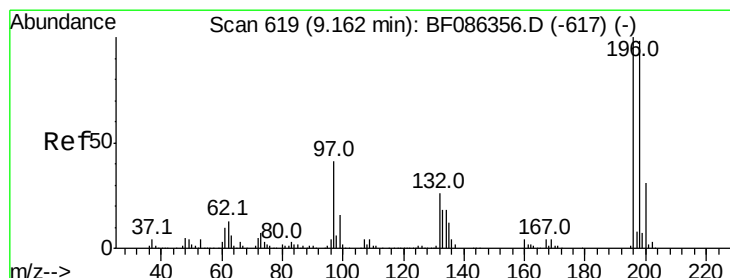
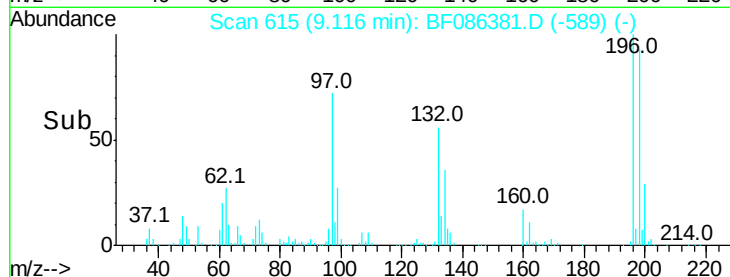
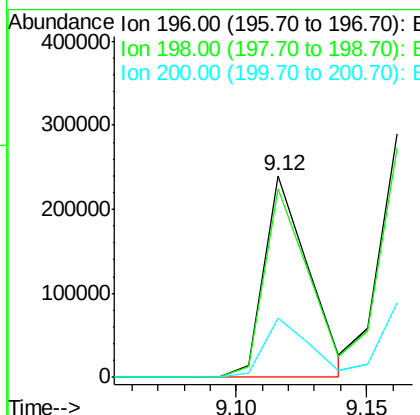
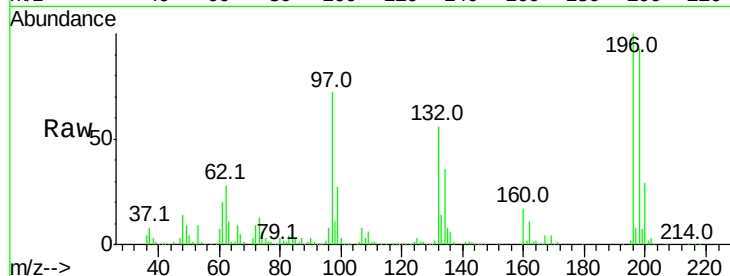
ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:	196	Resp:	283205
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.7	112.1
200	29.4	23.8	35.6

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4/25/2016 12:36:54 PM



#43

2,4,5-Trichlorophenol

Concen: 47.17 ng

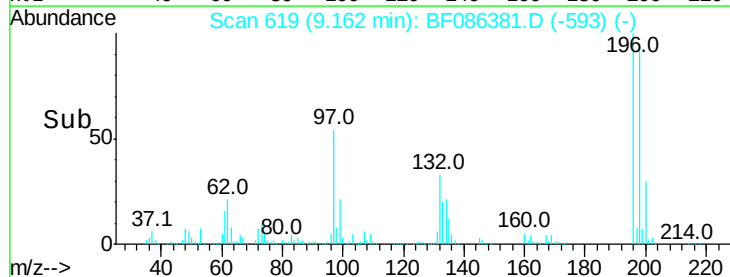
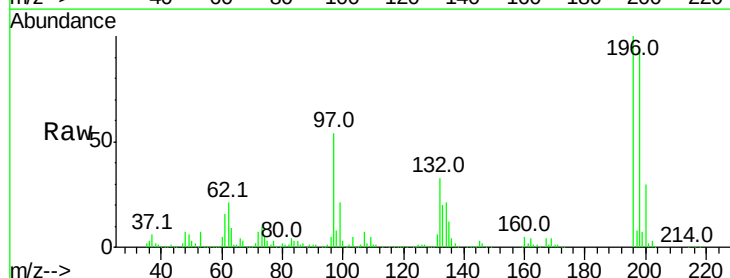
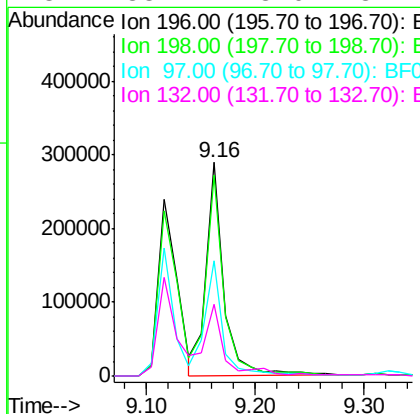
RT: 9.16 min Scan# 619

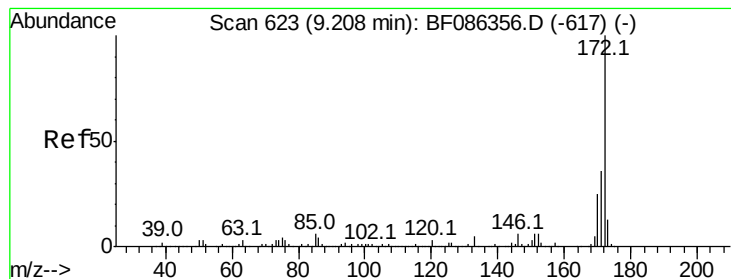
Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	196	Resp:	329210
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.5	116.3
97	53.7	34.8	52.2#
132	33.4	23.0	34.4





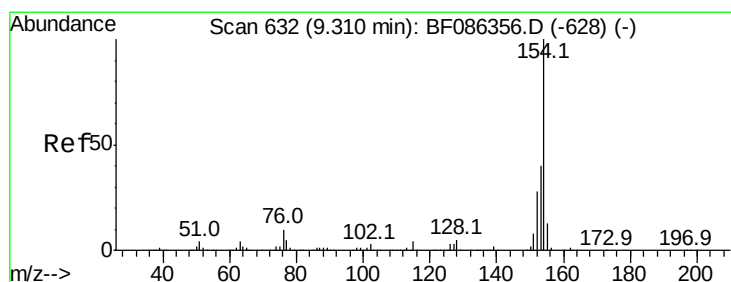
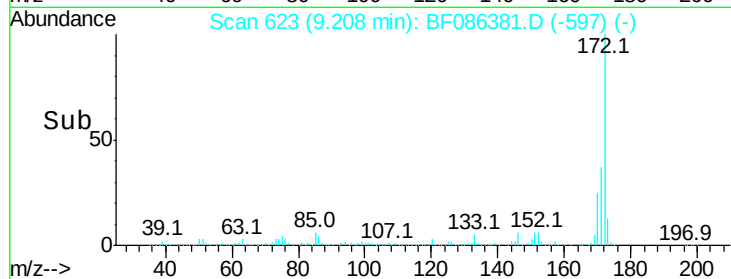
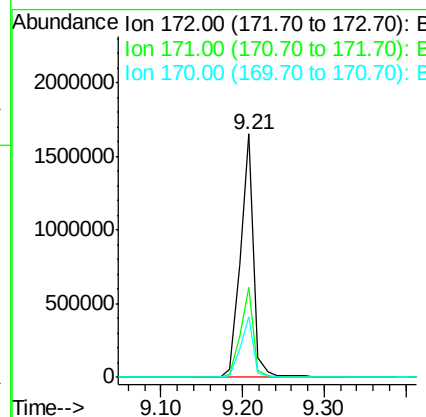
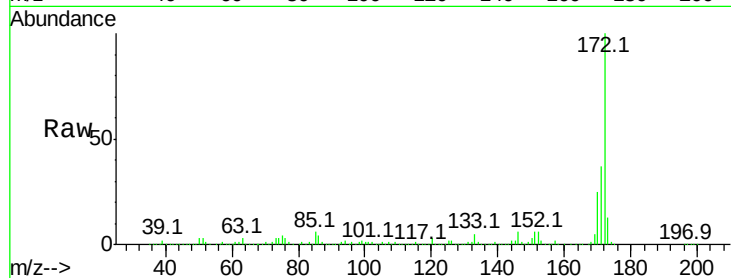
#44
2-Fluorobiphenyl
Concen: 95.01 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.1	19.8	29.8

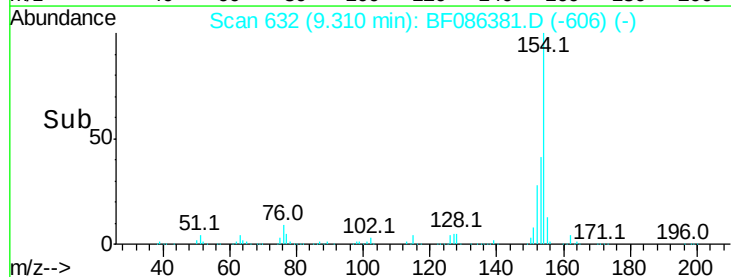
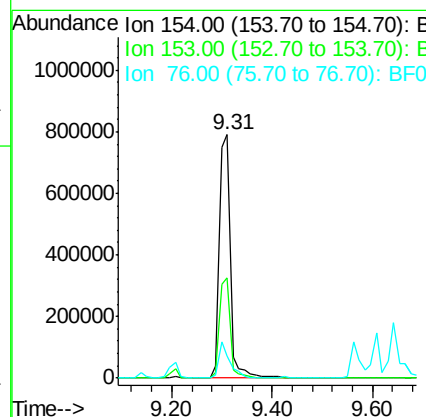
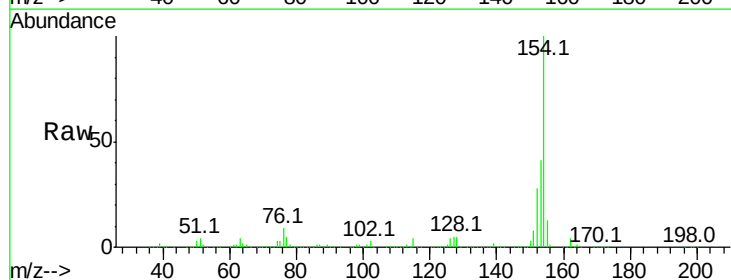
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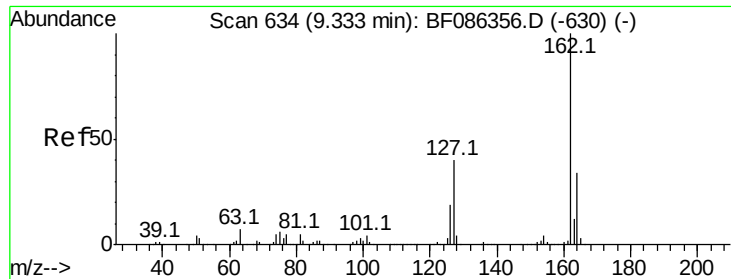
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#45
1,1'-Biphenyl
Concen: 46.73 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	9.2	0.0	30.2





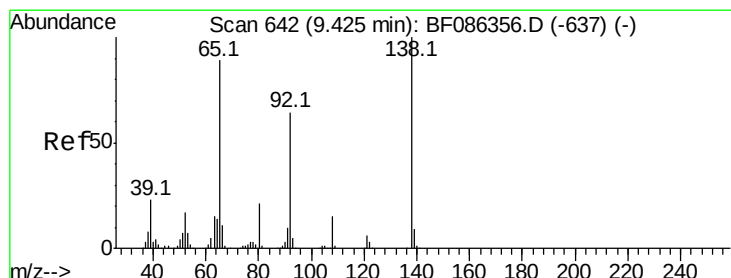
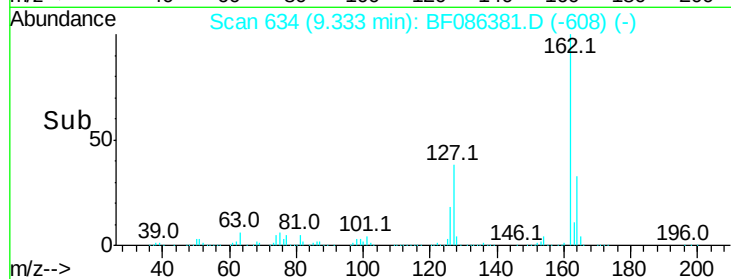
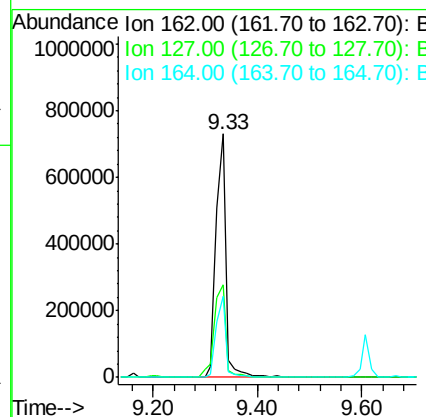
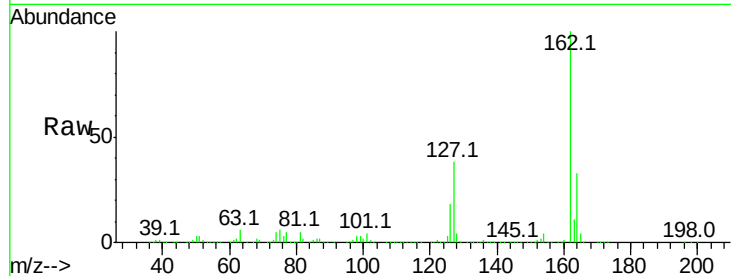
#46
2-Chloronaphthalene
Concen: 47.11 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.0	31.8	47.6
164	33.2	27.0	40.6

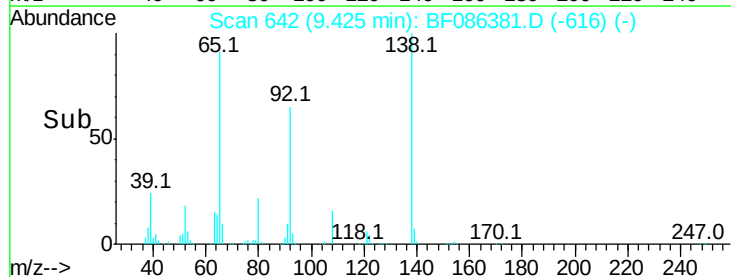
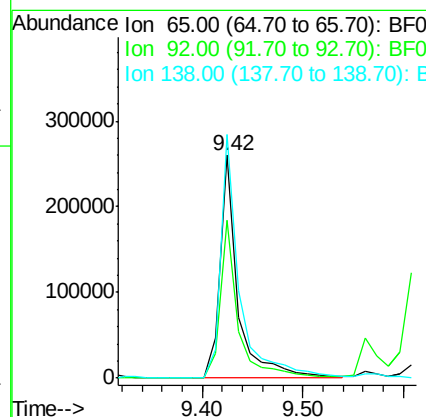
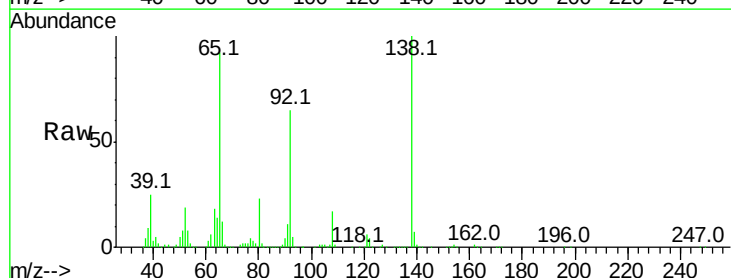
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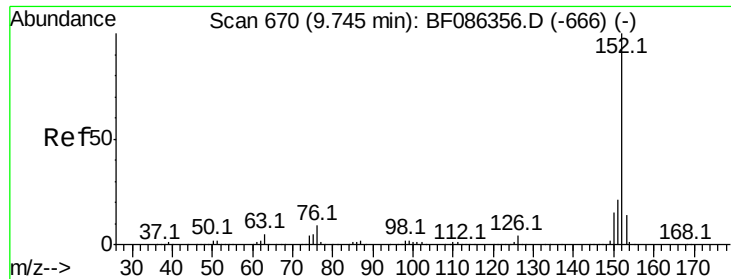
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#47
2-Nitroaniline
Concen: 50.42 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.9	57.4	86.2
138	109.2	90.1	135.1





#48

Acenaphthylene

Concen: 46.93 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

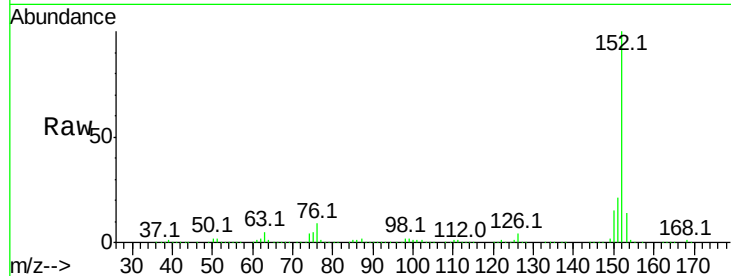
ClientSampleId :

WPG-B3(5-9)-CMSD

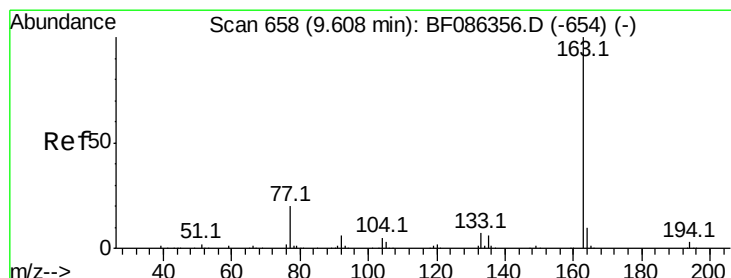
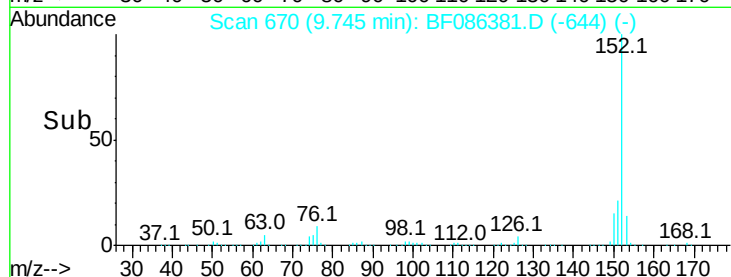
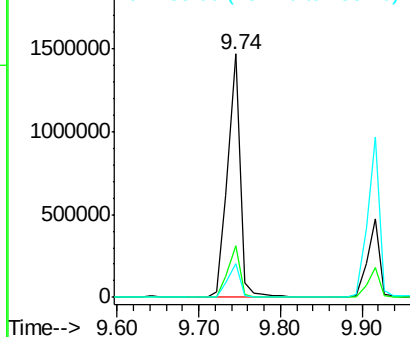
Tot Ion:	152	Resp:	1561341
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	13.6	10.9	16.3

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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: 50.67 ng

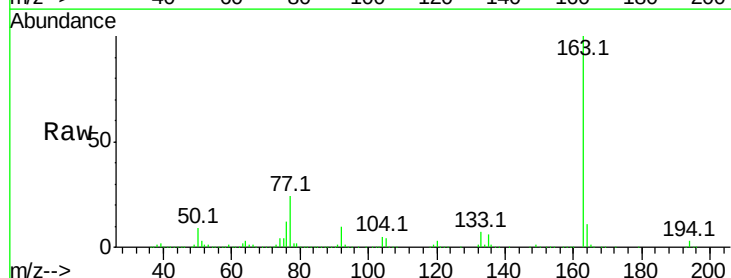
RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

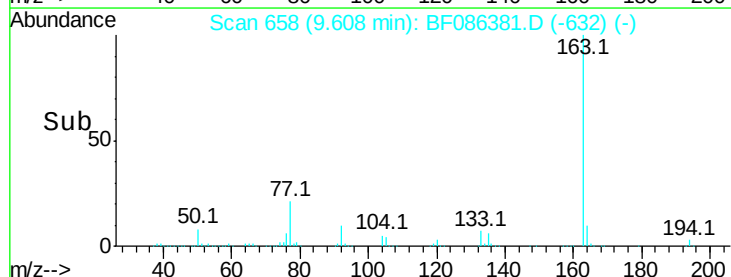
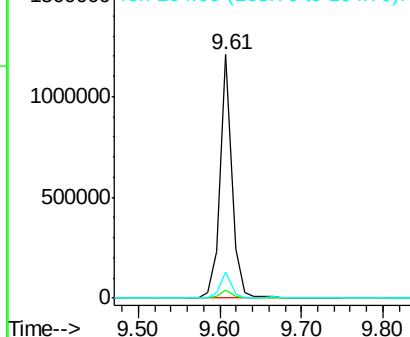
Lab File: BF086381.D

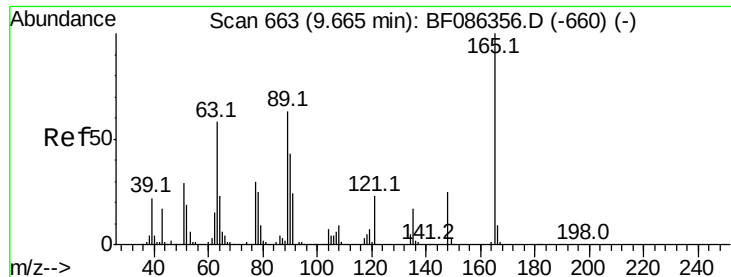
Acq: 23 Apr 2016 10:13

Tgt Ion:	163	Resp:	1223153
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.6	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: 46.40 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

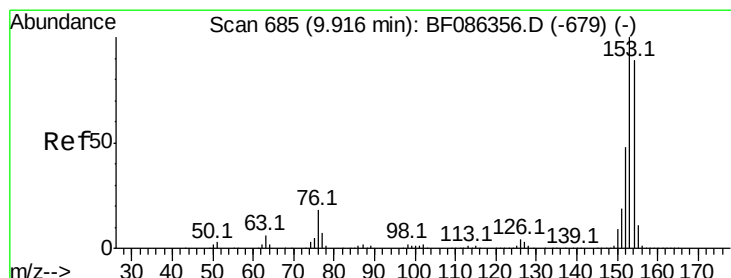
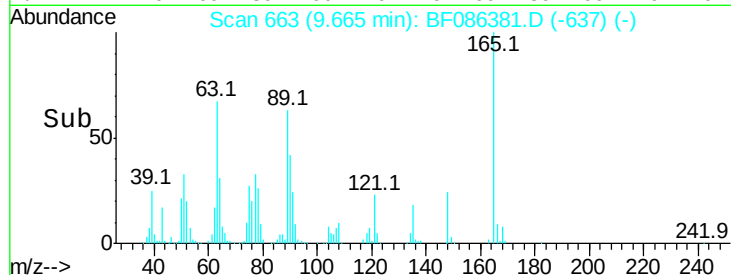
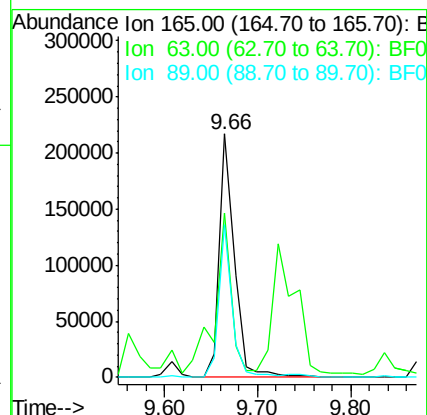
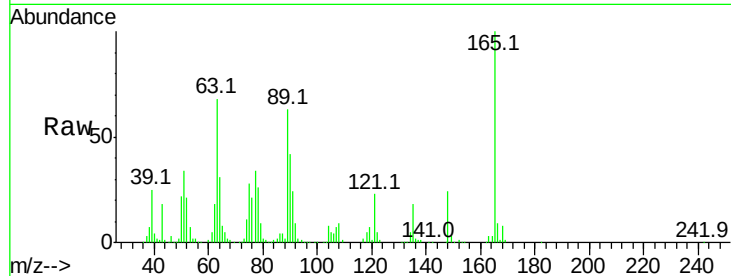
ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:	165	Resp:	241945
Ion Ratio	Lower	Upper	
165	100		
63	67.6	51.8	77.8
89	62.6	50.7	76.1

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#51

Acenaphthene

Concen: 46.42 ng

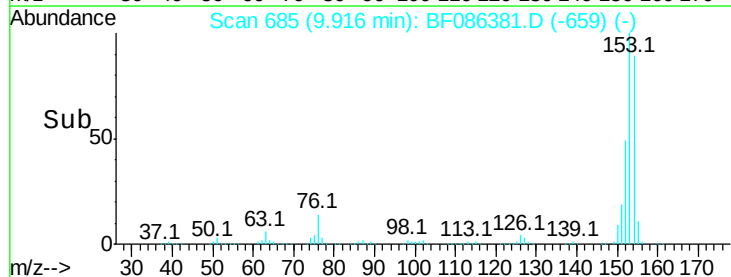
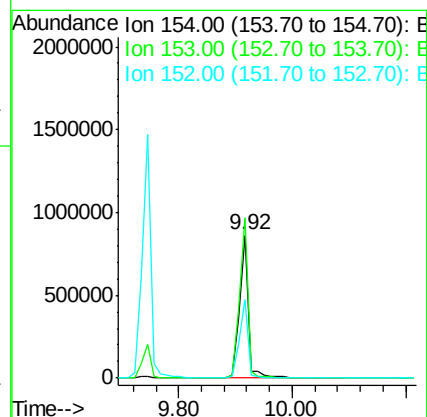
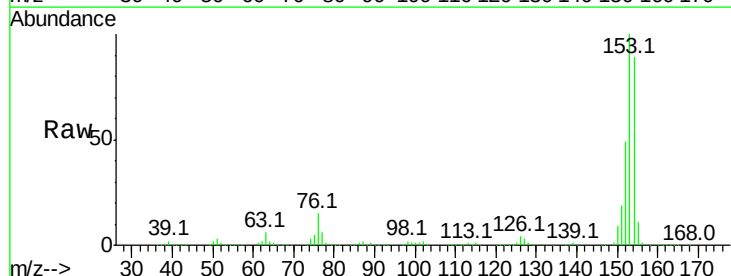
RT: 9.92 min Scan# 685

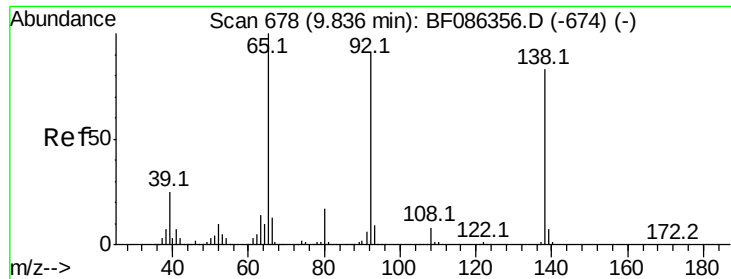
Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	154	Resp:	948638
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.8	134.6
152	55.2	43.4	65.0





#52

3-Nitroaniline

Concen: 28.69 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:138 Resp: 187269

Ion Ratio Lower Upper

138 100

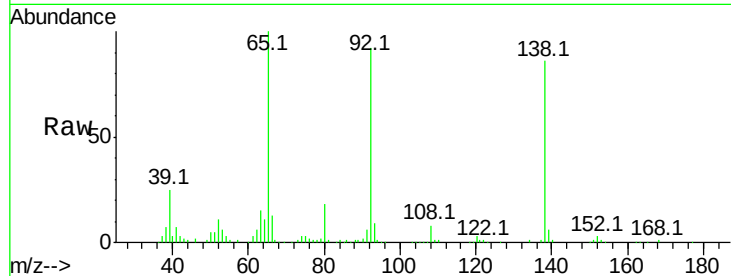
108 9.5 7.8 11.6

92 106.8 87.8 131.8

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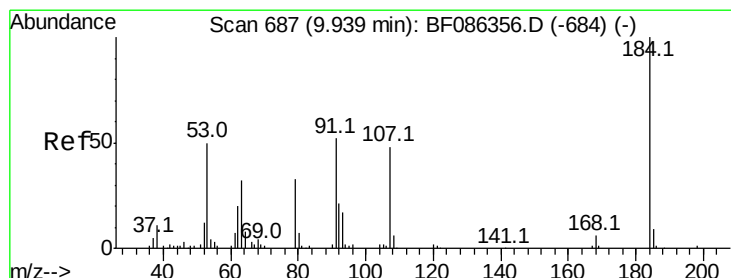
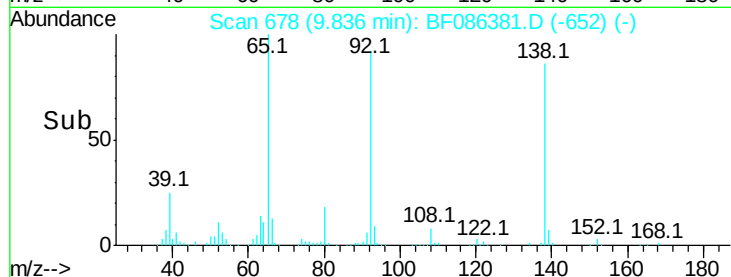
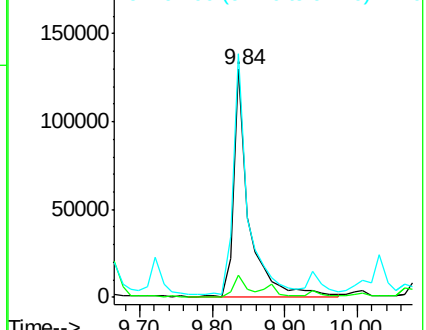
4/25/2016 12:36:54 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 26.54 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

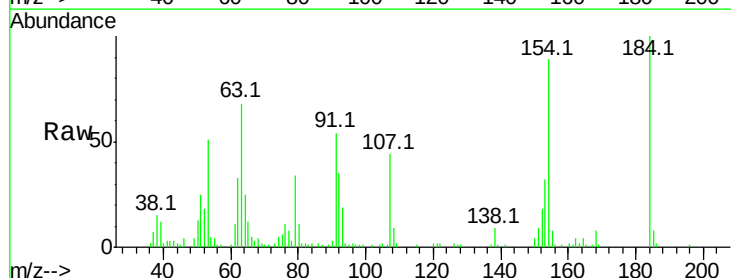
Tgt Ion:184 Resp: 71945

Ion Ratio Lower Upper

184 100

63 67.9 55.8 83.8

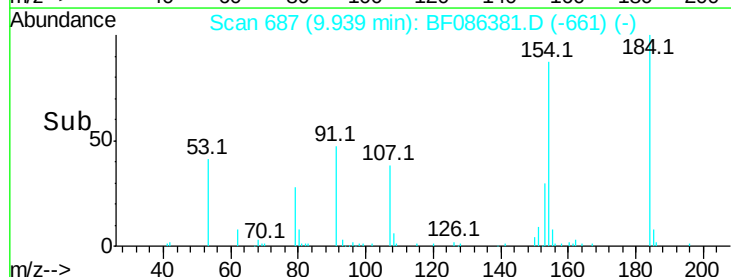
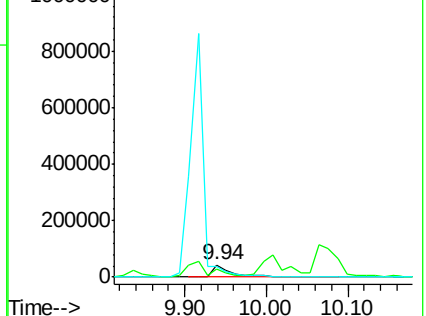
154 88.9 62.4 93.6

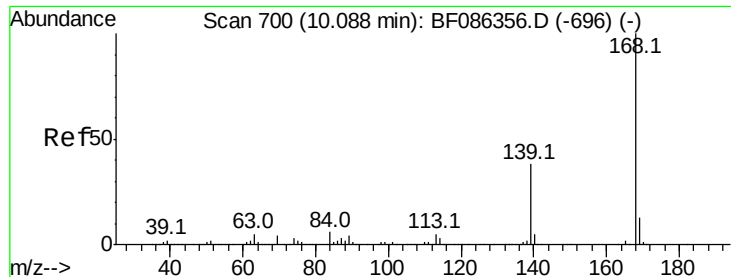


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 51.46 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:168 Resp: 1350630

Ion Ratio Lower Upper

168 100

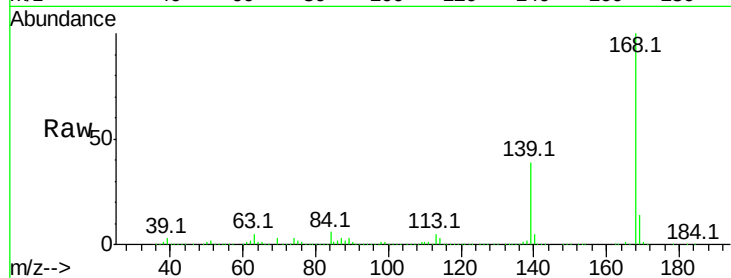
139 39.1 31.4 47.0

169 13.8 10.7 16.1

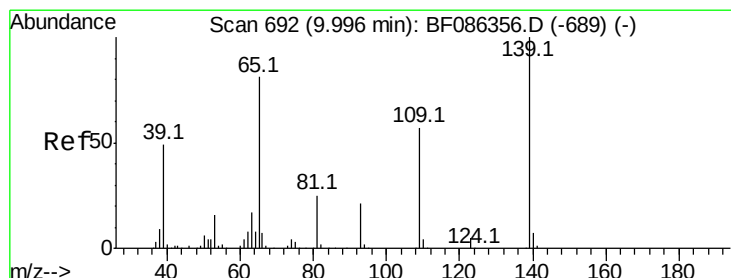
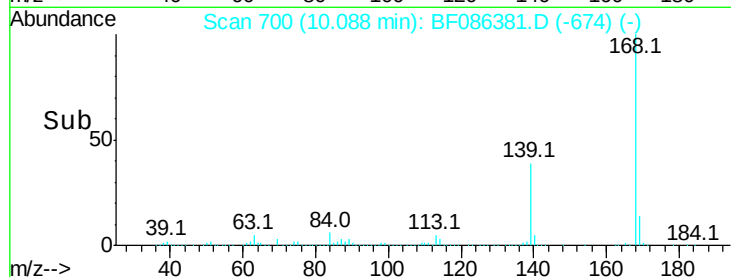
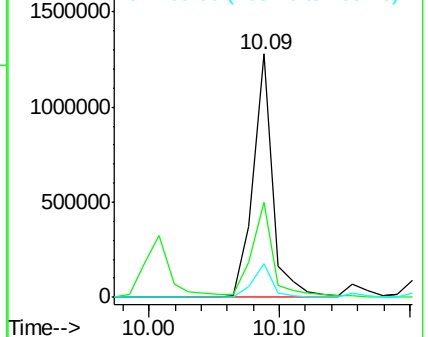
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 98.73 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

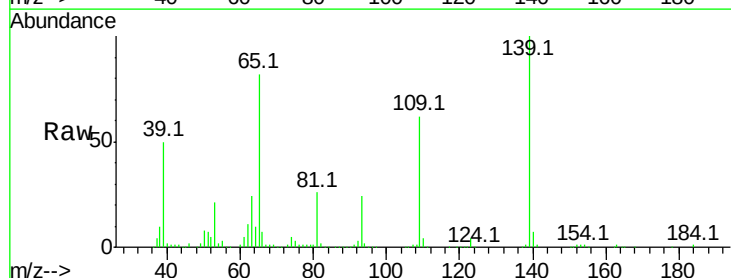
Tgt Ion:139 Resp: 450972

Ion Ratio Lower Upper

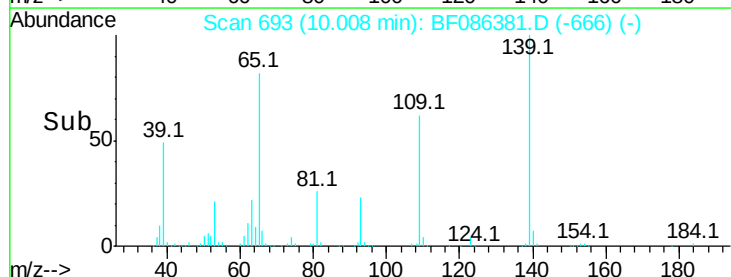
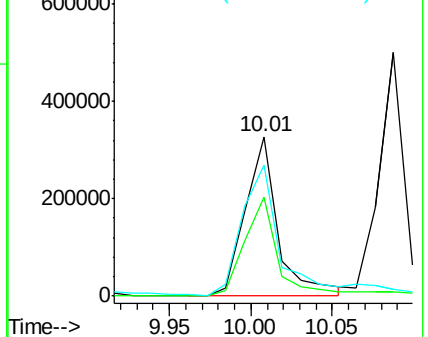
139 100

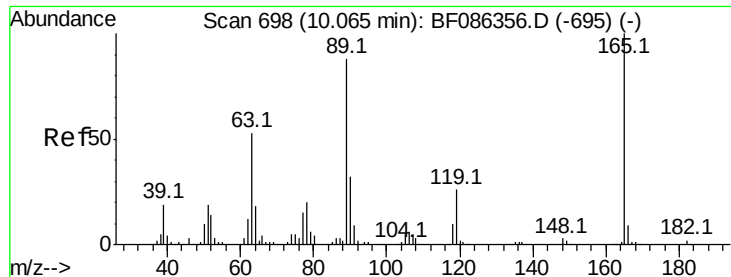
109 62.4 36.9 76.9

65 82.3 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: 49.61 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:165 Resp: 343483
Ion Ratio Lower Upper

165 100

63 40.8 44.3 66.5#

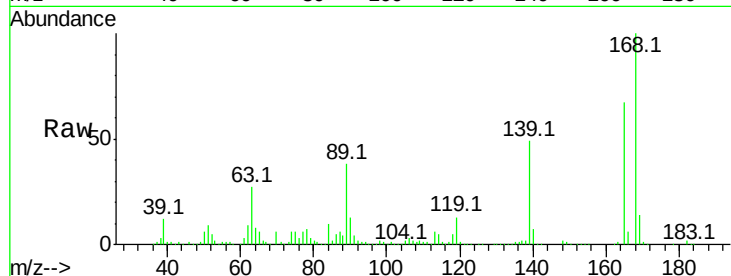
89 57.3 70.0 105.0#

182 2.4 1.8 2.6

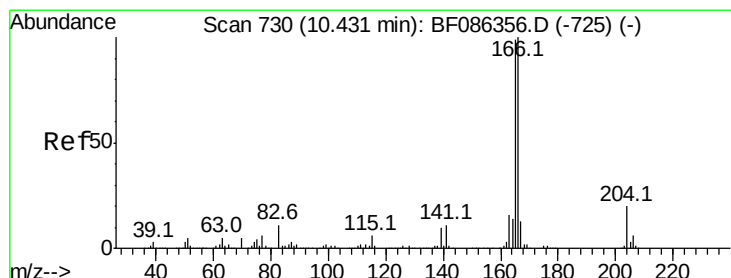
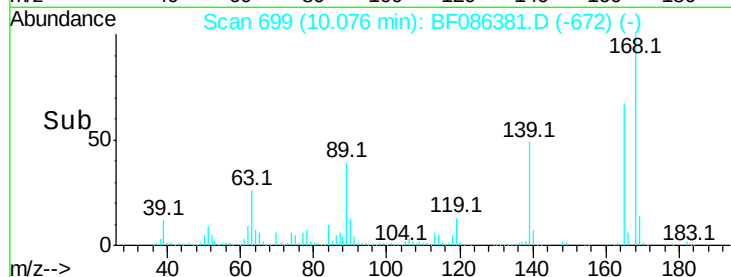
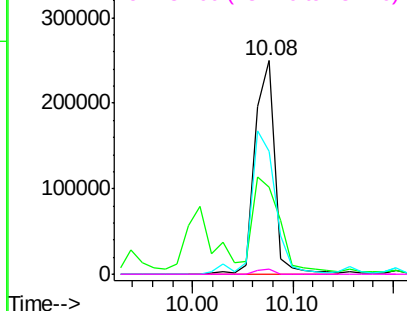
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 47.01 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086381.D

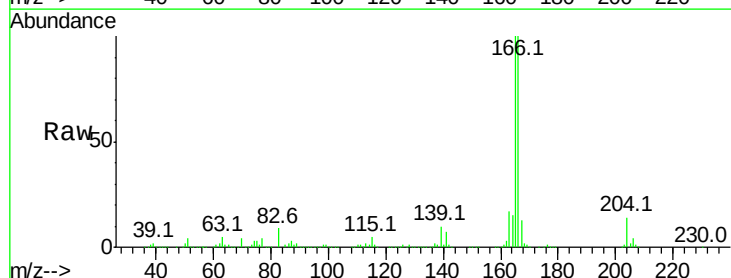
Acq: 23 Apr 2016 10:13

Tgt Ion:166 Resp: 1011174
Ion Ratio Lower Upper

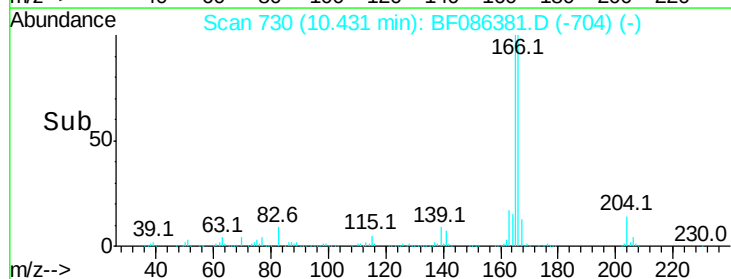
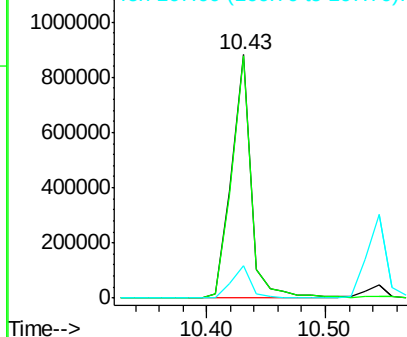
166 100

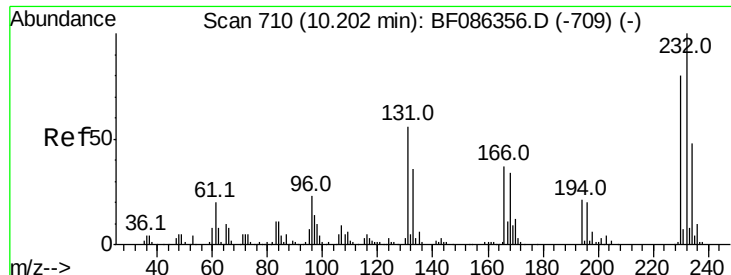
165 99.8 79.0 118.6

167 13.3 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





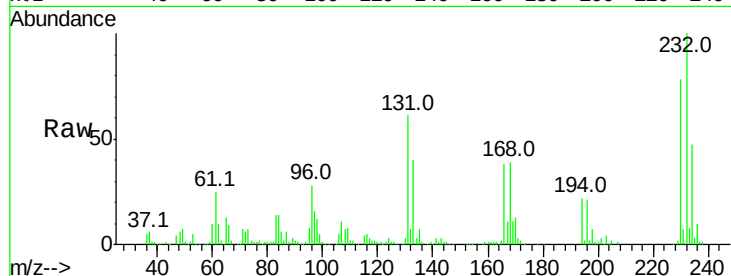
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.65 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

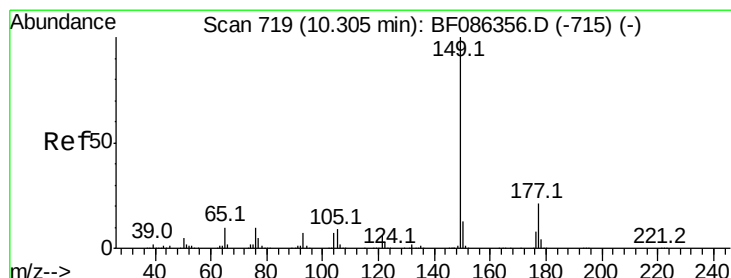
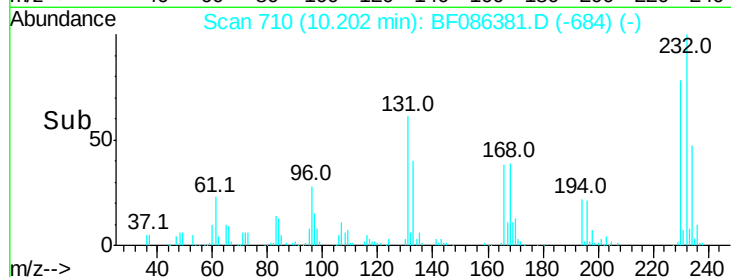
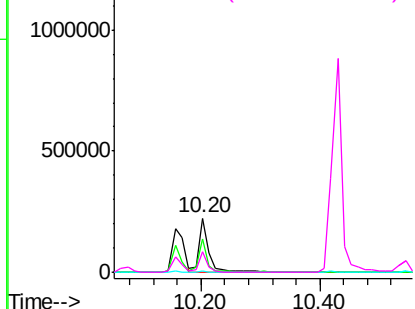
Tot Ion	Ratio	Resp	Lower	Upper
232	100	263487		
131	53.5	41.9	62.9	
130	2.7	2.2	3.4	
166	31.5	26.8	40.2	

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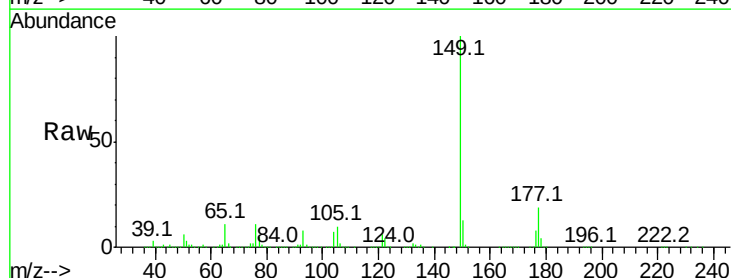


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

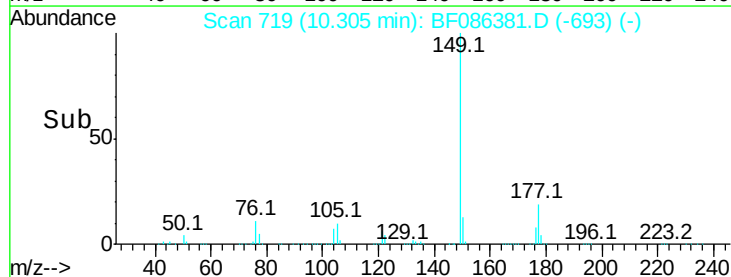
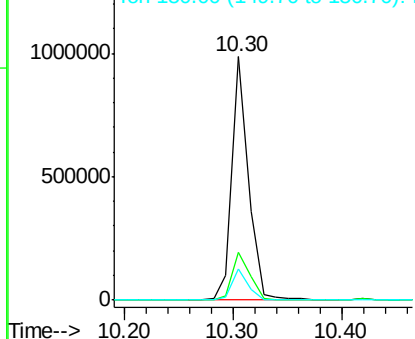


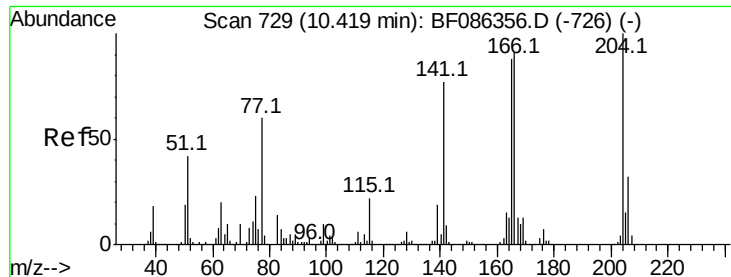
#59
 Diethylphthalate
 Concen: 44.55 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1029819		
177	19.4	16.6	24.8	
150	12.7	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: 43.41 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:204 Resp: 408351

Ion Ratio Lower Upper

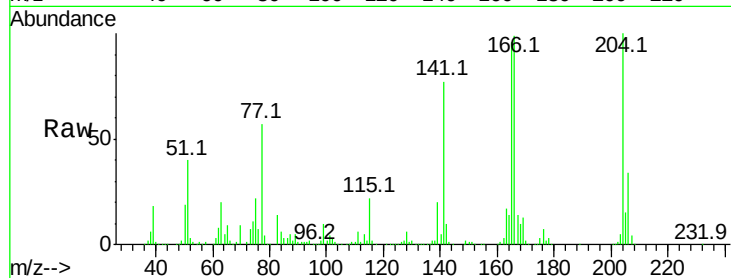
204 100

206 33.7 25.4 38.0

141 77.2 61.6 92.4

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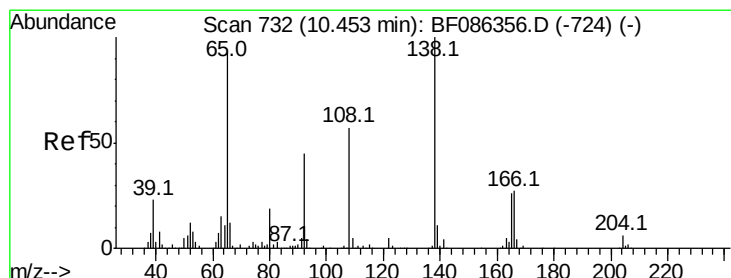
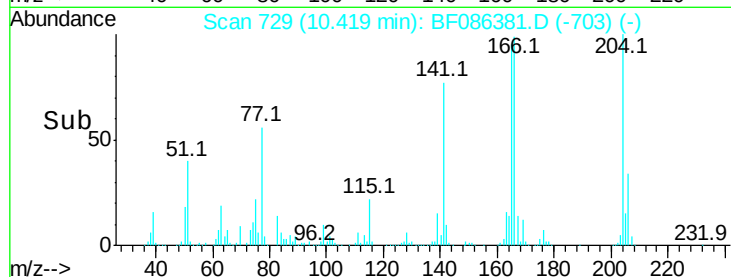
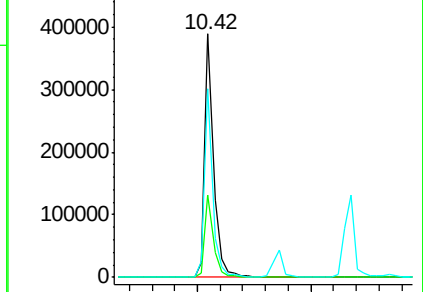
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 46.96 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

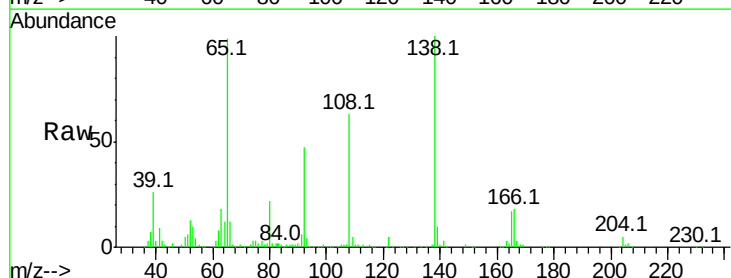
Tgt Ion:138 Resp: 313741

Ion Ratio Lower Upper

138 100

92 46.6 24.7 64.7

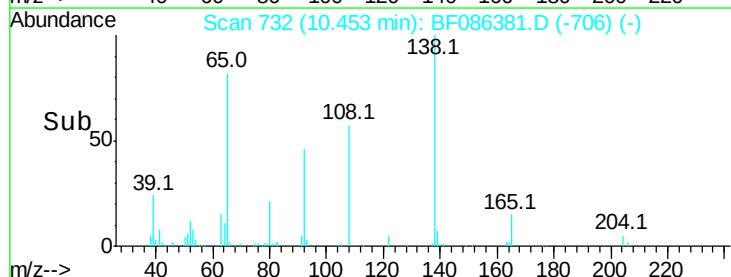
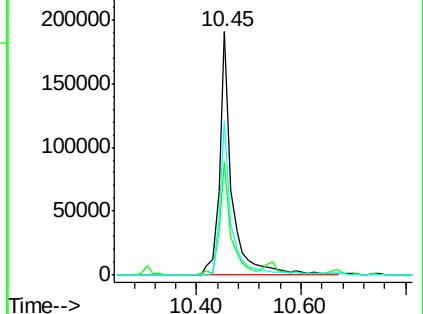
108 63.2 37.4 77.4

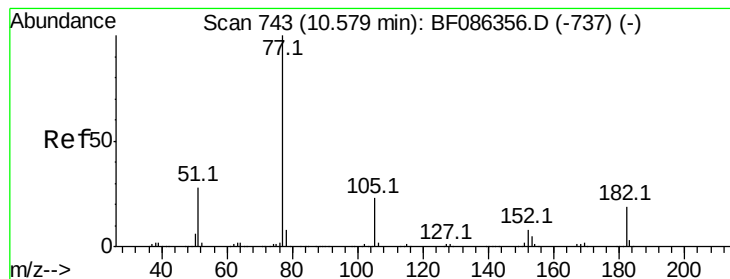


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 48.41 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion: 77 Resp: 1160472

Ion Ratio Lower Upper

77 100

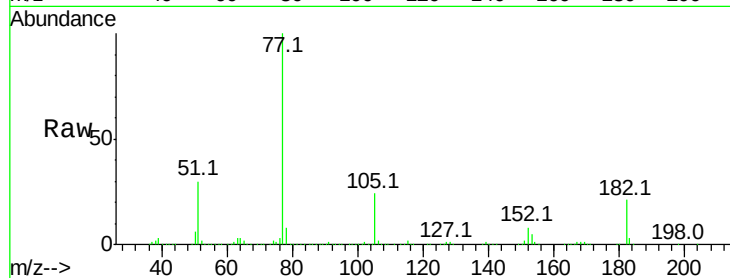
182 21.2 0.0 38.8

105 23.6 3.2 43.2

51 30.3 8.8 48.8

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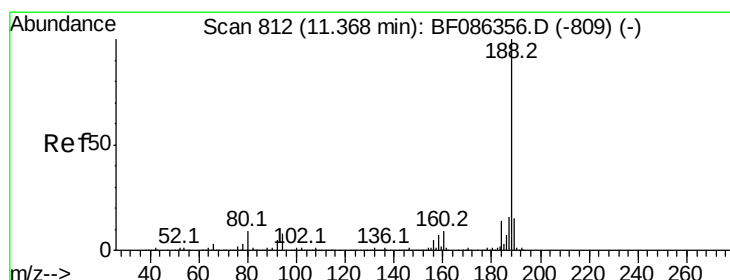
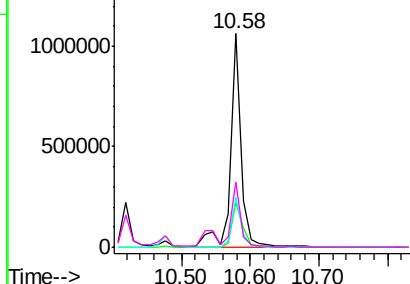
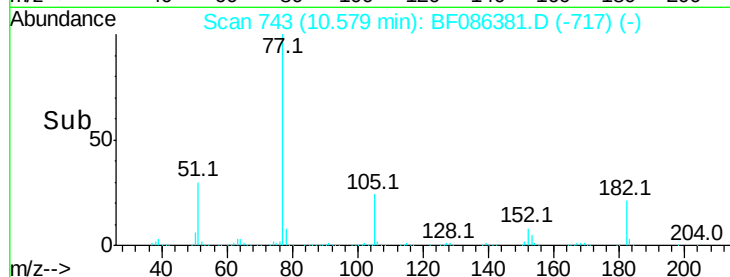


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086381.D

Acq: 23 Apr 2016 10:13

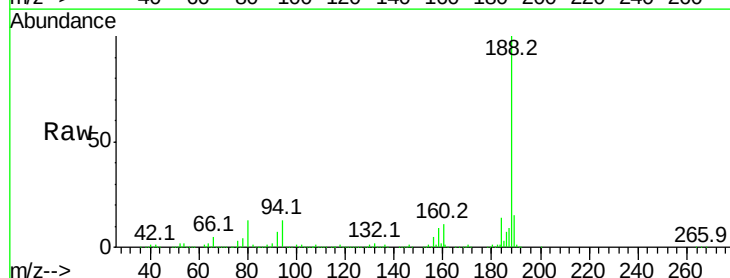
Tgt Ion: 188 Resp: 628182

Ion Ratio Lower Upper

188 100

94 13.1 6.8 10.2#

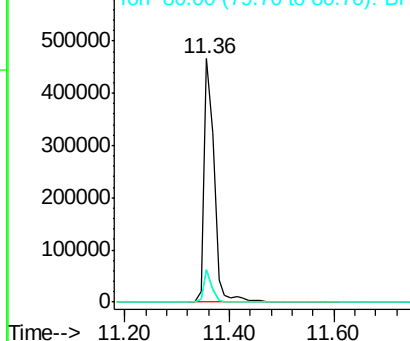
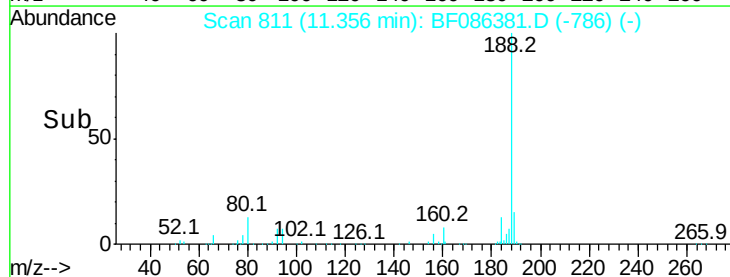
80 13.3 7.1 10.7#

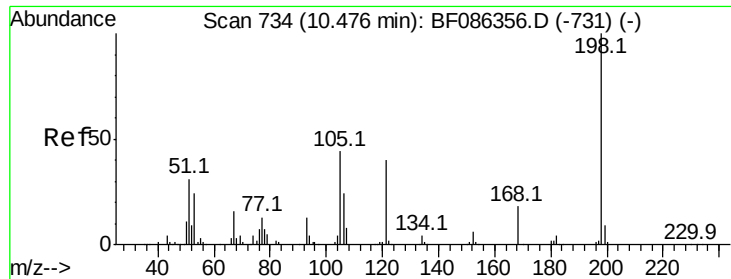


Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.82 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

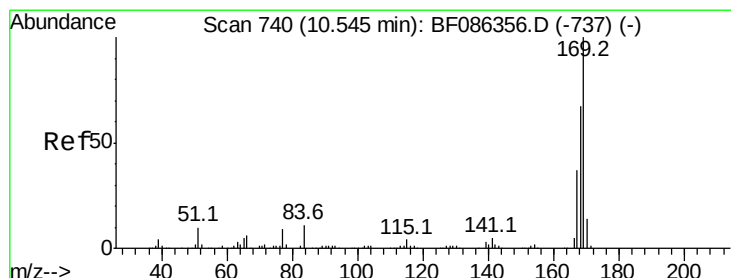
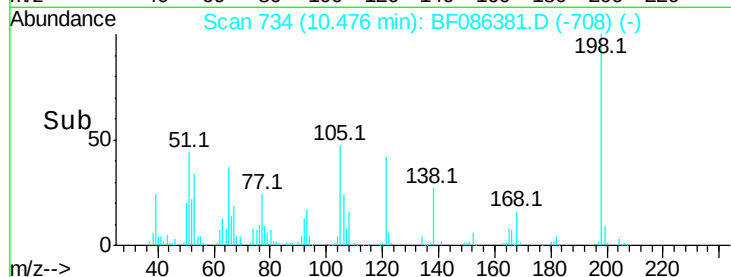
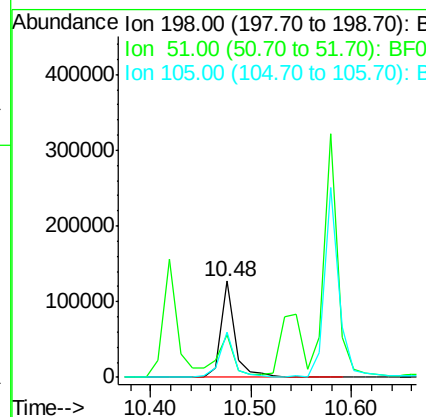
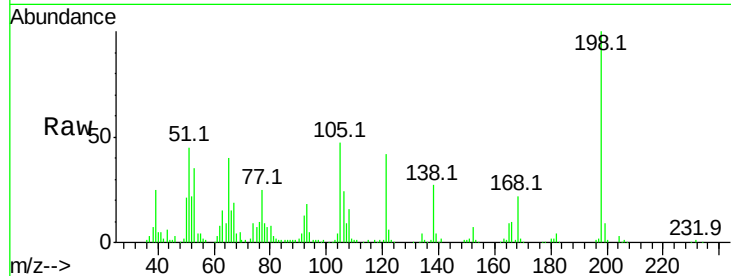
ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:	198	Resp:	125990
Ion Ratio	Lower	Upper	
198	100		
51	45.0	20.5	60.5
105	47.1	24.5	64.5

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#65

n-Nitrosodiphenylamine

Concen: 48.49 ng

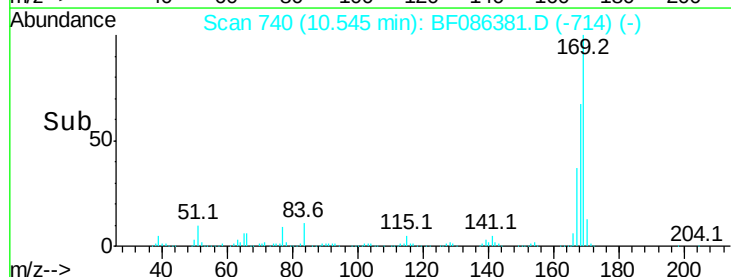
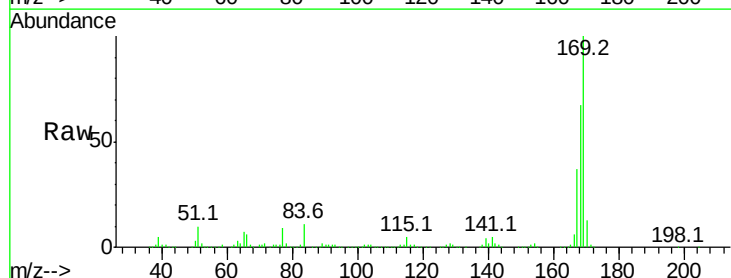
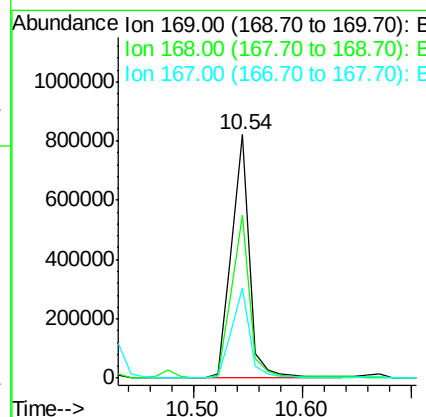
RT: 10.54 min Scan# 740

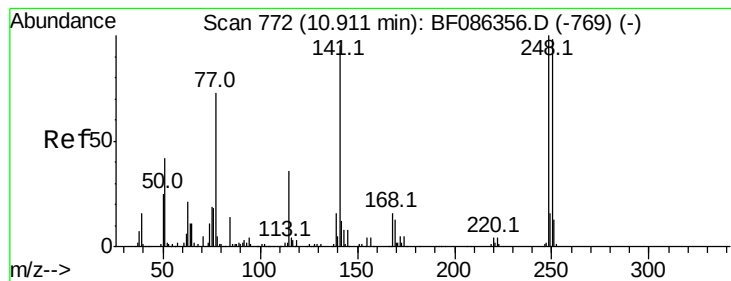
Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	169	Resp:	939190
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.8	80.6
167	36.7	29.5	44.3





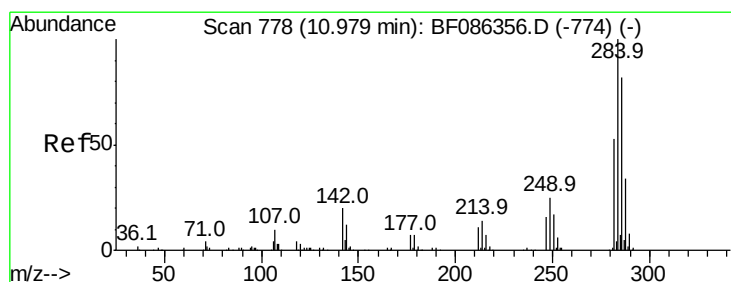
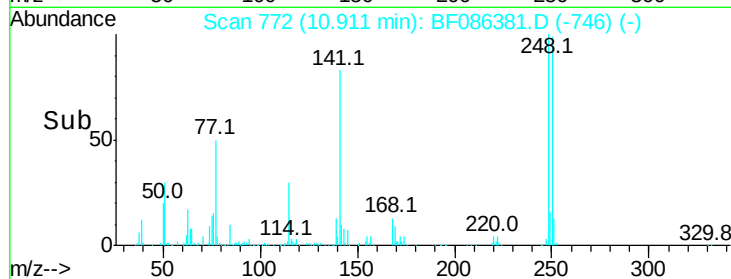
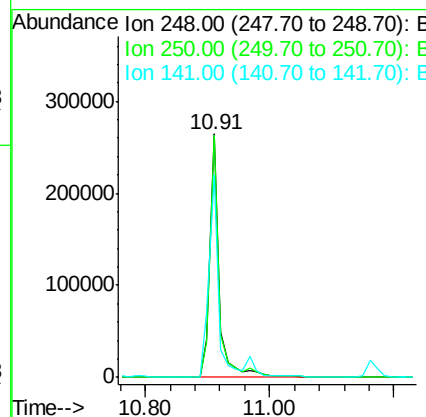
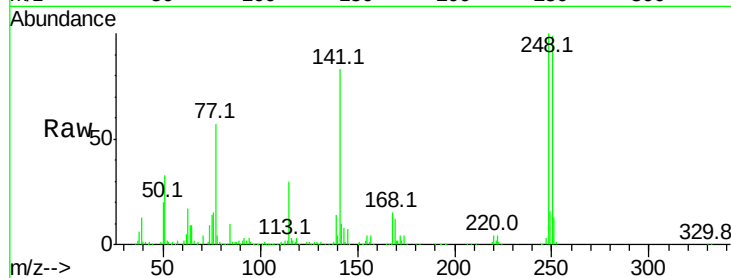
#66
4-Bromophenyl-phenylether
Concen: 46.15 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.6	117.8
141	83.2	76.0	114.0

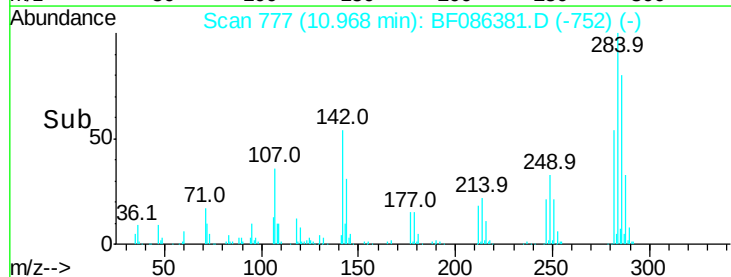
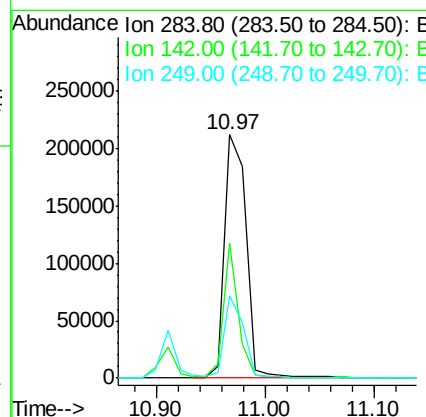
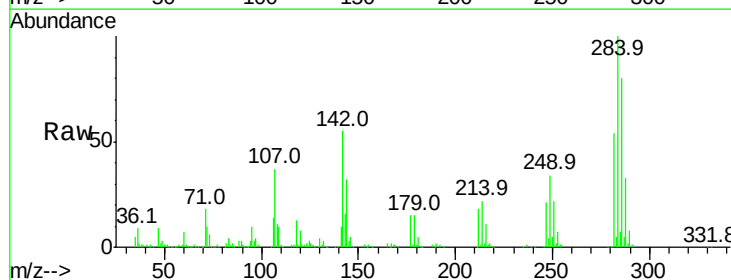
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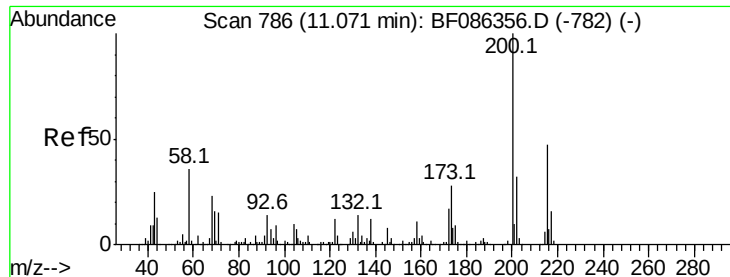
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#67
Hexachlorobenzene
Concen: 44.61 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	55.1	16.7	25.1#
249	33.8	21.3	31.9#





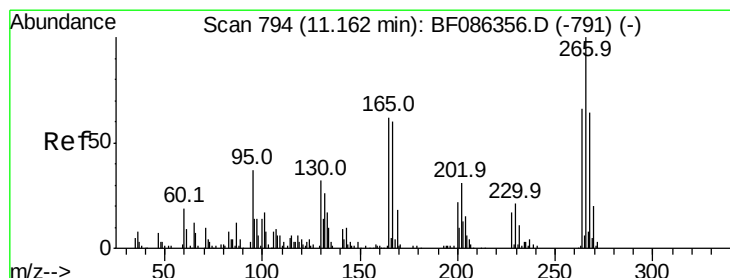
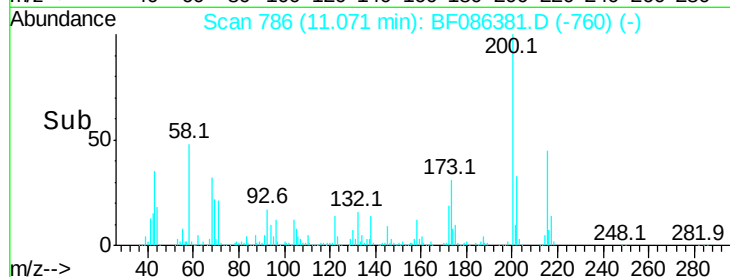
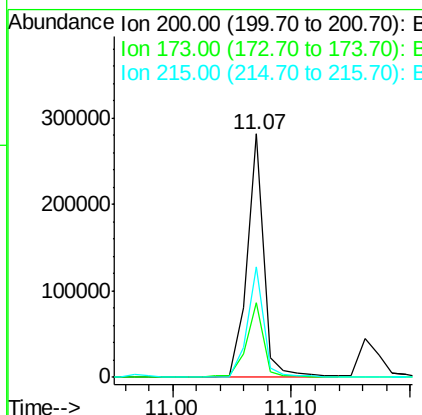
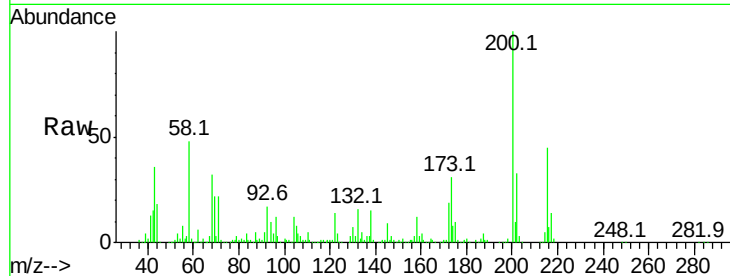
#68
Atrazine
Concen: 46.58 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100	278600		
173	30.7	8.5	48.5	
215	45.4	27.2	67.2	

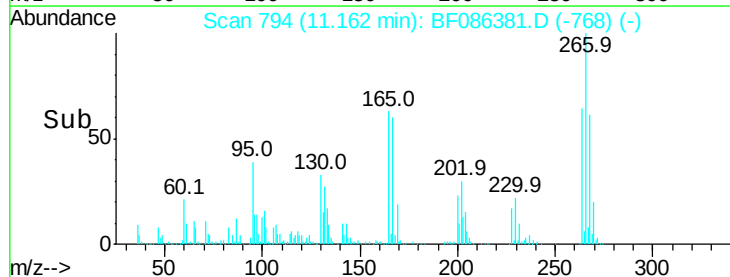
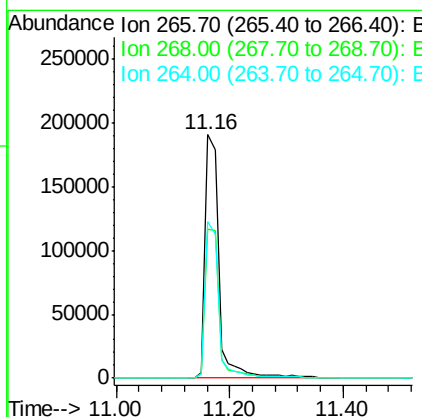
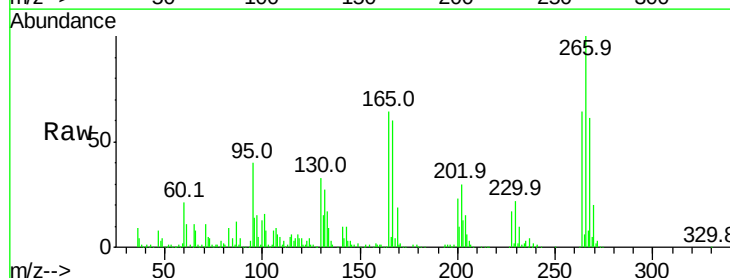
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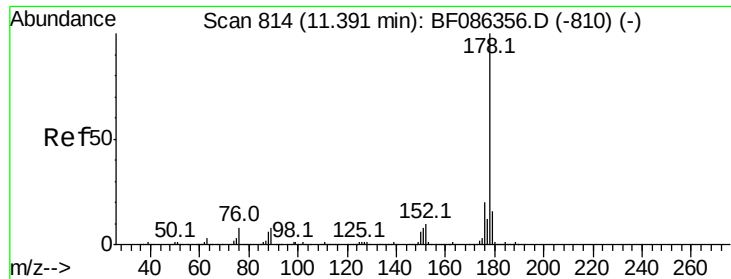
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4/25/2016 12:36:54 PM



#69
Pentachlorophenol
Concen: 80.47 ng
RT: 11.16 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	310118		
268	60.9	51.5	77.3	
264	64.1	52.9	79.3	





#70

Phenanthrene

Concen: 47.06 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:178 Resp: 1485449

Ion Ratio Lower Upper

178 100

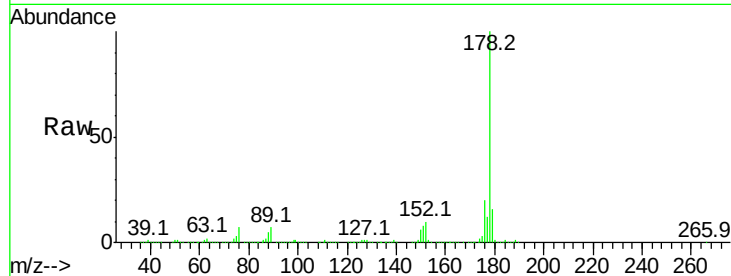
176 20.1 16.0 24.0

179 15.8 12.6 18.8

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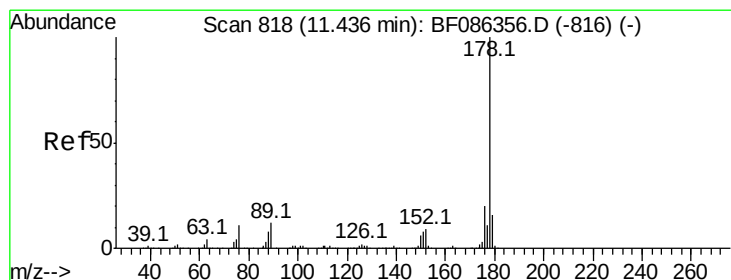
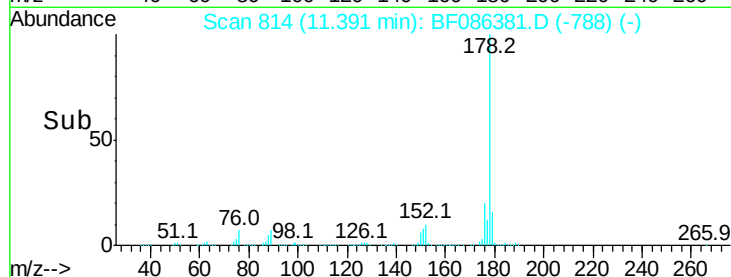
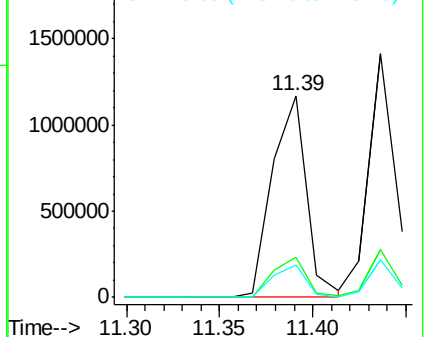
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 43.71 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

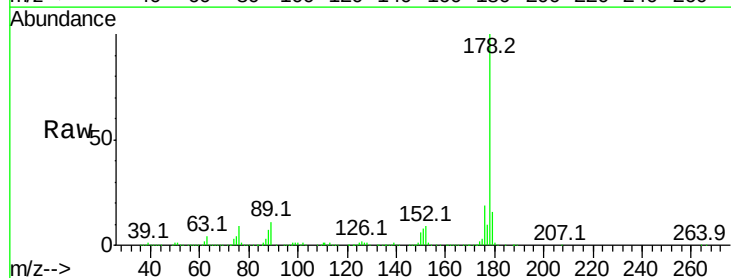
Tgt Ion:178 Resp: 1580854

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

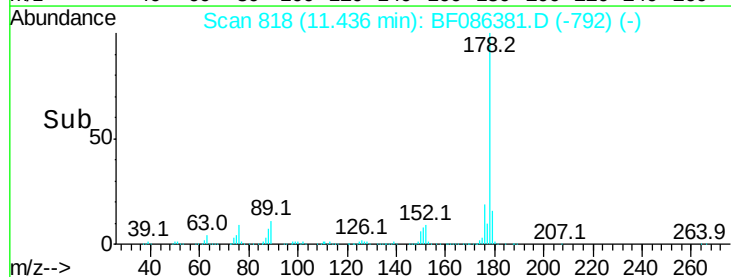
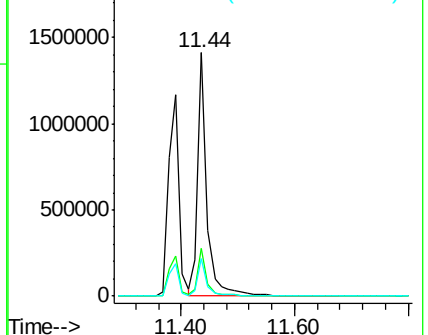
179 15.7 12.7 19.1

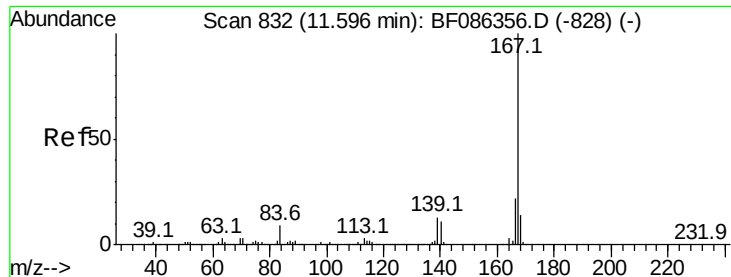


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72
 Carbazole
 Concen: 47.88 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

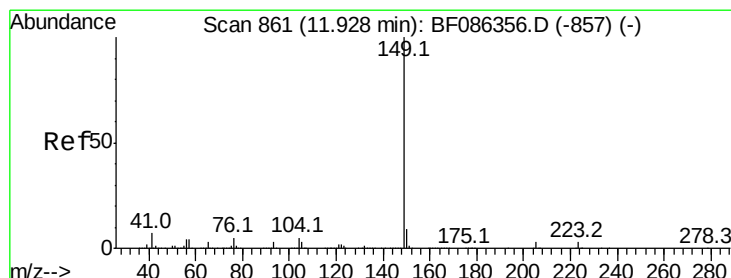
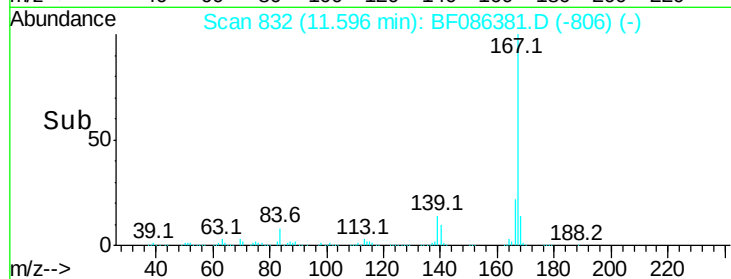
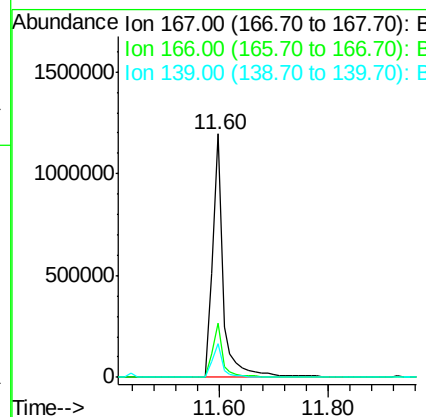
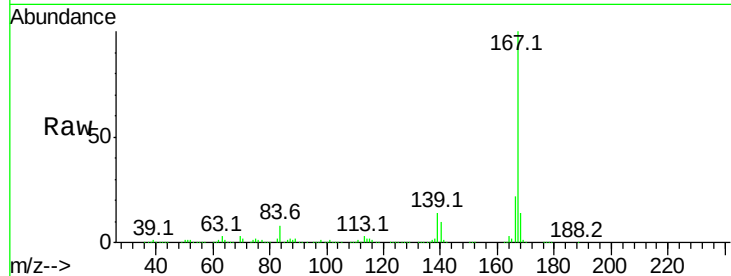
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-CMSD

Tot Ion:167 Resp: 1626541

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	13.7	10.8	16.2

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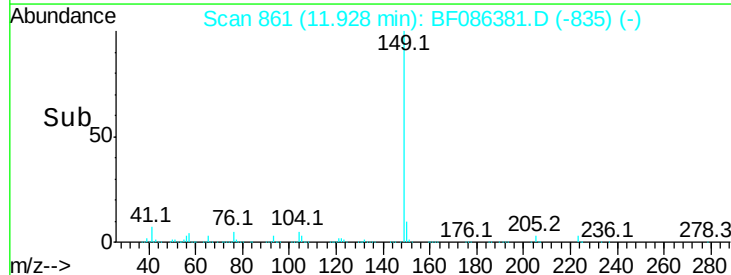
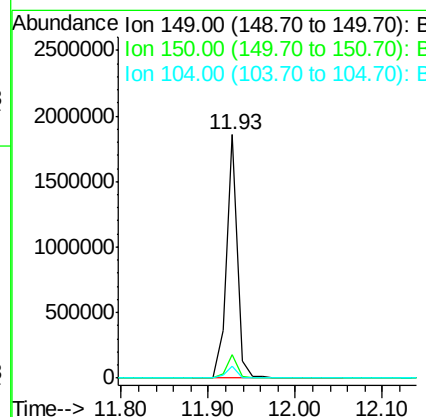
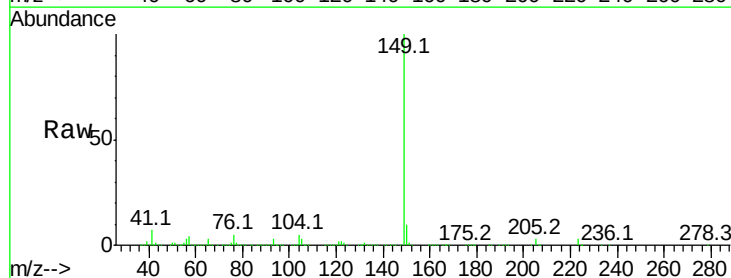
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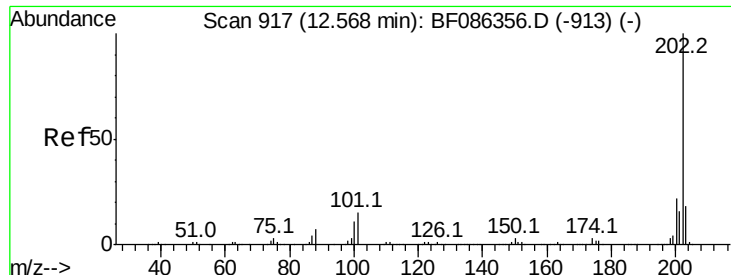


#73
 Di-n-butylphthalate
 Concen: 46.33 ng
 RT: 11.93 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion:149 Resp: 1655562

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.9	3.8	5.6





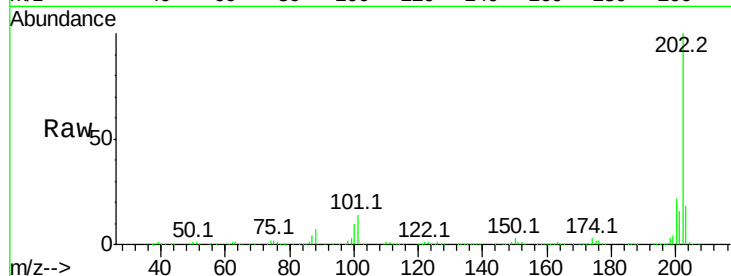
#74
Fluoranthene
 Concen: 43.81 ng
 RT: 12.57 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

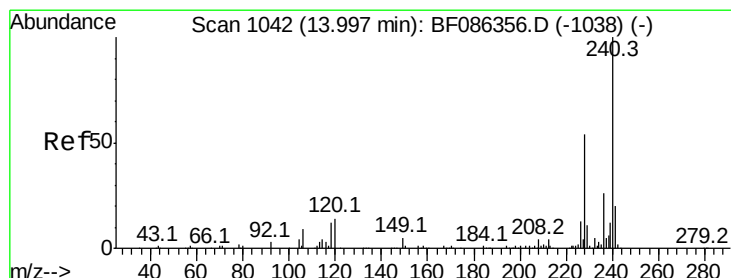
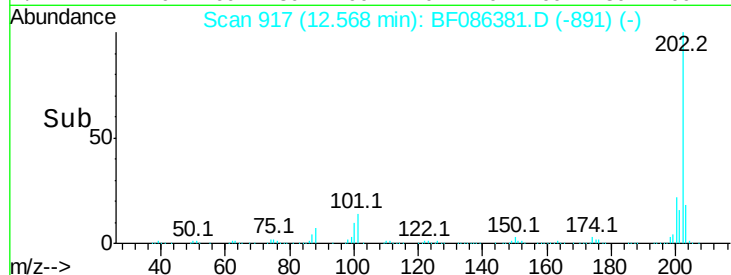
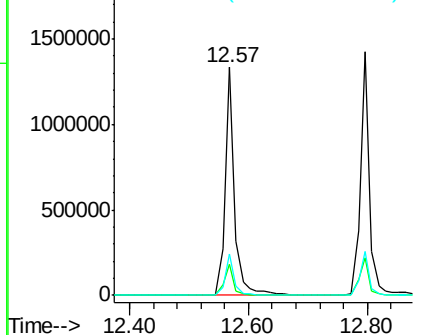
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1491480		
101	13.7		0.0	35.4
203	17.9		0.0	38.1

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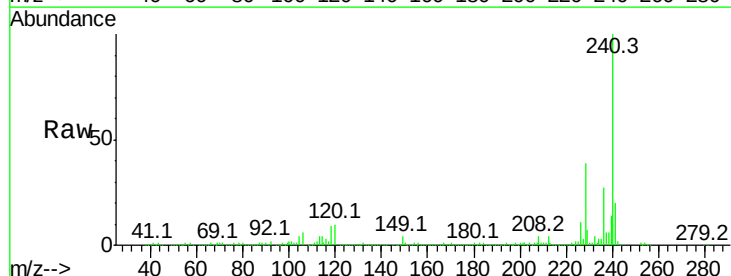


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

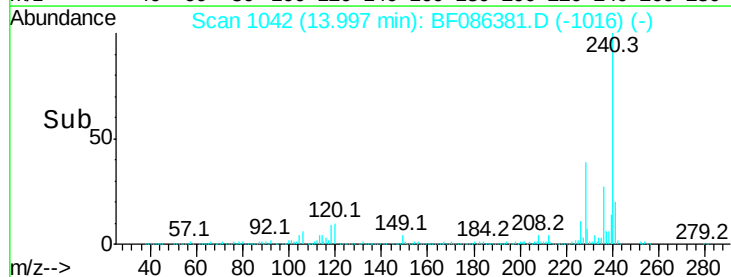
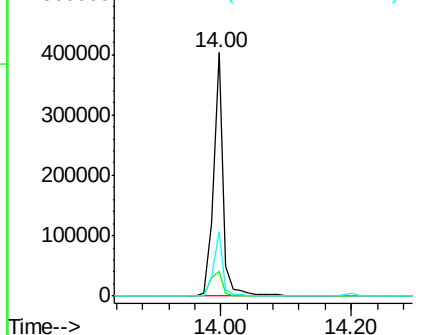


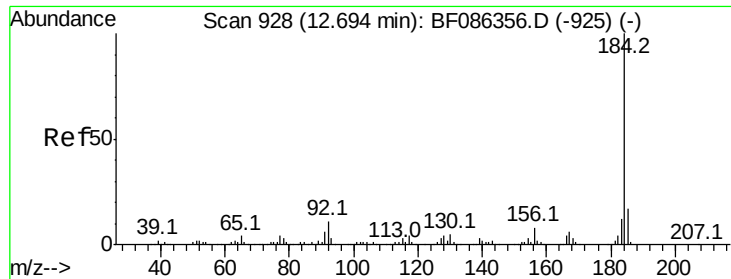
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	425394		
120	9.9		11.2	16.8#
236	26.6		21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 32.71 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

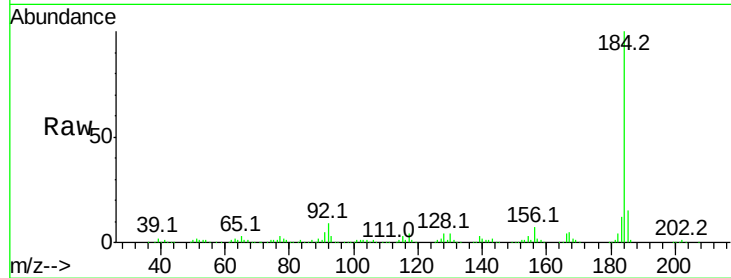
ClientSampleId :

WPG-B3(5-9)-CMSD

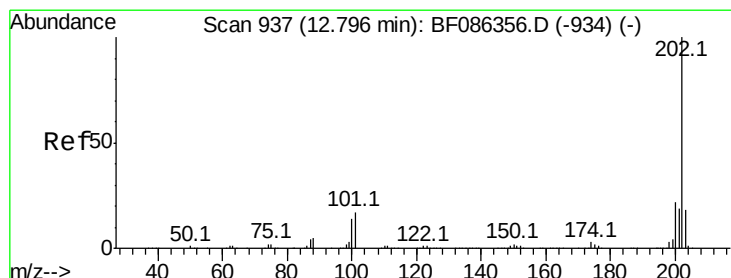
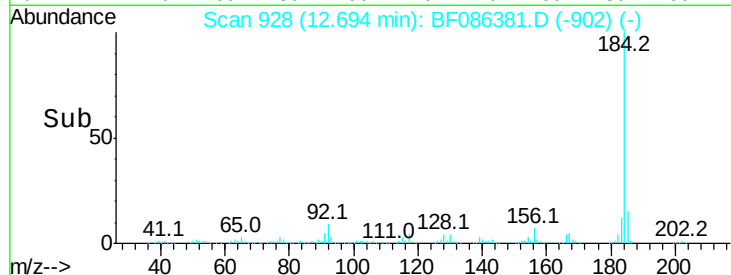
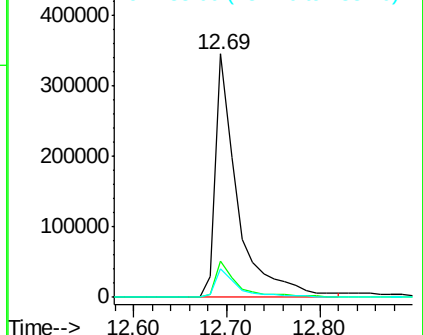
Tot Ion:	184	Resp:	570580
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.6	20.4
183	11.9	9.8	14.6

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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: 50.85 ng

RT: 12.80 min Scan# 937

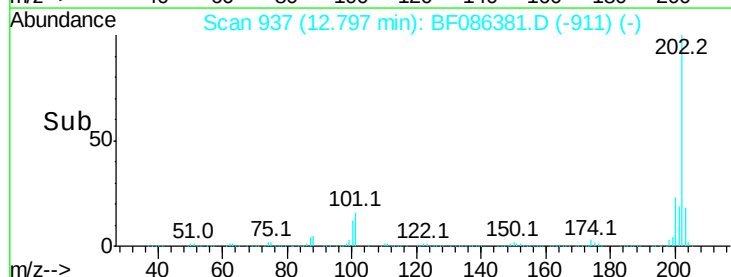
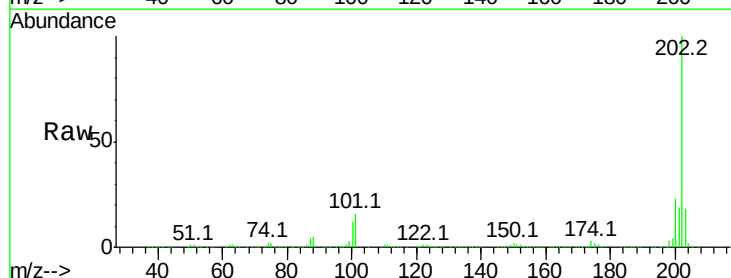
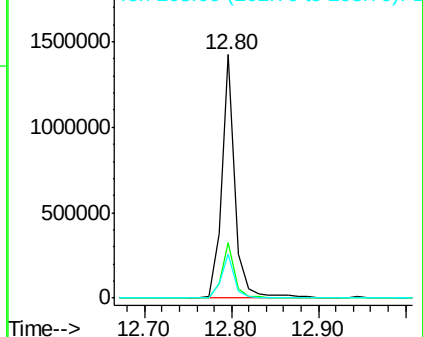
Delta R.T. 0.00 min

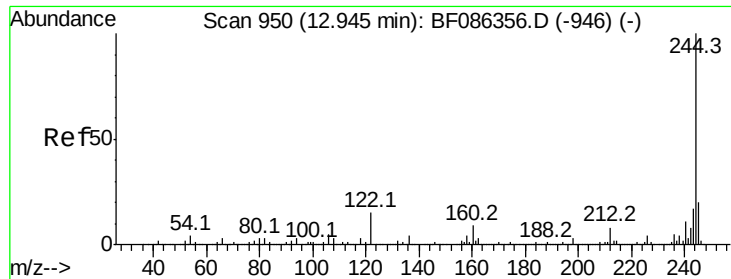
Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Tgt Ion:	202	Resp:	1508606
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	17.9	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





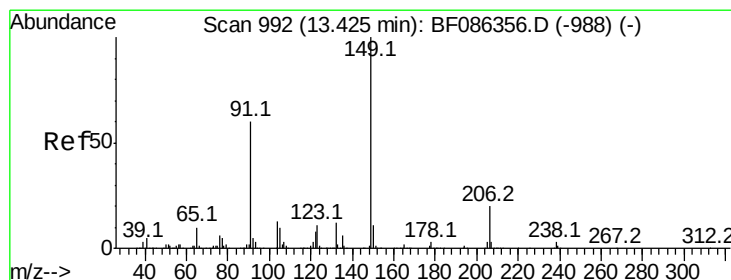
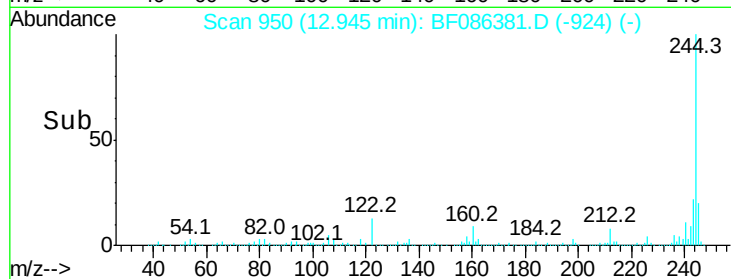
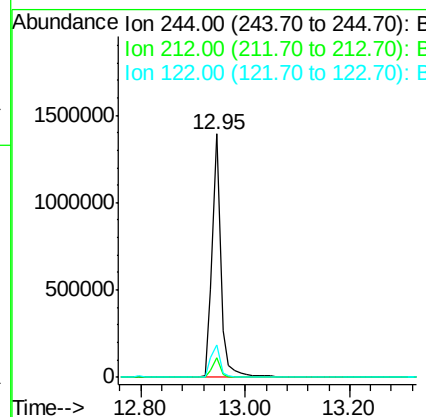
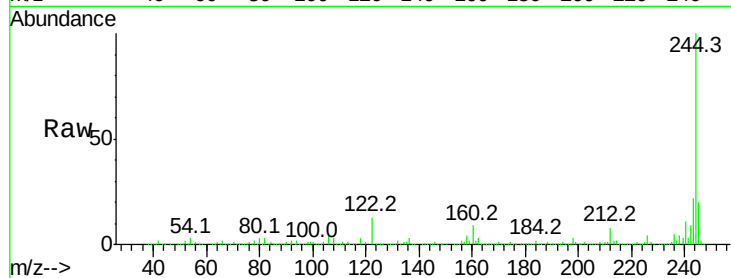
#78
 Terphenyl-d14
 Concen: 96.13 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.4	12.0	18.0

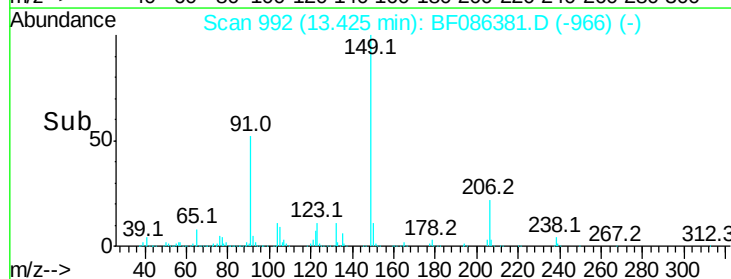
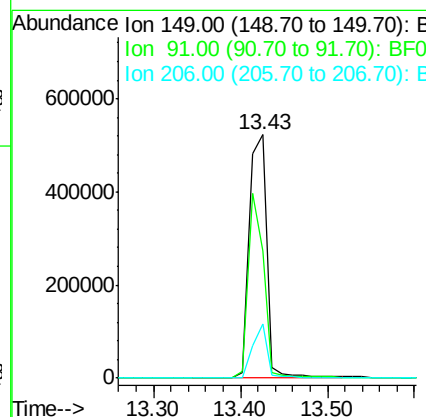
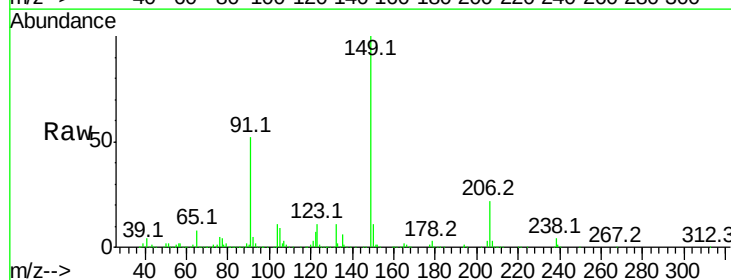
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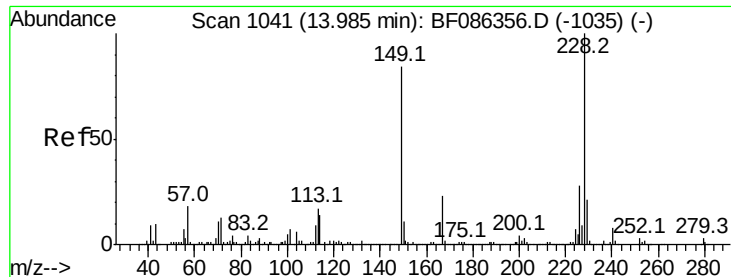
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#79
 Butylbenzylphthalate
 Concen: 53.24 ng
 RT: 13.43 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	52.4	48.0	72.0
206	22.2	15.8	23.6





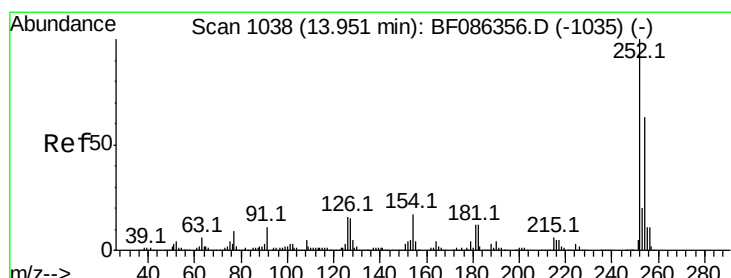
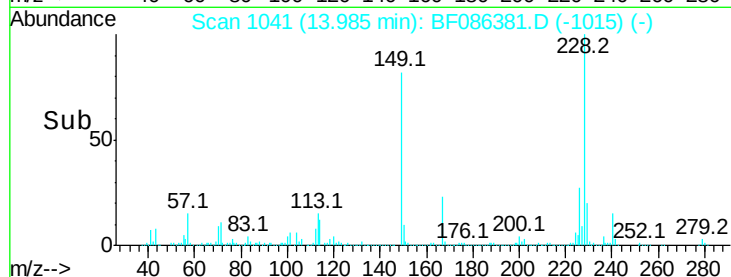
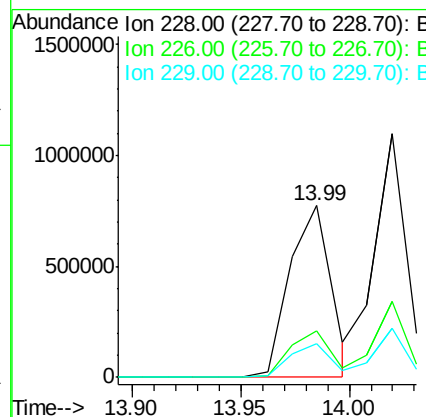
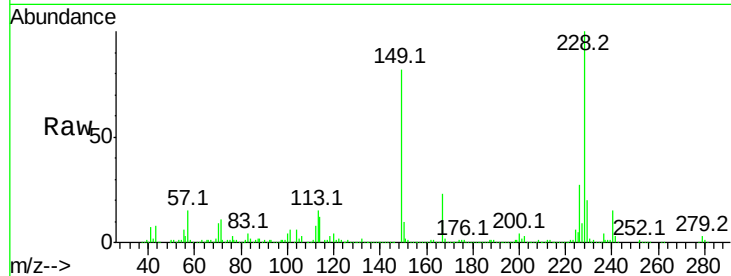
#80
 Benzo(a)anthracene
 Concen: 46.67 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.5	33.7
229	19.8	16.6	25.0

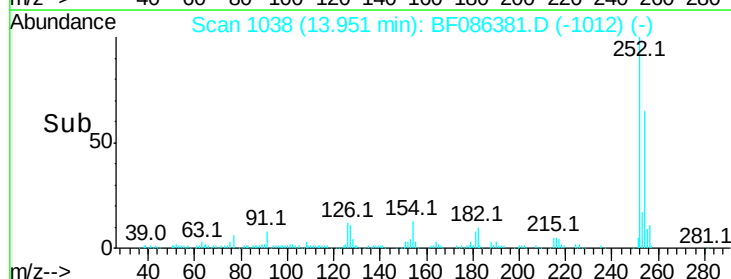
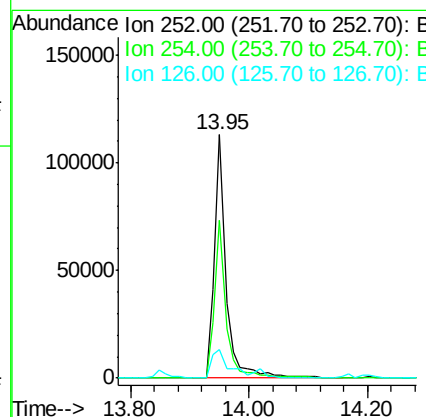
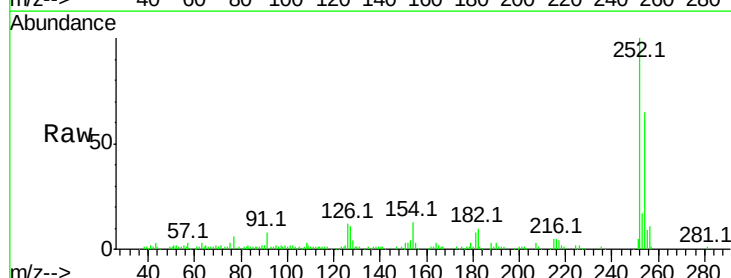
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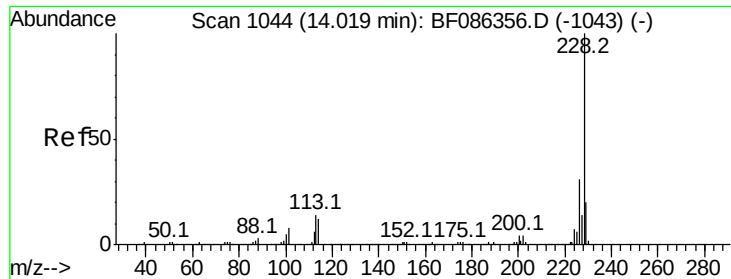
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#81
 3,3'-Dichlorobenzidine
 Concen: 10.24 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086381.D
 Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	11.5	12.7	19.1#





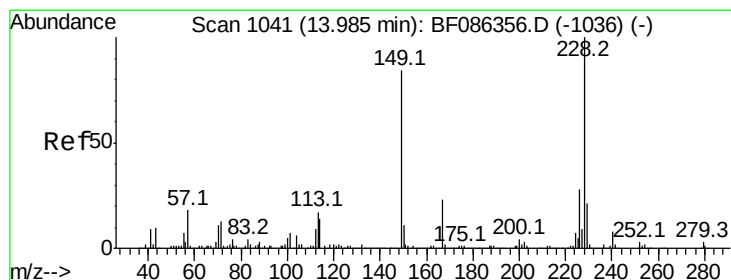
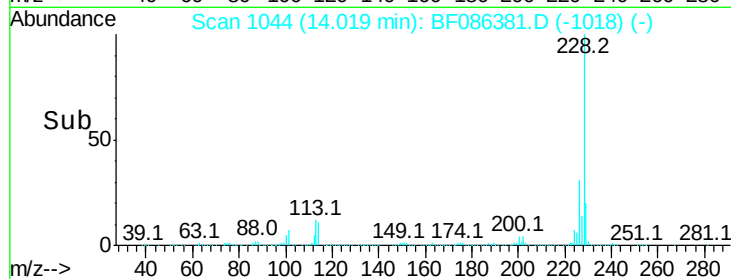
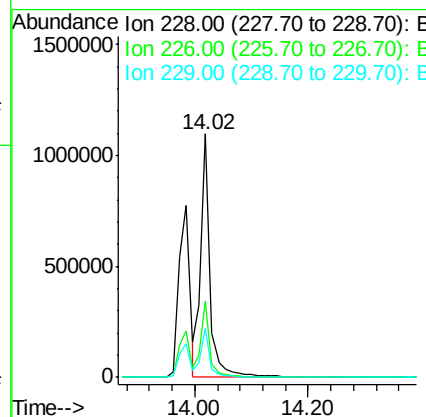
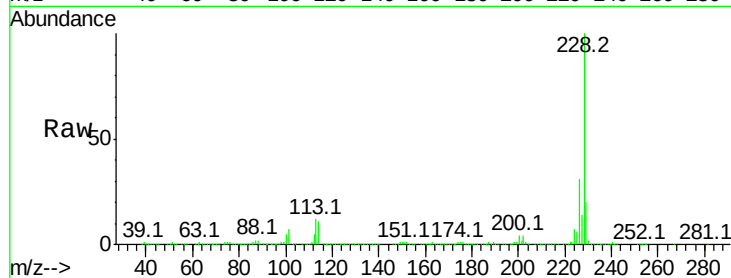
#82
Chrysene
Concen: 50.24 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.3	15.8	23.8

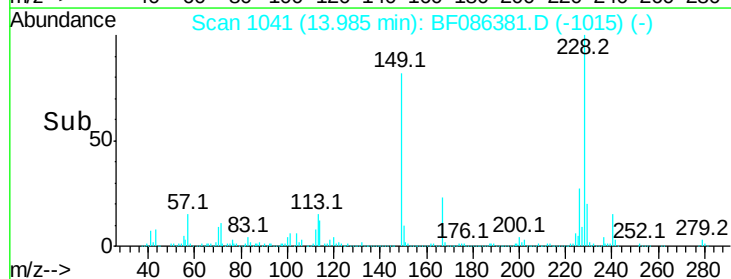
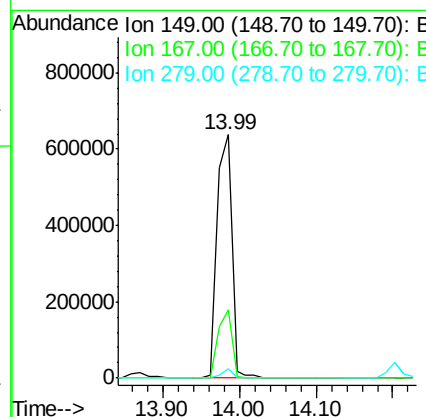
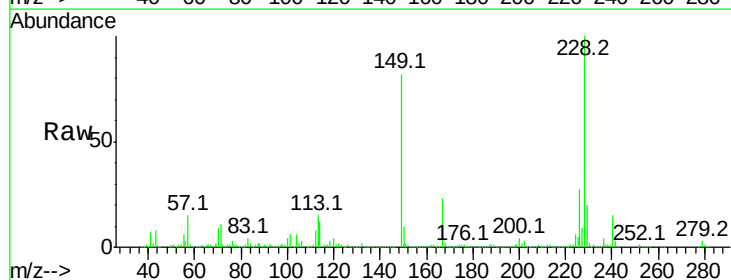
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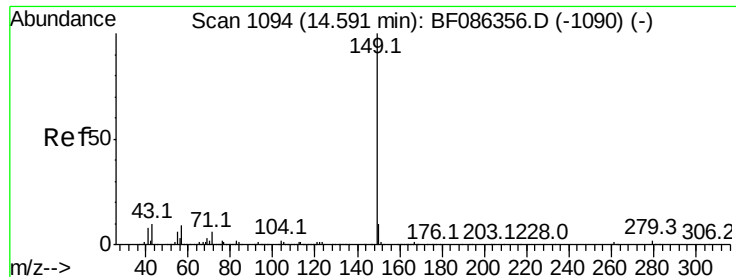
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#83
Bis(2-ethylhexyl)phthalate
Concen: 54.57 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.6
279	4.0	2.6	4.0#





#84

Di-n-octyl phthalate

Concen: 51.07 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-CMSD

Tot Ion:149 Resp: 1517182

Ion Ratio Lower Upper

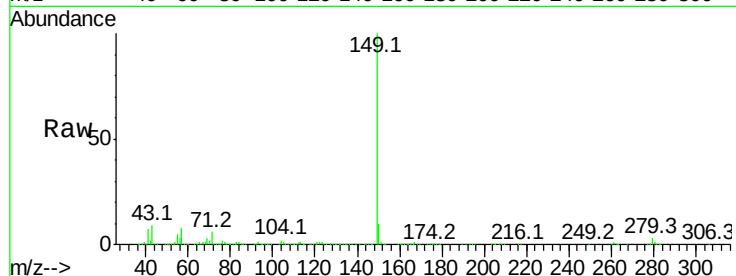
149 100

167 1.6 1.2 1.8

43 9.7 8.2 12.4

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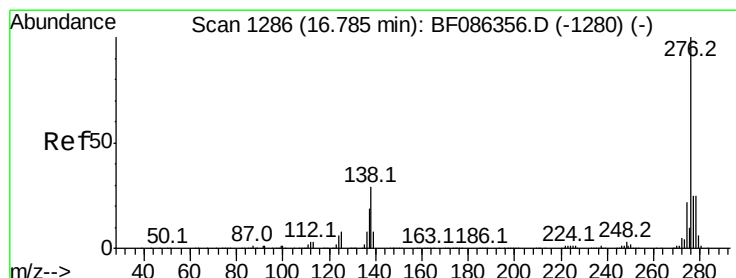
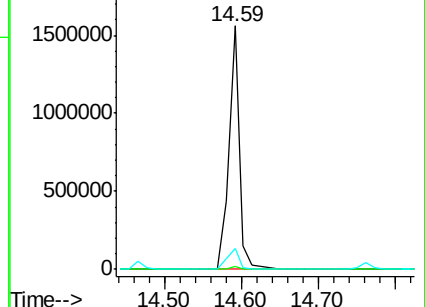
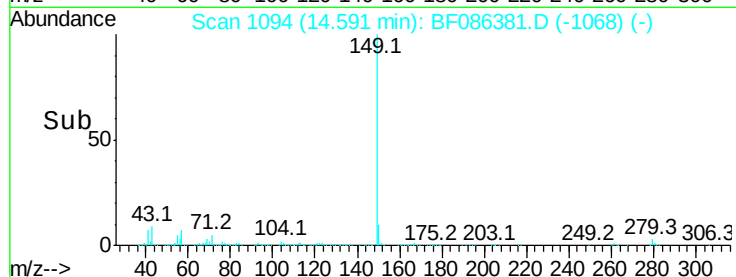
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 49.23 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF086381.D

Acq: 23 Apr 2016 10:13

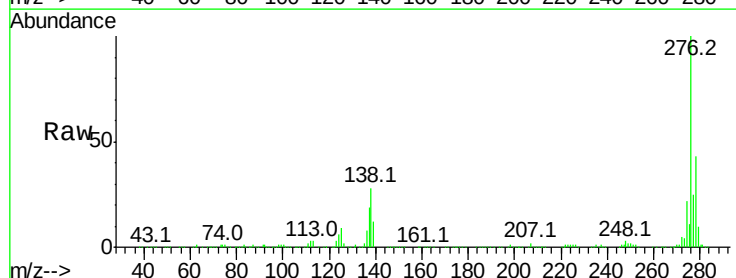
Tgt Ion:276 Resp: 1088924

Ion Ratio Lower Upper

276 100

138 31.1 25.6 38.4

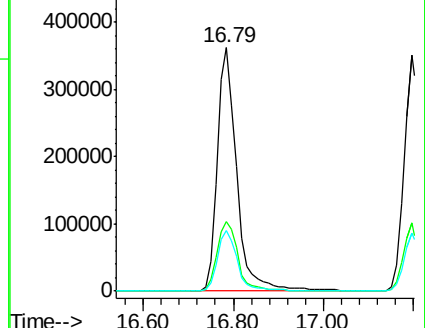
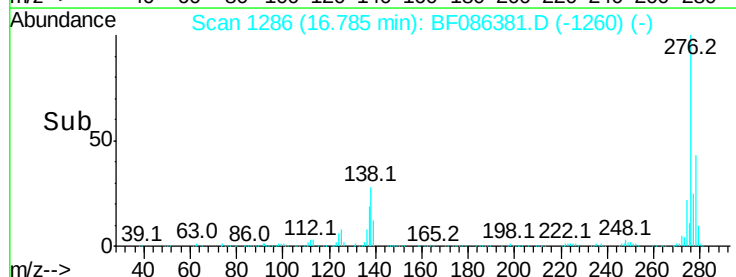
277 25.8 20.5 30.7

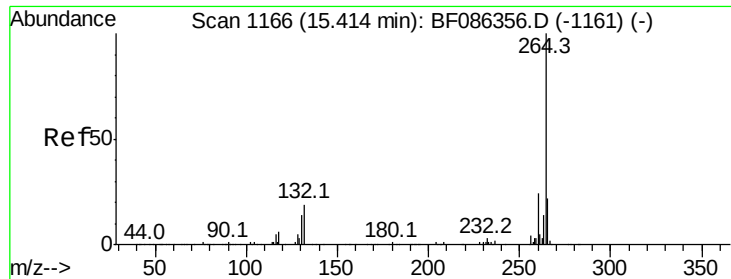


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





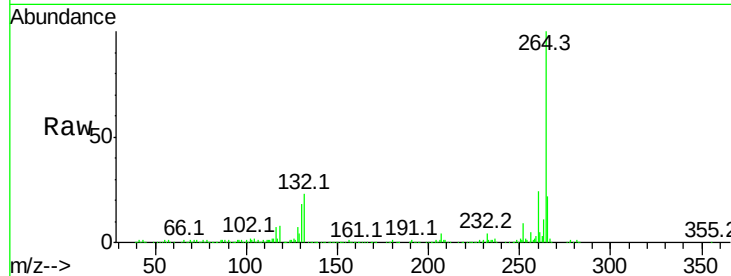
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

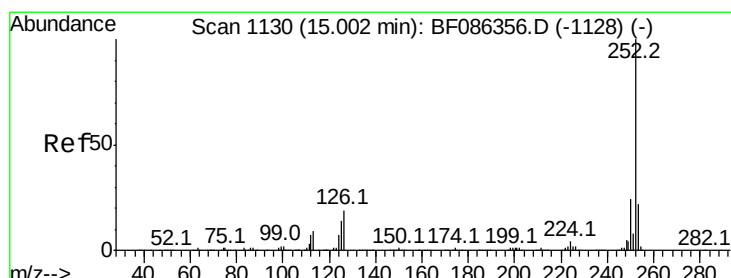
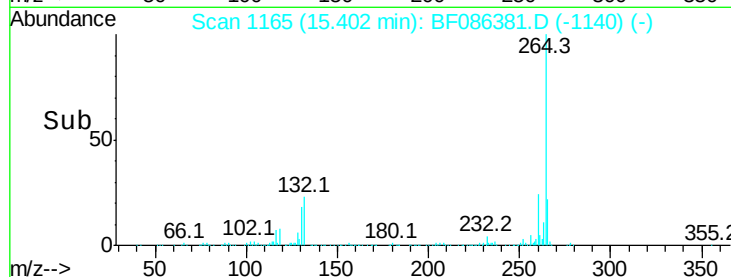
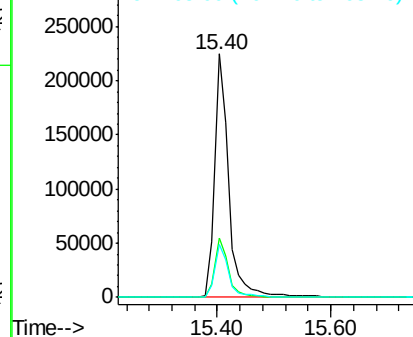
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.3	25.9

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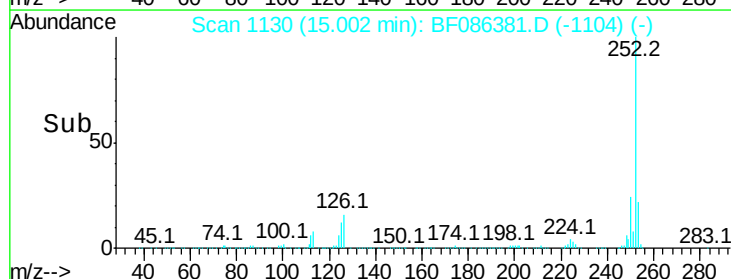
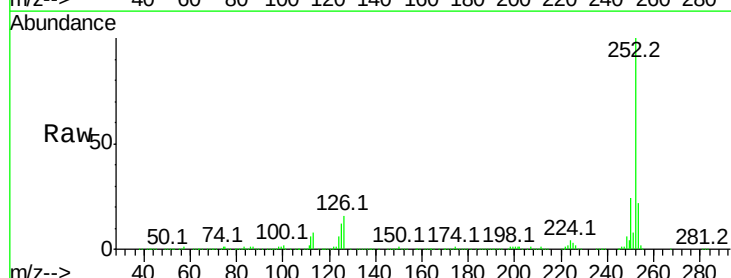
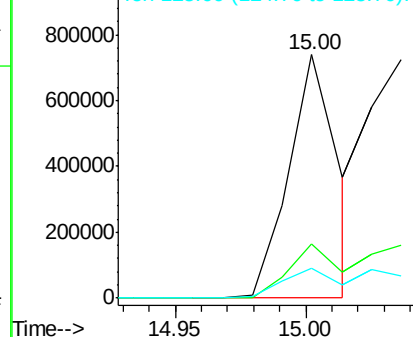
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

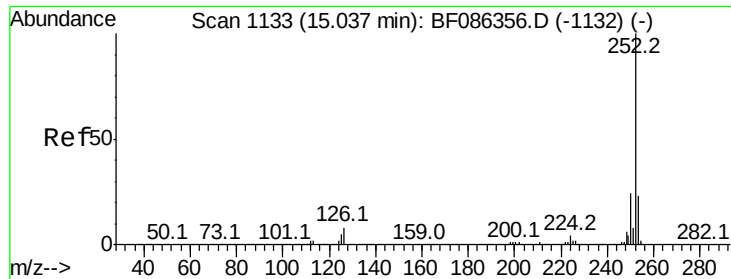


#87
Benzo(b)fluoranthene
Concen: 46.25 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.3	11.4	17.0

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





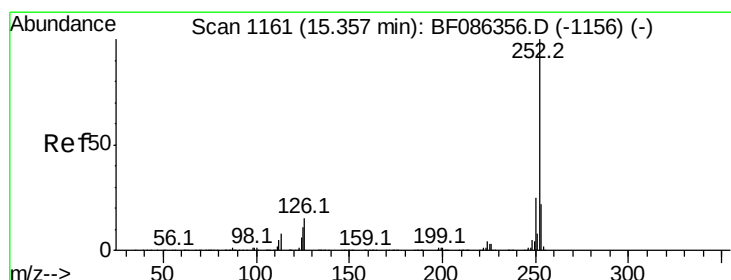
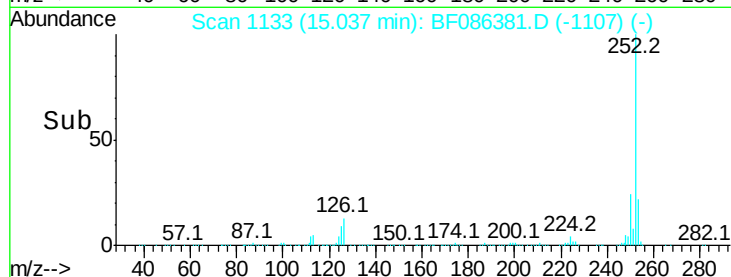
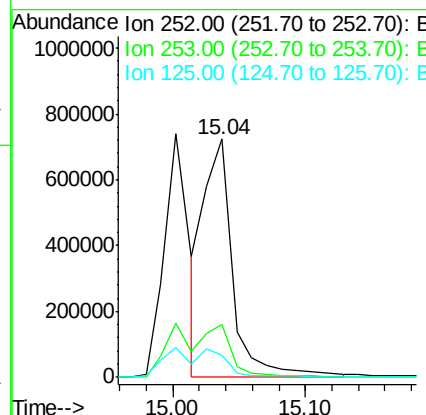
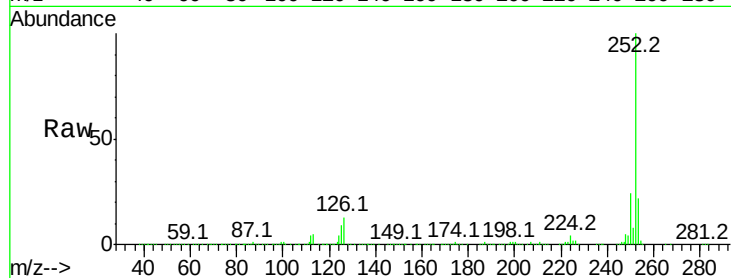
#88
Benzo(k)fluoranthene
Concen: 54.79 ng m
RT: 15.04 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.1	9.1	13.7

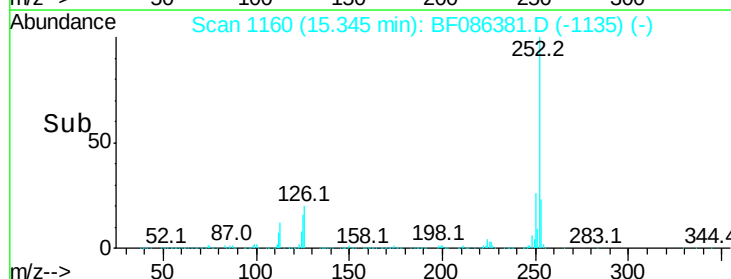
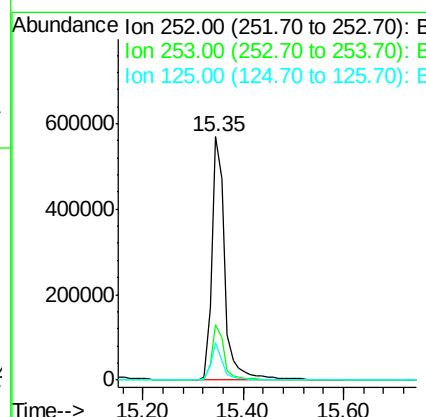
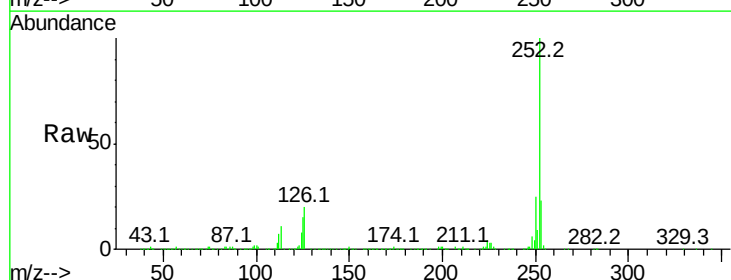
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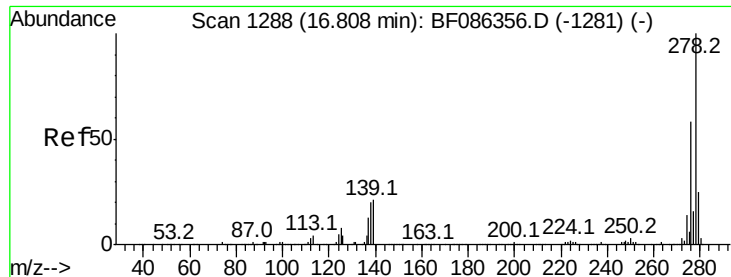
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#89
Benzo(a)pyrene
Concen: 49.02 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	15.3	9.0	13.6#





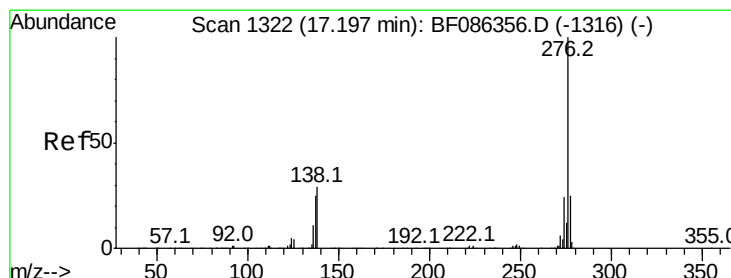
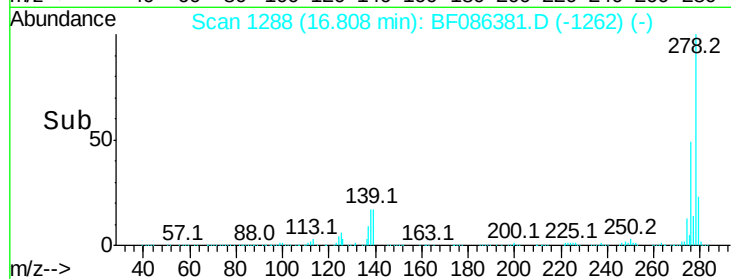
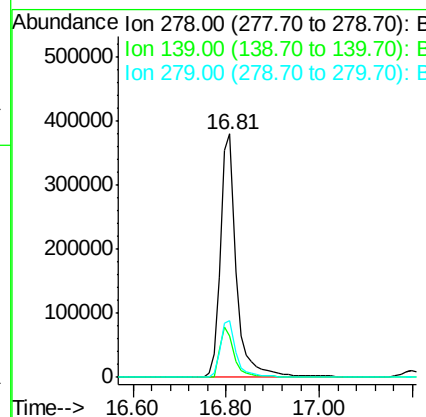
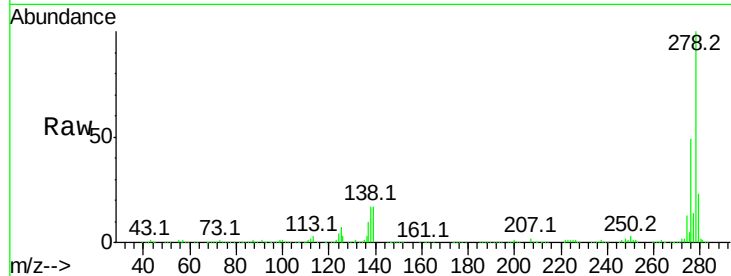
#90
Dibenzo(a,h)anthracene
Concen: 53.29 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

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

Tot Ion:	278	Resp:	898218
Ion Ratio	Lower	Upper	
278	100		
139	16.9	16.6	24.8
279	23.2	19.6	29.4

Manual Integrations
APPROVED

sohil
4/25/2016 12:36:54 PM



#91
Benzo(g,h,i)perylene
Concen: 52.68 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF086381.D
Acq: 23 Apr 2016 10:13

Tgt Ion:	276	Resp:	916550
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.6	29.4
138	28.9	23.6	35.4

