

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086075.D
 Acq On : 5 Apr 2016 10:11
 Operator : UM/SJ
 Sample : H2104-07MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:21 PM

Quant Time: Apr 05 12:01:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	120505	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	456306	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192777	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	297946	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	213431	20.00	ng	-0.01
86) Perylene-d12	15.32	264	162627	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	820967	116.45	ng	0.01
7) Phenol-d6	6.42	99	983550	109.84	ng	0.00
23) Nitrobenzene-d5	7.33	82	640880	82.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	199582	110.30	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1092996	94.27	ng	-0.01
78) Terphenyl-d14	12.87	244	765079	84.26	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	128200	38.36	ng	# 86
3) Pyridine	3.15	79	257036m	34.35	ng	
4) n-Nitrosodimethylamine	3.08	42	144154	43.81	ng	98
6) Aniline	6.43	93	122860	10.46	ng	# 1
8) 2-Chlorophenol	6.56	128	341661	40.64	ng	98
9) Benzaldehyde	6.32	77	76264	15.83	ng	93
10) Phenol	6.43	94	401818	39.34	ng	97
11) bis(2-Chloroethyl)ether	6.51	93	336658	41.62	ng	97
12) 1,3-Dichlorobenzene	6.70	146	354395m	39.77	ng	
13) 1,4-Dichlorobenzene	6.78	146	355904	38.77	ng	93
14) 1,2-Dichlorobenzene	6.93	146	334021	39.53	ng	98
15) Benzyl Alcohol	6.92	79	239906	41.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	375958	38.05	ng	68
17) 2-Methylphenol	7.04	107	271624	40.98	ng	95
18) Hexachloroethane	7.26	117	104800	31.04	ng	# 77
19) n-Nitroso-di-n-propylamine	7.18	70	224314	40.41	ng	93
20) 3+4-Methylphenols	7.20	107	350462	43.47	ng	# 62
22) Acetophenone	7.18	105	478525	44.61	ng	# 89
24) Nitrobenzene	7.36	77	382126	45.14	ng	91
25) Isophorone	7.60	82	668367	43.76	ng	95
26) 2-Nitrophenol	7.68	139	153767	37.97	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	312114	42.91	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	382221	42.65	ng	98
29) 2,4-Dichlorophenol	7.92	162	264903	43.07	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	294299	42.63	ng	94
31) Naphthalene	8.08	128	1056545	46.03	ng	99
32) Benzoic acid	7.86	122	149693	28.05	ng	99
33) 4-Chloroaniline	8.13	127	71799	7.74	ng	# 96
34) Hexachlorobutadiene	8.19	225	152348	41.05	ng	99
35) Caprolactam	8.50	113	70173	35.97	ng	91
36) 4-Chloro-3-methylphenol	8.62	107	284261	41.12	ng	98
37) 2-Methylnaphthalene	8.76	142	613866	40.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	261031	45.05	ng	99
40) Hexachlorocyclopentadiene	8.91	237	25268	20.44	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	168919	45.40	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	167296	44.29	nq #	78
45) 1,1'-Biphenyl	9.23	154	724439	43.58	nq	95
46) 2-Chloronaphthalene	9.25	162	551975	45.81	nq	96
47) 2-Nitroaniline	9.36	65	176404	50.04	nq	99
48) Acenaphthylene	9.66	152	828780	42.94	nq	99
49) Dimethylphthalate	9.53	163	638740	44.70	nq	99
50) 2,6-Dinitrotoluene	9.60	165	118288	39.13	nq	99
51) Acenaphthene	9.84	154	497624	43.35	nq	99
52) 3-Nitroaniline	9.77	138	97274	26.70	nq	93
53) 2,4-Dinitrophenol	9.89	184	21940	19.10	nq #	78
54) Dibenzofuran	10.01	168	678435	44.75	nq	99
55) 4-Nitrophenol	9.95	139	145094	67.55	nq	100
56) 2,4-Dinitrotoluene	10.01	165	148720	38.93	nq #	68
57) Fluorene	10.35	166	540057	41.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	127576	45.36	nq #	95
59) Diethylphthalate	10.22	149	674660	46.78	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	240782	39.92	nq	98
61) 4-Nitroaniline	10.38	138	148147	41.29	nq	96
62) Azobenzene	10.50	77	603907	43.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	19326	10.70	nq #	79
65) n-Nitrosodiphenylamine	10.46	169	463112	49.70	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	152951	50.28	nq	99
67) Hexachlorobenzene	10.90	284	147008	46.73	nq #	88
68) Atrazine	10.99	200	94676	31.45	nq	97
69) Pentachlorophenol	11.10	266	126524	85.82	nq	99
70) Phenanthrene	11.31	178	727784	44.78	nq	100
71) Anthracene	11.36	178	679340	39.90	nq	99
72) Carbazole	11.52	167	567552	38.78	nq	99
73) Di-n-butylphthalate	11.85	149	865963	47.75	nq	99
74) Fluoranthene	12.50	202	642134	37.98	nq	89
76) Benzidine	12.63	184	99311	13.19	nq	97
77) Pyrene	12.72	202	612524	40.73	nq	99
79) Butylbenzylphthalate	13.33	149	314497	46.44	nq #	65
80) Benzo(a)anthracene	13.91	228	497844	39.57	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	85075	9.26	nq	98
82) Chrysene	13.95	228	480486	39.65	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	421452	46.89	nq	99
84) Di-n-octyl phthalate	14.51	149	728268	50.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	372318	37.87	nq	99
87) Benzo(b)fluoranthene	14.92	252	554185m	54.17	nq	
88) Benzo(k)fluoranthene	14.96	252	328508m	36.26	nq	
89) Benzo(a)pyrene	15.27	252	402517	44.41	nq	99
90) Dibenzo(a,h)anthracene	16.68	278	323584	44.37	nq	98
91) Benzo(g,h,i)perylene	17.08	276	298734	42.33	nq	98

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

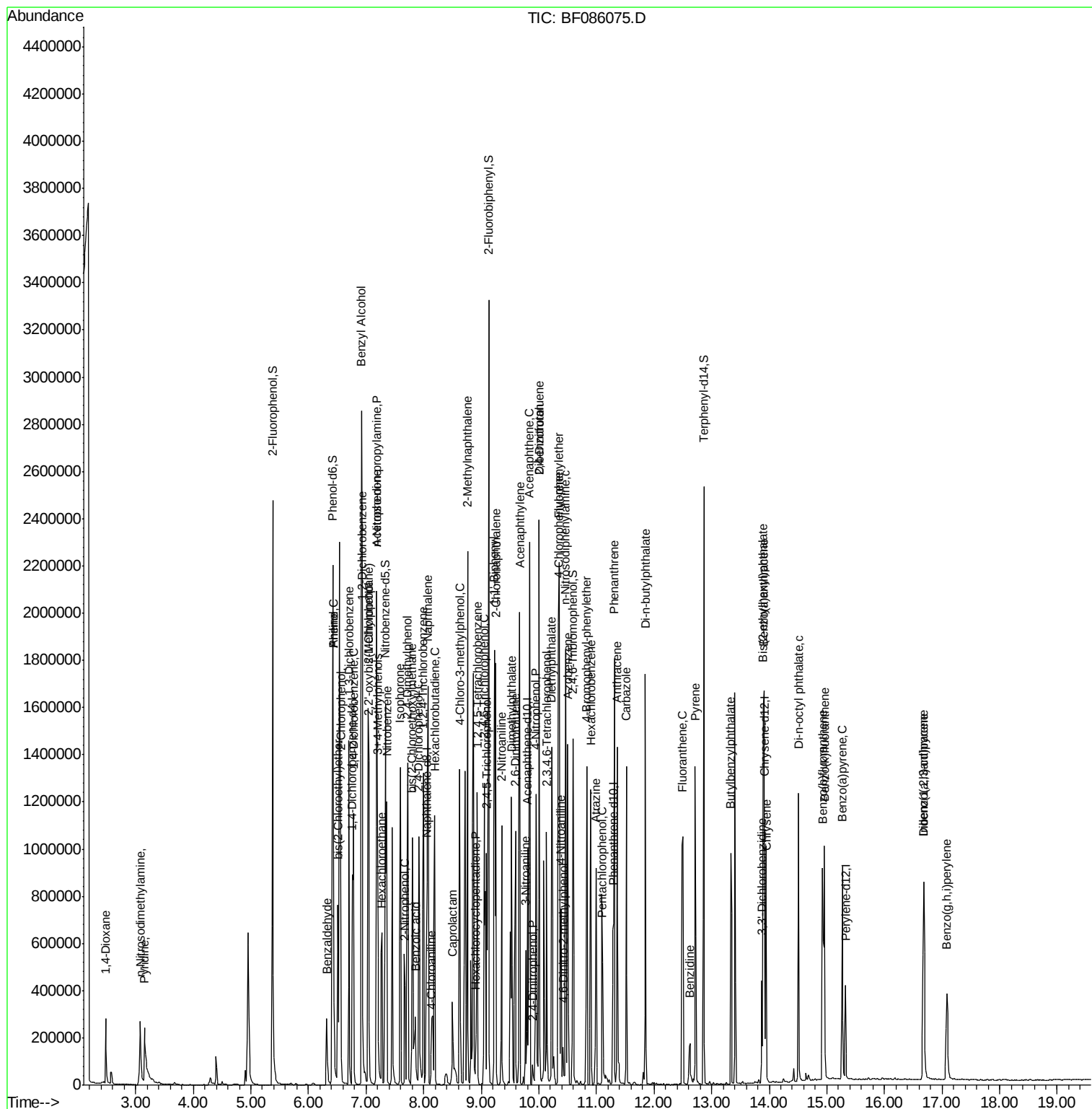
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Sample    : H2104-07MSD  
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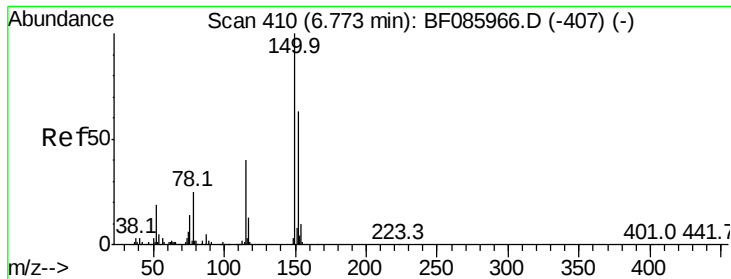
Instrument :
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#1

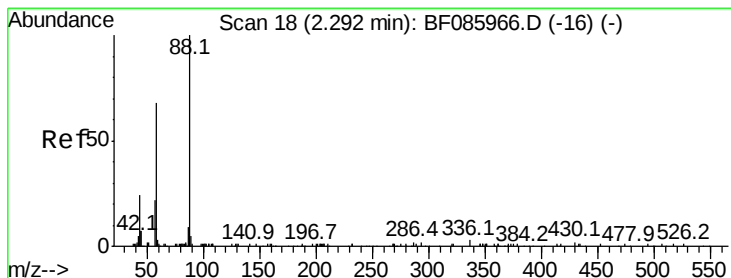
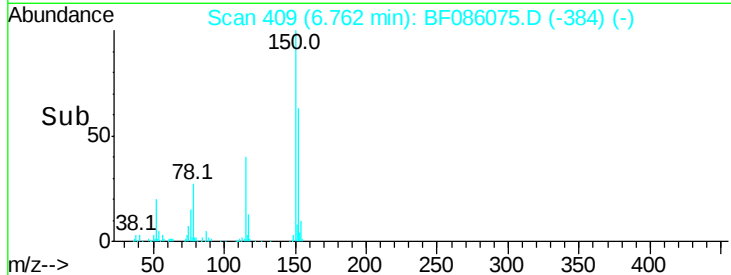
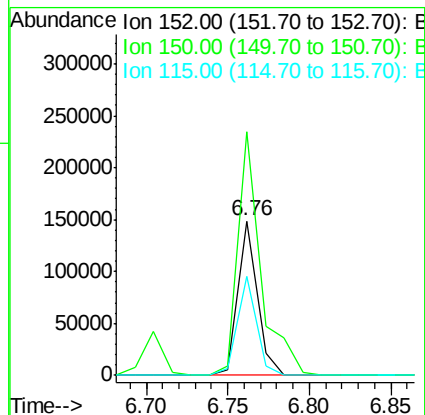
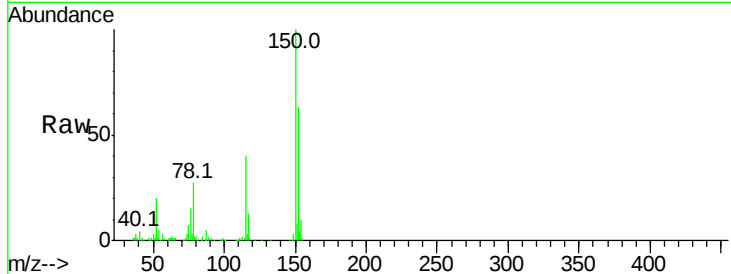
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.2	186.2
115	63.9	47.0	70.6

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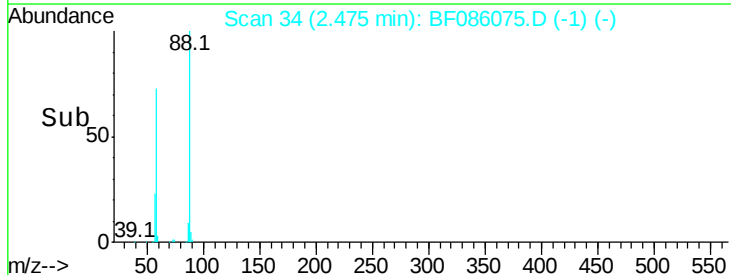
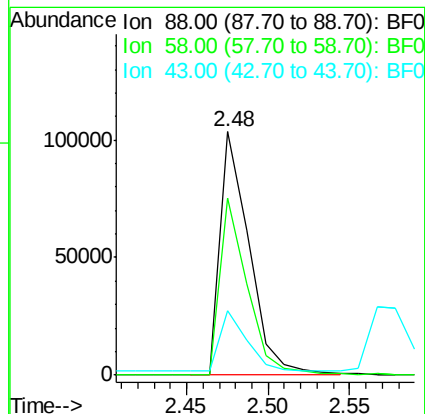
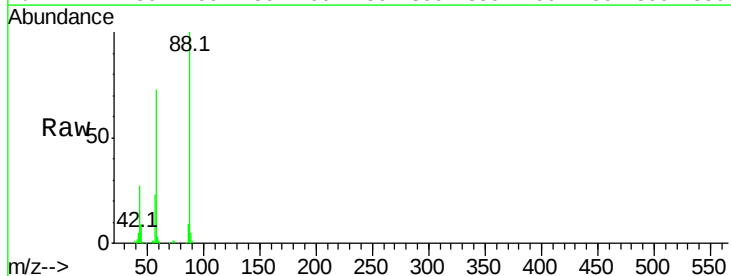
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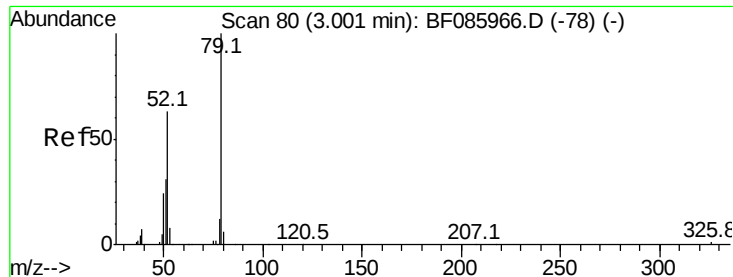


#2

1,4-Dioxane
Concen: 38.36 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.18 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.2	81.2
43	0.0	19.3	28.9#





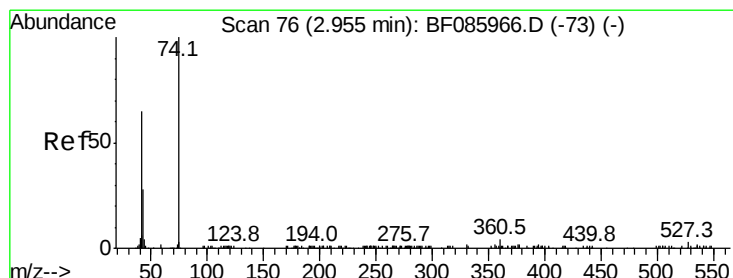
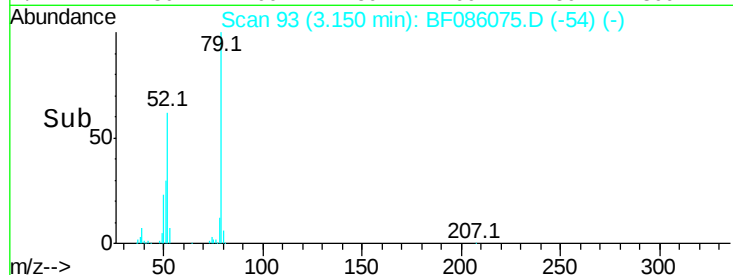
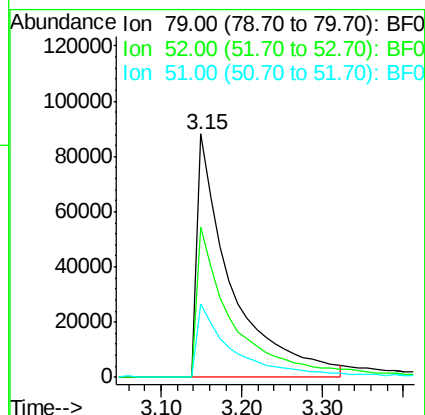
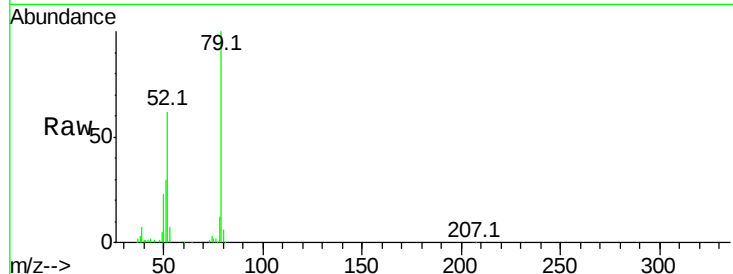
#3
Pvridine
Concen: 34.35 ng/ml
RT: 3.15 min Scan# 93
Delta R.T. 0.15 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	257036		
52	52	61.6		49.8	74.6
51	51	30.3		24.7	37.1

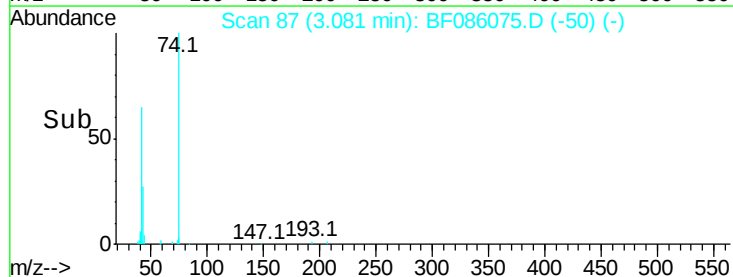
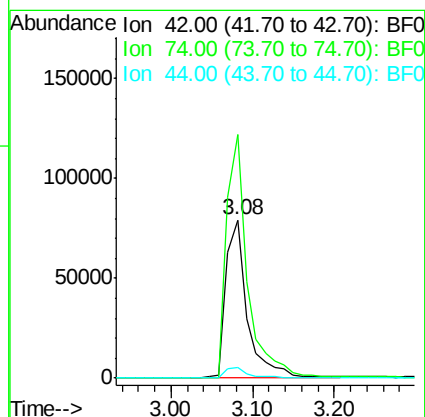
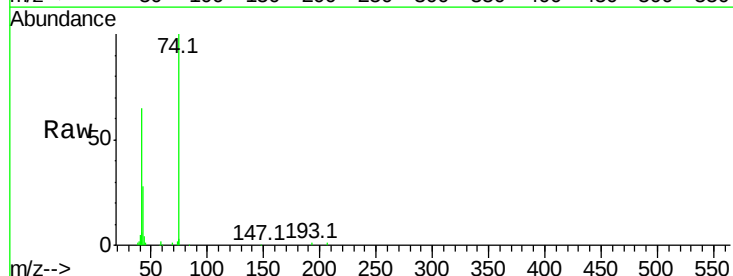
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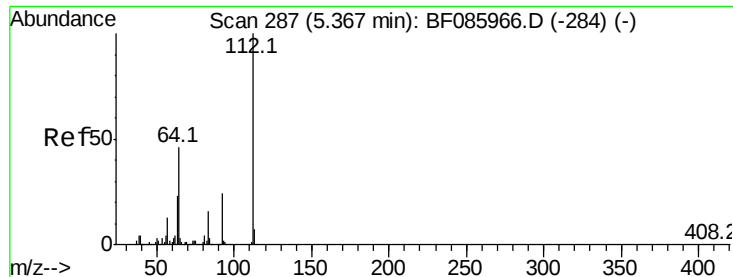
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#4
n-Nitrosodimethylamine
Concen: 43.81 ng
RT: 3.08 min Scan# 87
Delta R.T. 0.13 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	144154		
74	74	153.9		121.4	182.2
44	44	6.6		5.6	8.4





#5

2-Fluorophenol

Concen: 116.45 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

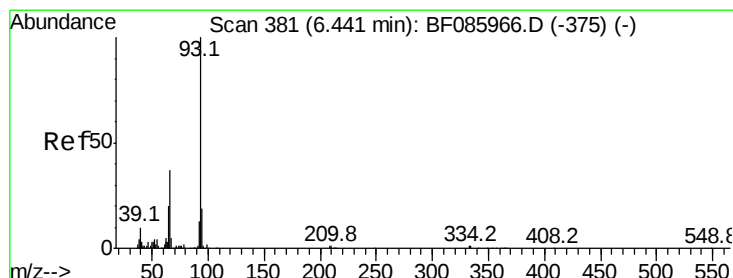
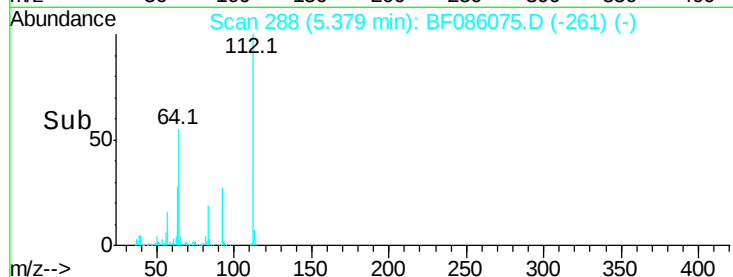
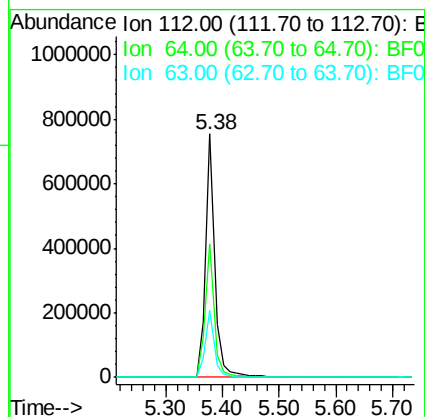
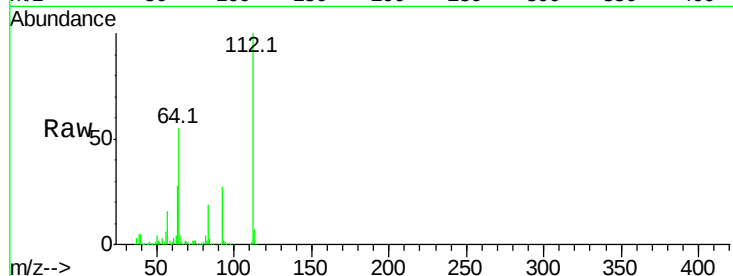
ClientSampleId :

WC-1MSD

Tot Ion:	112	Resp:	820967
Ion Ratio	Lower	Upper	
112	100		
64	54.6	39.9	59.9
63	27.7	20.2	30.2

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#6

Aniline

Concen: 10.46 ng

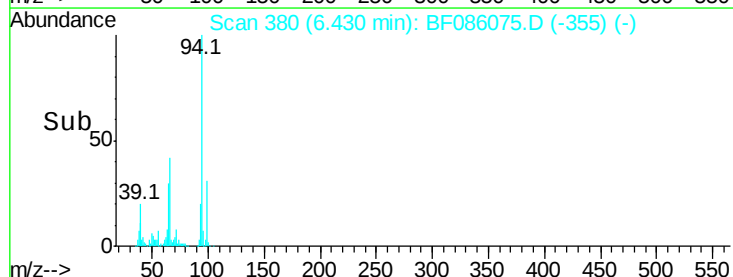
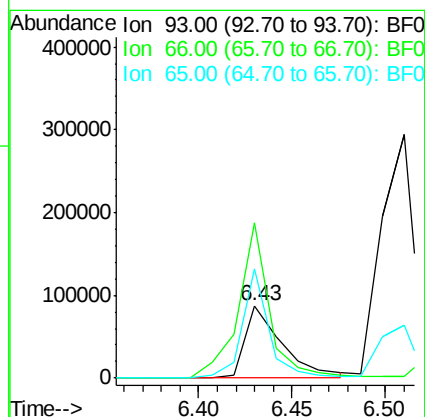
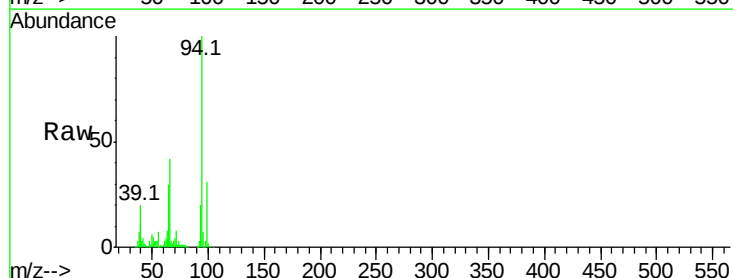
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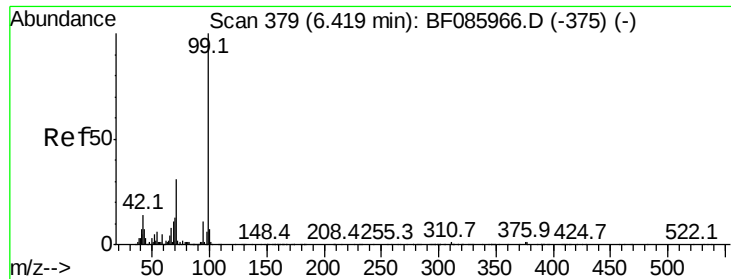
Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	93	Resp:	122860
Ion Ratio	Lower	Upper	
93	100		
66	214.2	31.4	47.2#
65	150.0	15.7	23.5#





#7

Phenol-d6

Concen: 109.84 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

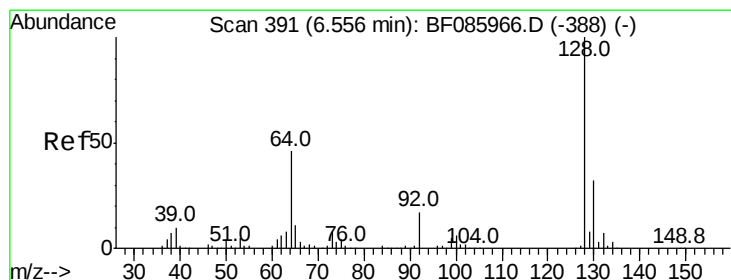
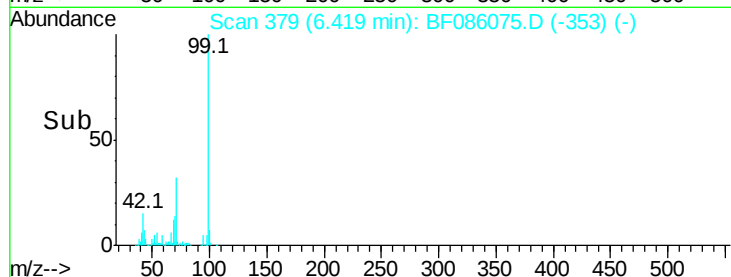
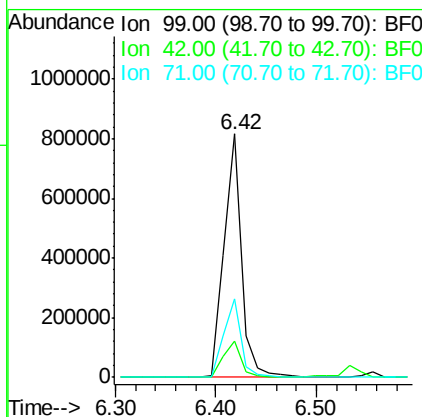
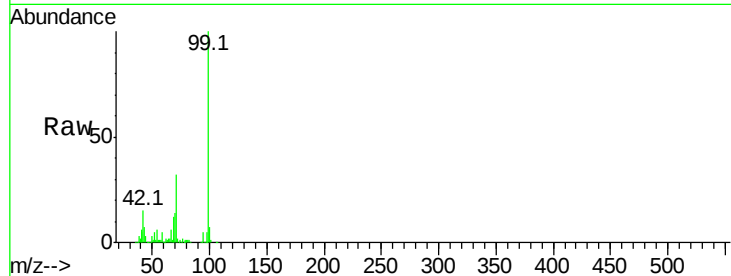
ClientSampled :

WC-1MSD

Tot Ion:	99	Resp:	983550
Ion Ratio	Lower	Upper	
99	100		
42	14.8	11.1	16.7
71	32.1	24.9	37.3

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#8

2-Chlorophenol

Concen: 40.64 ng

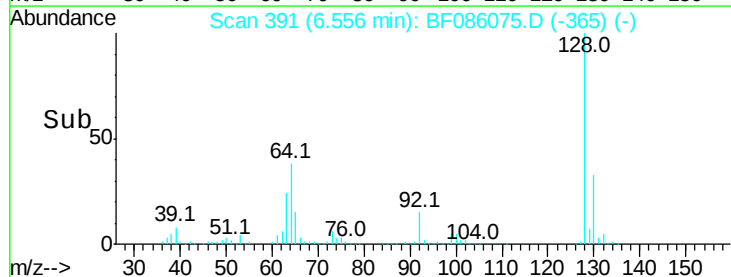
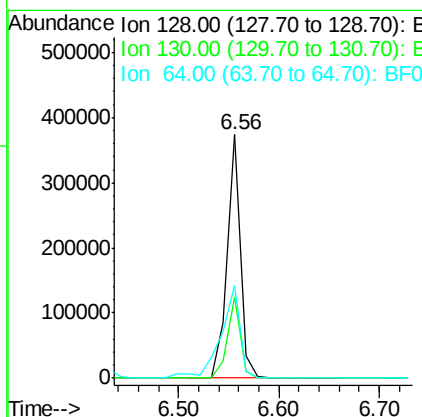
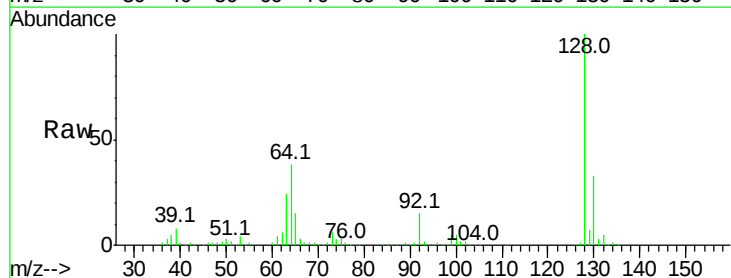
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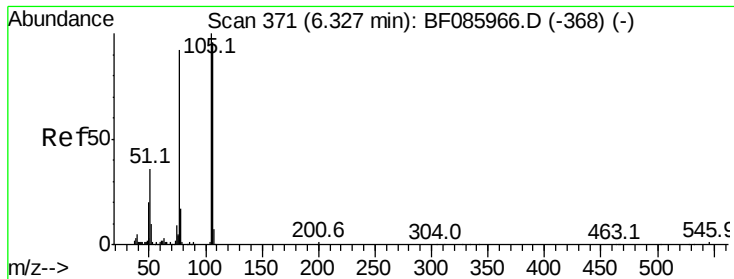
Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	128	Resp:	341661
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	38.1	20.2	60.2





#9

Benzaldehyde

Concen: 15.83 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

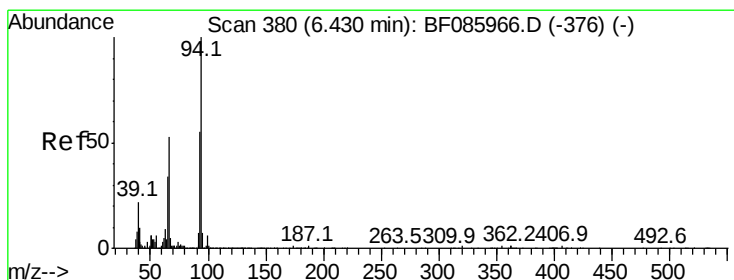
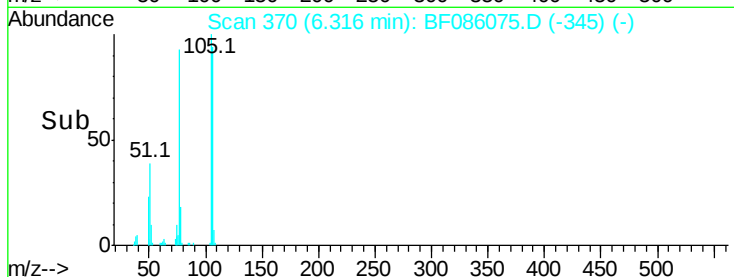
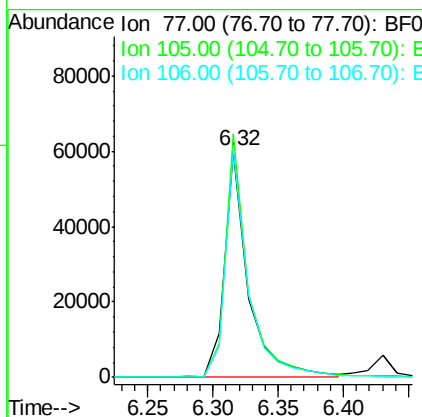
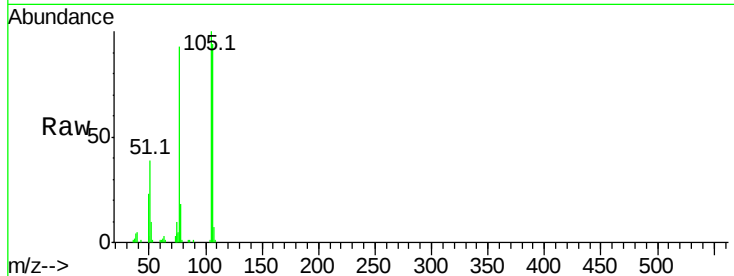
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Tot Ion	Ratio	Lower	Upper
77	100		
105	107.6	80.1	120.1
106	100.7	75.0	115.0



#10

Phenol

Concen: 39.34 ng

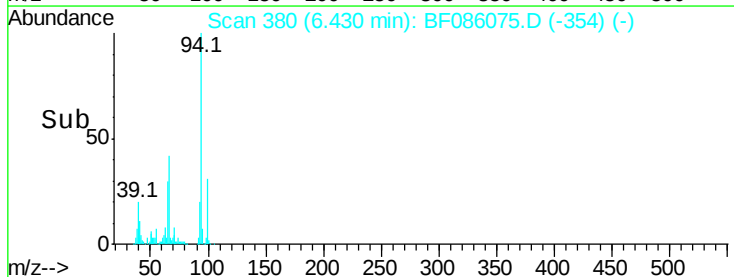
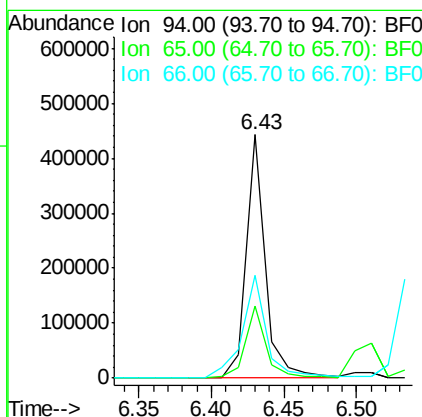
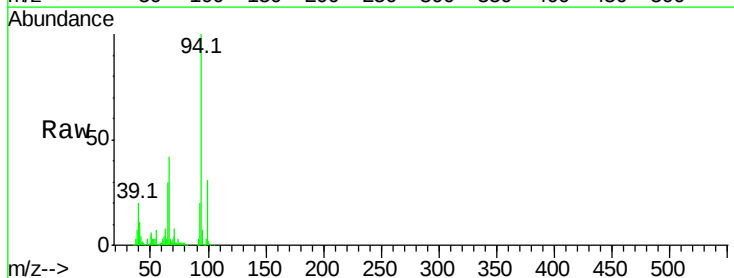
RT: 6.43 min Scan# 380

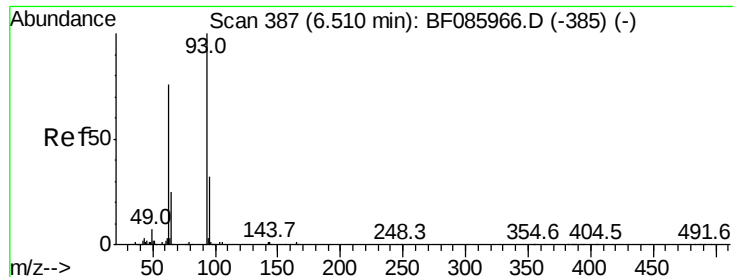
Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	8.6	48.6
66	42.4	20.0	60.0





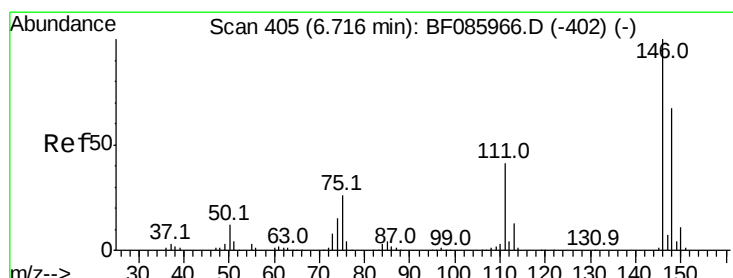
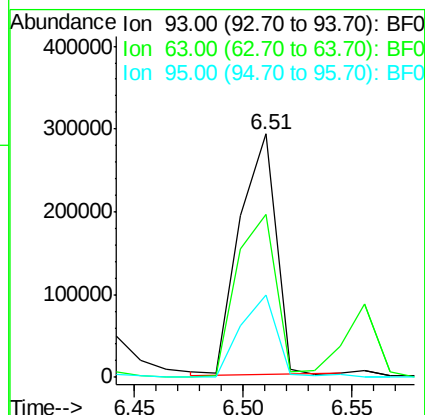
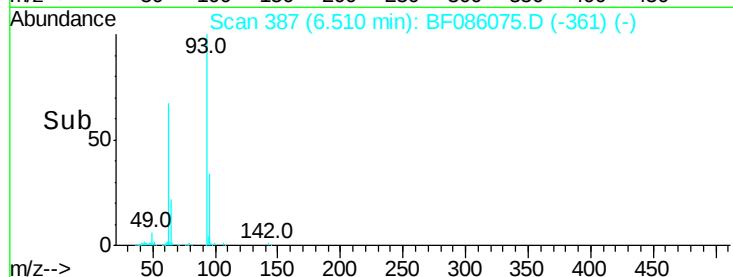
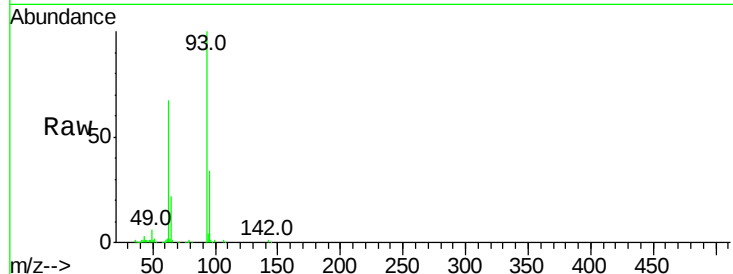
#11
bis(2-Chloroethyl)ether
Concen: 41.62 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	66.9	50.9	90.9	
95	33.6	13.3	53.3	

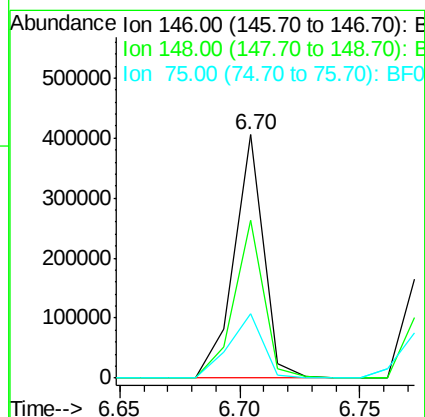
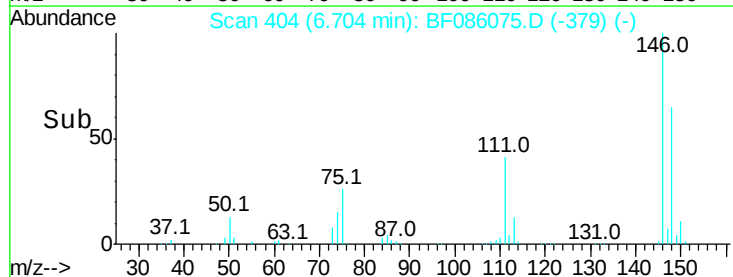
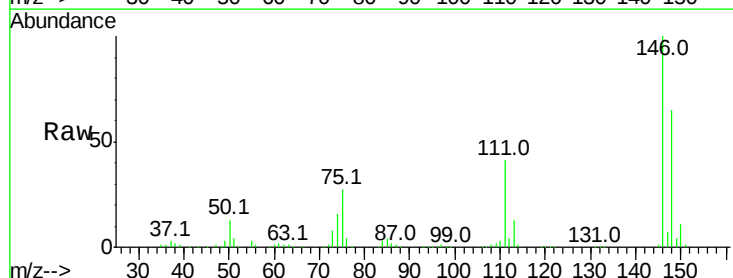
Manual Integrations
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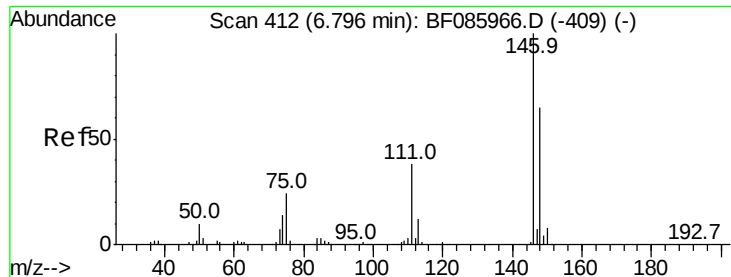
Sohil
4/5/2016 6:39:21 PM



#12
1,3-Dichlorobenzene
Concen: 39.77 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.7	52.3	78.5	
75	26.7	17.4	26.2	





#13

1,4-Dichlorobenzene

Concen: 38.77 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

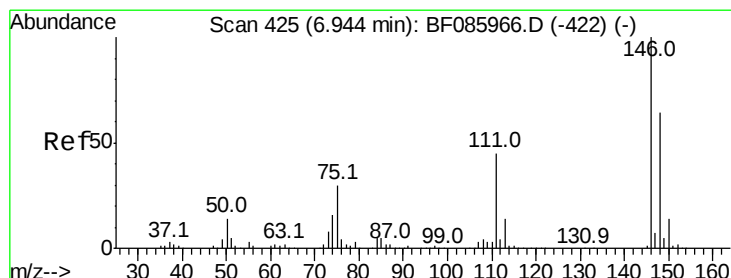
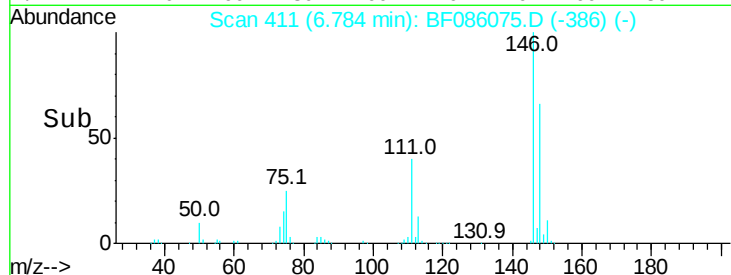
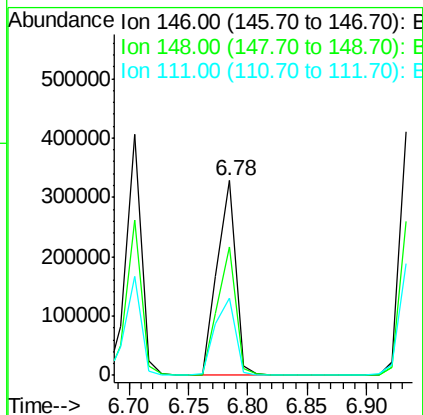
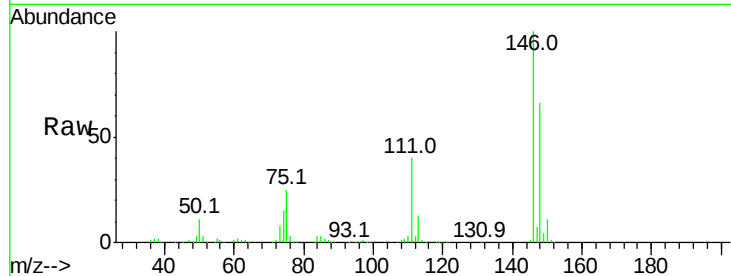
ClientSampleId :

WC-1MSD

Tot Ion:	146	Resp:	355904
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.6	76.0
111	39.6	37.8	56.6

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4/5/2016 6:39:21 PM



#14

1,2-Dichlorobenzene

Concen: 39.53 ng

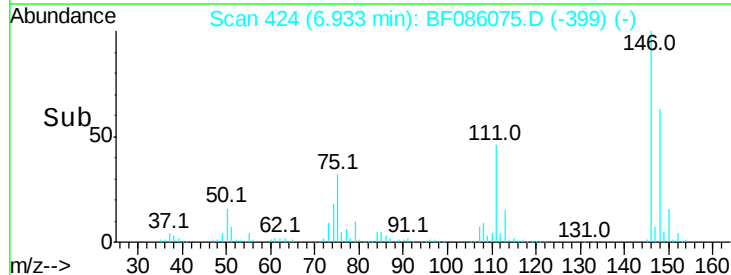
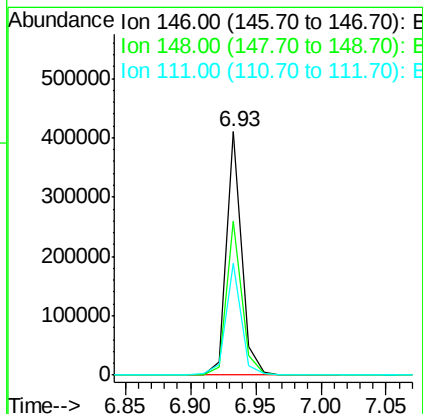
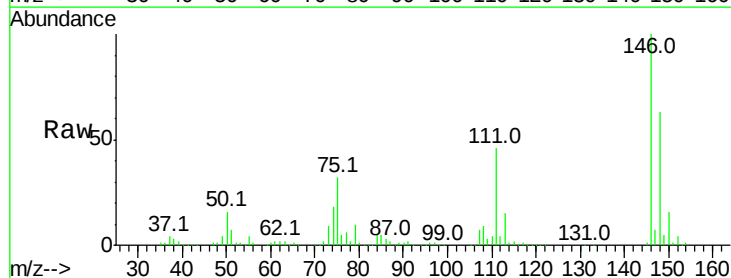
RT: 6.93 min Scan# 424

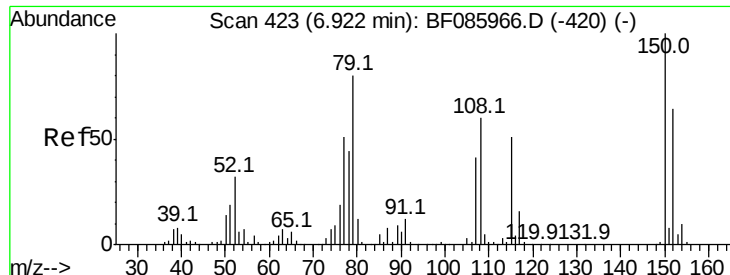
Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	146	Resp:	334021
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.4	77.2
111	45.8	34.6	52.0





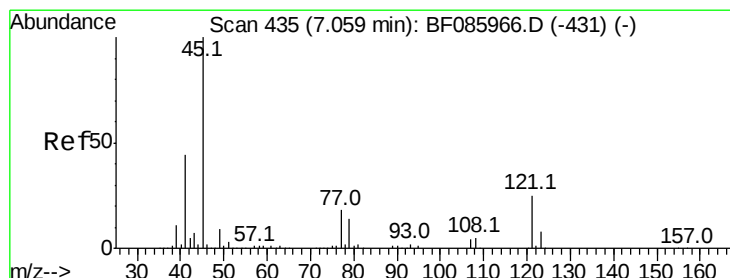
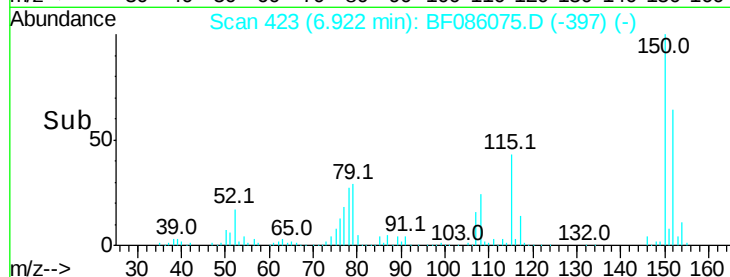
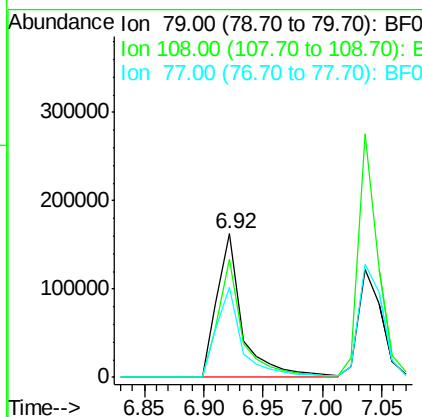
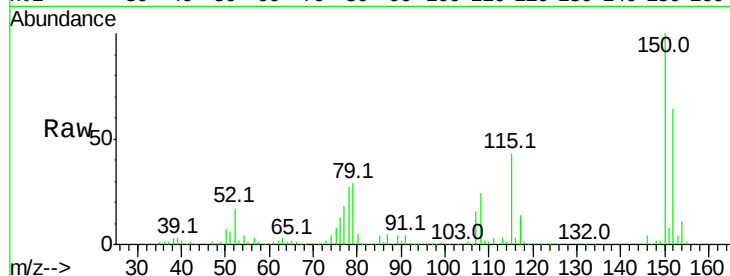
#15
Benzyl Alcohol
Concen: 41.41 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	239906		
108	82.1	61.8	92.6	
77	62.9	49.6	74.4	

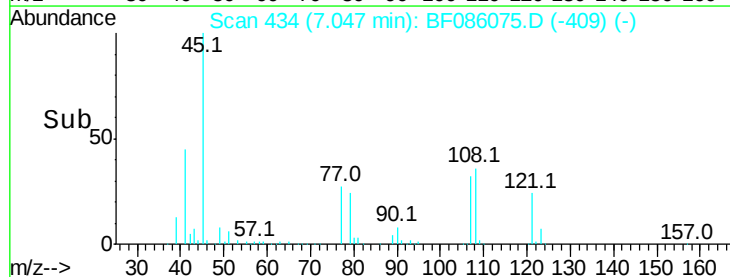
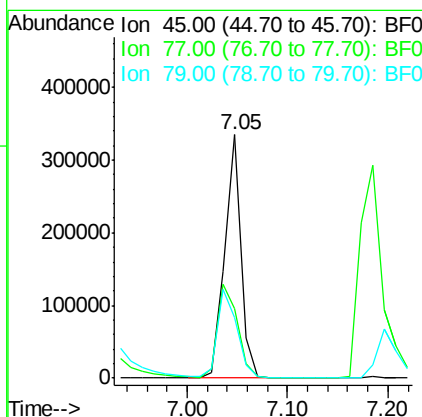
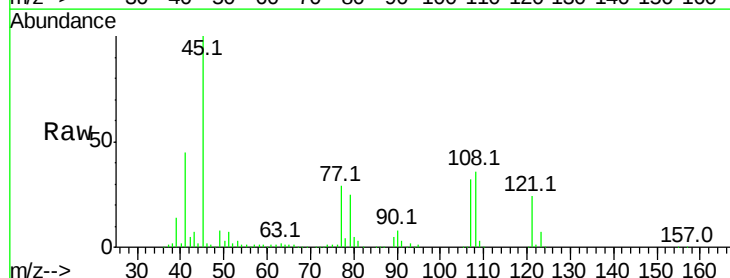
Manual Integrations
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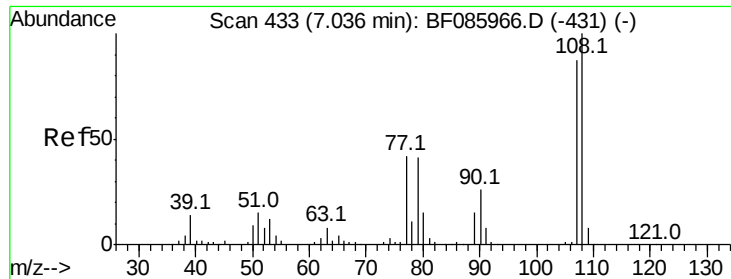
Sohil
4/5/2016 6:39:21 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.05 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	375958		
77	28.7	0.0	35.7	
79	24.9	0.0	32.2	





#17

2-Methylphenol

Concen: 40.98 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

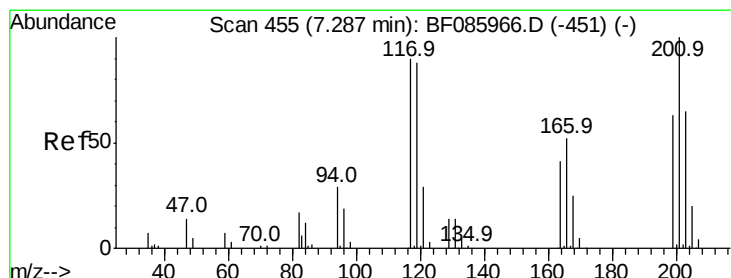
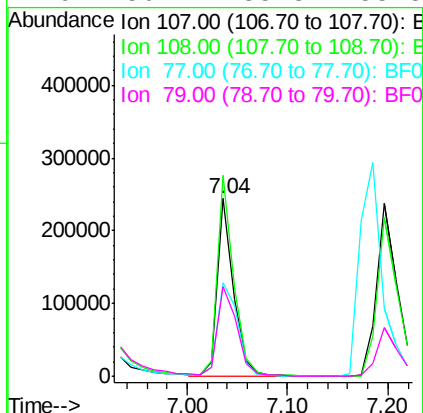
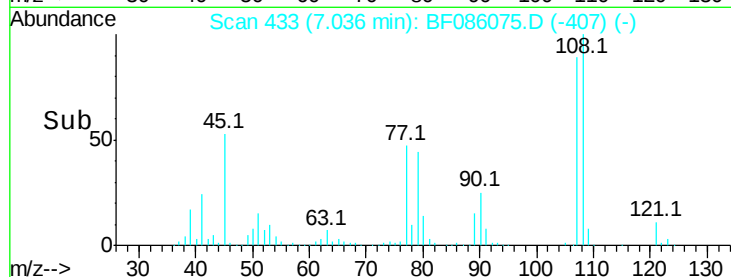
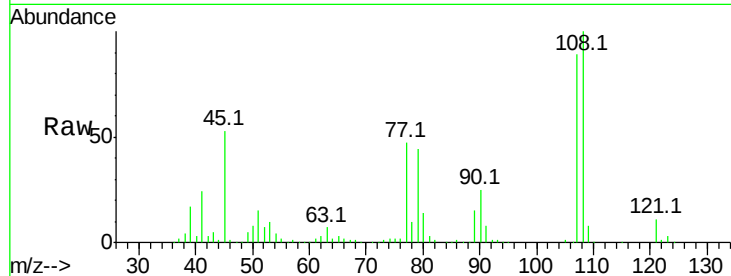
ClientSampleId :

WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	271624		
108	112.9	91.4	137.0	
77	52.7	36.2	54.2	
79	50.2	35.8	53.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 31.04 ng

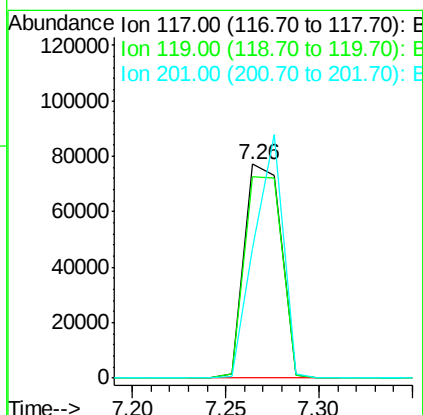
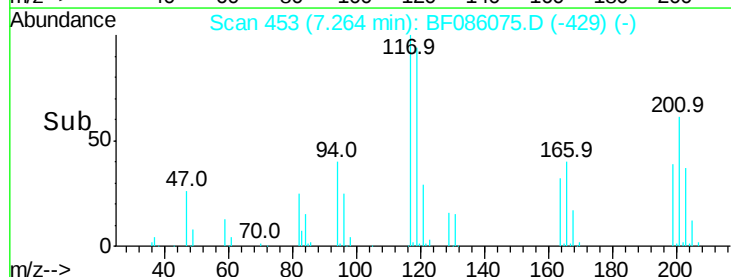
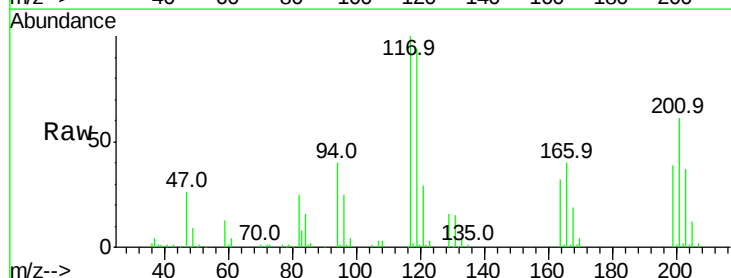
RT: 7.26 min Scan# 453

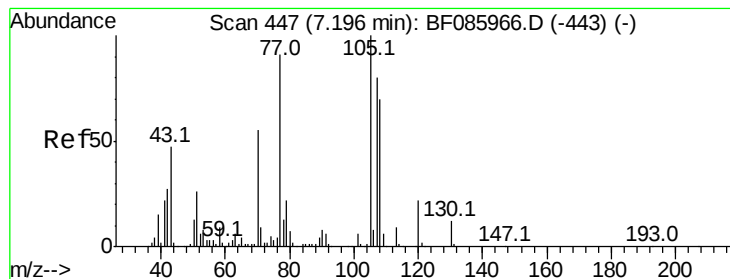
Delta R.T. -0.02 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104800		
119	94.3	76.7	115.1	
201	60.8	83.3	124.9#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.41 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion: 70 Resp: 224314

Ion Ratio Lower Upper

70 100

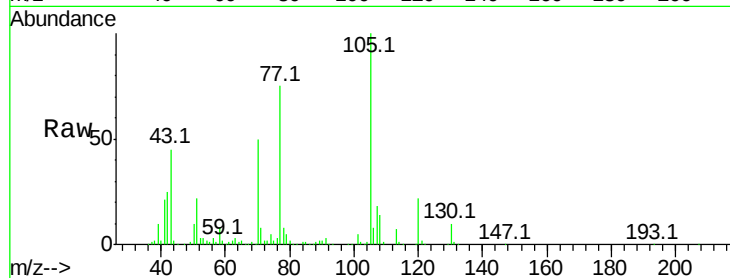
42 50.4 37.1 55.7

101 9.3 8.6 12.8

130 19.7 19.6 29.4

Manual Integrations
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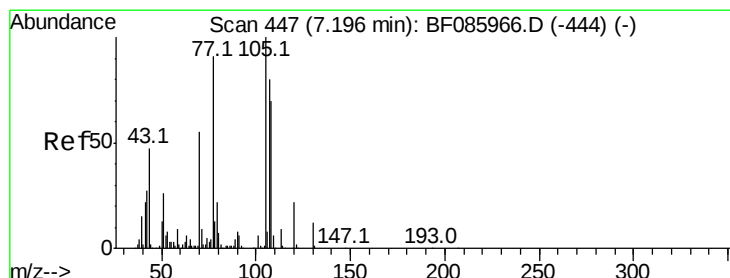
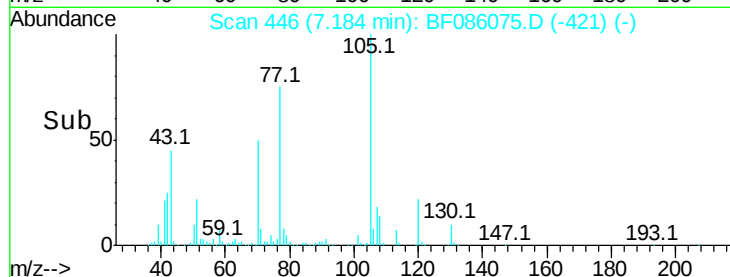
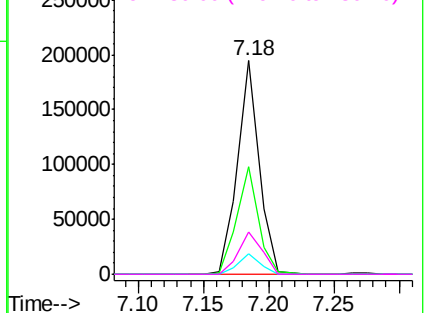
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 43.47 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion: 107 Resp: 350462

Ion Ratio Lower Upper

107 100

108 91.7 69.3 109.3

77 39.3 101.7 141.7#

79 28.1 8.3 48.3

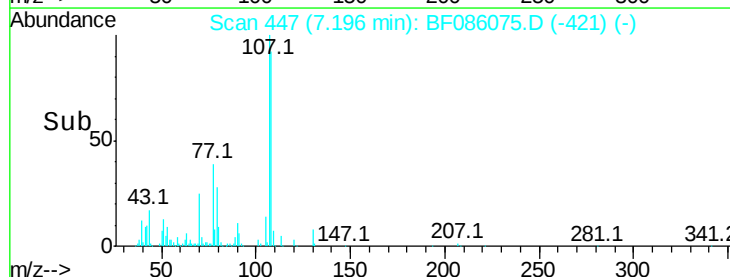
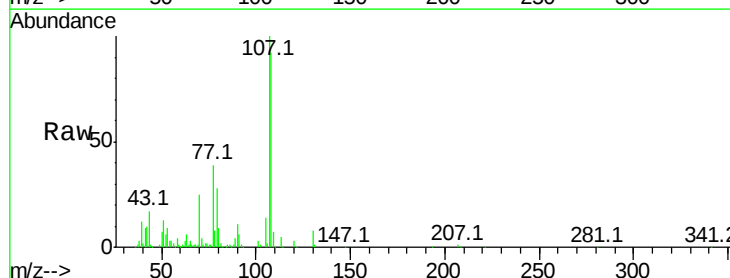
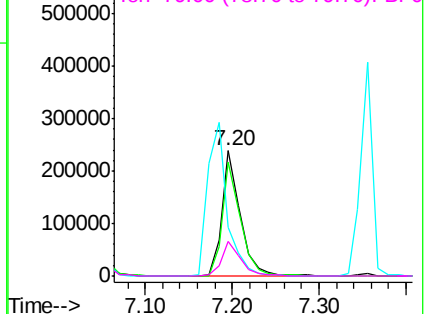
Abundance

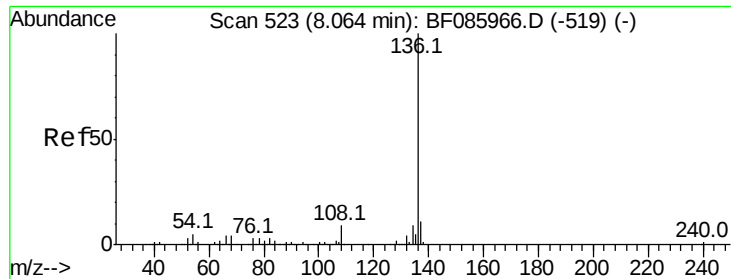
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





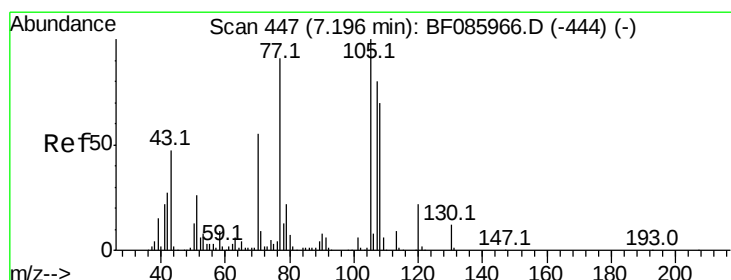
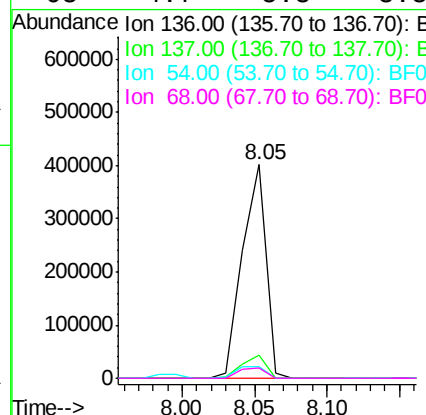
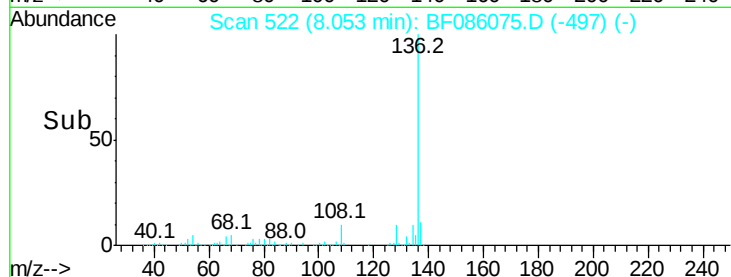
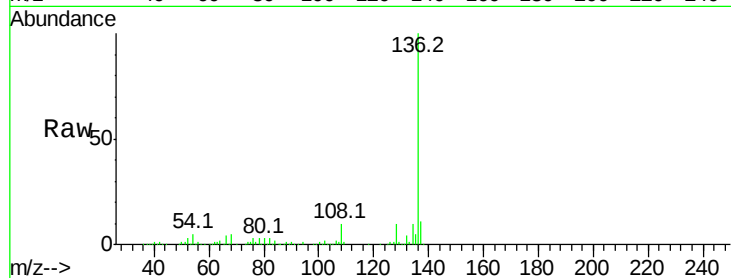
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	5.3	7.4	11.0	
68	4.7	5.8	8.8	

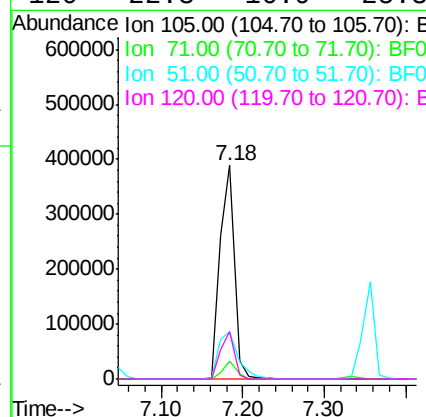
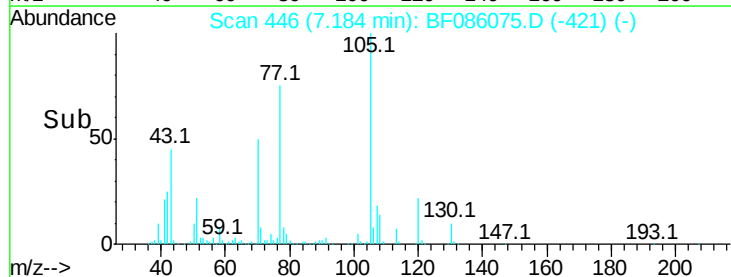
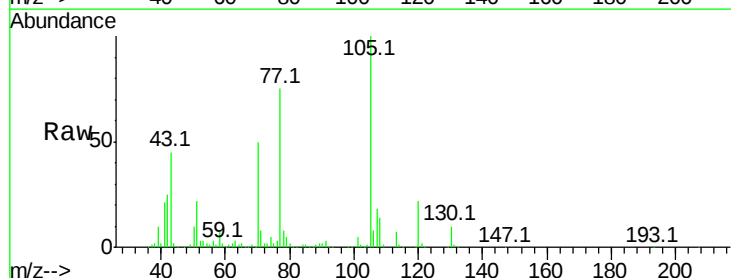
Manual Integrations
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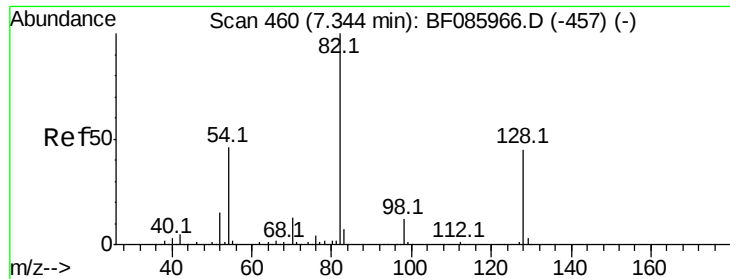
Sohil
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#22
Acetophenone
Concen: 44.61 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	3.6	5.4	
51	22.3	25.4	38.0	
120	22.3	16.9	25.3	





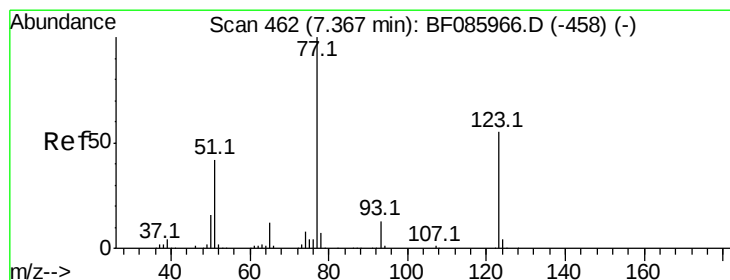
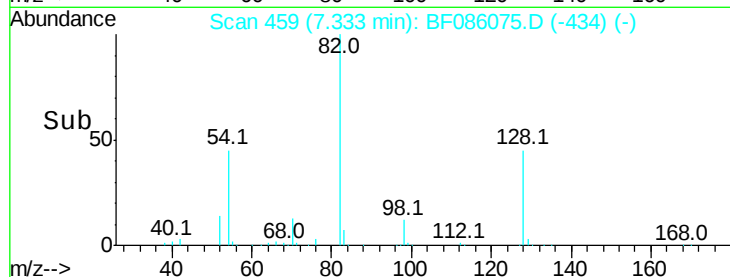
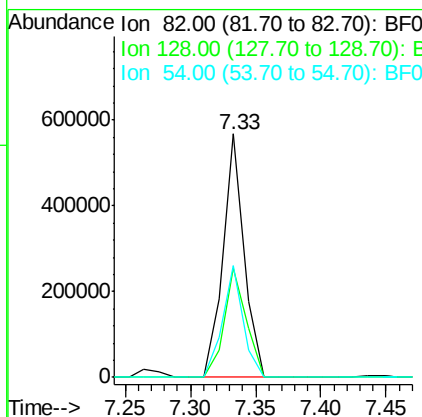
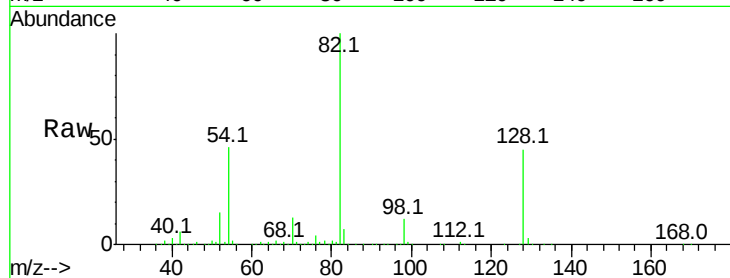
#23
Nitrobenzene-d5
Concen: 82.83 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	640880		
128	45.0		41.8	62.8
54	45.9		33.4	50.0

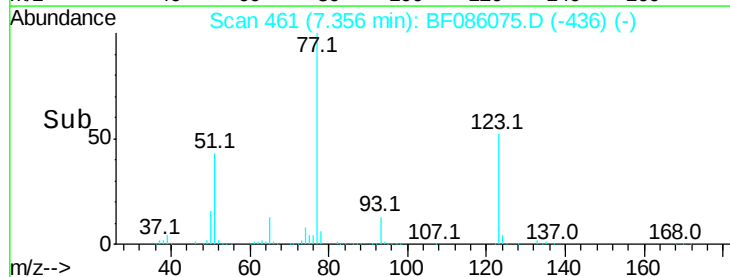
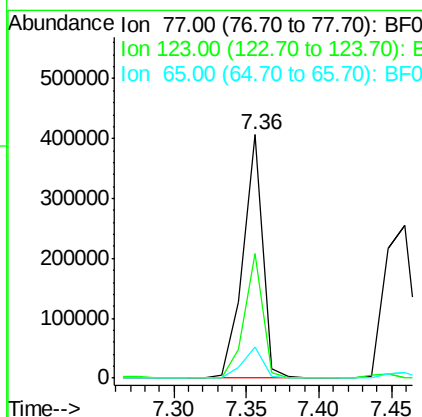
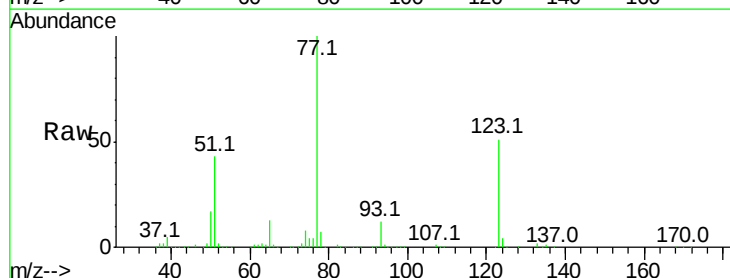
Manual Integrations
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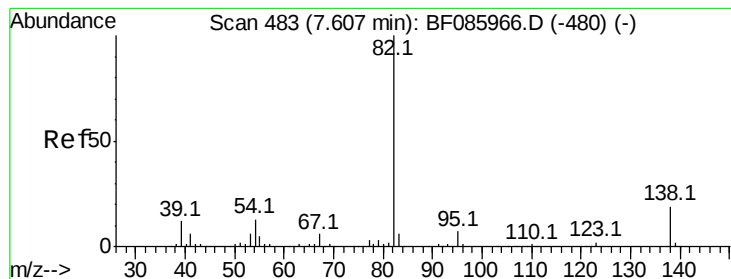
Sohil
4/5/2016 6:39:21 PM



#24
Nitrobenzene
Concen: 45.14 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	382126		
123	51.2		35.0	52.4
65	12.5		10.6	16.0





#25

Isophorone

Concen: 43.76 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

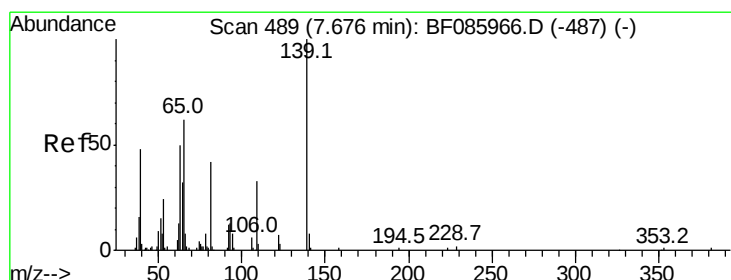
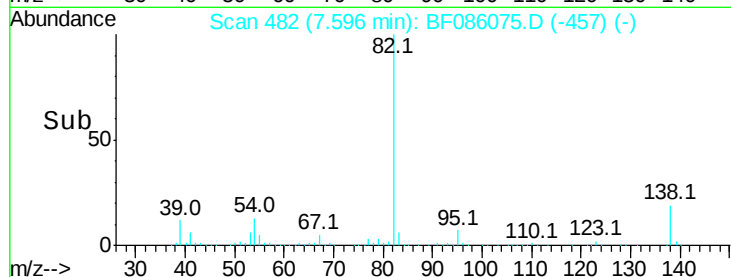
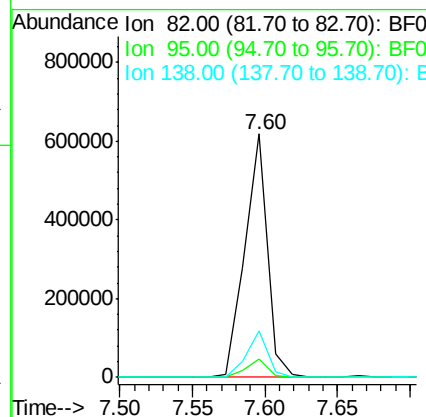
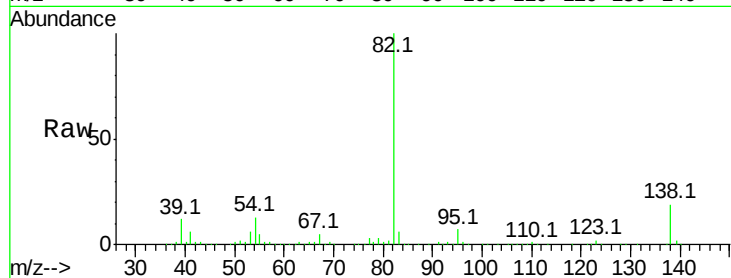
ClientSampleId :

WC-1MSD

Tot Ion:	82	Resp:	668367
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	19.0	12.9	19.3

Manual Integrations
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4/5/2016 6:39:21 PM



#26

2-Nitrophenol

Concen: 37.97 ng

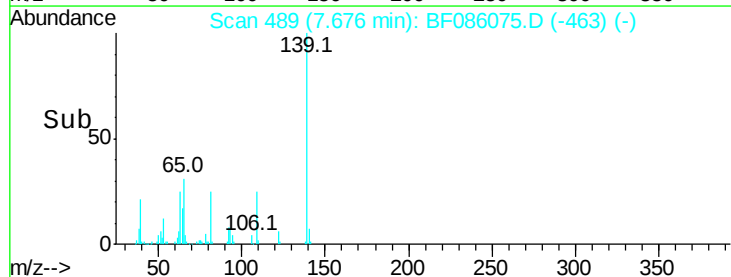
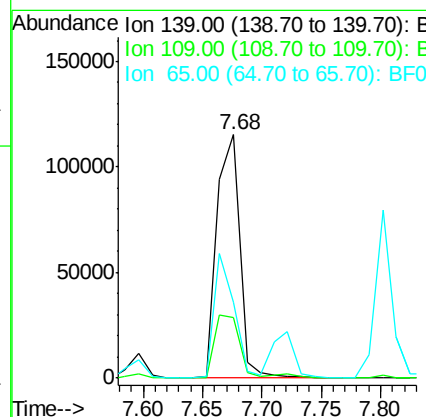
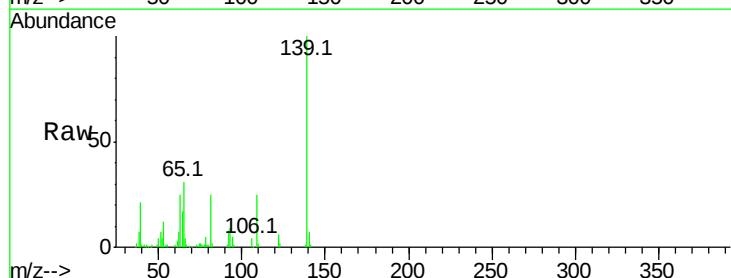
RT: 7.68 min Scan# 489

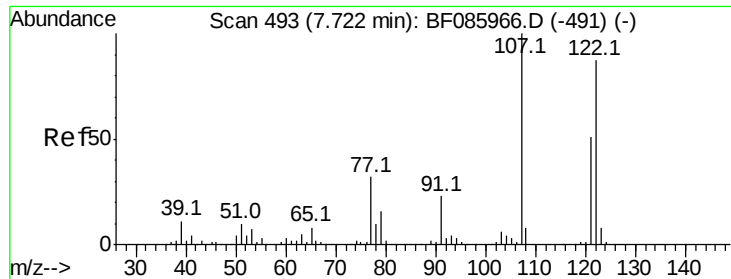
Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	139	Resp:	153767
Ion Ratio	Lower	Upper	
139	100		
109	24.8	22.1	33.1
65	31.4	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 42.91 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

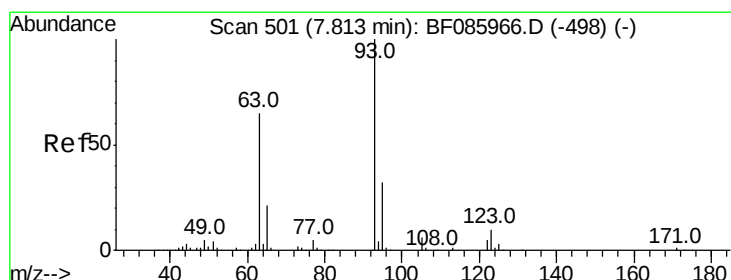
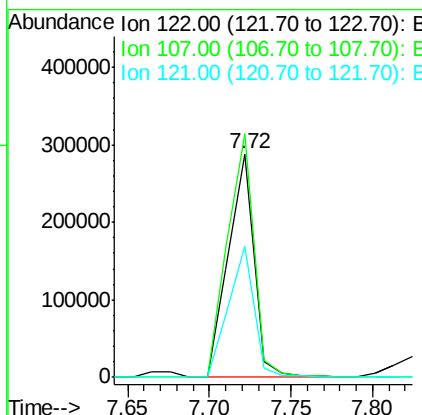
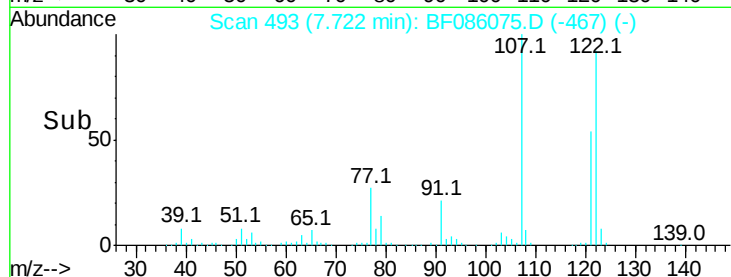
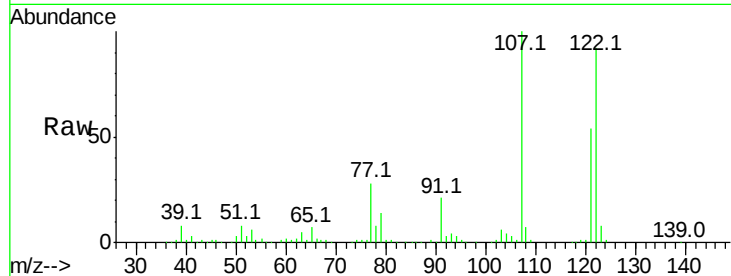
ClientSampleId :

WC-1MSD

Tot Ion:	122	Resp:	312114
Ion Ratio	Lower	Upper	
122	100		
107	109.1	93.0	139.6
121	58.7	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 42.65 ng

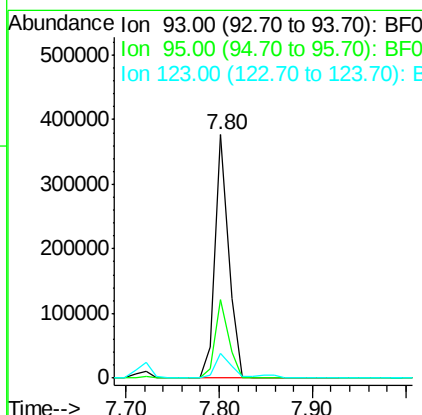
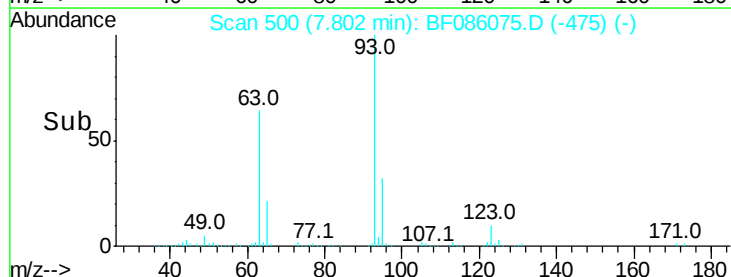
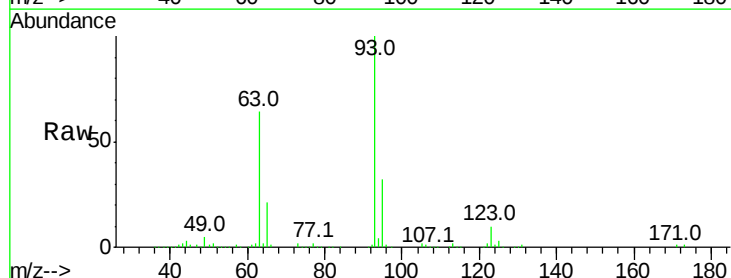
RT: 7.80 min Scan# 500

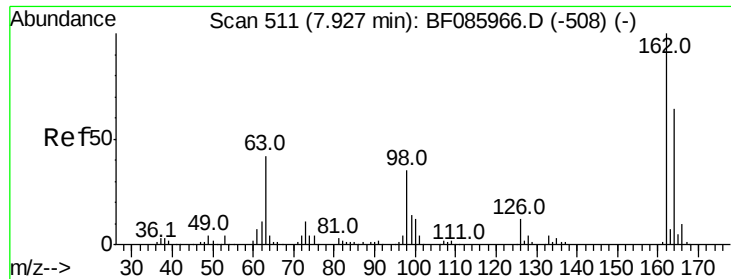
Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	93	Resp:	382221
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.4	39.6
123	10.1	9.8	14.6





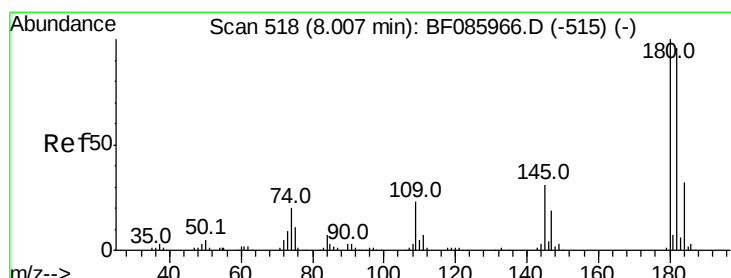
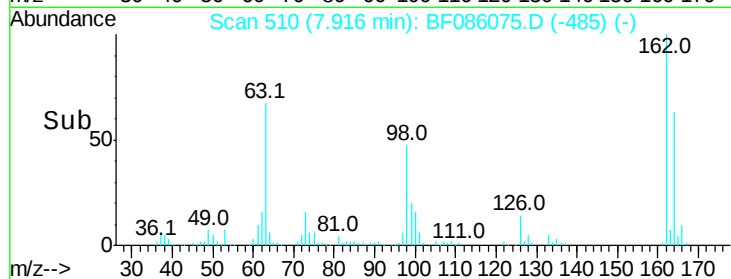
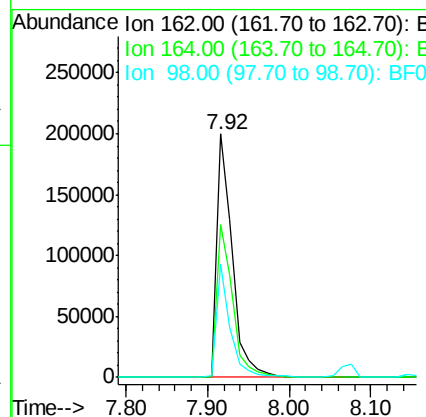
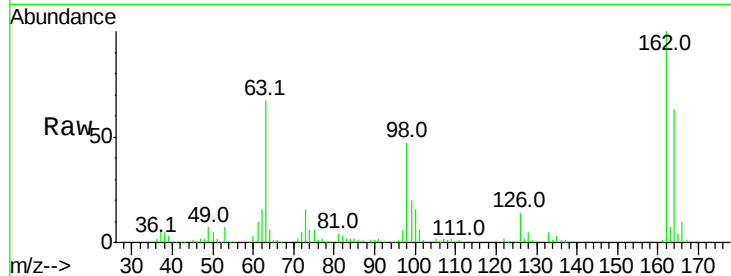
#29
 2,4-Dichlorophenol
 Concen: 43.07 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tot Ion:	162	Resp:	264903
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.7	83.7
98	46.5	20.4	60.4

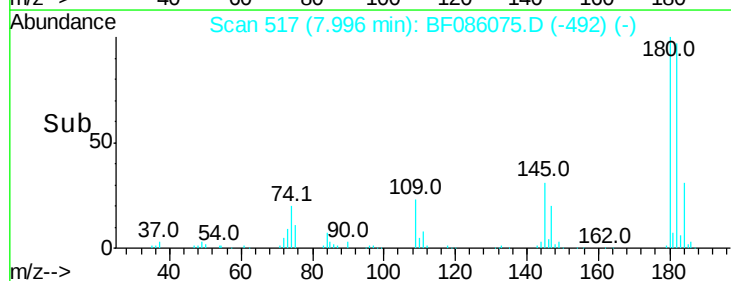
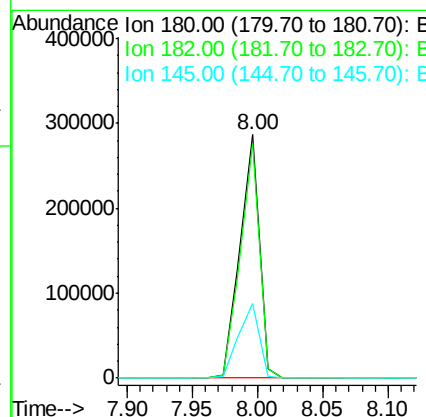
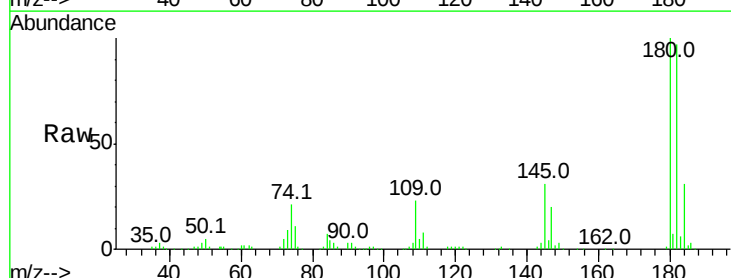
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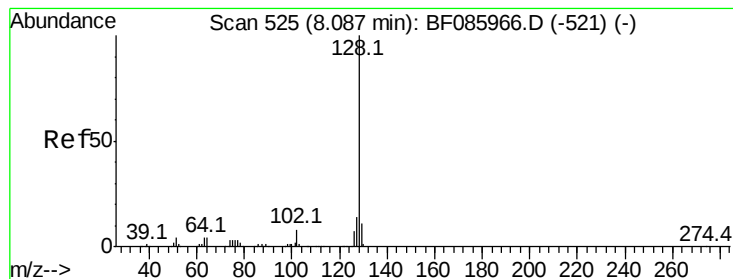
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.63 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion:	180	Resp:	294299
Ion Ratio	Lower	Upper	
180	100		
182	96.6	73.8	110.8
145	30.6	28.4	42.6





#31

Naphthalene

Concen: 46.03 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:128 Resp: 1056545

Ion Ratio Lower Upper

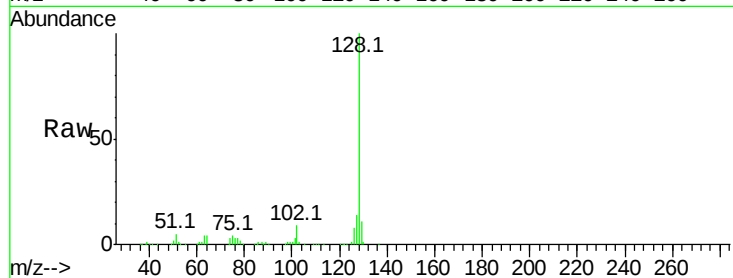
128 100

129 11.0 9.4 14.0

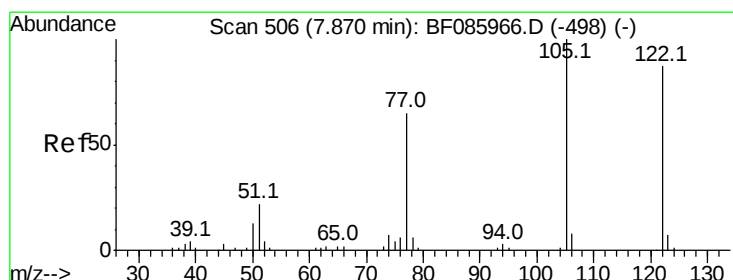
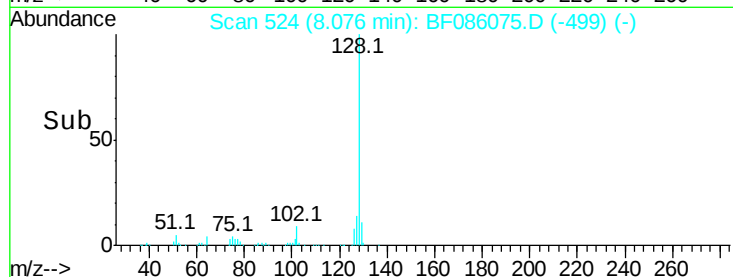
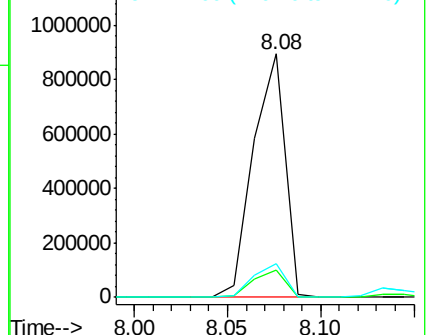
127 13.6 11.0 16.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.05 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

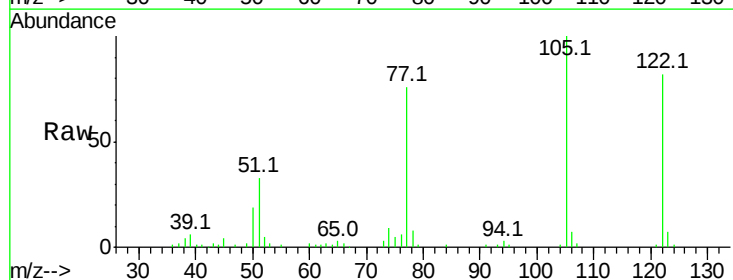
Tgt Ion:122 Resp: 149693

Ion Ratio Lower Upper

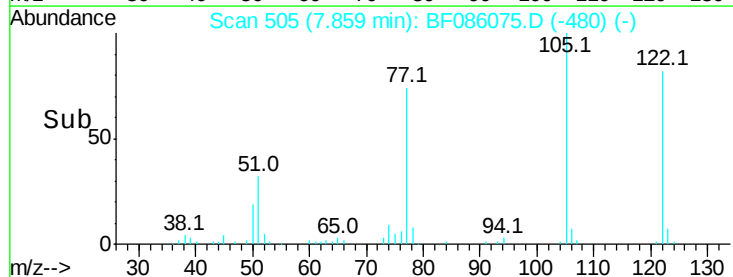
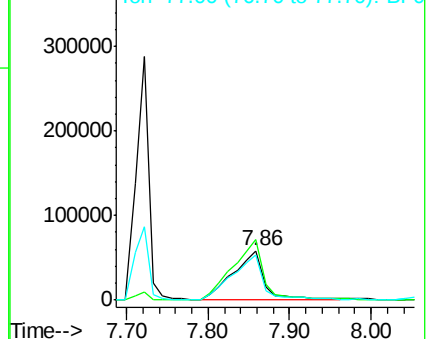
122 100

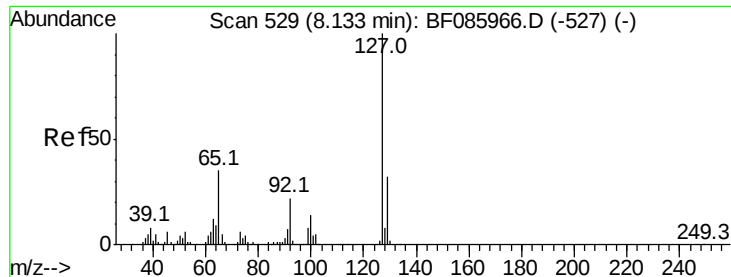
105 121.9 102.9 142.9

77 92.1 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





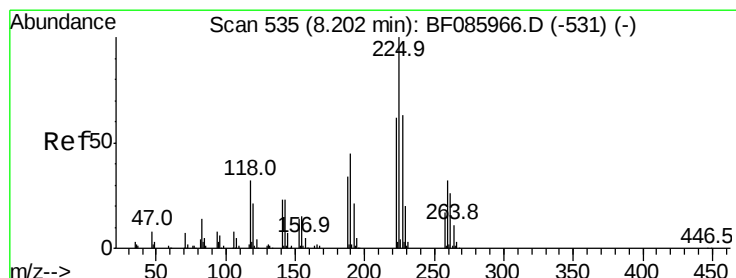
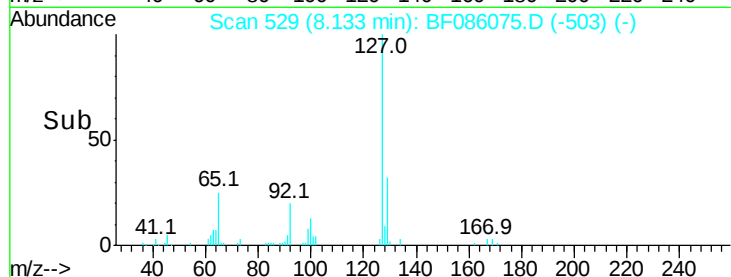
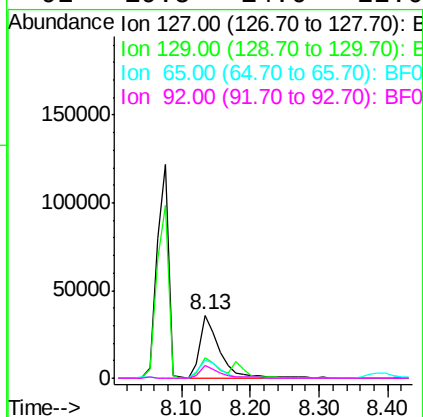
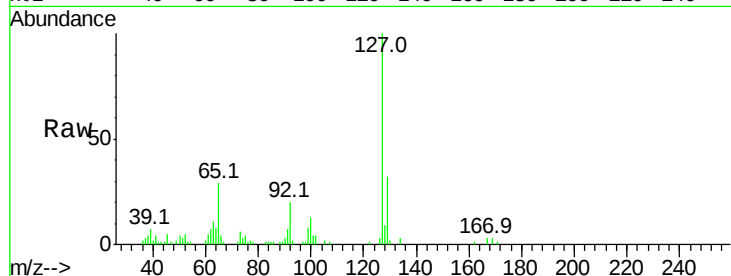
#33
4-Chloroaniline
Concen: 7.74 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	29.4	19.5	29.3
92	19.5	14.6	22.0

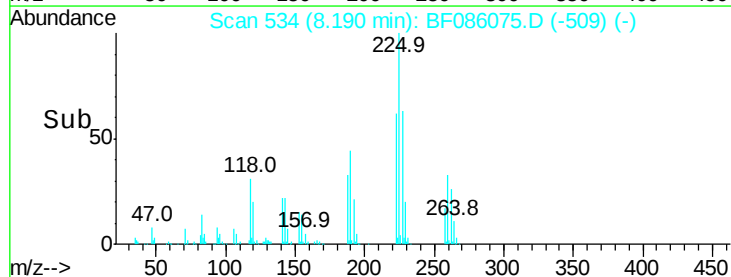
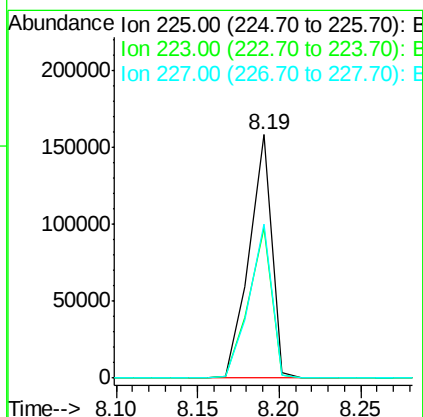
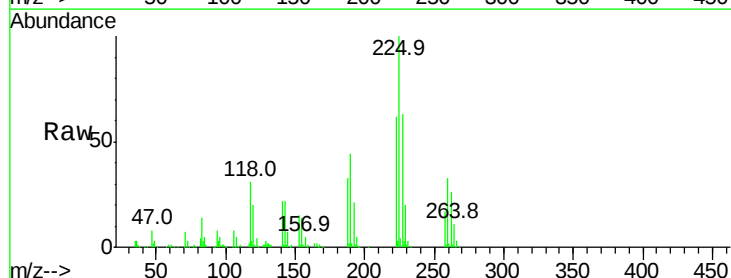
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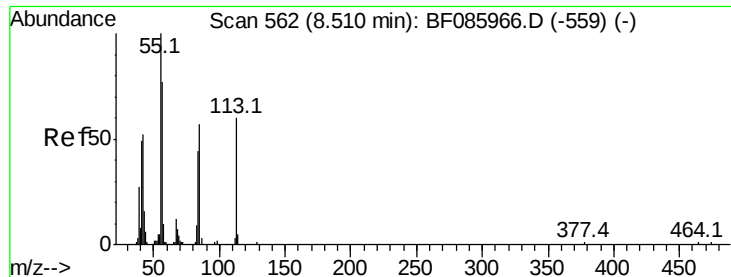
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#34
Hexachlorobutadiene
Concen: 41.05 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.4	75.6
227	63.2	51.4	77.2





#35

Caprolactam

Concen: 35.97 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

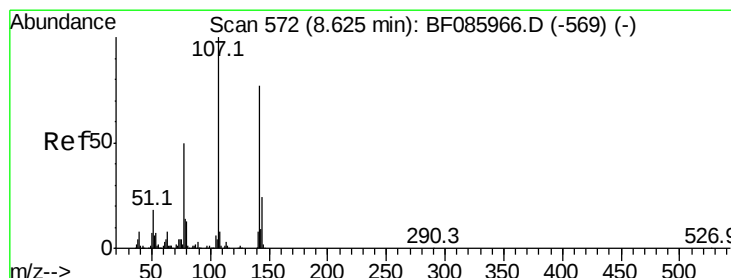
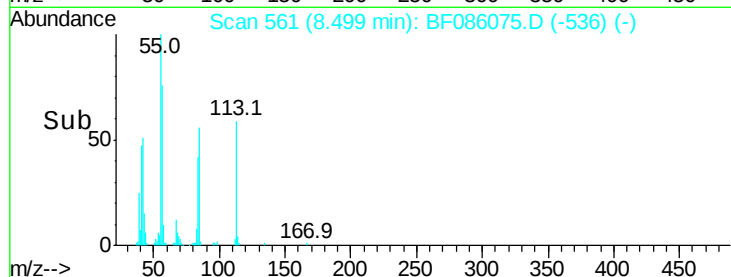
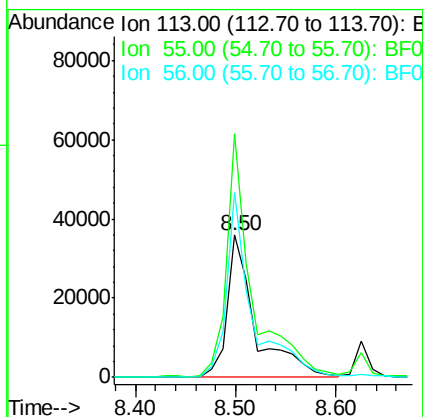
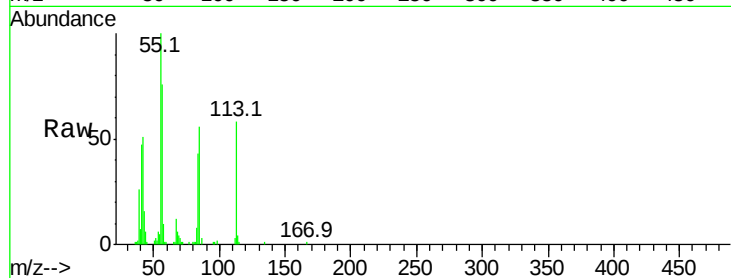
ClientSampleId :

WC-1MSD

Tot Ion:	113	Resp:	70173
Ion Ratio	Lower	Upper	
113	100		
55	171.5	139.4	179.4
56	130.5	100.4	140.4

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#36

4-Chloro-3-methylphenol

Concen: 41.12 ng

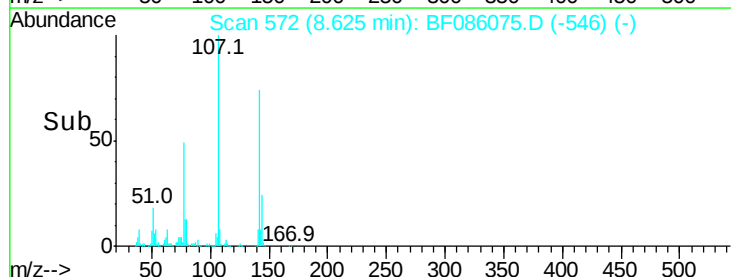
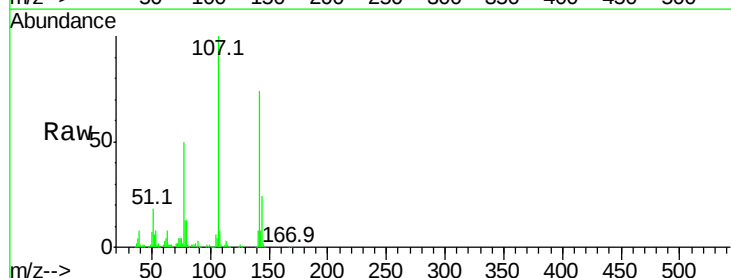
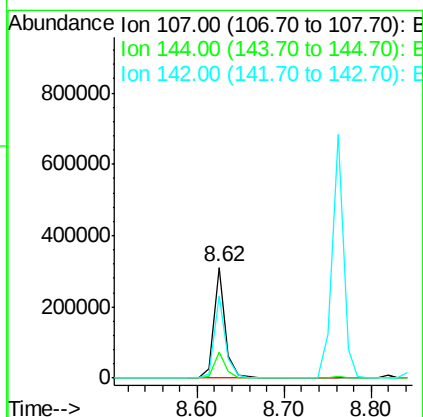
RT: 8.62 min Scan# 572

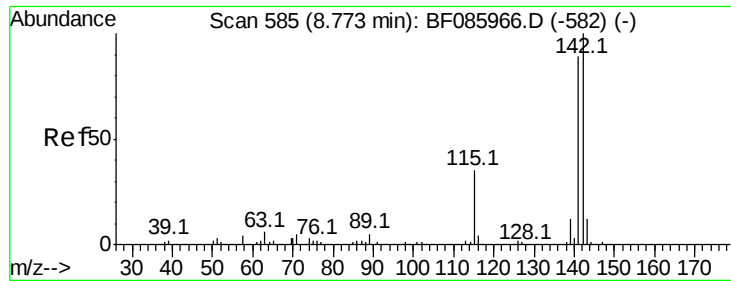
Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	107	Resp:	284261
Ion Ratio	Lower	Upper	
107	100		
144	24.0	19.3	28.9
142	74.3	61.4	92.0





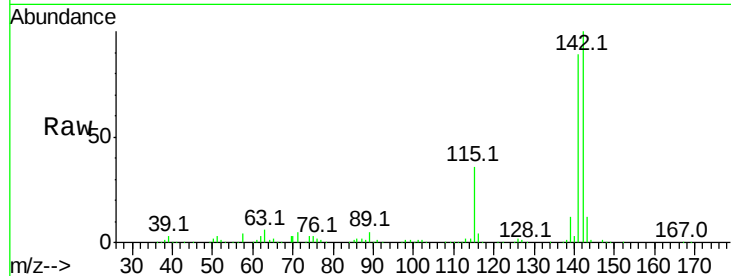
#37
2-Methylnaphthalene
Concen: 40.94 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

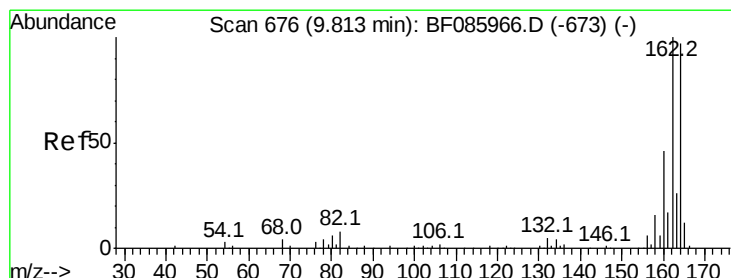
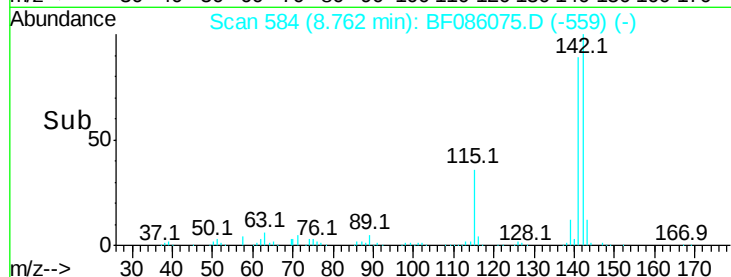
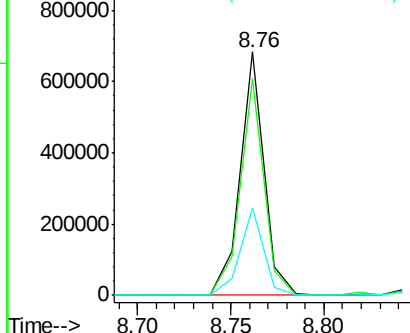
Tot Ion	Ratio	Resp	Lower	Upper
142	100	613866		
141	89.3	71.6	107.4	
115	35.8	26.8	40.2	

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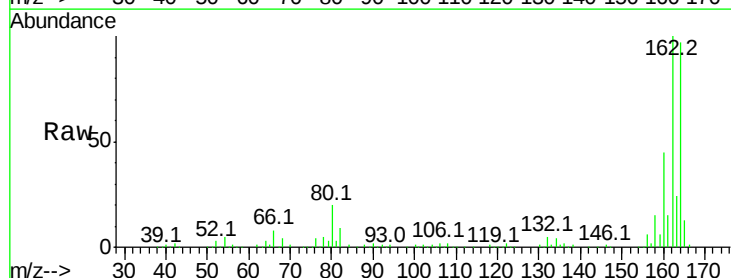


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

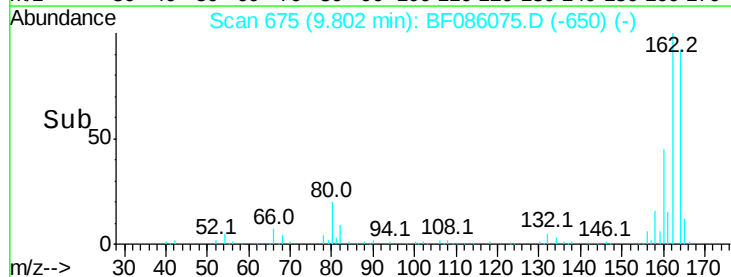
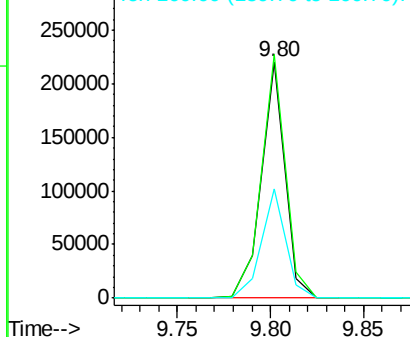


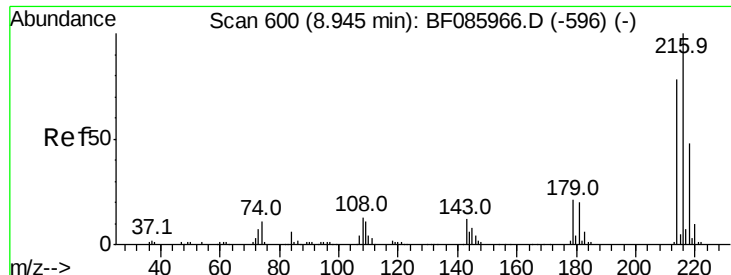
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	192777		
162	103.0	82.1	123.1	
160	46.2	37.4	56.2	



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





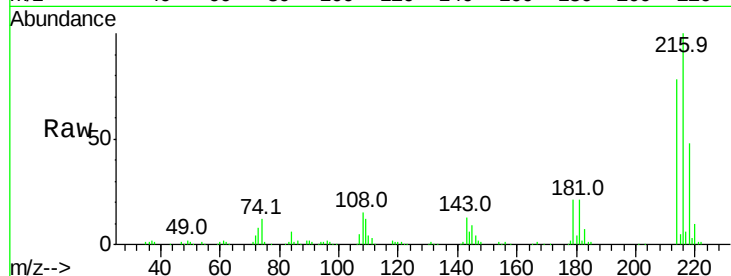
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.05 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	261031		
214	78.4	63.1	94.7	
179	22.8	18.2	27.2	
108	20.1	17.3	25.9	

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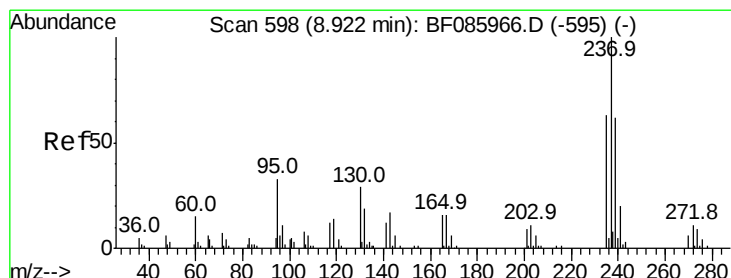
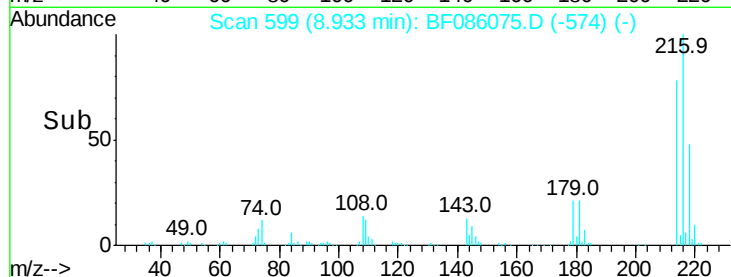
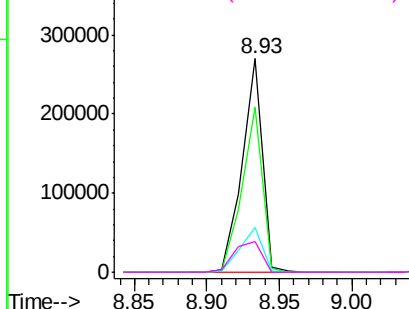
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

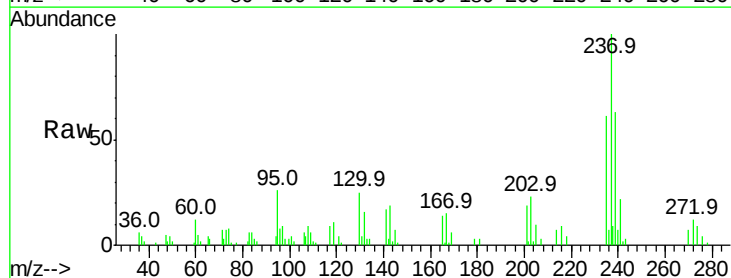
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 20.44 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	25268		
235	60.9	43.7	83.7	
272	12.1	0.0	31.9	

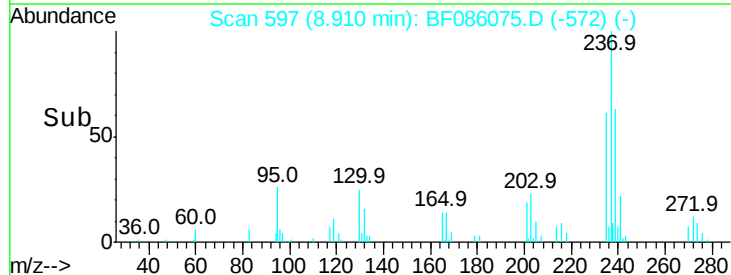
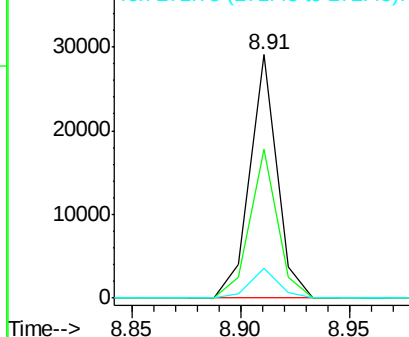


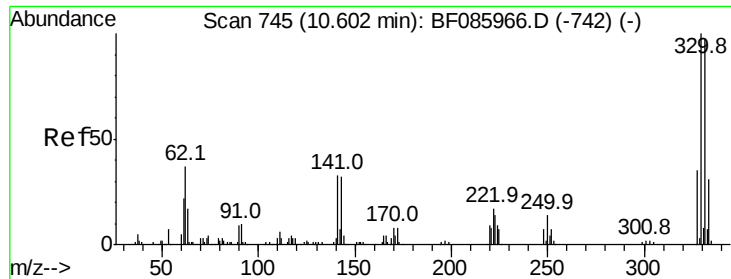
Abundance

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





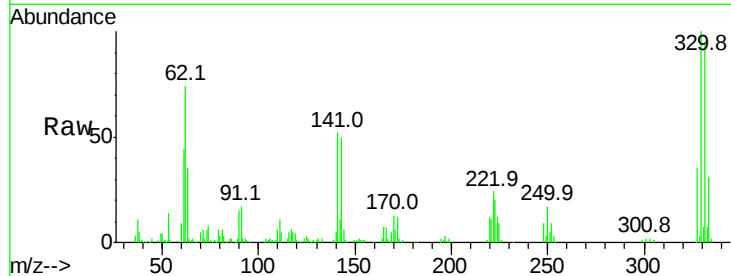
#41
 2,4,6-Tribromophenol
 Concen: 110.30 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

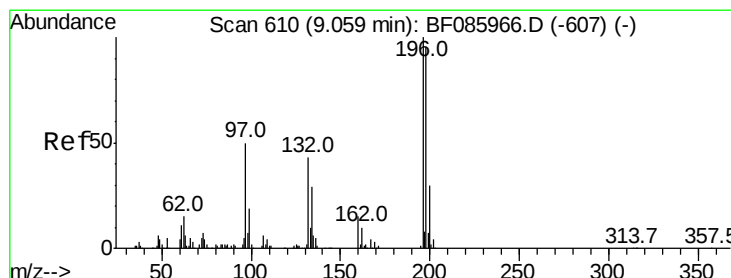
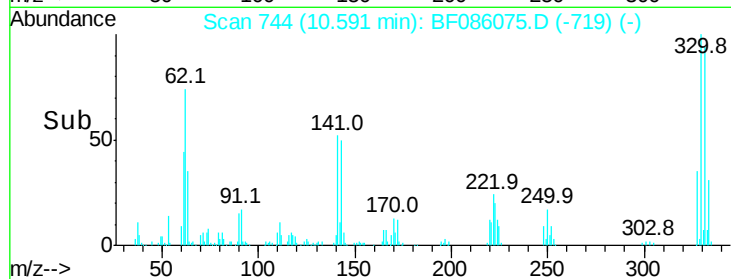
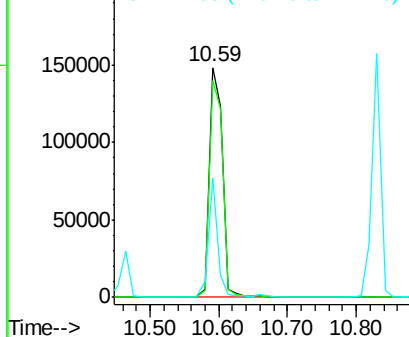
Tot Ion	Ratio	Resp	Lower	Upper
330	100	199582		
332	96.1	78.2	117.2	
141	36.5	31.5	47.3	

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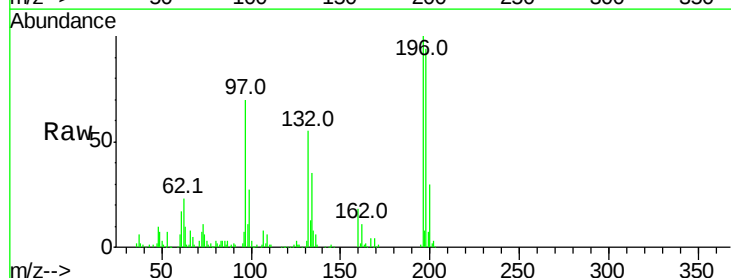


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

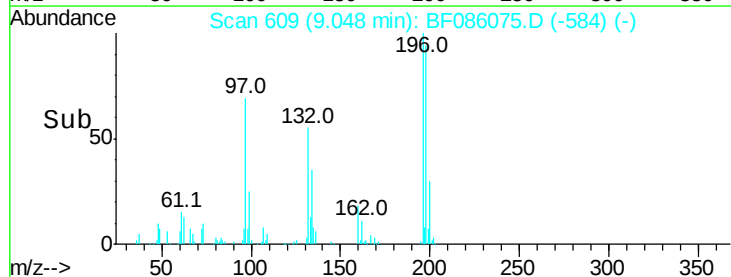
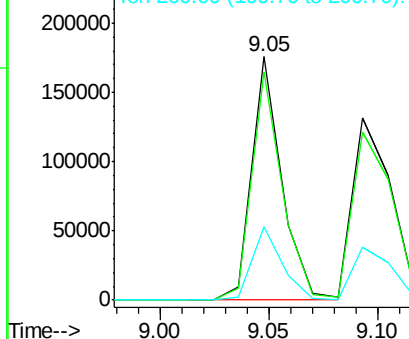


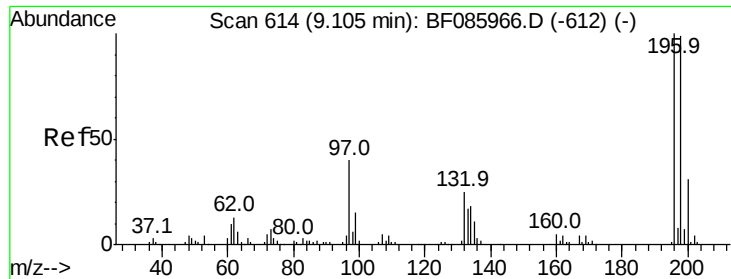
#42
 2,4,6-Trichlorophenol
 Concen: 45.40 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168919		
198	93.6	75.3	112.9	
200	30.0	23.7	35.5	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





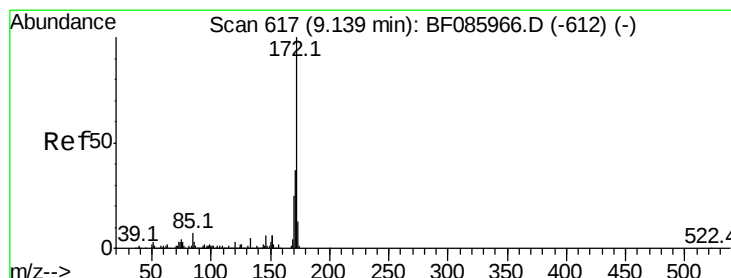
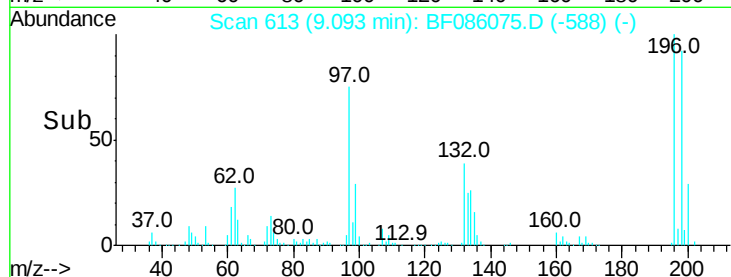
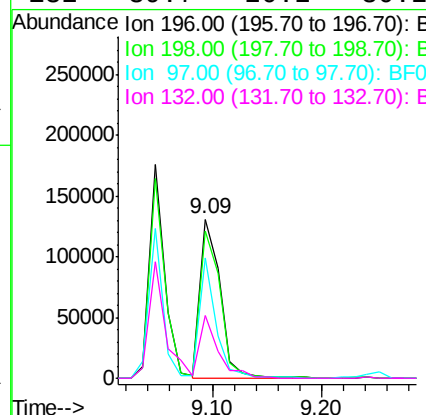
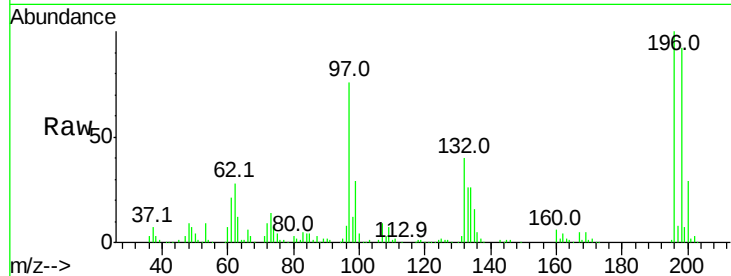
#43
 2,4,5-Trichlorophenol
 Concen: 44.29 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167296		
198	92.2	76.6	114.8	
97	75.7	30.5	45.7	
132	39.7	20.2	30.2	

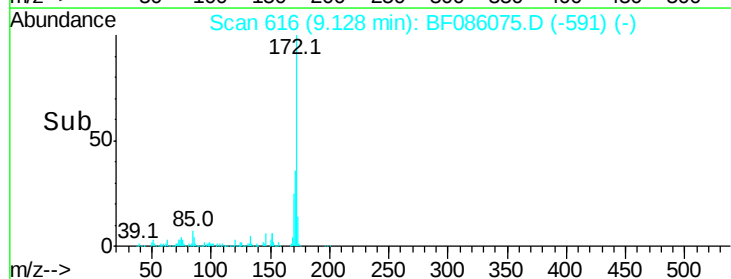
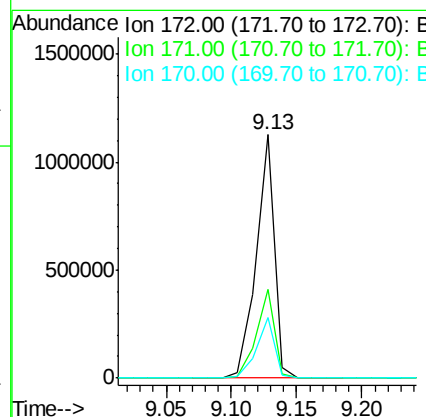
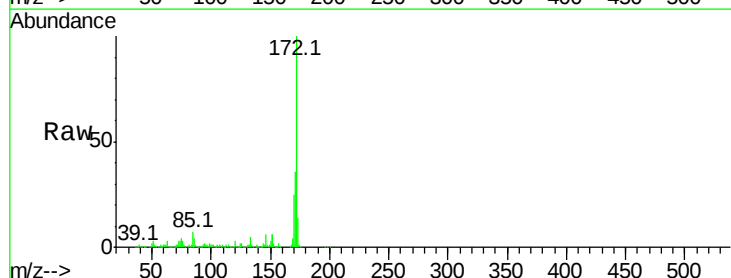
Manual Integrations
 APPROVED

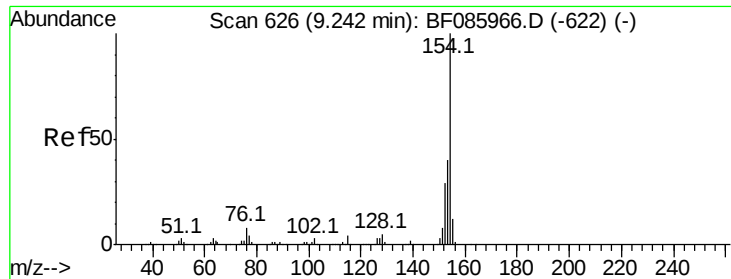
Sohil
 4/5/2016 6:39:21 PM



#44
 2-Fluorobiphenyl
 Concen: 94.27 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1092996		
171	36.2	29.4	44.2	
170	24.6	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 43.58 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

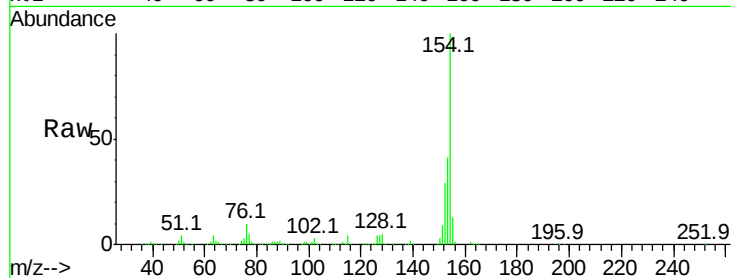
ClientSampleId :

WC-1MSD

Tot Ion:	154	Resp:	724439
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.8	60.8
76	9.9	0.0	36.7

Manual Integrations
APPROVED

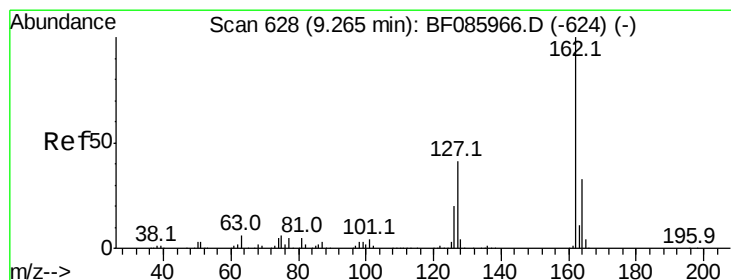
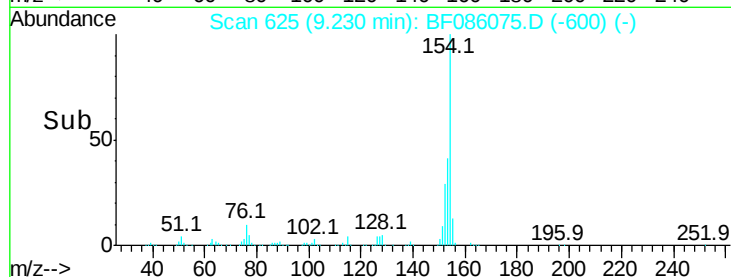
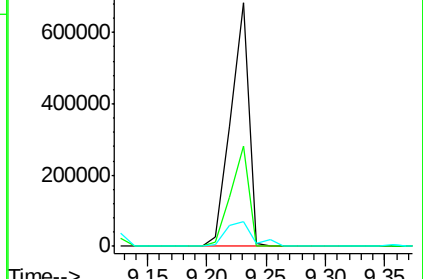
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.81 ng

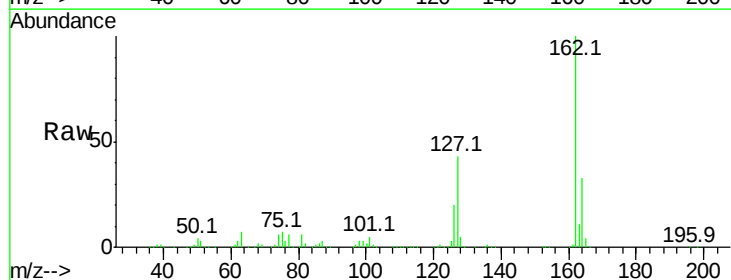
RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

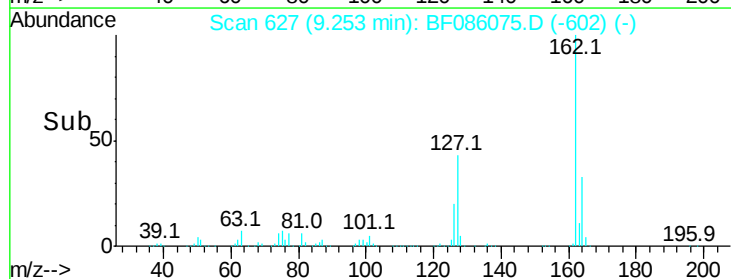
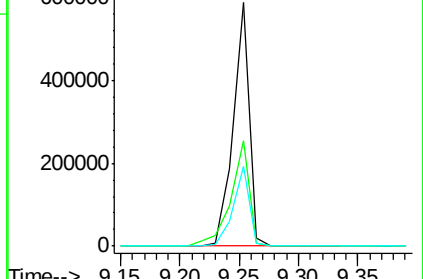
Tgt Ion:	162	Resp:	551975
Ion Ratio	Lower	Upper	
162	100		
127	43.2	31.7	47.5
164	33.0	27.3	40.9

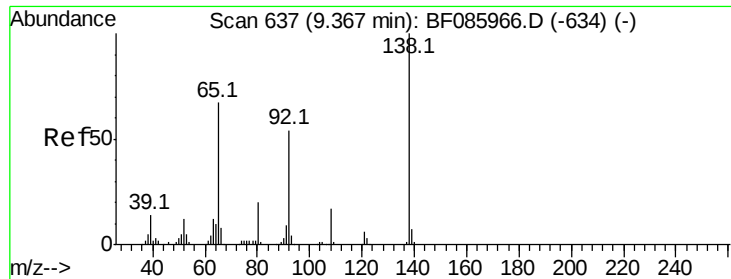


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





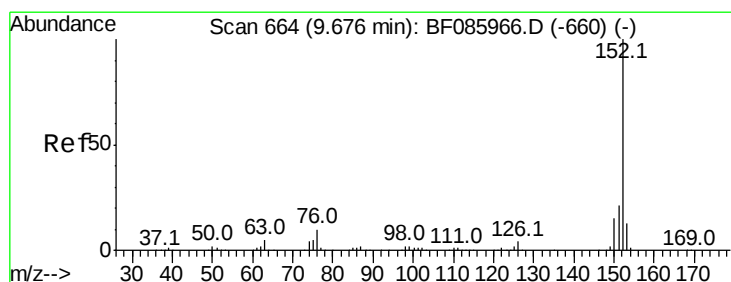
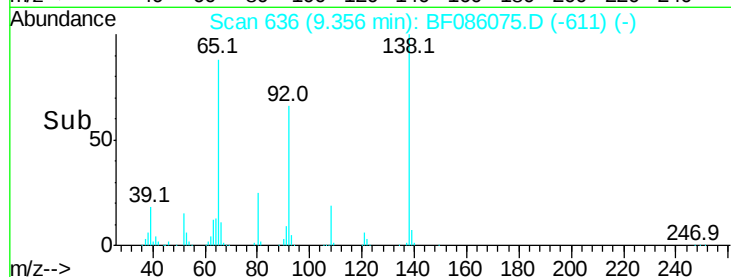
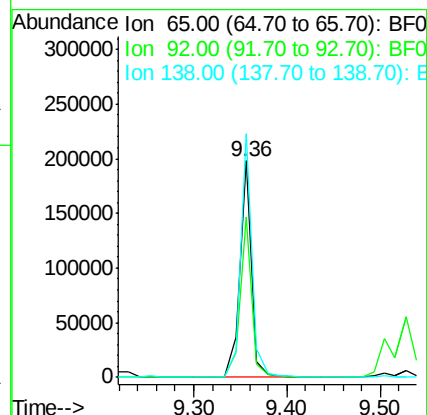
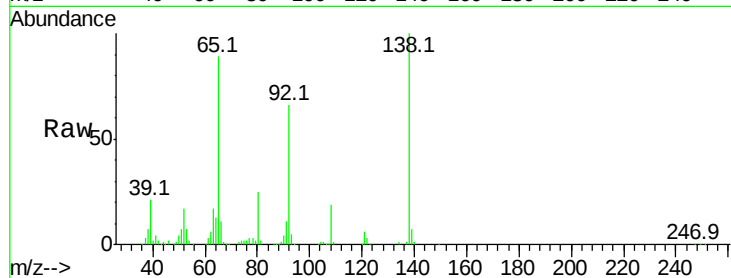
#47
2-Nitroaniline
Concen: 50.04 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.1	59.7	89.5
138	112.6	91.4	137.0

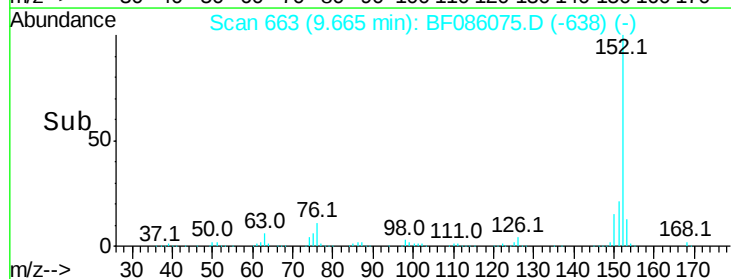
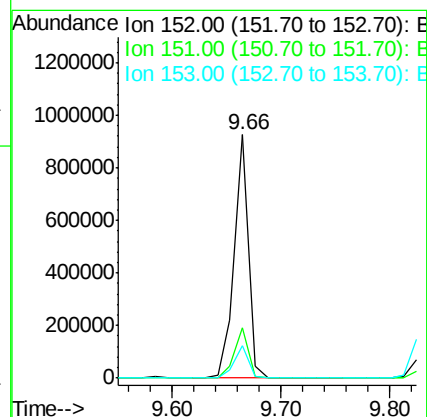
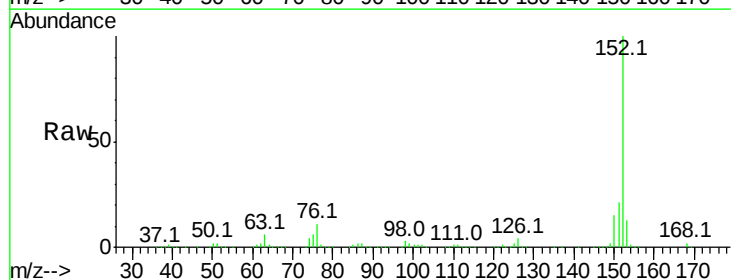
Manual Integrations
APPROVED

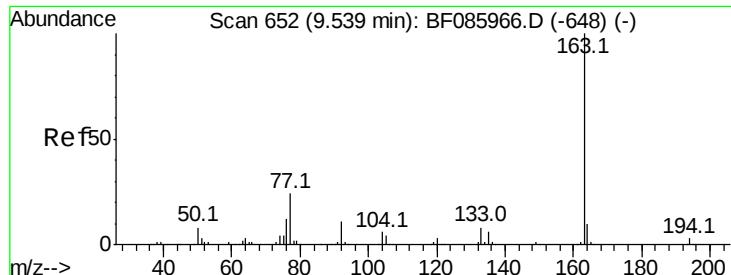
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#48
Acenaphthylene
Concen: 42.94 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.4	10.9	16.3





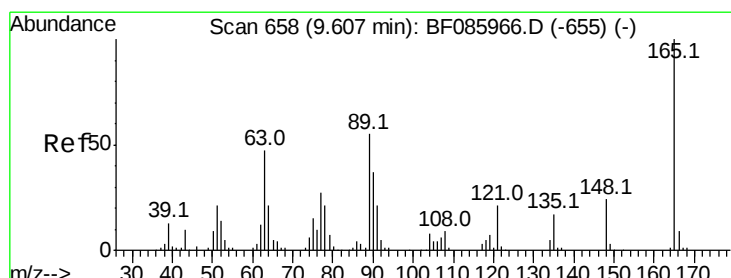
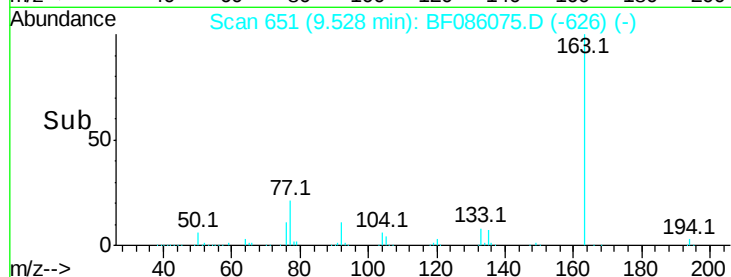
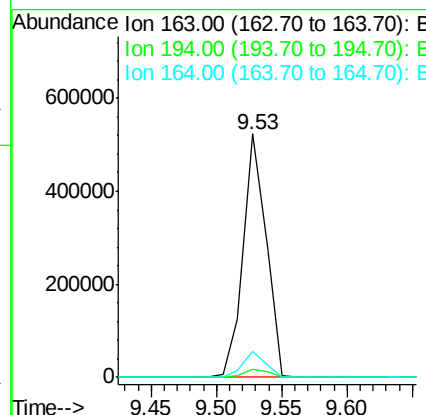
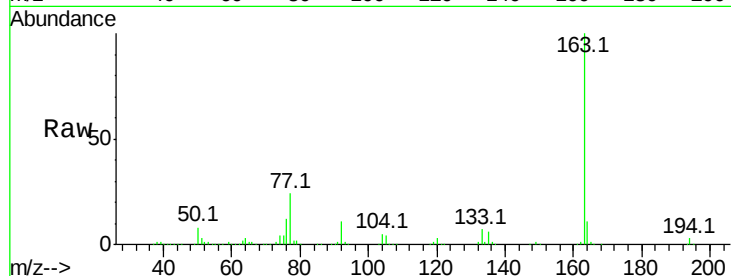
#49
Dimethylphthalate
Concen: 44.70 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	638740		
194	3.2		2.9	4.3
164	10.5		8.3	12.5

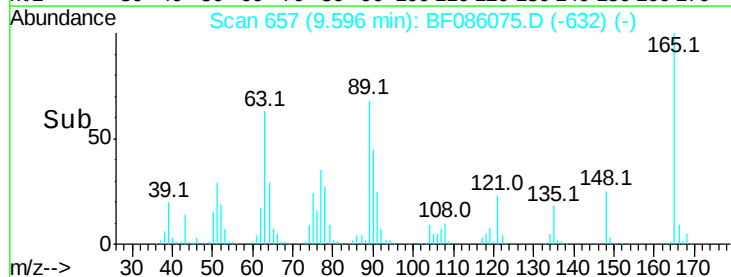
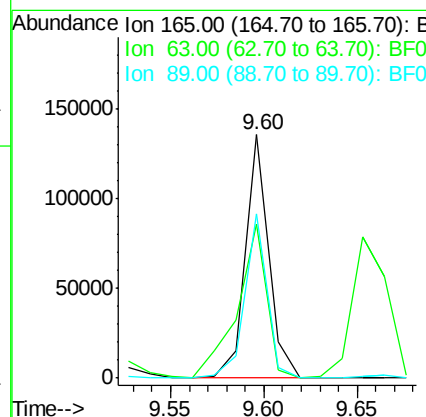
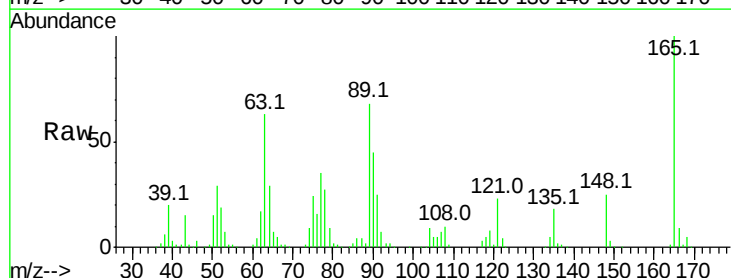
Manual Integrations
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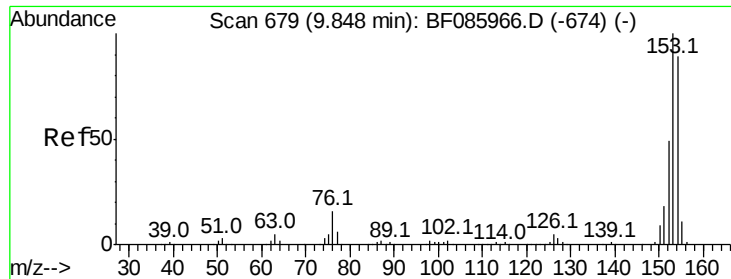
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#50
2,6-Dinitrotoluene
Concen: 39.13 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118288		
63	63.2		51.8	77.8
89	67.5		53.7	80.5





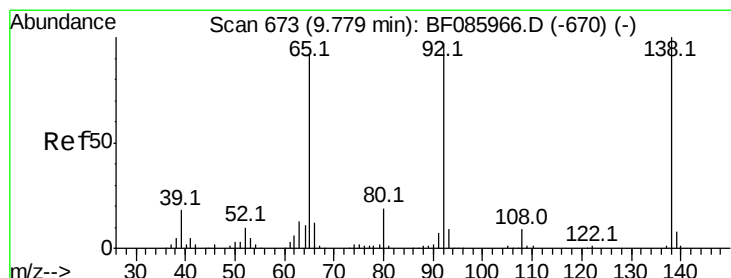
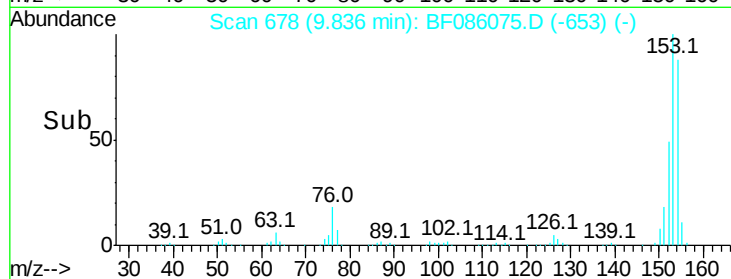
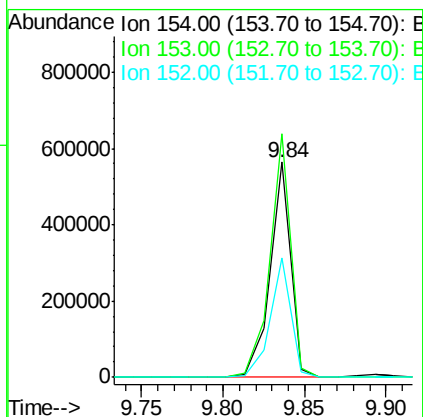
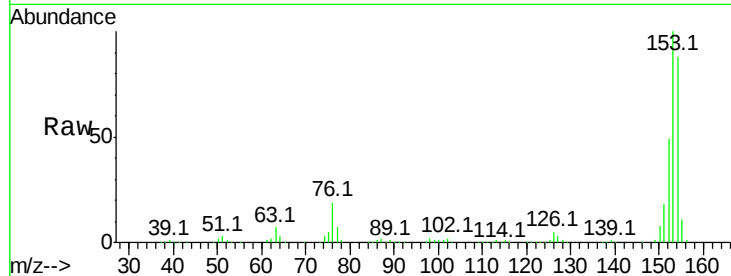
#51
Acenaphthene
Concen: 43.35 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.1	135.1
152	55.6	44.2	66.2

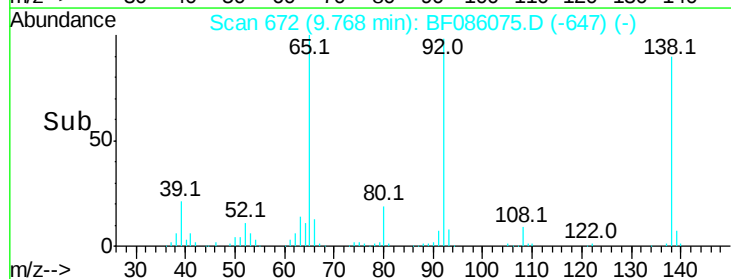
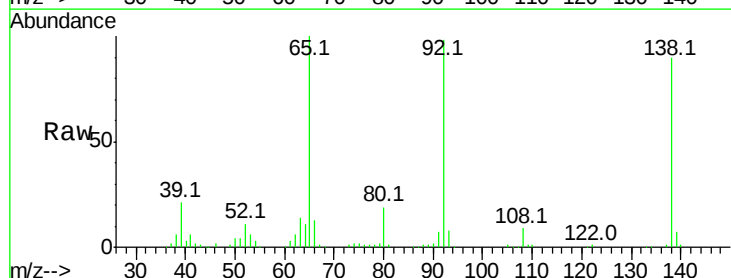
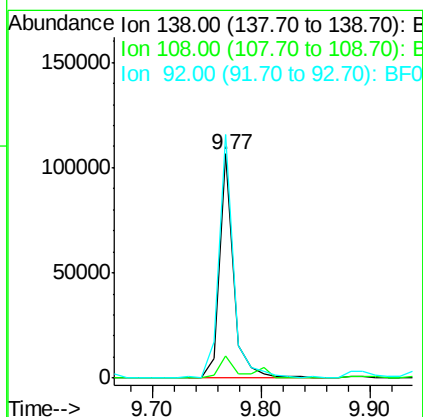
Manual Integrations
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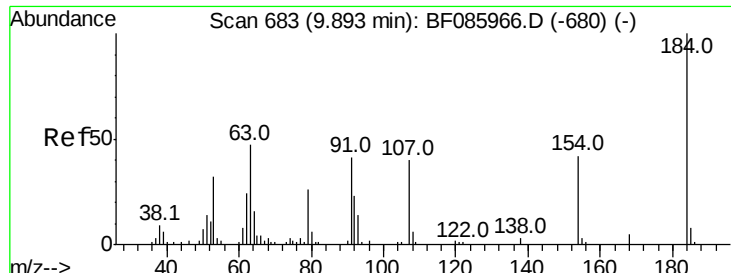
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#52
3-Nitroaniline
Concen: 26.70 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.7	13.1
92	108.5	93.3	139.9





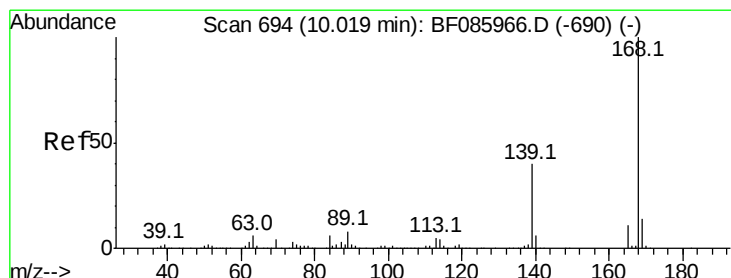
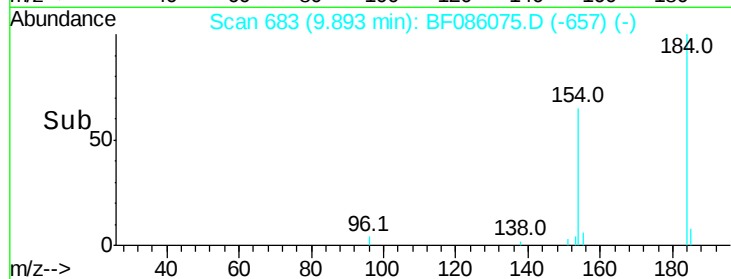
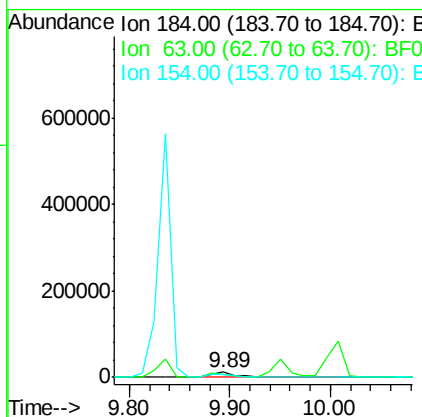
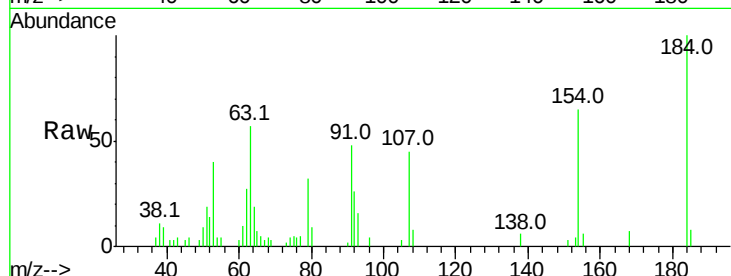
#53
 2,4-Dinitrophenol
 Concen: 19.10 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.3	69.5	104.3#
154	65.3	58.3	87.5

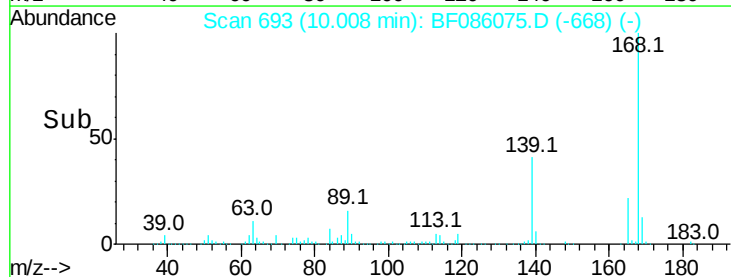
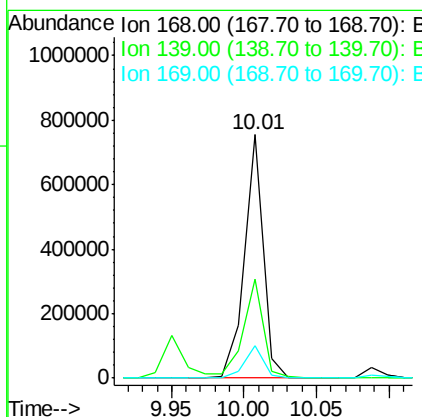
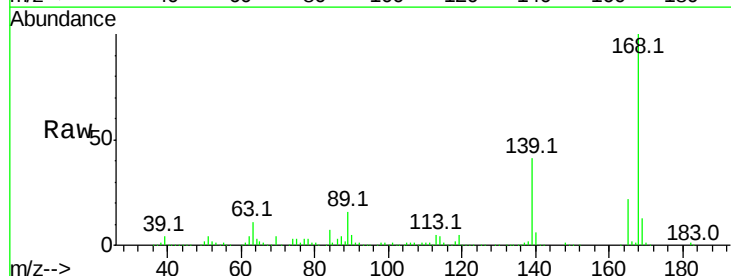
Manual Integrations
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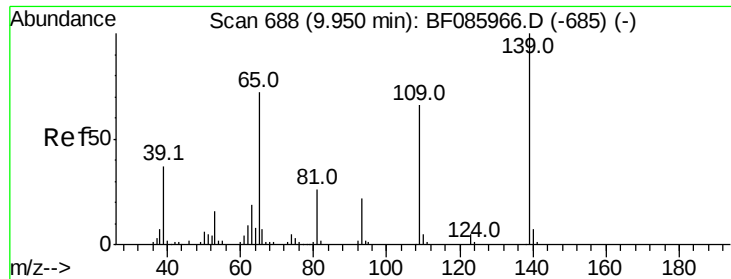
Sohil
 4/5/2016 6:39:21 PM



#54
 Dibenzofuran
 Concen: 44.75 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.9	47.9
169	13.4	11.0	16.6





#55

4-Nitrophenol

Concen: 67.55 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

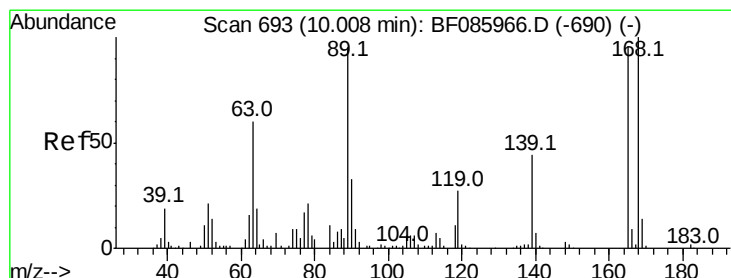
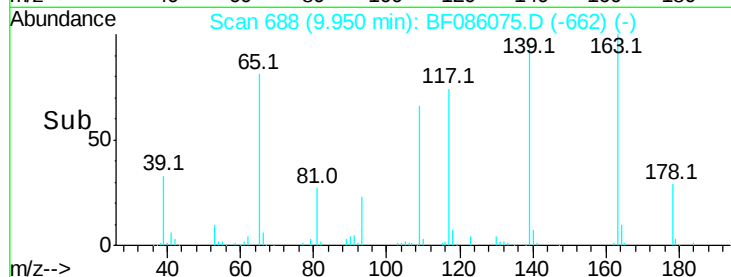
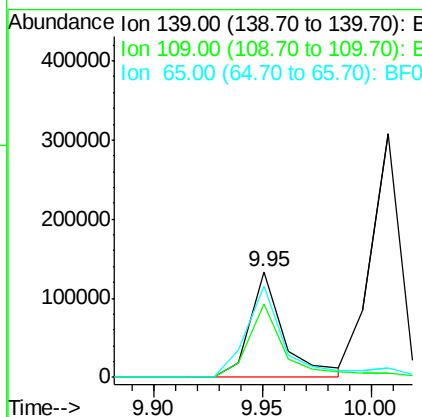
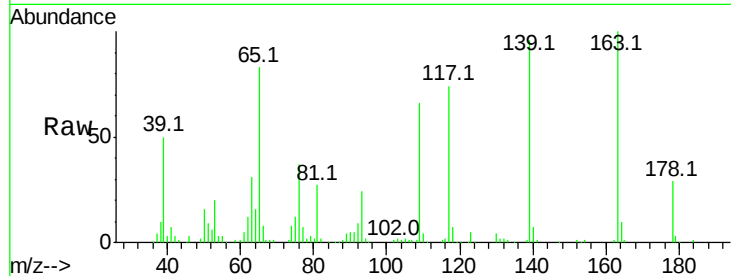
ClientSampleId :

WC-1MSD

Tot Ion:	139	Resp:	145094
Ion Ratio	Lower	Upper	
139	100		
109	68.9	49.2	89.2
65	86.8	66.9	106.9

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 38.93 ng

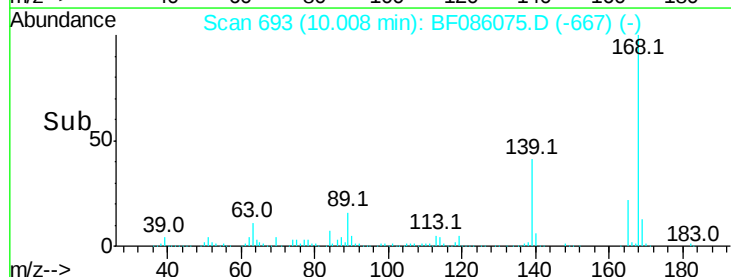
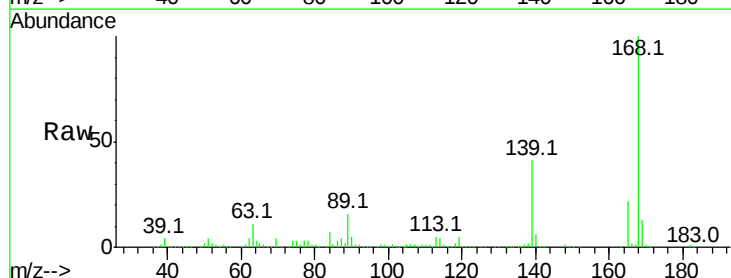
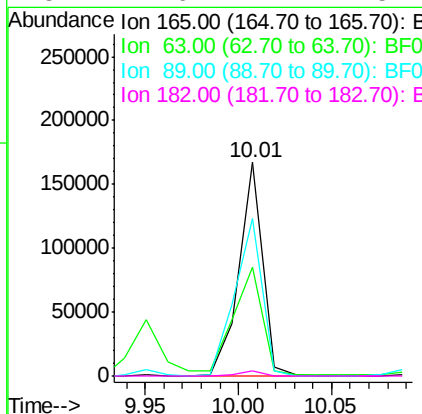
RT: 10.01 min Scan# 693

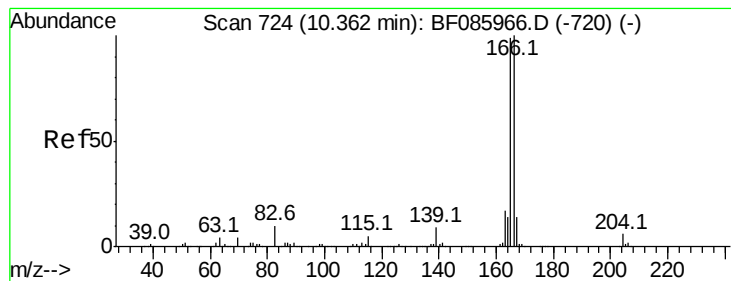
Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	165	Resp:	148720
Ion Ratio	Lower	Upper	
165	100		
63	51.0	24.9	37.3#
89	73.5	41.0	61.6#
182	2.6	2.1	3.1





#57

Fluorene

Concen: 41.70 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

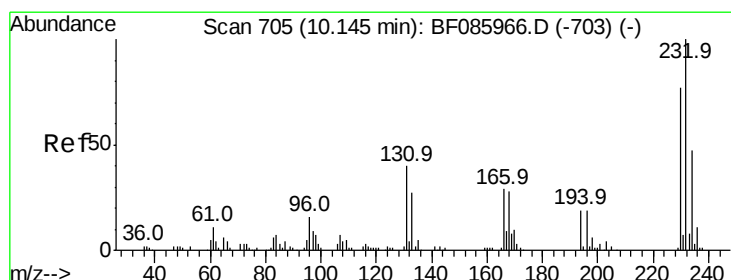
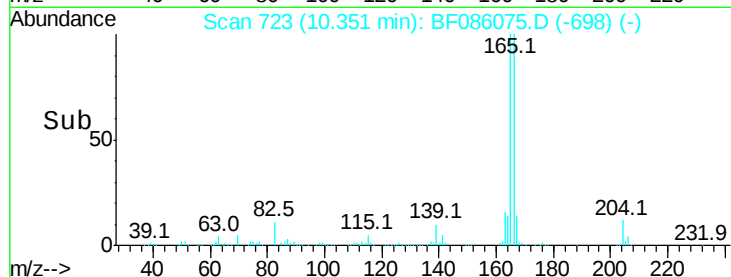
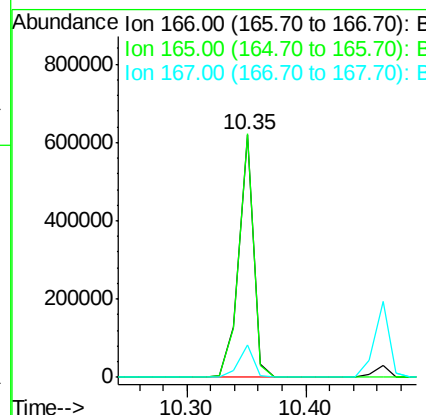
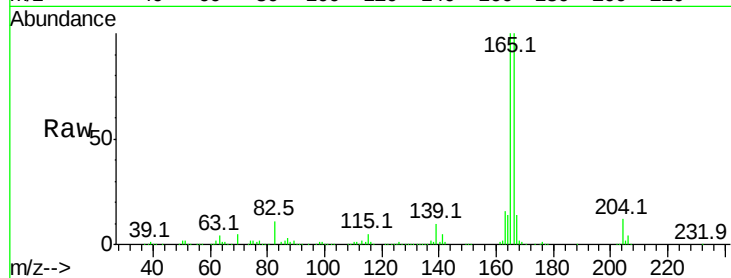
ClientSampleId :

WC-1MSD

Tot Ion:	166	Resp:	540057
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.4	119.0
167	13.6	11.0	16.4

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4/5/2016 6:39:21 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.36 ng

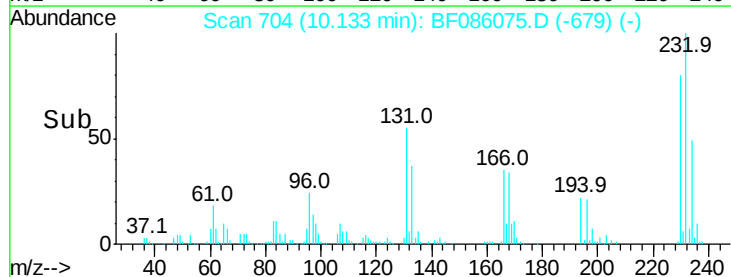
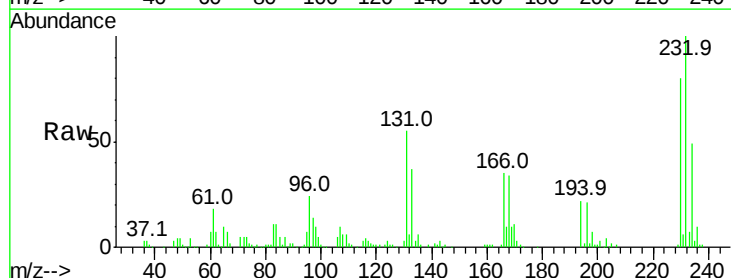
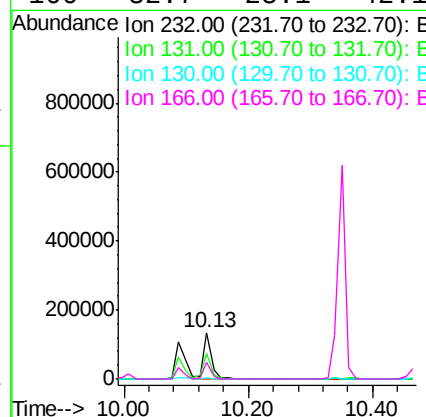
RT: 10.13 min Scan# 704

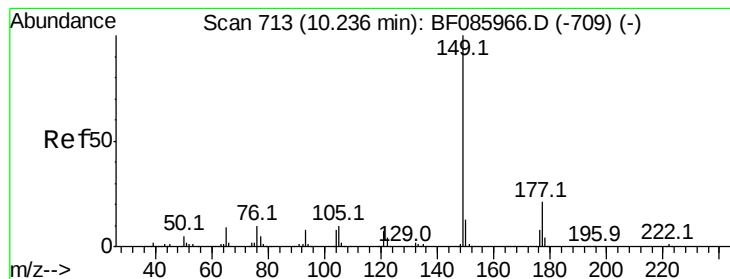
Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	232	Resp:	127576
Ion Ratio	Lower	Upper	
232	100		
131	51.6	44.9	67.3
130	2.3	2.3	3.5#
166	32.7	28.1	42.1





#59

Diethylphthalate

Concen: 46.78 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

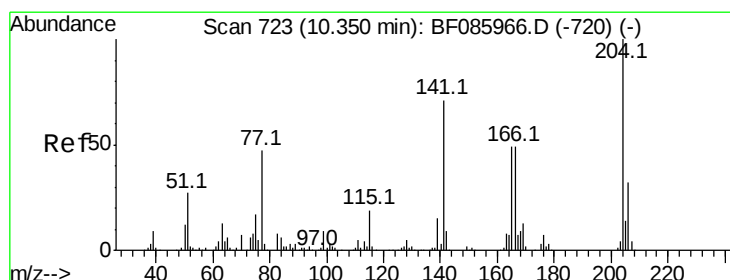
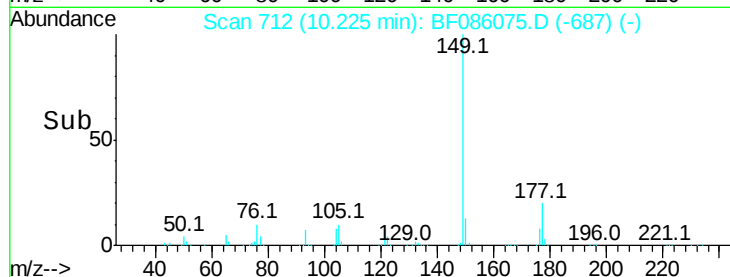
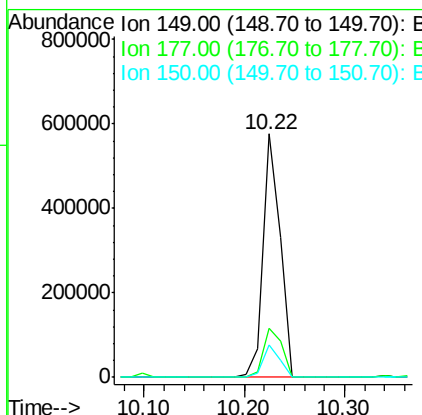
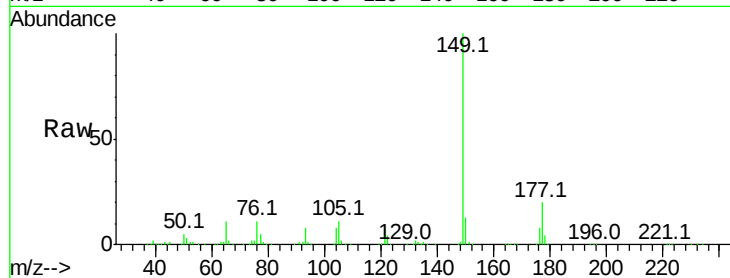
ClientSampleId :

WC-1MSD

Tot Ion:	149	Resp:	674660
Ion Ratio	Lower	Upper	
149	100		
177	20.1	17.9	26.9
150	13.1	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 39.92 ng

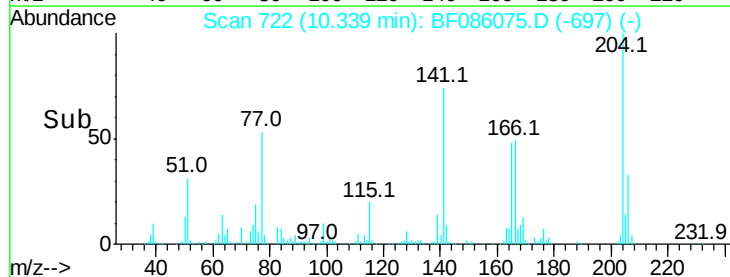
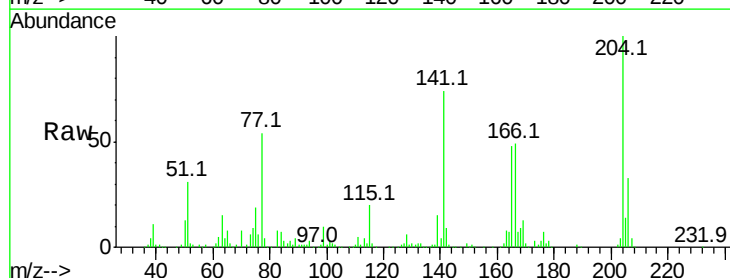
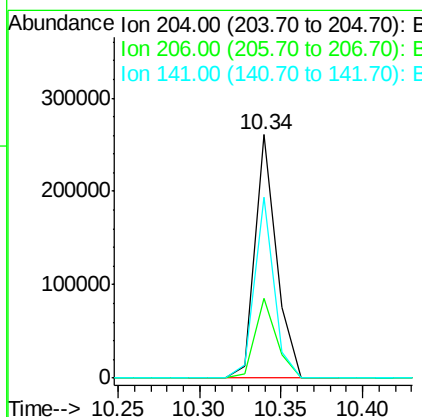
RT: 10.34 min Scan# 722

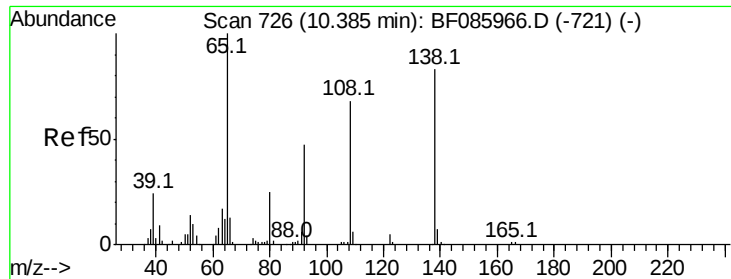
Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	204	Resp:	240782
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.6	39.8
141	74.3	57.4	86.0





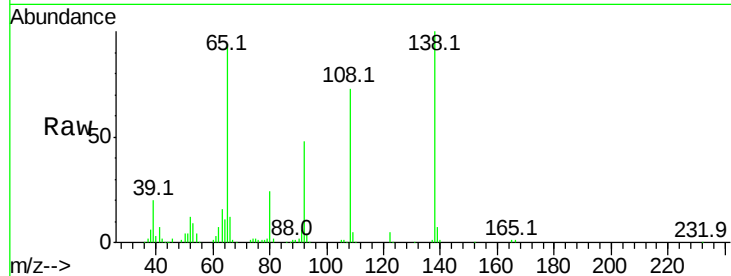
#61
4-Nitroaniline
Concen: 41.29 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

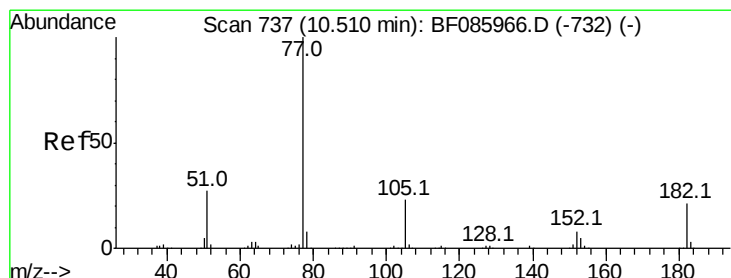
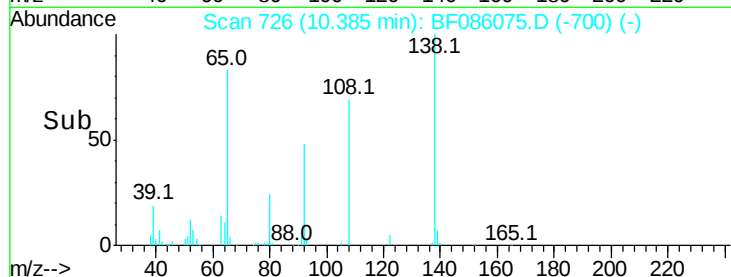
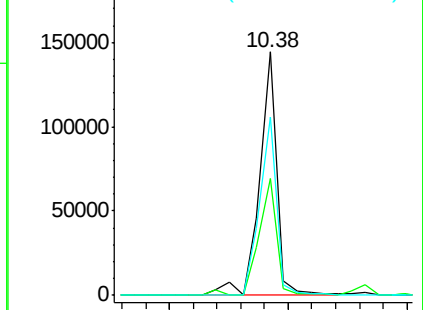
Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	26.4	66.4
108	73.4	49.0	89.0

Manual Integrations
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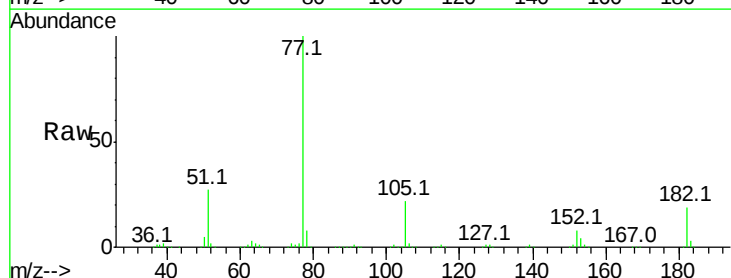


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

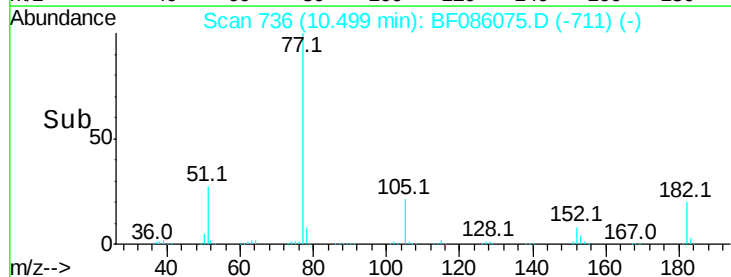
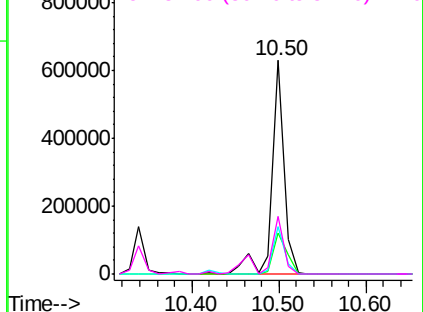


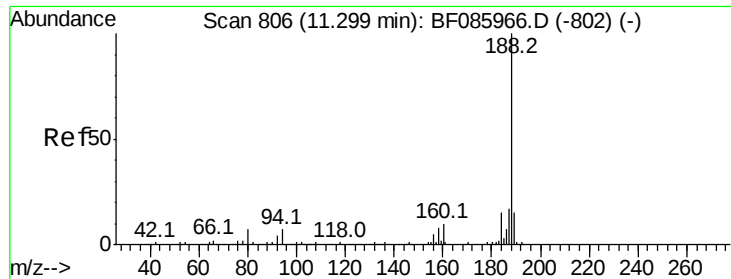
#62
Azobenzene
Concen: 43.72 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	1.9	41.9
105	22.3	3.5	43.5
51	27.1	6.3	46.3



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





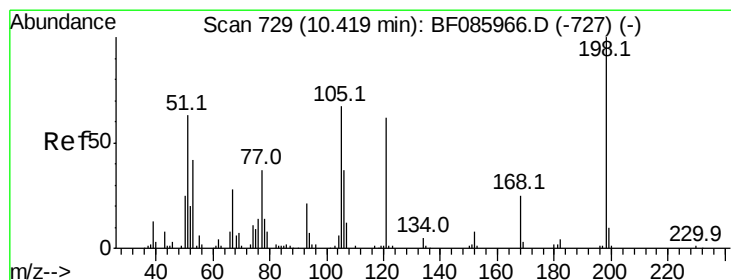
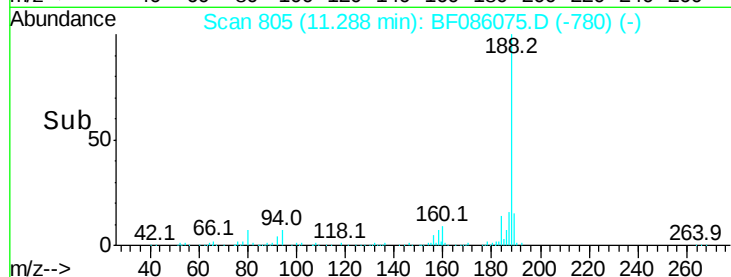
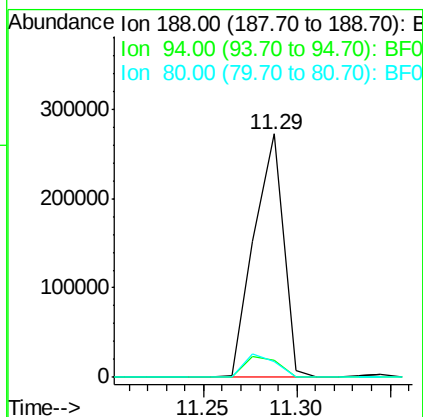
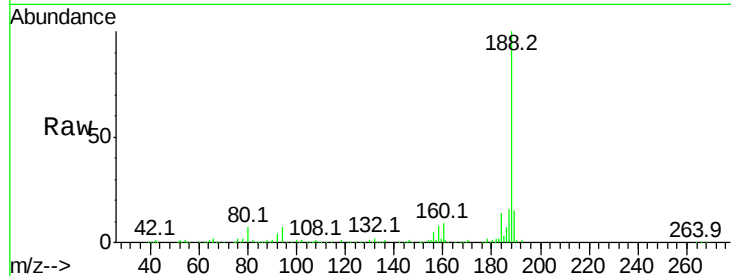
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	297946		
94	6.8		5.4	8.0
80	6.6		5.5	8.3

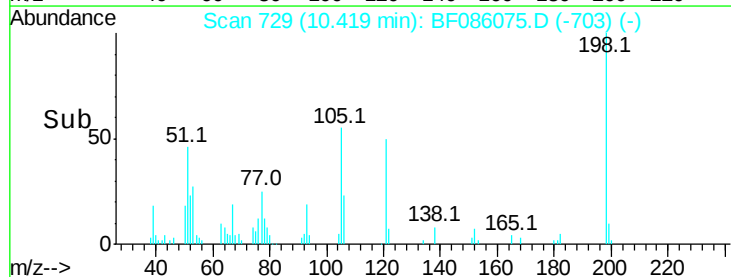
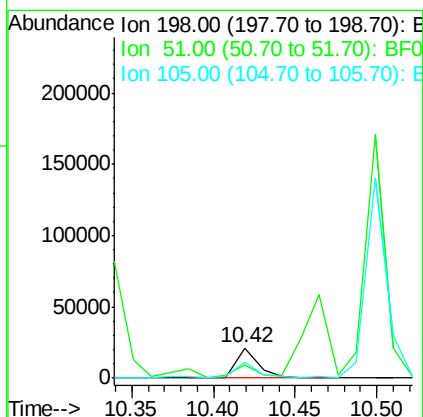
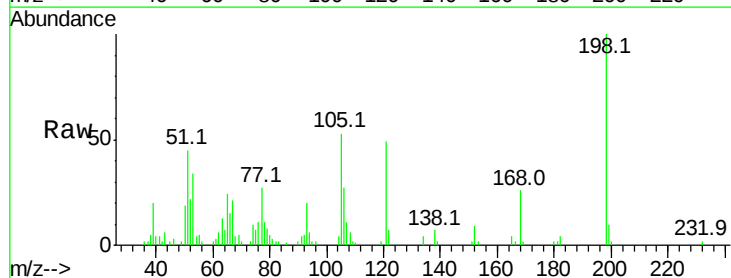
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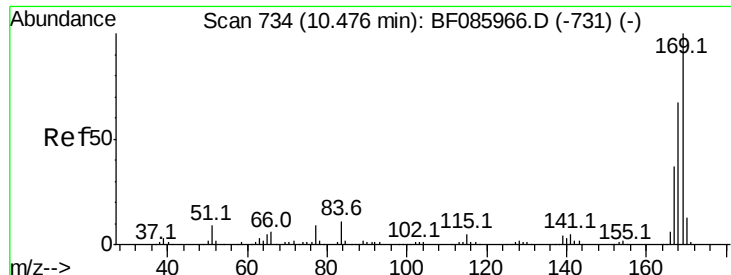
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.70 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	19326		
51	44.7		45.4	85.4#
105	52.7		45.9	85.9





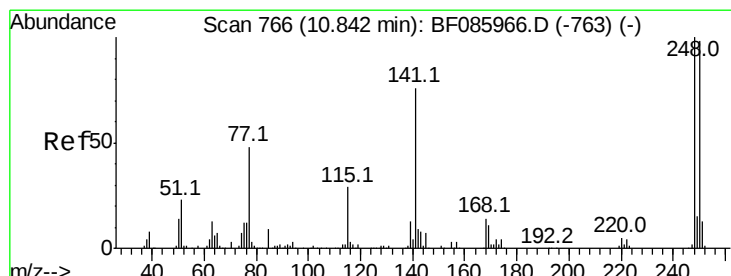
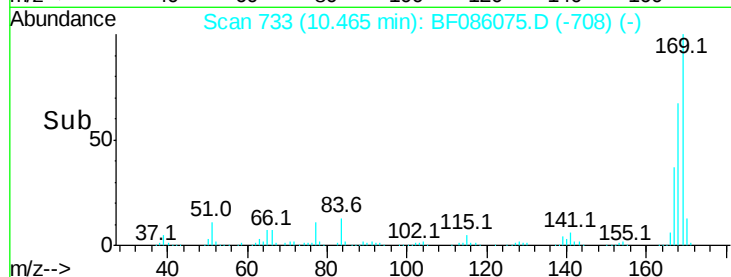
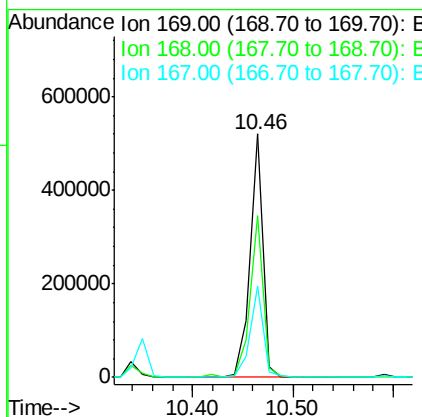
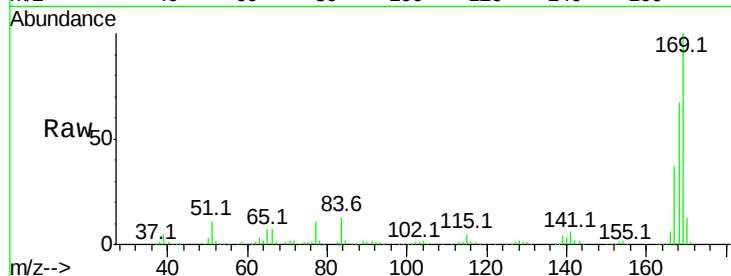
#65
n-Nitrosodiphenylamine
Concen: 49.70 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	463112		
168	66.7	54.4	81.6	
167	37.4	29.4	44.0	

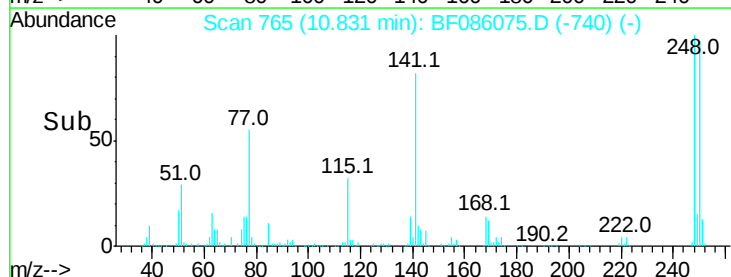
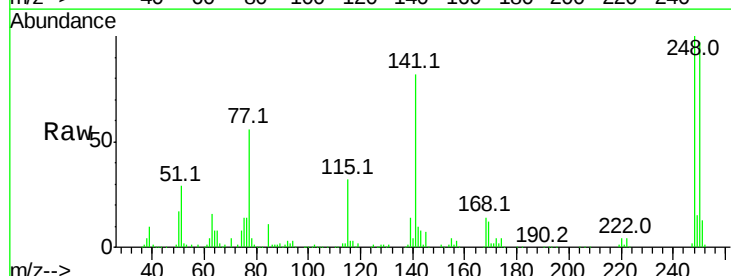
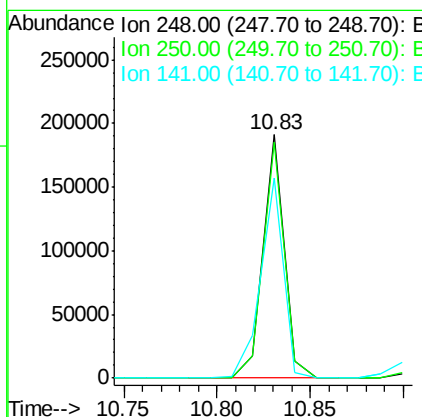
Manual Integrations
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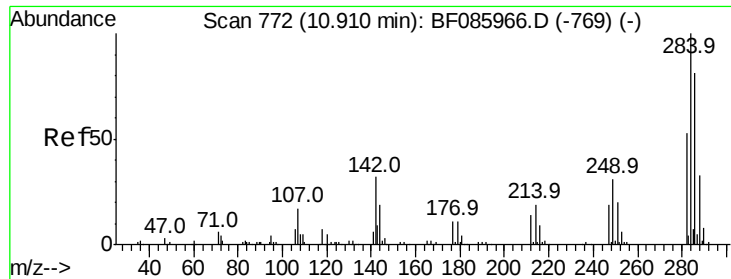
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#66
4-Bromophenyl-phenylether
Concen: 50.28 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	152951		
250	96.7	77.4	116.0	
141	82.2	63.6	95.4	





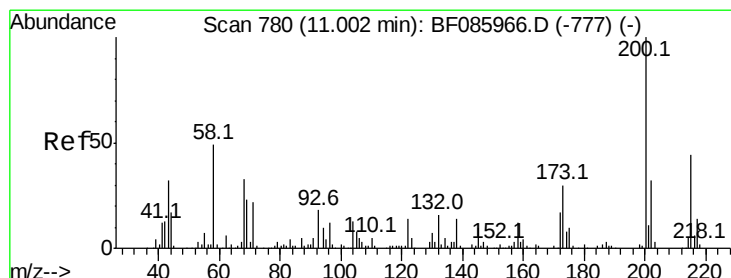
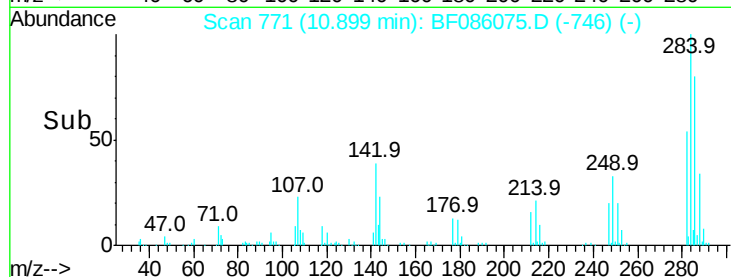
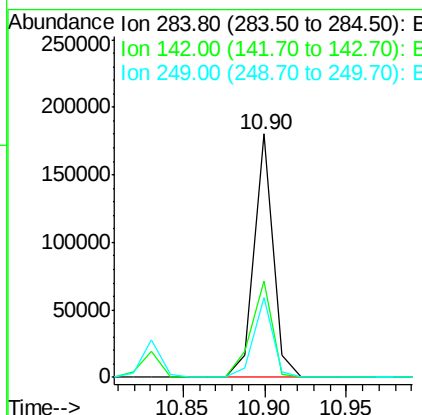
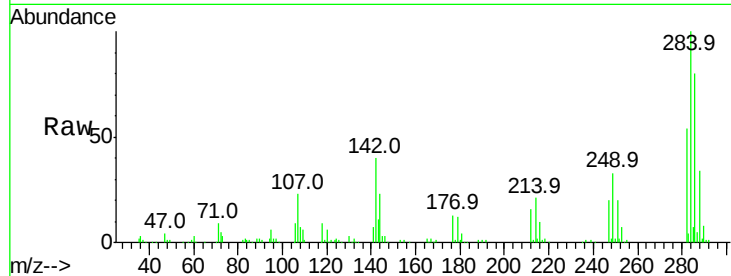
#67
Hexachlorobenzene
Concen: 46.73 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.6	23.1	34.7	
249	32.6	24.2	36.2	

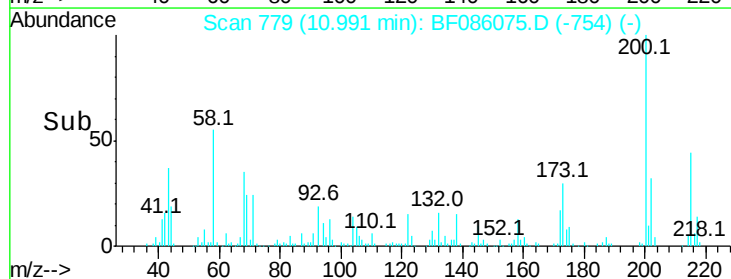
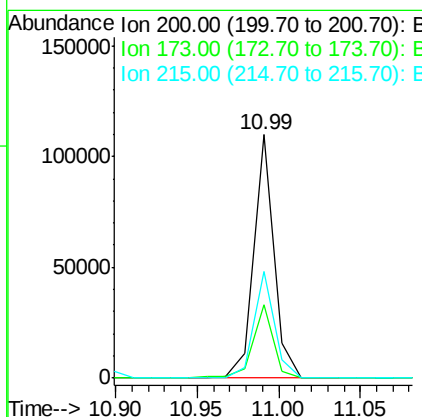
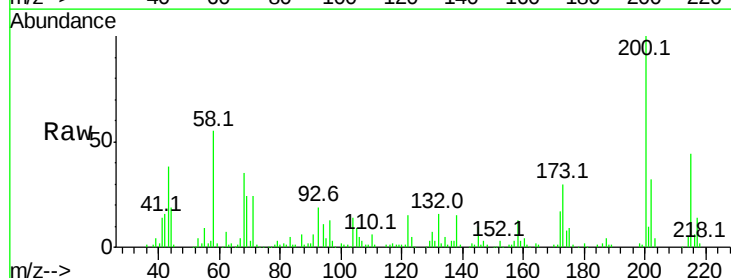
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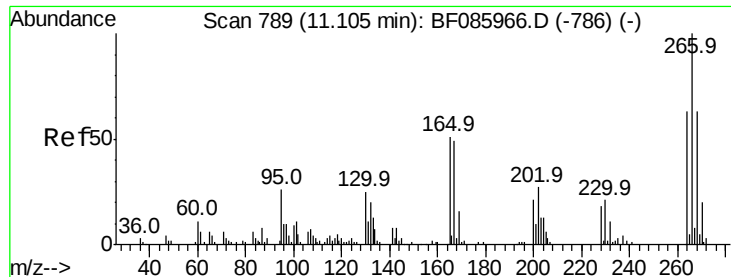
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#68
Atrazine
Concen: 31.45 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.1	7.7	47.7	
215	43.7	25.4	65.4	





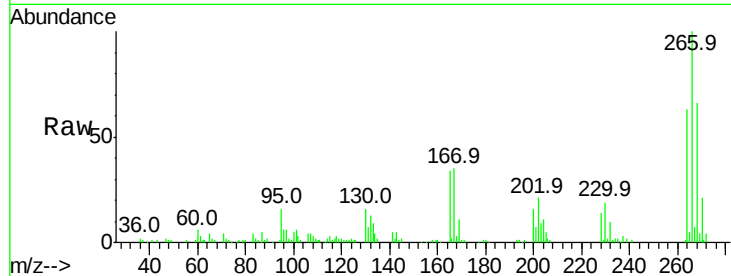
#69
 Pentachlorophenol
 Concen: 85.82 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

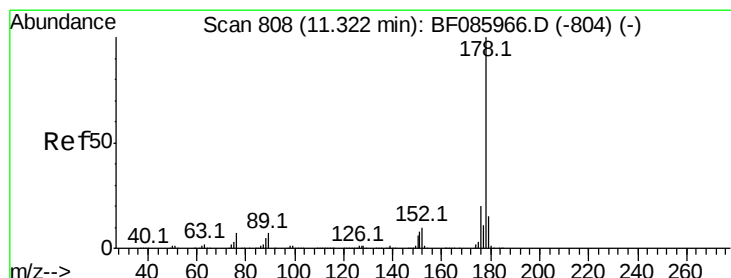
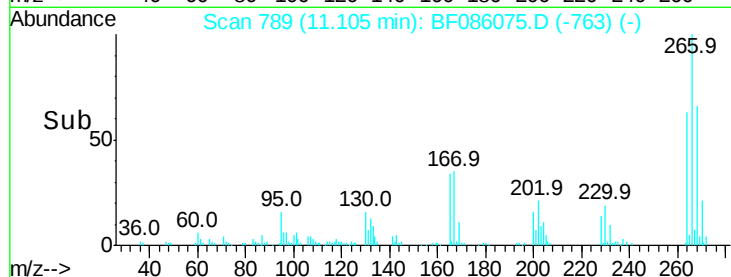
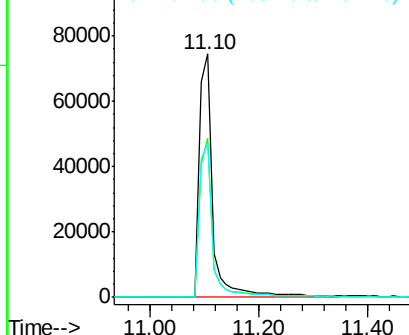
Tot Ion	Ratio	Resp	Lower	Upper
266	100	126524		
268	65.6	51.5	77.3	
264	63.5	50.6	76.0	

Manual Integrations
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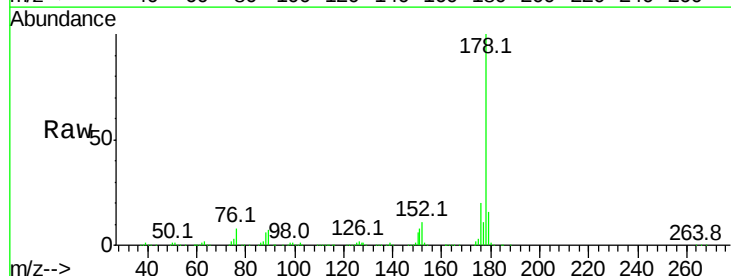


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

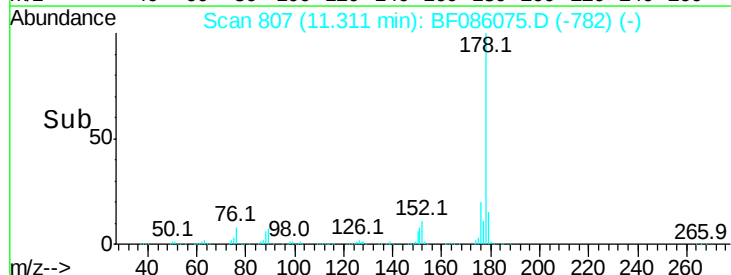
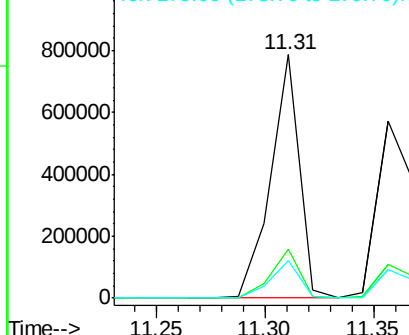


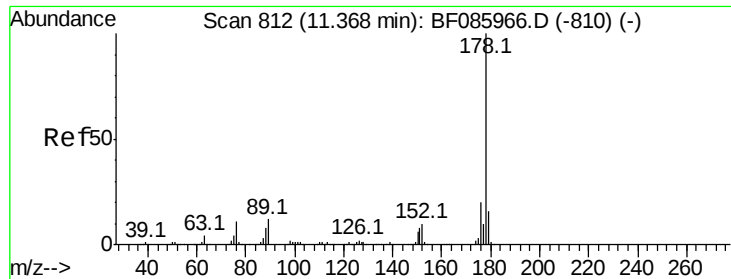
#70
 Phenanthrene
 Concen: 44.78 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	727784		
176	20.4	16.3	24.5	
179	15.5	12.6	18.8	



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





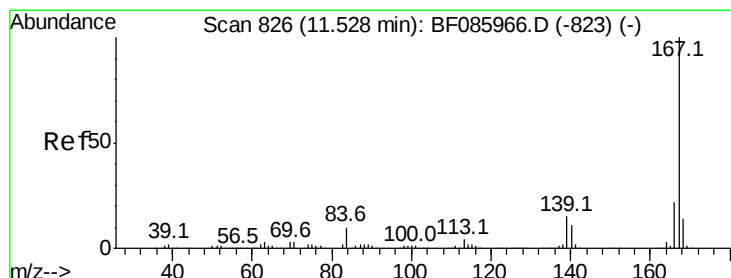
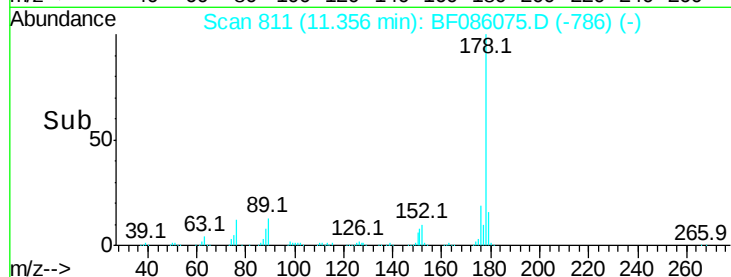
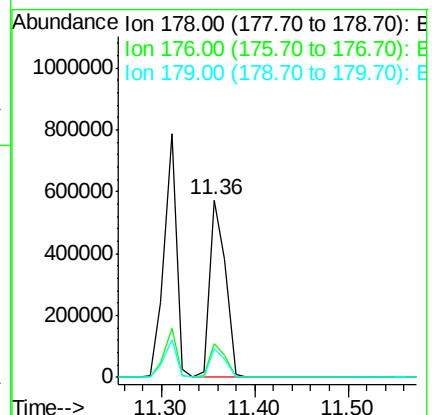
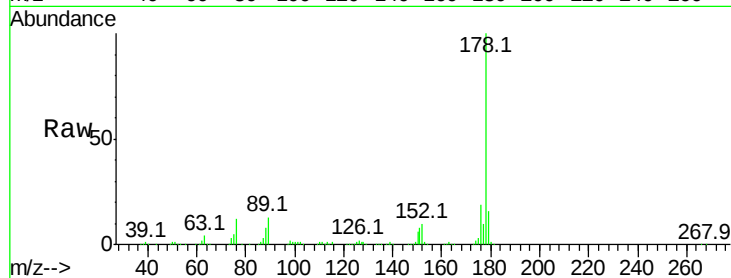
#71
 Anthracene
 Concen: 39.90 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.9	13.0	19.4

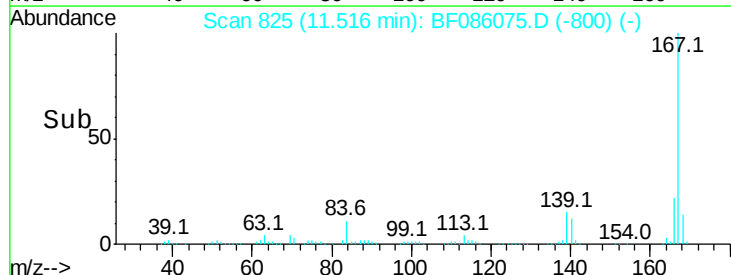
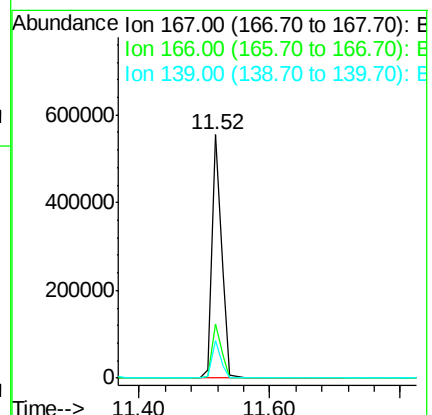
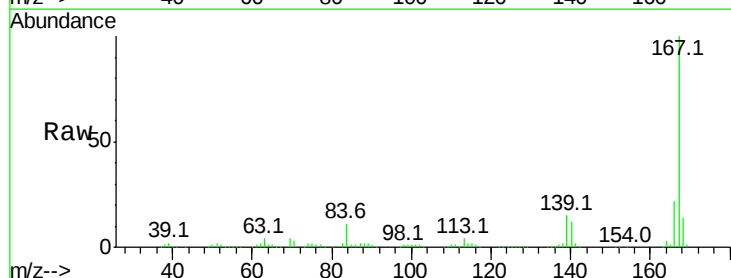
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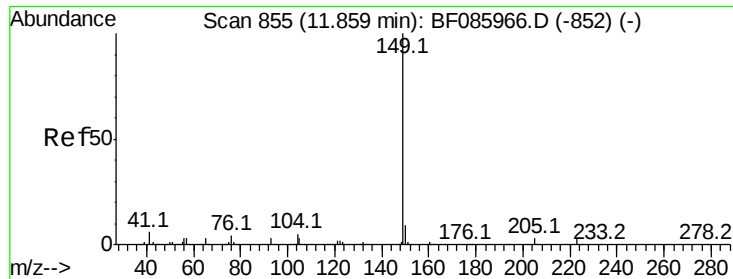
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#72
 Carbazole
 Concen: 38.78 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	15.3	11.6	17.4





#73

Di-n-butylphthalate

Concen: 47.75 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

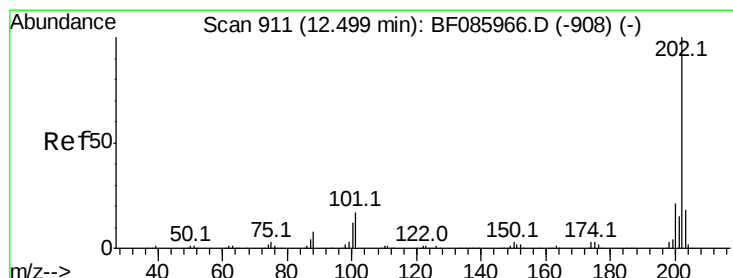
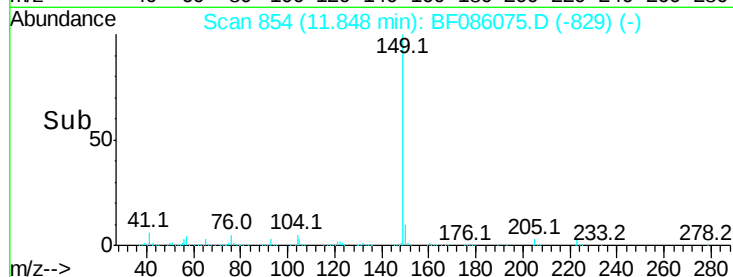
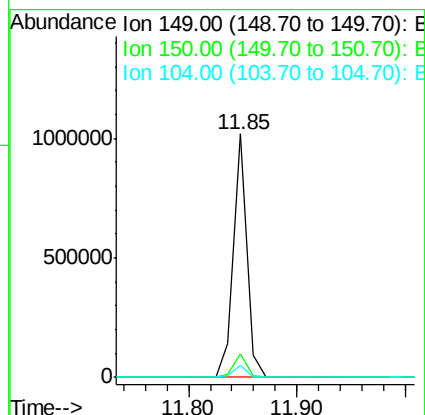
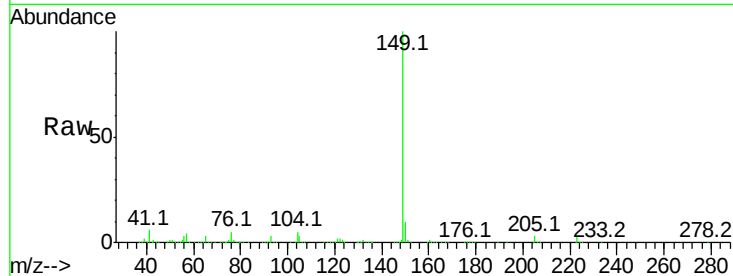
ClientSampleId :

WC-1MSD

Tot Ion:	149	Resp:	865963
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.6	11.4
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 37.98 ng

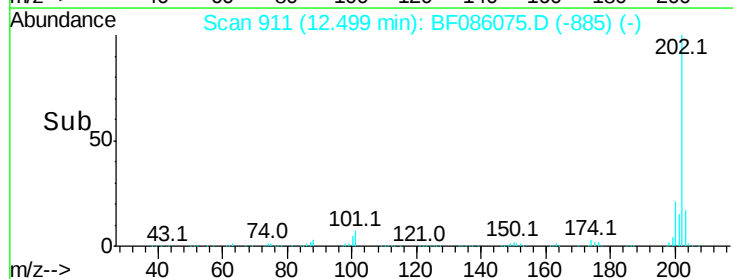
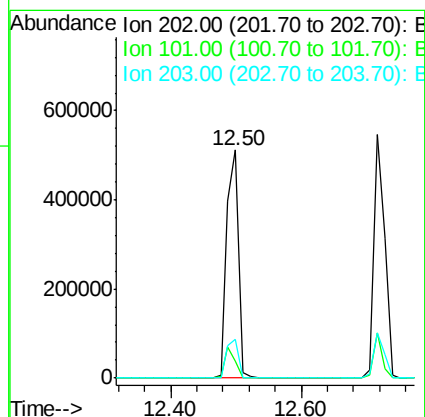
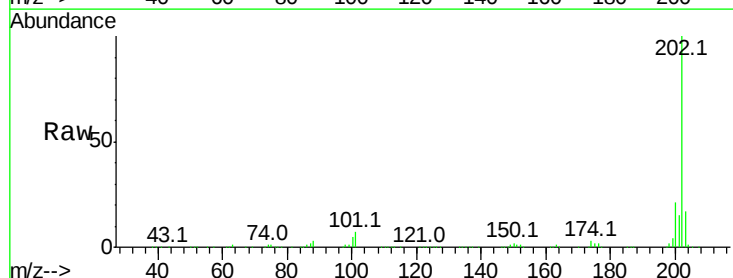
RT: 12.50 min Scan# 911

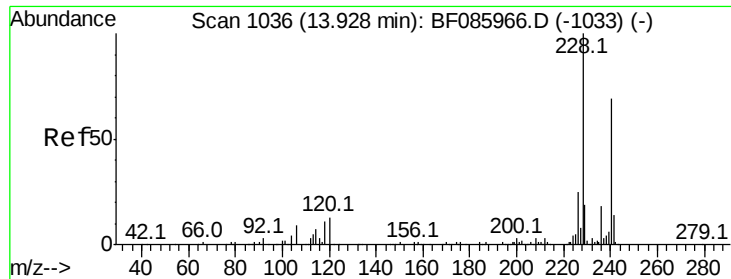
Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	202	Resp:	642134
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	36.6
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

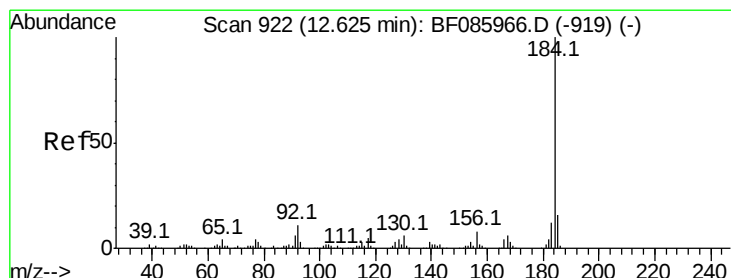
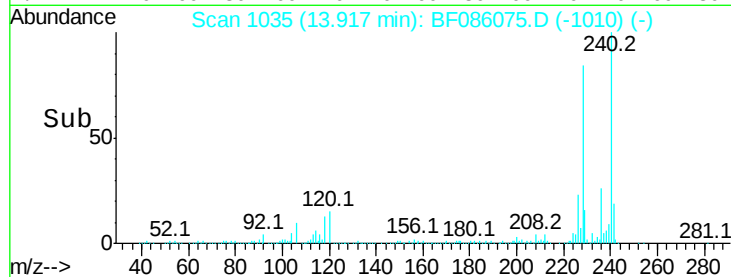
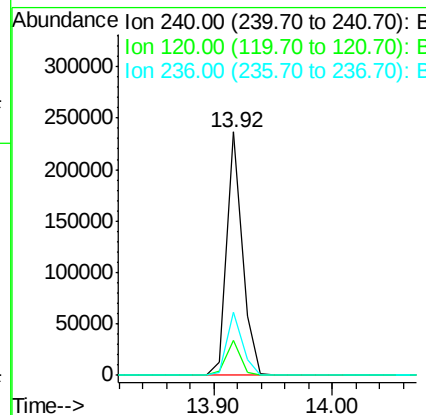
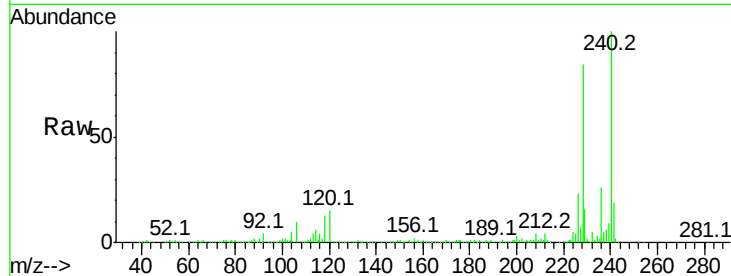
ClientSampleId :

WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	213431		
120	14.6	13.8	20.8	
236	26.1	20.6	30.8	

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#76

Benzidine

Concen: 13.19 ng

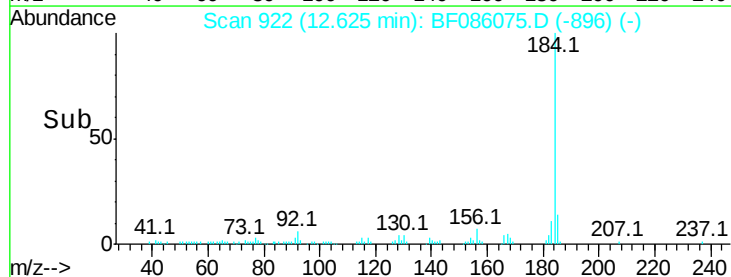
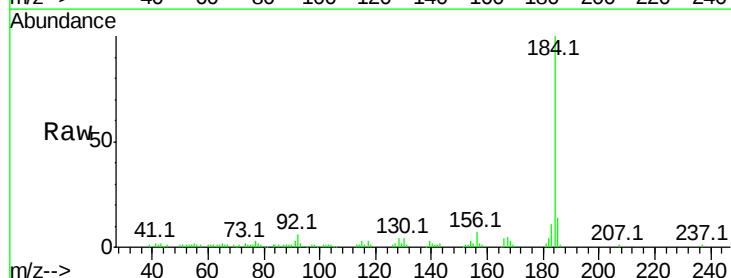
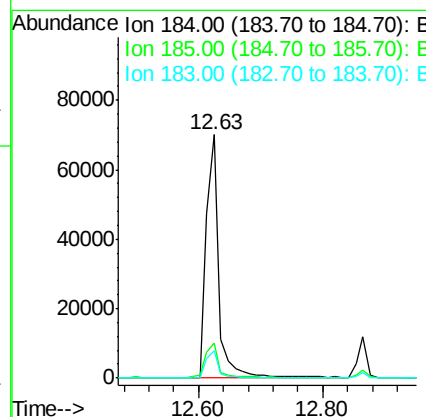
RT: 12.63 min Scan# 922

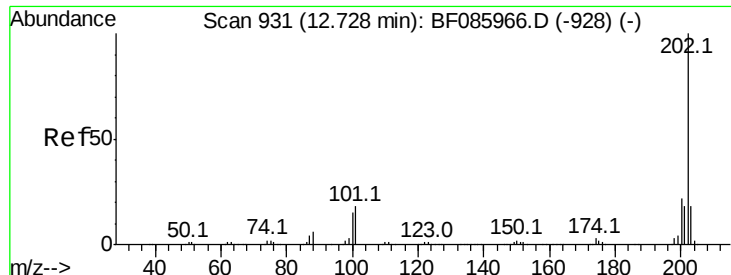
Delta R.T. 0.00 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	99311		
185	14.2	12.4	18.6	
183	11.1	9.4	14.2	





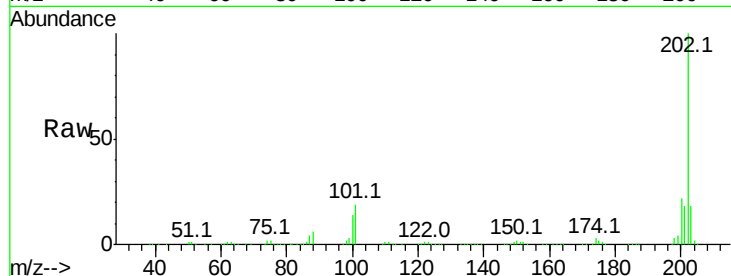
#77
Pvrene
Concen: 40.73 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

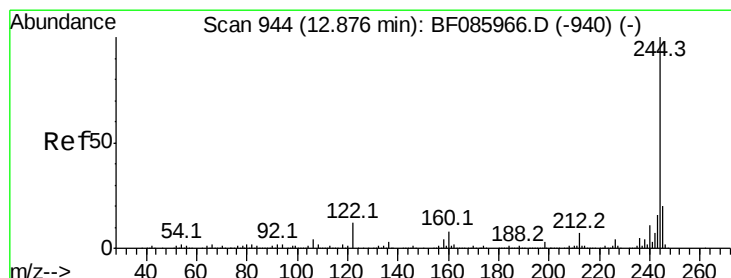
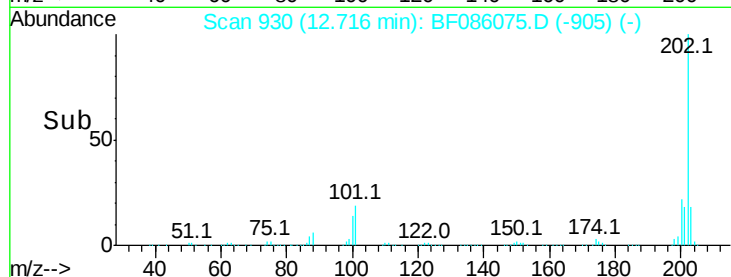
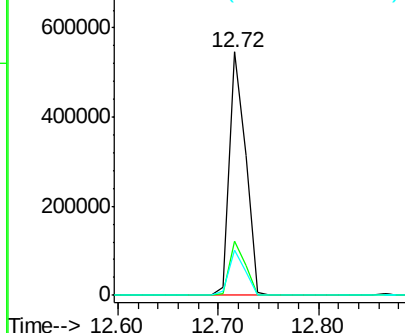
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.3	14.0	21.0

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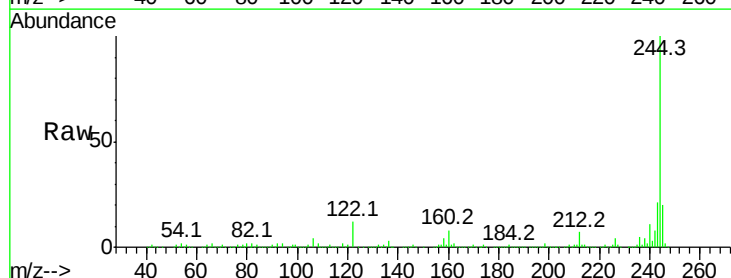


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

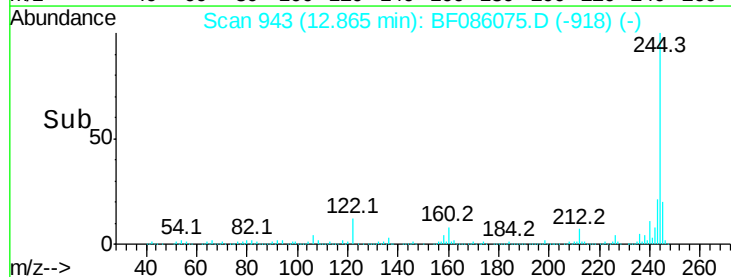
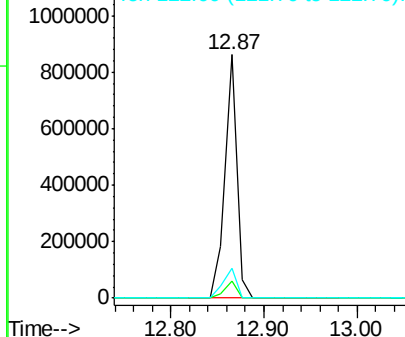


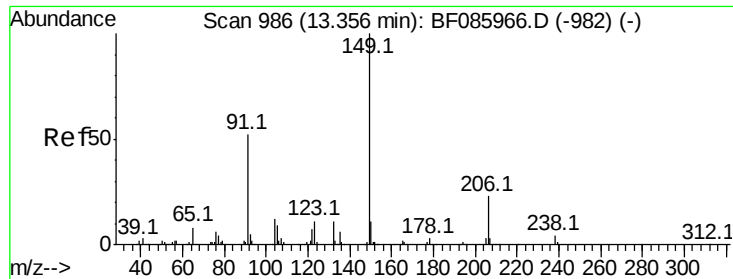
#78
Terphenyl-d14
Concen: 84.26 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.2	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





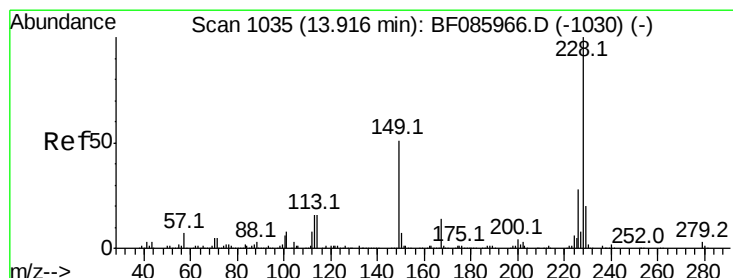
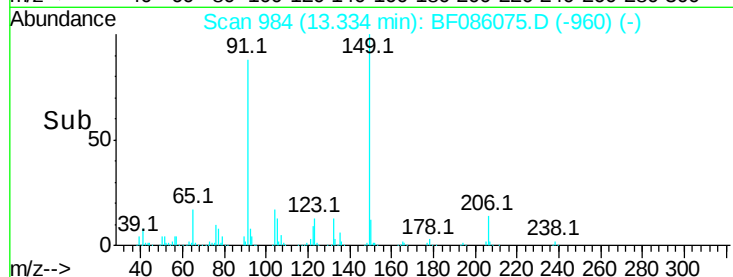
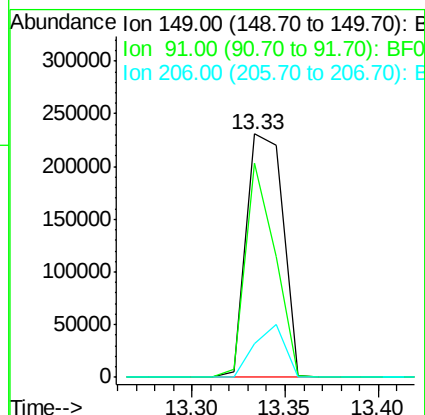
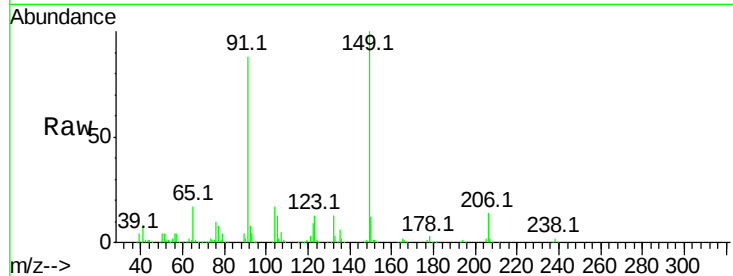
#79
Butylbenzylphthalate
Concen: 46.44 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	314497		
91	87.9	45.8	68.8#	
206	13.9	17.8	26.8#	

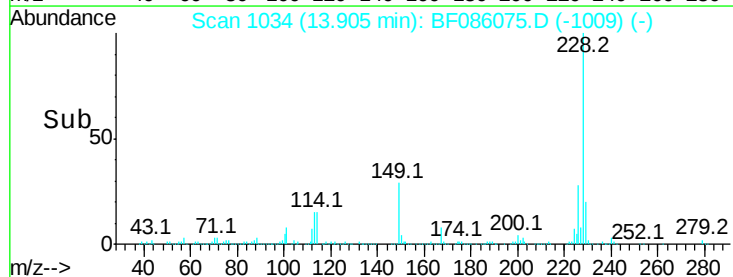
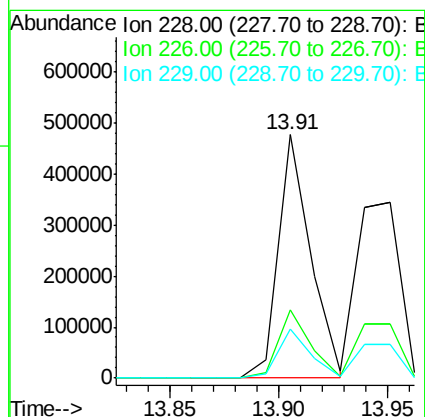
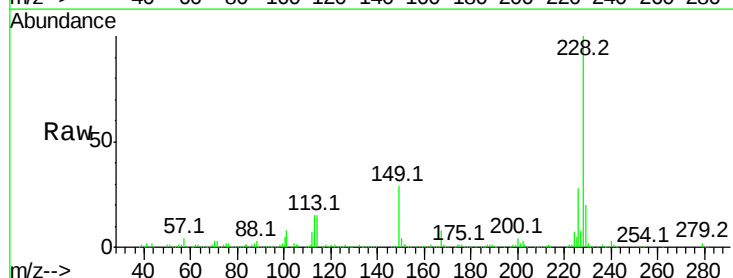
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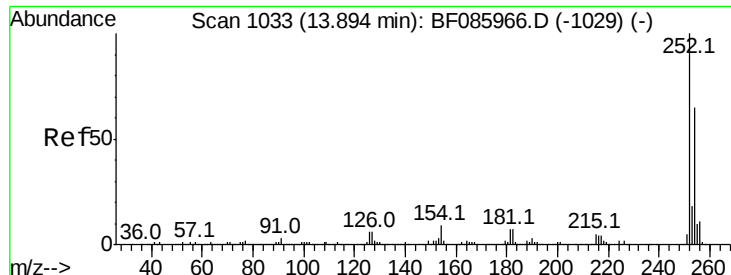
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#80
Benzo(a)anthracene
Concen: 39.57 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	497844		
226	27.9	22.1	33.1	
229	19.9	16.2	24.4	





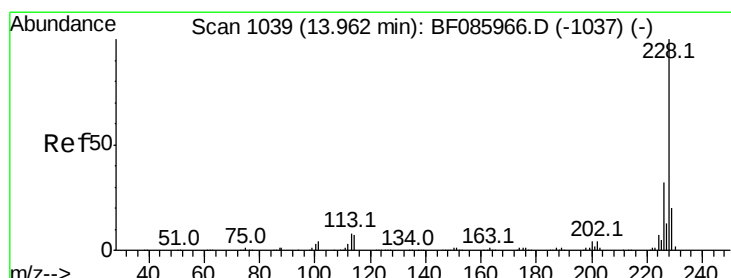
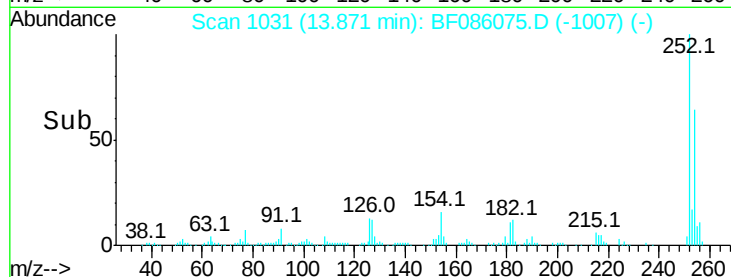
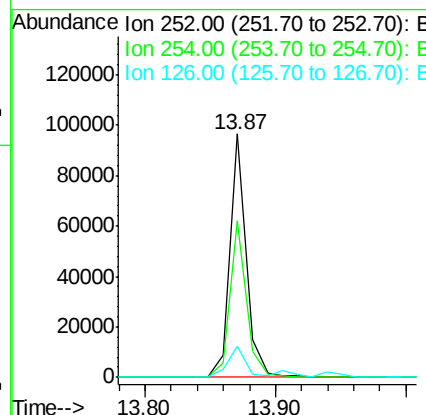
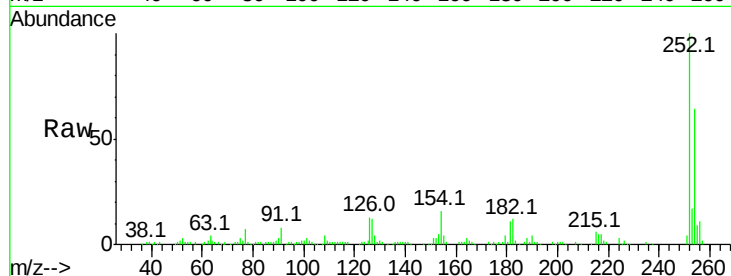
#81
 3,3'-Dichlorobenzidine
 Concen: 9.26 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.7	76.1
126	12.6	11.8	17.6

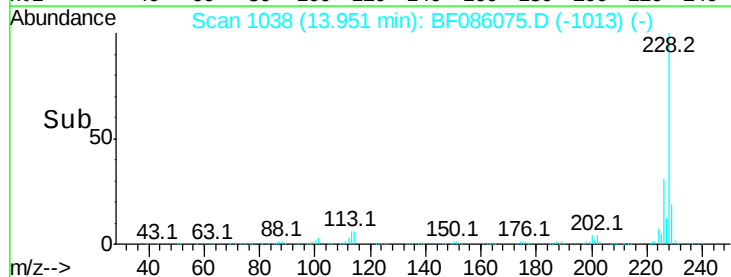
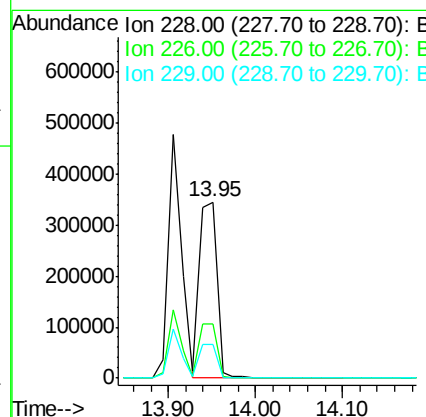
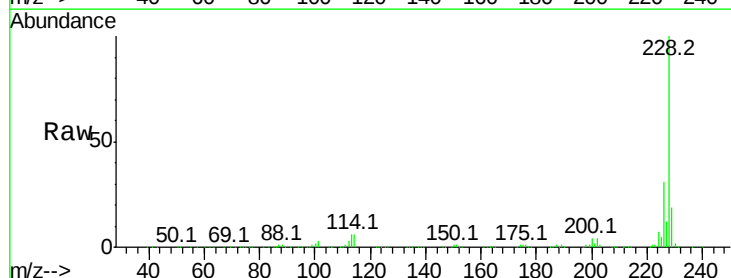
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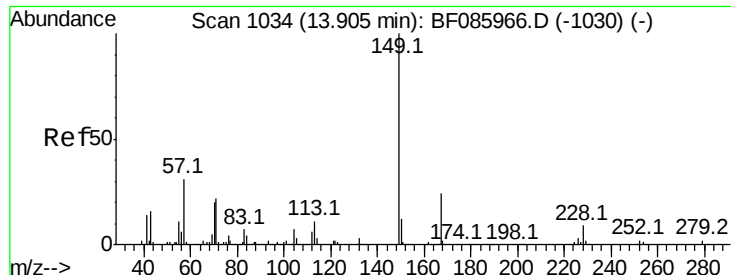
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#82
 Chrysene
 Concen: 39.65 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.0	15.7	23.5





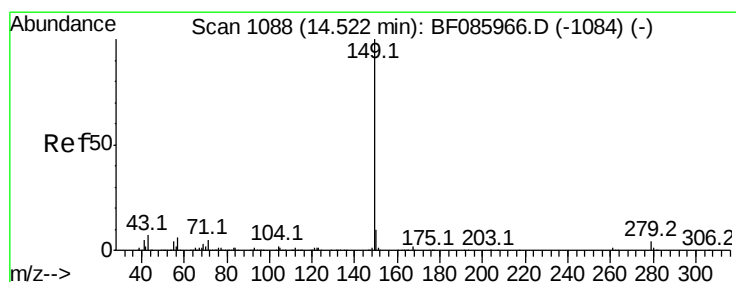
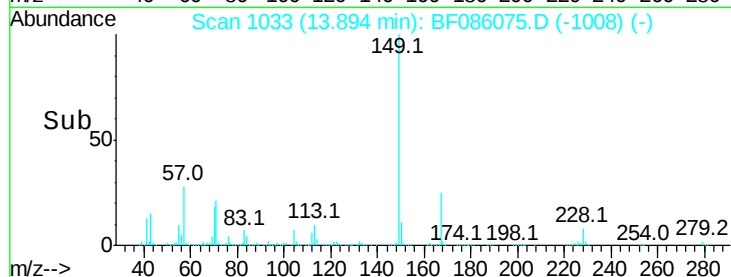
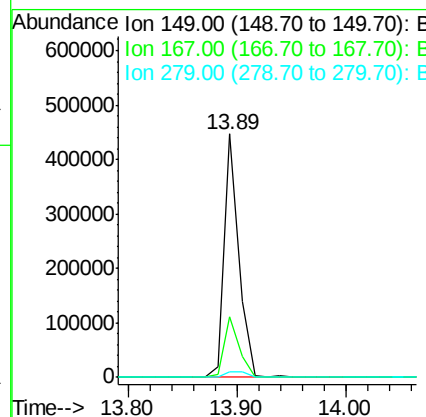
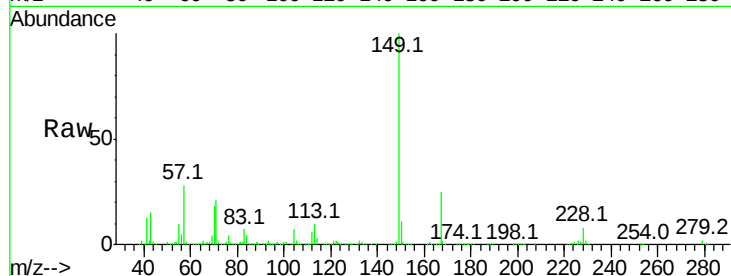
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.89 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	421452		
167	24.8	19.4	29.2	
279	2.1	1.5	2.3	

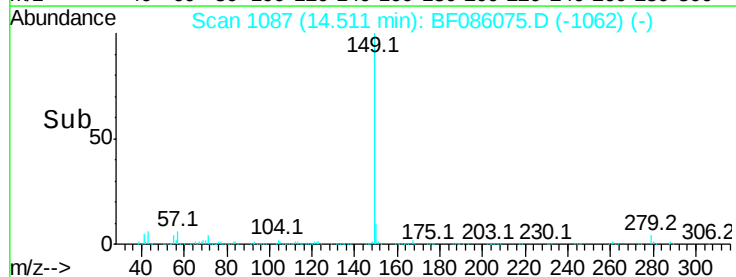
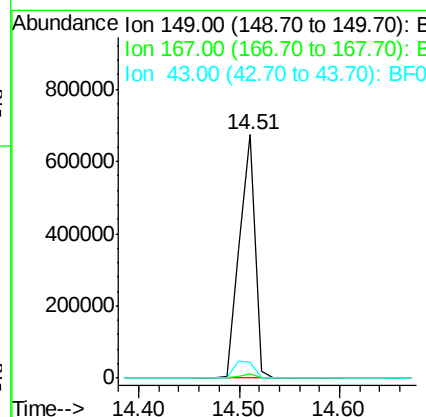
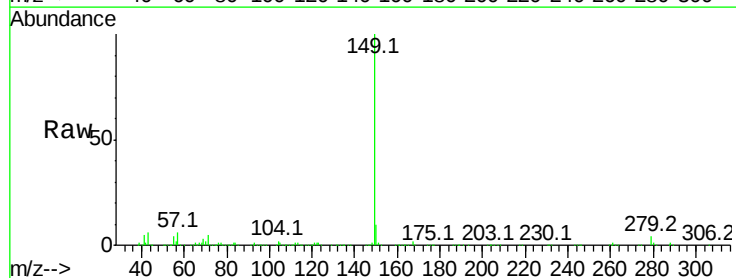
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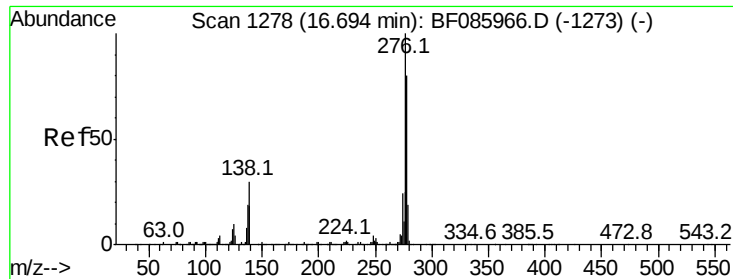
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#84
 Di-n-octyl phthalate
 Concen: 50.74 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	728268		
167	1.5	1.2	1.8	
43	8.8	7.1	10.7	





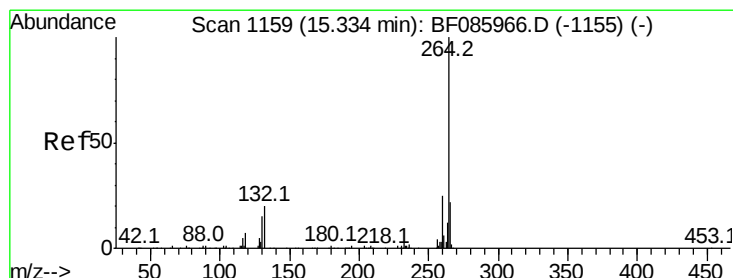
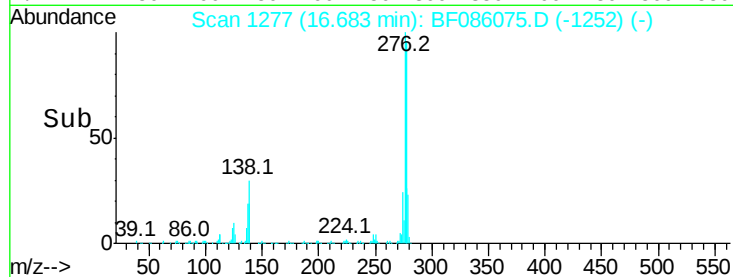
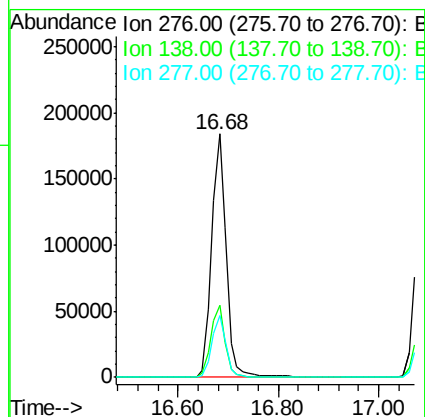
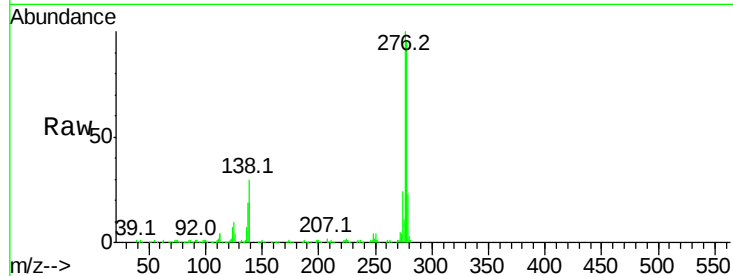
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.87 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	372318		
138	29.3		24.2	36.4
277	25.1		20.0	30.0

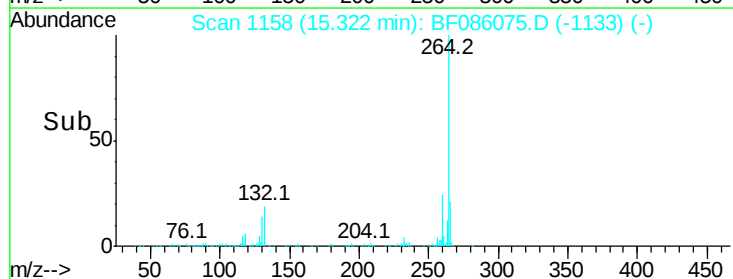
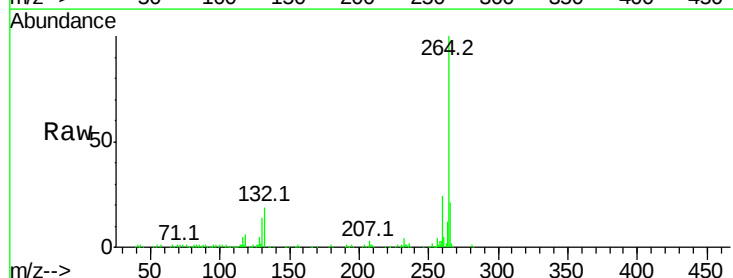
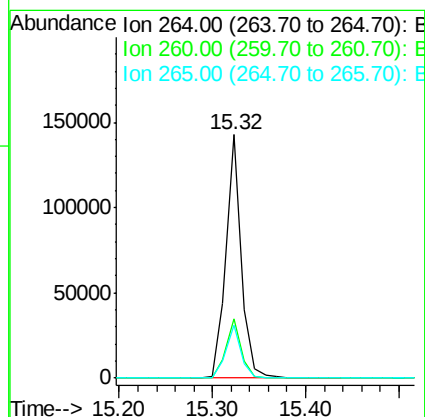
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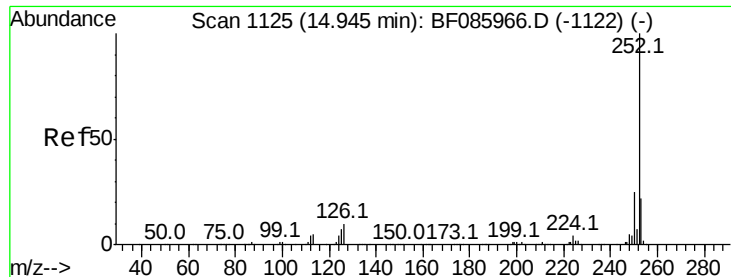
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	162627		
260	24.4		19.4	29.2
265	21.5		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 54.17 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Instrument :

BNA_F

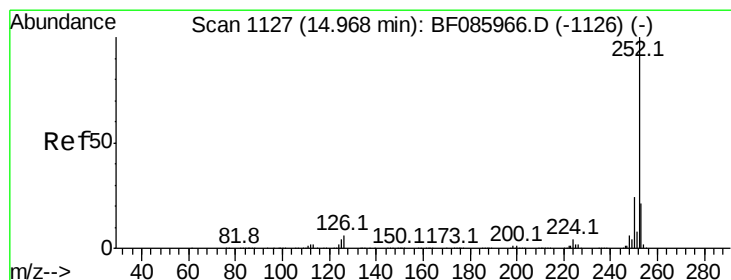
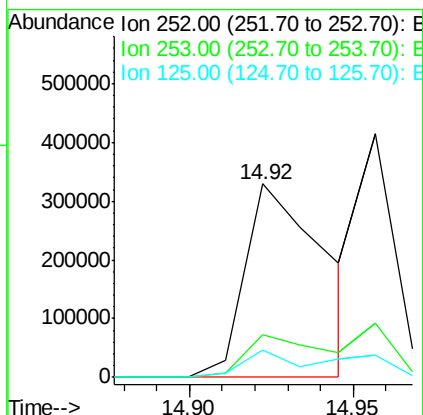
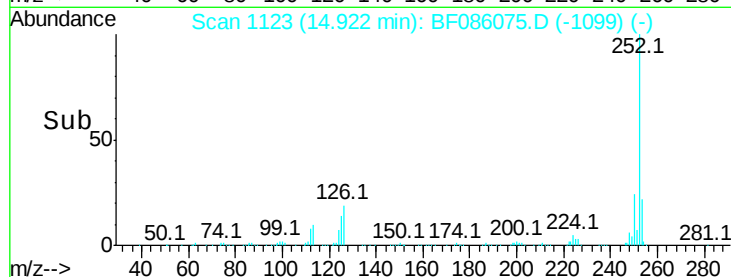
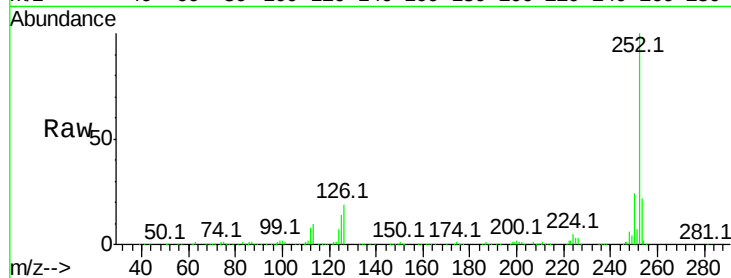
ClientSampleId :

WC-1MSD

Tot Ion:	252	Resp:	554185
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	14.3	10.3	15.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.26 ng m

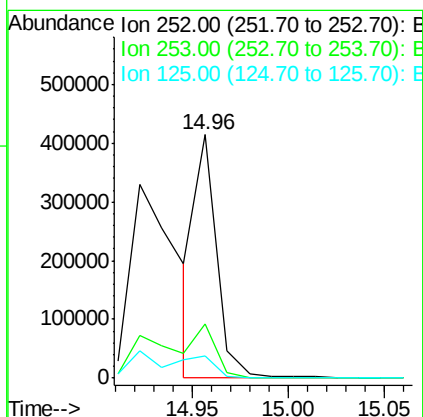
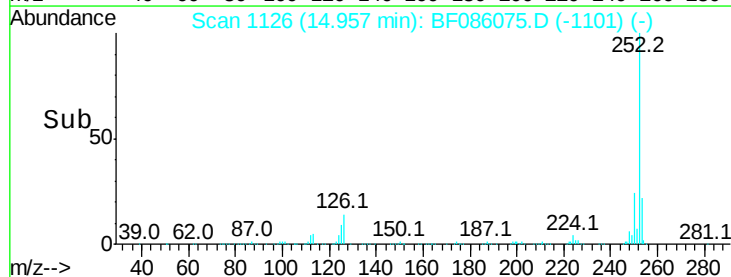
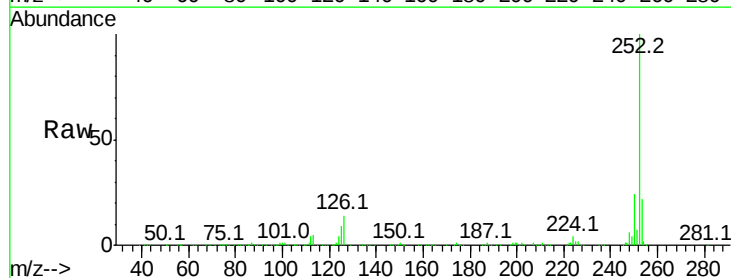
RT: 14.96 min Scan# 1126

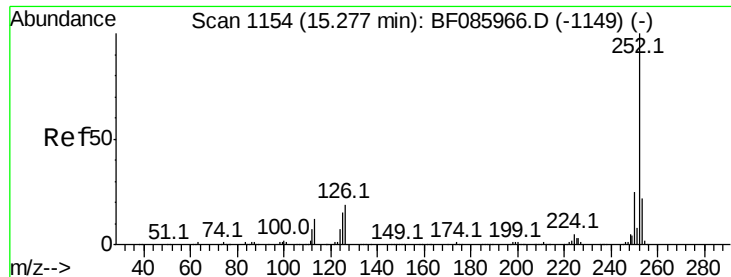
Delta R.T. -0.01 min

Lab File: BF086075.D

Acq: 5 Apr 2016 10:11

Tgt Ion:	252	Resp:	328508
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.0	7.7	11.5





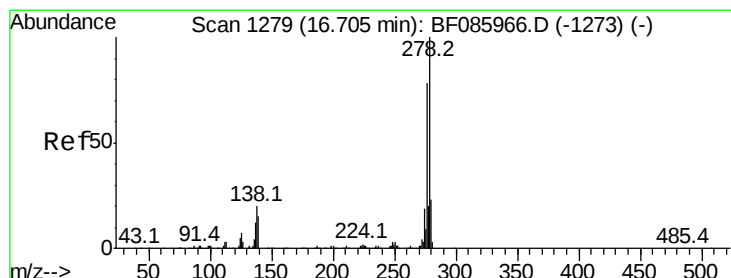
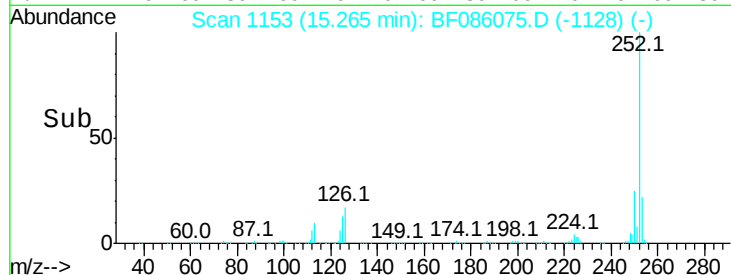
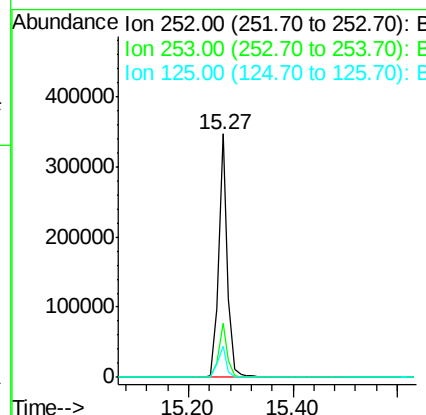
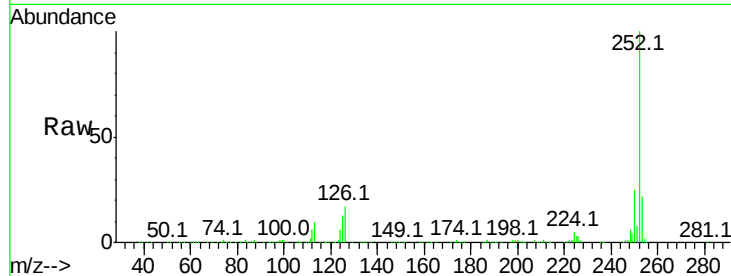
#89
Benzo(a)pyrene
Concen: 44.41 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.7	10.3	15.5

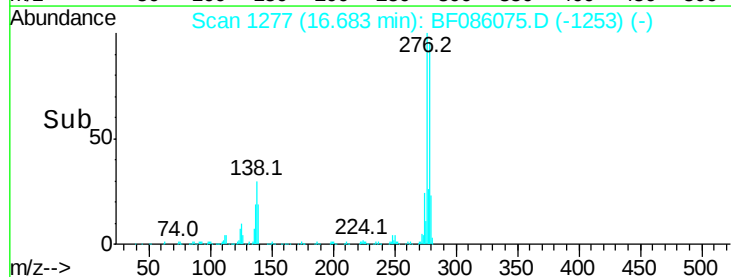
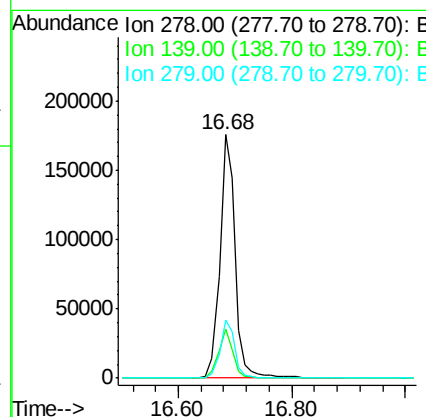
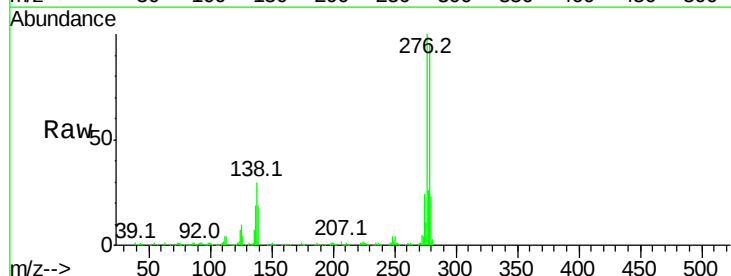
Manual Integrations
APPROVED

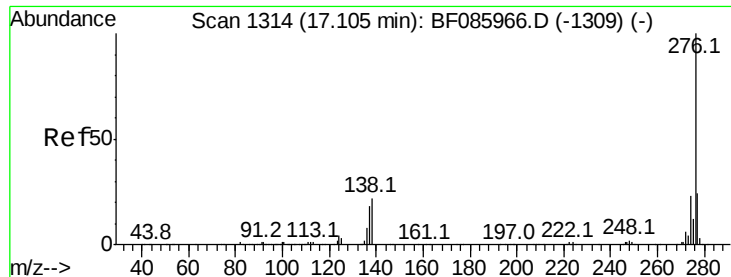
Sohil
4/5/2016 6:39:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.37 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086075.D
Acq: 5 Apr 2016 10:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.4	21.6
279	23.6	19.1	28.7





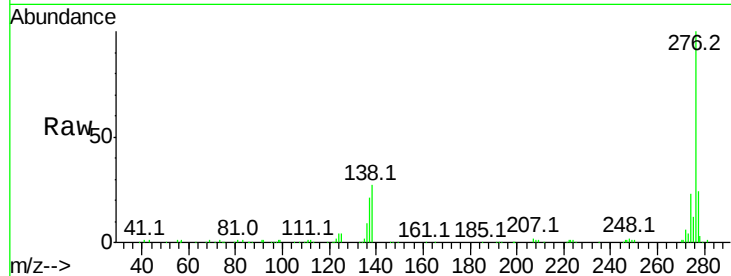
#91
 Benzo(a,h,i)perylene
 Concen: 42.33 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF086075.D
 Acq: 5 Apr 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:	276	Resp:	298734
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	26.9	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:21 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

