

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085740.D
 Acq On : 25 Mar 2016 4:13
 Operator : UM/SJ
 Sample : H1884-18MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

Manual Integrations
 APPROVED

Sohil
 3/25/2016 3:04:39 PM

Quant Time: Mar 25 07:21:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	110314	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	450063	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	211372	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	413044	20.00	ng	0.00
75) Chrysene-d12	13.98	240	258975	20.00	ng	0.00
86) Perylene-d12	15.40	264	196121	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	897945	135.56	ng	0.02
7) Phenol-d6	6.47	99	1191753	141.51	ng	0.01
23) Nitrobenzene-d5	7.40	82	735435	92.02	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	363383	180.94	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1163205	91.94	ng	0.00
78) Terphenyl-d14	12.93	244	1090813	86.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	136061	43.02	ng	99
3) Pyridine	3.17	79	384621	50.72	ng	99
4) n-Nitrosodimethylamine	3.12	42	165251	54.44	ng	99
6) Aniline	6.49	93	340810	30.06	ng	97
8) 2-Chlorophenol	6.61	128	382839	49.74	ng	87
9) Benzaldehyde	6.37	77	54457	10.73	ng	93
10) Phenol	6.48	94	460254	48.24	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	359009	48.90	ng	93
12) 1,3-Dichlorobenzene	6.77	146	419005m	50.56	ng	
13) 1,4-Dichlorobenzene	6.85	146	415854m	49.48	ng	
14) 1,2-Dichlorobenzene	7.00	146	390117	49.81	ng	98
15) Benzyl Alcohol	6.97	79	288824	51.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	472787	48.53	ng	96
17) 2-Methylphenol	7.09	107	320339	51.99	ng	98
18) Hexachloroethane	7.34	117	157468	51.17	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	233037	46.21	ng	94
20) 3+4-Methylphenols	7.25	107	385496	52.04	ng	# 86
22) Acetophenone	7.24	105	510671	48.71	ng	97
24) Nitrobenzene	7.42	77	436846	53.02	ng	# 84
25) Isophorone	7.66	82	804442	52.25	ng	95
26) 2-Nitrophenol	7.73	139	203136	49.29	ng	# 86
27) 2,4-Dimethylphenol	7.77	122	375092	52.06	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	464936	53.00	ng	98
29) 2,4-Dichlorophenol	7.98	162	343515	56.72	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	347255	51.65	ng	95
31) Naphthalene	8.14	128	1148998	50.67	ng	99
32) Benzoic acid	7.86	122	38980	8.15	ng	95
33) 4-Chloroaniline	8.18	127	123495	13.34	ng	96
34) Hexachlorobutadiene	8.25	225	186757	51.11	ng	99
35) Caprolactam	8.57	113	117726m	54.88	ng	
36) 4-Chloro-3-methylphenol	8.69	107	391844	55.39	ng	88
37) 2-Methylnaphthalene	8.82	142	711080	57.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	326044	52.02	ng	99
40) Hexachlorocyclopentadiene	8.98	237	259435	97.09	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	235914	55.73	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	247201	55.68	ng #	92
45) 1,1'-Biphenyl	9.29	154	915265	51.32	ng	96
46) 2-Chloronaphthalene	9.32	162	684559	52.20	ng	95
47) 2-Nitroaniline	9.42	65	234492	58.47	ng #	79
48) Acenaphthylene	9.73	152	1026044	48.01	ng	100
49) Dimethylphthalate	9.60	163	1024725	63.90	ng	99
50) 2,6-Dinitrotoluene	9.66	165	186112	53.92	ng	88
51) Acenaphthene	9.90	154	639048	48.96	ng	99
52) 3-Nitroaniline	9.83	138	124381	31.48	ng #	75
53) 2,4-Dinitrophenol	9.93	184	70884	43.62	ng	96
54) Dibenzofuran	10.07	168	857586	50.76	ng	96
55) 4-Nitrophenol	10.00	139	295230	114.70	ng	97
56) 2,4-Dinitrotoluene	10.06	165	230351	52.50	ng #	46
57) Fluorene	10.41	166	666442	47.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	191777	62.15	ng	96
59) Diethylphthalate	10.30	149	872602	55.08	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	320328	46.65	ng	92
61) 4-Nitroaniline	10.45	138	212825	56.32	ng	96
62) Azobenzene	10.56	77	819407	53.82	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	106675	44.10	ng	90
65) n-Nitrosodiphenylamine	10.53	169	625490	47.81	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	202851	48.00	ng	92
67) Hexachlorobenzene	10.96	284	224142	50.72	ng #	88
68) Atrazine	11.05	200	220718	49.97	ng	97
69) Pentachlorophenol	11.16	266	219291	101.08	ng	98
70) Phenanthrene	11.37	178	1036910	48.89	ng	100
71) Anthracene	11.43	178	1185038	53.22	ng	99
72) Carbazole	11.58	167	896172	47.94	ng	99
73) Di-n-butylphthalate	11.91	149	1191770	46.46	ng	99
74) Fluoranthene	12.56	202	1159140	51.42	ng	92
76) Benzidine	12.68	184	409268	44.87	ng	99
77) Pyrene	12.79	202	1161155	54.55	ng	99
79) Butylbenzylphthalate	13.41	149	507556	56.93	ng	98
80) Benzo(a)anthracene	13.97	228	740753	50.16	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	143202	13.97	ng	98
82) Chrysene	14.01	228	752392	50.58	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	573739	53.75	ng	99
84) Di-n-octyl phthalate	14.57	149	925765	58.33	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	667562	58.12	ng	99
87) Benzo(b)fluoranthene	15.00	252	646435m	52.32	ng	
88) Benzo(k)fluoranthene	15.02	252	553551m	49.70	ng	
89) Benzo(a)pyrene	15.34	252	577486	52.64	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	557696	54.72	ng	97
91) Benzo(g,h,i)perylene	17.20	276	555924	53.86	ng	98

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

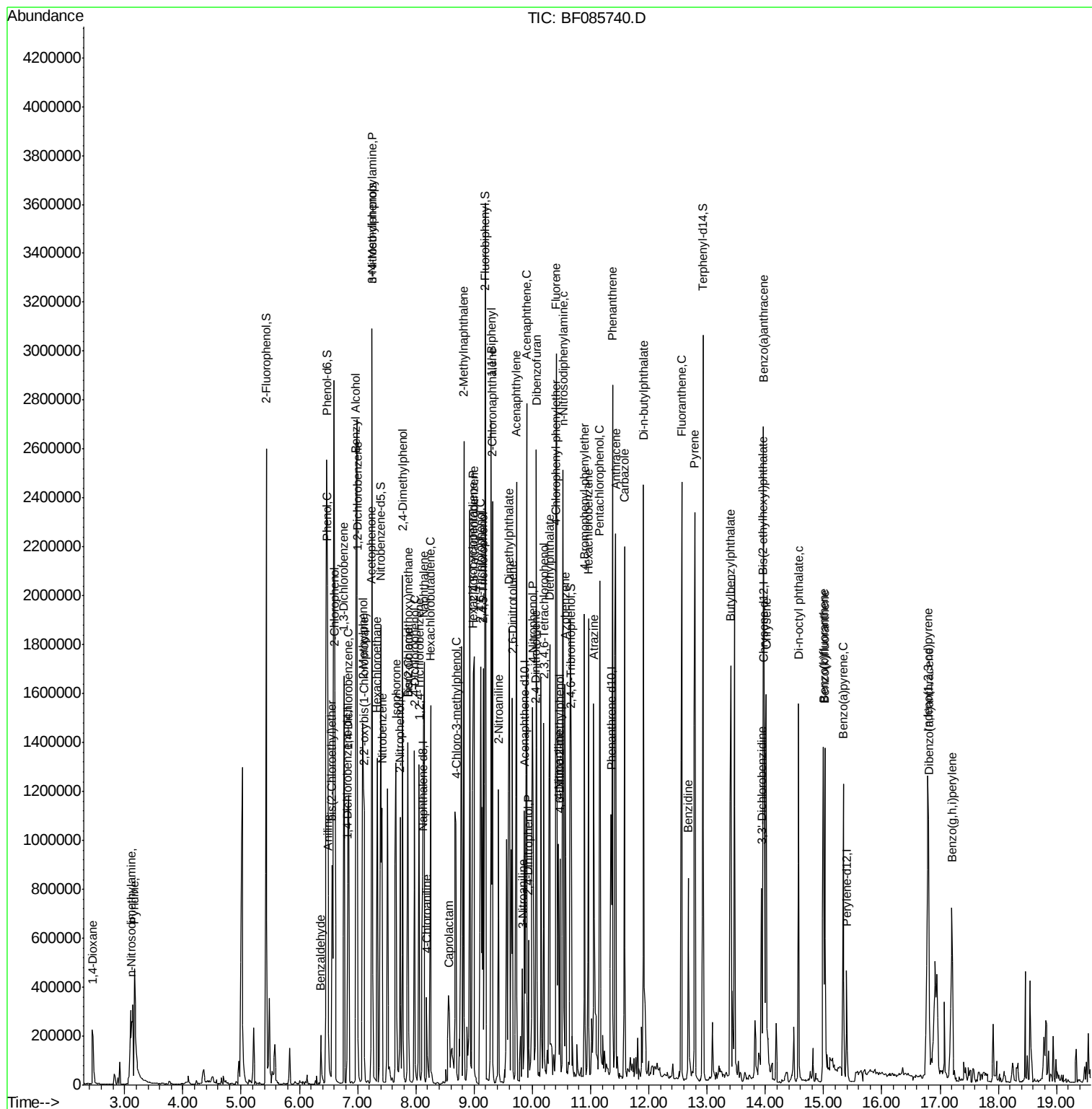
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Sample    : H1884-18MS
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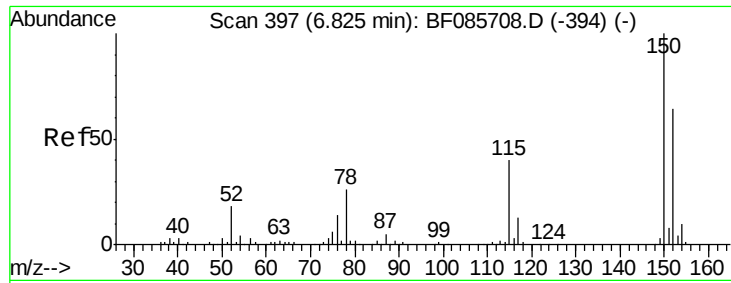
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

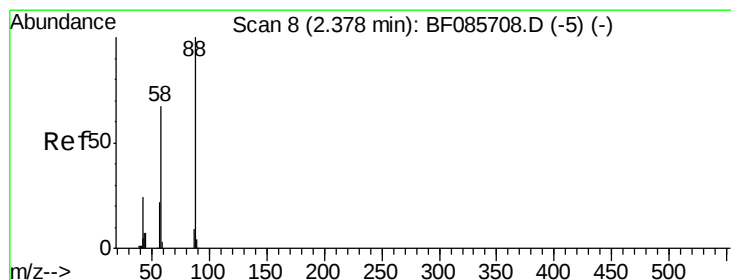
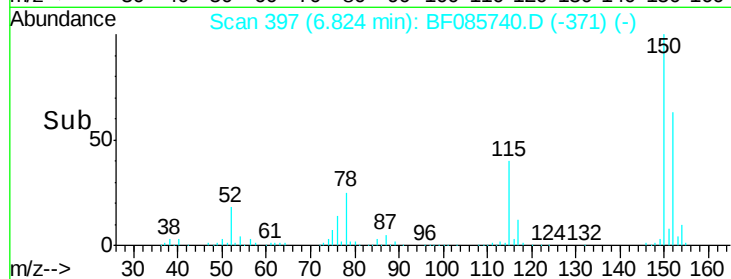
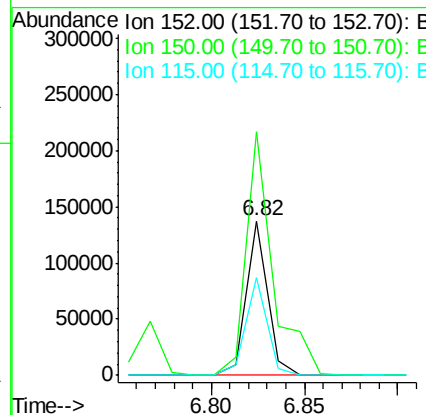
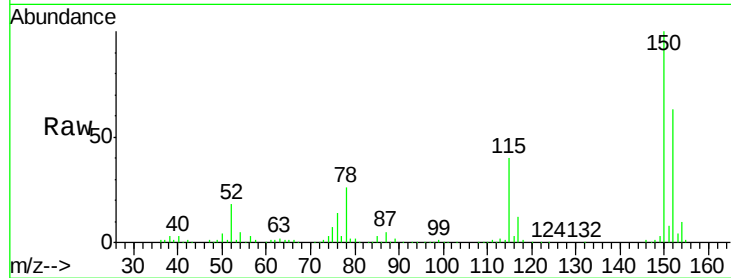
ClientSampleId :

GW-01(13-15)MS

Tgt Ion:	152	Resp:	110314
Ion Ratio	Lower	Upper	
152	100		
150	158.0	124.2	186.2
115	63.3	47.0	70.6

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#2

1,4-Dioxane

Concen: 43.02 ng

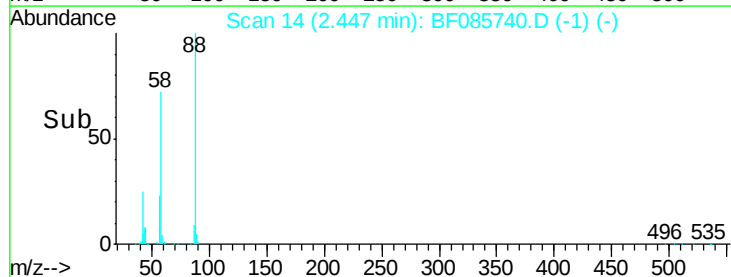
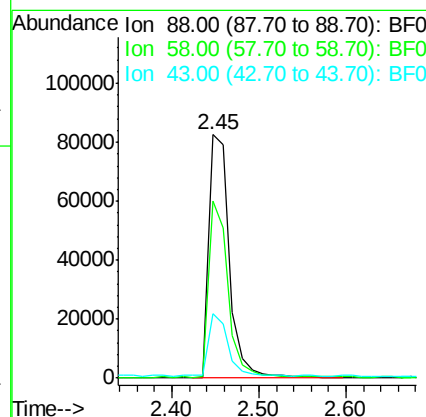
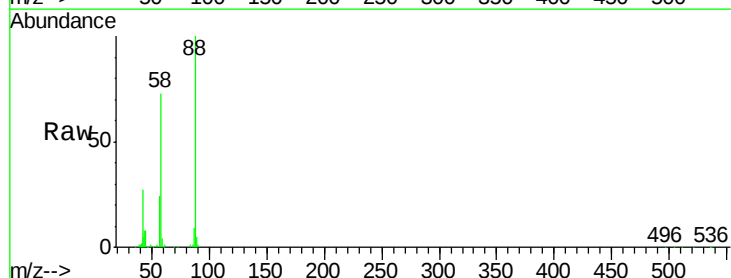
RT: 2.45 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion:	88	Resp:	136061
Ion Ratio	Lower	Upper	
88	100		
58	69.2	54.2	81.2
43	24.2	19.3	28.9





#3

Pyridine

Concen: 50.72 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.07 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

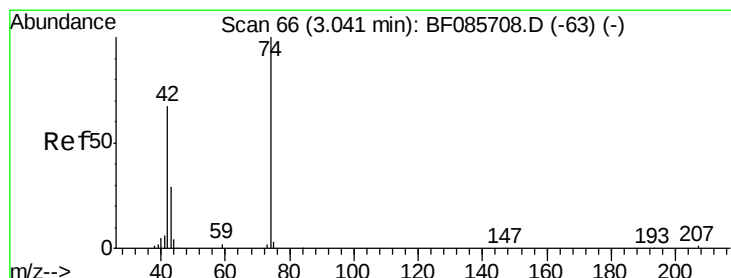
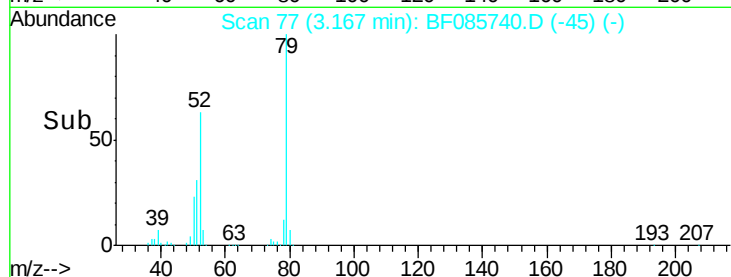
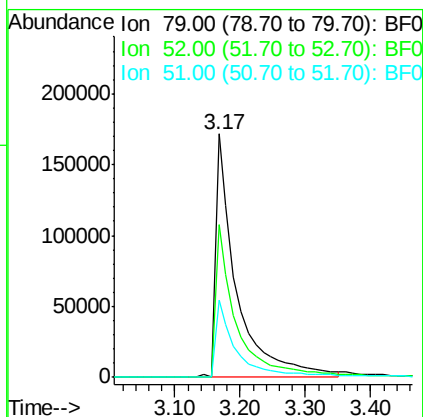
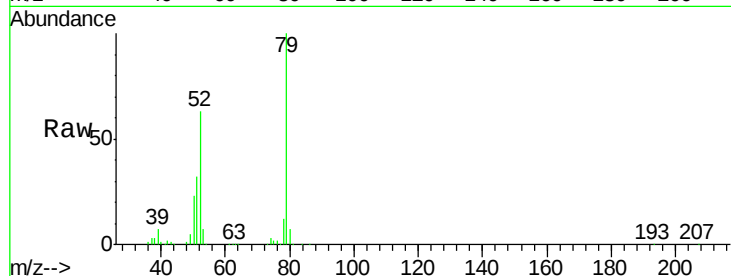
ClientSampleId :

GW-01(13-15)MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.6	49.8	74.6
51	31.5	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 54.44 ng

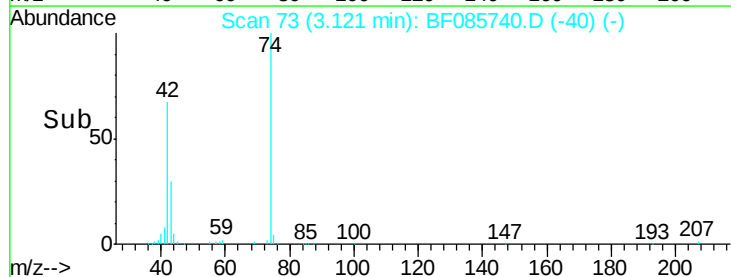
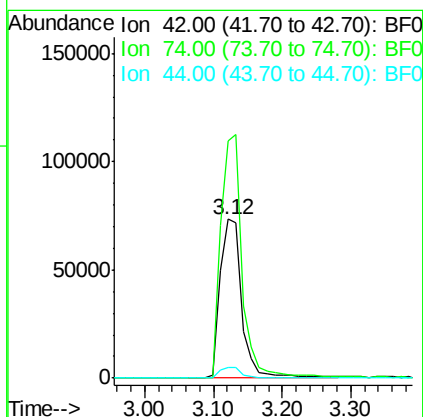
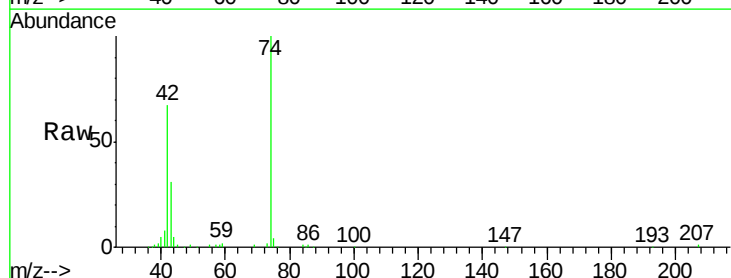
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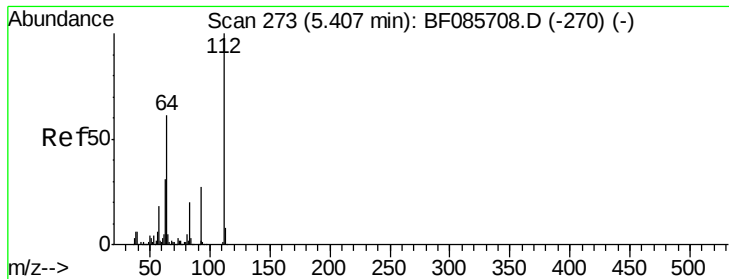
Delta R.T. 0.08 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.9	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 135.56 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

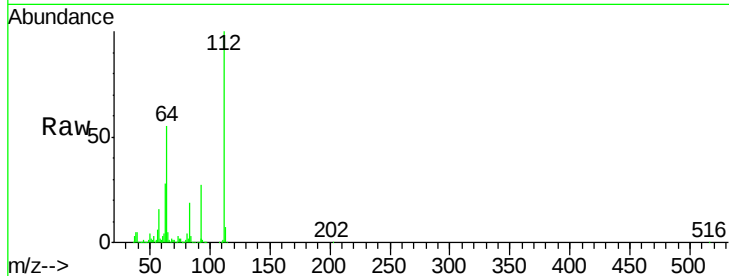
ClientSampleId :

GW-01(13-15)MS

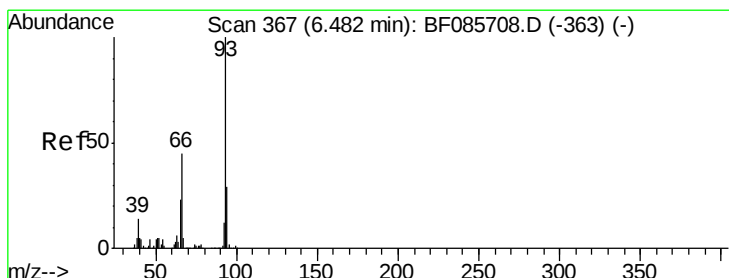
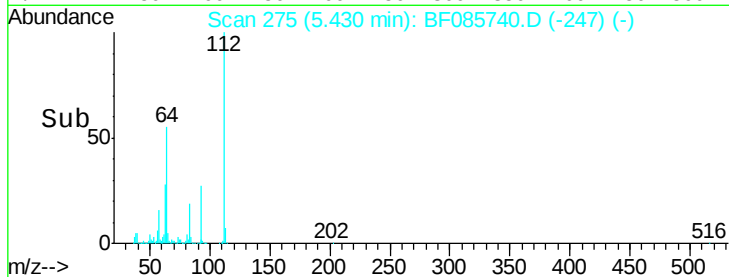
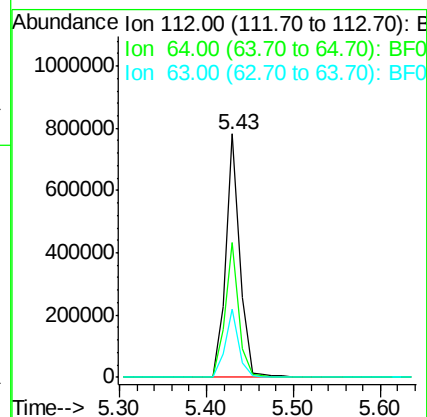
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	897945		
64	55.3	39.9	59.9	
63	28.1	20.2	30.2	



#6

Aniline

Concen: 30.06 ng

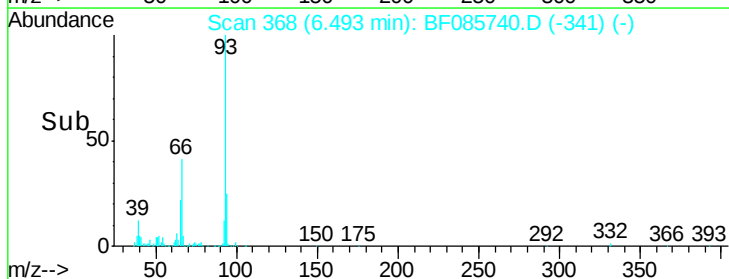
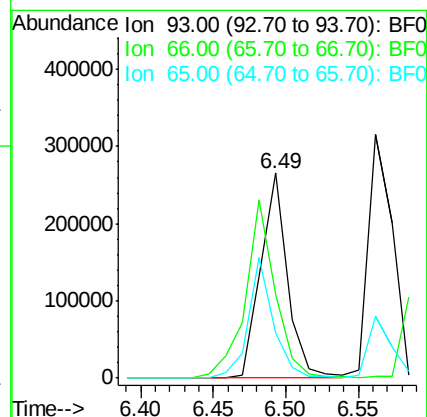
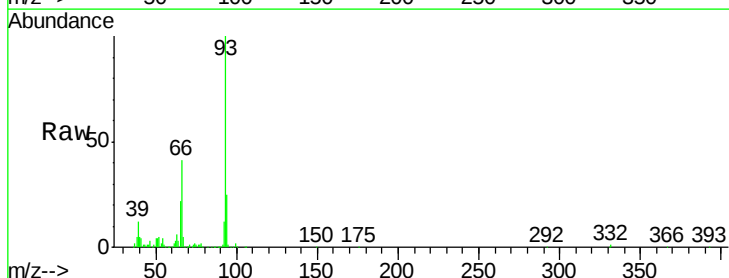
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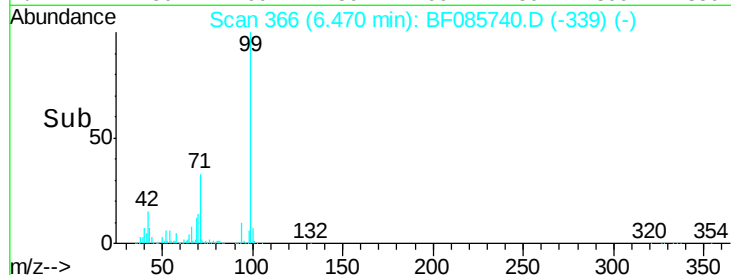
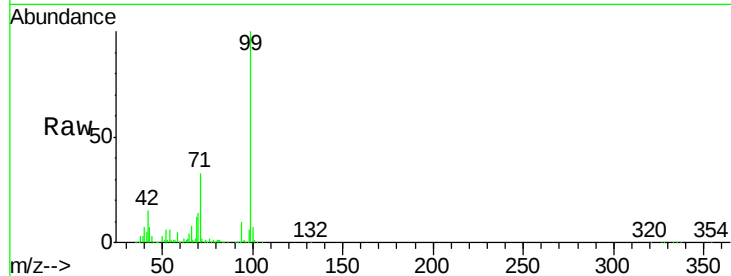
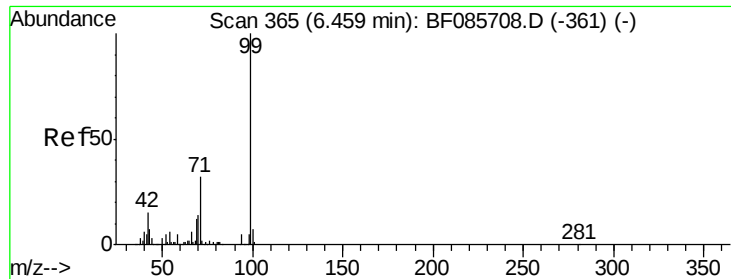
Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	340810		
66	40.9	31.4	47.2	
65	21.9	15.7	23.5	





#7

Phenol-d6

Concen: 141.51 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion: 99 Resp: 1191753

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

71 33.0 24.9 37.3

Instrument :

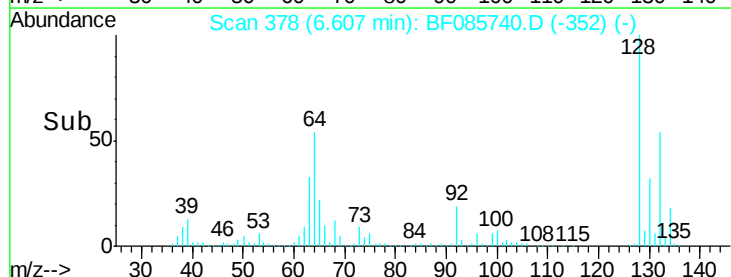
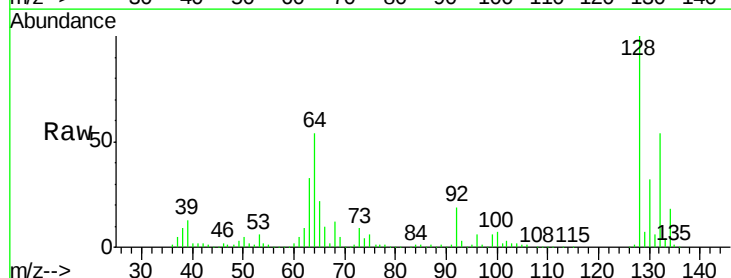
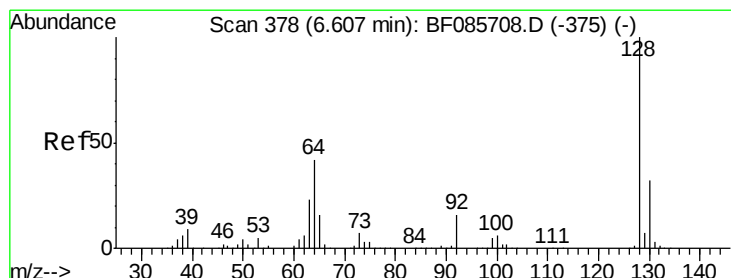
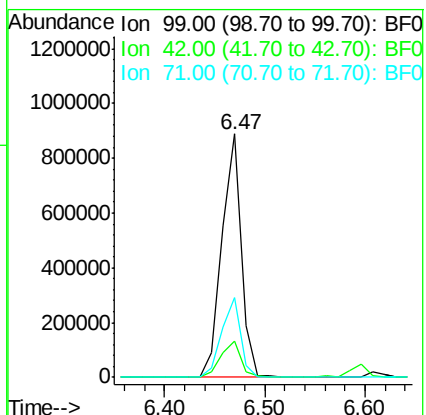
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#8

2-Chlorophenol

Concen: 49.74 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

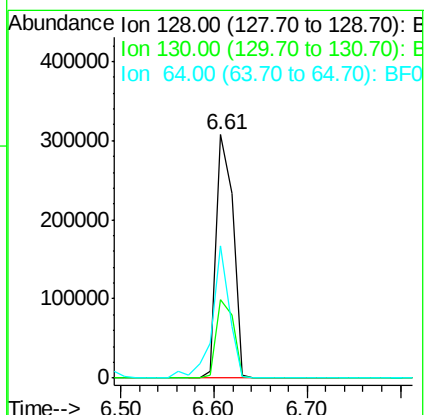
Tgt Ion: 128 Resp: 382839

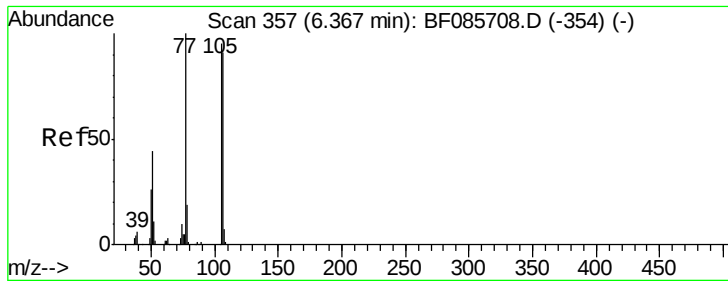
Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 54.5 20.2 60.2





#9

Benzaldehyde

Concen: 10.73 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085740.D

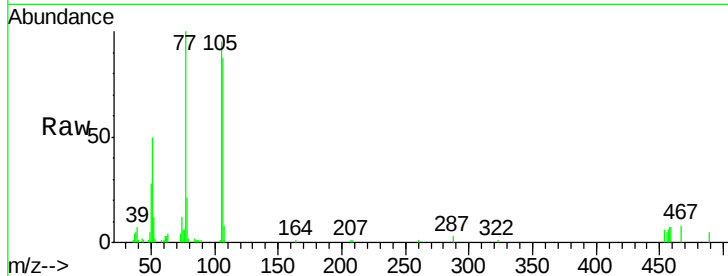
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

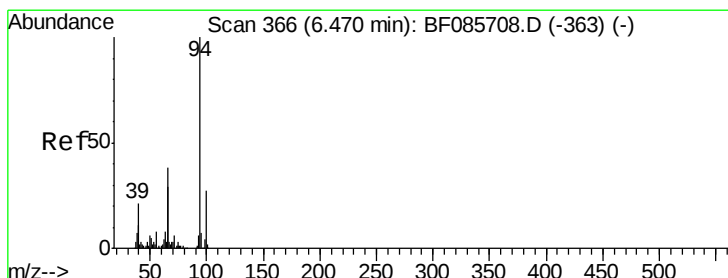
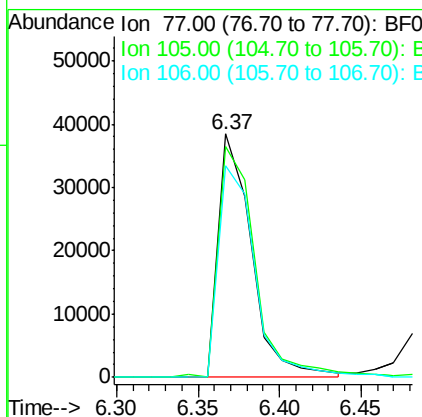
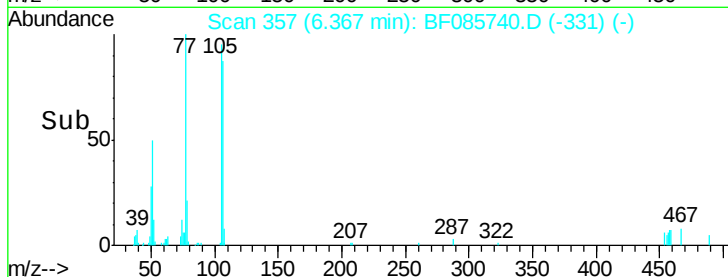
GW-01(13-15)MS



Tgt Ion:	77	Resp:	54457
Ion Ratio	Lower	Upper	
77	100		
105	94.9	80.1	120.1
106	86.8	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 48.24 ng

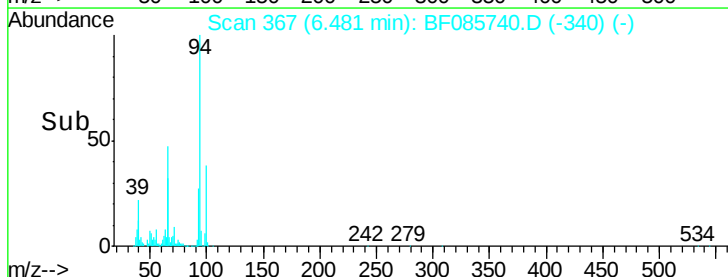
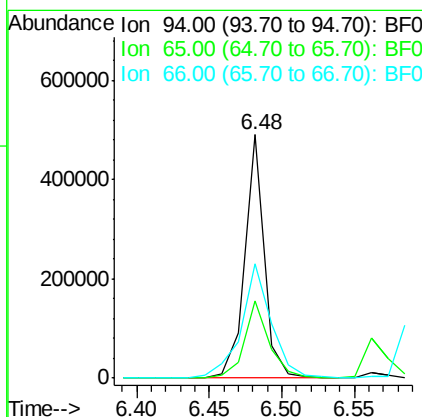
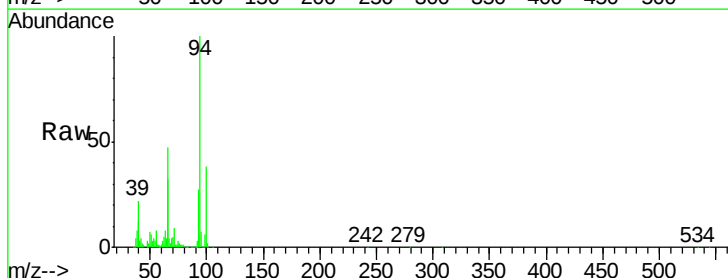
RT: 6.48 min Scan# 367

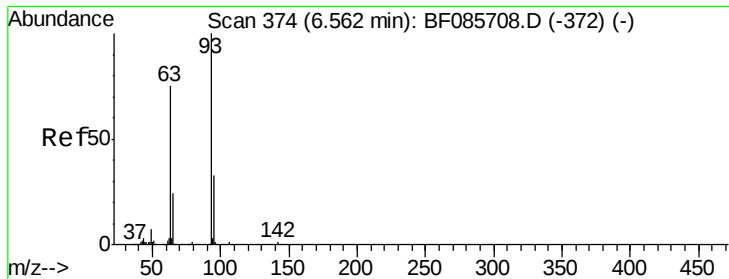
Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion:	94	Resp:	460254
Ion Ratio	Lower	Upper	
94	100		
65	31.8	8.6	48.6
66	46.9	20.0	60.0





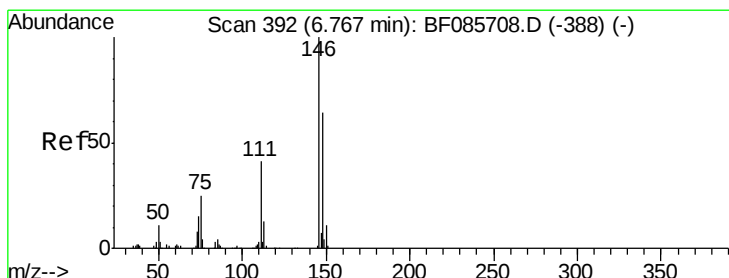
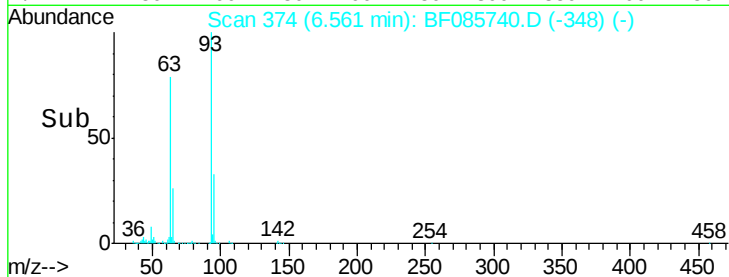
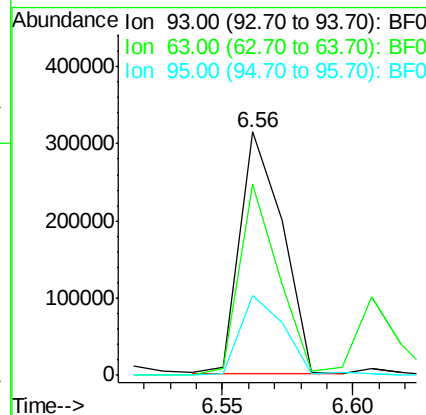
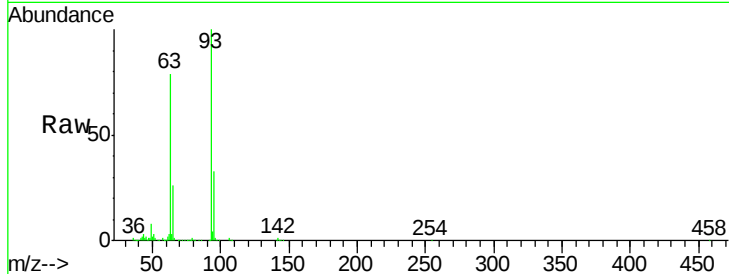
#11
bis(2-Chloroethyl)ether
Concen: 48.90 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.7	50.9	90.9
95	32.6	13.3	53.3

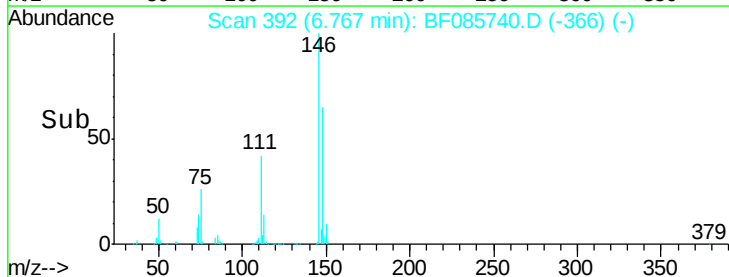
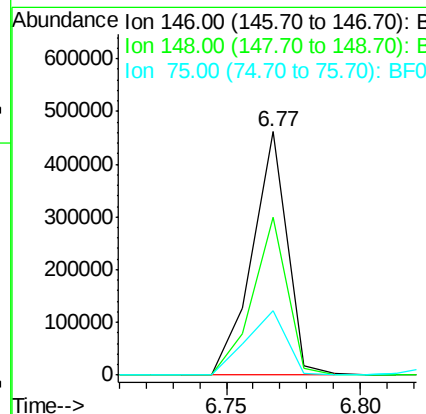
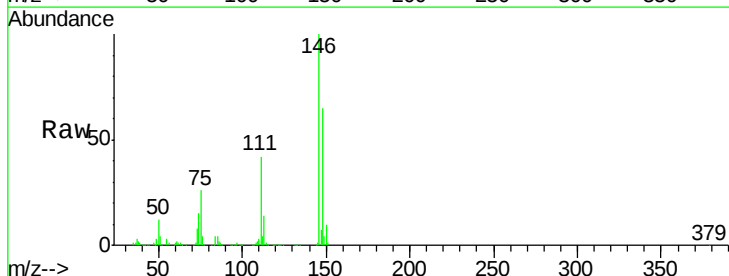
Manual Integrations
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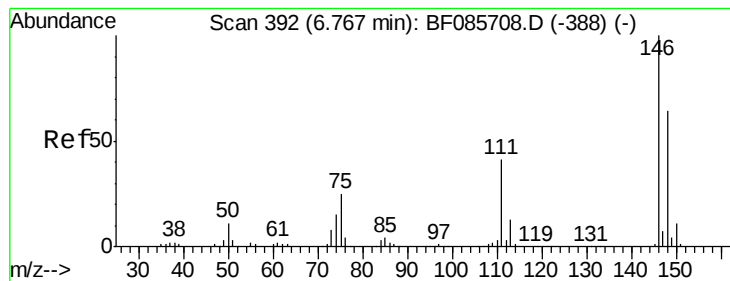
Sohil
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#12
1,3-Dichlorobenzene
Concen: 50.56 ng m
RT: 6.77 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.3	78.5
75	26.5	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 49.48 ng m

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF085740.D

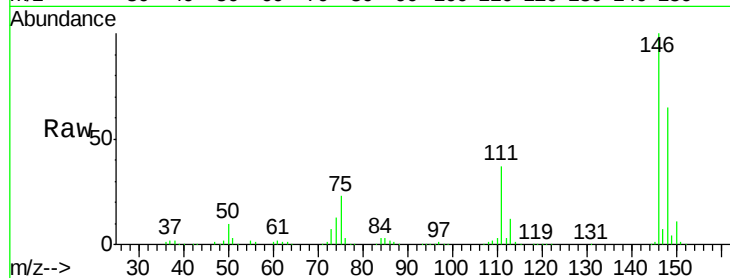
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

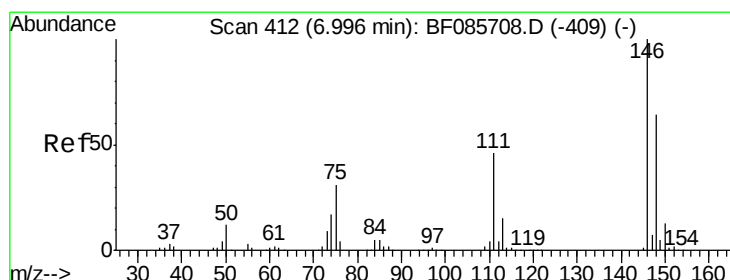
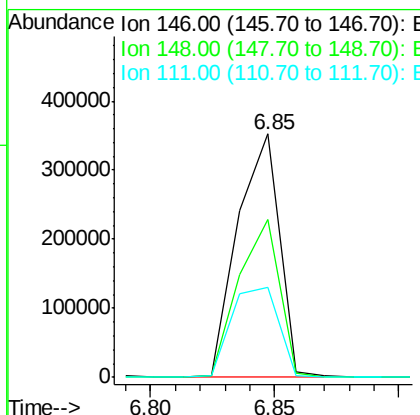
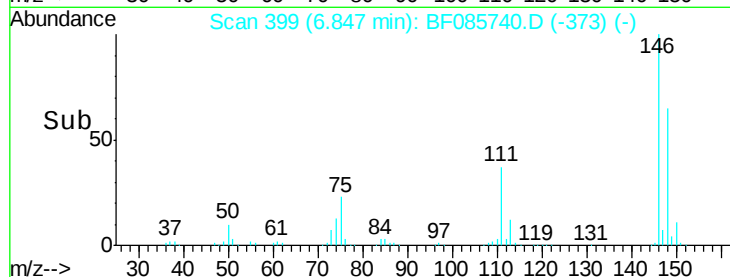
GW-01(13-15)MS



Tgt Ion:	146	Resp:	415854
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	76.0
111	37.1	37.8	56.6#

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3/25/2016 3:04:39 PM



#14

1,2-Dichlorobenzene

Concen: 49.81 ng

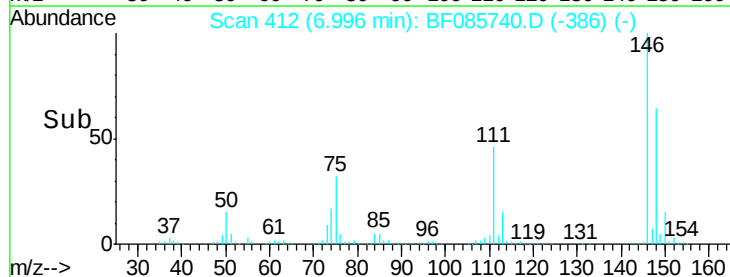
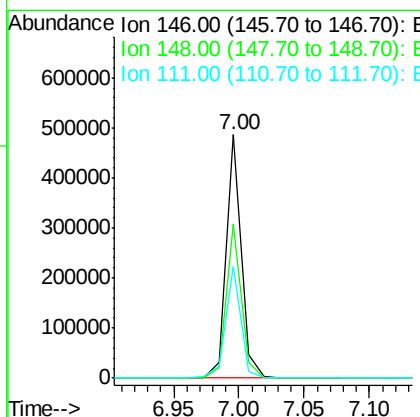
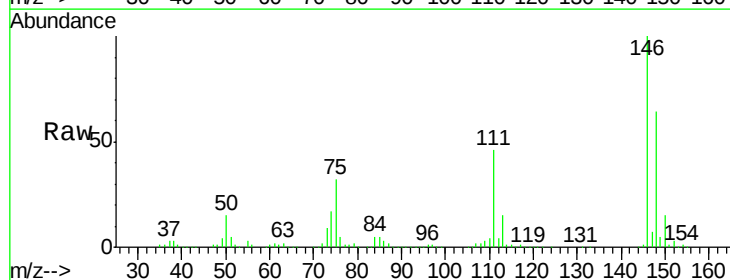
RT: 7.00 min Scan# 412

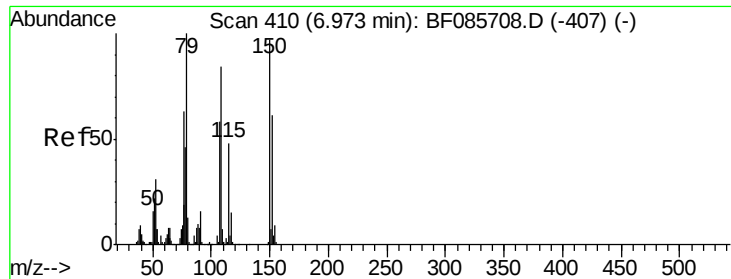
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion:	146	Resp:	390117
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.2
111	46.0	34.6	52.0





#15

Benzyl Alcohol

Concen: 51.40 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085740.D

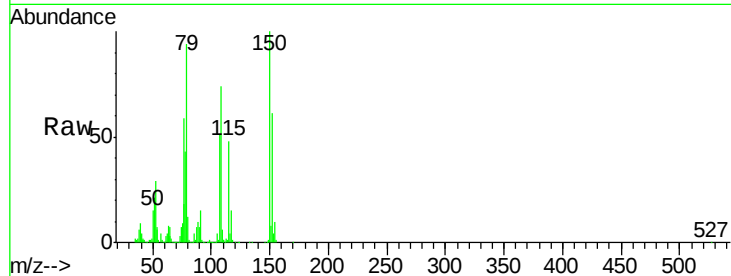
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

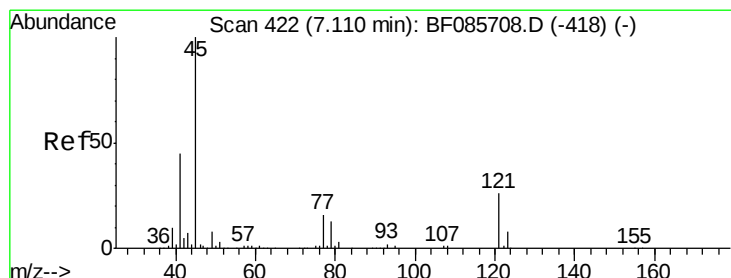
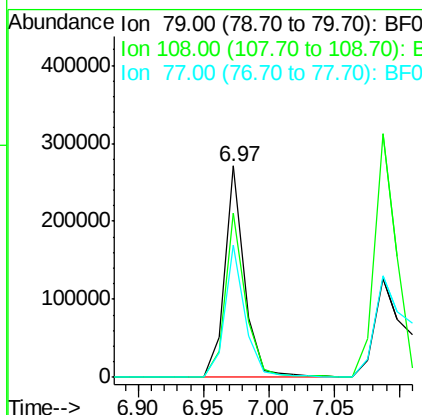
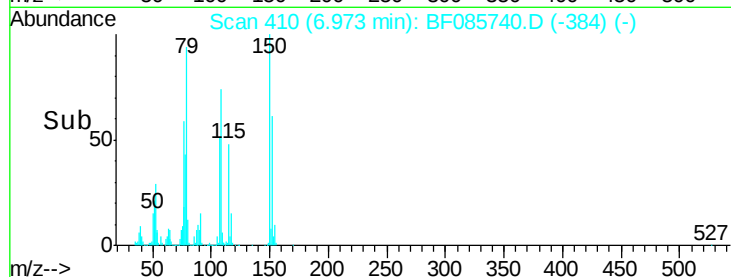
GW-01(13-15)MS



Tgt Ion:	79	Resp:	288824
Ion Ratio	Lower	Upper	
79	100		
108	78.1	61.8	92.6
77	62.8	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.53 ng

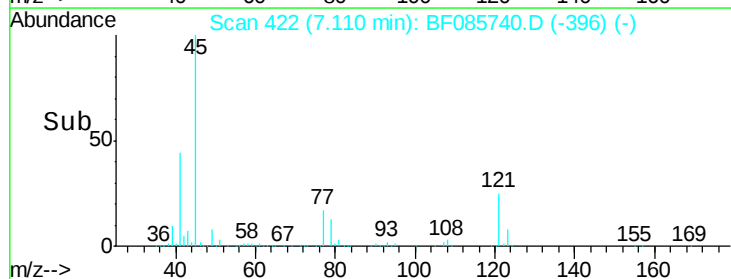
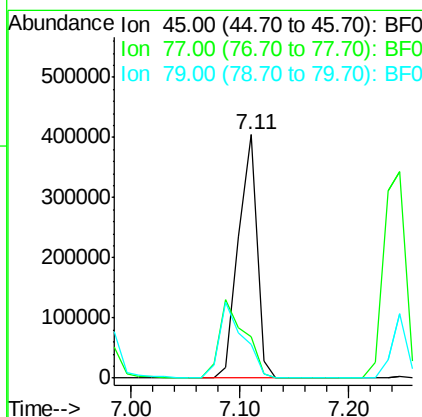
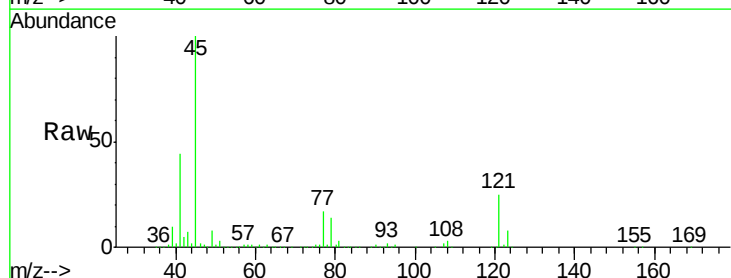
RT: 7.11 min Scan# 422

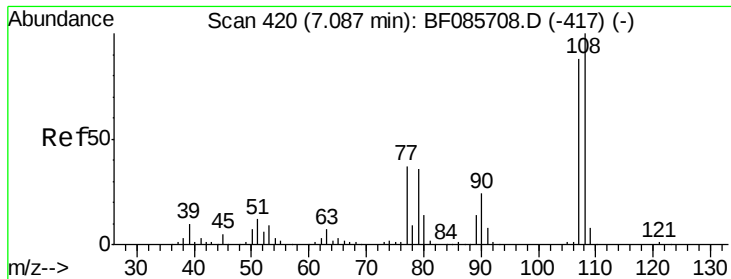
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion:	45	Resp:	472787
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	35.7
79	13.7	0.0	32.2





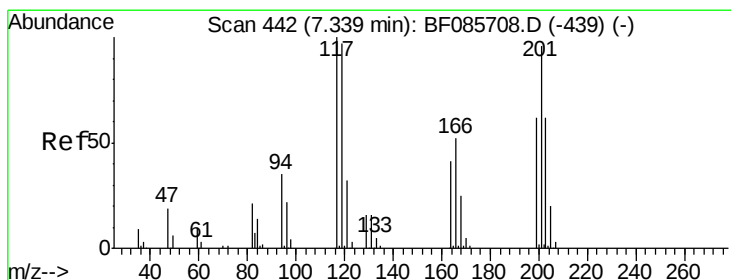
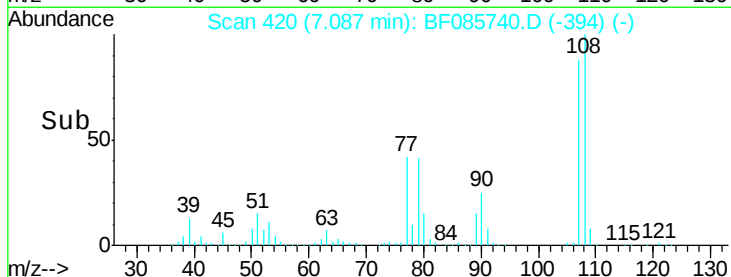
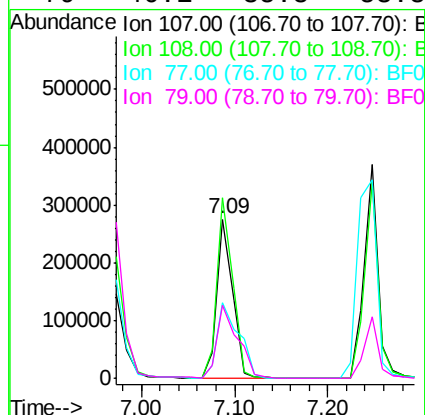
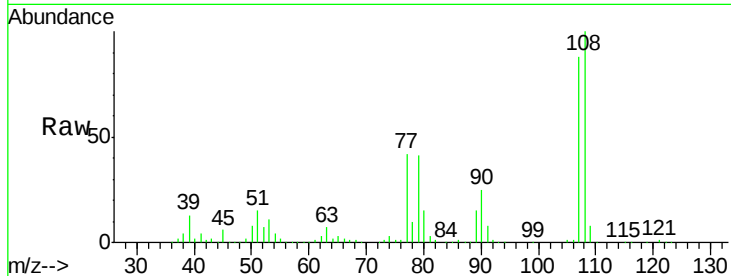
#17
2-Methylphenol
Concen: 51.99 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	320339		
108	113.3	91.4	137.0	
77	47.2	36.2	54.2	
79	46.1	35.8	53.8	

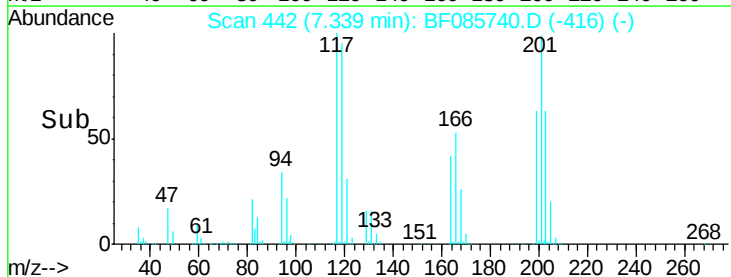
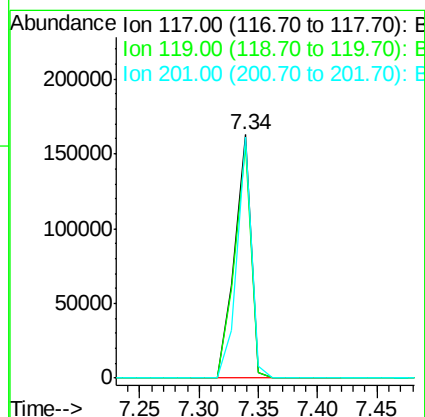
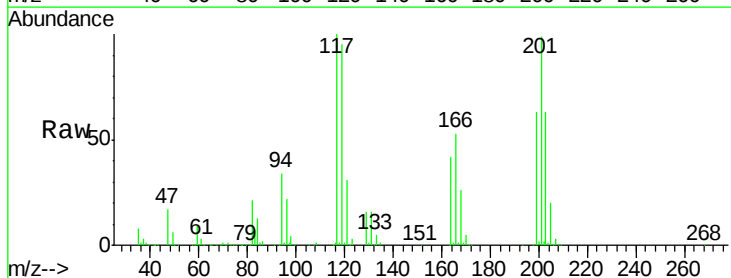
Manual Integrations
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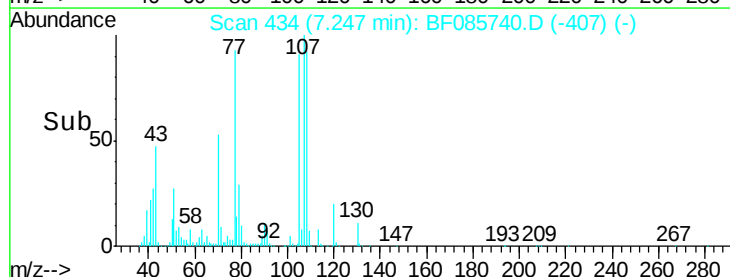
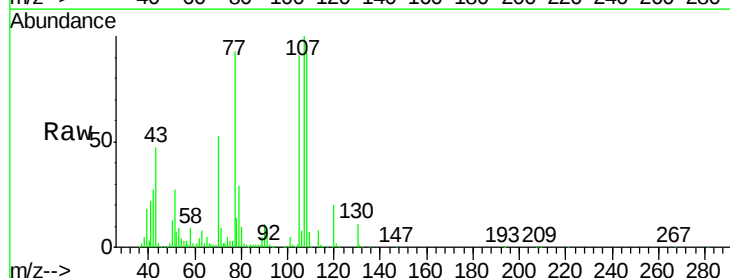
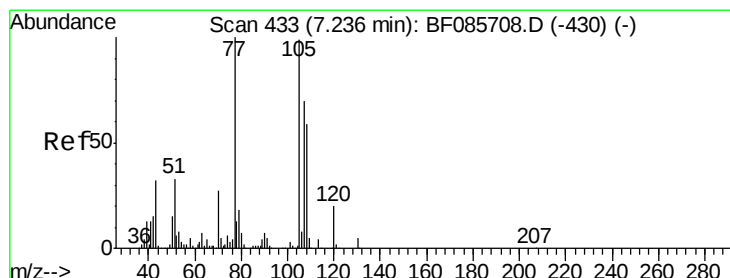
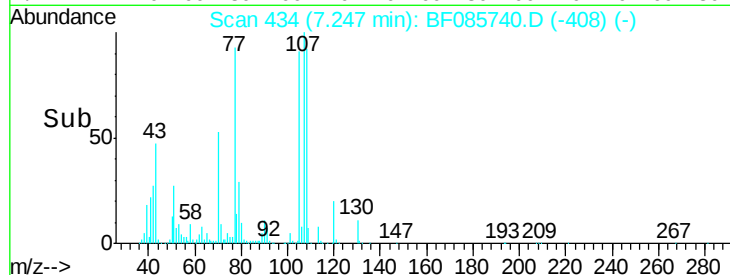
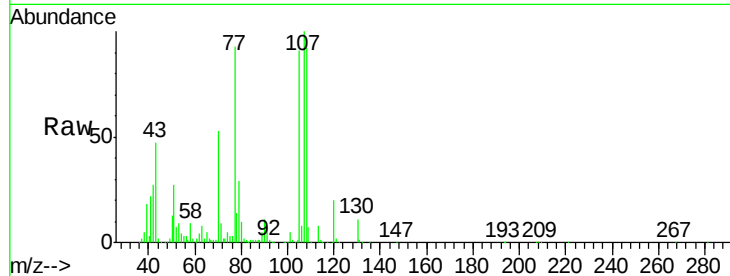
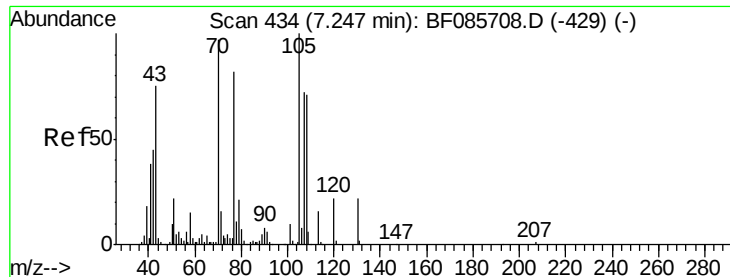
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#18
Hexachloroethane
Concen: 51.17 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	157468		
119	95.4	76.7	115.1	
201	98.9	83.3	124.9	





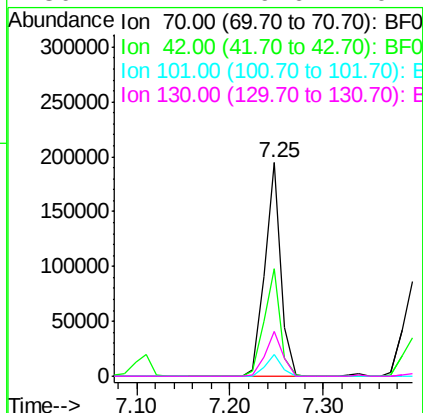
#19
n-Nitroso-di-n-propylamine
Concen: 46.21 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	50.6	37.1	55.7
101	10.2	8.6	12.8
130	21.2	19.6	29.4

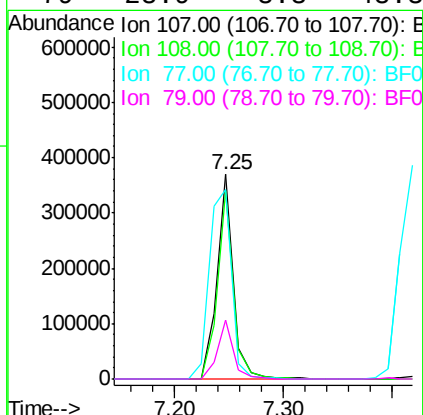
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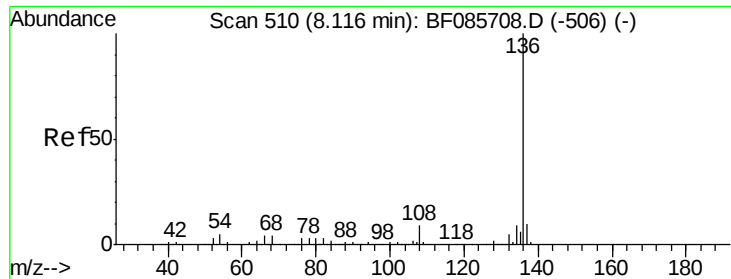
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#20
3+4-Methylphenols
Concen: 52.04 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	91.7	69.3	109.3
77	92.7	101.7	141.7
79	28.9	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

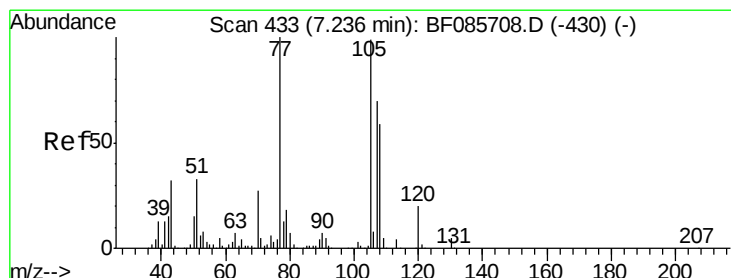
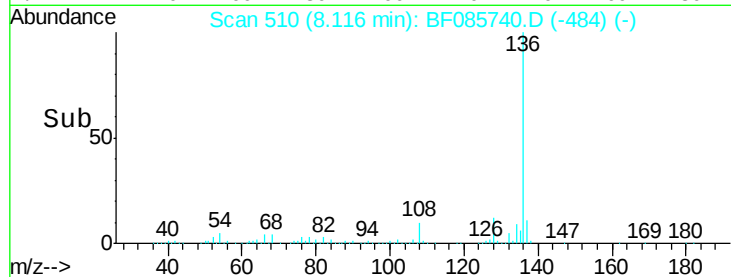
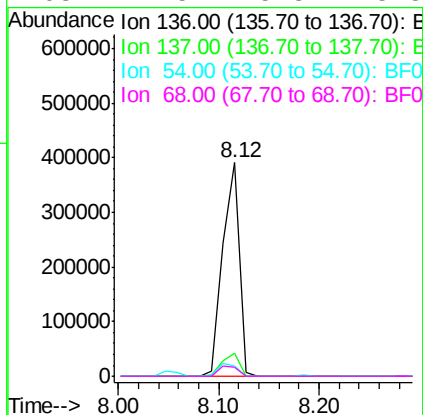
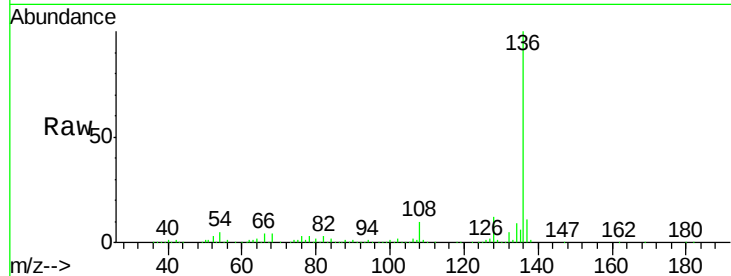
ClientSampleId :

GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.1	7.4	11.0#
68	4.5	5.8	8.8#

Manual Integrations
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#22

Acetophenone

Concen: 48.71 ng

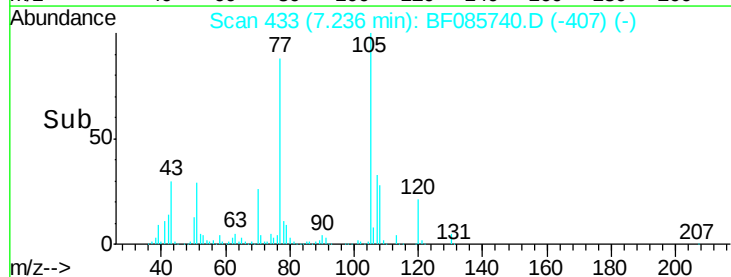
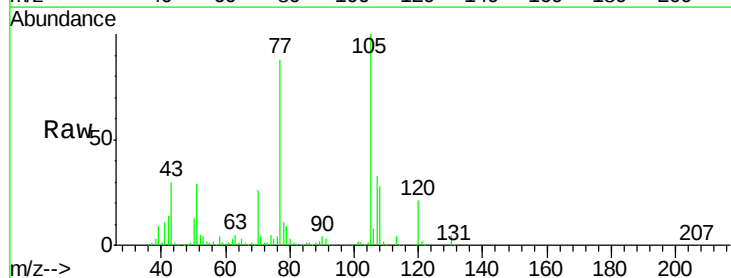
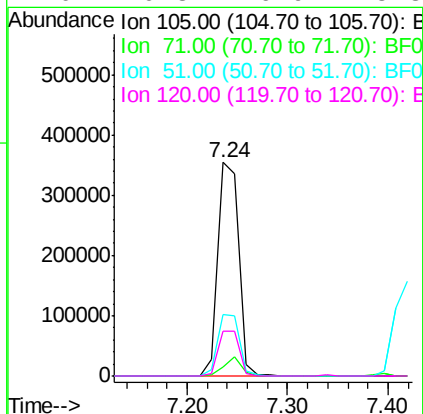
RT: 7.24 min Scan# 433

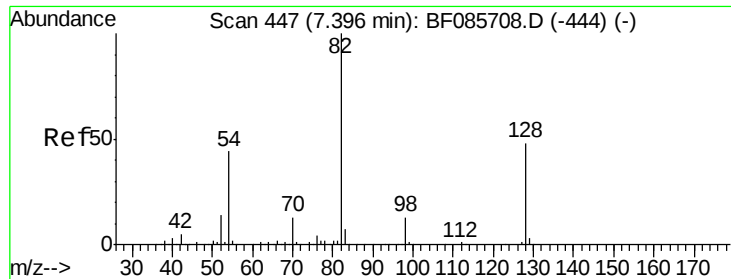
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.5	3.6	5.4
51	28.7	25.4	38.0
120	20.8	16.9	25.3





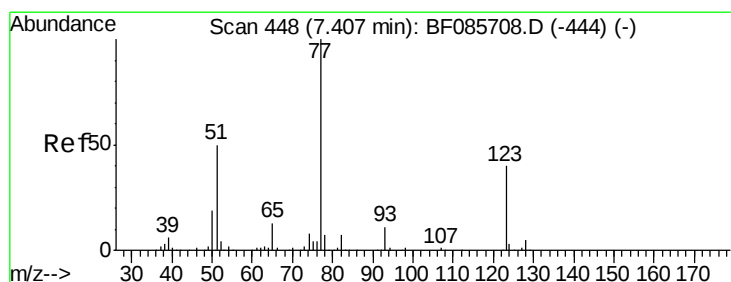
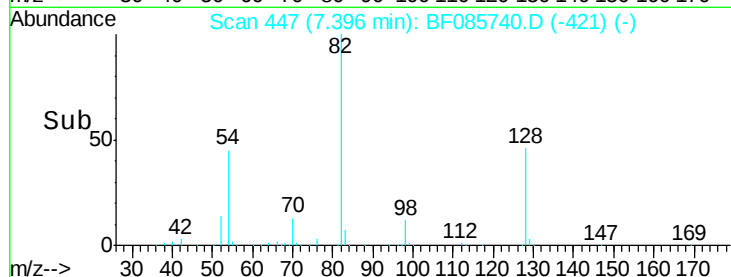
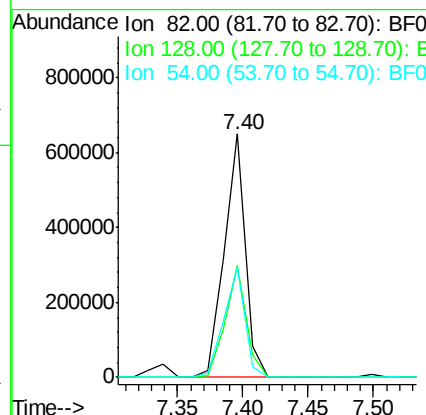
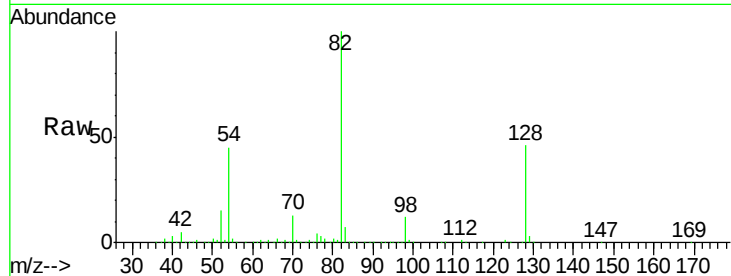
#23
 Nitrobenzene-d5
 Concen: 92.02 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.1	41.8	62.8
54	45.3	33.4	50.0

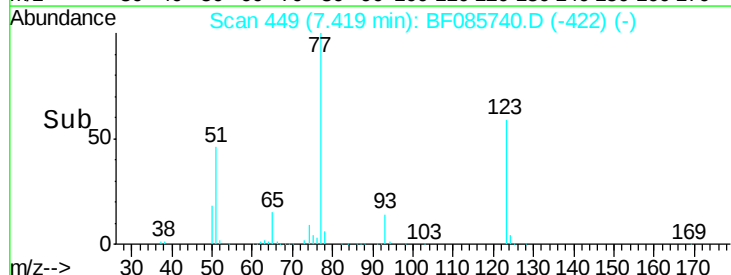
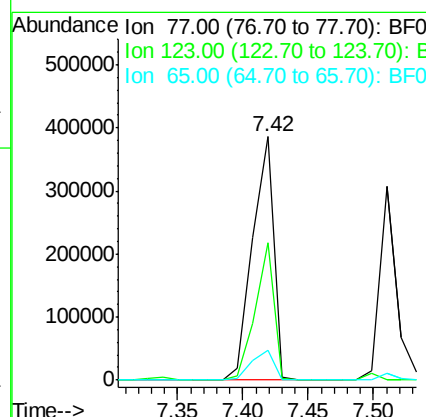
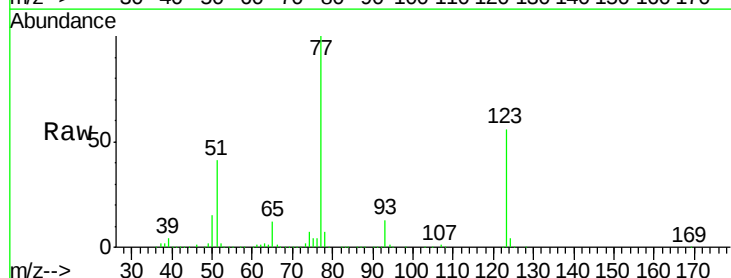
Manual Integrations
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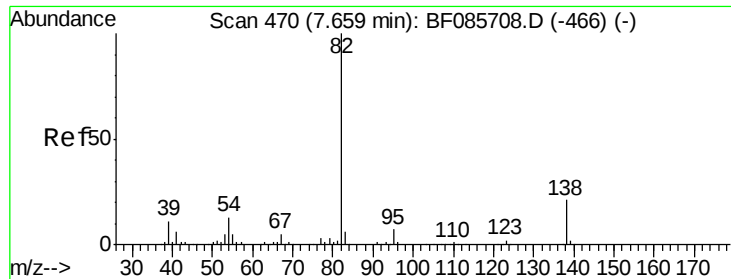
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#24
 Nitrobenzene
 Concen: 53.02 ng
 RT: 7.42 min Scan# 449
 Delta R.T. 0.01 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	56.5	35.0	52.4#
65	12.4	10.6	16.0





#25

Isophorone

Concen: 52.25 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

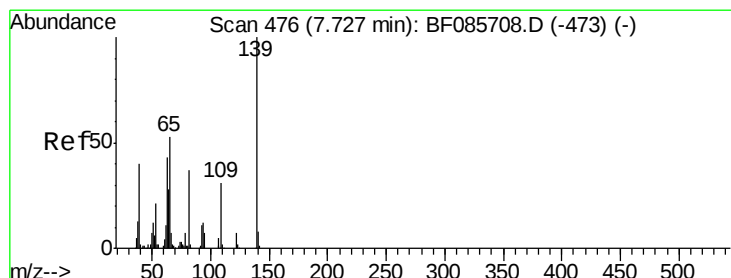
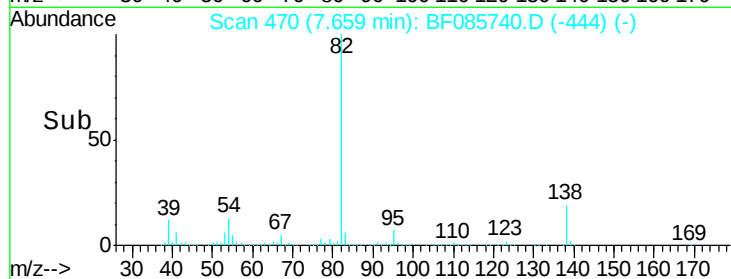
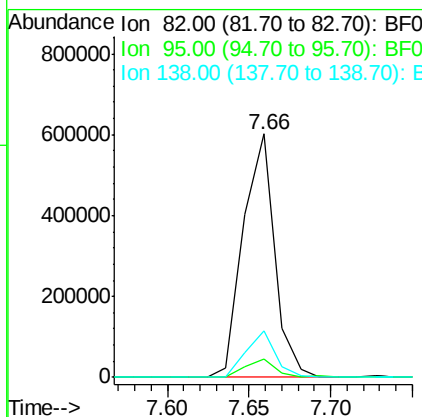
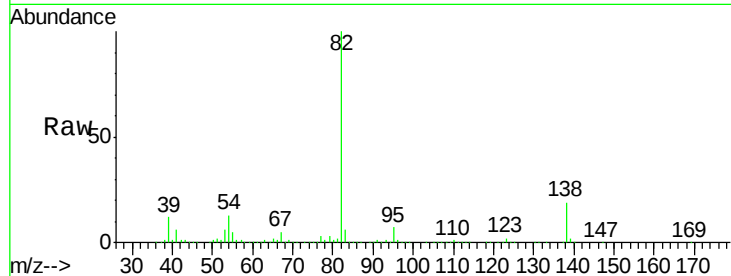
ClientSampleId :

GW-01(13-15)MS

Tgt Ion:	82	Resp:	804442
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	19.1	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.29 ng

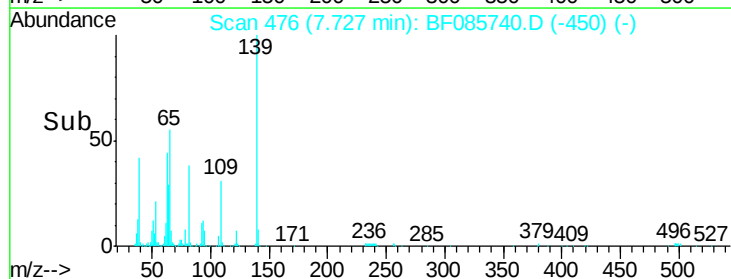
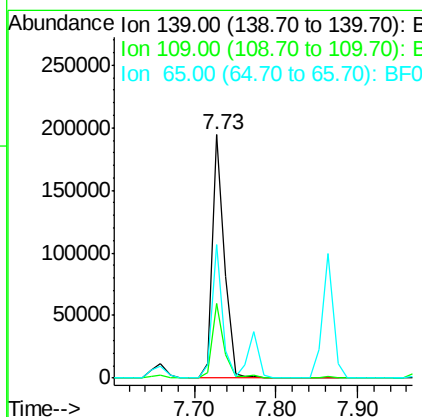
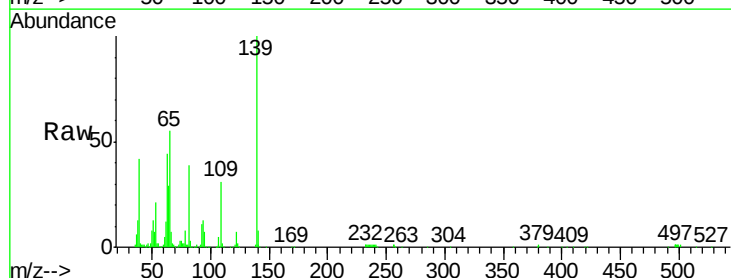
RT: 7.73 min Scan# 476

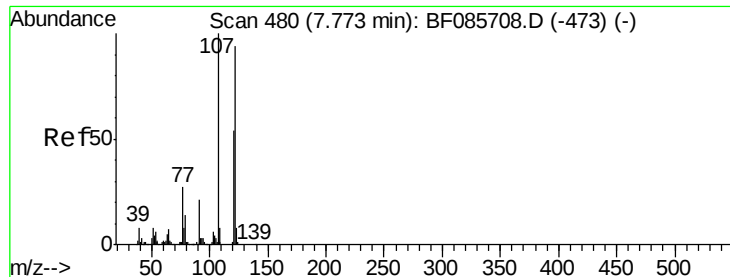
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion:	139	Resp:	203136
Ion Ratio	Lower	Upper	
139	100		
109	30.8	22.1	33.1
65	54.9	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 52.06 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

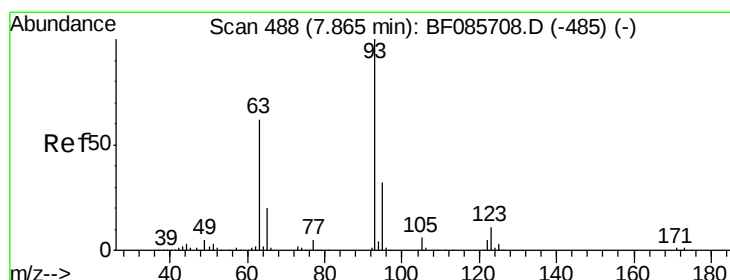
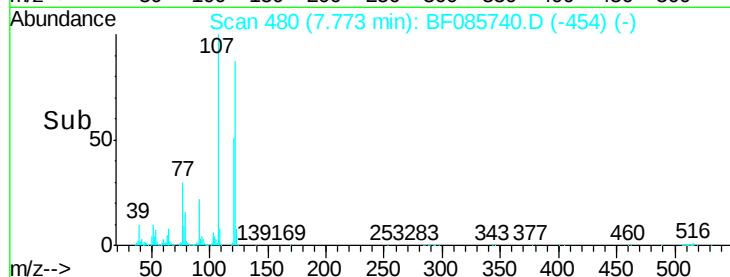
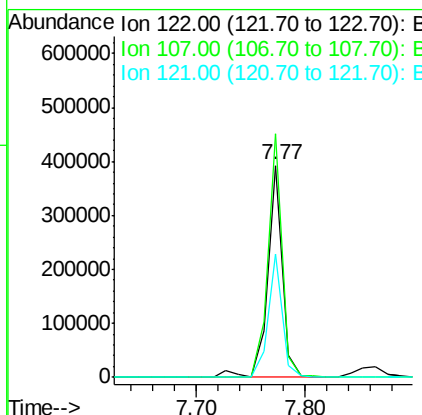
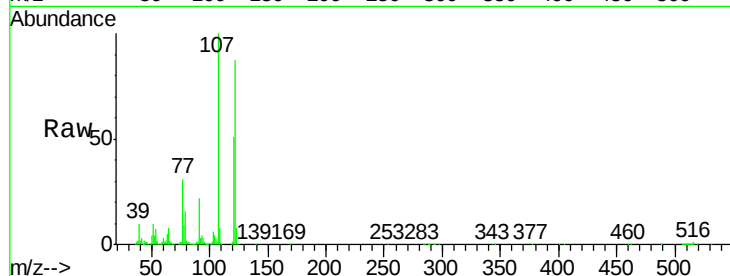
GW-01(13-15)MS

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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	375092		
107	114.7	93.0	139.6	
121	58.3	45.9	68.9	



#28

bis(2-Chloroethoxy)methane

Concen: 53.00 ng

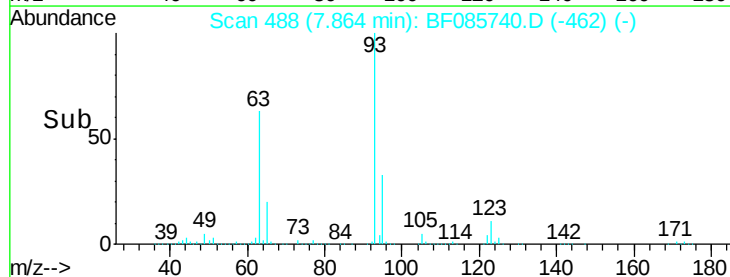
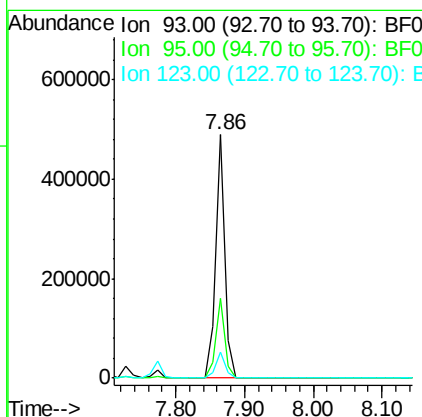
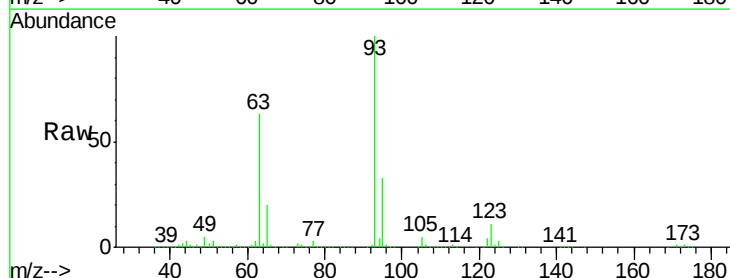
RT: 7.86 min Scan# 488

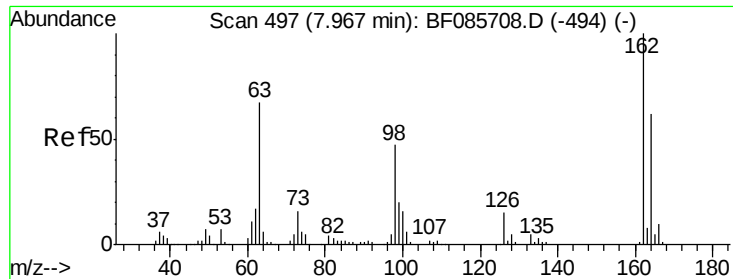
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	464936		
95	32.6	26.4	39.6	
123	10.7	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 56.72 ng

RT: 7.98 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

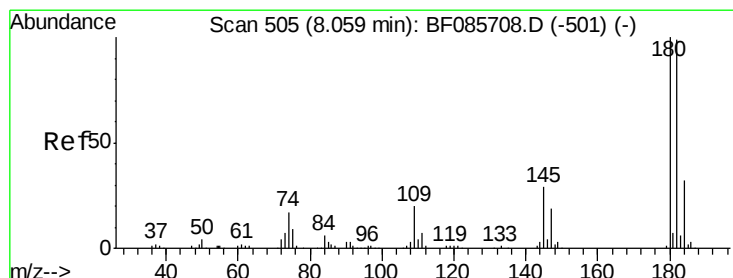
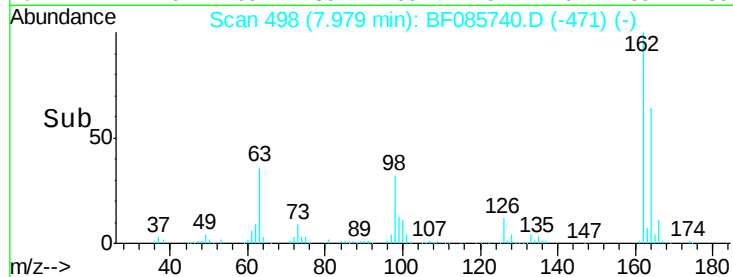
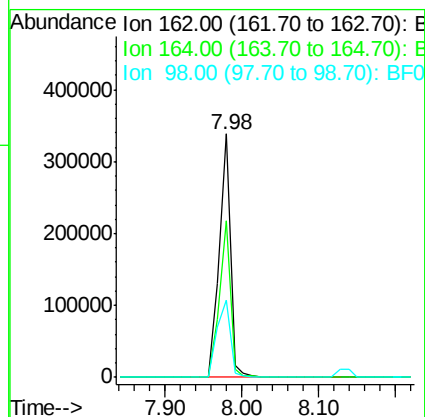
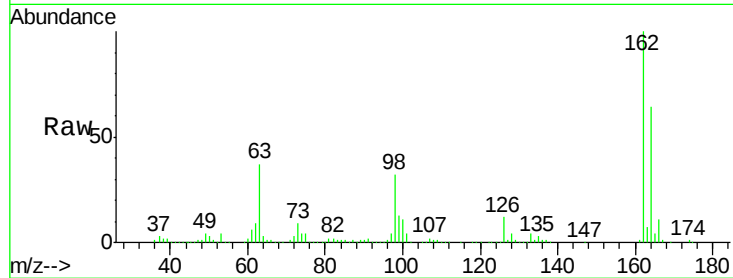
ClientSampleId :

GW-01(13-15)MS

Tgt Ion:	162	Resp:	343515
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.7	83.7
98	32.0	20.4	60.4

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#30

1,2,4-Trichlorobenzene

Concen: 51.65 ng

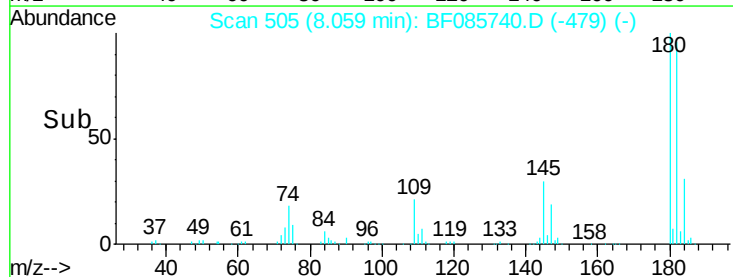
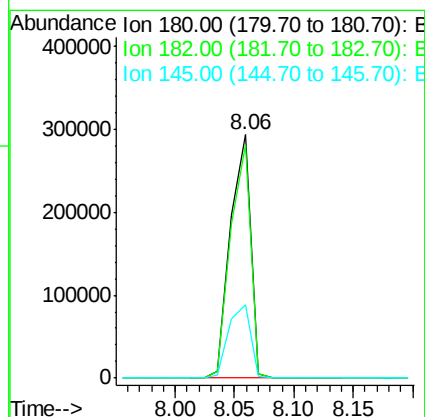
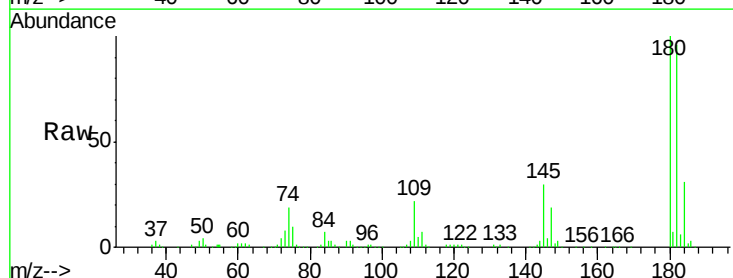
RT: 8.06 min Scan# 505

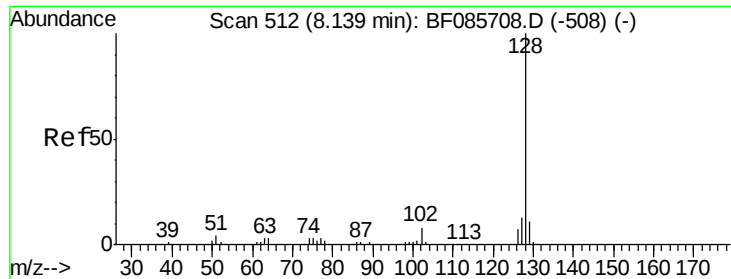
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion:	180	Resp:	347255
Ion Ratio	Lower	Upper	
180	100		
182	96.0	73.8	110.8
145	29.9	28.4	42.6





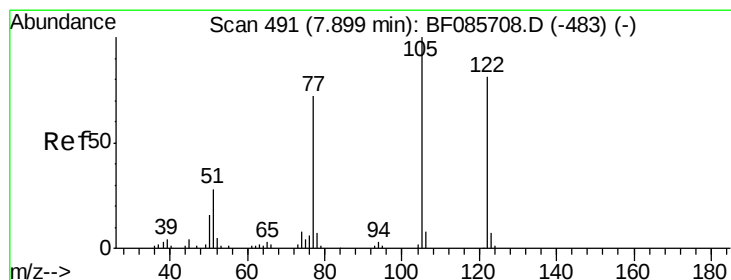
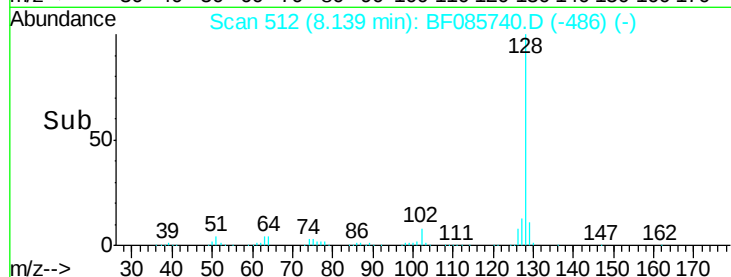
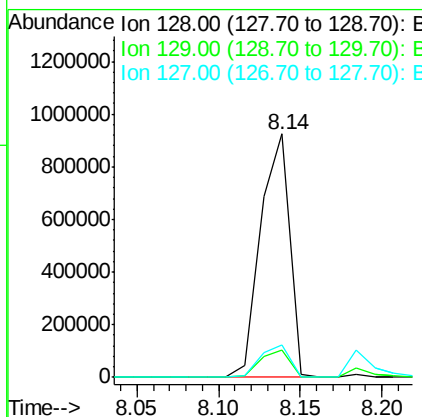
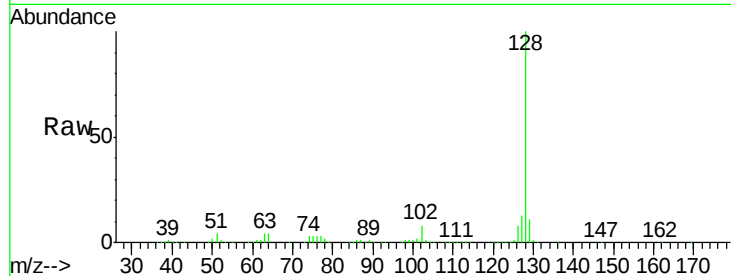
#31
Naphthalene
Concen: 50.67 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.4	11.0	16.6

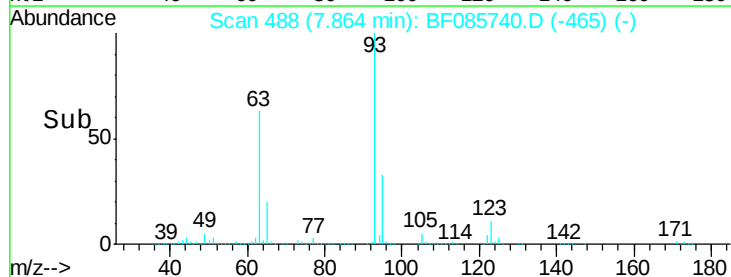
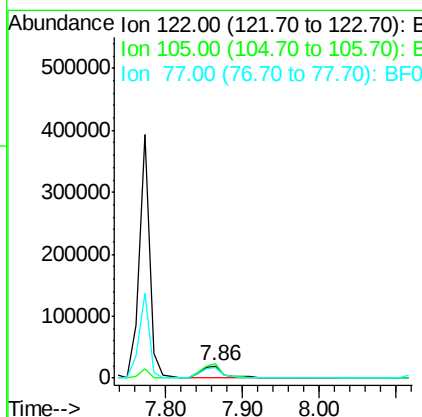
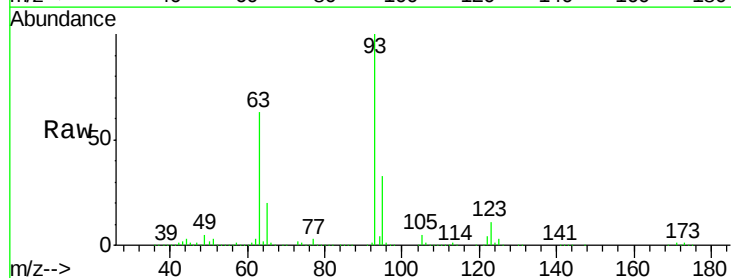
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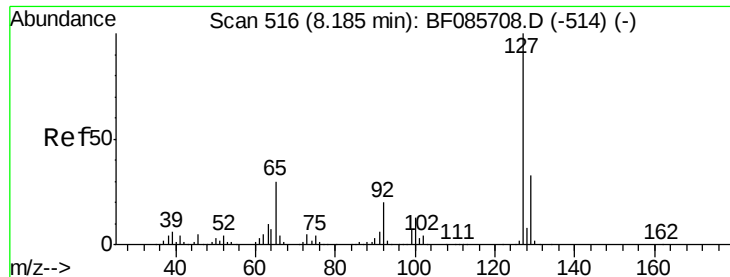
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3/25/2016 3:04:39 PM



#32
Benzoic acid
Concen: 8.15 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	102.9	142.9
77	84.2	71.8	111.8





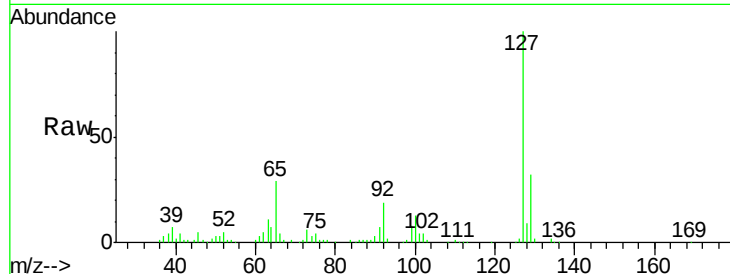
#33
4-Chloroaniline
Concen: 13.34 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

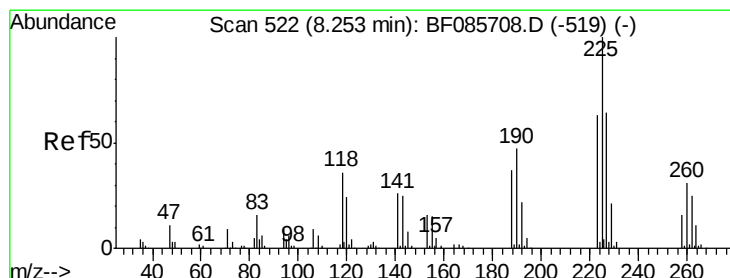
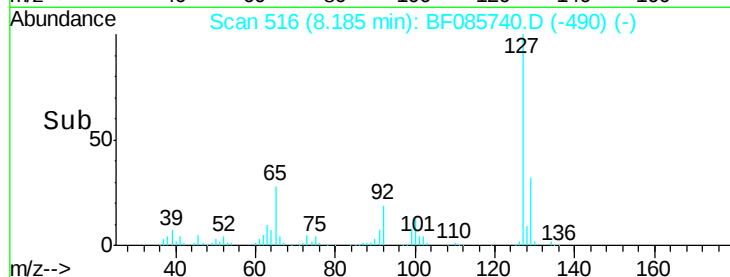
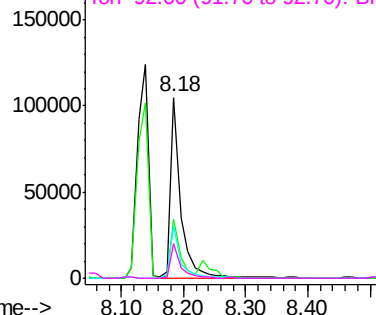
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.4	26.1	39.1
65	28.9	19.5	29.3
92	19.2	14.6	22.0

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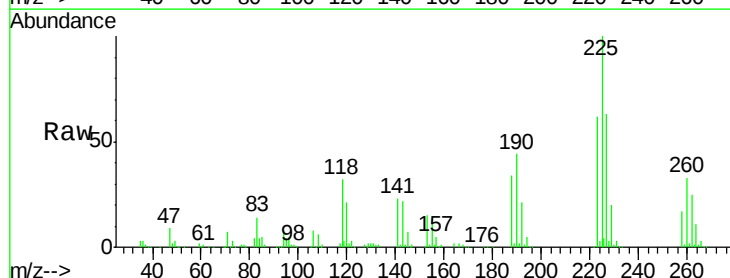


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

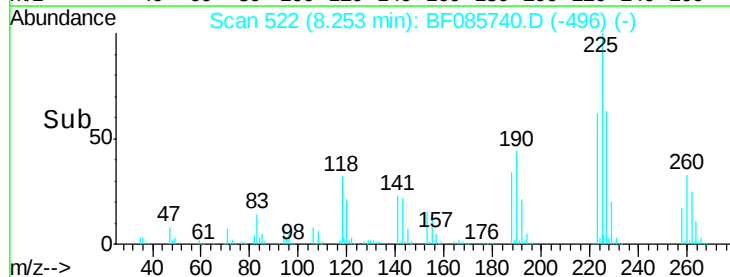
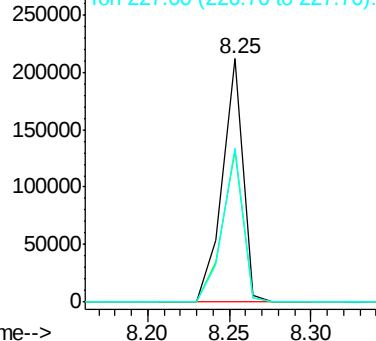


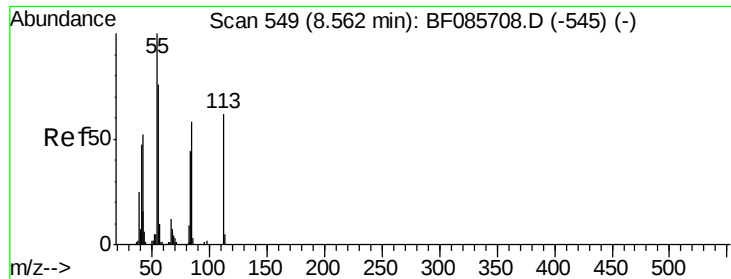
#34
Hexachlorobutadiene
Concen: 51.11 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.2	50.4	75.6
227	63.2	51.4	77.2



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





#35

Caprolactam

Concen: 54.88 ng m

RT: 8.57 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

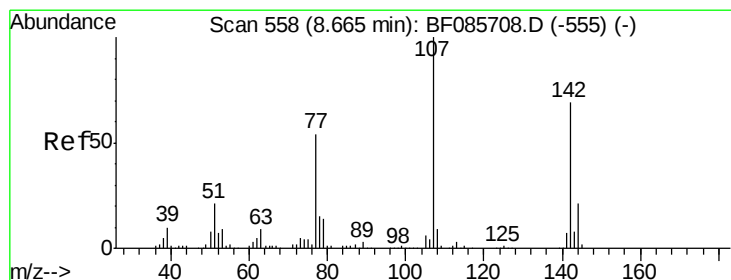
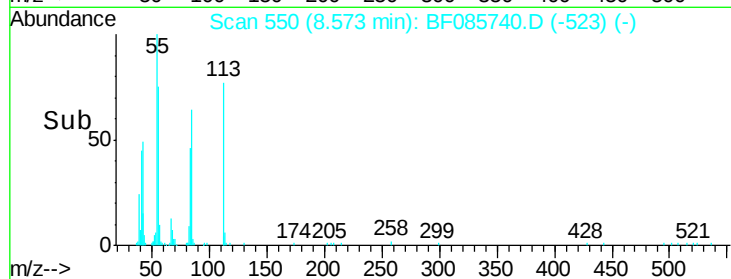
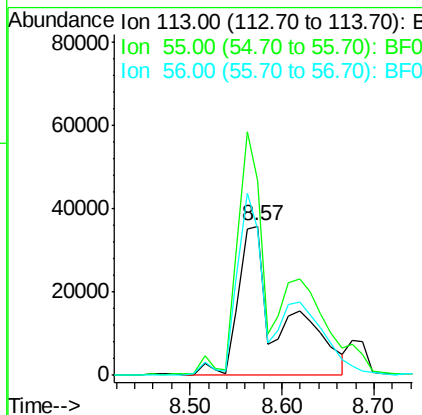
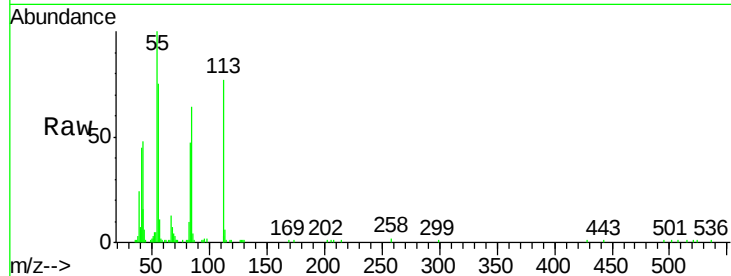
ClientSampleId :

GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	117726		
55	130.4	139.4	179.4#	
56	97.8	100.4	140.4#	

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3/25/2016 3:04:39 PM



#36

4-Chloro-3-methylphenol

Concen: 55.39 ng

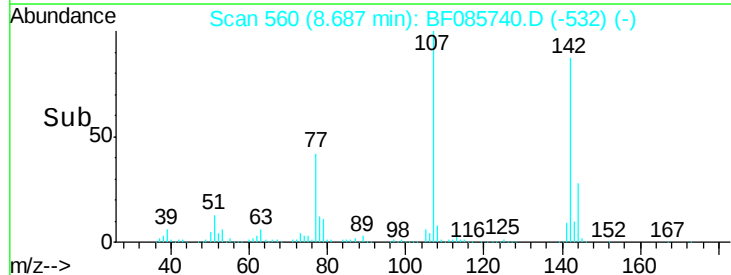
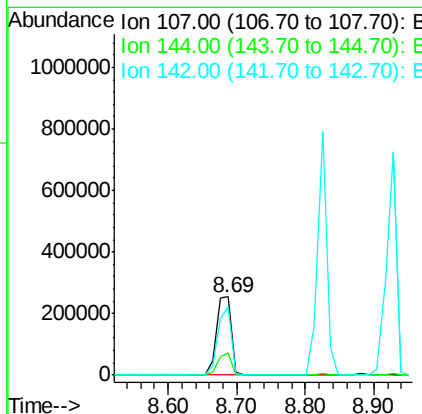
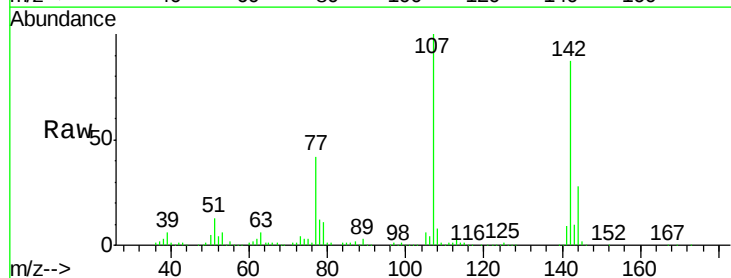
RT: 8.69 min Scan# 560

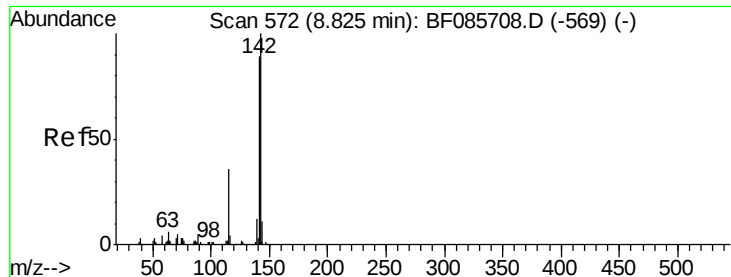
Delta R.T. 0.02 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	391844		
144	28.4	19.3	28.9	
142	87.5	61.4	92.0	





#37

2-Methylnaphthalene

Concen: 57.57 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085740.D

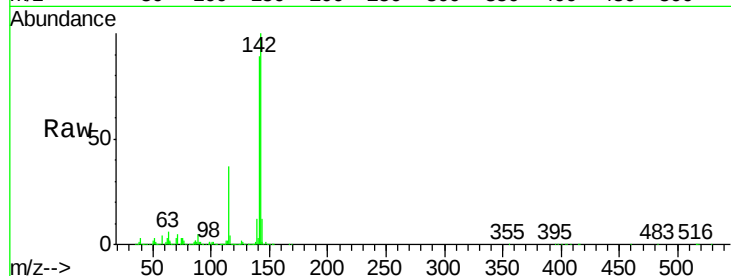
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

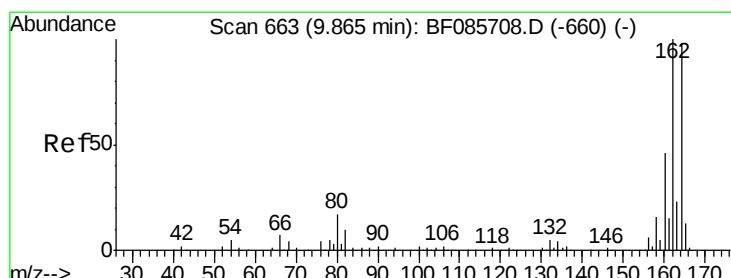
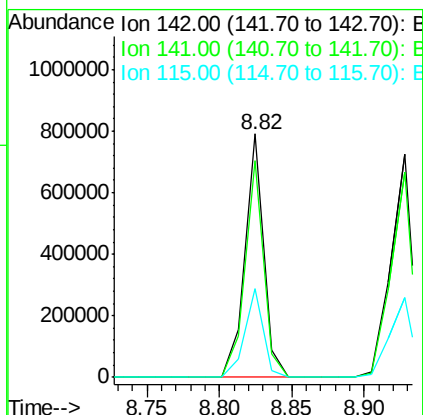
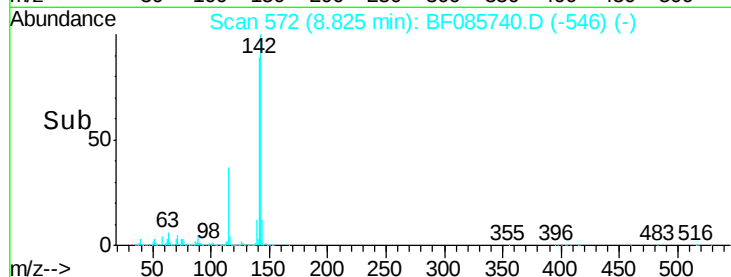
GW-01(13-15)MS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	36.6	26.8	40.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

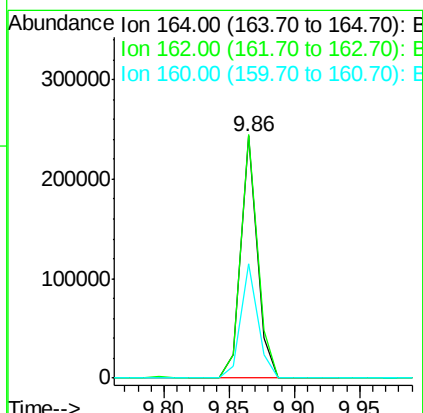
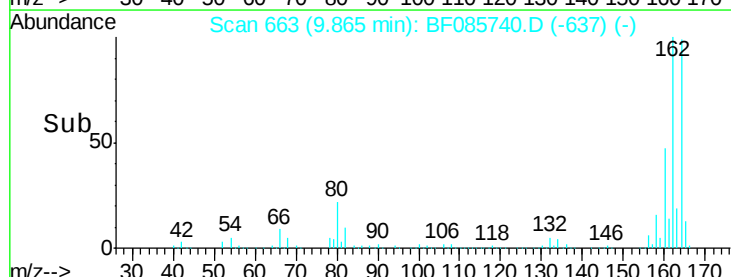
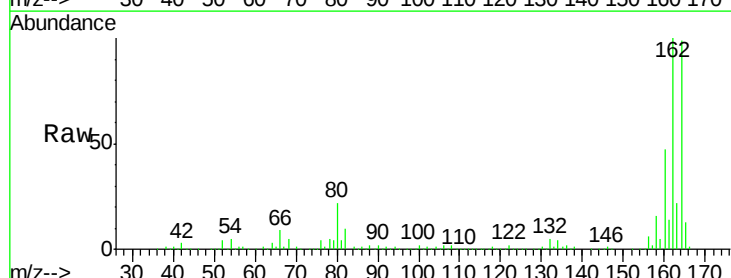
RT: 9.86 min Scan# 663

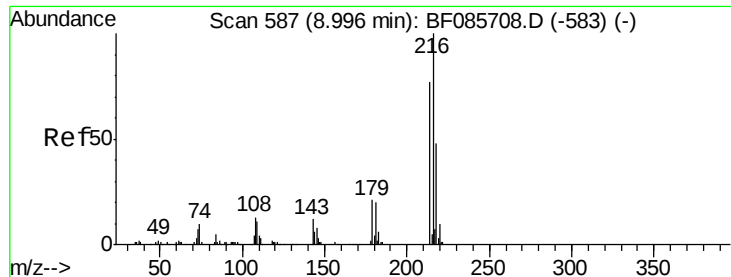
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.1	123.1
160	47.1	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.02 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF085740.D

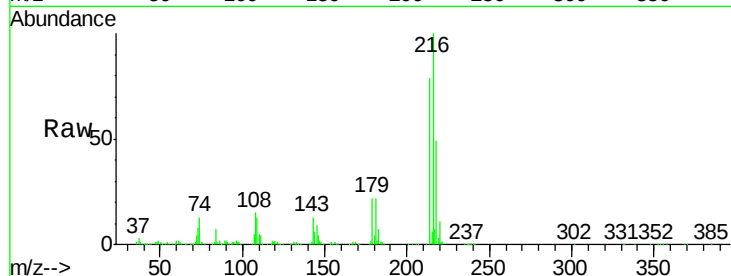
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

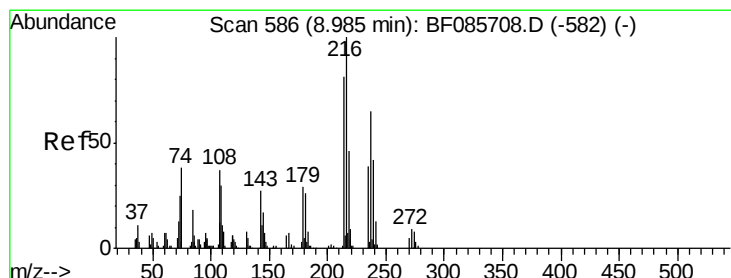
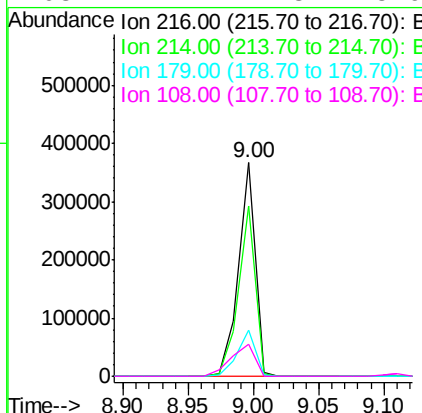
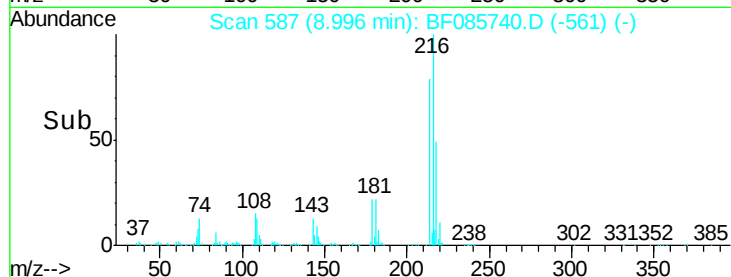
GW-01(13-15)MS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	326044		
214	79.9	63.1	94.7	
179	23.2	18.2	27.2	
108	22.1	17.3	25.9	

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#40

Hexachlorocyclopentadiene

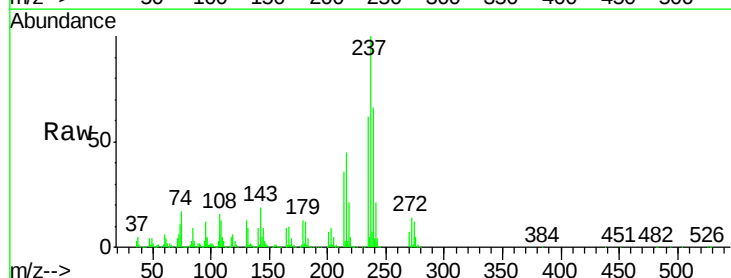
Concen: 97.09 ng

RT: 8.98 min Scan# 586

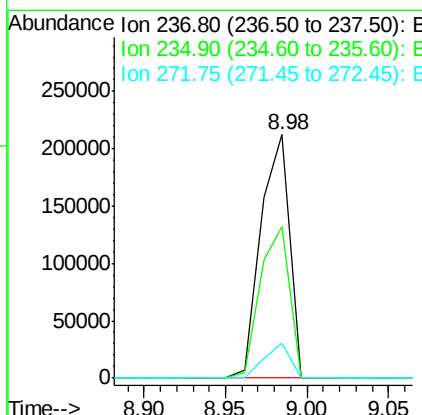
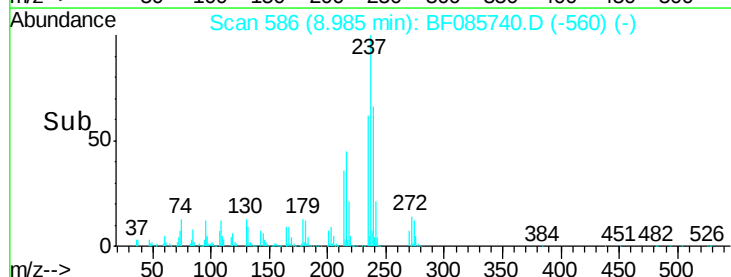
Delta R.T. 0.00 min

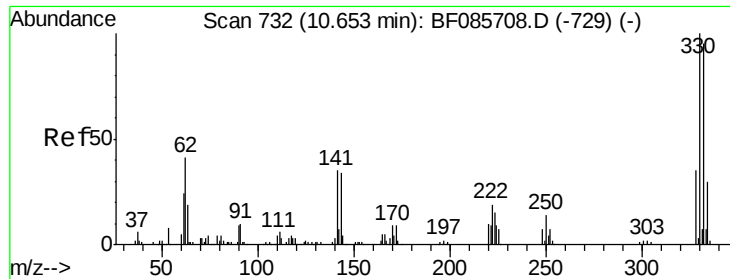
Lab File: BF085740.D

Acq: 25 Mar 2016 4:13



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	259435		
235	62.4	43.7	83.7	
272	14.5	0.0	31.9	





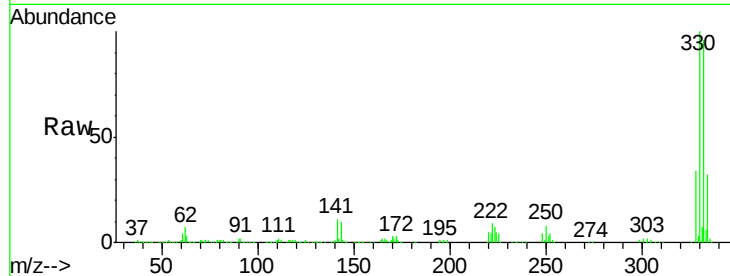
#41
 2,4,6-Tribromophenol
 Concen: 180.94 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

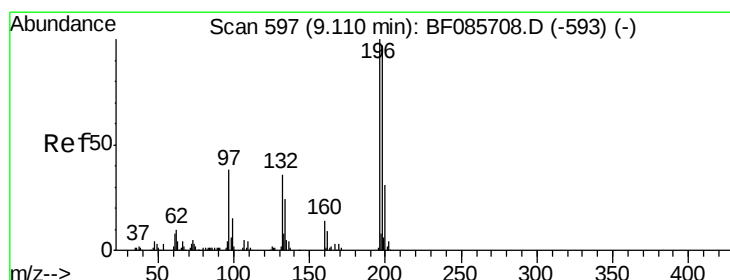
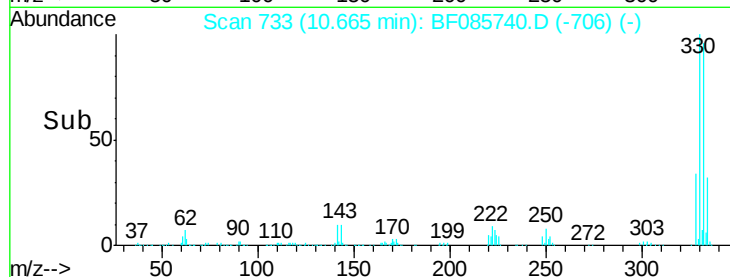
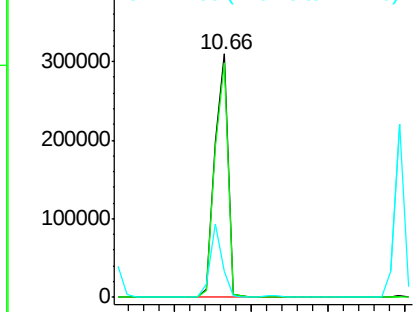
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	363383		
332	96.4	78.2	117.2	
141	27.8	31.5	47.3	

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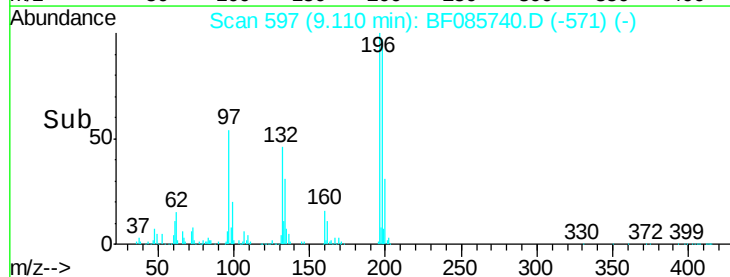
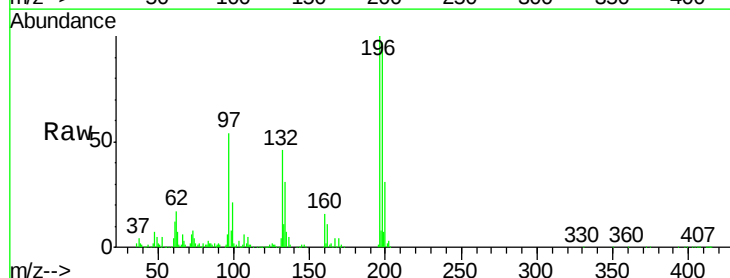
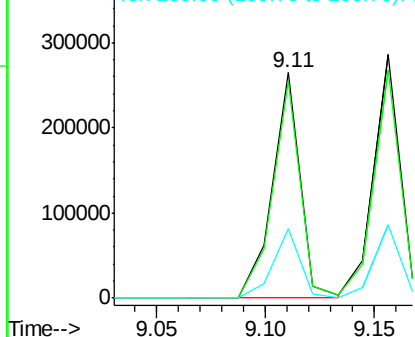
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

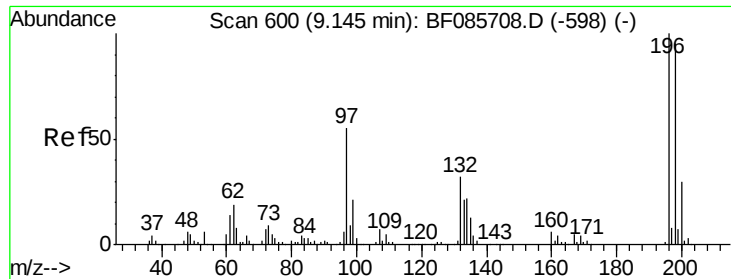


#42
 2,4,6-Trichlorophenol
 Concen: 55.73 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235914		
198	96.5	75.3	112.9	
200	31.1	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





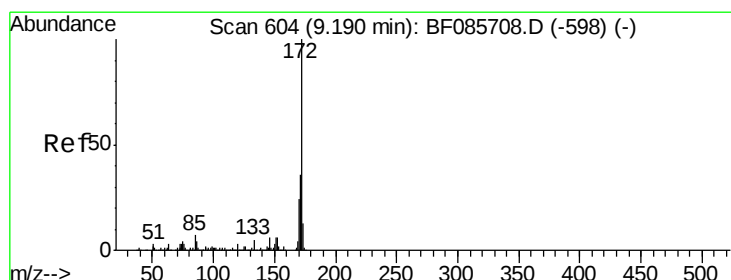
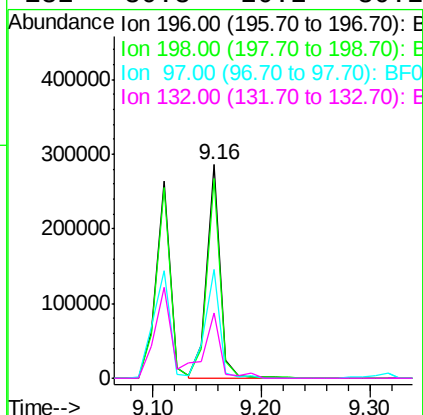
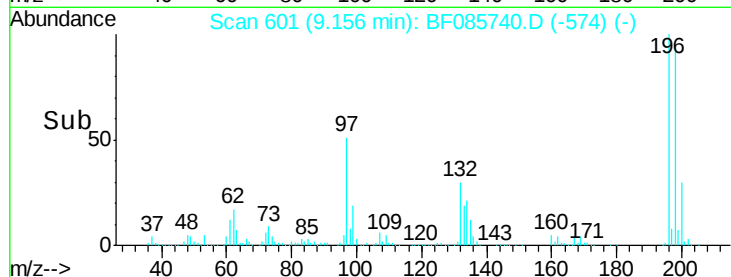
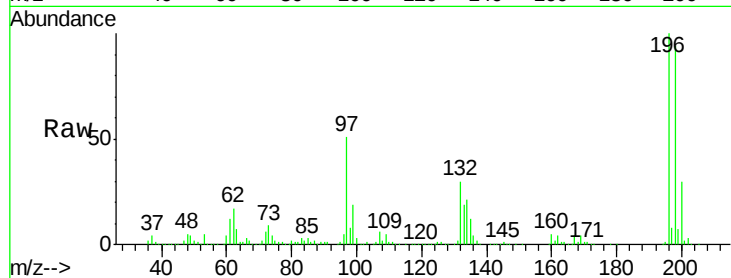
#43
 2,4,5-Trichlorophenol
 Concen: 55.68 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

Tgt Ion:	196	Resp:	247201
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.6	114.8
97	50.7	30.5	45.7#
132	30.3	20.2	30.2#

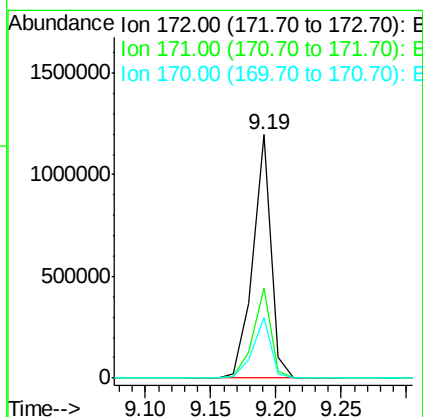
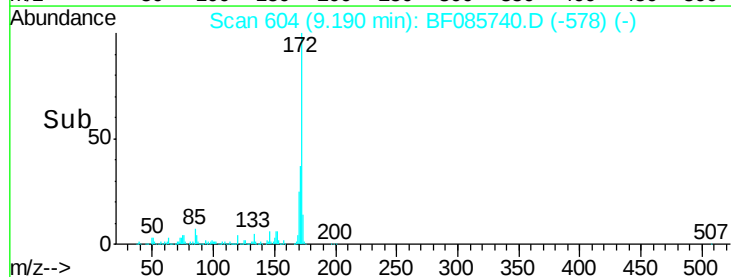
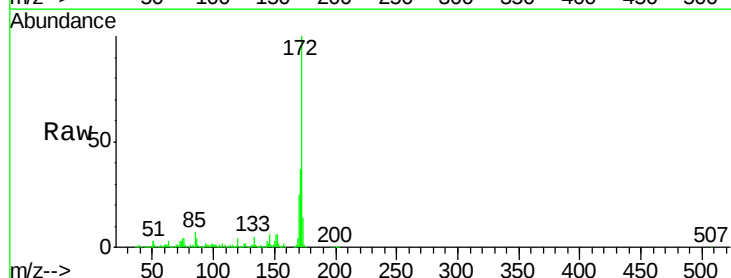
Manual Integrations
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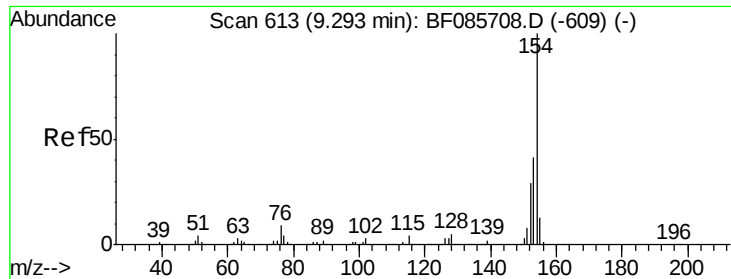
Sohil
 3/25/2016 3:04:39 PM



#44
 2-Fluorobiphenyl
 Concen: 91.94 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Tgt Ion:	172	Resp:	1163205
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.4	44.2
170	24.9	19.8	29.6





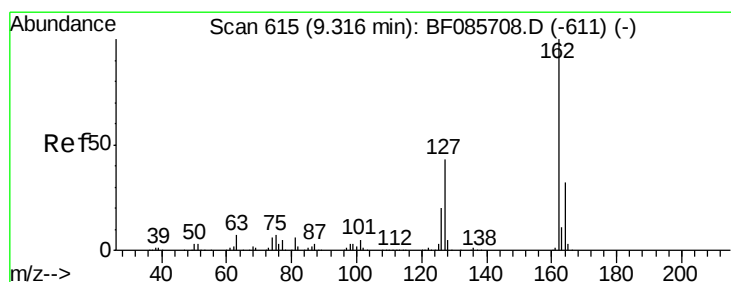
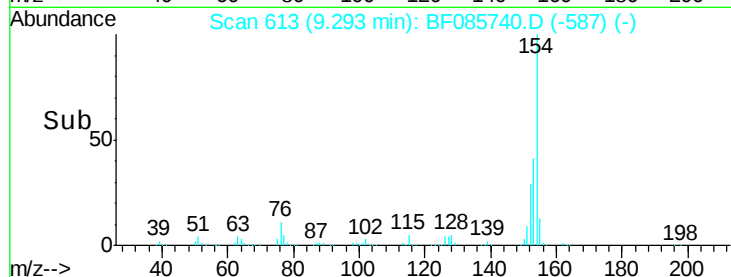
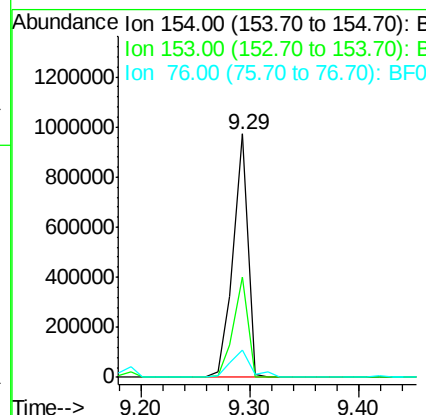
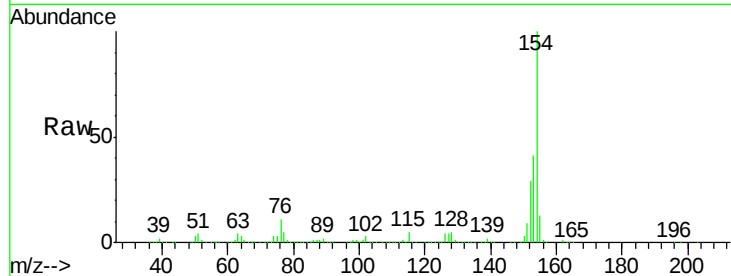
#45
1,1'-Biphenyl
Concen: 51.32 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.0	20.8	60.8
76	11.4	0.0	36.7

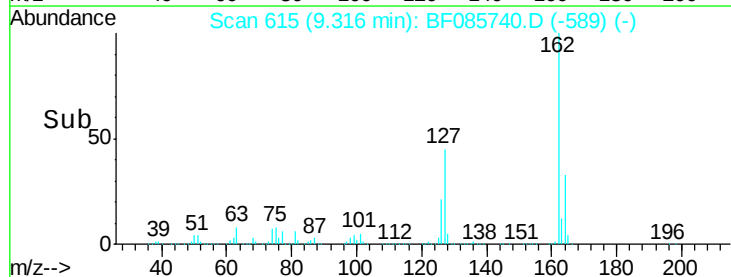
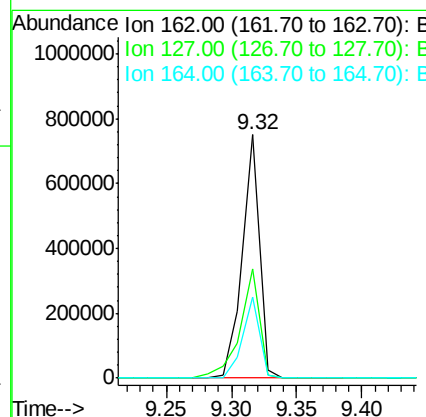
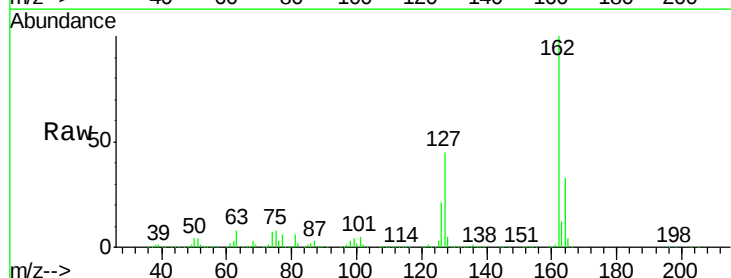
Manual Integrations
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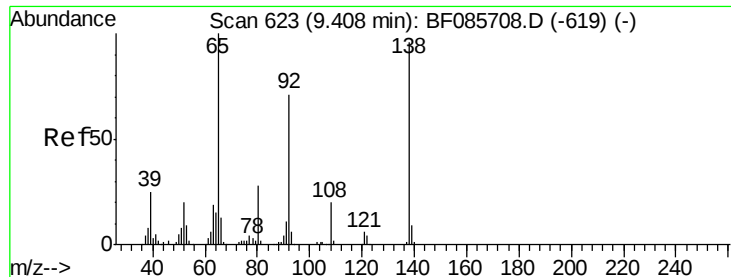
Sohil
3/25/2016 3:04:39 PM



#46
2-Chloronaphthalene
Concen: 52.20 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	44.8	31.7	47.5
164	33.2	27.3	40.9





#47

2-Nitroaniline

Concen: 58.47 ng

RT: 9.42 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MS

Tgt Ion: 65 Resp: 234492

Ion Ratio Lower Upper

65 100

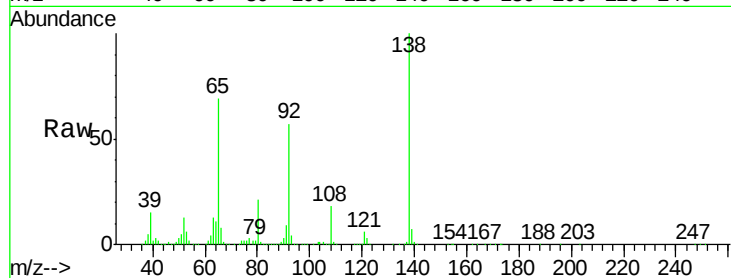
92 82.3 59.7 89.5

138 144.7 91.4 137.0#

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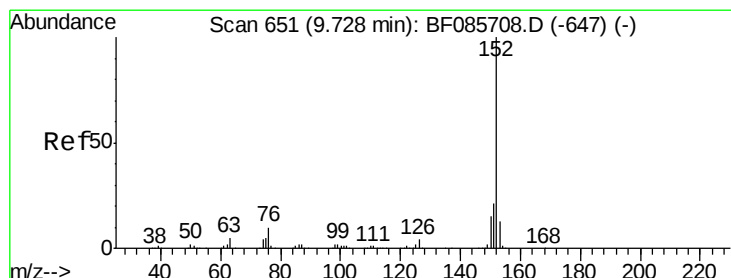
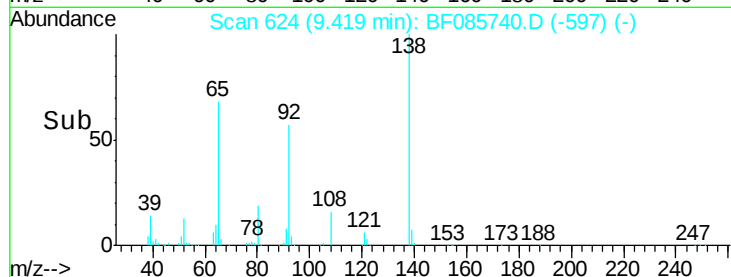
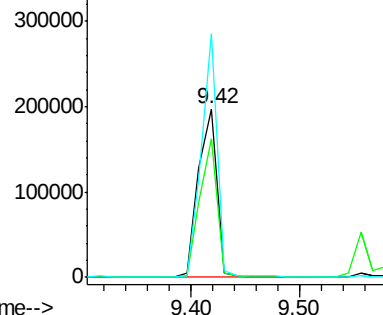
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 48.01 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

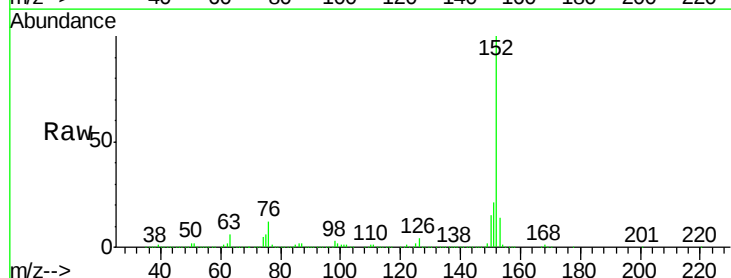
Tgt Ion: 152 Resp: 1026044

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

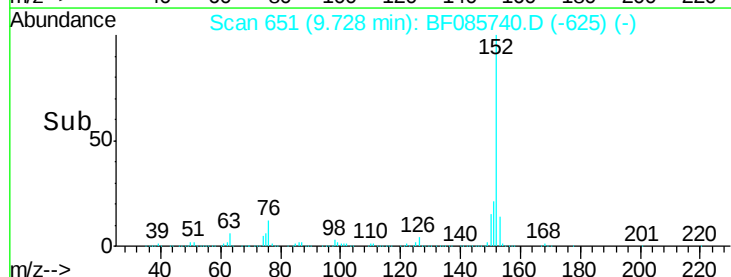
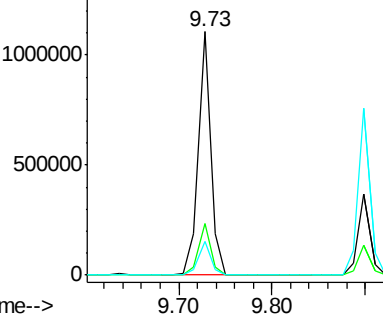
153 13.7 10.9 16.3

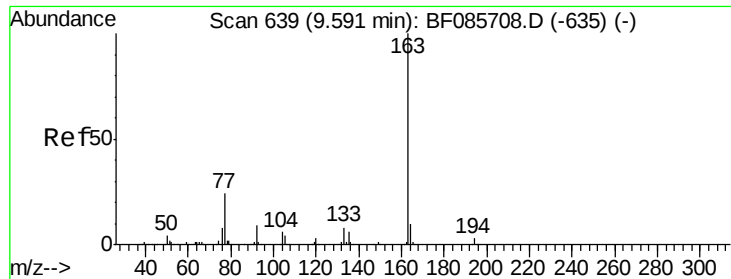


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





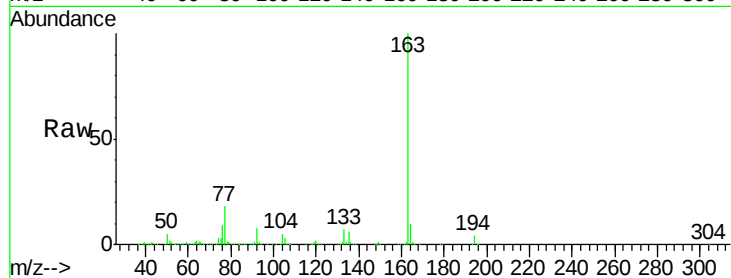
#49
Dimethylphthalate
Concen: 63.90 ng
RT: 9.60 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

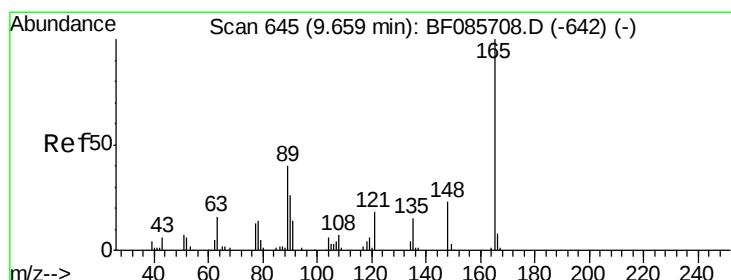
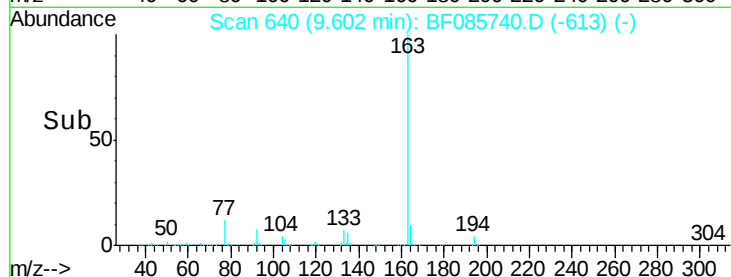
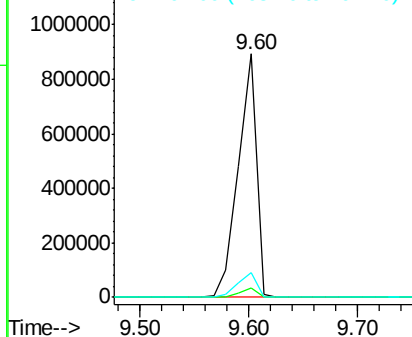
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.1	8.3	12.5

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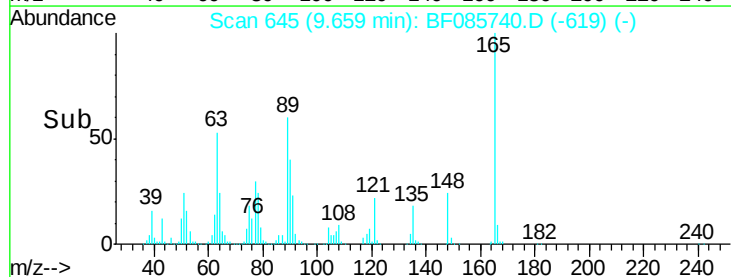
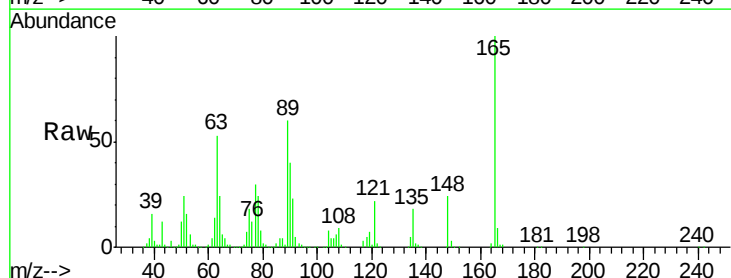
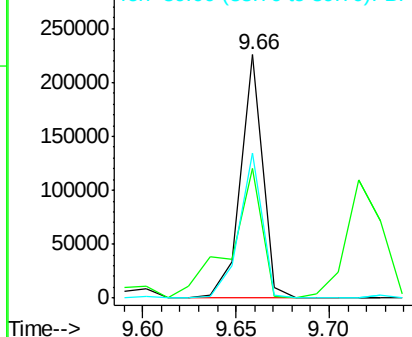
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

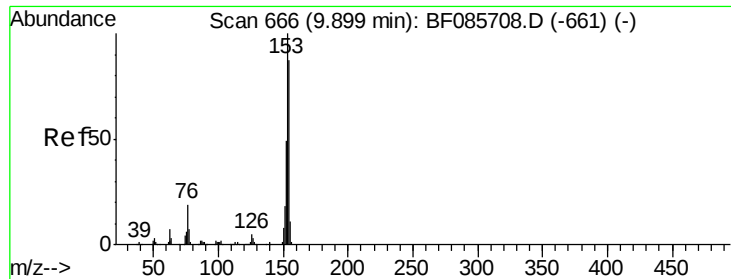


#50
2,6-Dinitrotoluene
Concen: 53.92 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	51.8	77.8
89	59.6	53.7	80.5

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





#51

Acenaphthene

Concen: 48.96 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085740.D

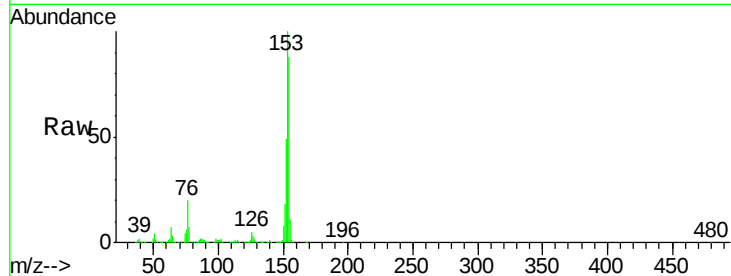
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

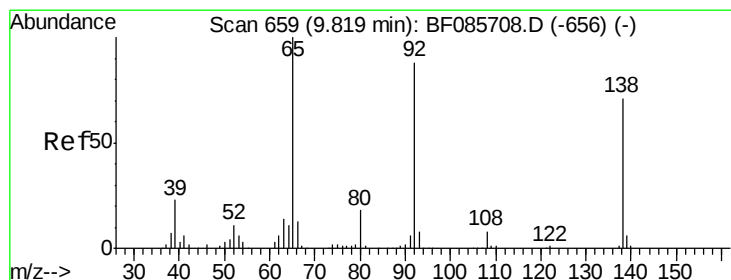
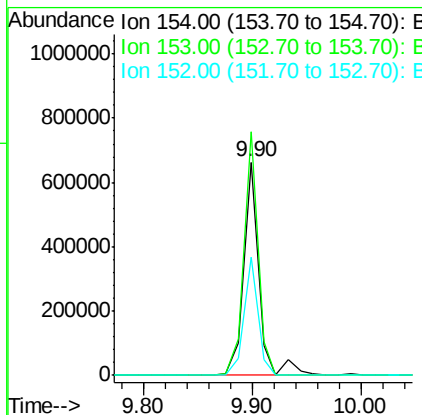
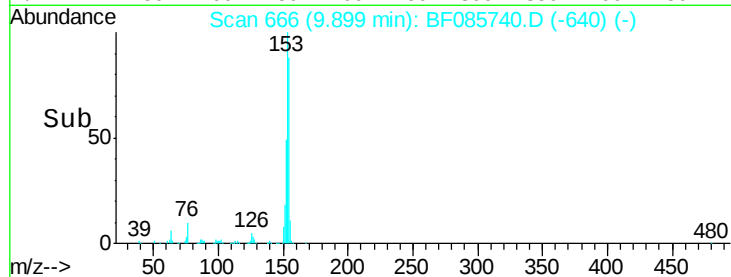
GW-01(13-15)MS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.1	135.1
152	55.4	44.2	66.2

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3/25/2016 3:04:39 PM



#52

3-Nitroaniline

Concen: 31.48 ng

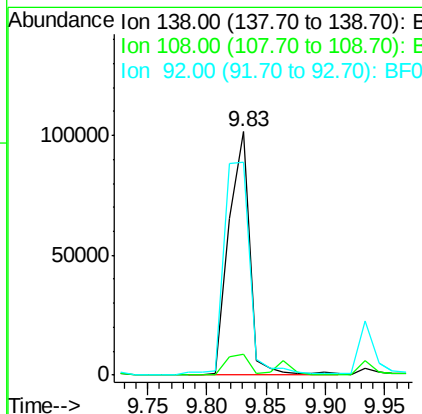
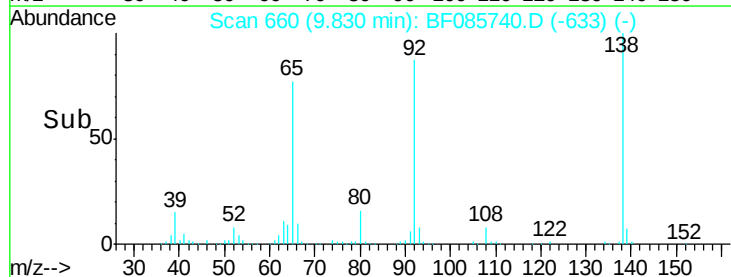
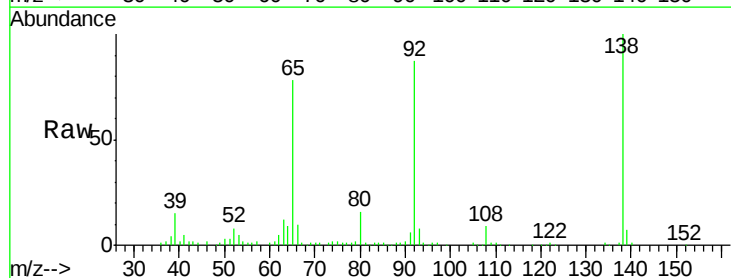
RT: 9.83 min Scan# 660

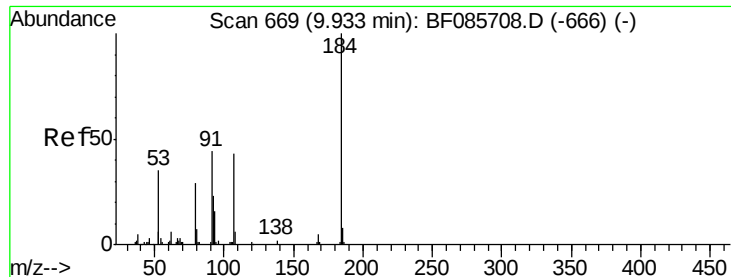
Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.7	13.1#
92	87.3	93.3	139.9#





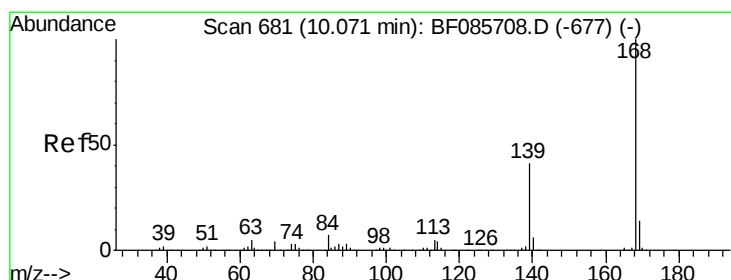
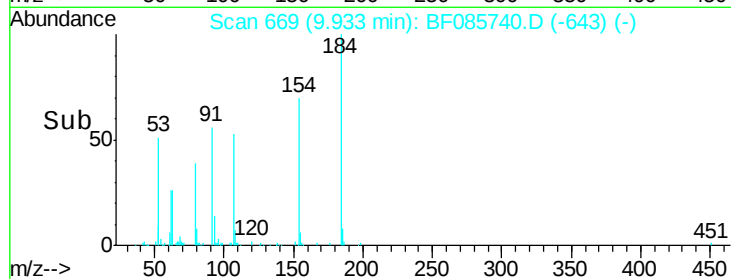
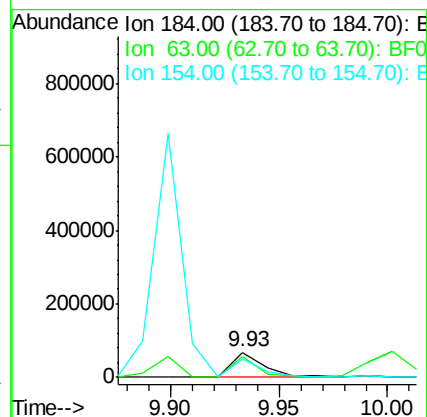
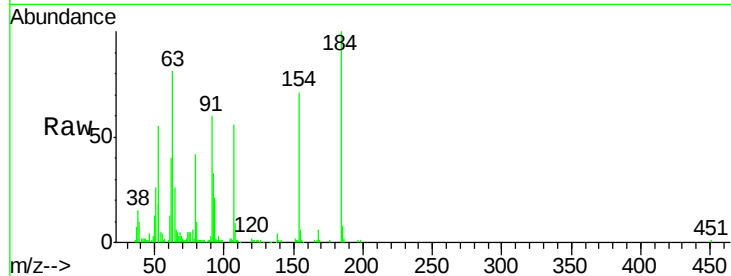
#53
2,4-Dinitrophenol
Concen: 43.62 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	70884		
63	81.2	69.5	104.3	
154	70.9	58.3	87.5	

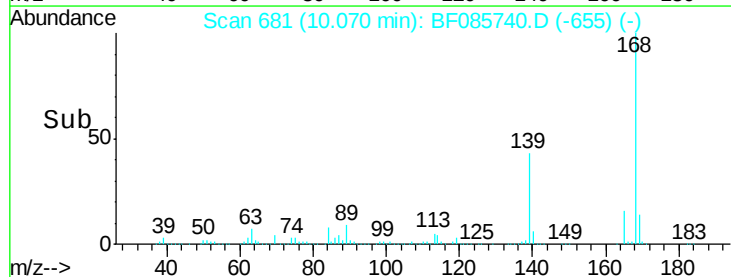
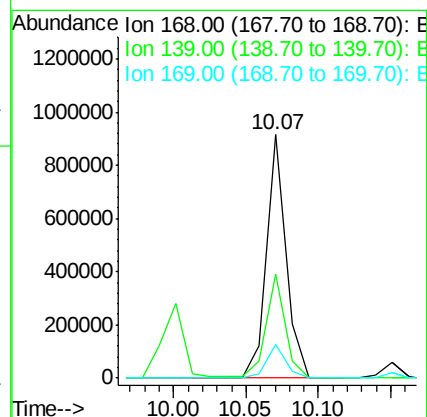
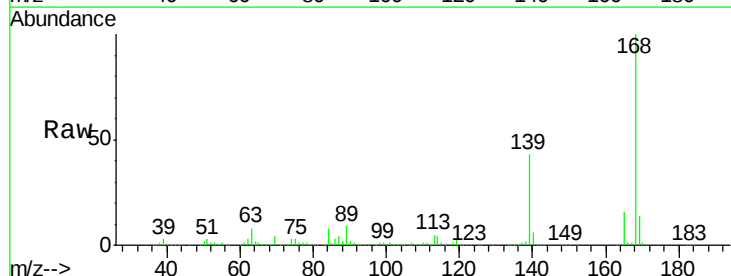
Manual Integrations
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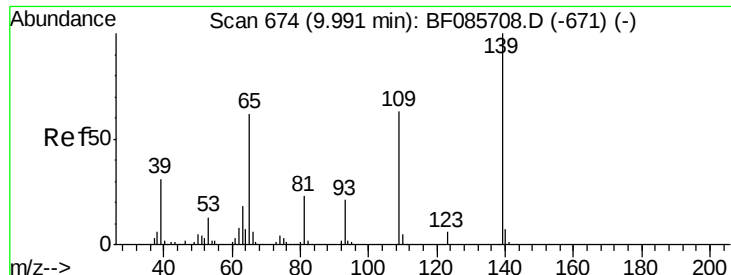
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#54
Dibenzofuran
Concen: 50.76 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	857586		
139	42.9	31.9	47.9	
169	13.9	11.0	16.6	





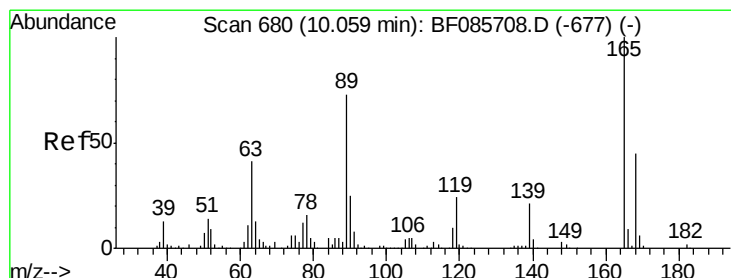
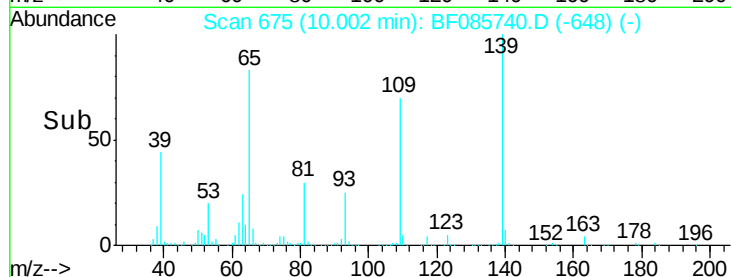
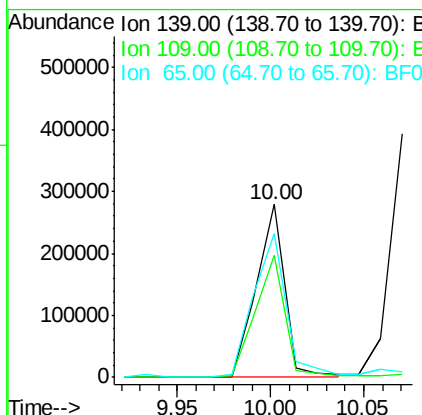
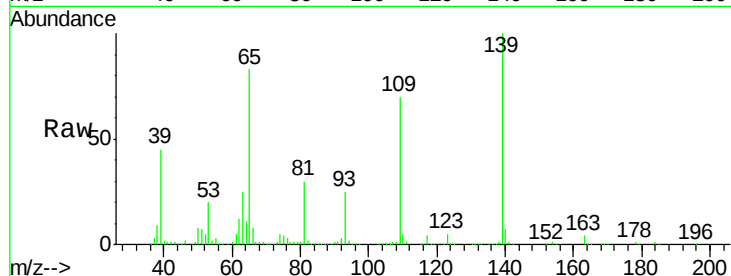
#55
4-Nitrophenol
Concen: 114.70 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	295230		
109	70.1	49.2	89.2	
65	83.0	66.9	106.9	

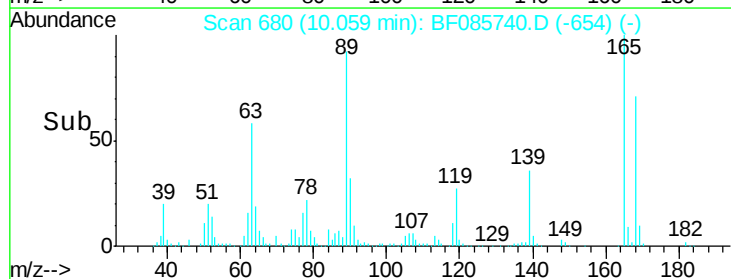
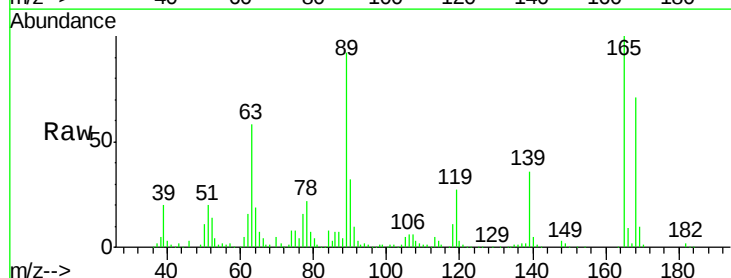
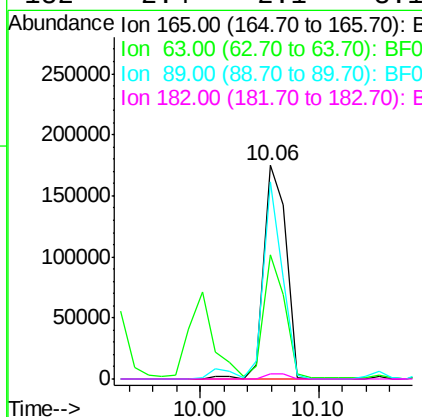
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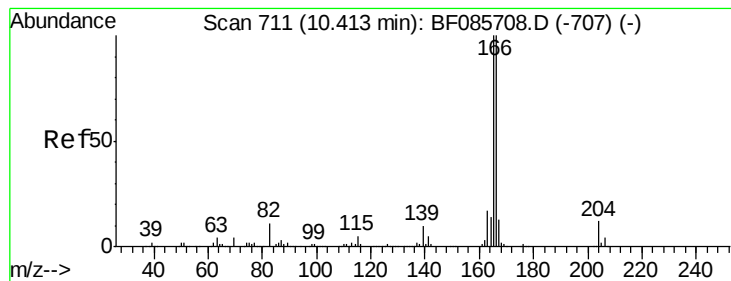
Sohil
3/25/2016 3:04:39 PM



#56
2,4-Dinitrotoluene
Concen: 52.50 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	230351		
63	58.2	24.9	37.3#	
89	92.4	41.0	61.6#	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 47.45 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

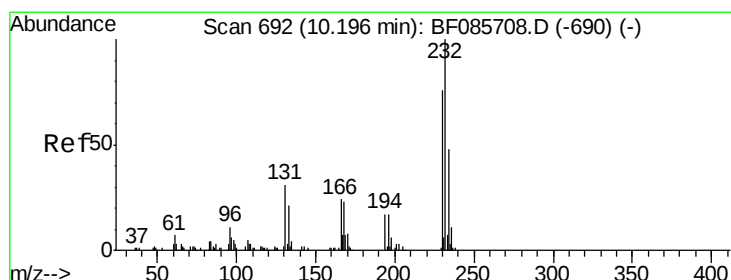
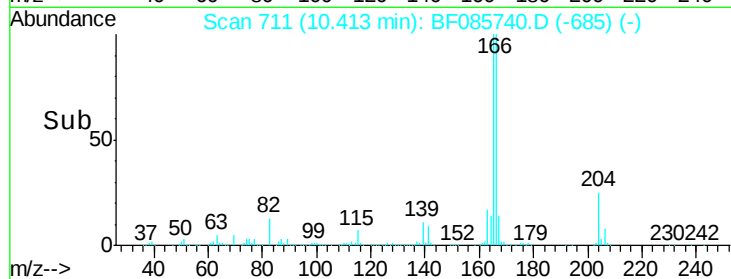
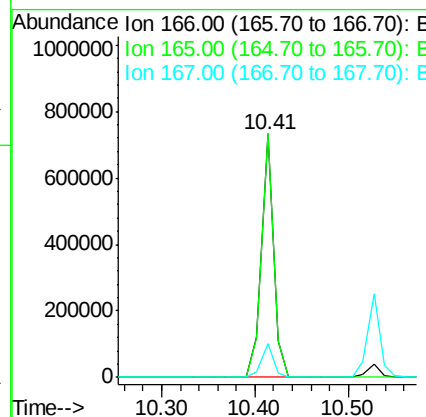
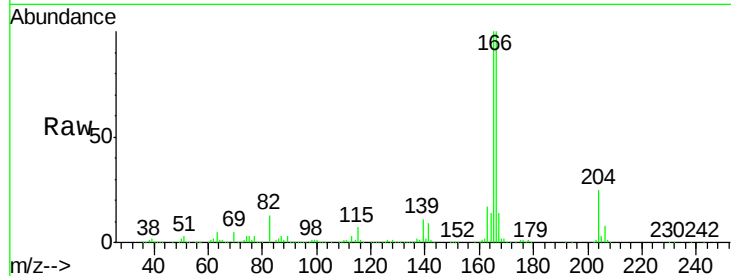
ClientSampleId :

GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	666442		
165	100.0	79.4	119.0	
167	14.0	11.0	16.4	

Manual Integrations
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3/25/2016 3:04:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.15 ng

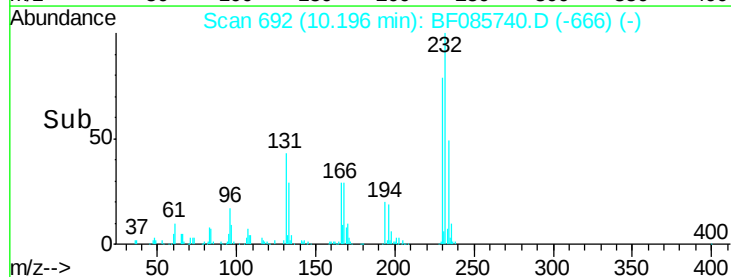
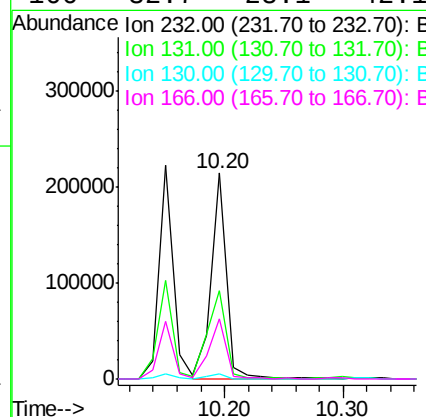
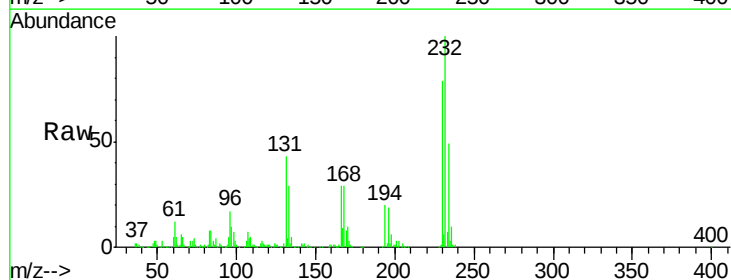
RT: 10.20 min Scan# 692

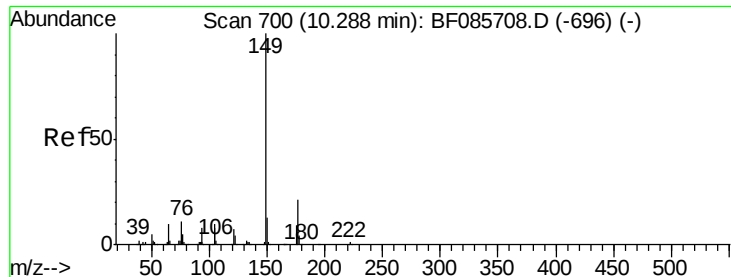
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	191777		
131	53.3	44.9	67.3	
130	2.9	2.3	3.5	
166	32.7	28.1	42.1	





#59

Diethylphthalate

Concen: 55.08 ng

RT: 10.30 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

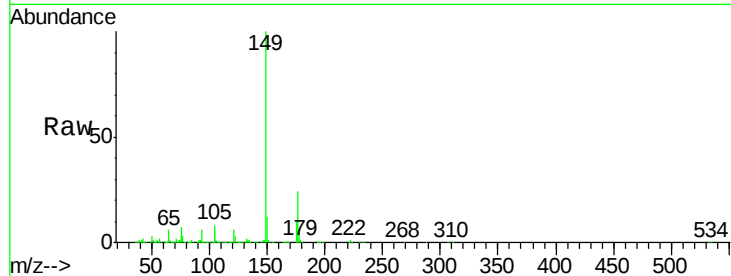
ClientSampleId :

GW-01(13-15)MS

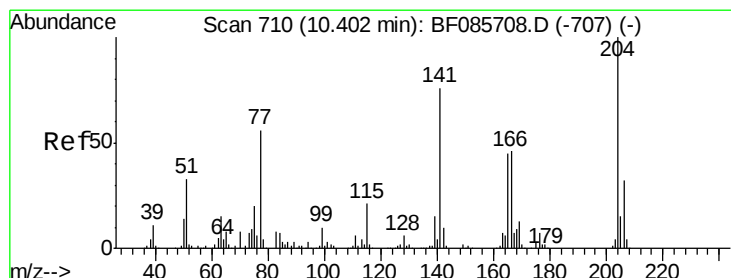
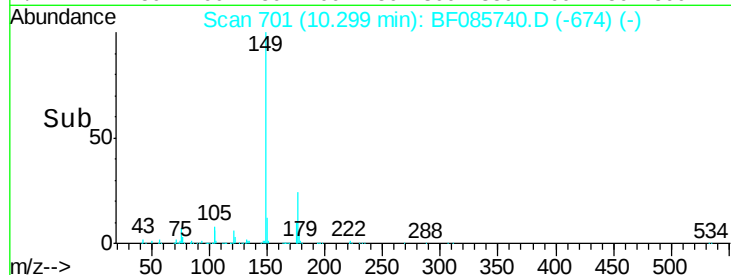
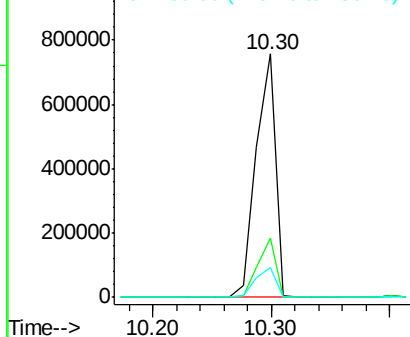
Tgt Ion:	149	Resp:	872602
Ion Ratio	Lower	Upper	
149	100		
177	24.1	17.9	26.9
150	12.4	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 46.65 ng

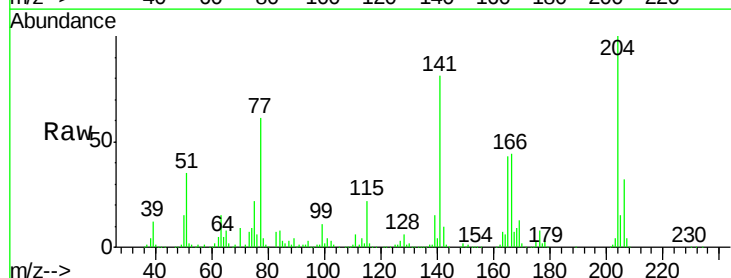
RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

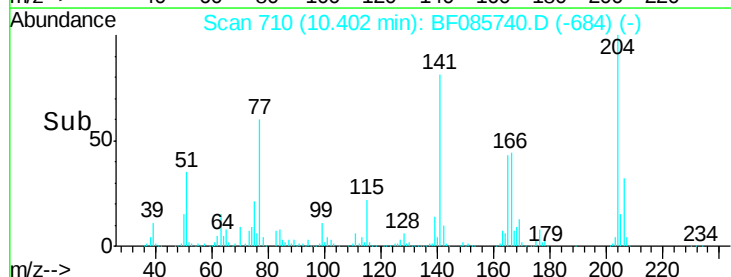
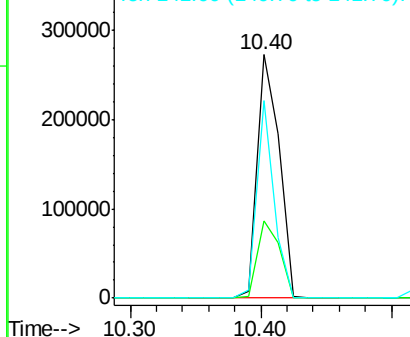
Lab File: BF085740.D

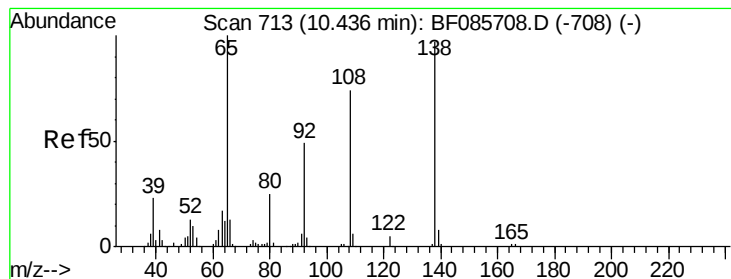
Acq: 25 Mar 2016 4:13

Tgt Ion:	204	Resp:	320328
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.6	39.8
141	80.9	57.4	86.0



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





#61

4-Nitroaniline

Concen: 56.32 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF085740.D

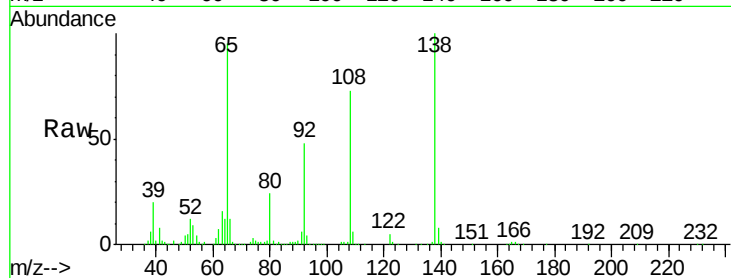
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MS



Tgt Ion: 138 Resp: 212825

Ion Ratio Lower Upper

138 100

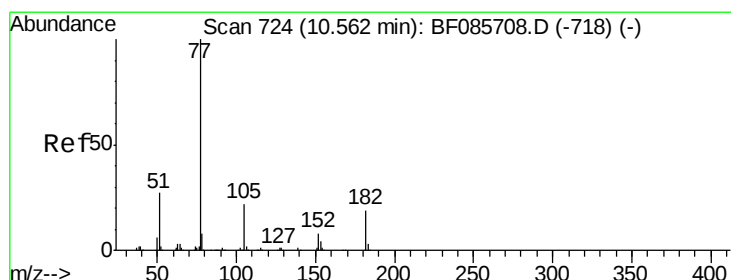
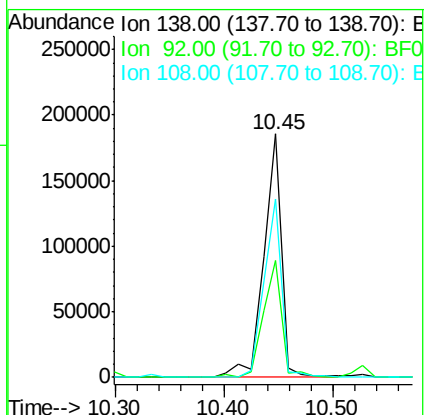
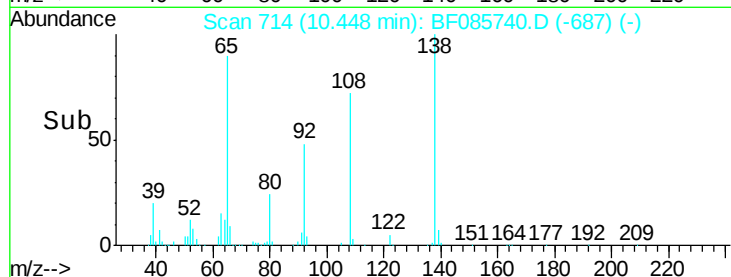
92 48.0 26.4 66.4

108 73.2 49.0 89.0

Manual Integrations
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3/25/2016 3:04:39 PM



#62

Azobenzene

Concen: 53.82 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion: 77 Resp: 819407

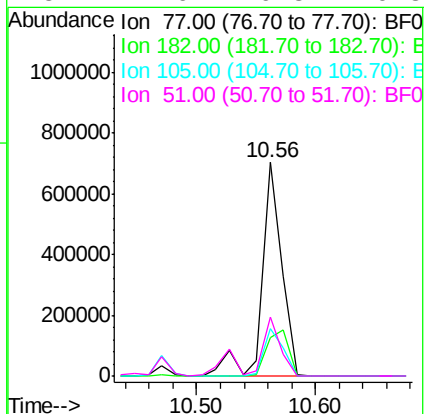
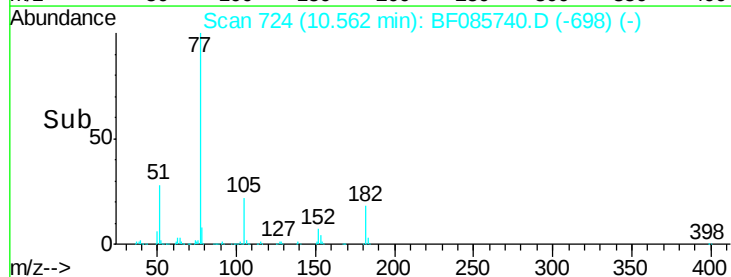
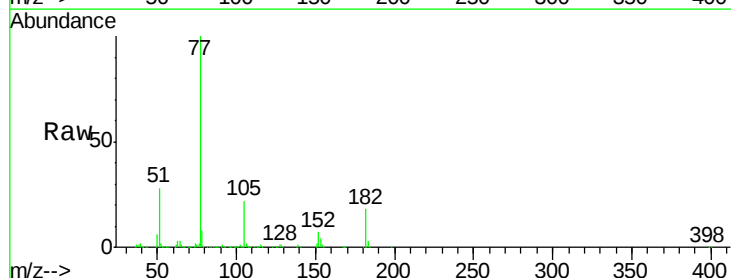
Ion Ratio Lower Upper

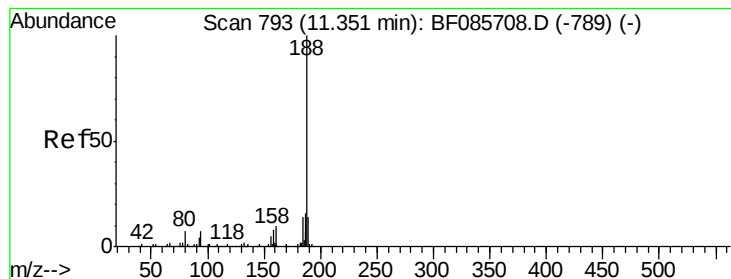
77 100

182 18.1 1.9 41.9

105 22.4 3.5 43.5

51 27.6 6.3 46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

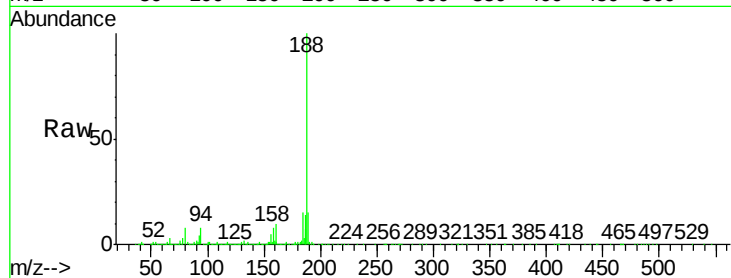
ClientSampleId :

GW-01(13-15)MS

Tgt	Ion:188	Resp:	413044
Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.4	8.0#
80	8.3	5.5	8.3#

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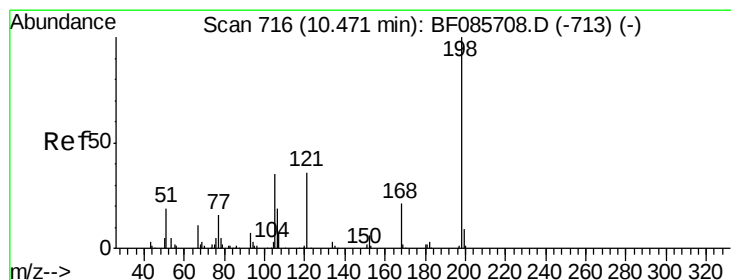
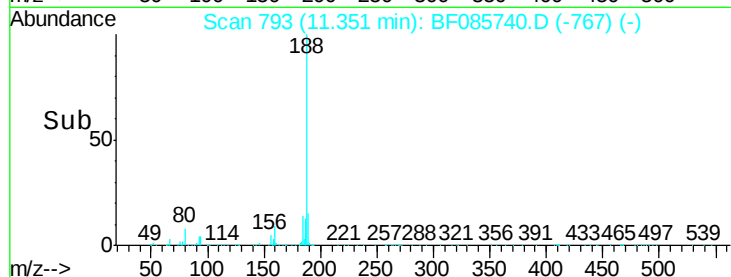
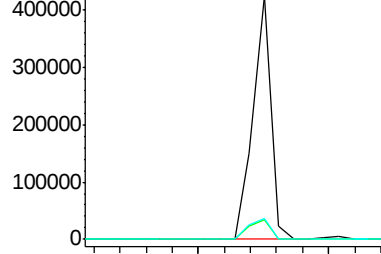
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.10 ng

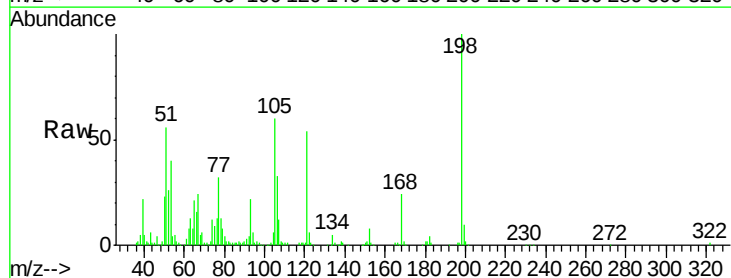
RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

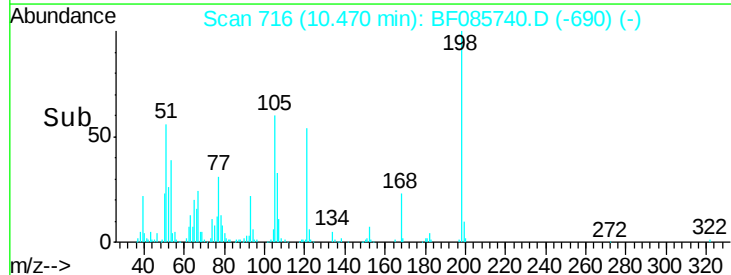
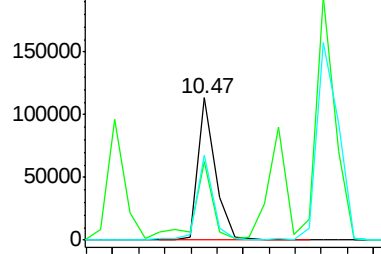
Tgt	Ion:198	Resp:	106675
Ion	Ratio	Lower	Upper
198	100		
51	55.7	45.4	85.4
105	59.7	45.9	85.9

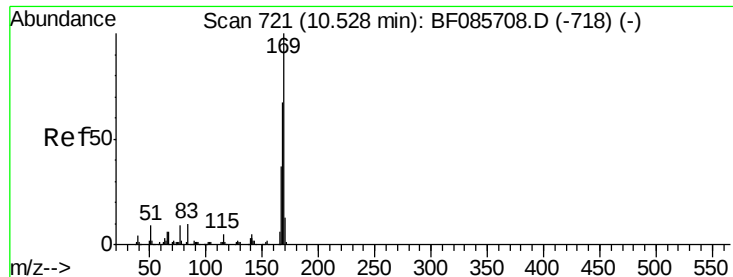


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.81 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

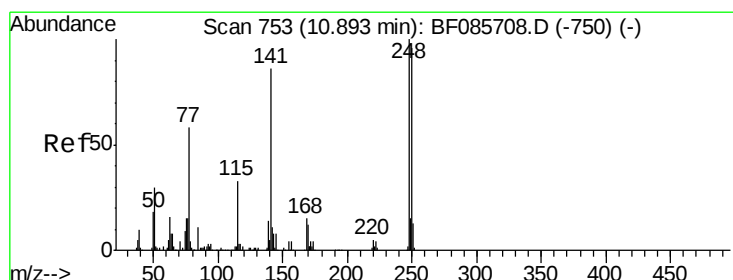
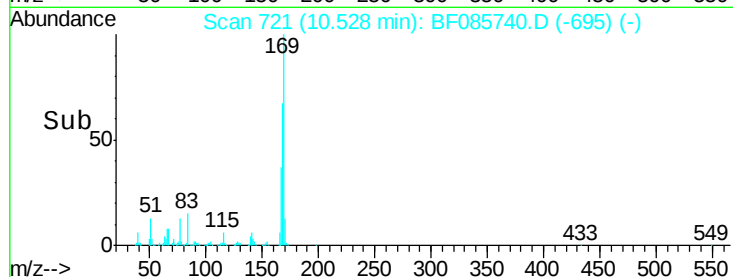
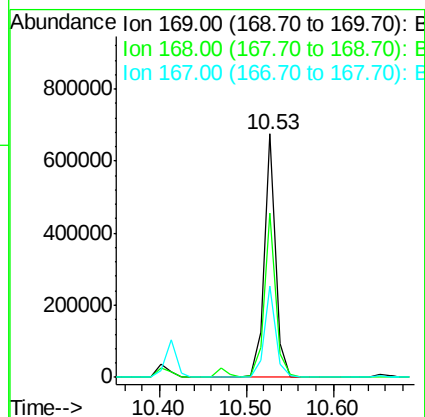
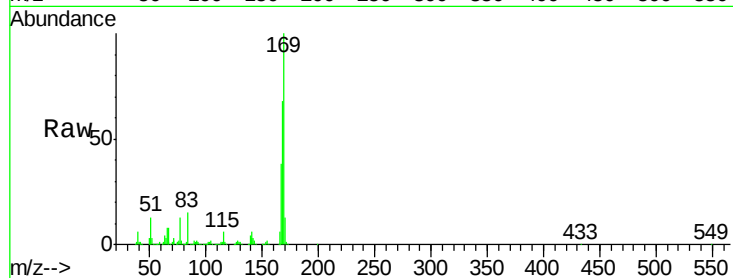
ClientSampleId :

GW-01(13-15)MS

Tgt Ion:	169	Resp:	625490
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.4	81.6
167	37.5	29.4	44.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 48.00 ng

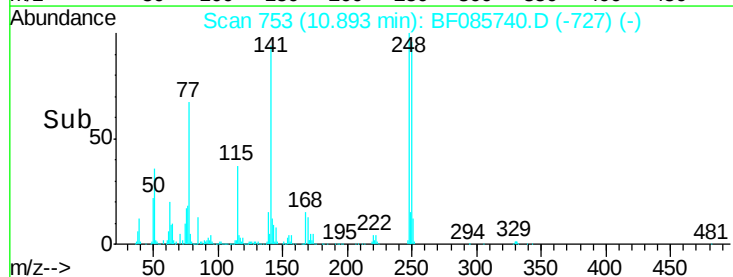
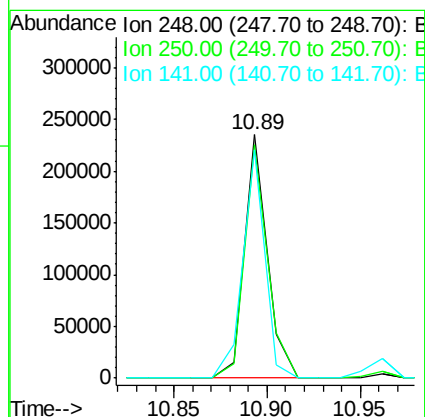
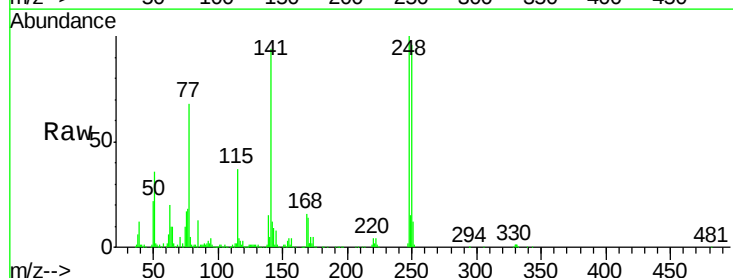
RT: 10.89 min Scan# 753

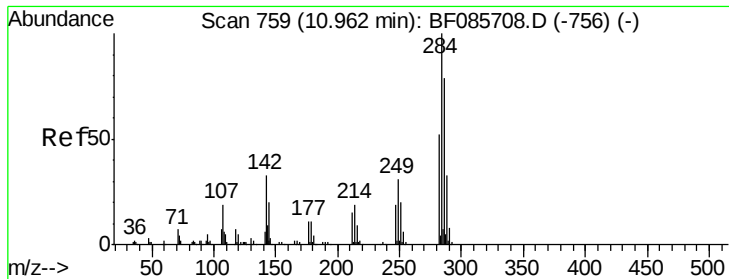
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion:	248	Resp:	202851
Ion Ratio	Lower	Upper	
248	100		
250	95.6	77.4	116.0
141	93.9	63.6	95.4





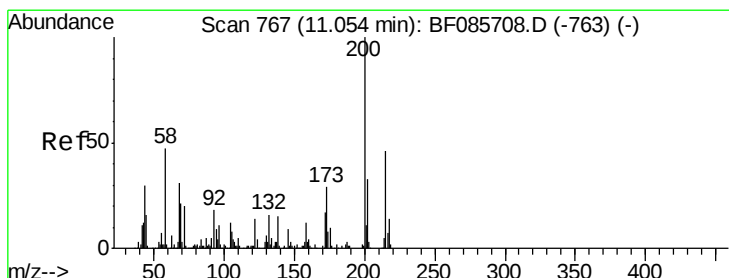
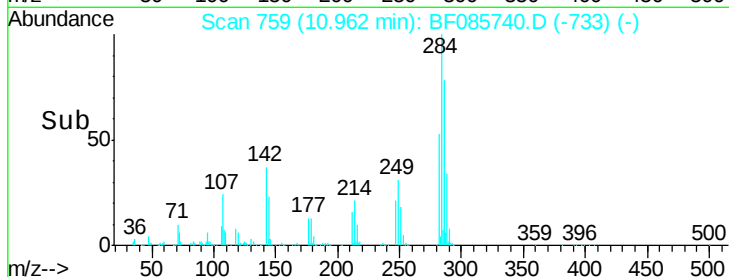
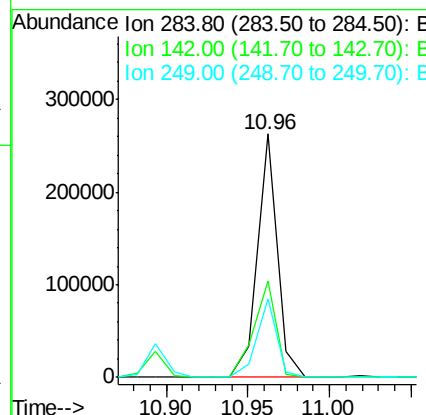
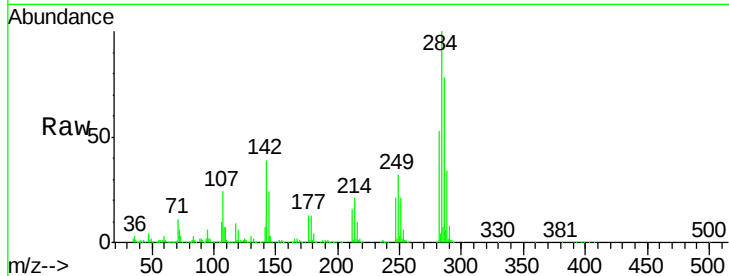
#67
Hexachlorobenzene
Concen: 50.72 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	39.4	23.1	34.7#
249	32.4	24.2	36.2

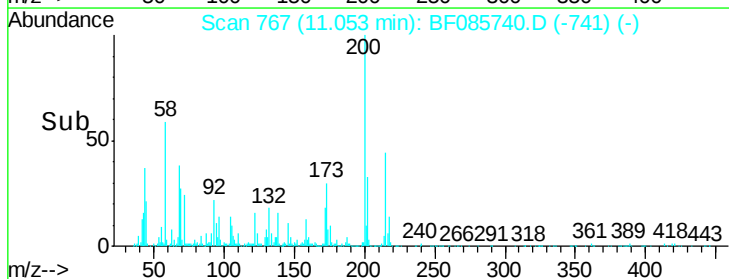
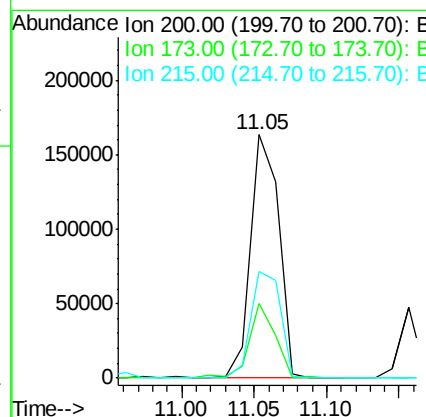
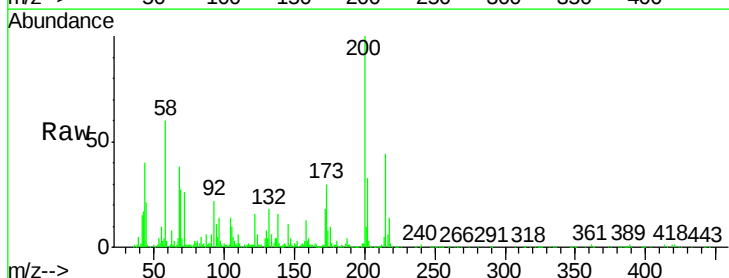
Manual Integrations
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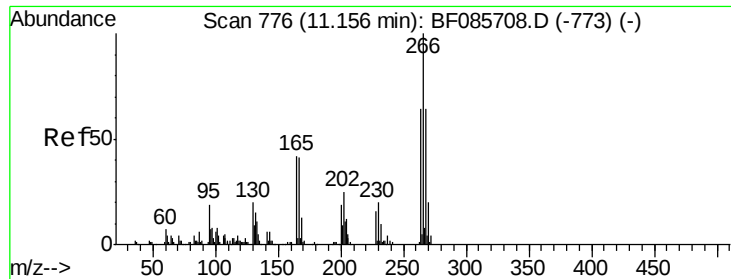
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3/25/2016 3:04:39 PM



#68
Atrazine
Concen: 49.97 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.4	7.7	47.7
215	44.0	25.4	65.4





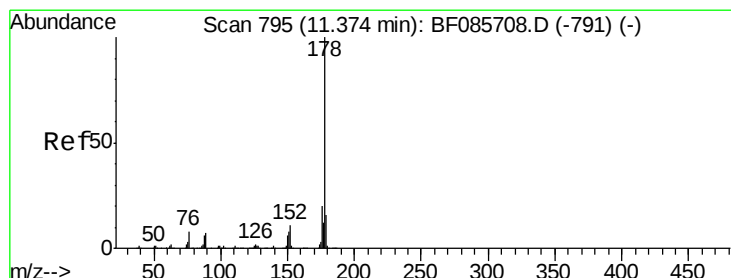
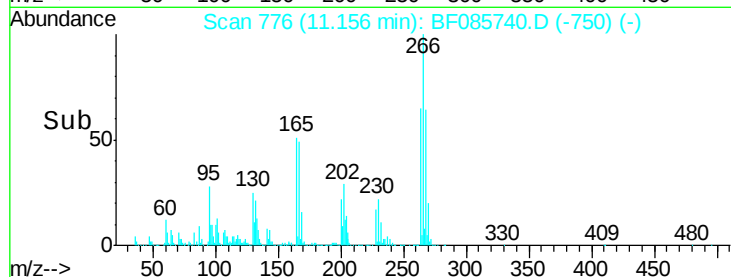
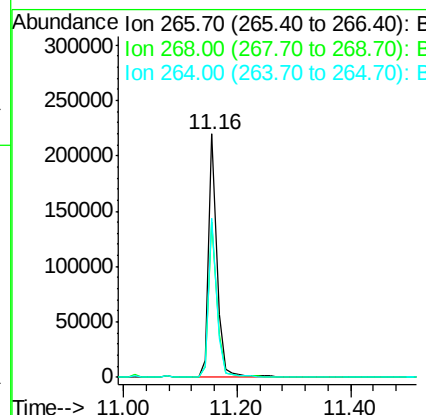
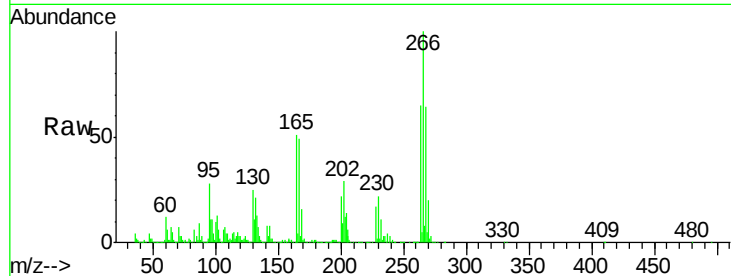
#69
 Pentachlorophenol
 Concen: 101.08 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	219291		
268	63.7	51.5	77.3	
264	65.1	50.6	76.0	

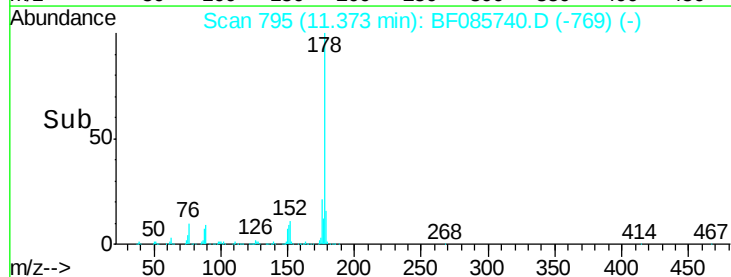
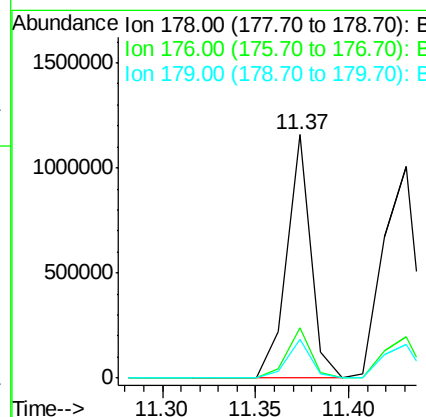
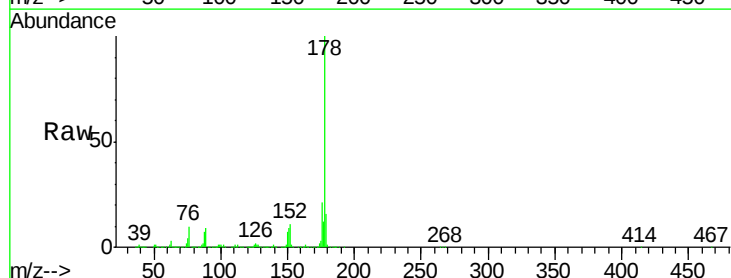
Manual Integrations
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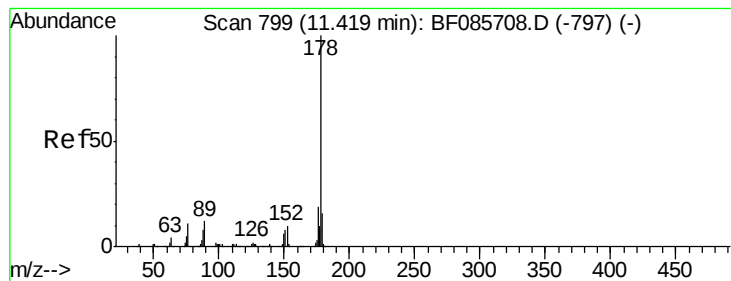
Sohil
 3/25/2016 3:04:39 PM



#70
 Phenanthrene
 Concen: 48.89 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1036910		
176	20.5	16.3	24.5	
179	15.9	12.6	18.8	





#71

Anthracene

Concen: 53.22 ng

RT: 11.43 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MS

Tgt Ion:178 Resp: 1185038

Ion Ratio Lower Upper

178 100

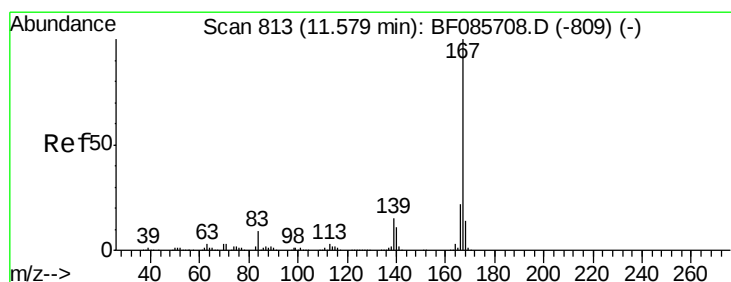
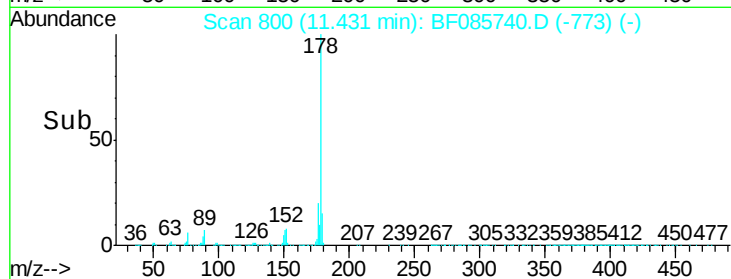
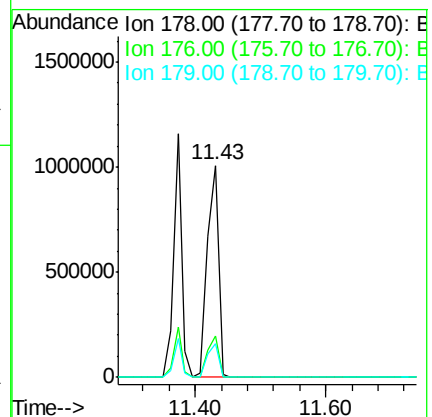
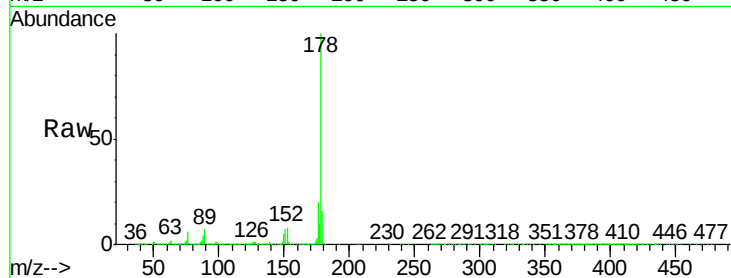
176 19.8 15.9 23.9

179 15.6 13.0 19.4

Manual Integrations
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3/25/2016 3:04:39 PM



#72

Carbazole

Concen: 47.94 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

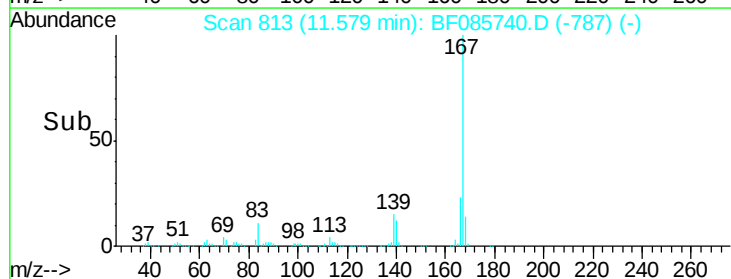
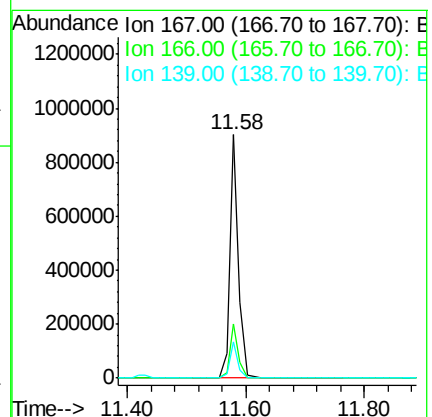
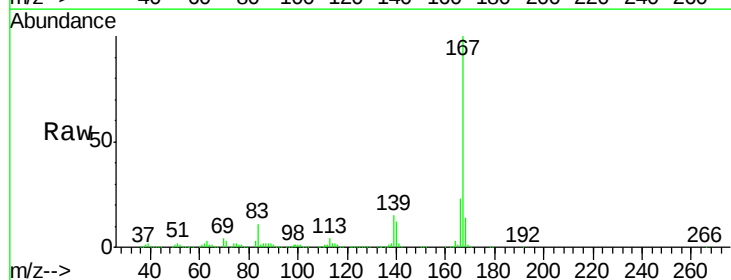
Tgt Ion:167 Resp: 896172

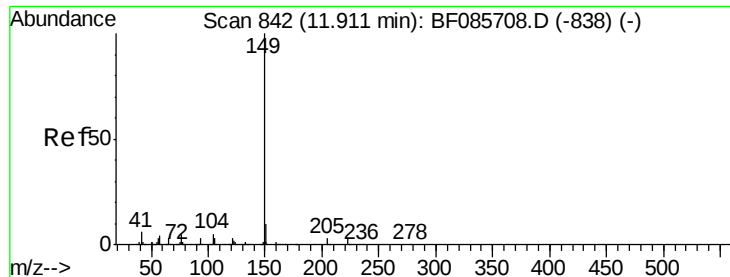
Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.8

139 15.2 11.6 17.4





#73

Di-n-butylphthalate

Concen: 46.46 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MS

Tgt Ion:149 Resp: 1191770

Ion Ratio Lower Upper

149 100

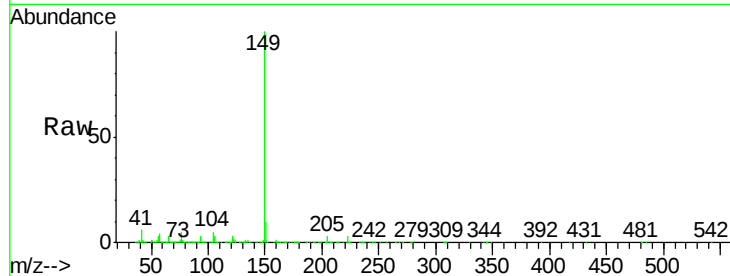
150 9.6 7.6 11.4

104 5.2 3.8 5.8

Manual Integrations
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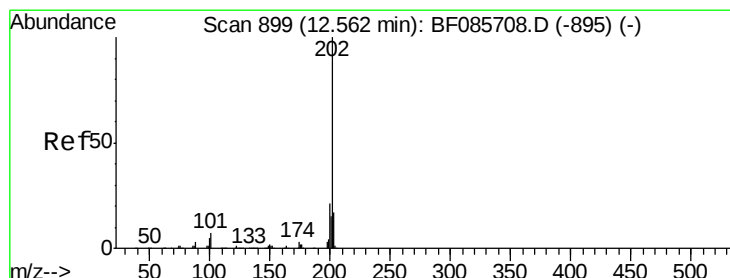
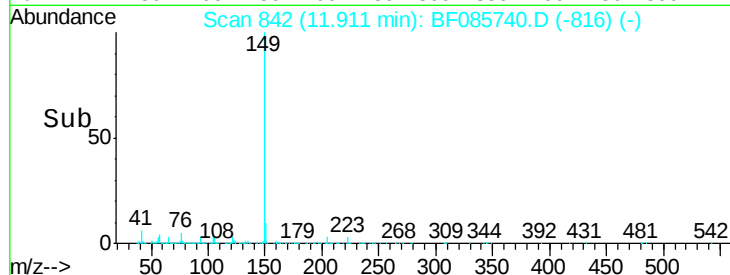
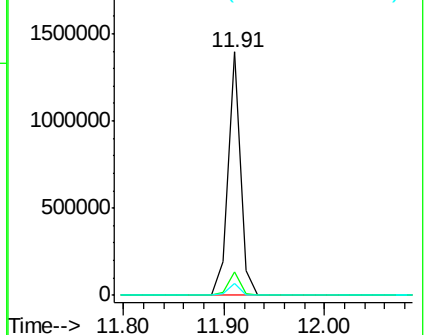
3/25/2016 3:04:39 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.42 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

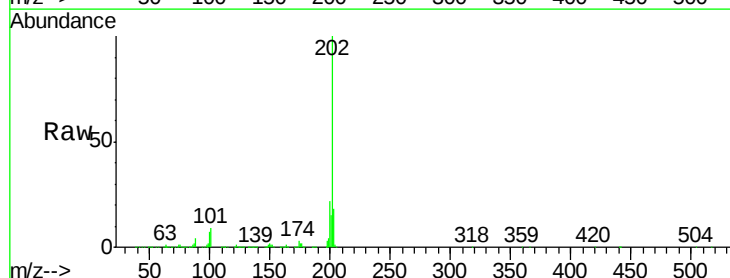
Tgt Ion:202 Resp: 1159140

Ion Ratio Lower Upper

202 100

101 9.5 0.0 36.6

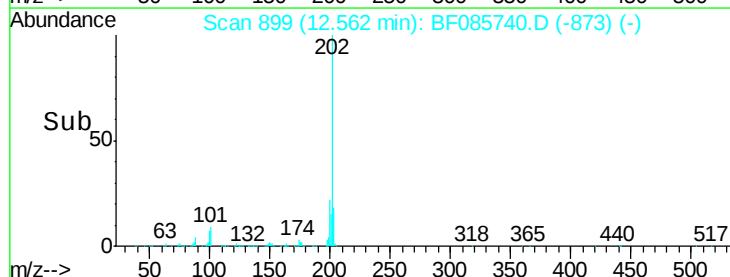
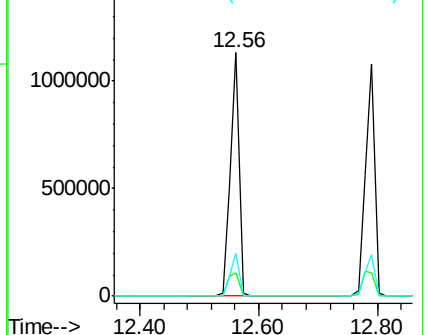
203 17.7 0.0 38.1

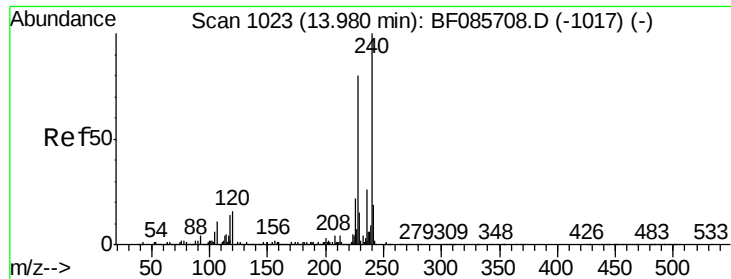


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





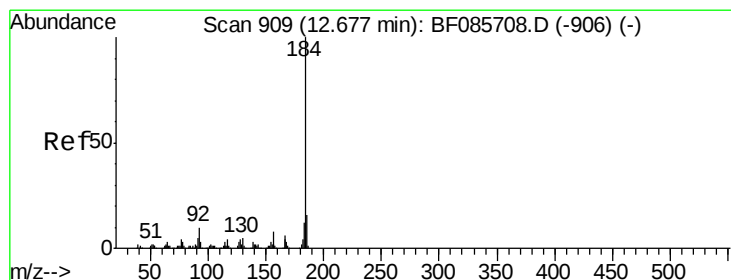
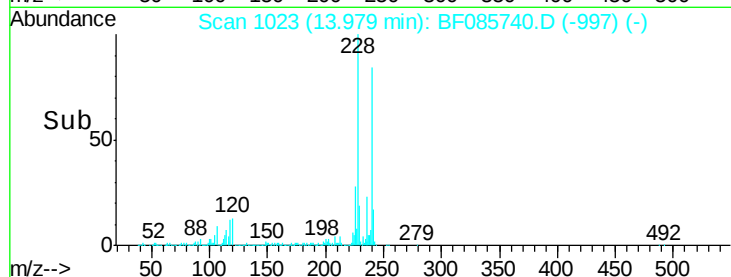
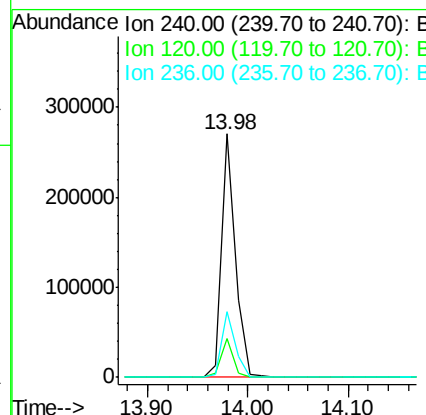
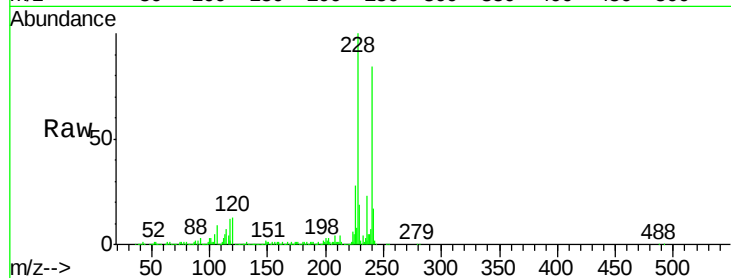
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	258975		
120	16.0	13.8	20.8	
236	26.9	20.6	30.8	

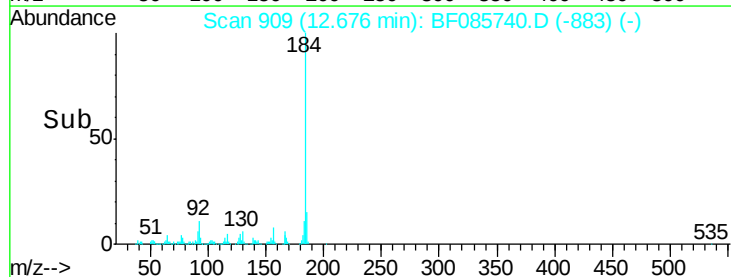
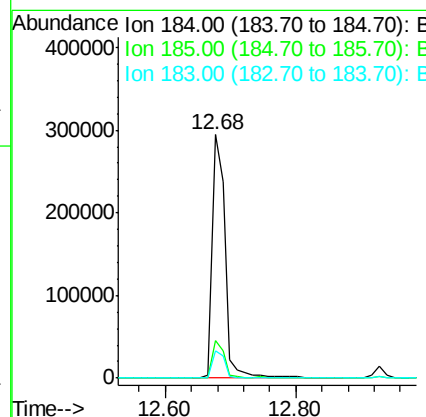
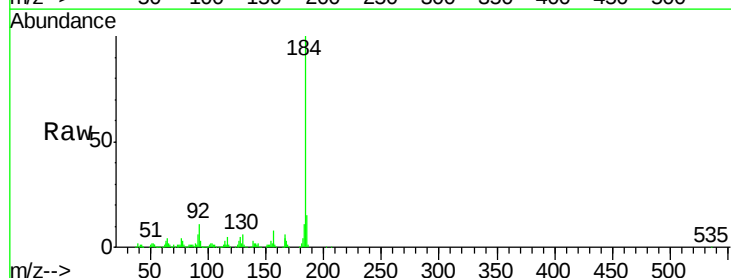
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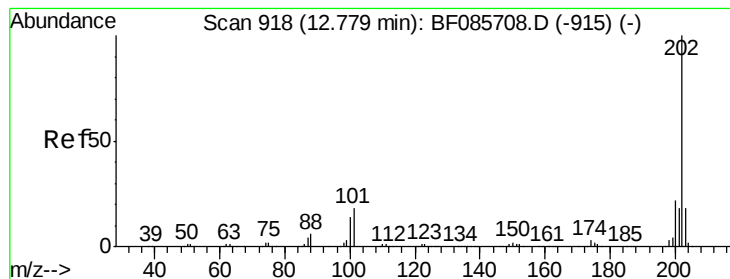
Sohil
3/25/2016 3:04:39 PM



#76
Benzidine
Concen: 44.87 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	409268		
185	15.2	12.4	18.6	
183	11.3	9.4	14.2	





#77

Pyrene

Concen: 54.55 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085740.D

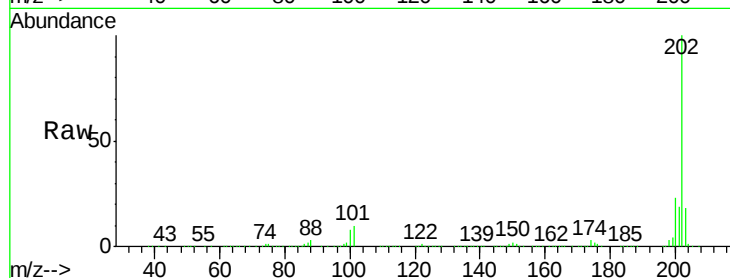
Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

ClientSampleId :

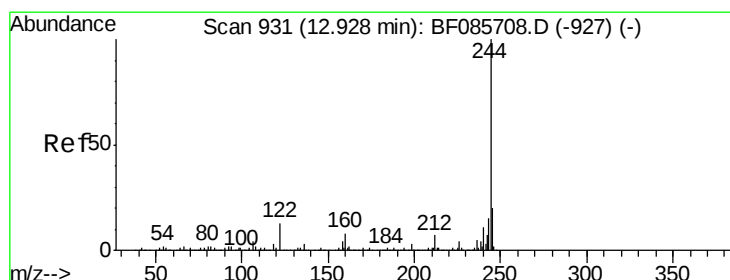
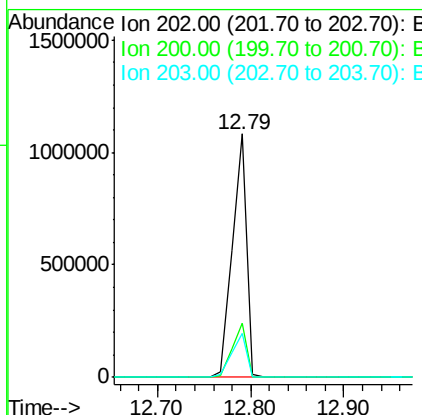
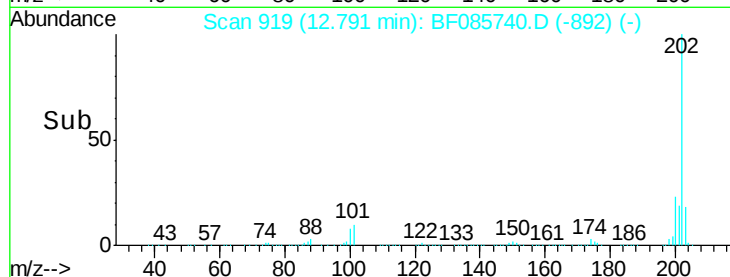
GW-01(13-15)MS



Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	17.8	14.0	21.0

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3/25/2016 3:04:39 PM



#78

Terphenyl-d14

Concen: 86.62 ng

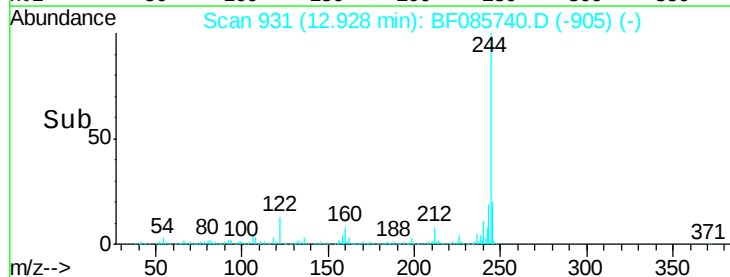
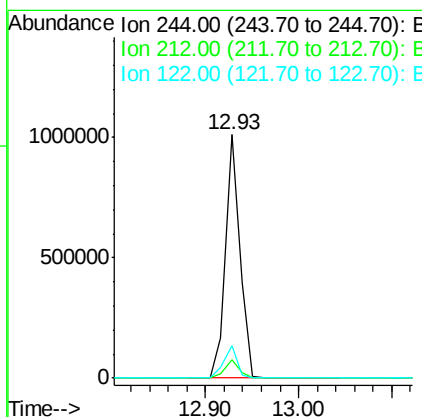
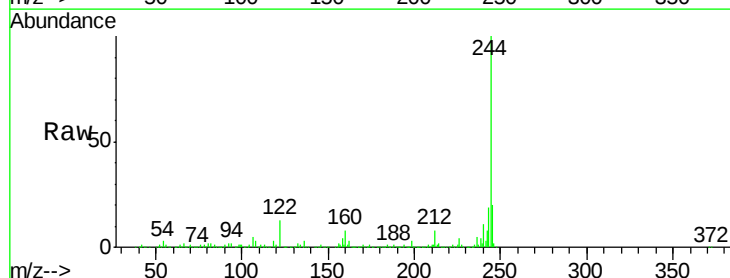
RT: 12.93 min Scan# 931

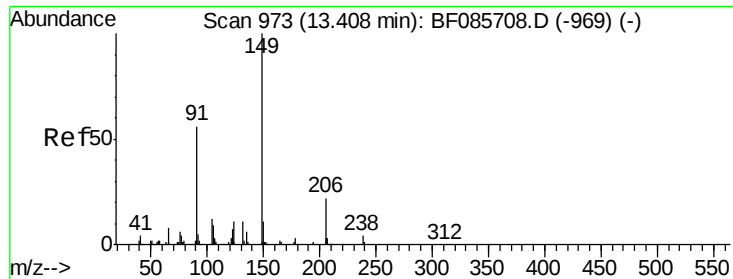
Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.3	10.2	15.4





#79

Butylbenzylphthalate

Concen: 56.93 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

Instrument :

BNA_F

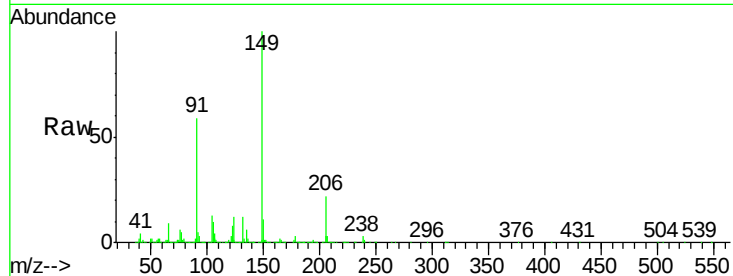
ClientSampleId :

GW-01(13-15)MS

Tgt	Ion	149	Resp	507556
Ion	Ratio	Lower	Upper	
149	100			
91	59.3	45.8	68.8	
206	21.7	17.8	26.8	

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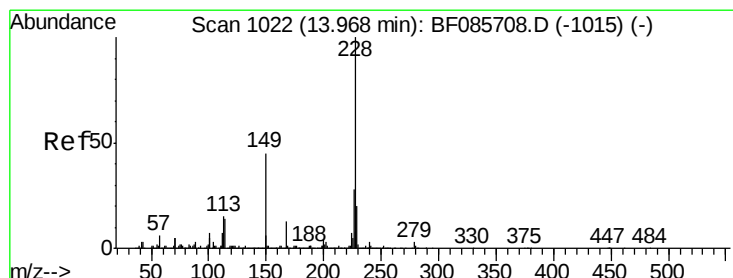
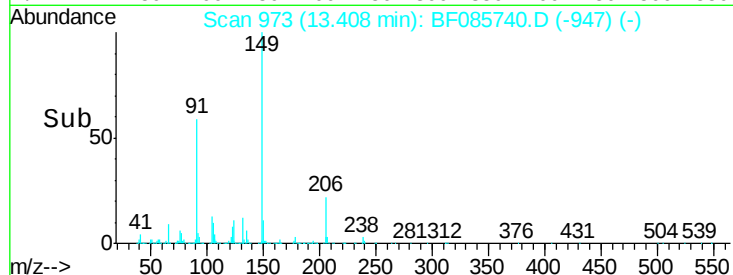
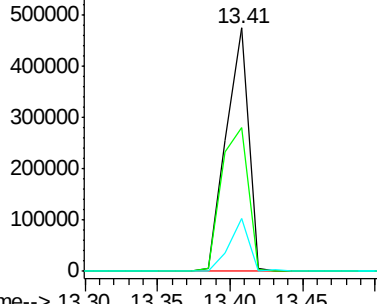
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.16 ng

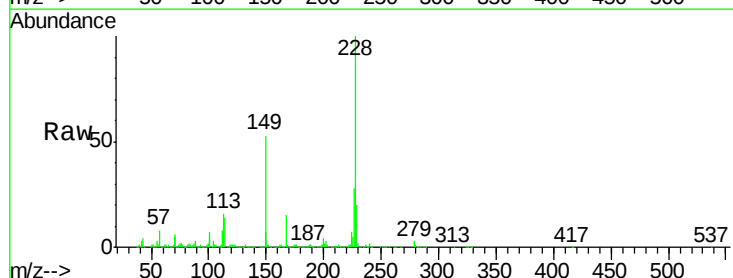
RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085740.D

Acq: 25 Mar 2016 4:13

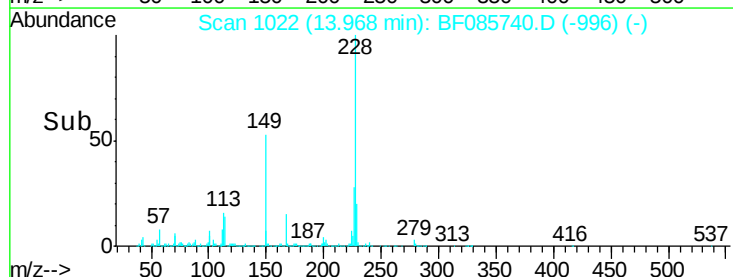
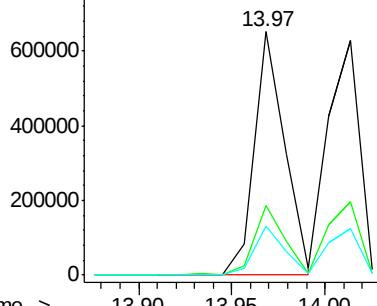
Tgt	Ion	228	Resp	740753
Ion	Ratio	Lower	Upper	
228	100			
226	28.4	22.1	33.1	
229	20.4	16.2	24.4	

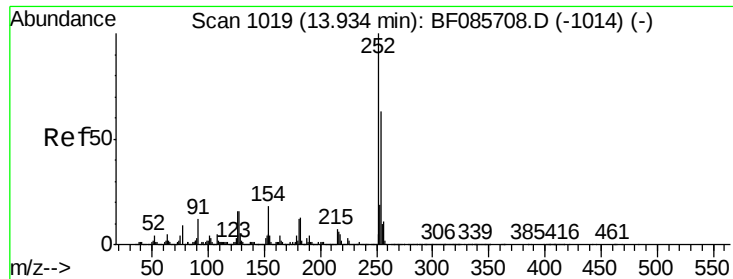


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





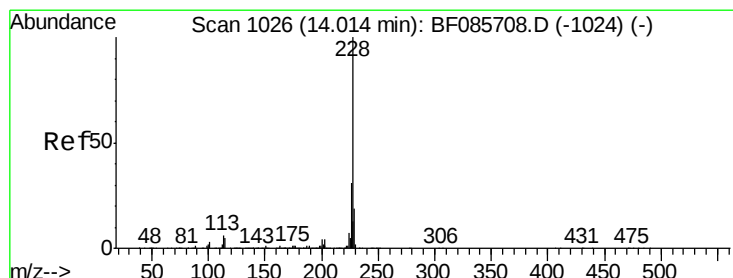
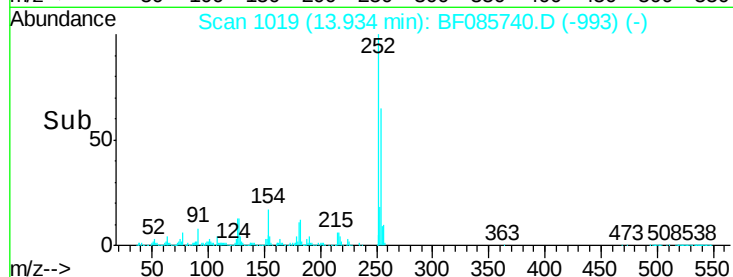
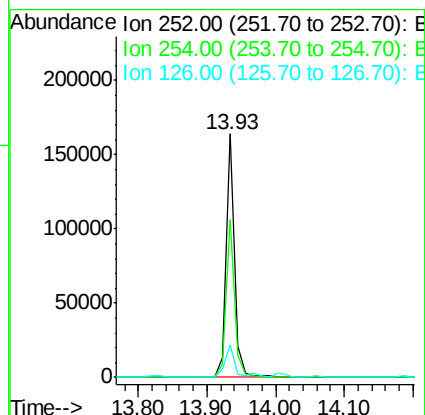
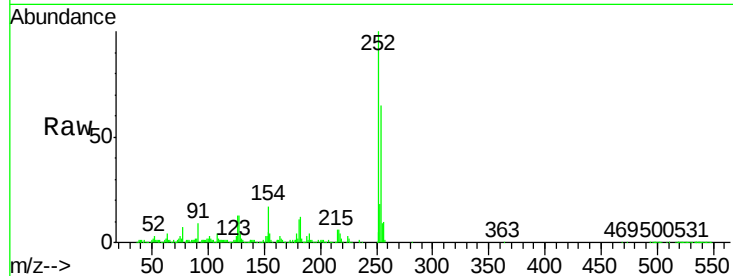
#81
 3,3'-Dichlorobenzidine
 Concen: 13.97 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	50.7	76.1
126	13.2	11.8	17.6

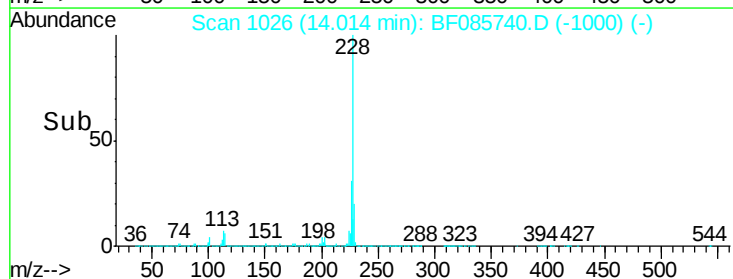
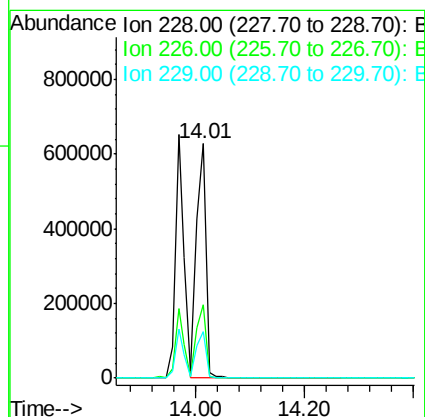
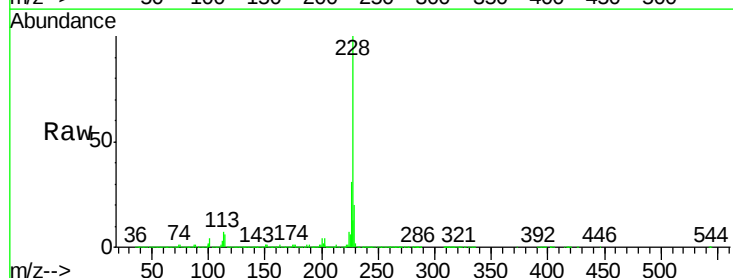
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#82
 Chrysene
 Concen: 50.58 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	25.0	37.6
229	19.8	15.7	23.5





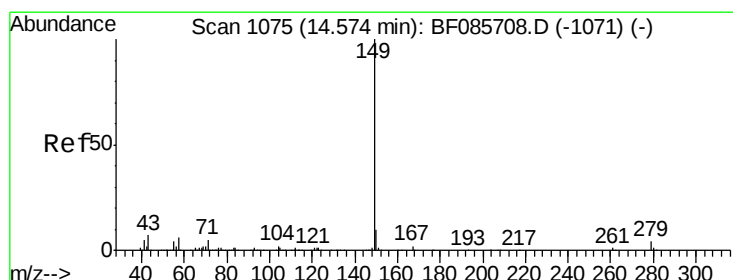
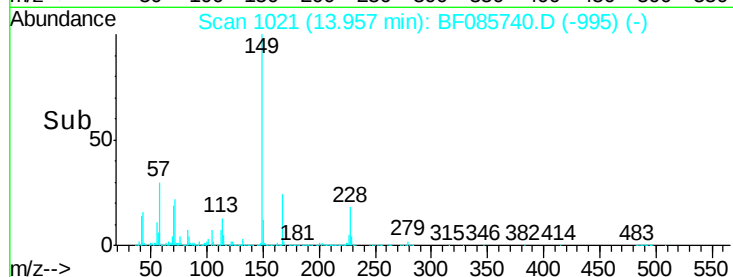
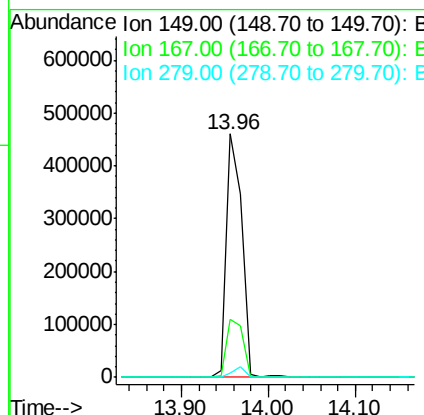
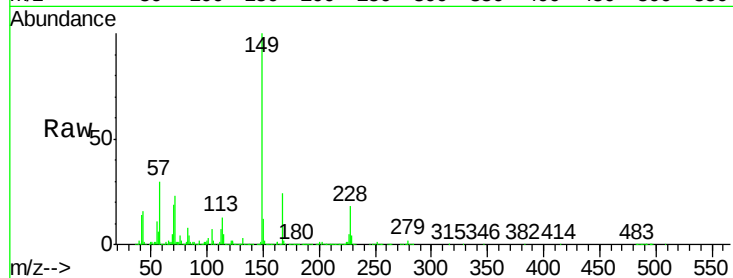
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.75 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	23.9	19.4	29.2
279	1.9	1.5	2.3

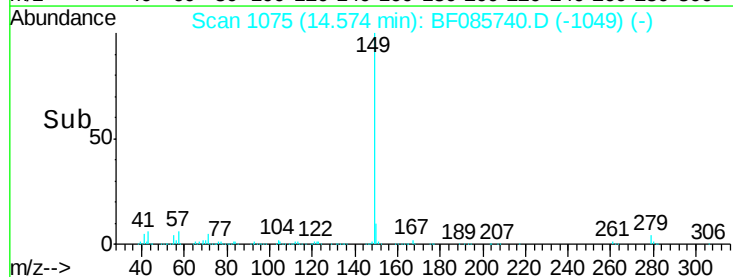
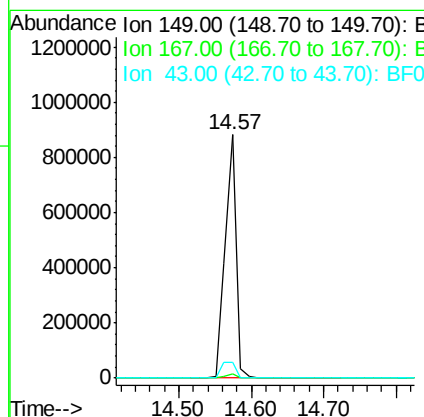
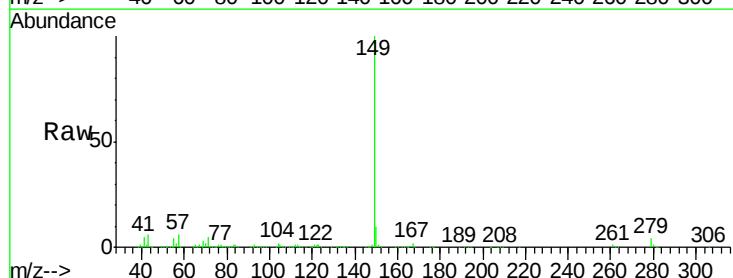
Manual Integrations
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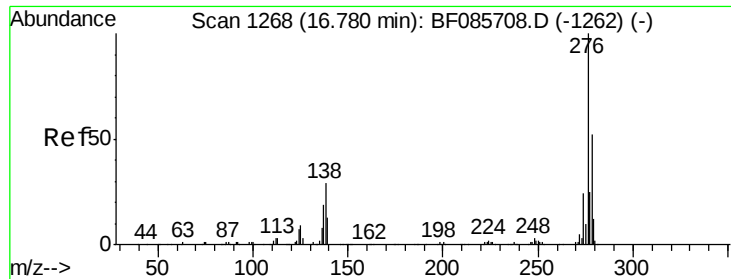
Sohil
 3/25/2016 3:04:39 PM



#84
 Di-n-octyl phthalate
 Concen: 58.33 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.4	7.1	10.7





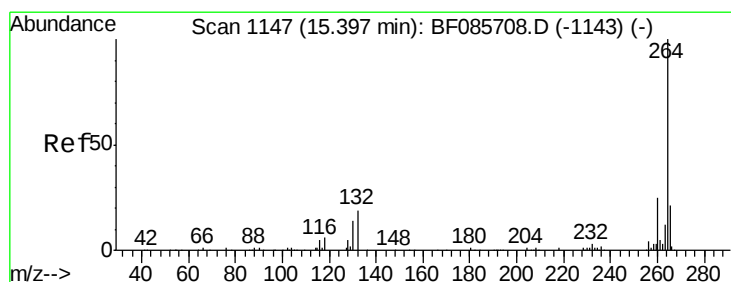
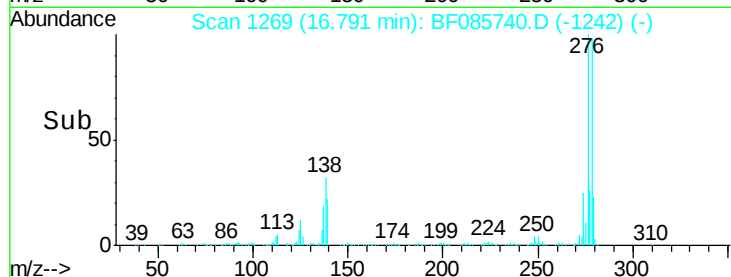
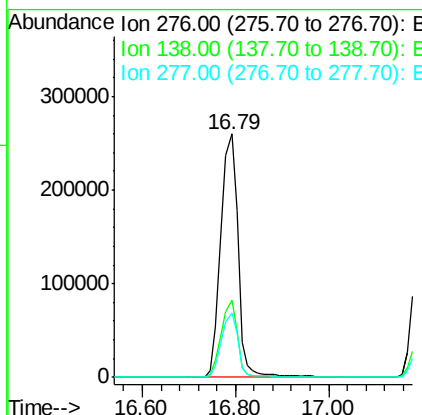
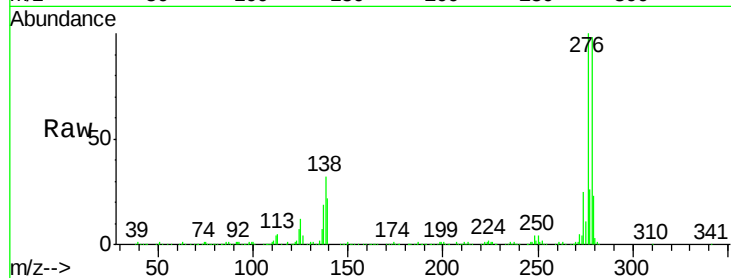
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.12 ng
RT: 16.79 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.2	36.4
277	25.4	20.0	30.0

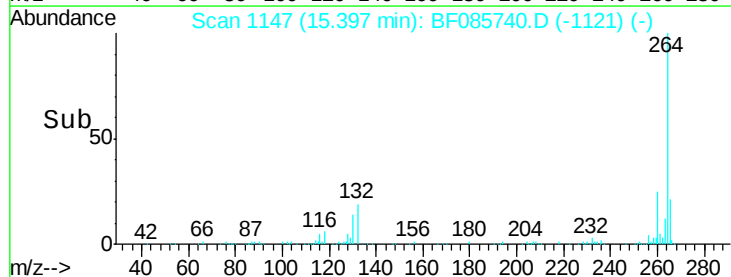
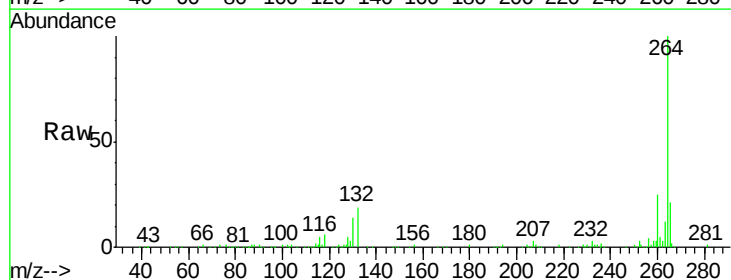
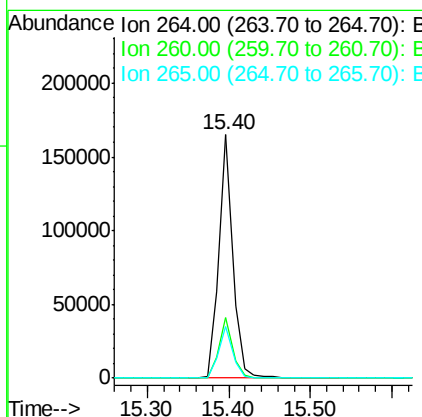
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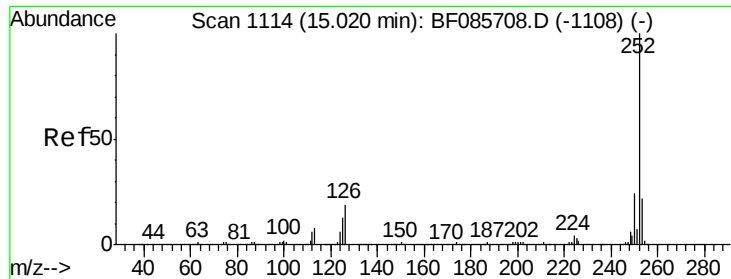
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.4	17.2	25.8





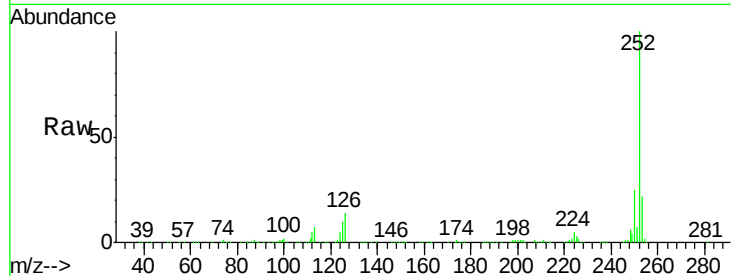
#87
Benzo(b)fluoranthene
Concen: 52.32 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

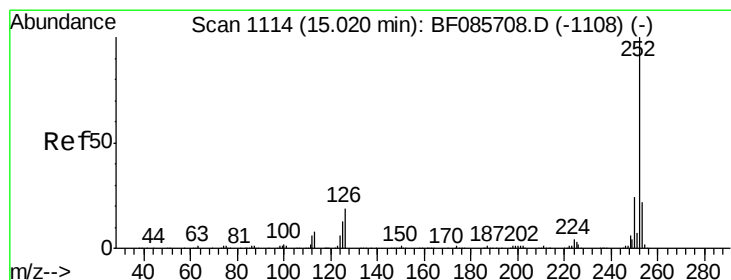
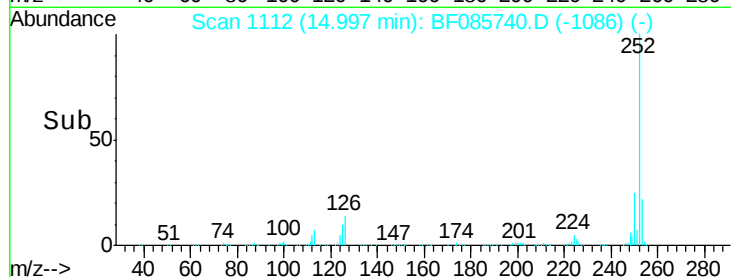
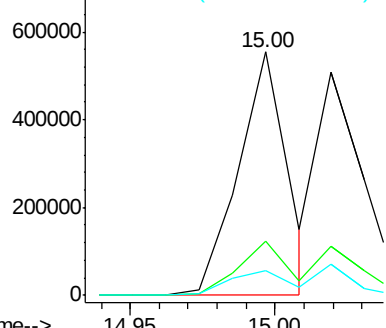
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.3	10.3	15.5

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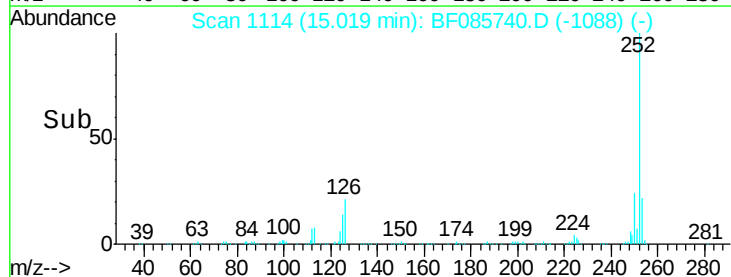
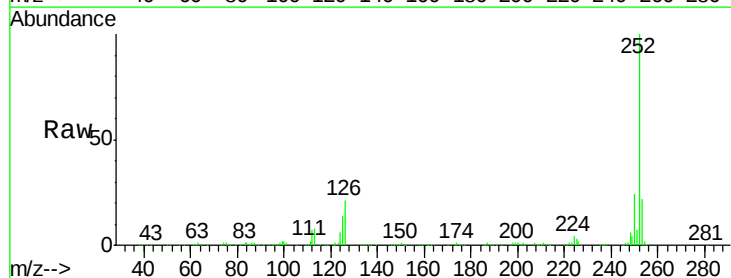
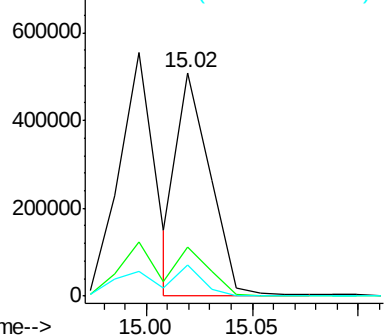
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

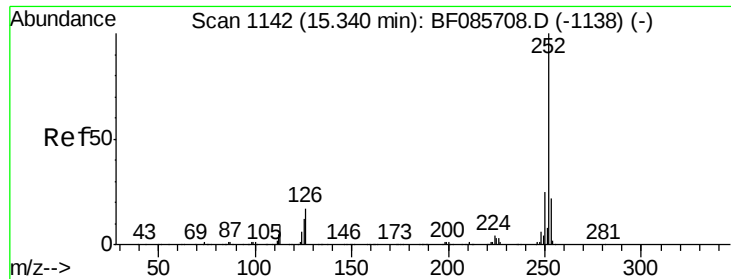


#88
Benzo(k)fluoranthene
Concen: 49.70 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.9	7.7	11.5#

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





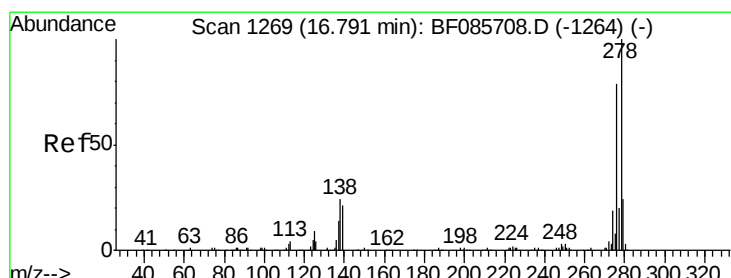
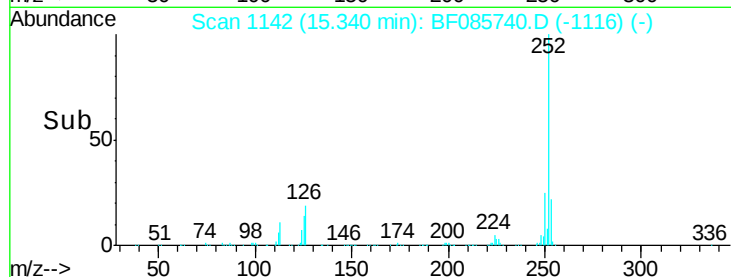
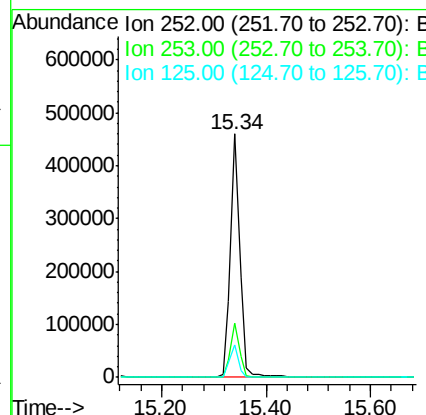
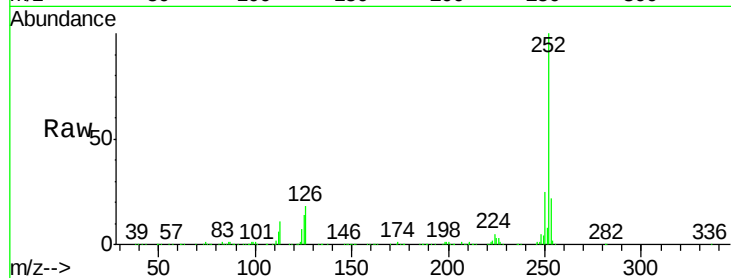
#89
Benzo(a)pyrene
Concen: 52.64 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	577486		
253	22.0		17.4	26.0
125	13.5		10.3	15.5

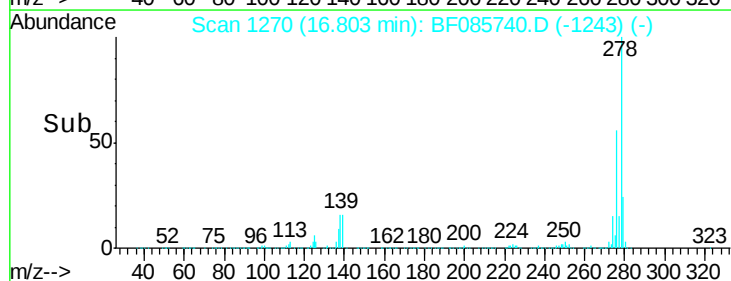
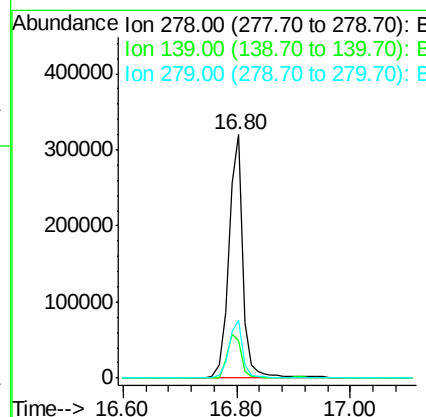
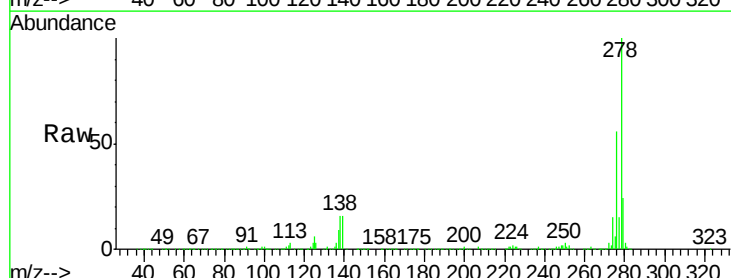
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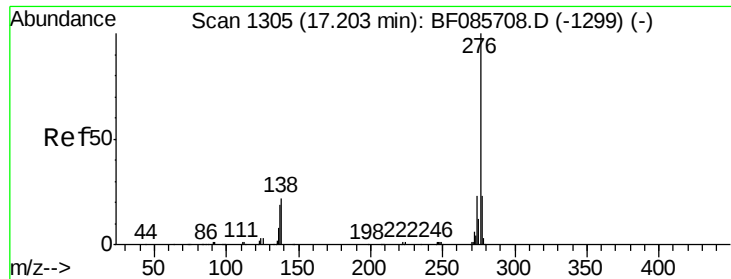
Sohil
3/25/2016 3:04:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 54.72 ng
RT: 16.80 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF085740.D
Acq: 25 Mar 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	557696		
139	15.7		14.4	21.6
279	23.6		19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 53.86 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085740.D
 Acq: 25 Mar 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	18.8	28.2
138	27.1	22.6	34.0

Manual Integrations
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