

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085816.D
 Acq On : 28 Mar 2016 22:10
 Operator : UM/SJ
 Sample : H1937-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

Manual Integrations
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Sohil
 3/29/2016 12:03:23 PM

Quant Time: Mar 29 01:40:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111789	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	459416	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	198128	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	361531	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	214056	20.00	ng	0.00
86) Perylene-d12	15.39	264	188018	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	685692	102.15	ng	0.01
7) Phenol-d6	6.46	99	894879	104.86	ng	0.00
23) Nitrobenzene-d5	7.38	82	541550	66.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	212376	112.82	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	833083	70.25	ng	-0.01
78) Terphenyl-d14	12.93	244	732213	70.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	83461	26.04	ng	96
3) Pyridine	3.16	79	212392	27.64	ng	100
4) n-Nitrosodimethylamine	3.09	42	98774	32.11	ng	93
6) Aniline	6.48	93	271471	23.63	ng	96
8) 2-Chlorophenol	6.60	128	234177	30.03	ng	86
9) Benzaldehyde	6.37	77	29279	5.69	ng	90
10) Phenol	6.47	94	340795	35.25	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	216820	29.14	ng	94
12) 1,3-Dichlorobenzene	6.76	146	259041m	30.84	ng	
13) 1,4-Dichlorobenzene	6.84	146	261226	30.67	ng	94
14) 1,2-Dichlorobenzene	6.98	146	244767	30.84	ng	96
15) Benzyl Alcohol	6.96	79	195512	34.34	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	288023	29.17	ng	97
17) 2-Methylphenol	7.08	107	196905	31.54	ng	99
18) Hexachloroethane	7.33	117	96194	30.84	ng	90
19) n-Nitroso-di-n-propylamine	7.24	70	169595	33.19	ng	99
20) 3+4-Methylphenols	7.24	107	248525	33.11	ng	# 84
22) Acetophenone	7.22	105	323564	30.23	ng	# 97
24) Nitrobenzene	7.41	77	238449	28.35	ng	# 80
25) Isophorone	7.65	82	462290	29.42	ng	# 91
26) 2-Nitrophenol	7.72	139	122332	29.08	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	235572	32.03	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	282264	31.52	ng	98
29) 2,4-Dichlorophenol	7.97	162	193145	31.24	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	212228	30.92	ng	96
31) Naphthalene	8.13	128	708369	30.60	ng	98
32) Benzoic acid	7.84	122	11350	2.32	ng	88
33) 4-Chloroaniline	8.17	127	183516	19.42	ng	# 93
34) Hexachlorobutadiene	8.24	225	105271	28.22	ng	98
35) Caprolactam	8.54	113	62391	28.49	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	215330	29.82	ng	98
37) 2-Methylnaphthalene	8.81	142	444724	30.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	192101	32.70	ng	98
40) Hexachlorocyclopentadiene	8.97	237	108947	48.57	ng	98

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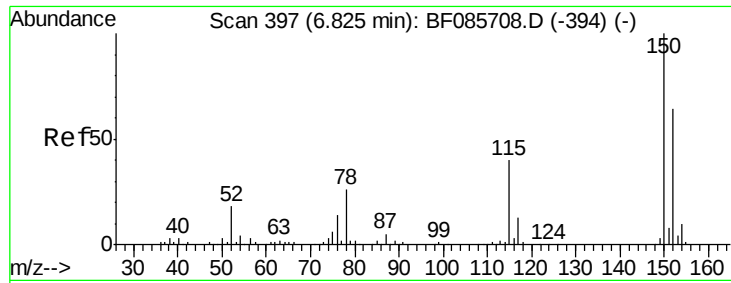
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	134774	33.96	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	139778	33.59	ng #	94
45) 1,1'-Biphenyl	9.28	154	554296	33.15	ng	97
46) 2-Chloronaphthalene	9.30	162	406956	33.10	ng	94
47) 2-Nitroaniline	9.41	65	130453	34.70	ng #	84
48) Acenaphthylene	9.72	152	621726	31.04	ng	99
49) Dimethylphthalate	9.58	163	622465	41.41	ng	99
50) 2,6-Dinitrotoluene	9.65	165	107638	33.27	ng	89
51) Acenaphthene	9.89	154	366092	29.92	ng	100
52) 3-Nitroaniline	9.82	138	98411	26.57	ng	81
53) 2,4-Dinitrophenol	9.93	184	27632	21.67	ng #	72
54) Dibenzofuran	10.06	168	515920	32.58	ng	93
55) 4-Nitrophenol	9.99	139	152155	63.06	ng #	82
56) 2,4-Dinitrotoluene	10.05	165	127914	31.10	ng #	38
57) Fluorene	10.40	166	406528	30.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	110213	38.11	ng	95
59) Diethylphthalate	10.28	149	458037	30.84	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	207474	32.23	ng #	82
61) 4-Nitroaniline	10.42	138	99610	28.12	ng	87
62) Azobenzene	10.56	77	508942	35.66	ng	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	54362	25.68	ng	98
65) n-Nitrosodiphenylamine	10.52	169	374948	32.74	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	113266	30.62	ng #	75
67) Hexachlorobenzene	10.95	284	113280	29.29	ng #	67
68) Atrazine	11.04	200	110896	28.68	ng	96
69) Pentachlorophenol	11.16	266	115312	60.72	ng	99
70) Phenanthrene	11.36	178	605142	32.60	ng	100
71) Anthracene	11.42	178	674244	34.60	ng	99
72) Carbazole	11.57	167	551697	33.72	ng	98
73) Di-n-butylphthalate	11.90	149	704463	31.38	ng	99
74) Fluoranthene	12.55	202	592875	30.05	ng	94
76) Benzidine	12.68	184	270634	35.90	ng	97
77) Pyrene	12.78	202	597642	33.97	ng	100
79) Butylbenzylphthalate	13.40	149	272312	36.96	ng #	83
80) Benzo(a)anthracene	13.97	228	389691	31.93	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	89891	10.61	ng #	97
82) Chrysene	14.00	228	379733	30.89	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	333677	37.82	ng #	97
84) Di-n-octyl phthalate	14.56	149	470406	35.86	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	404191	42.58	ng	99
87) Benzo(b)fluoranthene	14.99	252	318972m	26.93	ng	
88) Benzo(k)fluoranthene	15.02	252	335293m	31.40	ng	
89) Benzo(a)pyrene	15.33	252	328707	31.26	ng	97
90) Dibenzo(a,h)anthracene	16.79	278	339076	34.70	ng	98
91) Benzo(g,h,i)perylene	17.19	276	346937	35.06	ng	96

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



#1

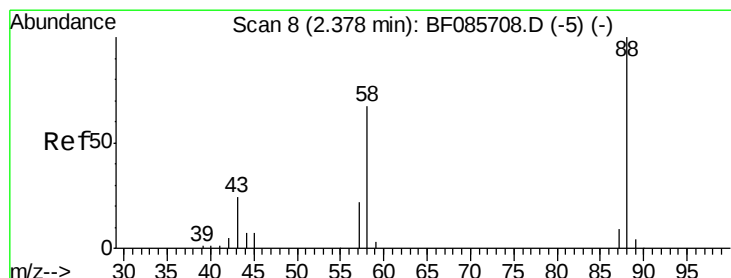
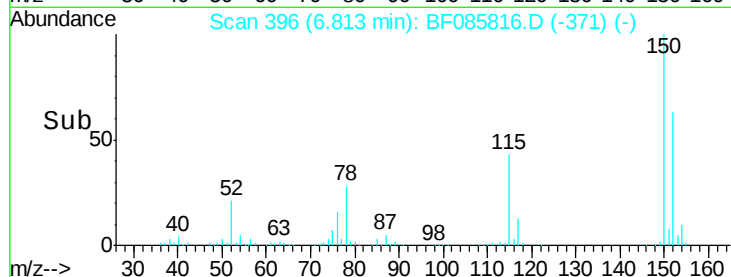
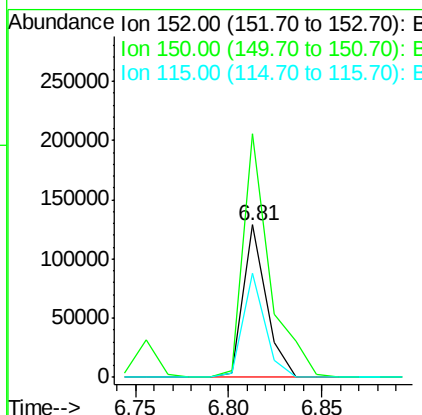
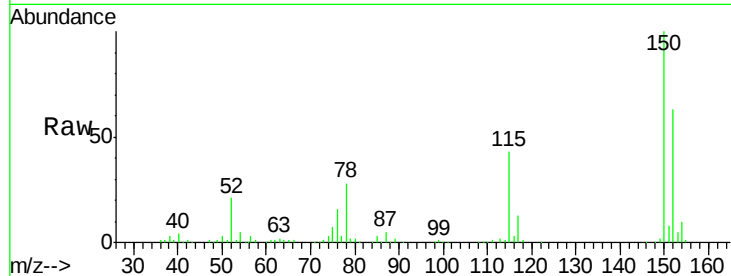
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.2	186.2
115	68.0	47.0	70.6

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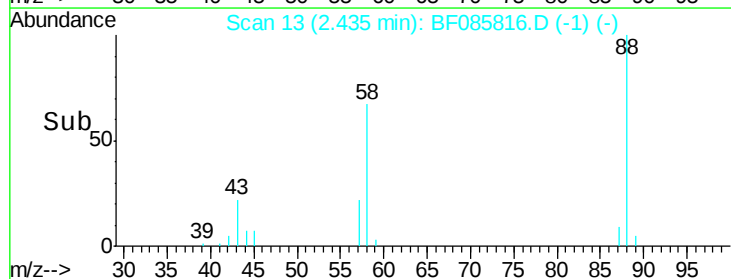
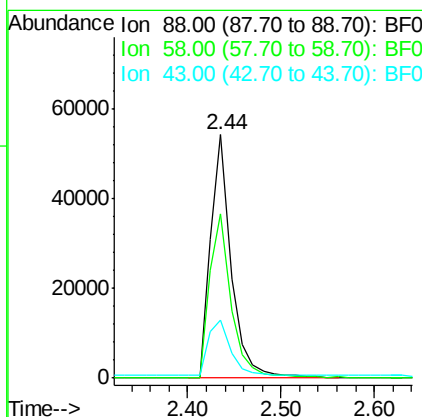
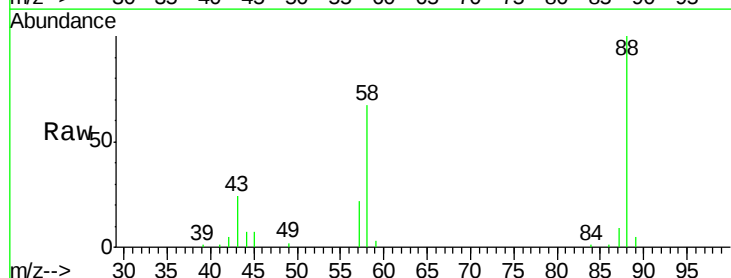
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#2

1,4-Dioxane
Concen: 26.04 ng
RT: 2.44 min Scan# 13
Delta R.T. 0.06 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	54.2	81.2
43	25.1	19.3	28.9





#3

Pyridine

Concen: 27.64 ng

RT: 3.16 min Scan# 76

Delta R.T. 0.06 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

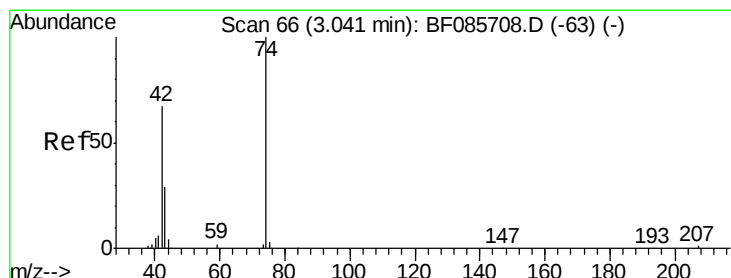
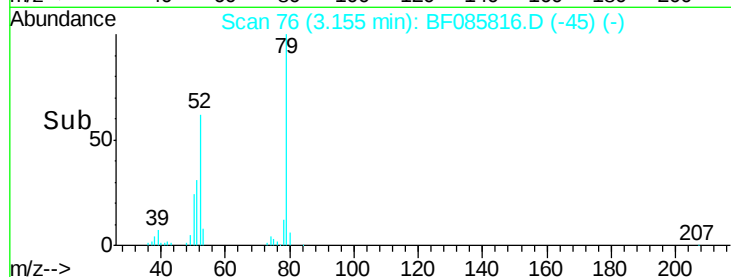
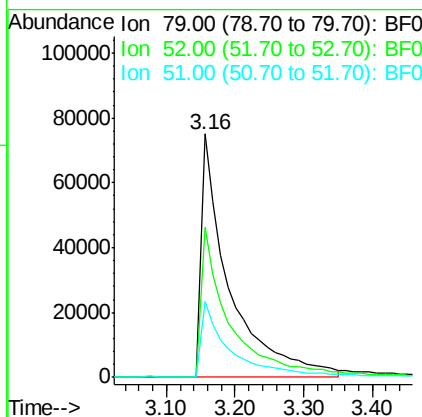
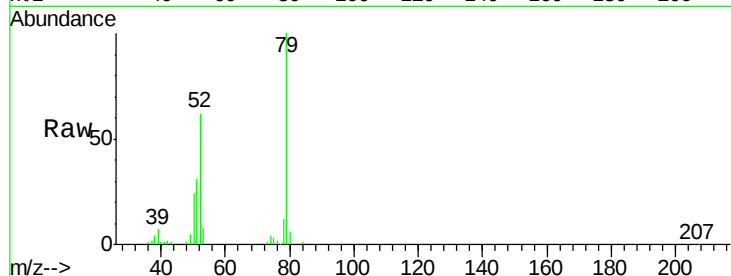
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion:	79	Resp:	212392
Ion	Ratio	Lower	Upper
79	100		
52	61.9	49.8	74.6
51	31.0	24.7	37.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.11 ng

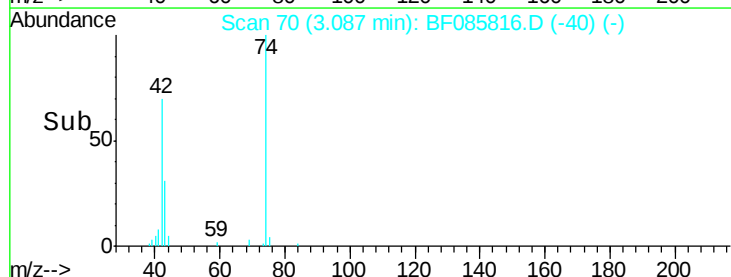
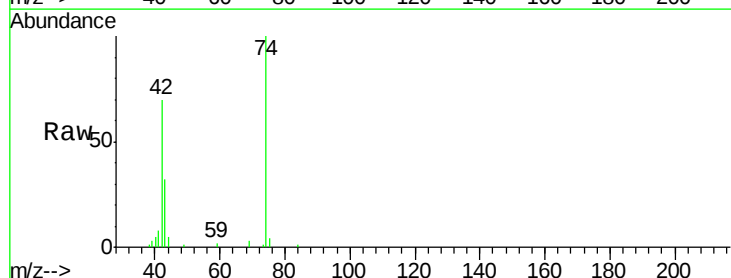
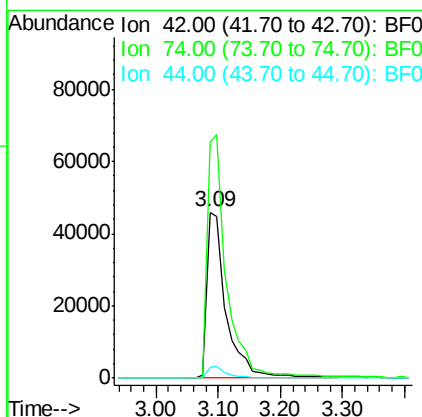
RT: 3.09 min Scan# 70

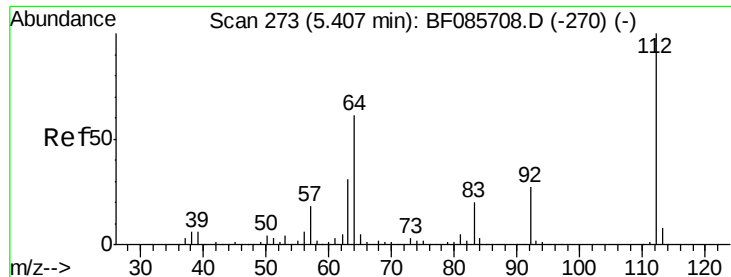
Delta R.T. 0.05 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	42	Resp:	98774
Ion	Ratio	Lower	Upper
42	100		
74	142.1	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 102.15 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

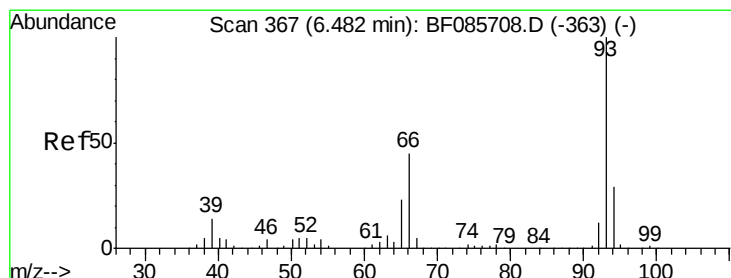
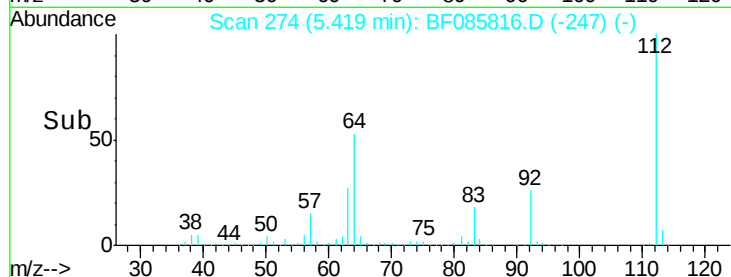
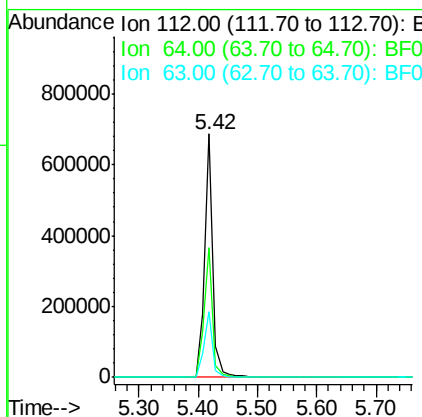
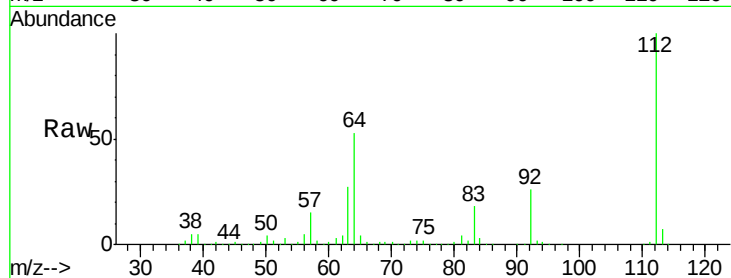
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion:	112	Resp:	685692
Ion Ratio	Lower	Upper	
112	100		
64	53.3	39.9	59.9
63	26.9	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 23.63 ng

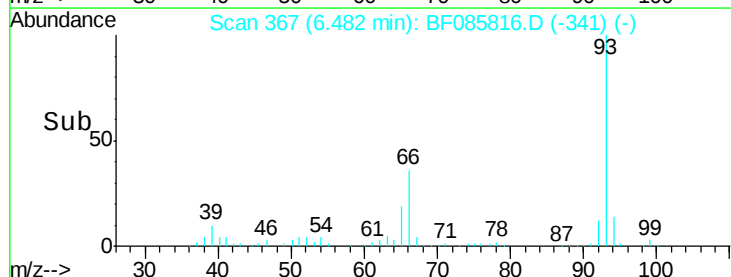
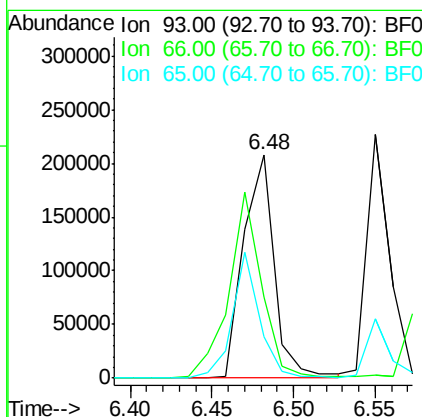
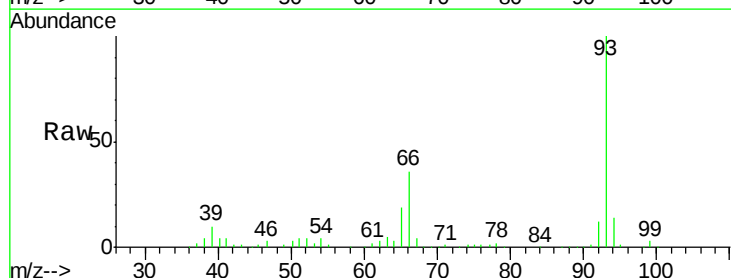
RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	93	Resp:	271471
Ion Ratio	Lower	Upper	
93	100		
66	36.3	31.4	47.2
65	18.6	15.7	23.5





#7

Phenol-d6

Concen: 104.86 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085816.D

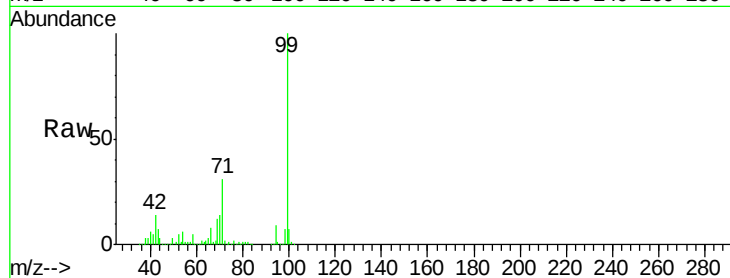
Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD



Tgt Ion: 99 Resp: 894879

Ion Ratio Lower Upper

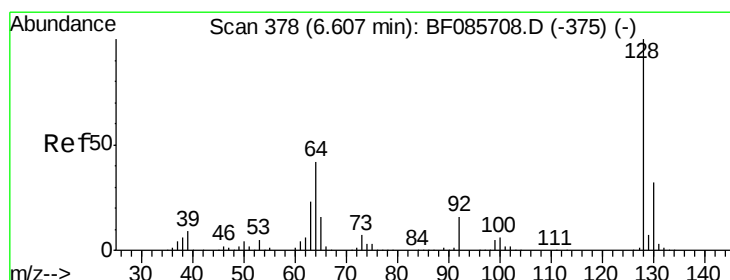
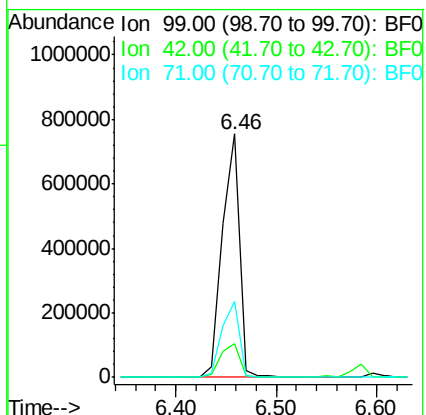
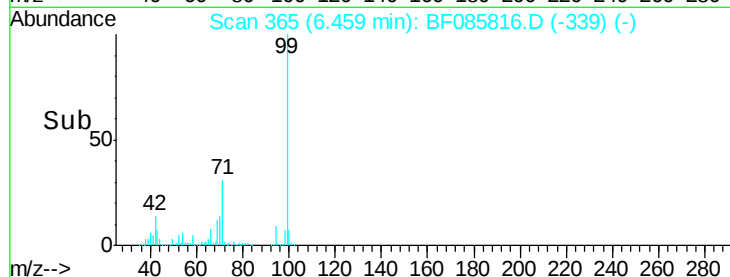
99 100

42 14.0 11.1 16.7

71 31.3 24.9 37.3

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#8

2-Chlorophenol

Concen: 30.03 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

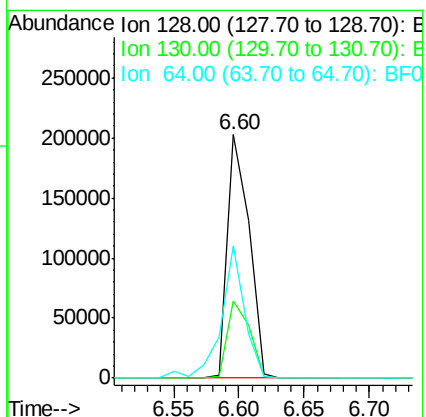
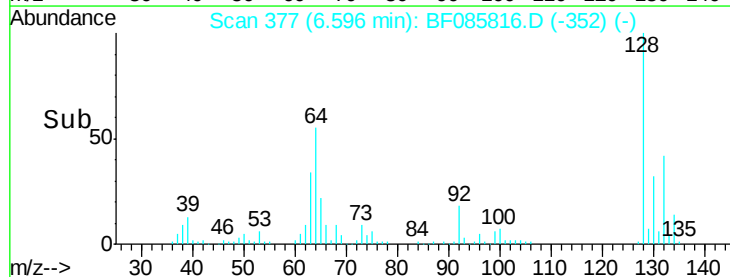
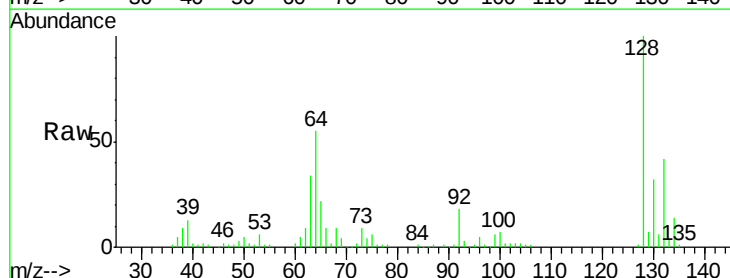
Tgt Ion: 128 Resp: 234177

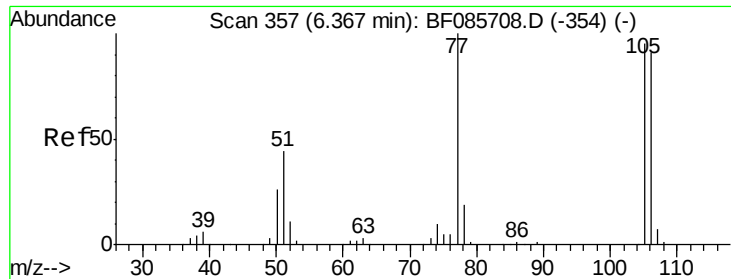
Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

64 54.6 20.2 60.2





#9

Benzaldehyde

Concen: 5.69 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD

Tgt Ion: 77 Resp: 29279

Ion Ratio Lower Upper

77 100

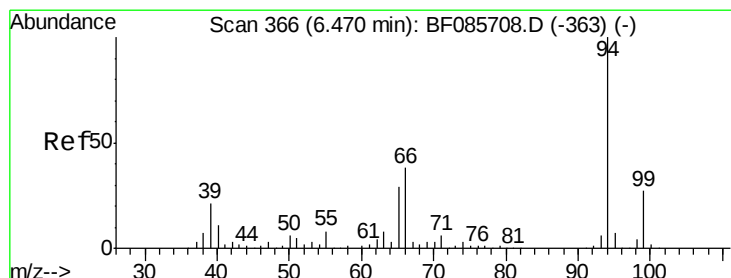
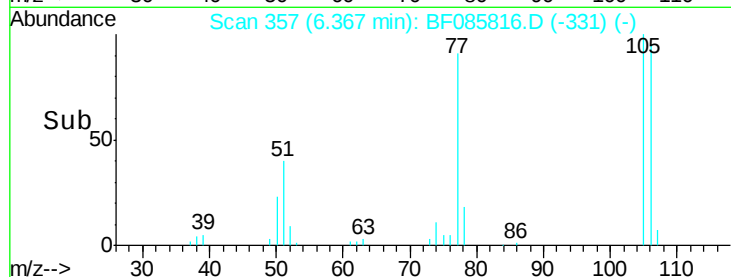
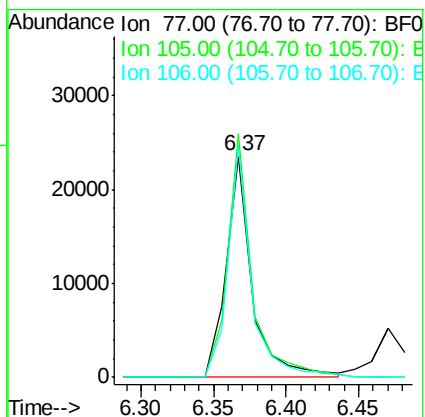
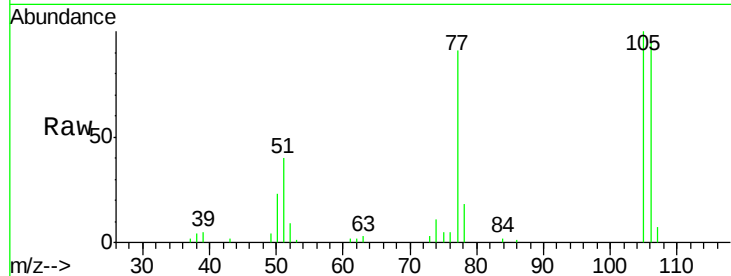
105 110.2 80.1 120.1

106 104.9 75.0 115.0

Manual Integrations
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#10

Phenol

Concen: 35.25 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

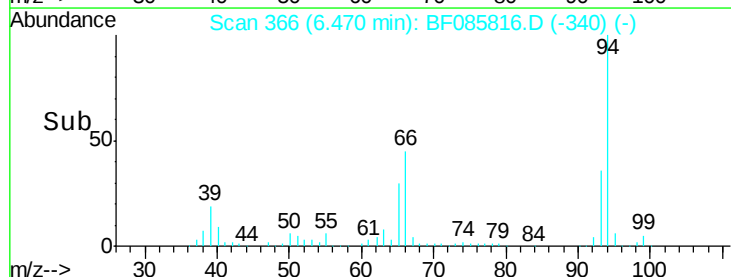
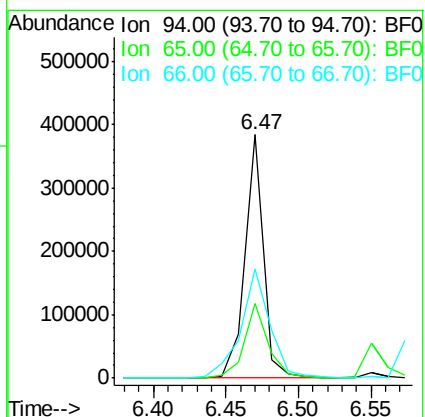
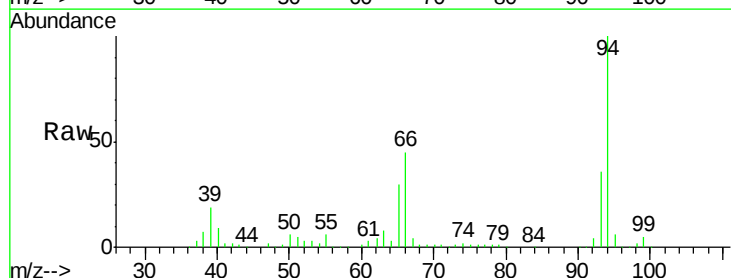
Tgt Ion: 94 Resp: 340795

Ion Ratio Lower Upper

94 100

65 30.4 8.6 48.6

66 45.0 20.0 60.0





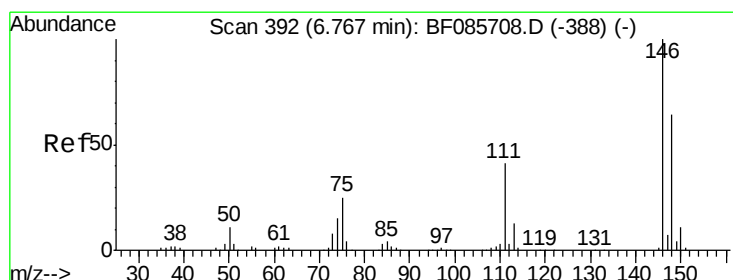
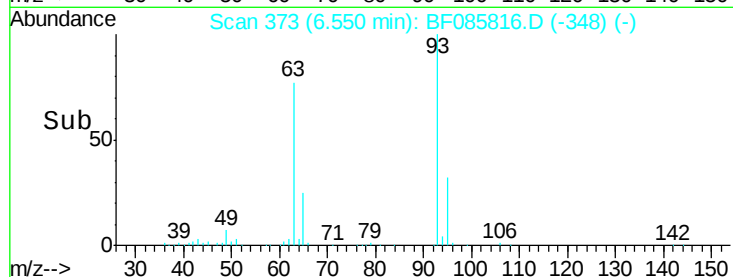
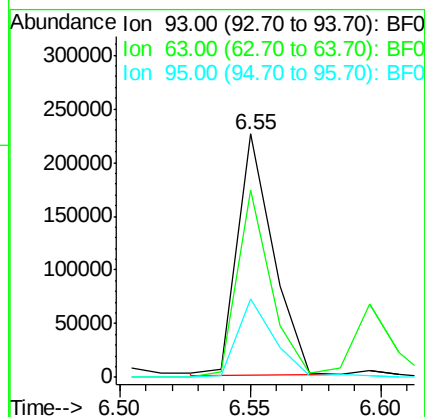
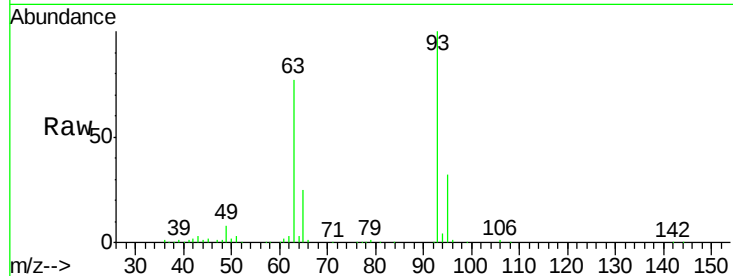
#11
bis(2-Chloroethyl)ether
Concen: 29.14 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion:	93	Resp:	216820
Ion Ratio	Lower	Upper	
93	100		
63	76.9	50.9	90.9
95	32.2	13.3	53.3

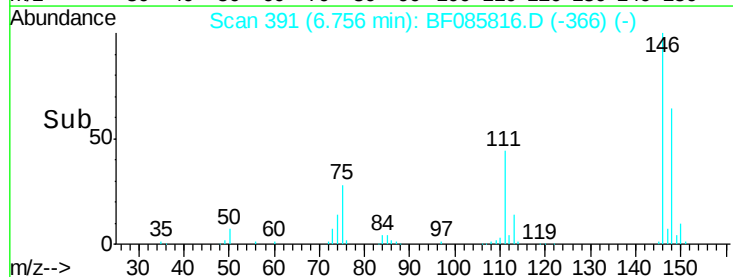
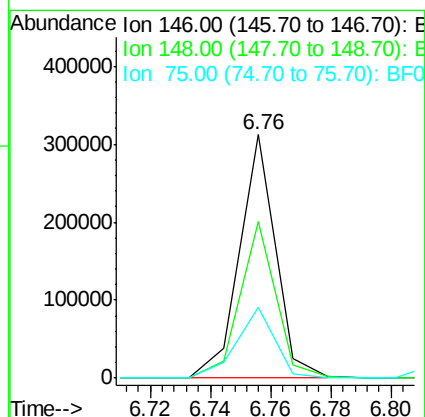
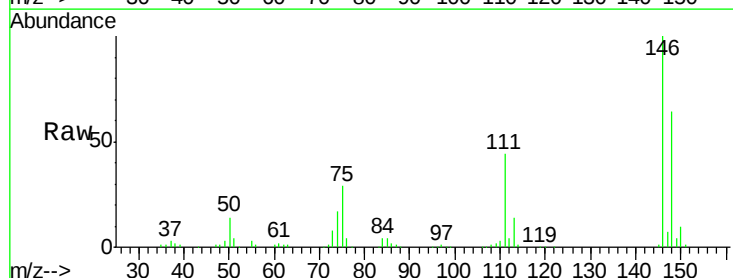
Manual Integrations
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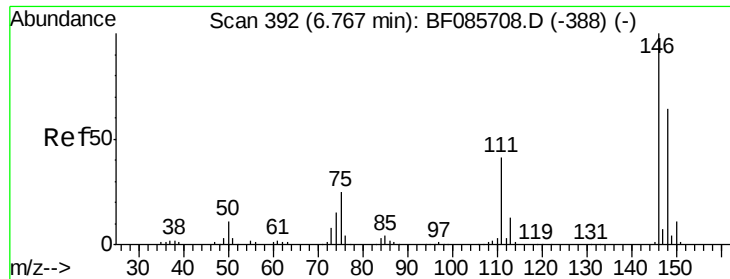
Sohil
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#12
1,3-Dichlorobenzene
Concen: 30.84 ng m
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion:	146	Resp:	259041
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.3	78.5
75	29.1	17.4	26.2#





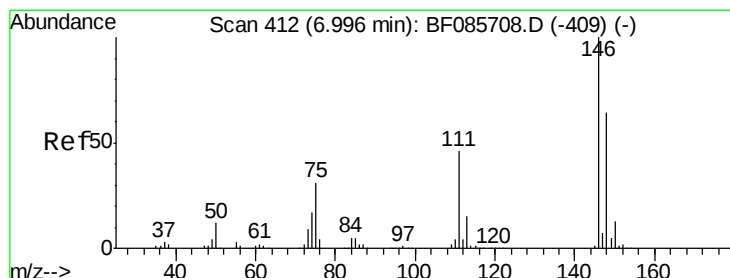
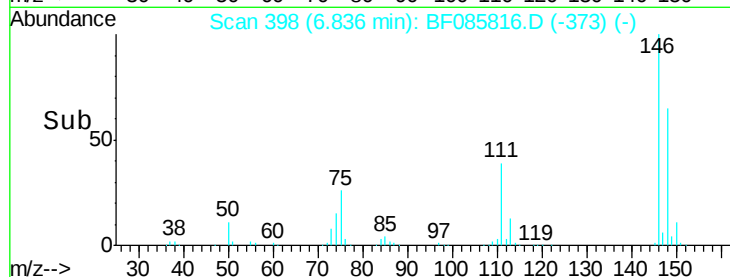
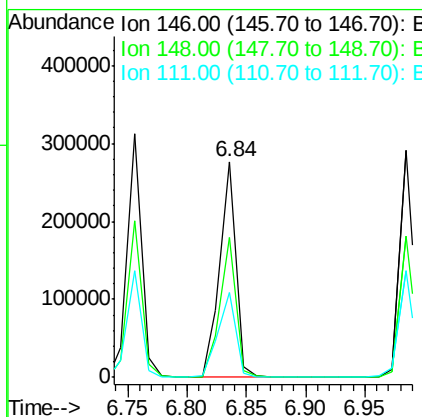
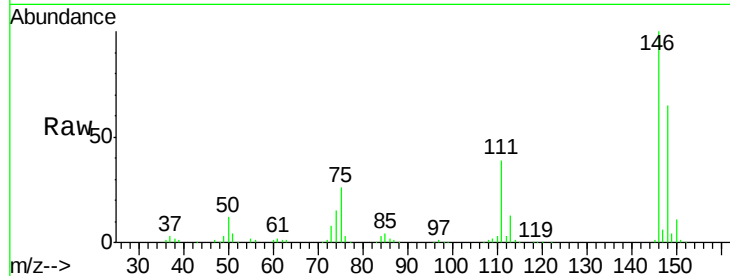
#13
 1,4-Dichlorobenzene
 Concen: 30.67 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	261226		
148	64.8	50.6	76.0	
111	39.1	37.8	56.6	

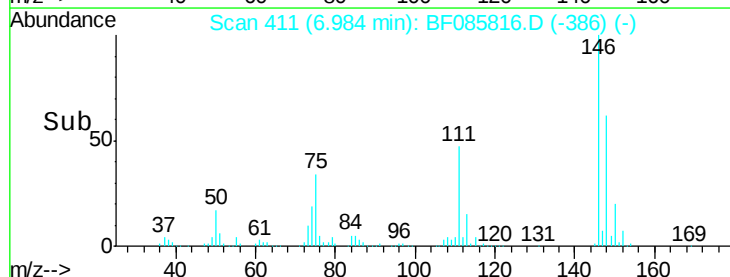
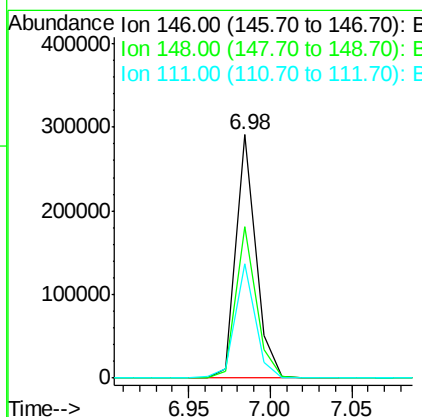
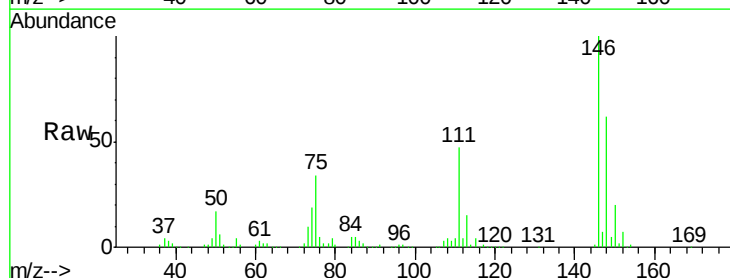
Manual Integrations
 APPROVED

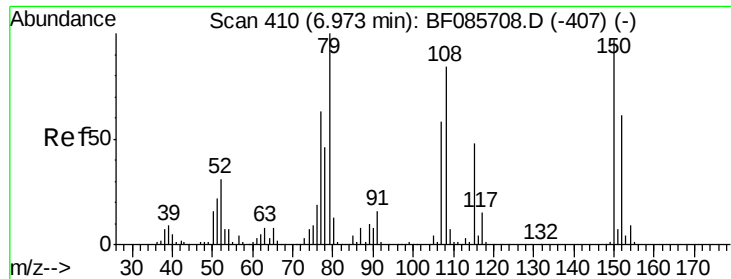
Sohil
 3/29/2016 12:03:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.84 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244767		
148	62.0	51.4	77.2	
111	46.8	34.6	52.0	





#15

Benzyl Alcohol

Concen: 34.34 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD

Tgt Ion: 79 Resp: 195512
Ion Ratio Lower Upper

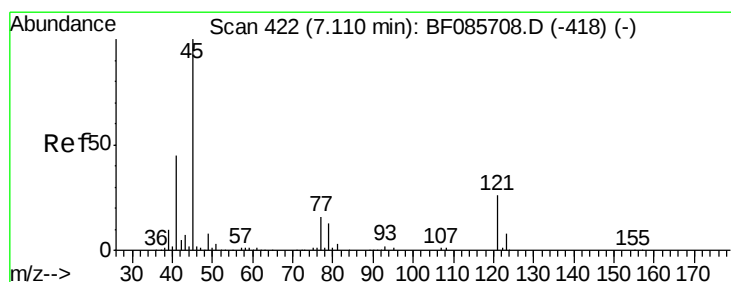
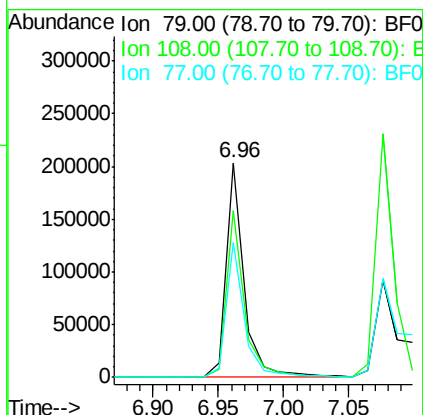
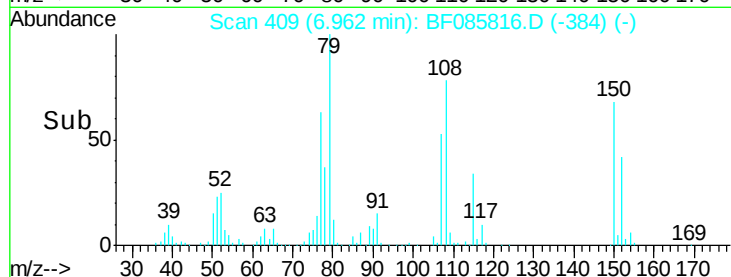
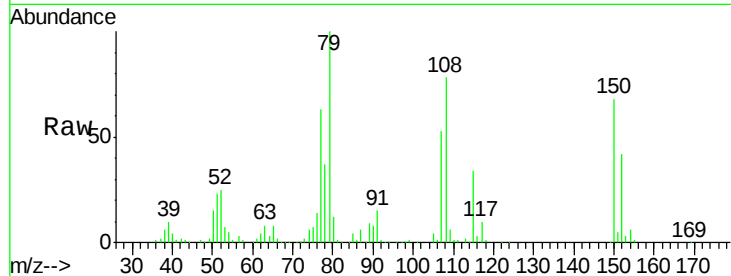
79 100

108 77.7 61.8 92.6

77 62.7 49.6 74.4

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.17 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085816.D

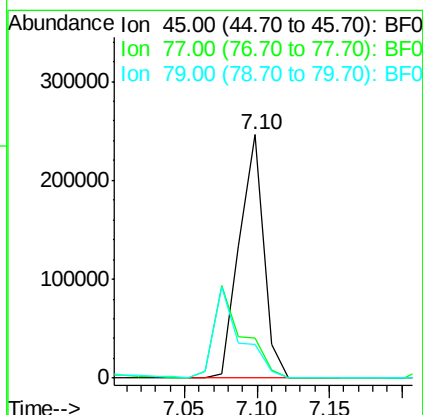
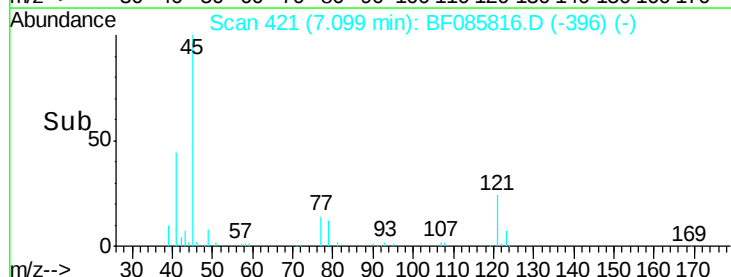
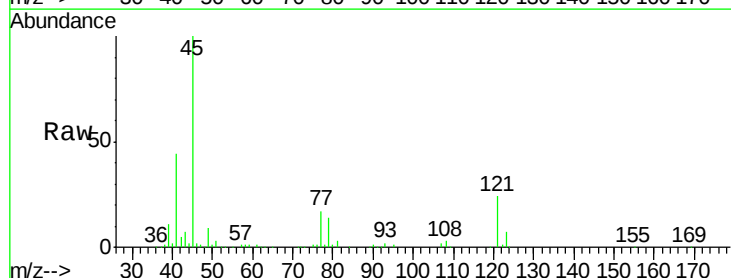
Acq: 28 Mar 2016 22:10

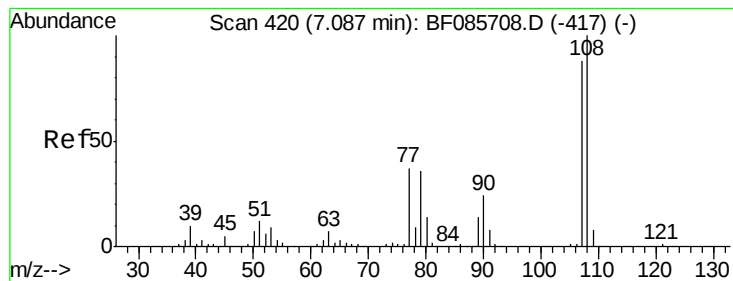
Tgt Ion: 45 Resp: 288023
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.7

79 13.6 0.0 32.2





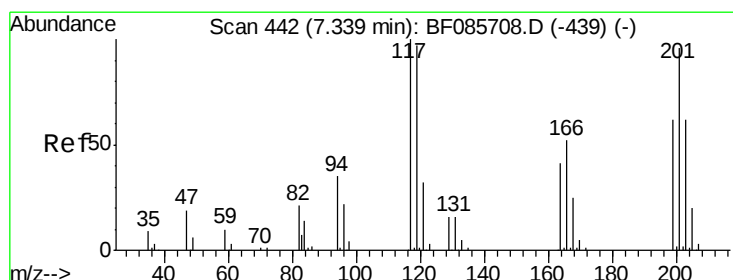
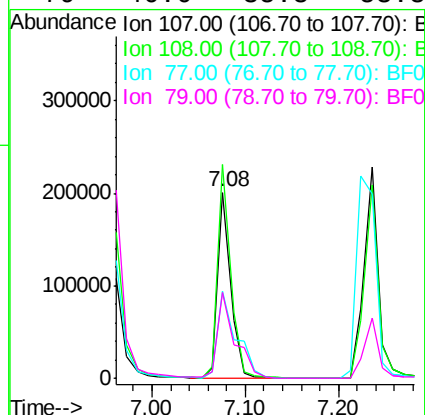
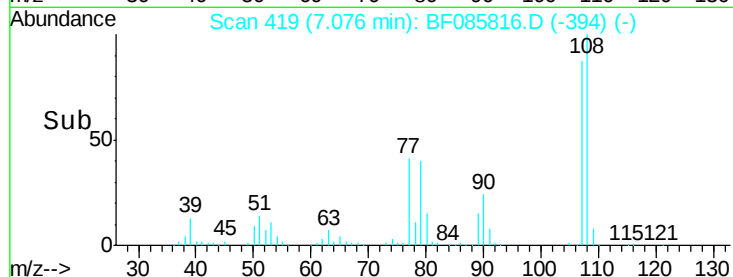
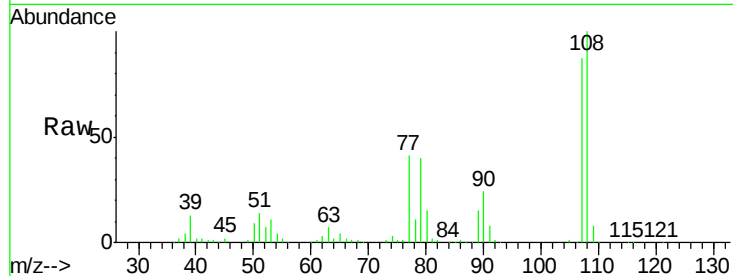
#17
2-Methylphenol
Concen: 31.54 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	196905		
108	114.7	91.4	137.0	
77	46.7	36.2	54.2	
79	46.0	35.8	53.8	

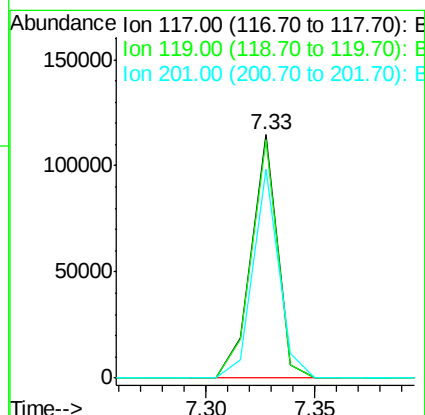
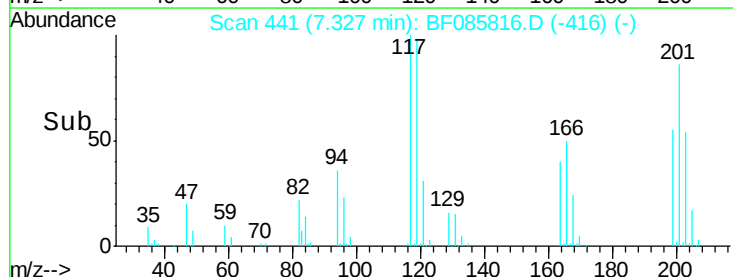
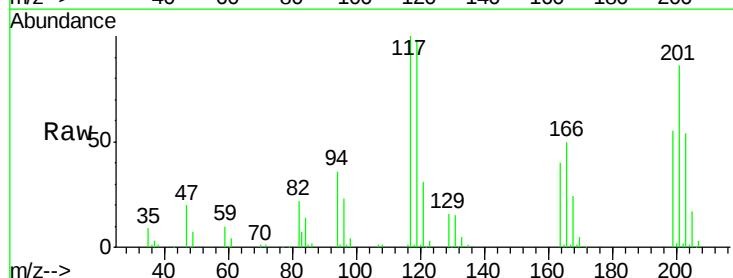
Manual Integrations
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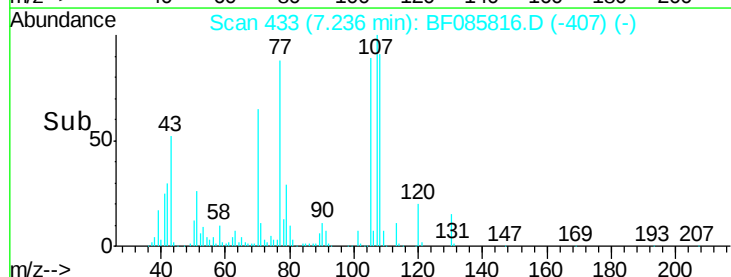
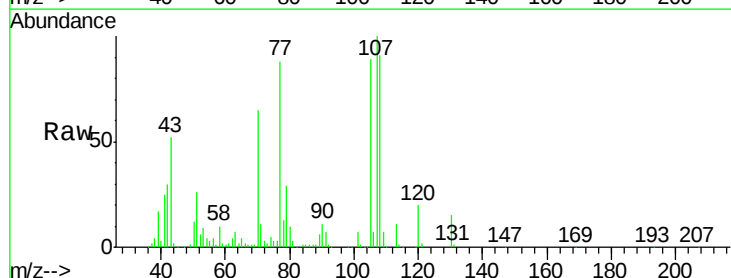
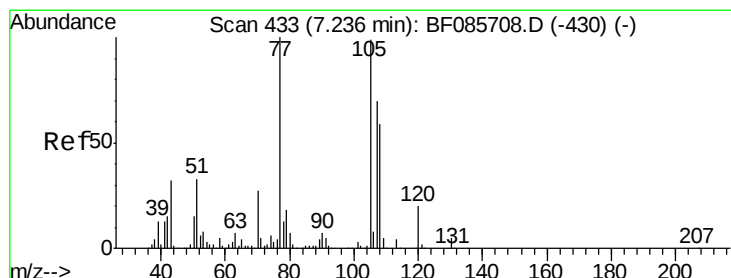
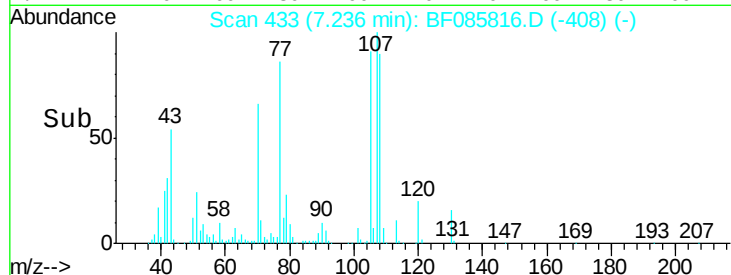
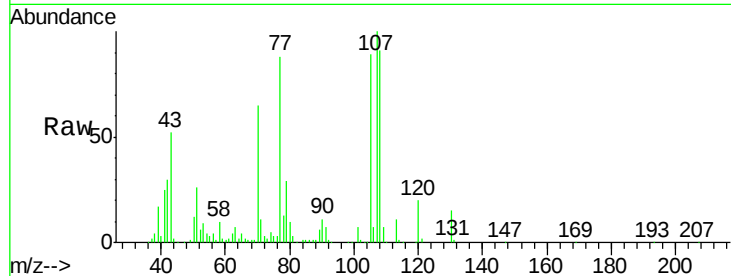
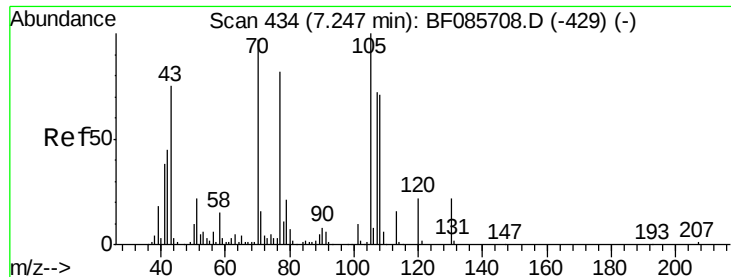
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#18
Hexachloroethane
Concen: 30.84 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96194		
119	97.9	76.7	115.1	
201	86.1	83.3	124.9	

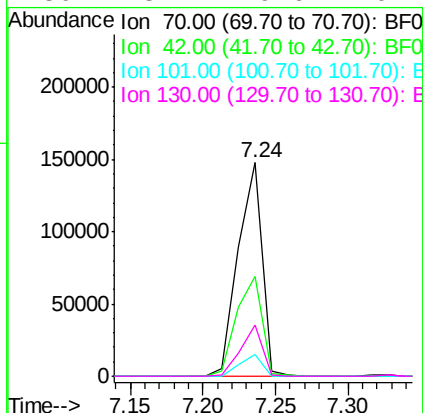




#19
n-Nitroso-di-n-propylamine
Concen: 33.19 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.5	37.1	55.7
101	10.4	8.6	12.8
130	23.7	19.6	29.4

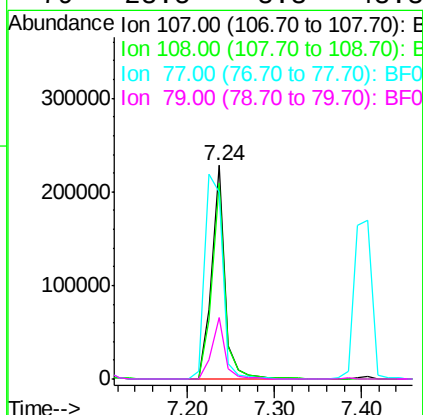


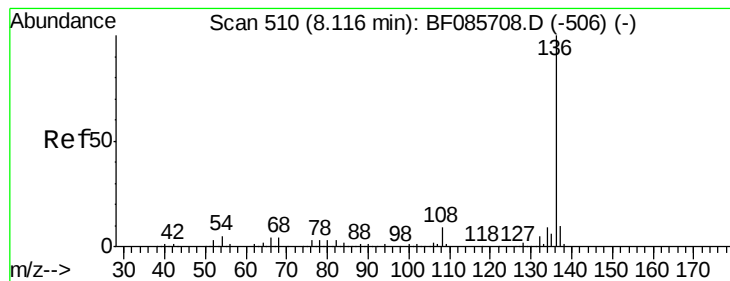
Manual Integrations
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#20
3+4-Methylphenols
Concen: 33.11 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.3	109.3
77	87.5	101.7	141.7#
79	28.5	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

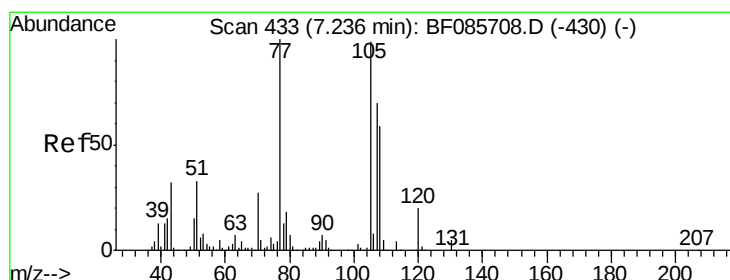
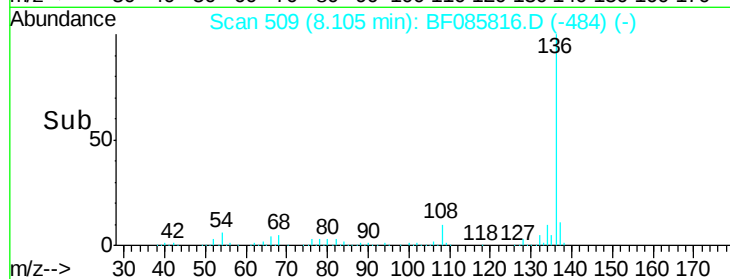
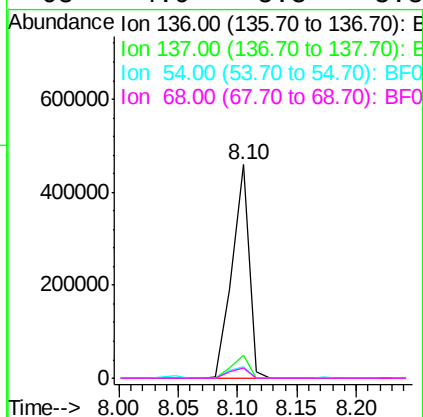
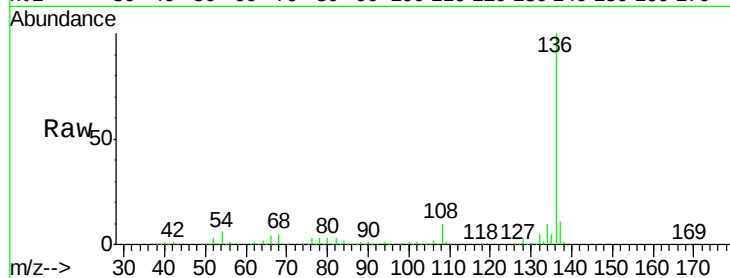
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	459416		
137	10.8	9.1	13.7	
54	5.7	7.4	11.0	
68	4.9	5.8	8.8	

Manual Integrations
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#22

Acetophenone

Concen: 30.23 ng

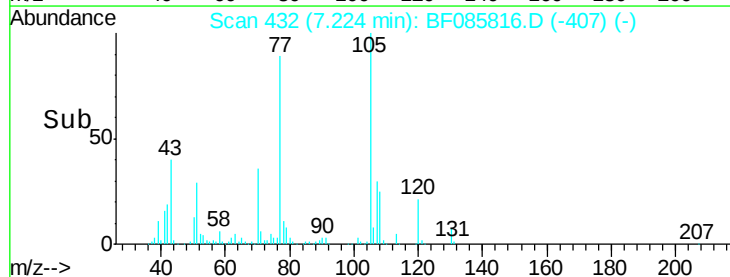
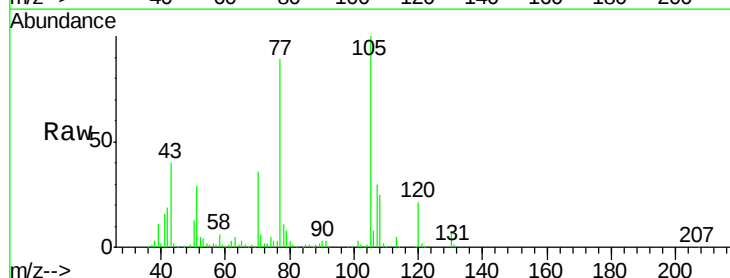
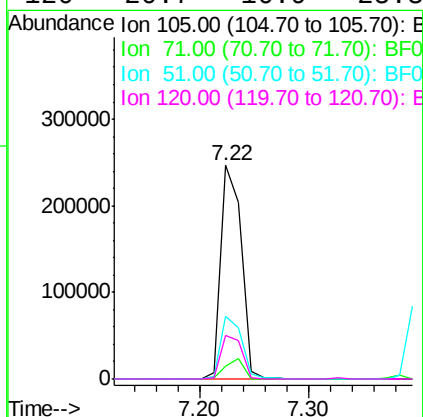
RT: 7.22 min Scan# 432

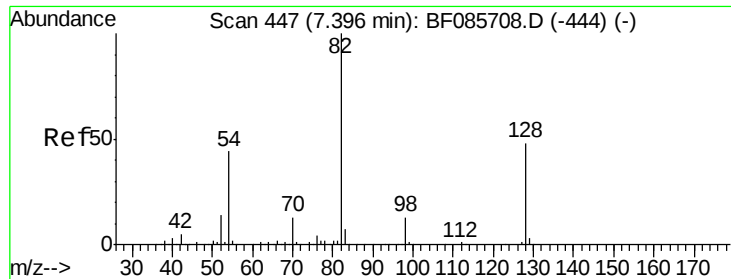
Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323564		
71	6.0	3.6	5.4	
51	29.5	25.4	38.0	
120	20.7	16.9	25.3	





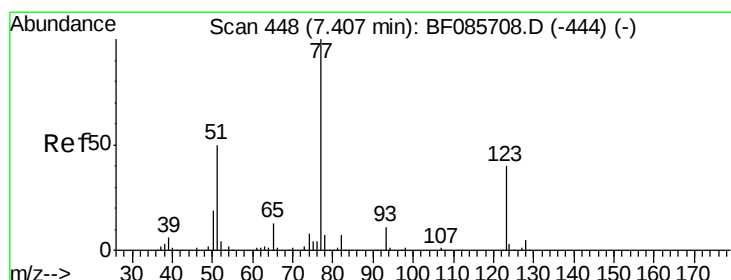
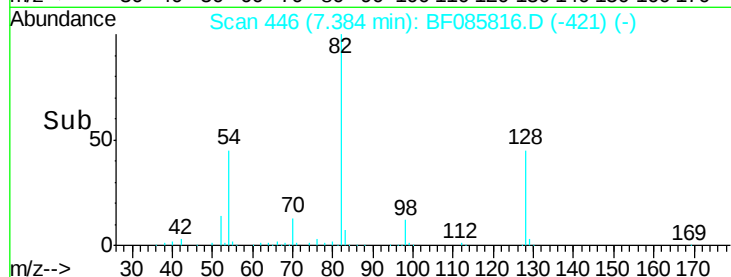
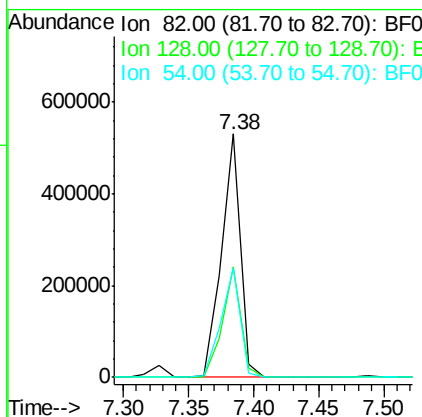
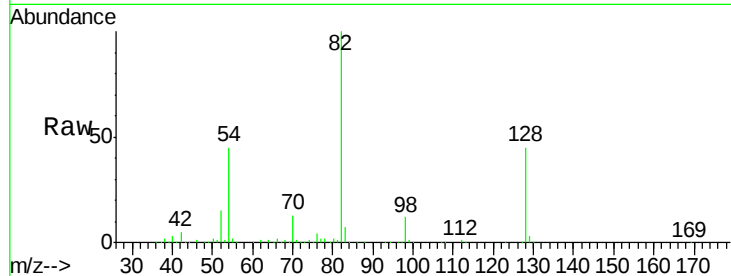
#23
Nitrobenzene-d5
Concen: 66.38 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	541550		
128	45.5	41.8	62.8	
54	44.6	33.4	50.0	

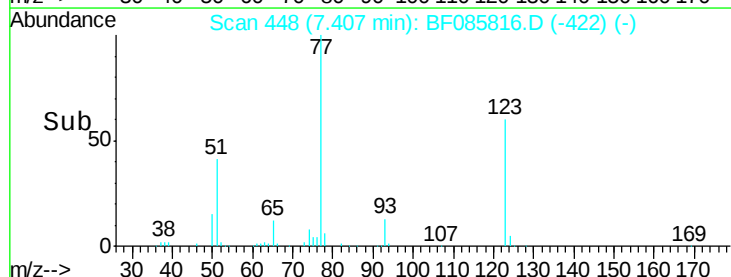
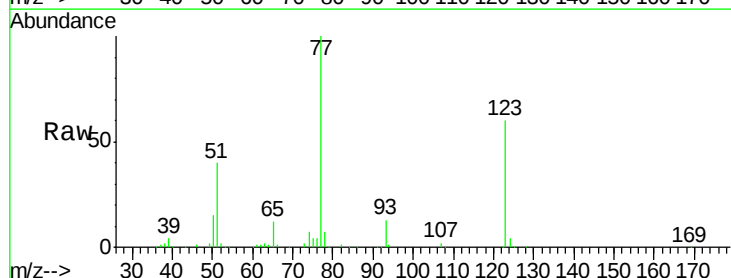
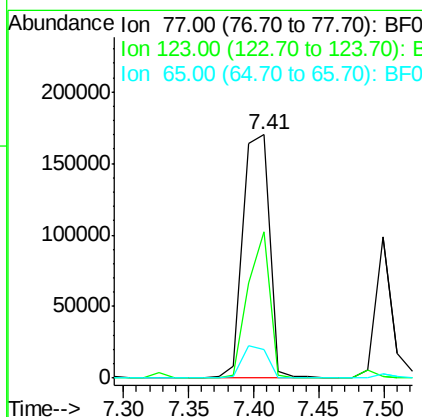
Manual Integrations
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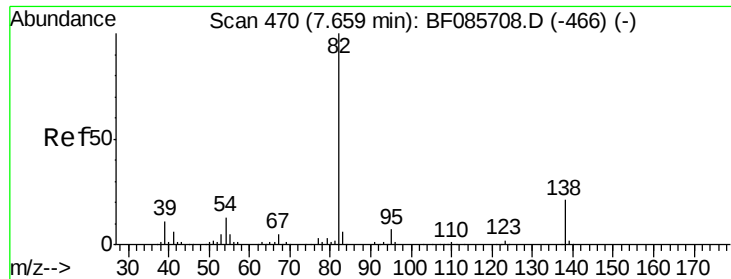
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#24
Nitrobenzene
Concen: 28.35 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238449		
123	60.0	35.0	52.4#	
65	11.9	10.6	16.0	





#25

Isophorone

Concen: 29.42 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD

Tgt Ion: 82 Resp: 462290

Ion Ratio Lower Upper

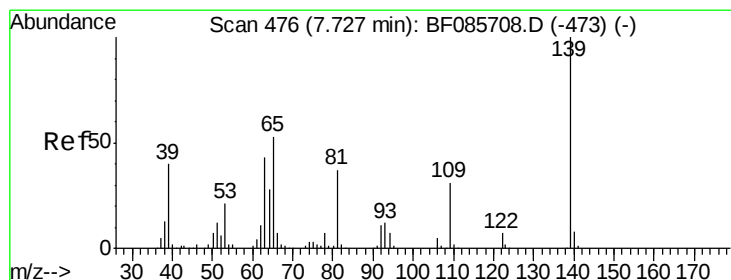
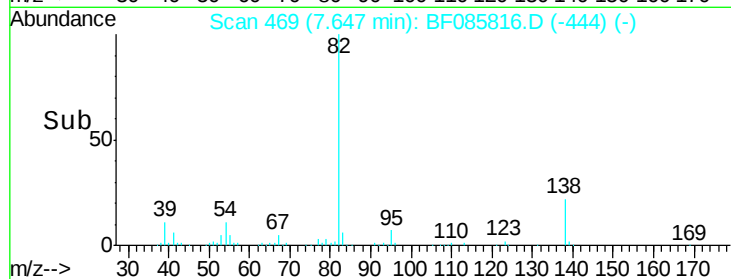
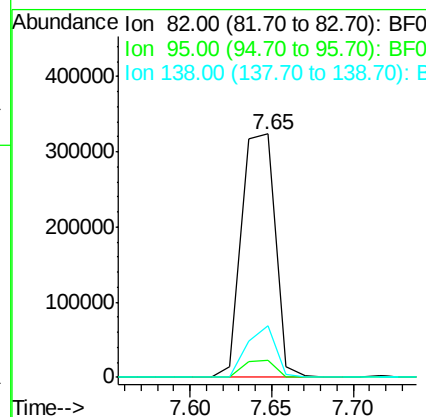
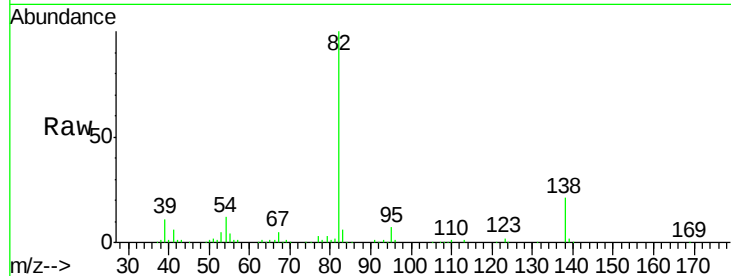
82 100

95 7.2 5.4 8.2

138 21.2 12.9 19.3#

Manual Integrations
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3/29/2016 12:03:23 PM



#26

2-Nitrophenol

Concen: 29.08 ng

RT: 7.72 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

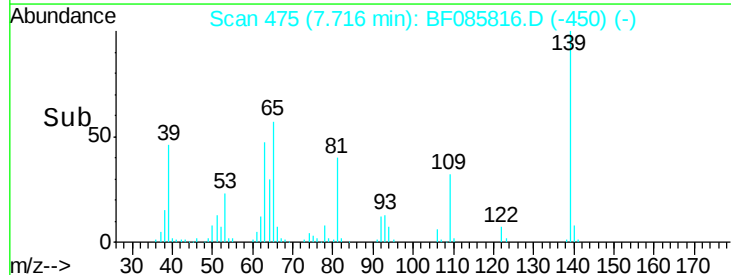
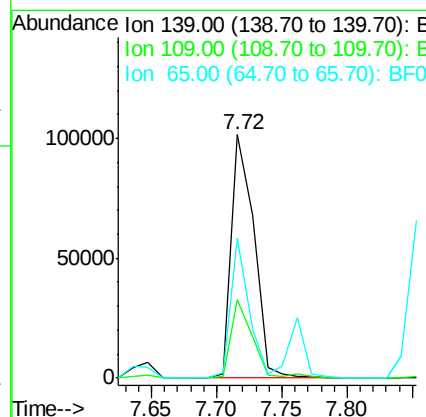
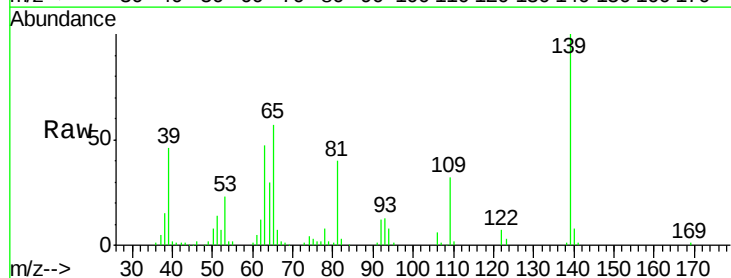
Tgt Ion: 139 Resp: 122332

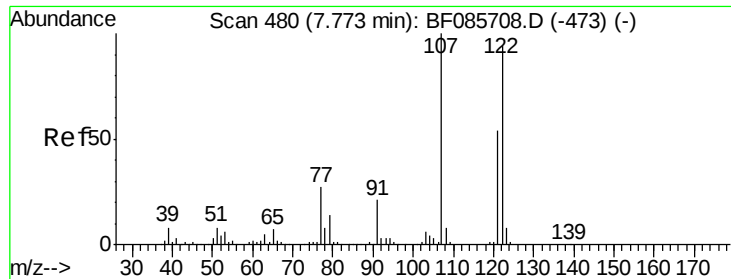
Ion Ratio Lower Upper

139 100

109 32.0 22.1 33.1

65 57.5 33.9 50.9#





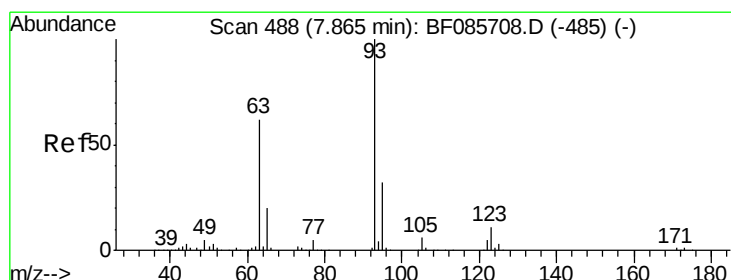
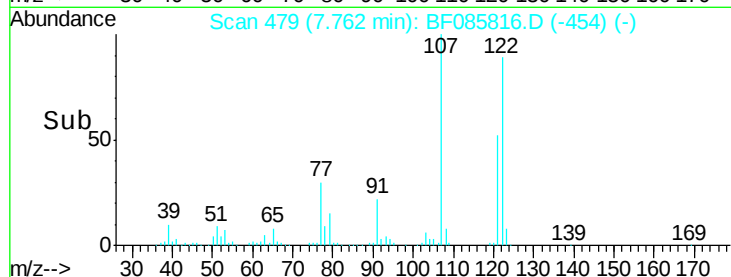
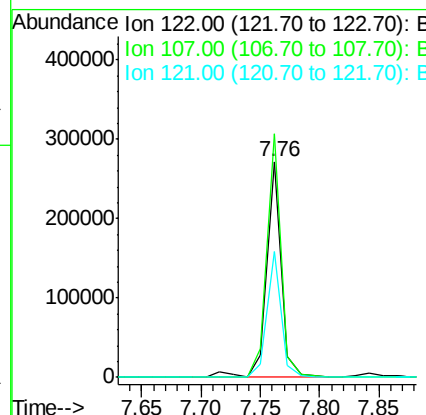
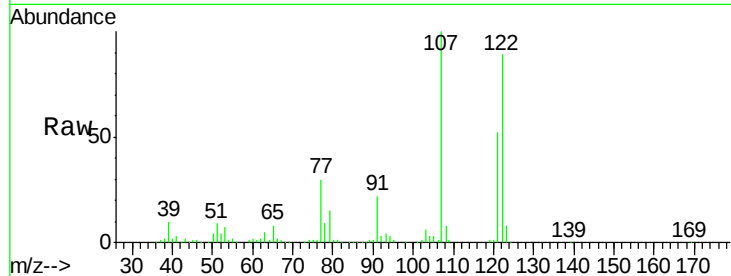
#27
2,4-Dimethylphenol
Concen: 32.03 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	235572		
107	112.9	93.0	139.6	
121	58.2	45.9	68.9	

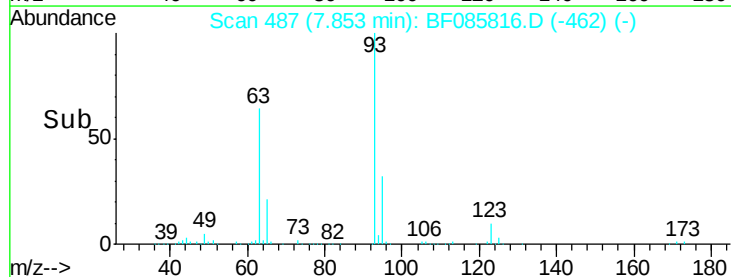
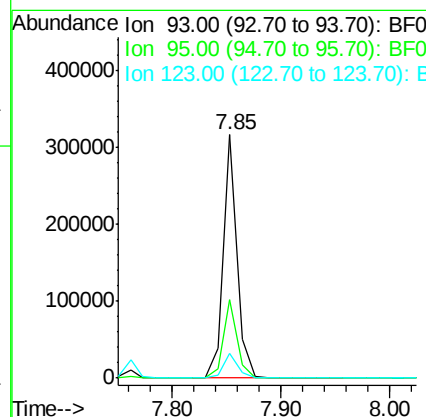
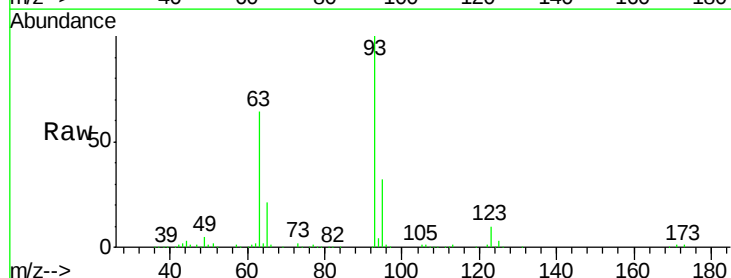
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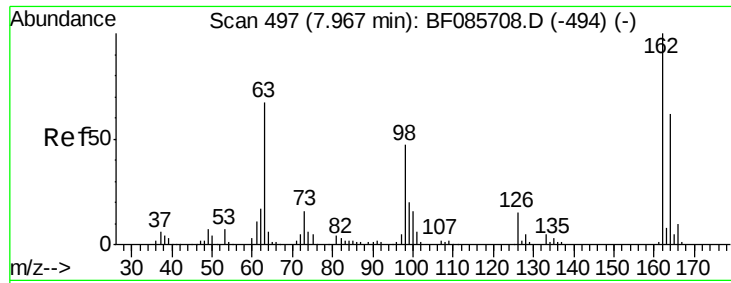
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#28
bis(2-Chloroethoxy)methane
Concen: 31.52 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	282264		
95	32.4	26.4	39.6	
123	10.3	9.8	14.6	





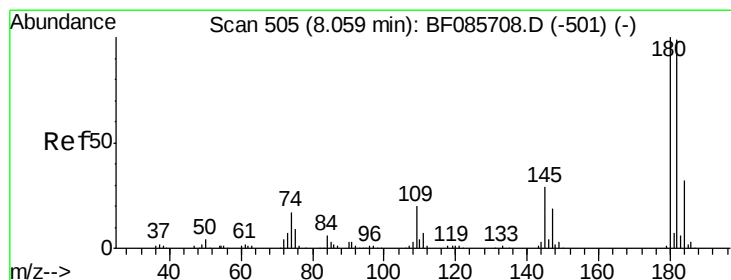
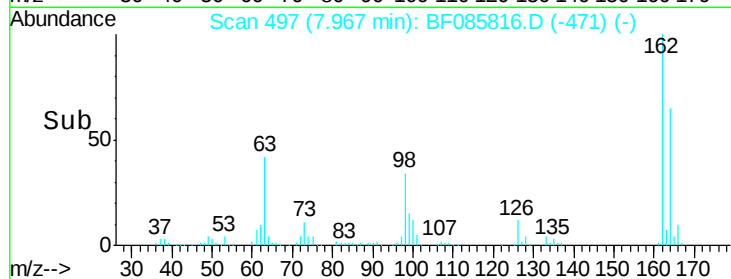
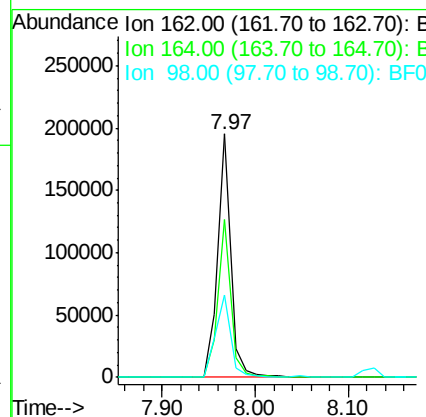
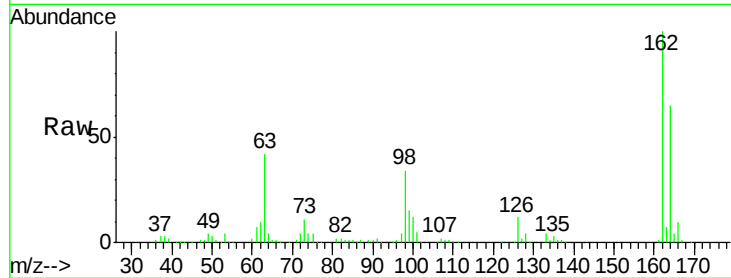
#29
2,4-Dichlorophenol
Concen: 31.24 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	43.7	83.7
98	34.0	20.4	60.4

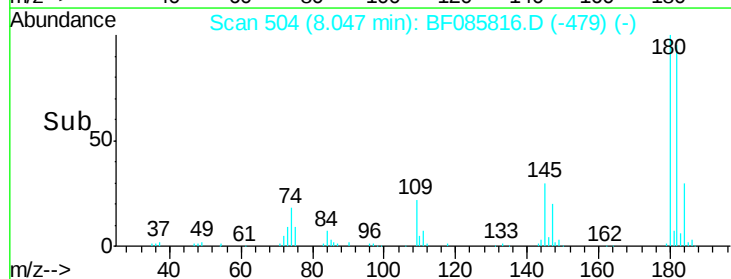
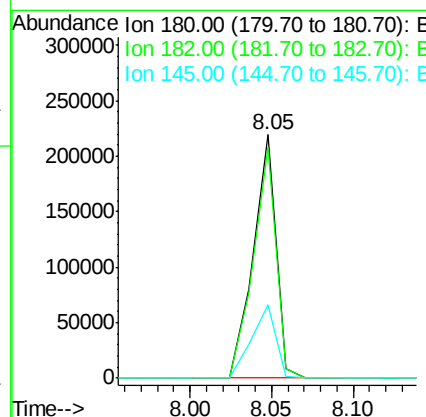
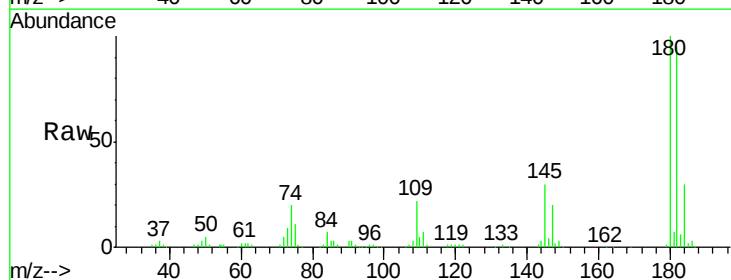
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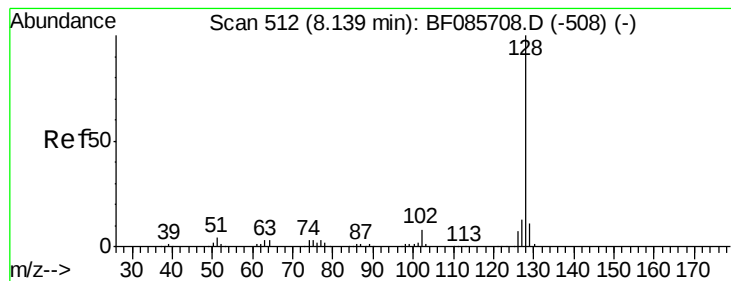
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#30
1,2,4-Trichlorobenzene
Concen: 30.92 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	73.8	110.8
145	30.4	28.4	42.6





#31

Naphthalene

Concen: 30.60 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

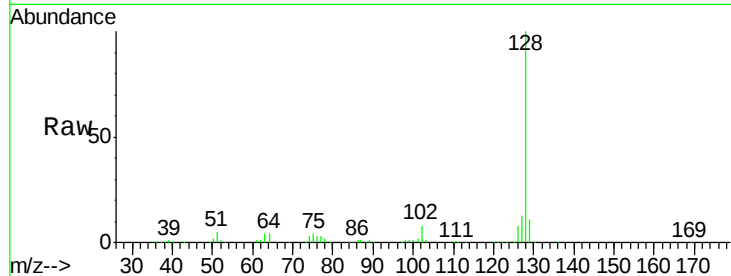
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion:	128	Resp:	708369
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.4	14.0
127	13.5	11.0	16.6

Manual Integrations
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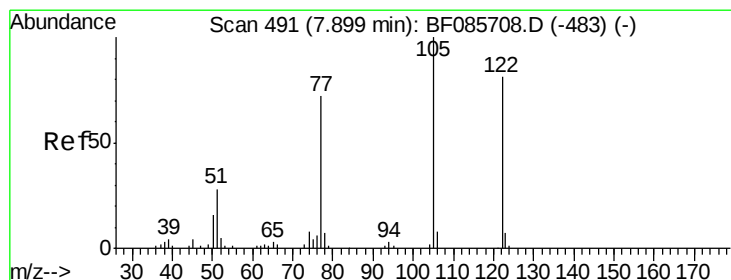
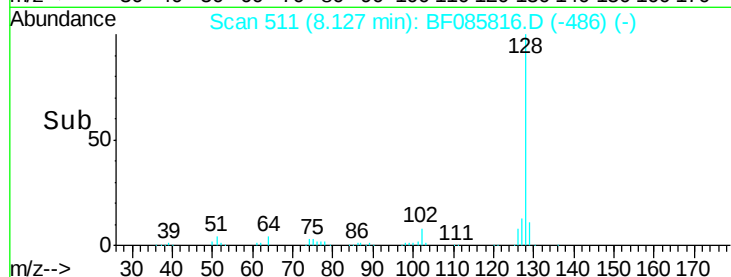
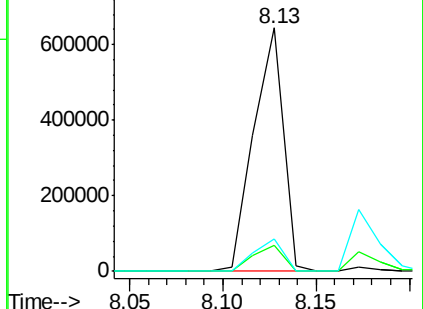
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.32 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.06 min

Lab File: BF085816.D

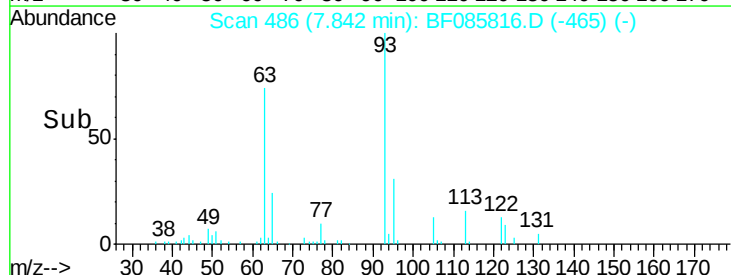
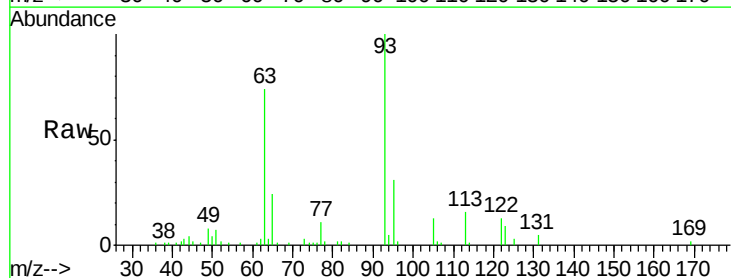
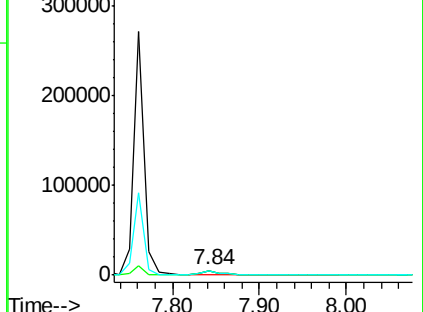
Acq: 28 Mar 2016 22:10

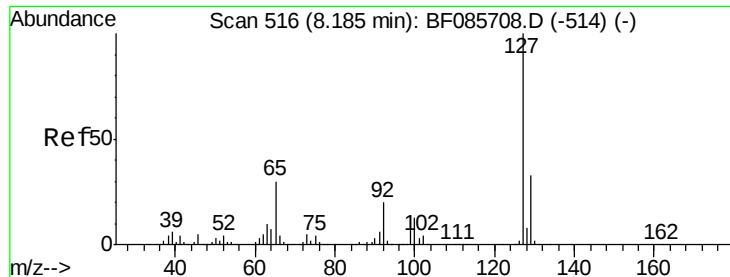
Tgt Ion:	122	Resp:	11350
Ion Ratio	Lower	Upper	
122	100		
105	103.7	102.9	142.9
77	86.2	71.8	111.8

Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





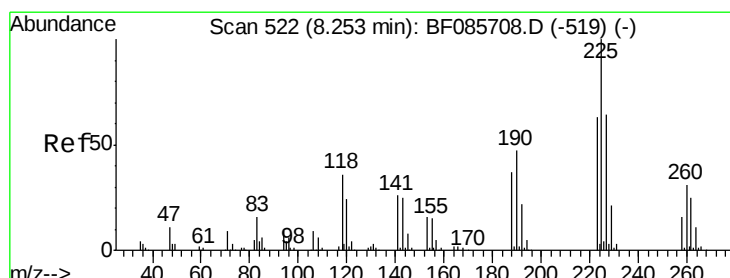
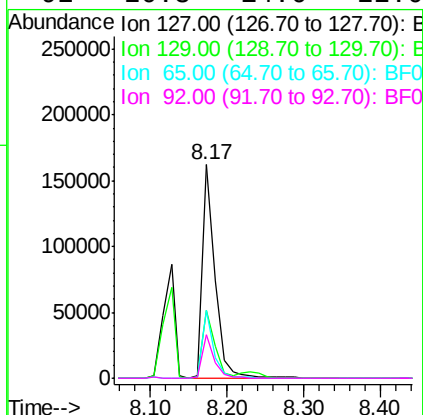
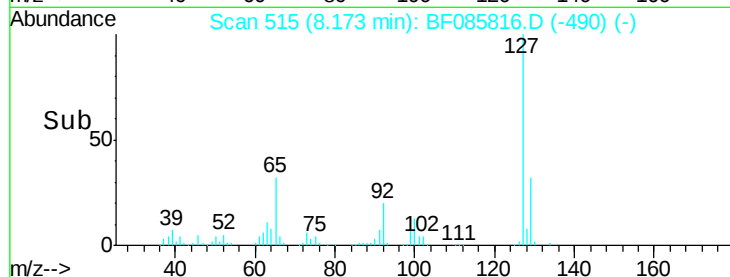
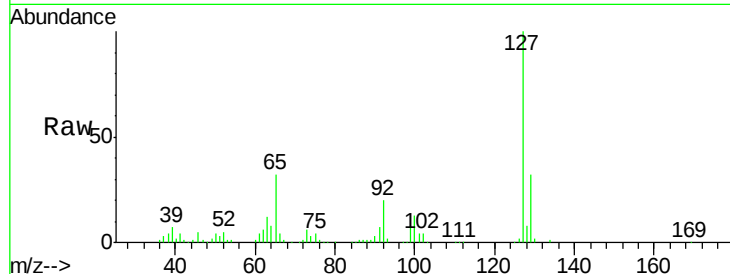
#33
4-Chloroaniline
Concen: 19.42 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.6	26.1	39.1
65	32.0	19.5	29.3
92	20.3	14.6	22.0

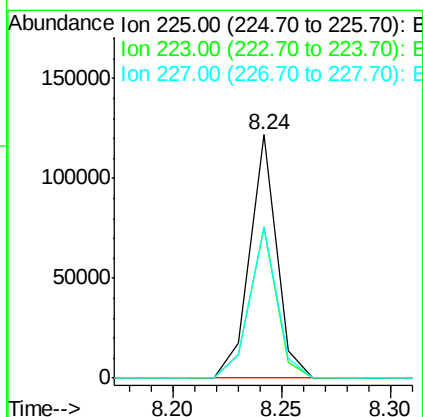
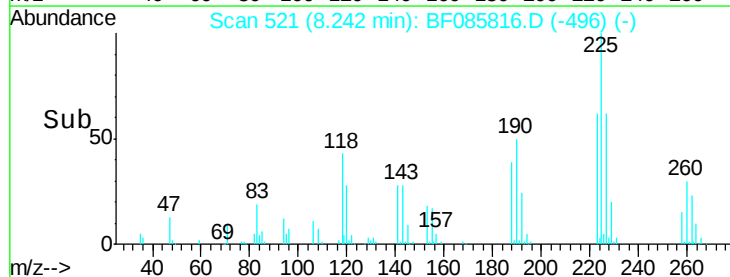
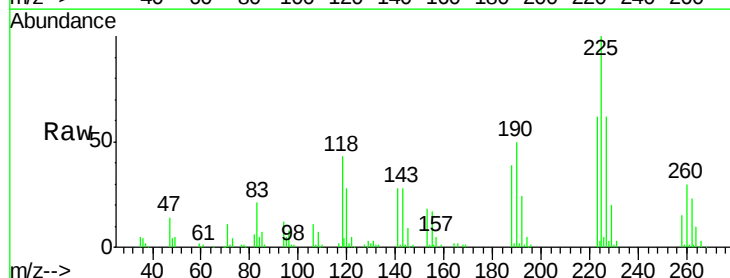
Manual Integrations
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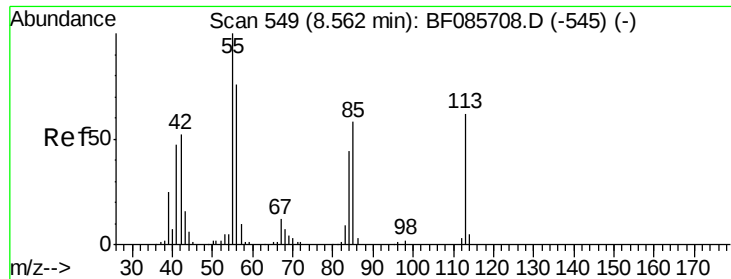
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#34
Hexachlorobutadiene
Concen: 28.22 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.6	50.4	75.6
227	62.2	51.4	77.2





#35

Caprolactam

Concen: 28.49 ng

RT: 8.54 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

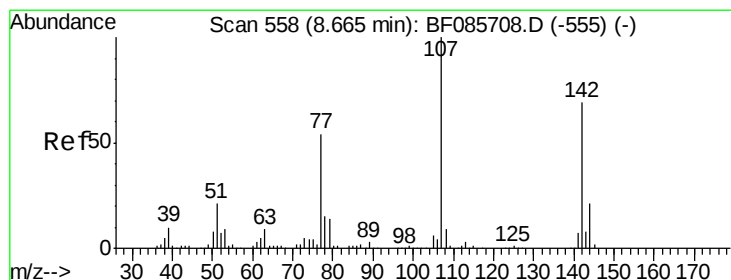
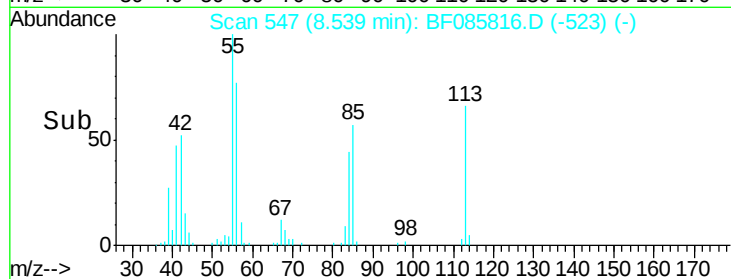
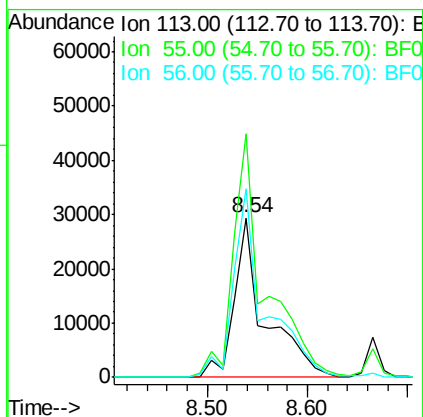
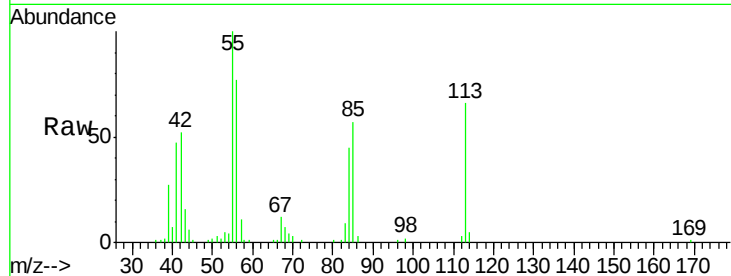
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion:113 Resp: 62391
 Ion Ratio Lower Upper
 113 100
 55 152.5 139.4 179.4
 56 117.9 100.4 140.4

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#36

4-Chloro-3-methylphenol

Concen: 29.82 ng

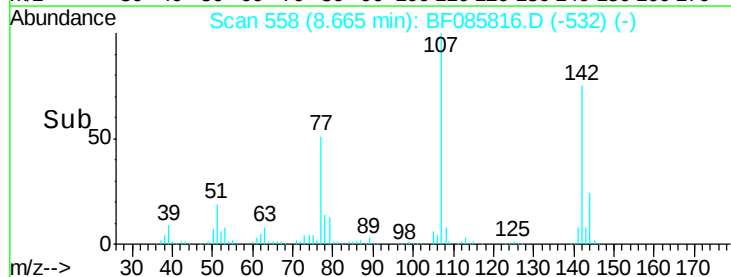
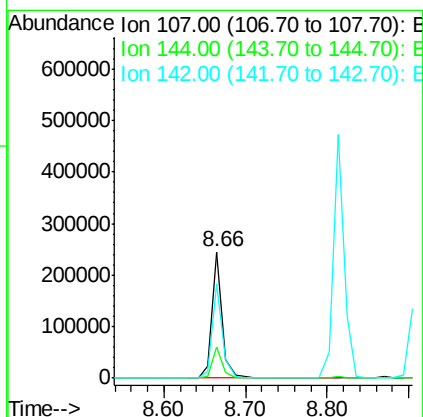
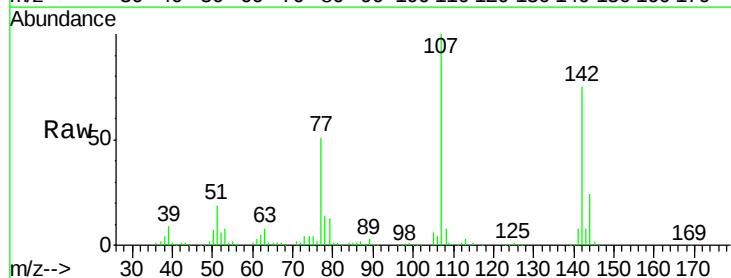
RT: 8.66 min Scan# 558

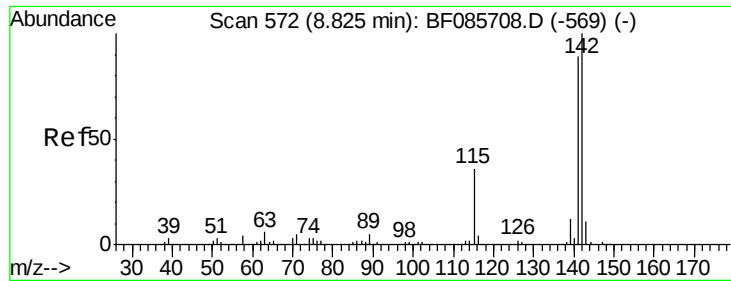
Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:107 Resp: 215330
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 74.6 61.4 92.0





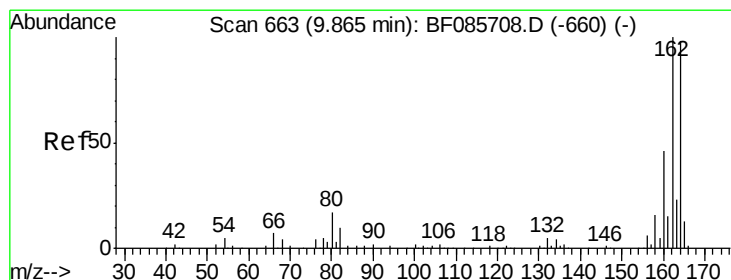
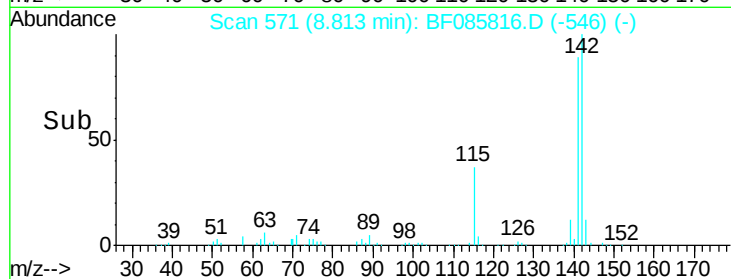
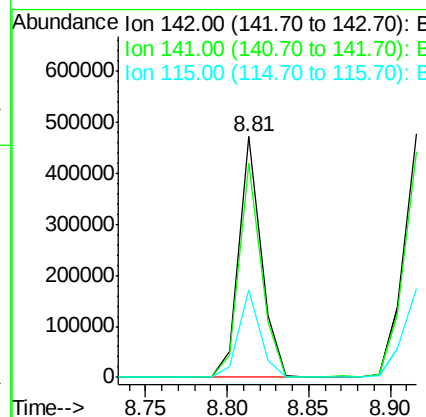
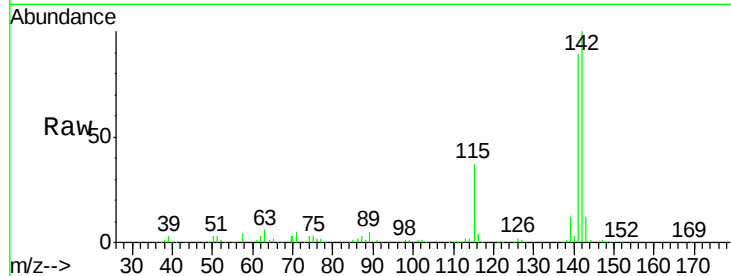
#37
2-Methylnaphthalene
Concen: 30.42 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	36.5	26.8	40.2

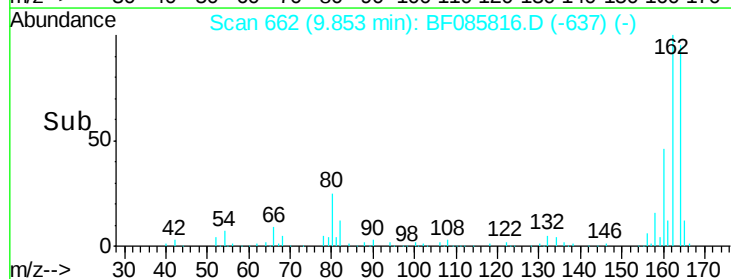
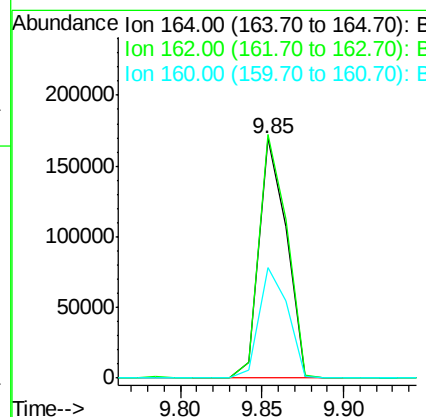
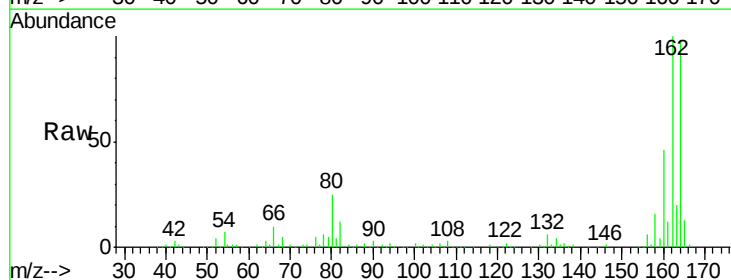
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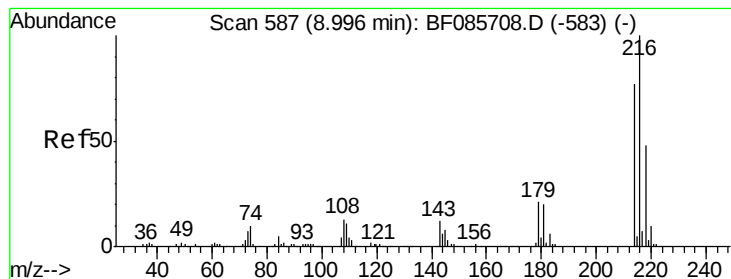
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.1	123.1
160	46.4	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.70 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

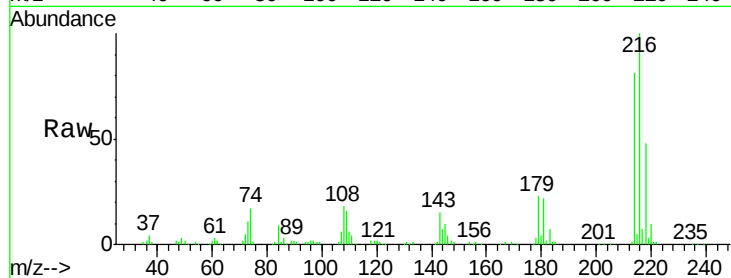
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		192101		
214	80.8	63.1	94.7		
179	23.5	18.2	27.2		
108	22.7	17.3	25.9		

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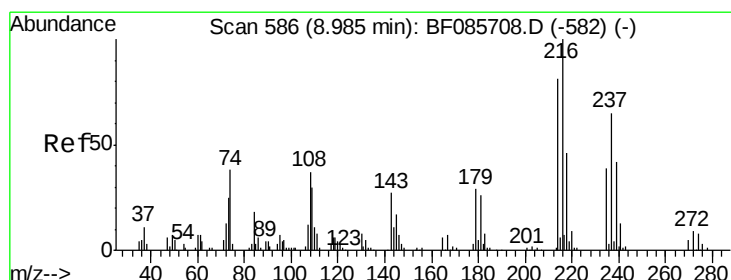
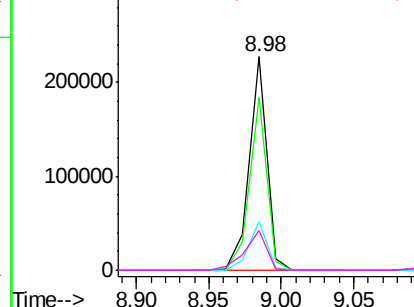
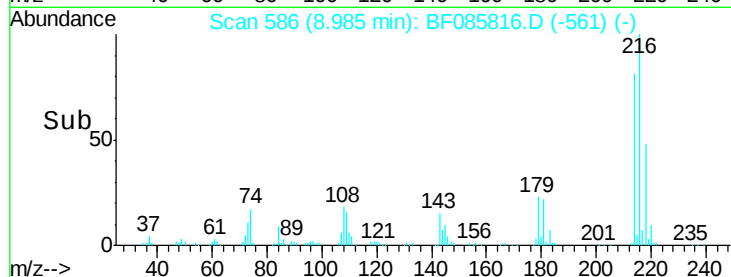


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.57 ng

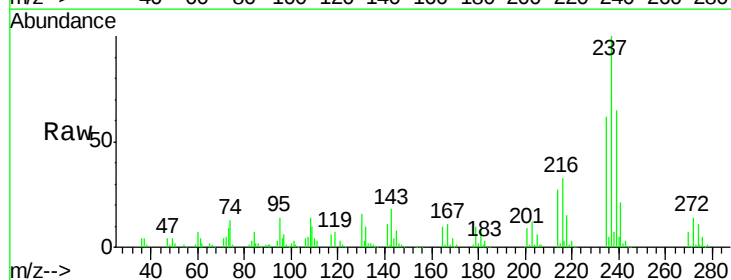
RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

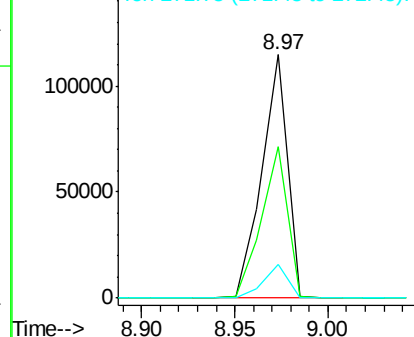
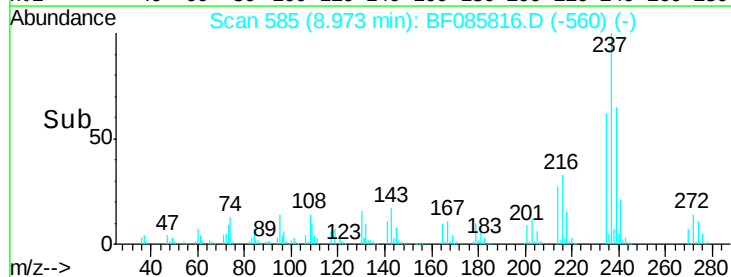
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		108947		
235	62.1	43.7	83.7		
272	13.6	0.0	31.9		

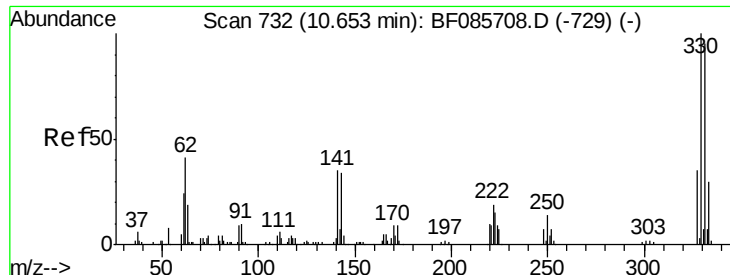


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





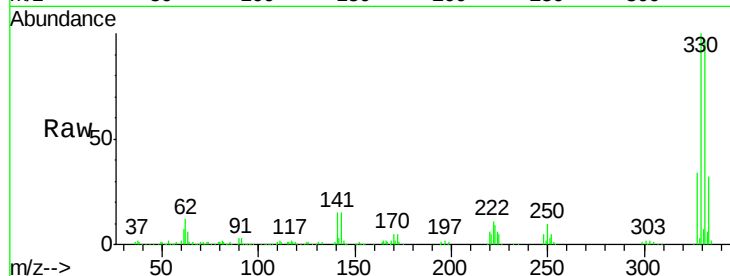
#41
 2,4,6-Tribromophenol
 Concen: 112.82 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

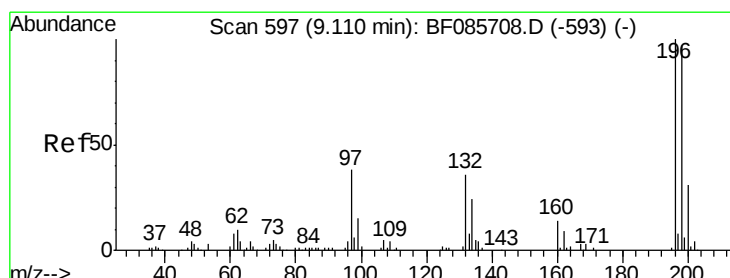
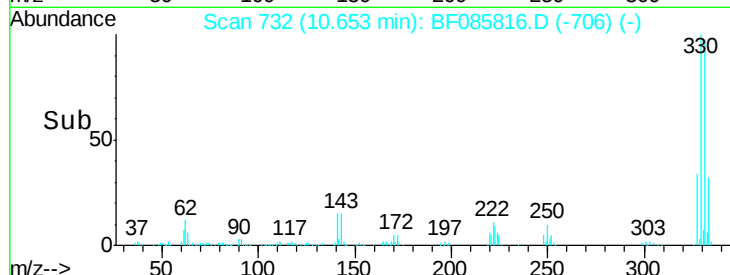
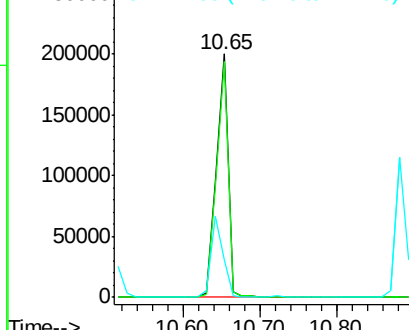
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	212376		
332	96.0	78.2	117.2	
141	34.4	31.5	47.3	

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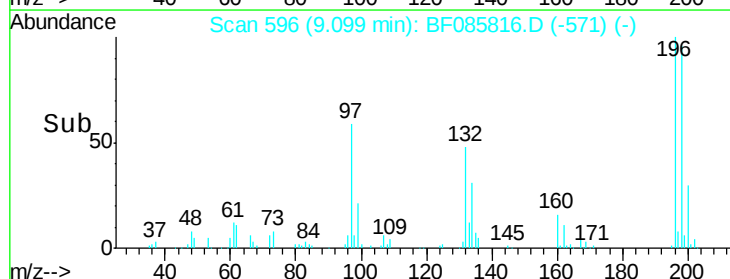
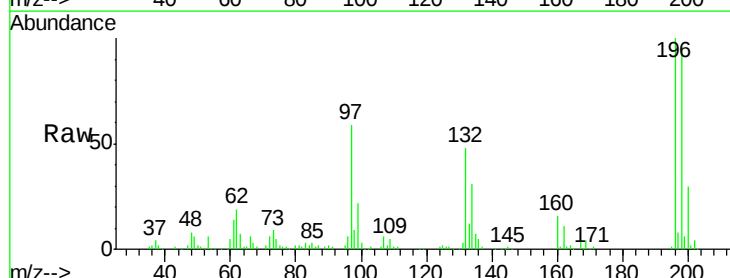
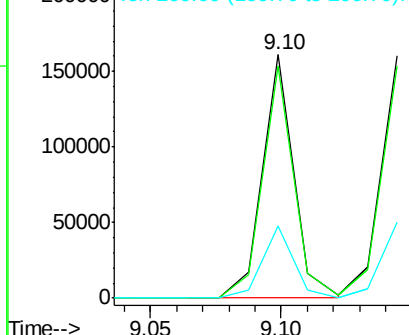
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

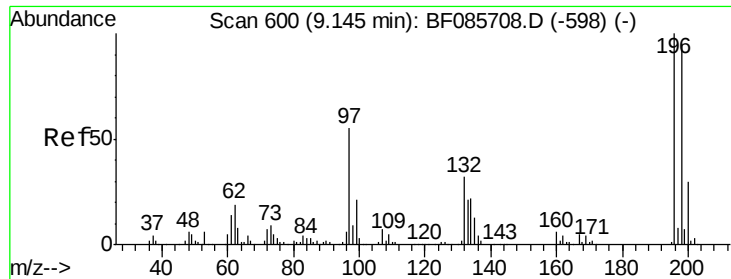


#42
 2,4,6-Trichlorophenol
 Concen: 33.96 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	134774		
198	95.6	75.3	112.9	
200	29.6	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





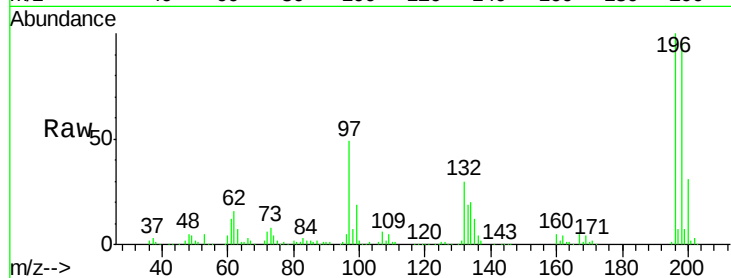
#43
 2,4,5-Trichlorophenol
 Concen: 33.59 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

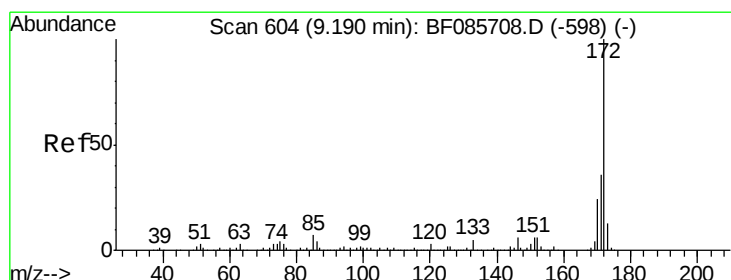
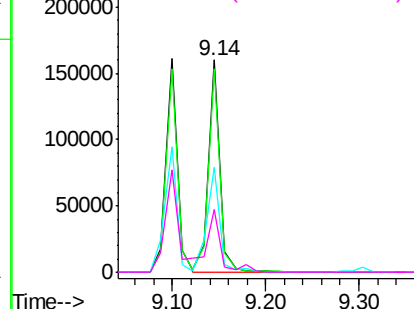
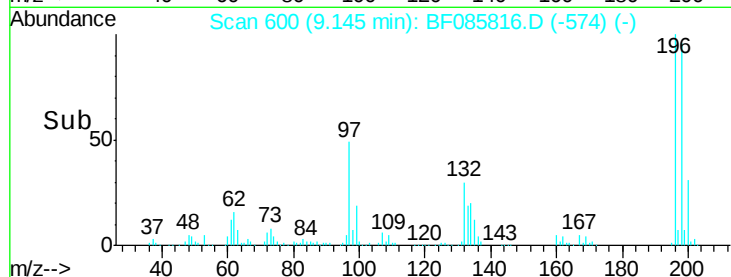
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139778		
198	96.0	76.6	114.8	
97	49.5	30.5	45.7	
132	29.6	20.2	30.2	

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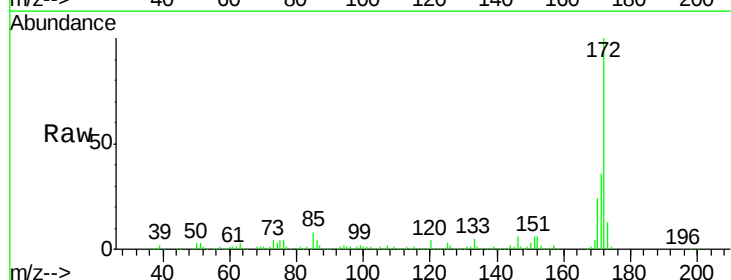


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

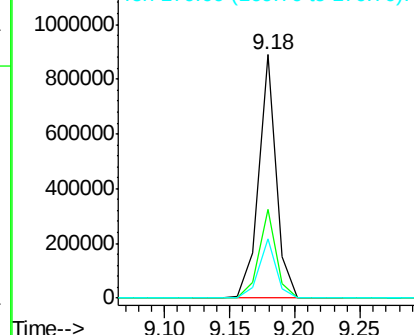
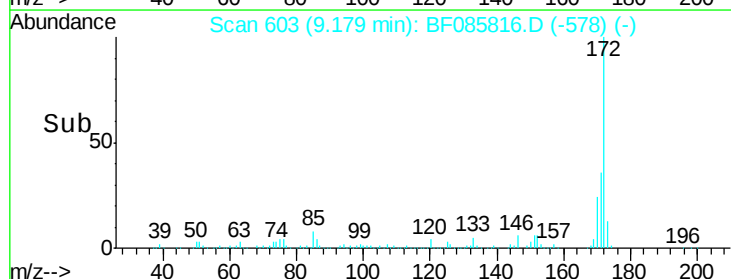


#44
 2-Fluorobiphenyl
 Concen: 70.25 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	833083		
171	36.4	29.4	44.2	
170	24.4	19.8	29.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.15 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

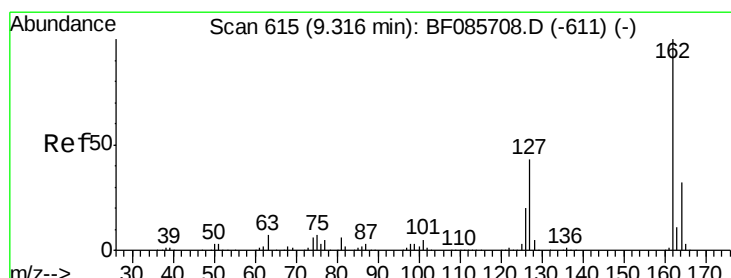
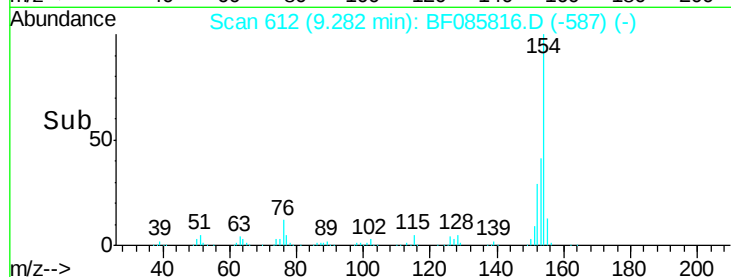
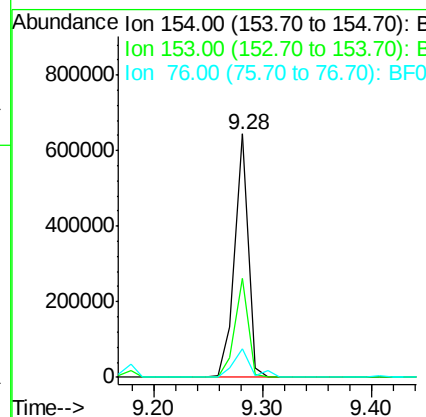
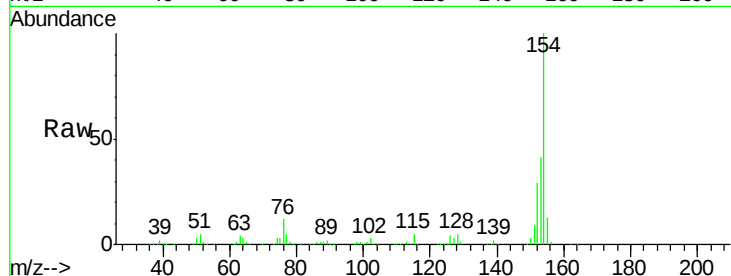
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion:	154	Resp:	554296
Ion Ratio		Lower	Upper
154	100		
153	40.8	20.8	60.8
76	11.9	0.0	36.7

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#46

2-Chloronaphthalene

Concen: 33.10 ng

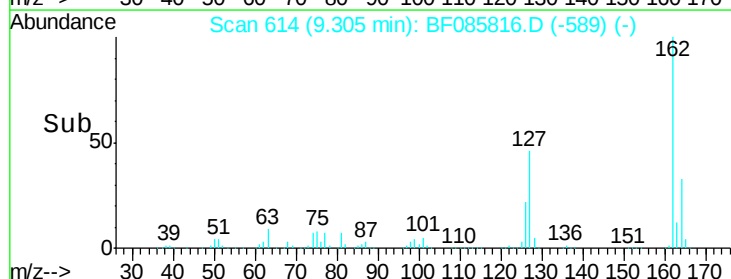
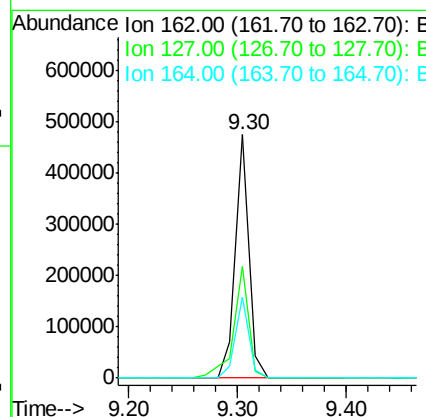
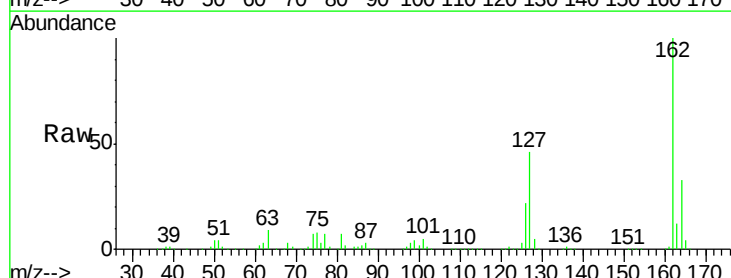
RT: 9.30 min Scan# 614

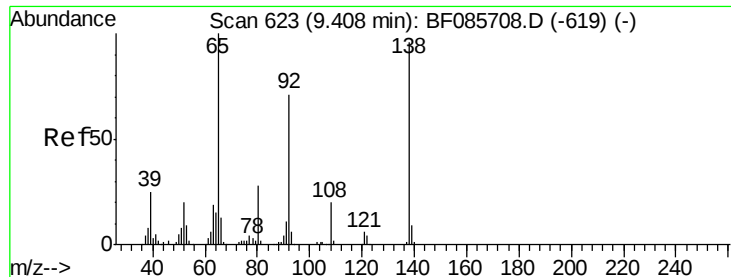
Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	162	Resp:	406956
Ion Ratio		Lower	Upper
162	100		
127	45.9	31.7	47.5
164	33.1	27.3	40.9





#47

2-Nitroaniline

Concen: 34.70 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD

Tgt Ion: 65 Resp: 130453
Ion Ratio Lower Upper

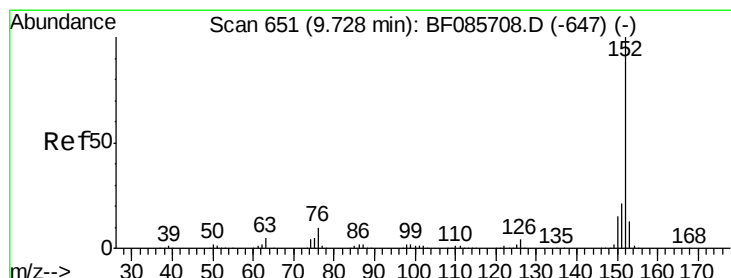
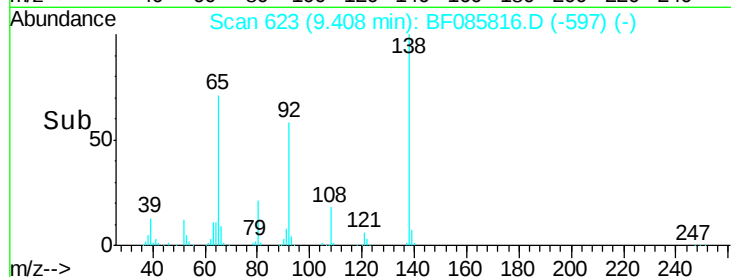
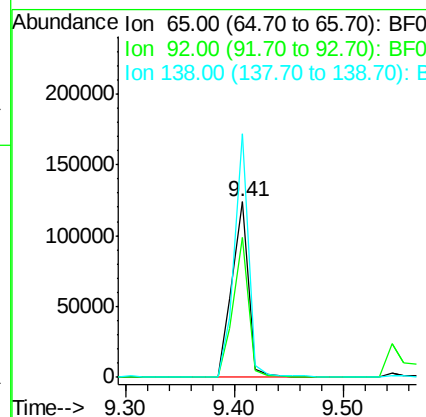
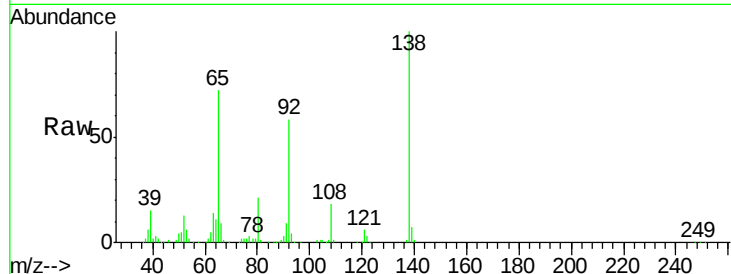
65 100

92 79.9 59.7 89.5

138 138.8 91.4 137.0#

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#48

Acenaphthylene

Concen: 31.04 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF085816.D

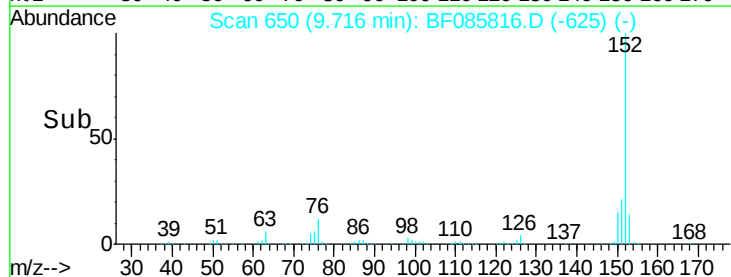
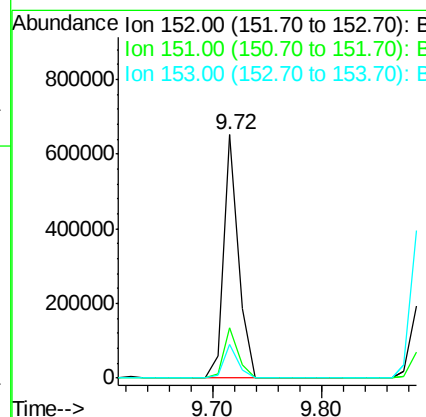
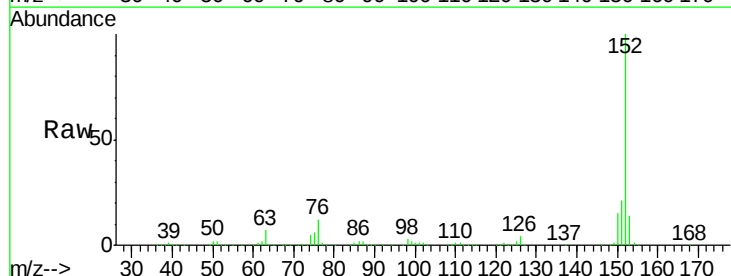
Acq: 28 Mar 2016 22:10

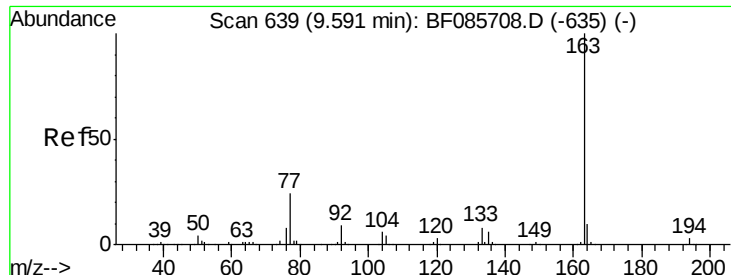
Tgt Ion: 152 Resp: 621726
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.8 10.9 16.3





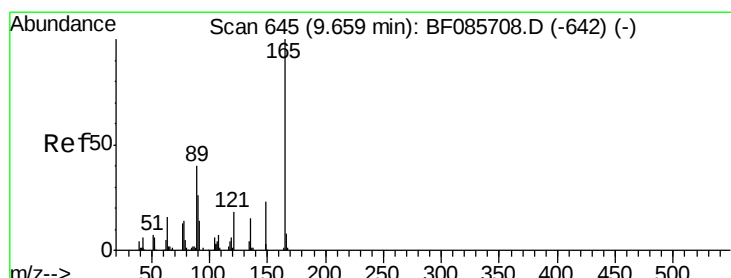
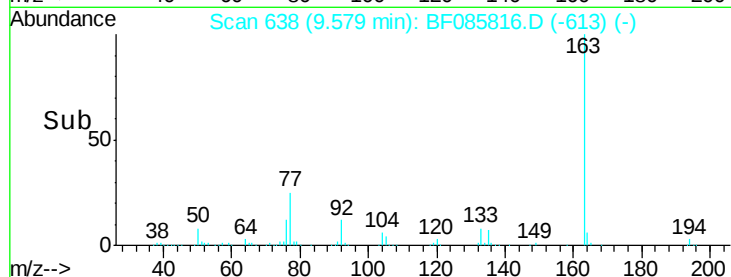
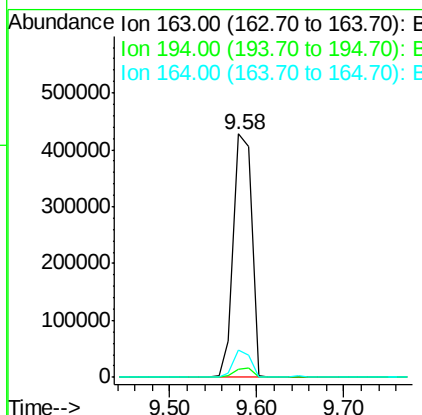
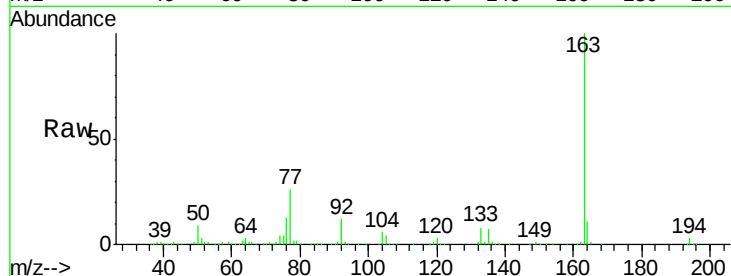
#49
Dimethylphthalate
Concen: 41.41 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.9	4.3
164	11.0	8.3	12.5

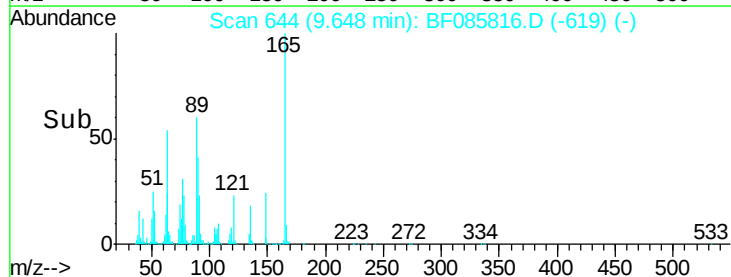
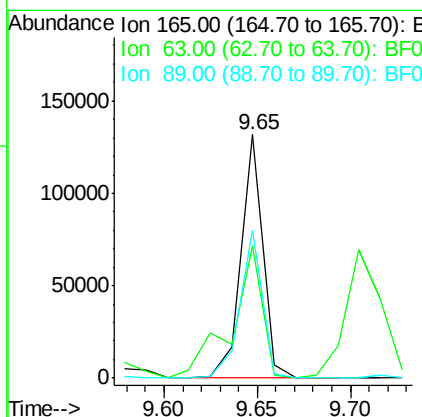
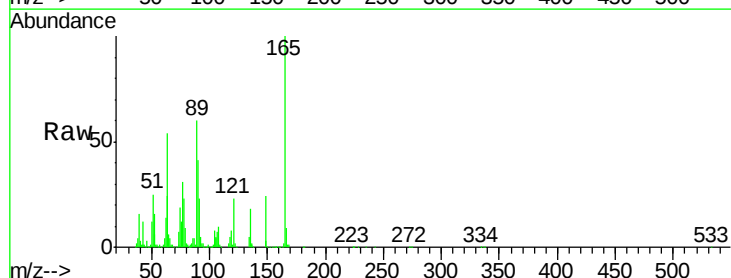
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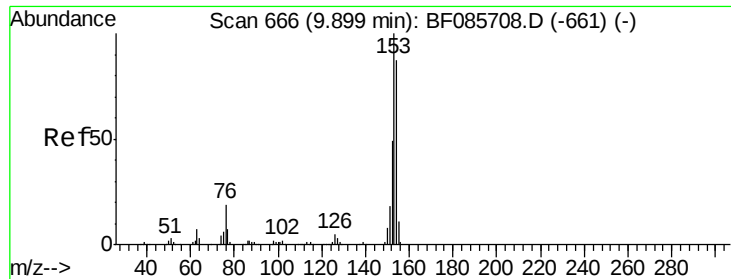
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#50
2,6-Dinitrotoluene
Concen: 33.27 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.1	51.8	77.8
89	60.4	53.7	80.5





#51

Acenaphthene

Concen: 29.92 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085816.D

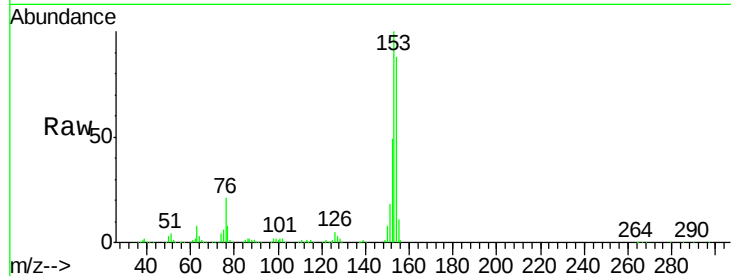
Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD



Tgt Ion:154 Resp: 366092

Ion Ratio Lower Upper

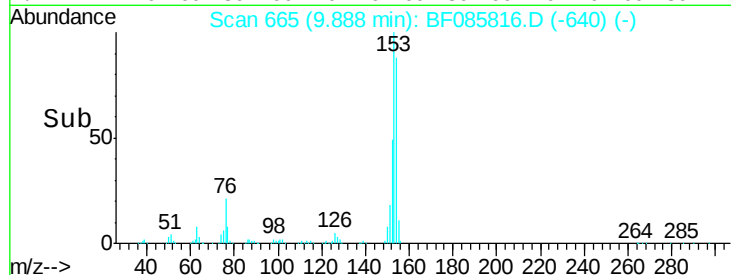
154 100

153 113.1 90.1 135.1

152 55.0 44.2 66.2

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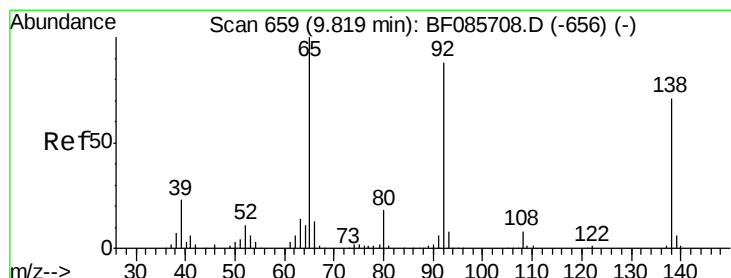
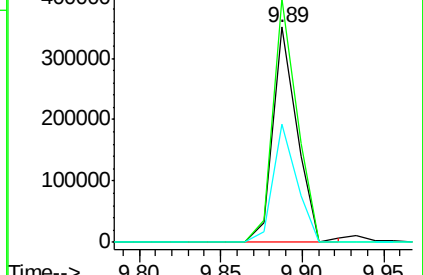
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.57 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

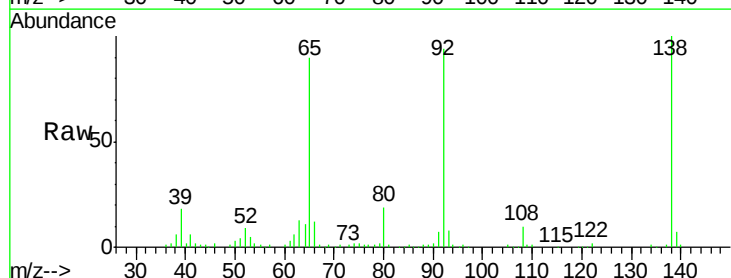
Tgt Ion:138 Resp: 98411

Ion Ratio Lower Upper

138 100

108 9.9 8.7 13.1

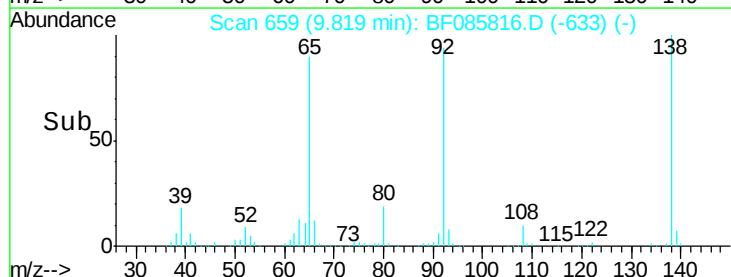
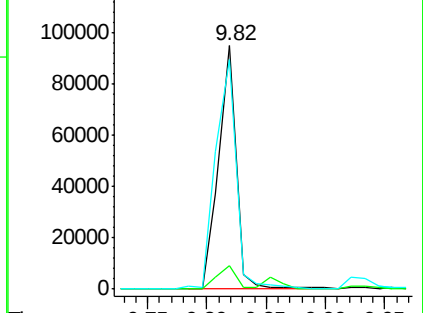
92 94.1 93.3 139.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

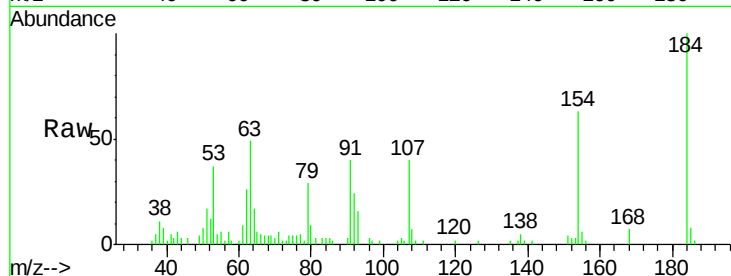
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 21.67 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

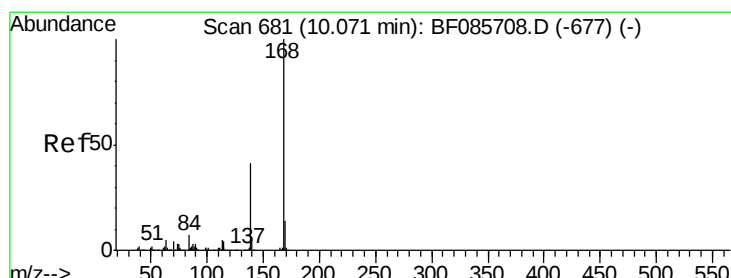
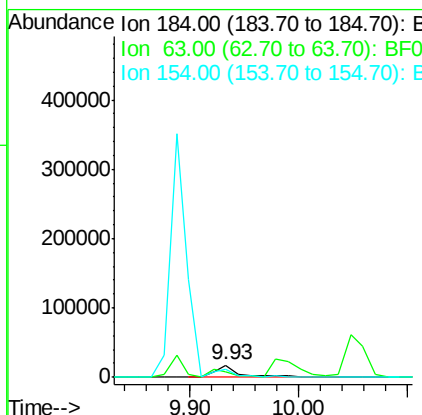
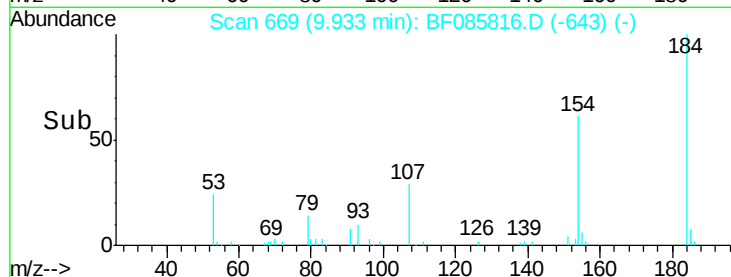
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	27632		
63	48.8	69.5	104.3	#
154	63.4	58.3	87.5	

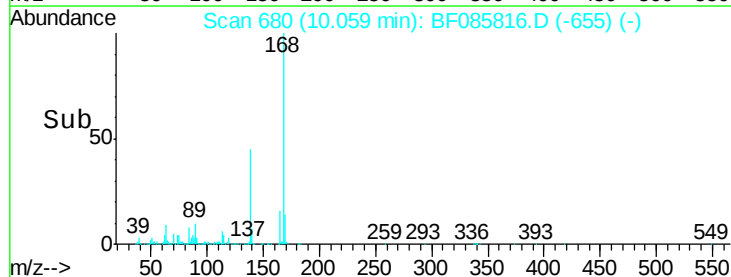
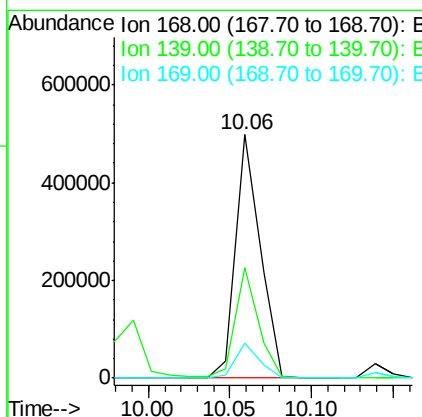
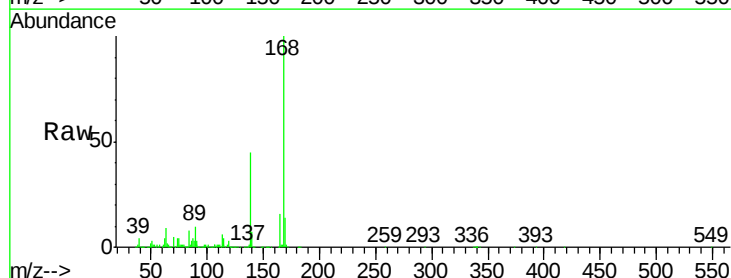
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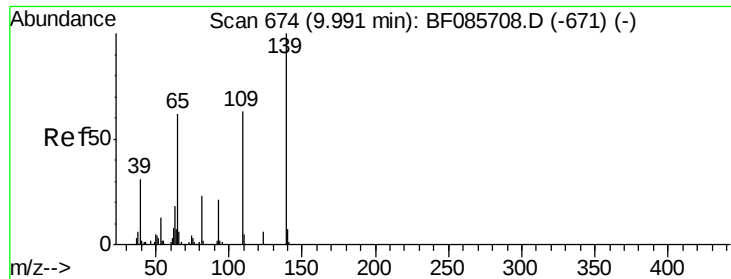
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#54
 Dibenzofuran
 Concen: 32.58 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	515920		
139	45.4	31.9	47.9	
169	14.1	11.0	16.6	





#55

4-Nitrophenol

Concen: 63.06 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085816.D

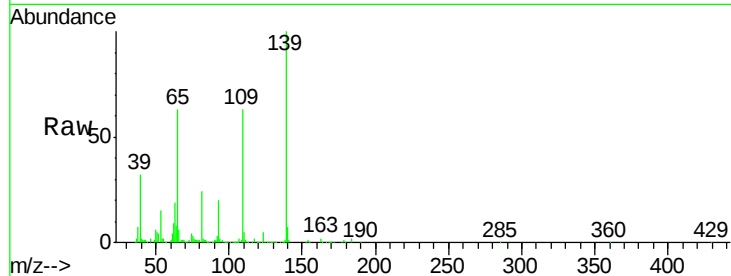
Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD



Tgt Ion:139 Resp: 152155

Ion Ratio Lower Upper

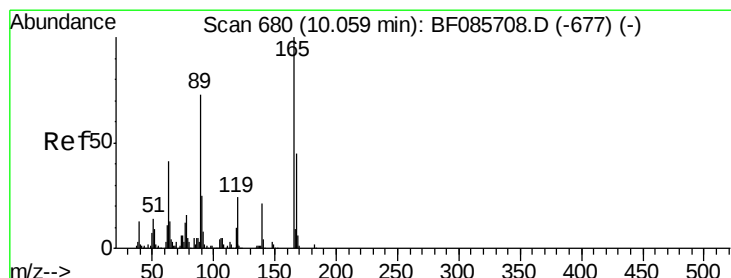
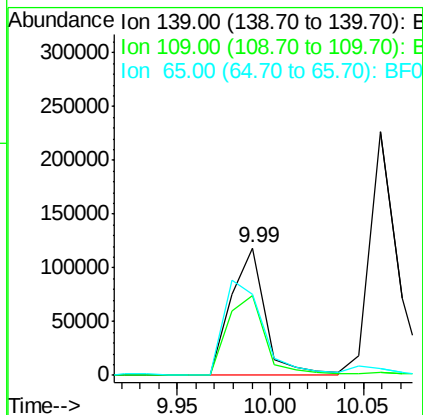
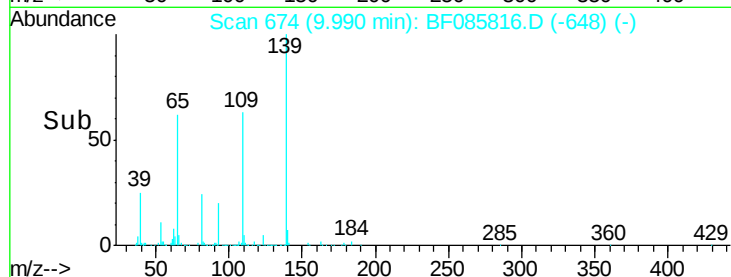
139 100

109 62.8 49.2 89.2

65 63.3 66.9 106.9#

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#56

2,4-Dinitrotoluene

Concen: 31.10 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:165 Resp: 127914

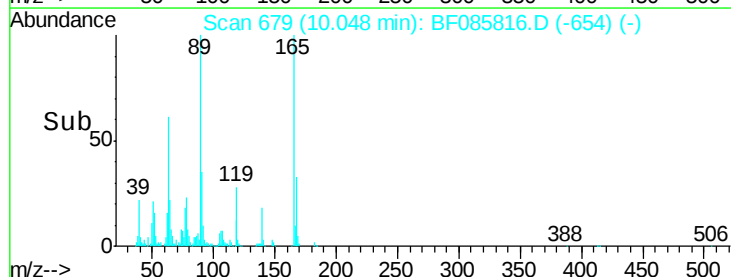
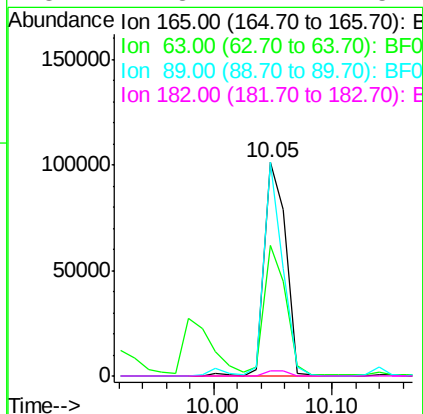
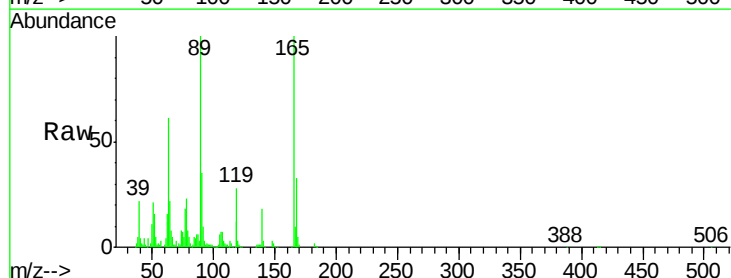
Ion Ratio Lower Upper

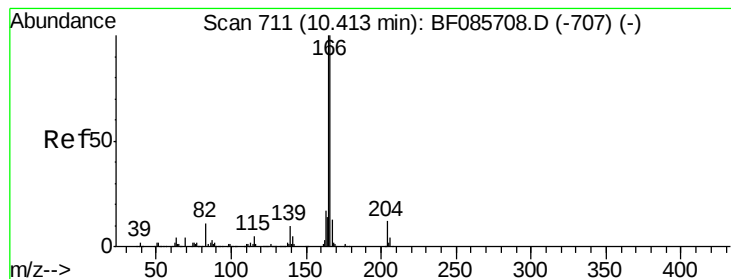
165 100

63 61.1 24.9 37.3#

89 99.8 41.0 61.6#

182 2.3 2.1 3.1





#57

Fluorene

Concen: 30.88 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

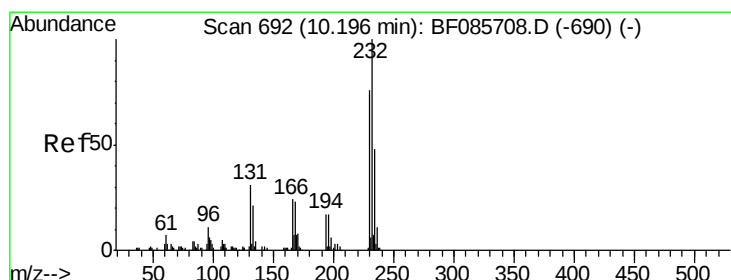
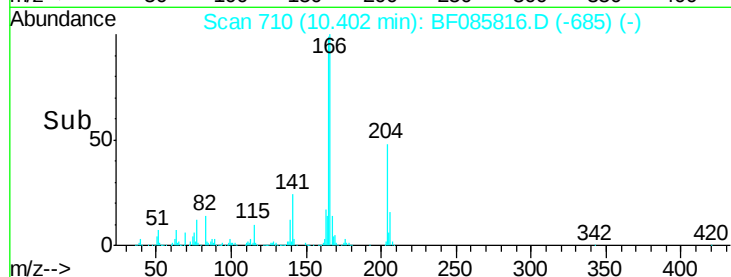
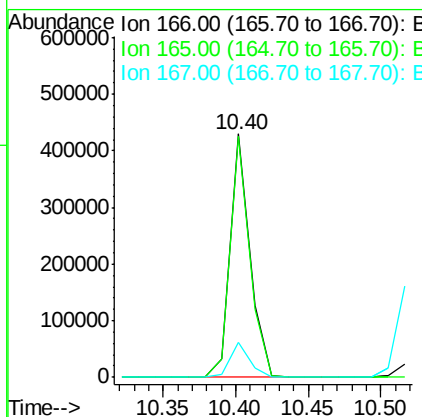
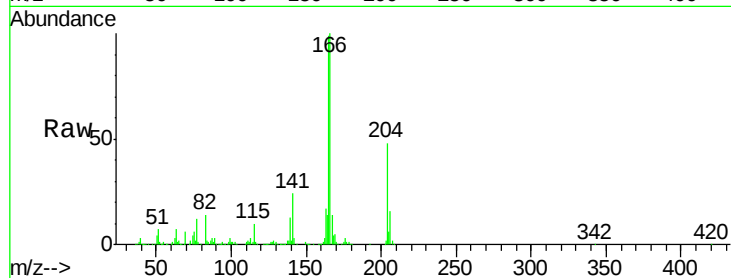
GW-04(16-18)MSD

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Tgt Ion:	166	Resp:	406528
Ion Ratio		Lower	Upper
166	100		
165	99.2	79.4	119.0
167	14.1	11.0	16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.11 ng

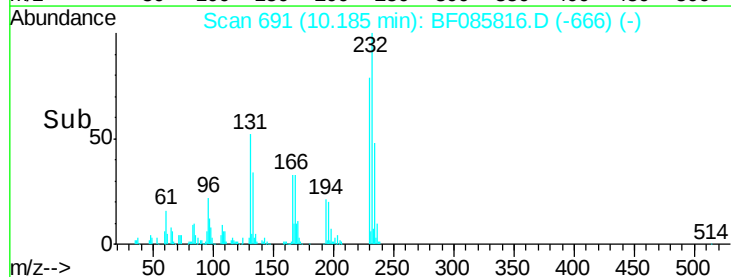
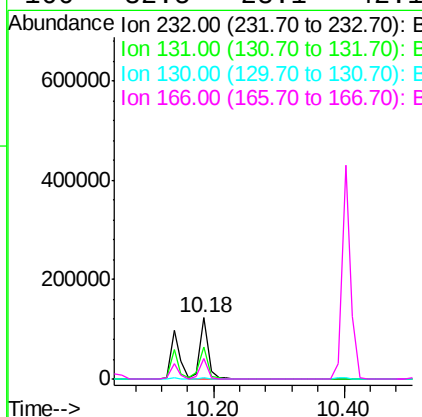
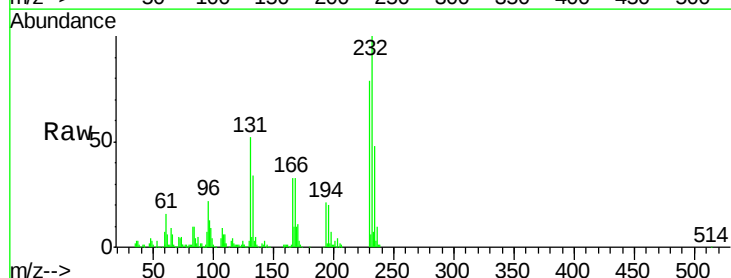
RT: 10.18 min Scan# 691

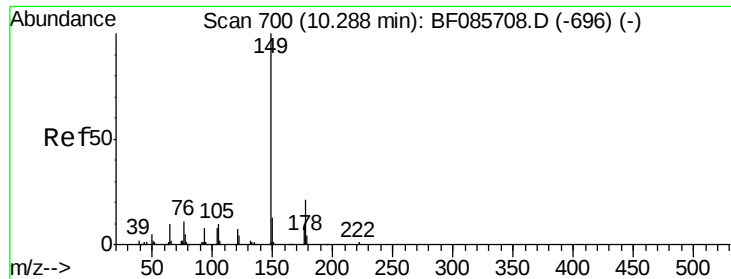
Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	232	Resp:	110213
Ion Ratio		Lower	Upper
232	100		
131	52.0	44.9	67.3
130	3.0	2.3	3.5
166	32.5	28.1	42.1





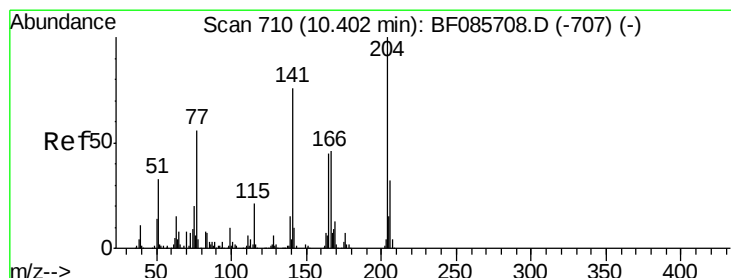
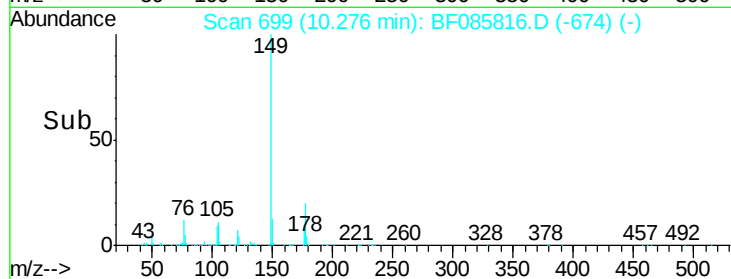
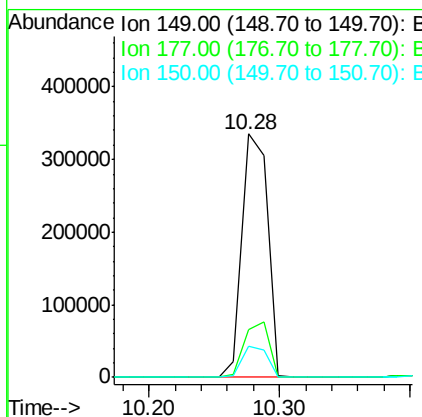
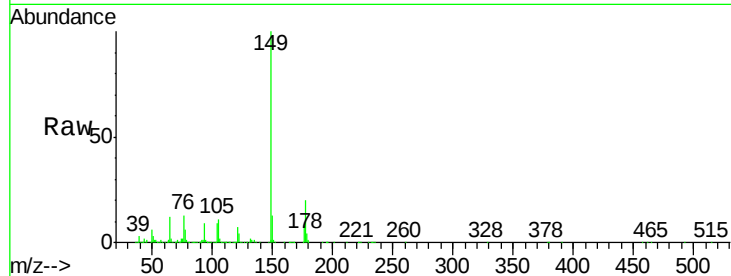
#59
Diethylphthalate
Concen: 30.84 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	458037		
177	19.9	17.9	26.9	
150	13.1	10.2	15.2	

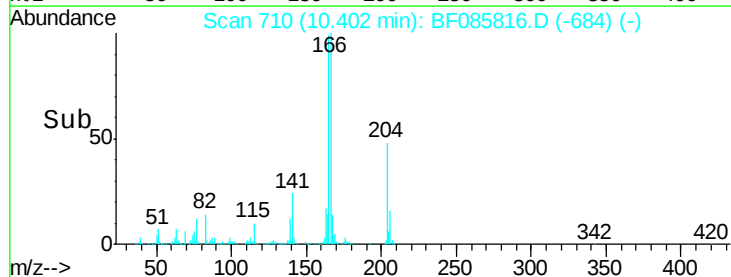
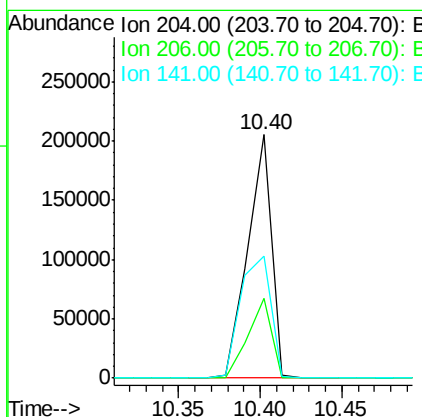
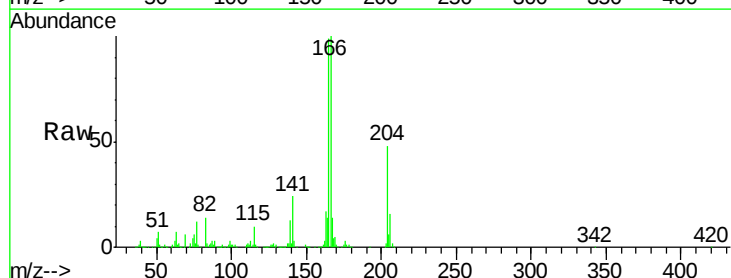
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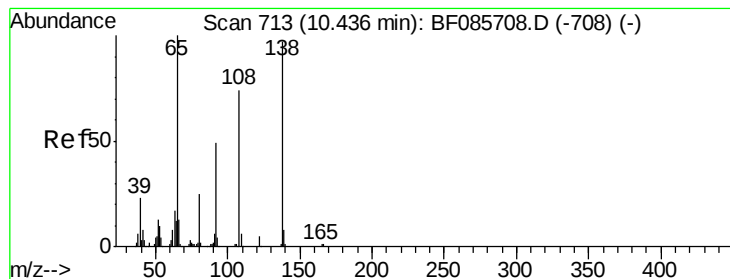
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#60
4-Chlorophenyl-phenylether
Concen: 32.23 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	207474		
206	32.9	26.6	39.8	
141	50.1	57.4	86.0	





#61

4-Nitroaniline

Concen: 28.12 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

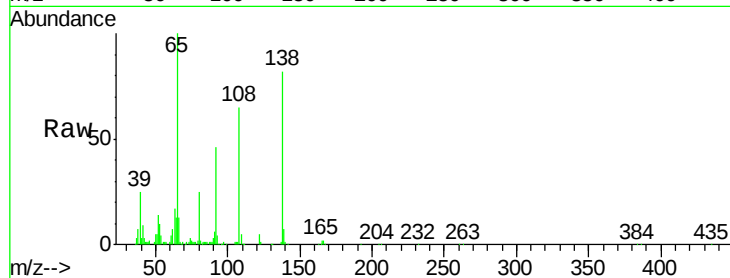
ClientSampleId :

GW-04(16-18)MSD

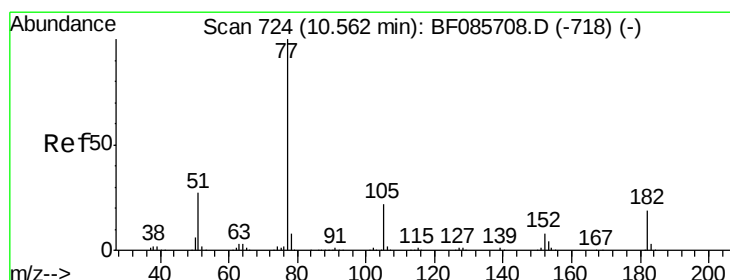
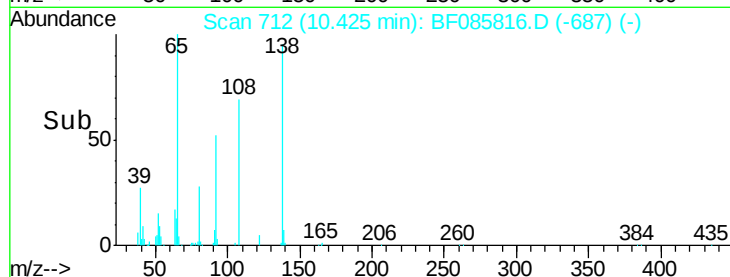
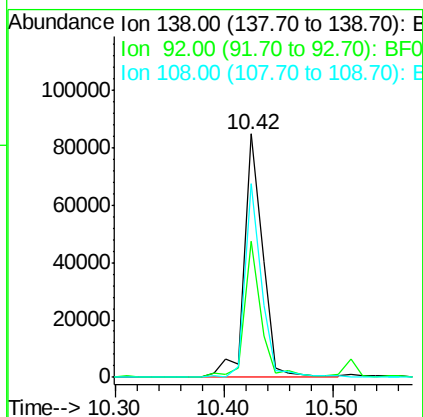
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Tgt Ion:	138	Resp:	99610
Ion Ratio	Lower	Upper	
138	100		
92	55.7	26.4	66.4
108	79.5	49.0	89.0



#62

Azobenzene

Concen: 35.66 ng

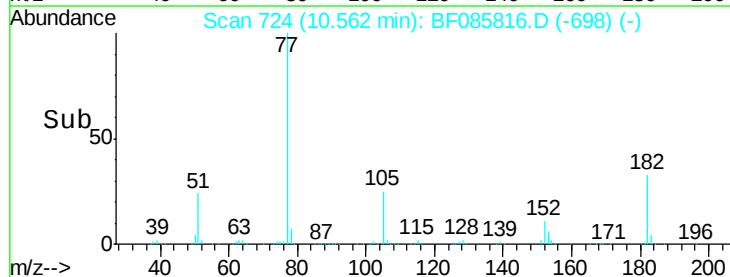
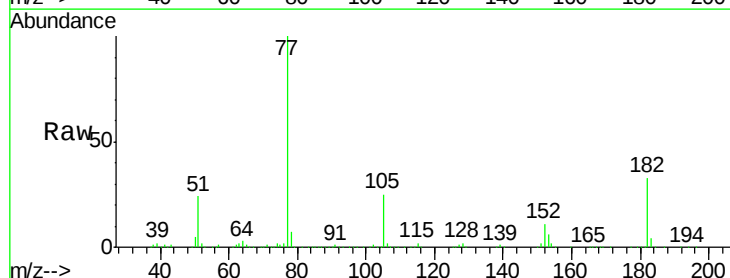
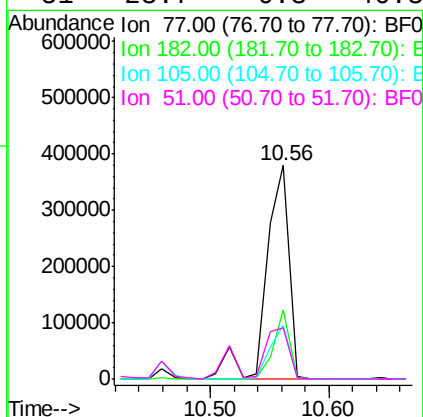
RT: 10.56 min Scan# 724

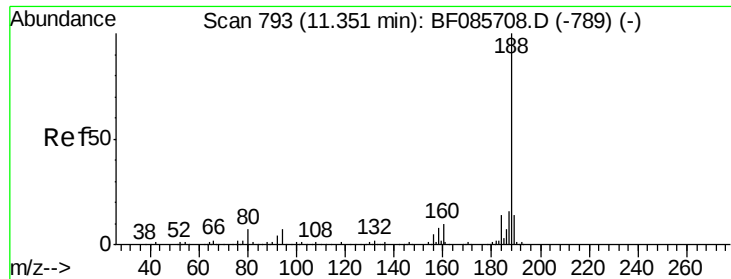
Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	77	Resp:	508942
Ion Ratio	Lower	Upper	
77	100		
182	32.5	1.9	41.9
105	25.5	3.5	43.5
51	23.7	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085816.D

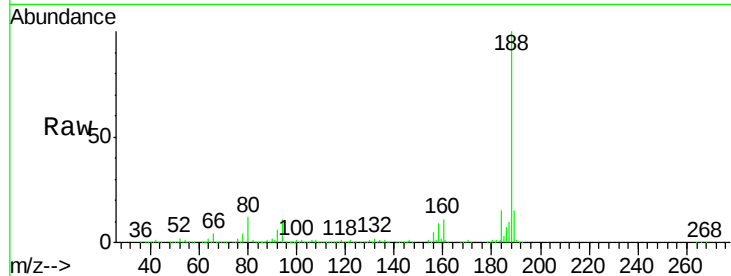
Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD



Tgt Ion:188 Resp: 361531

Ion Ratio Lower Upper

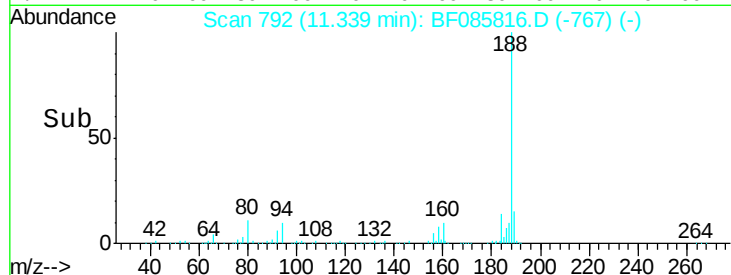
188 100

94 10.9 5.4 8.0#

80 11.6 5.5 8.3#

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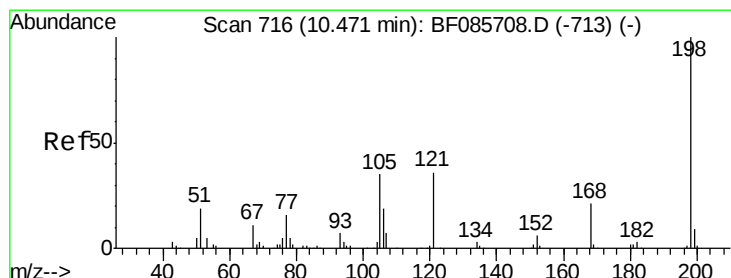
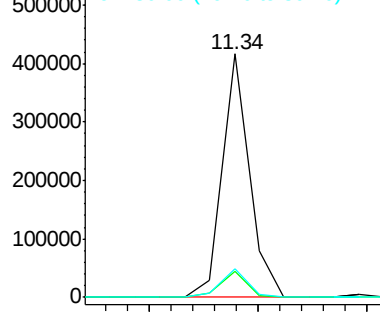
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 25.68 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

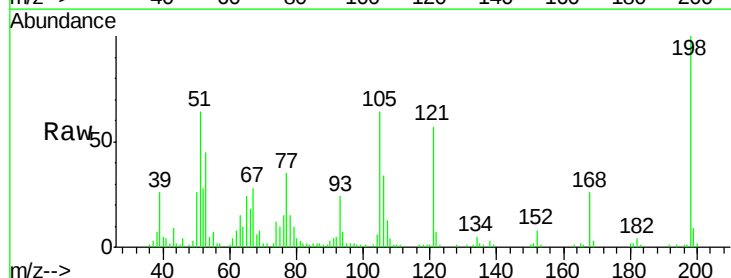
Tgt Ion:198 Resp: 54362

Ion Ratio Lower Upper

198 100

51 63.9 45.4 85.4

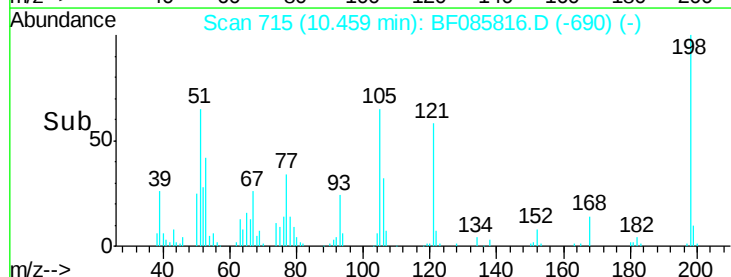
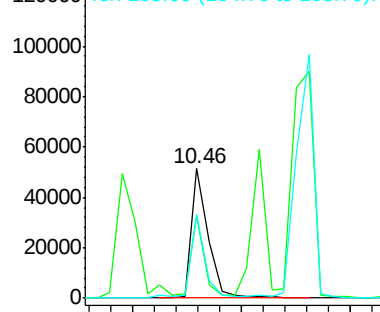
105 64.2 45.9 85.9

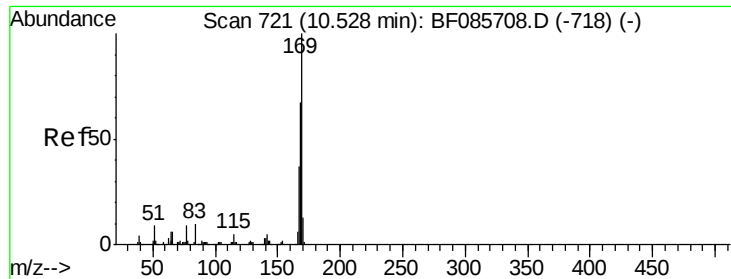


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





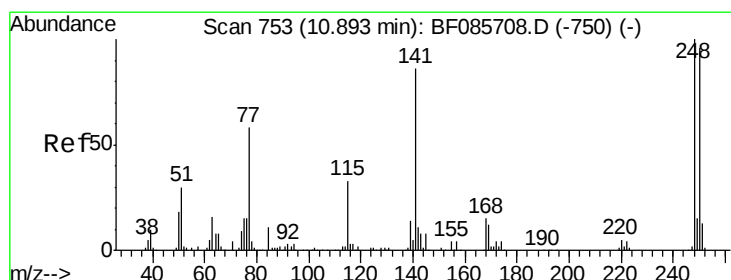
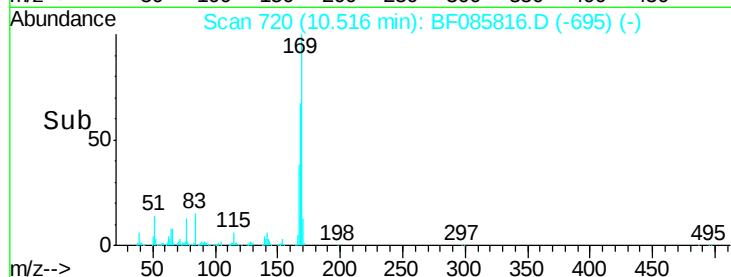
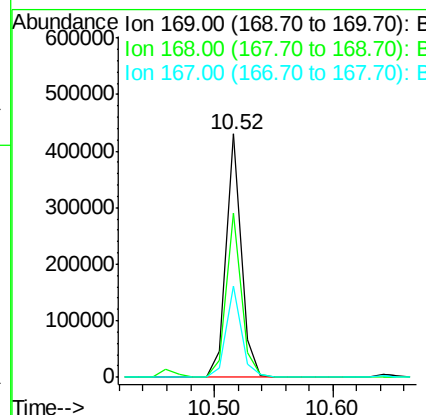
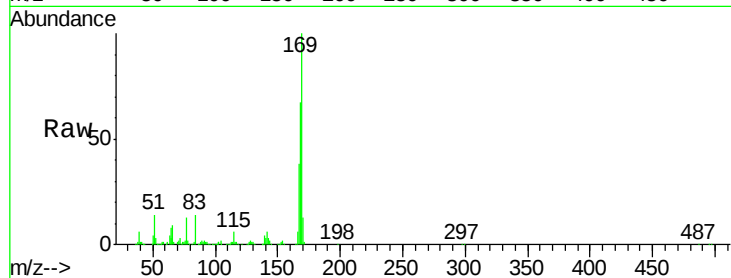
#65
n-Nitrosodiphenylamine
Concen: 32.74 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	374948		
168	67.3	54.4	81.6	
167	37.6	29.4	44.0	

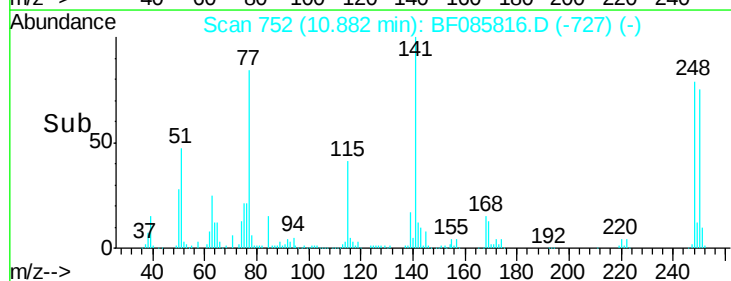
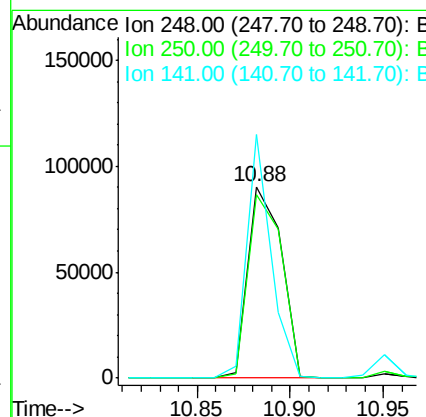
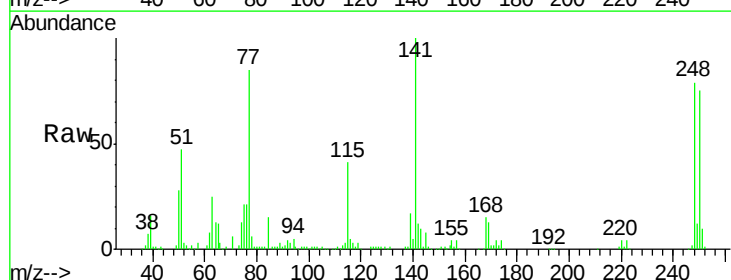
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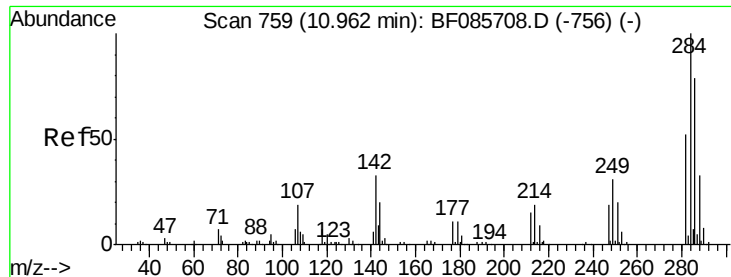
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#66
4-Bromophenyl-phenylether
Concen: 30.62 ng
RT: 10.88 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113266		
250	95.9	77.4	116.0	
141	127.2	63.6	95.4	





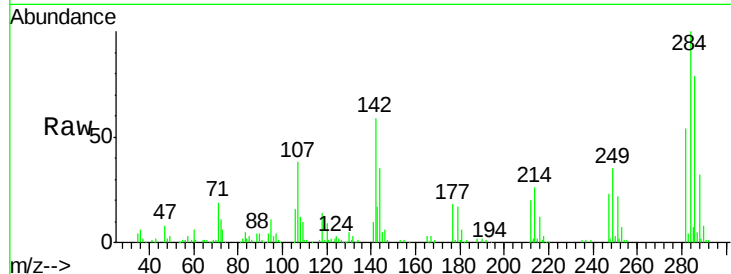
#67
Hexachlorobenzene
Concen: 29.29 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

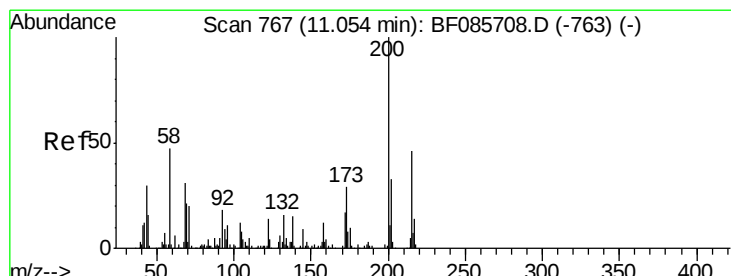
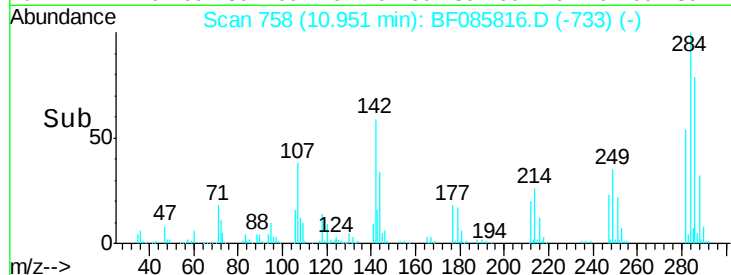
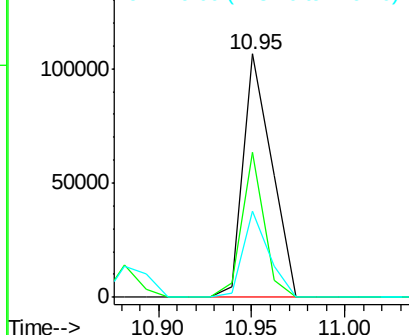
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	59.5	23.1	34.7#
249	35.4	24.2	36.2

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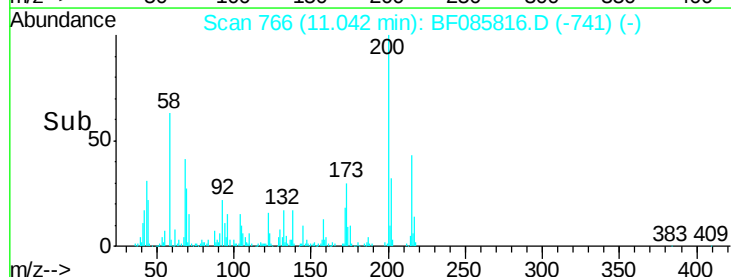
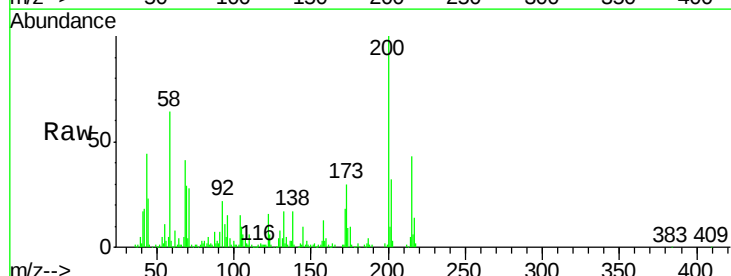
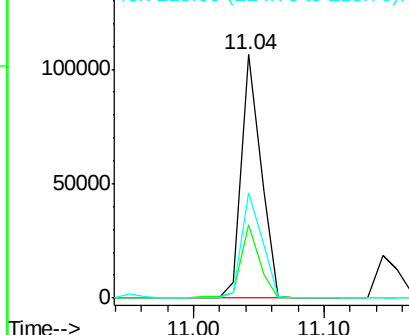
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

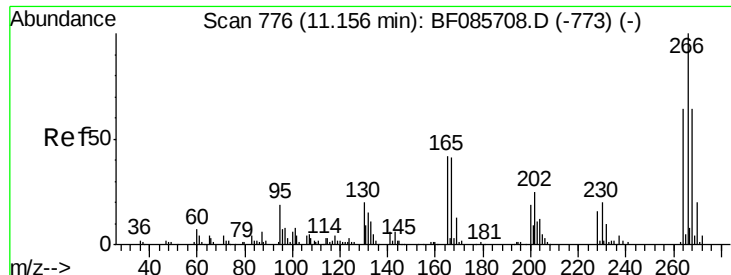


#68
Atrazine
Concen: 28.68 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.0	7.7	47.7
215	43.4	25.4	65.4

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





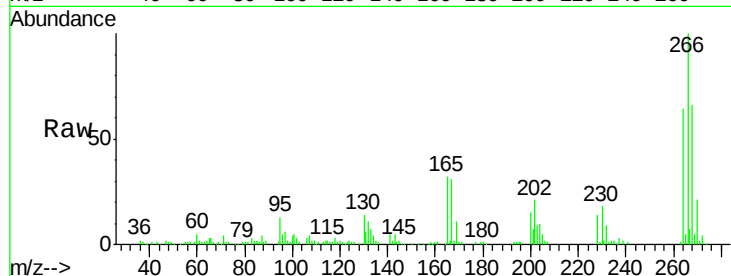
#69
 Pentachlorophenol
 Concen: 60.72 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

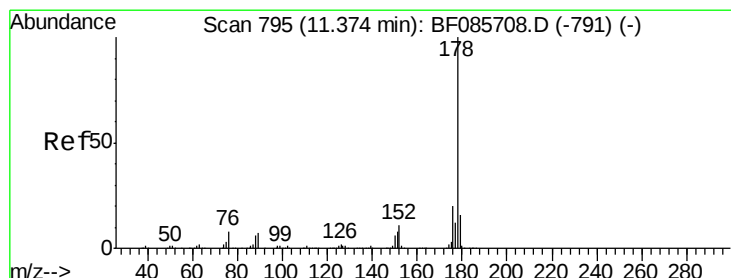
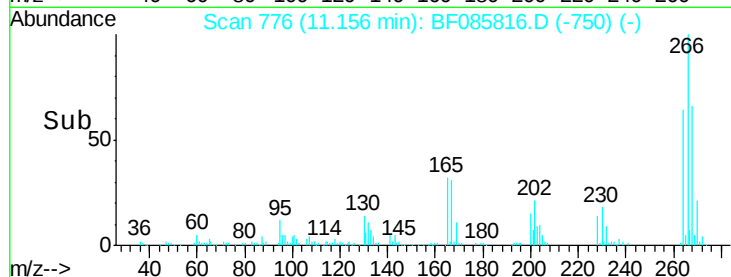
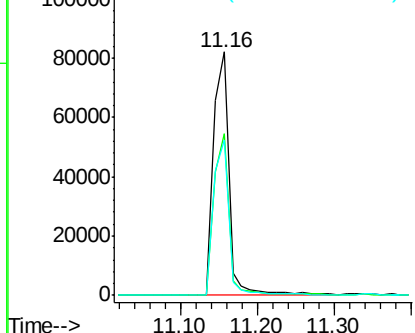
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	115312		
268	66.3	51.5	77.3	
264	63.7	50.6	76.0	

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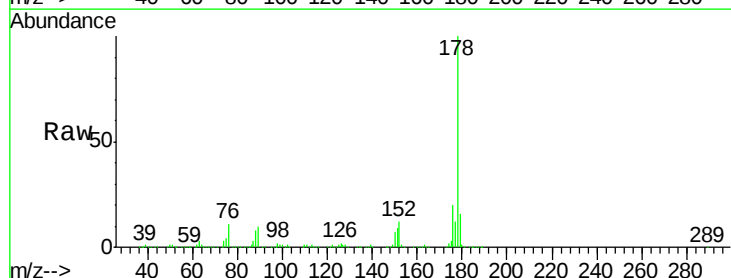


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

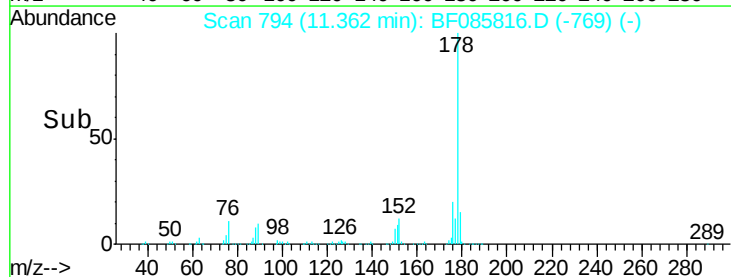
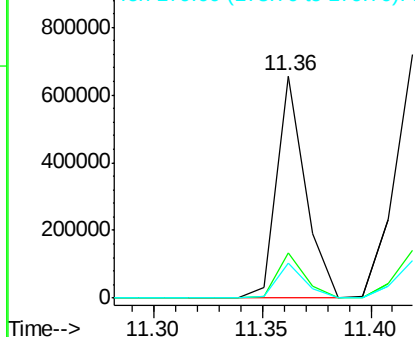


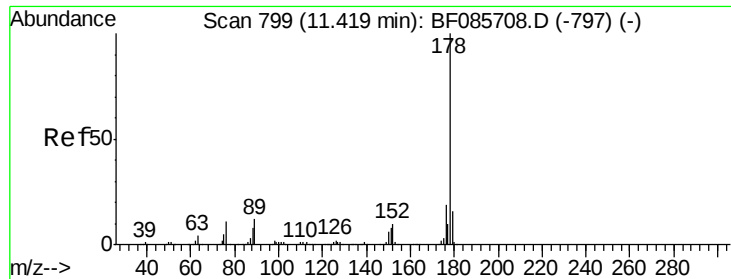
#70
 Phenanthrene
 Concen: 32.60 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	605142		
176	20.3	16.3	24.5	
179	15.7	12.6	18.8	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





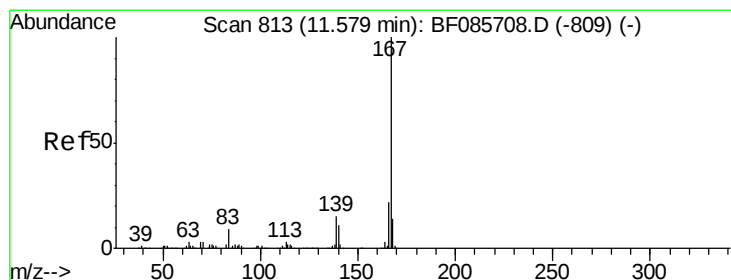
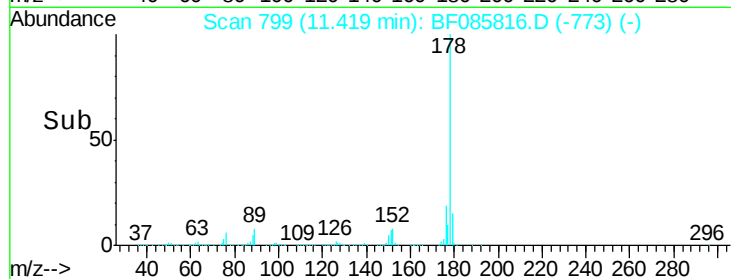
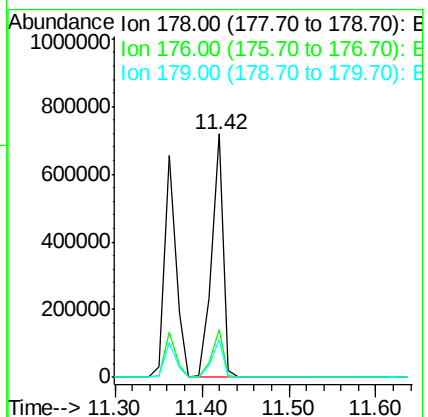
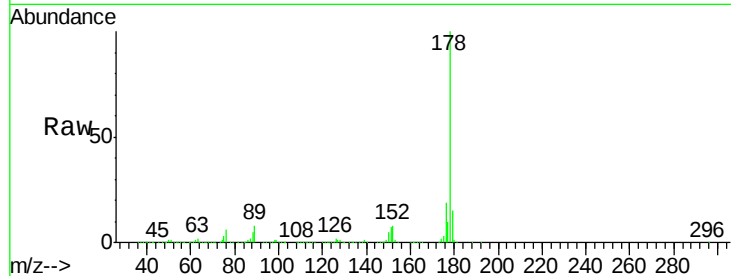
#71
 Anthracene
 Concen: 34.60 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.3	13.0	19.4

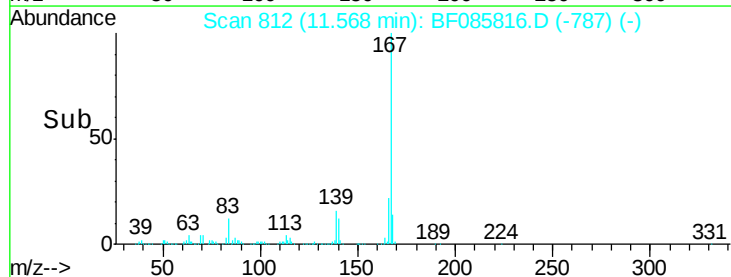
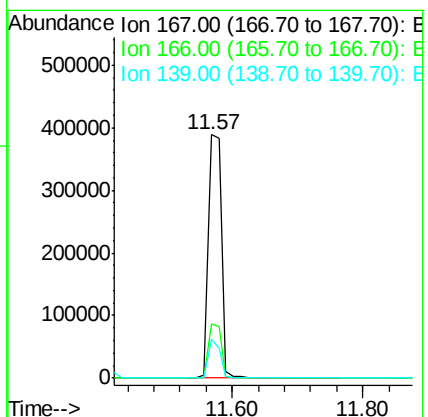
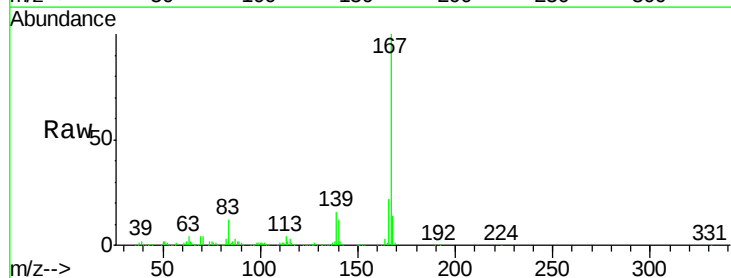
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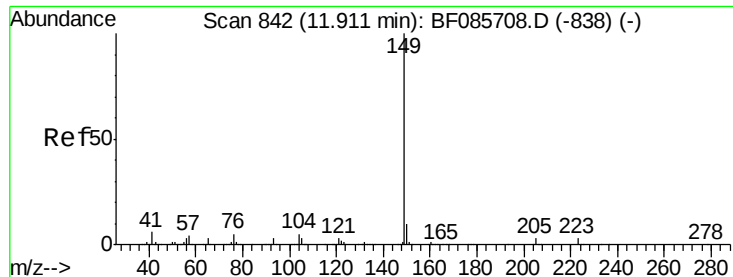
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#72
 Carbazole
 Concen: 33.72 ng
 RT: 11.57 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	15.8	11.6	17.4





#73

Di-n-butylphthalate

Concen: 31.38 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085816.D

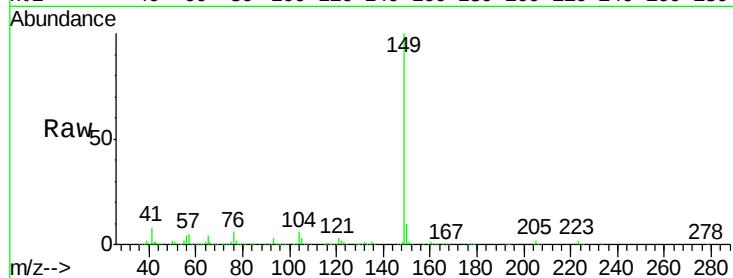
Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

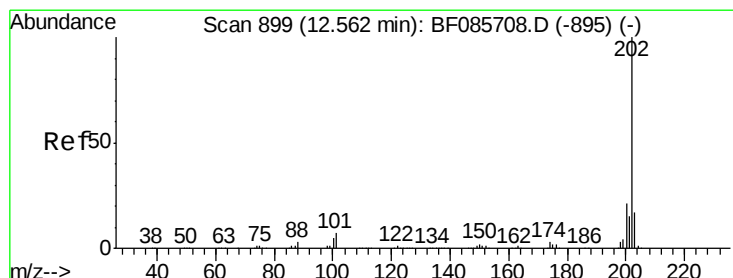
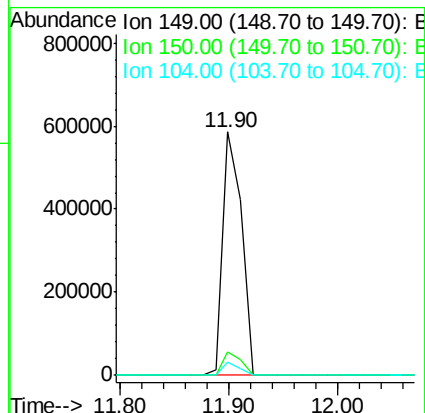
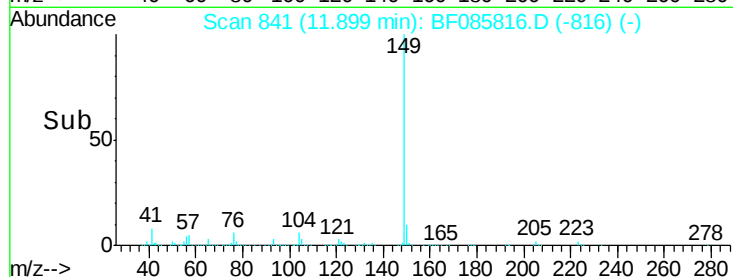
GW-04(16-18)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	704463		
150	9.5	7.6	11.4	
104	5.6	3.8	5.8	

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#74

Fluoranthene

Concen: 30.05 ng

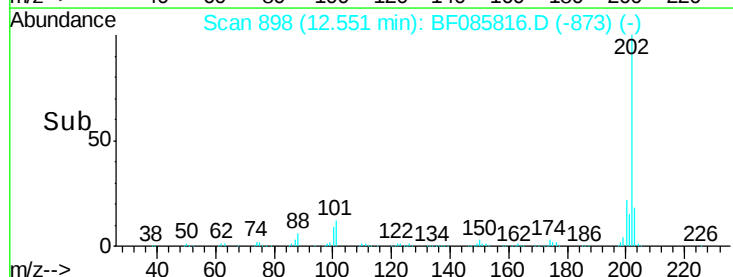
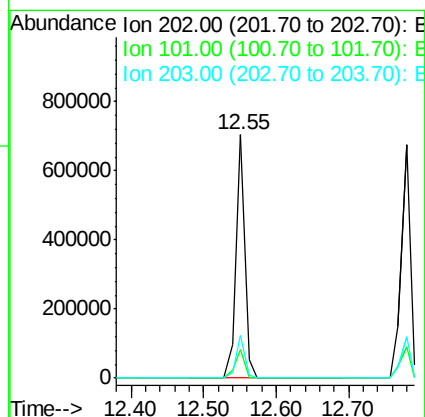
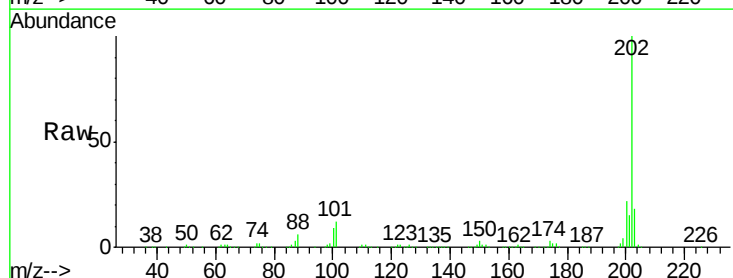
RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	592875		
101	12.0	0.0	36.6	
203	17.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085816.D

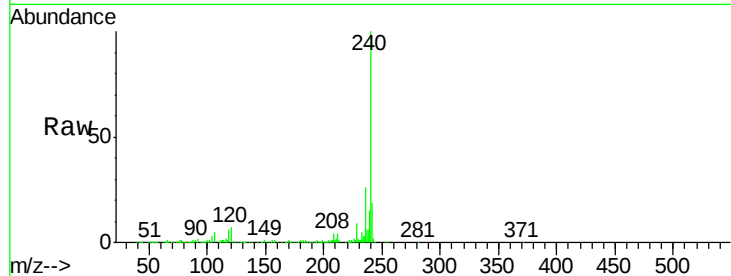
Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

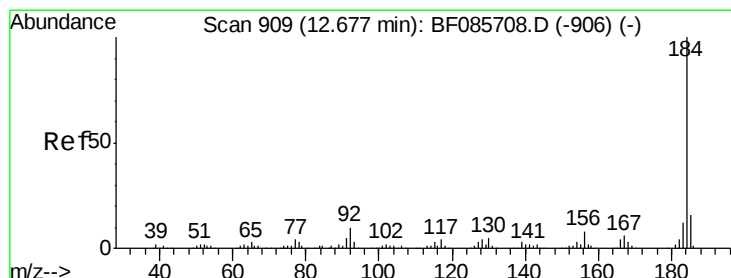
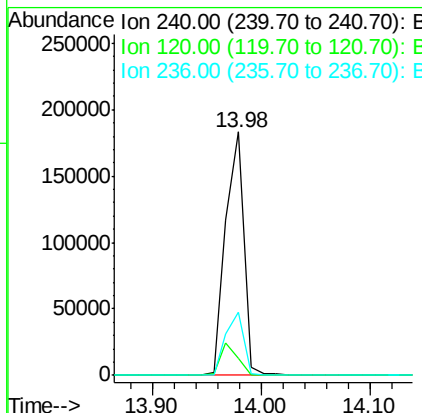
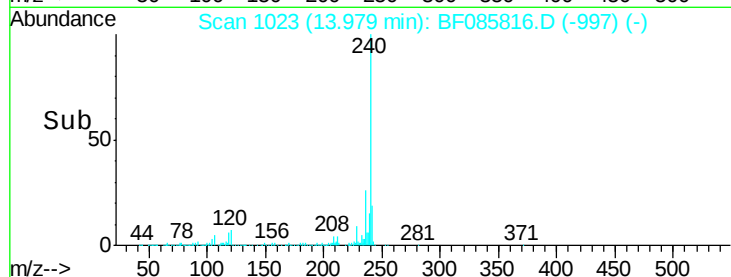
GW-04(16-18)MSD



Tgt Ion:	240	Resp:	214056
Ion Ratio		Lower	Upper
240	100		
120	7.1	13.8	20.8#
236	25.9	20.6	30.8

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#76

Benzidine

Concen: 35.90 ng

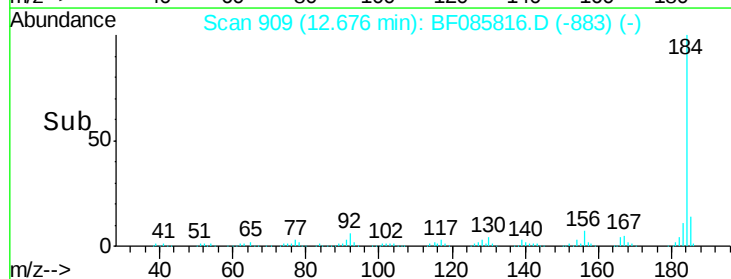
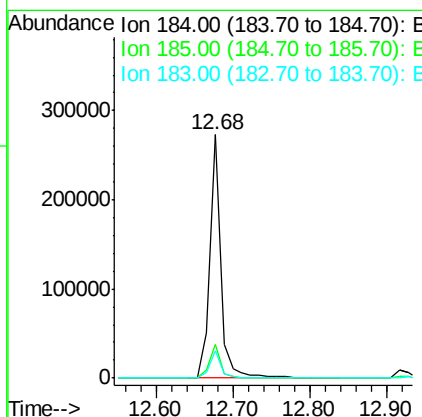
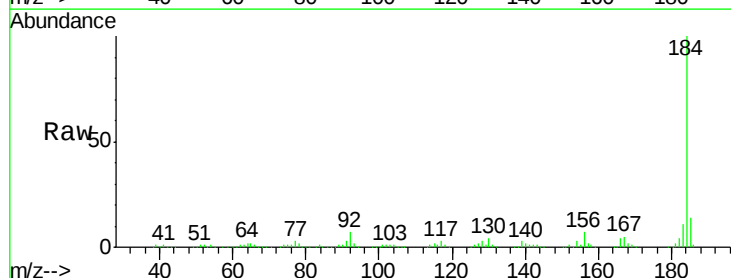
RT: 12.68 min Scan# 909

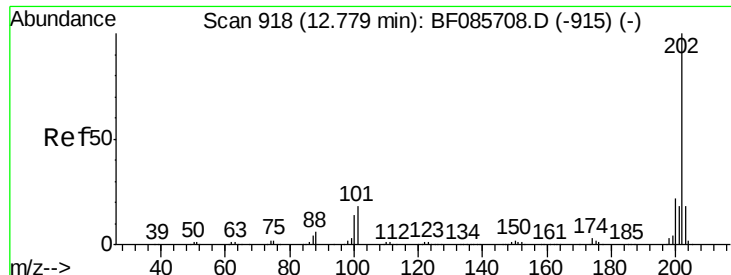
Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	184	Resp:	270634
Ion Ratio		Lower	Upper
184	100		
185	13.9	12.4	18.6
183	11.2	9.4	14.2





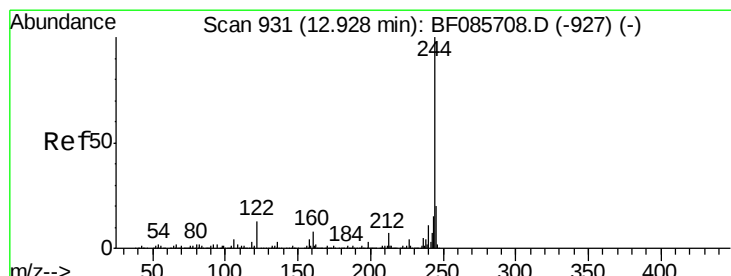
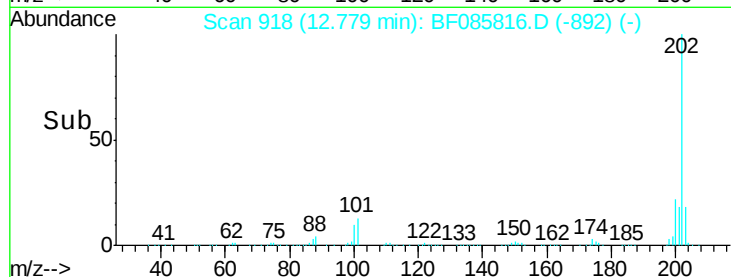
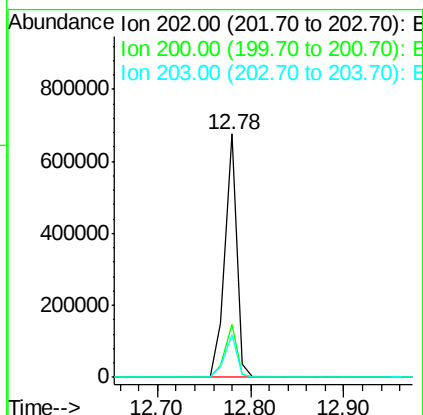
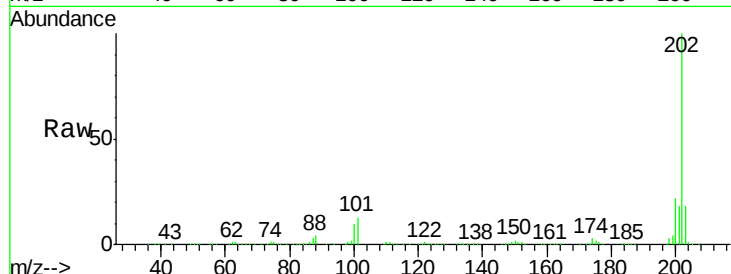
#77
 Pyrene
 Concen: 33.97 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	597642		
200	21.9		17.6	26.4
203	17.7		14.0	21.0

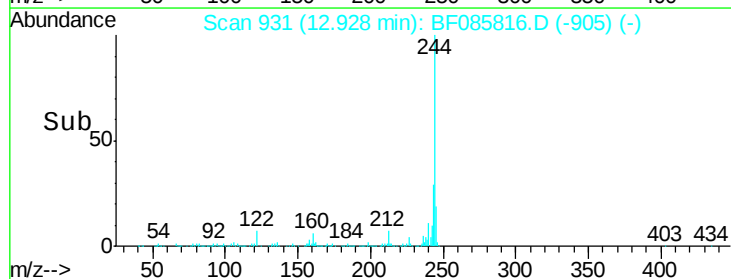
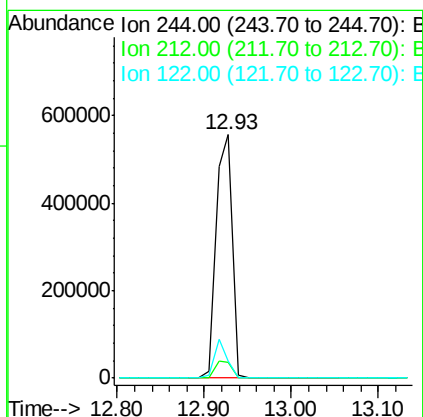
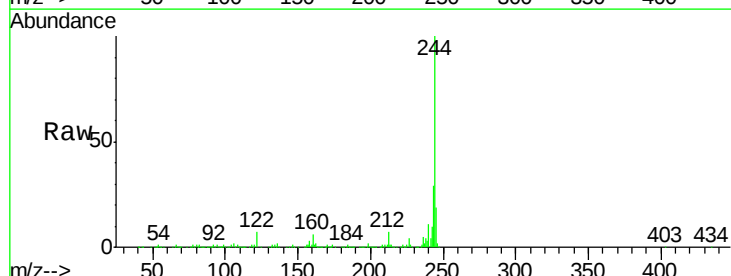
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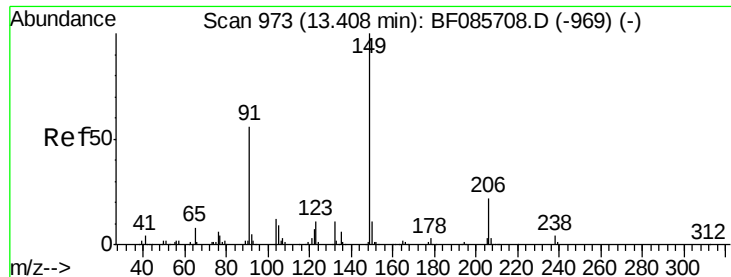
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#78
 Terphenyl-d14
 Concen: 70.35 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	732213		
212	6.6		6.1	9.1
122	6.8		10.2	15.4#





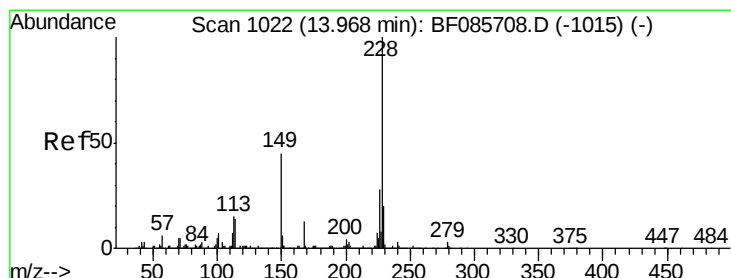
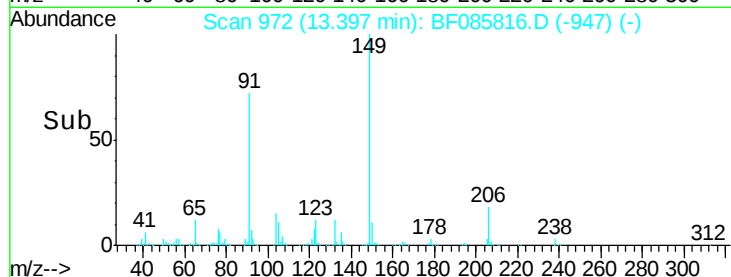
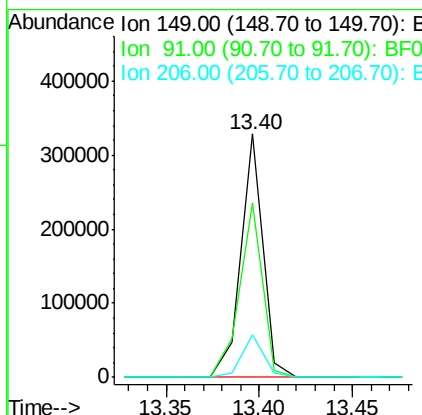
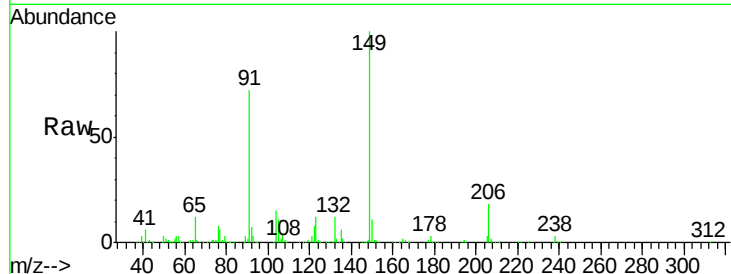
#79
Butylbenzylphthalate
Concen: 36.96 ng
RT: 13.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.7	45.8	68.8#
206	17.5	17.8	26.8#

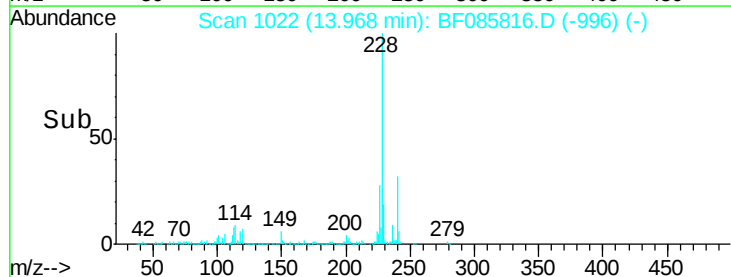
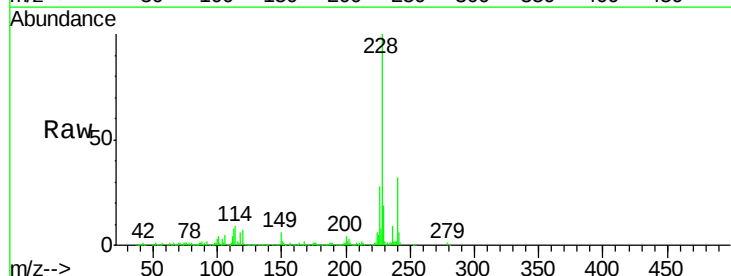
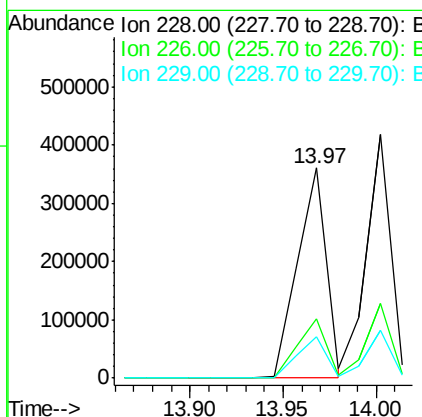
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#80
Benzo(a)anthracene
Concen: 31.93 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.1	33.1
229	19.5	16.2	24.4





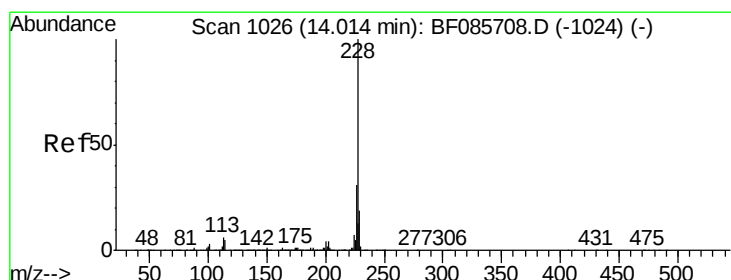
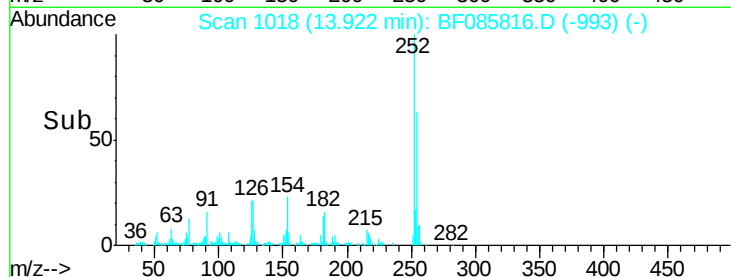
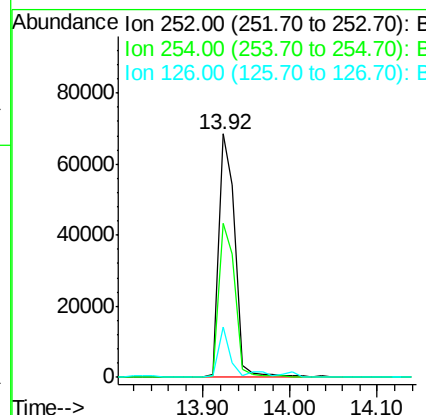
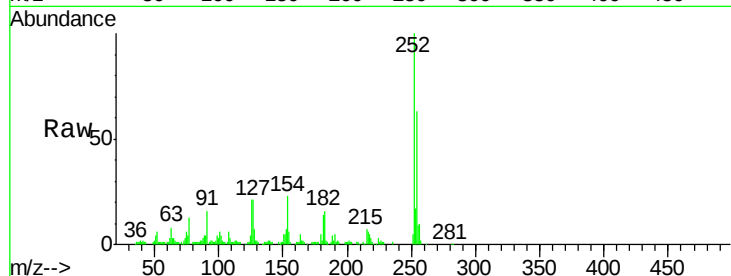
#81
 3,3'-Dichlorobenzidine
 Concen: 10.61 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.7	76.1
126	20.8	11.8	17.6

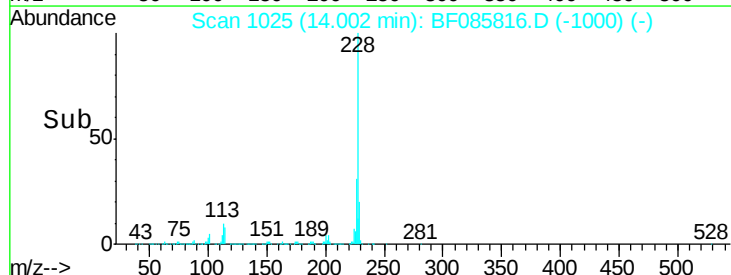
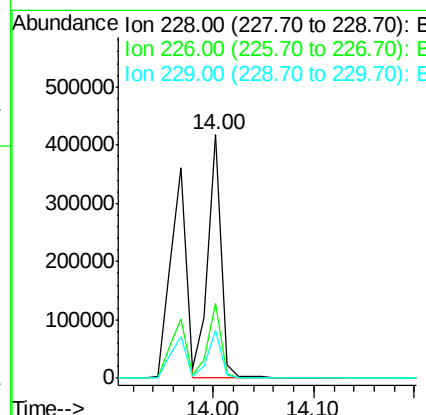
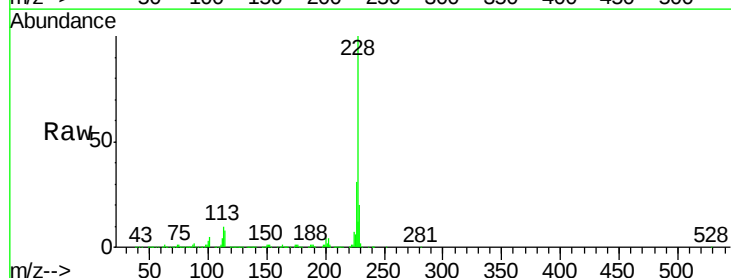
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#82
 Chrysene
 Concen: 30.89 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.6	15.7	23.5





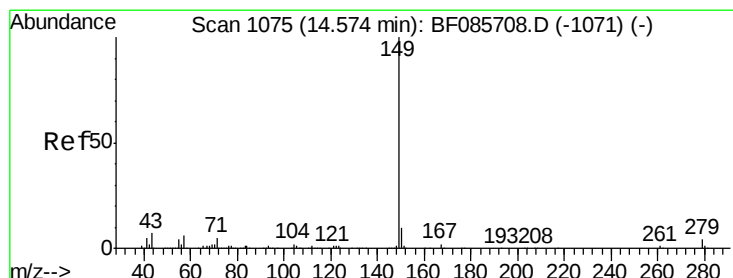
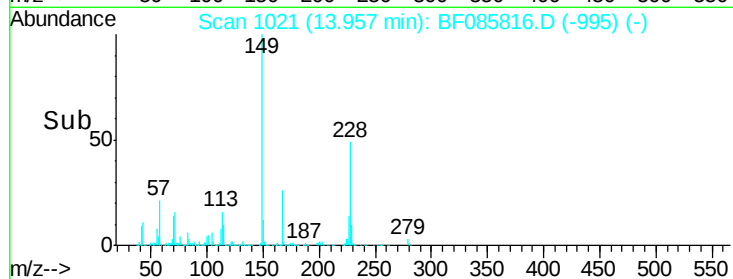
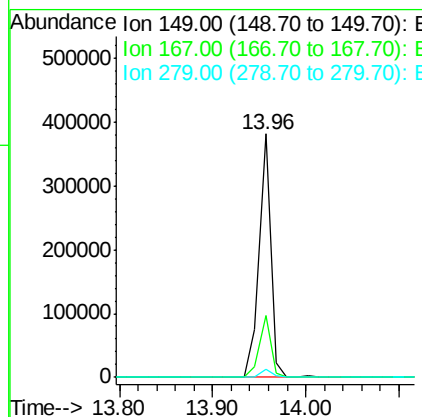
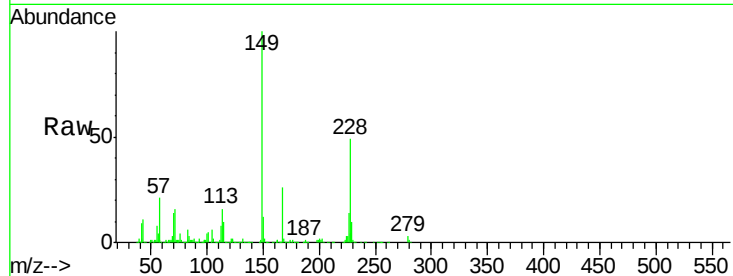
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.82 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.4	29.2
279	3.2	1.5	2.3

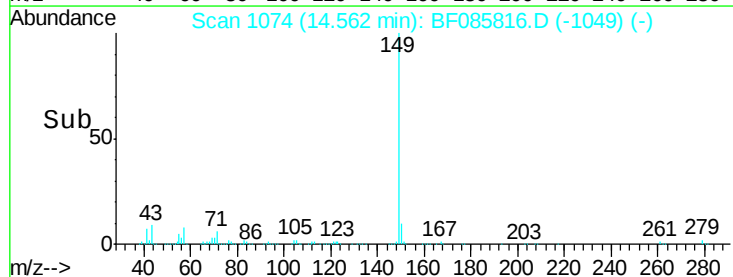
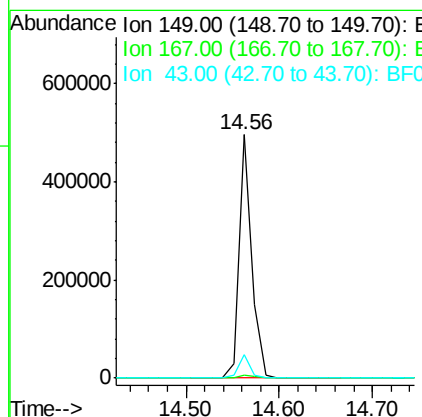
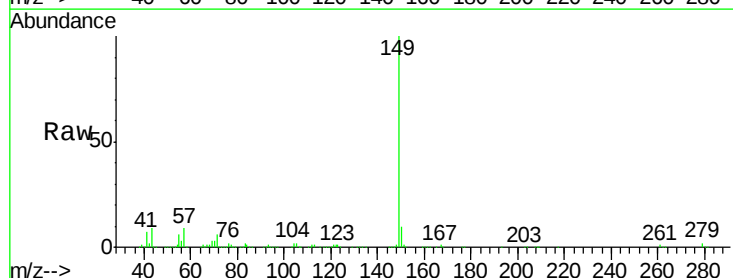
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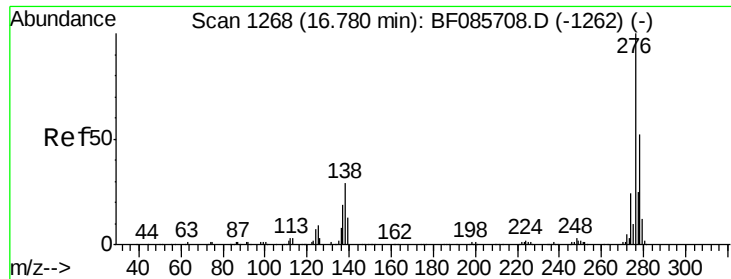
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#84
 Di-n-octyl phthalate
 Concen: 35.86 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	7.1	10.7





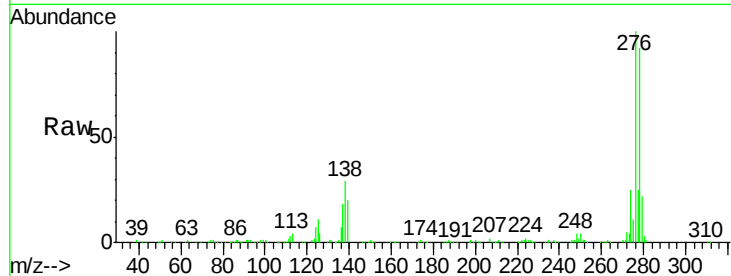
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.58 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)MSD

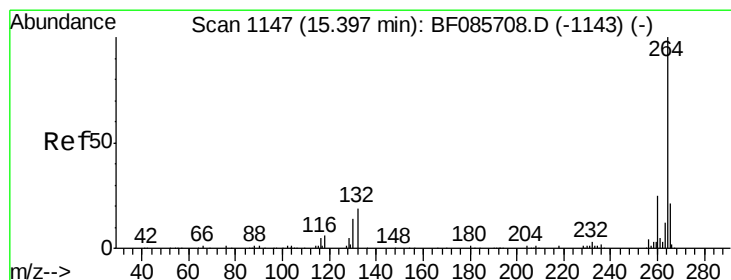
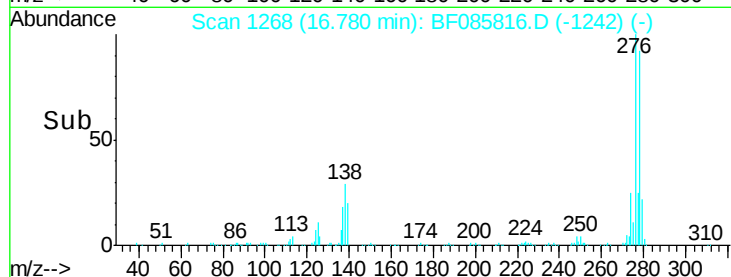
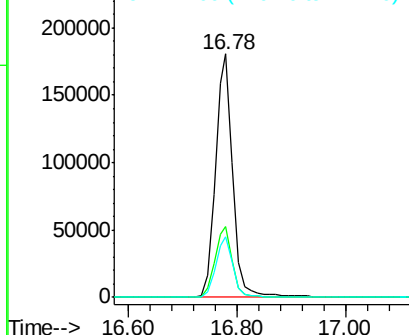
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.2	36.4
277	25.0	20.0	30.0

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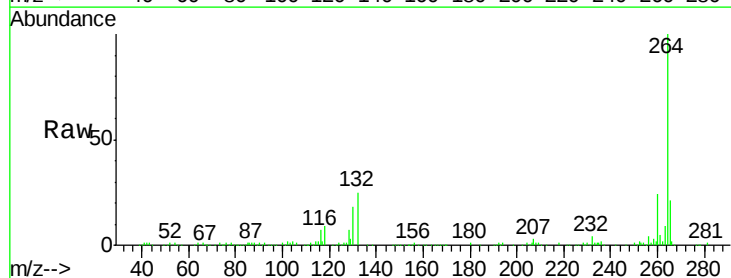


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

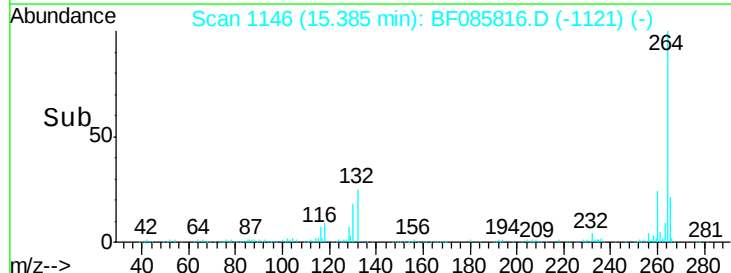
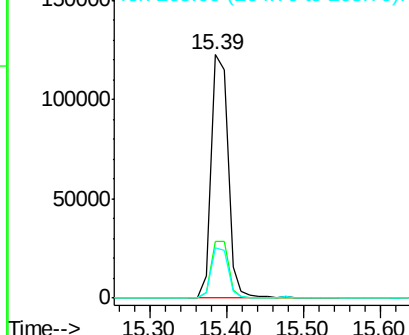


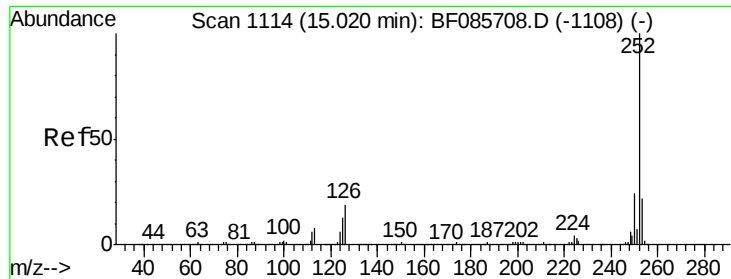
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085816.D
 Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	20.8	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 26.93 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Instrument :

BNA_F

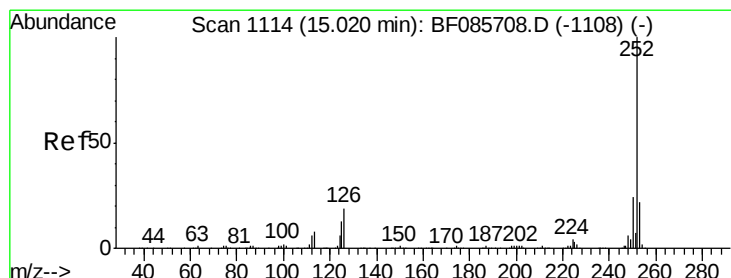
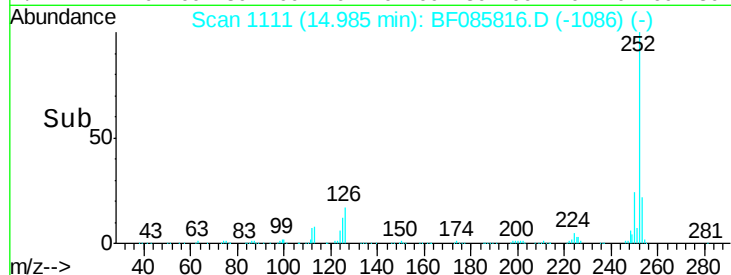
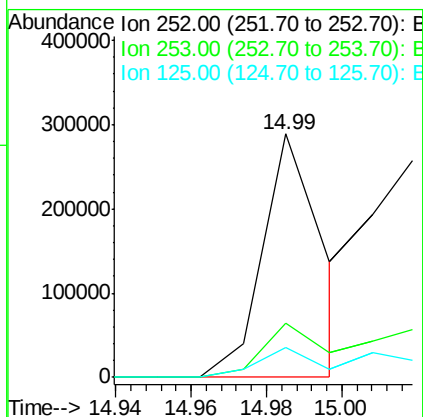
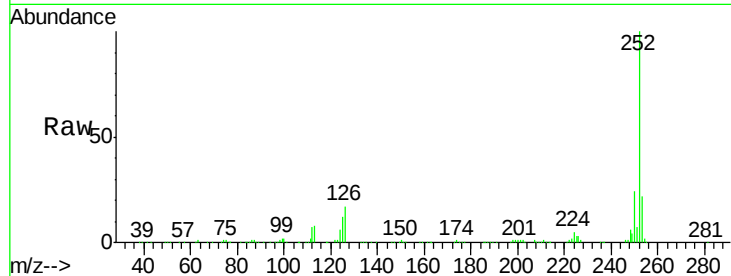
ClientSampleId :

GW-04(16-18)MSD

Tgt Ion:	252	Resp:	318972
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	12.4	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 31.40 ng m

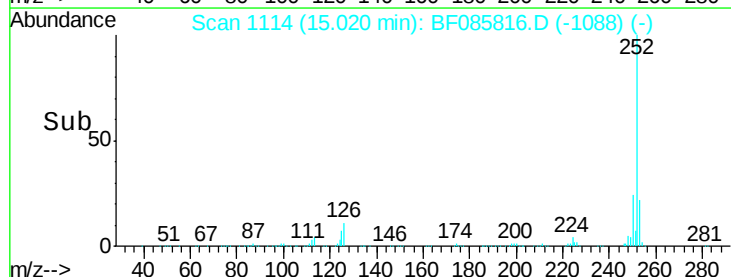
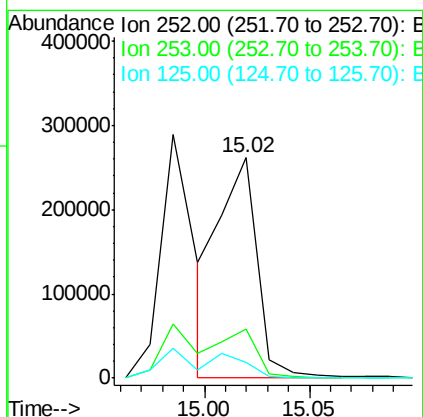
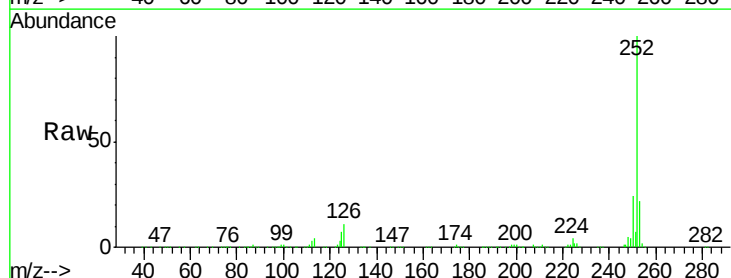
RT: 15.02 min Scan# 1114

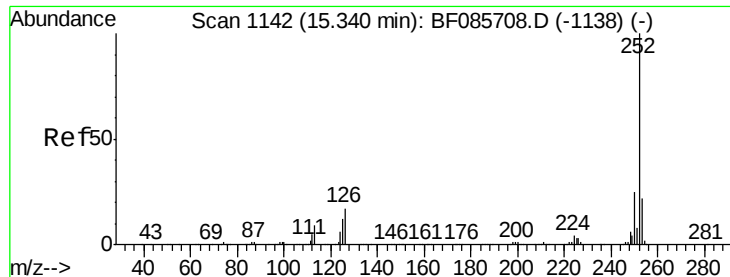
Delta R.T. -0.00 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	252	Resp:	335293
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	7.3	7.7	11.5#





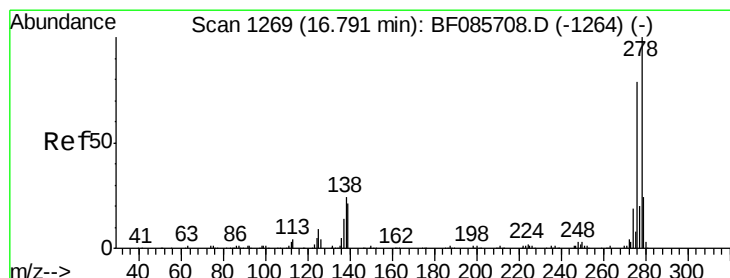
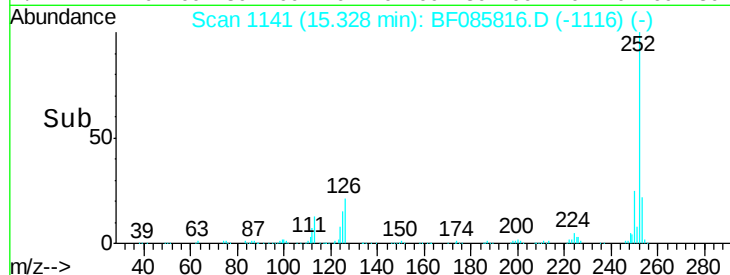
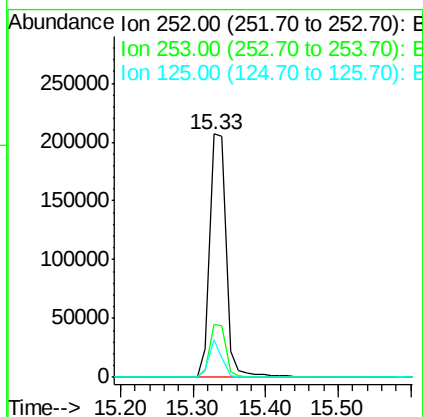
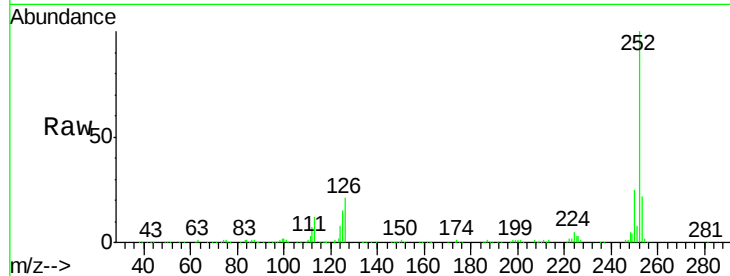
#89
Benzo(a)pyrene
Concen: 31.26 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	15.4	10.3	15.5

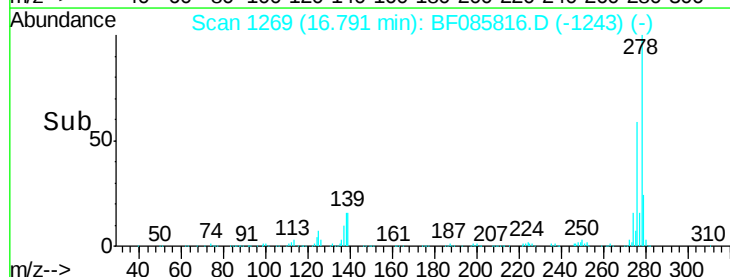
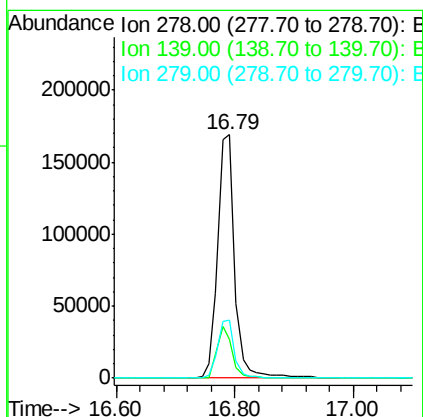
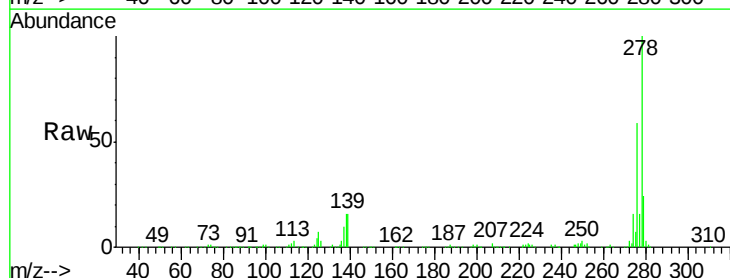
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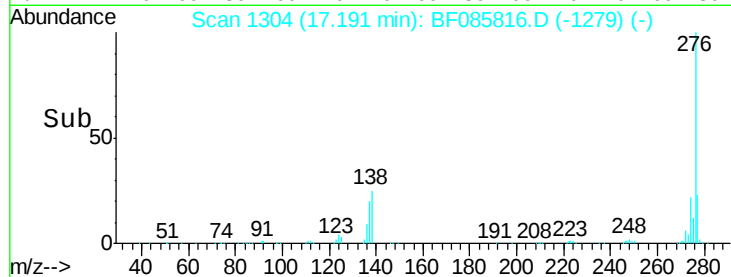
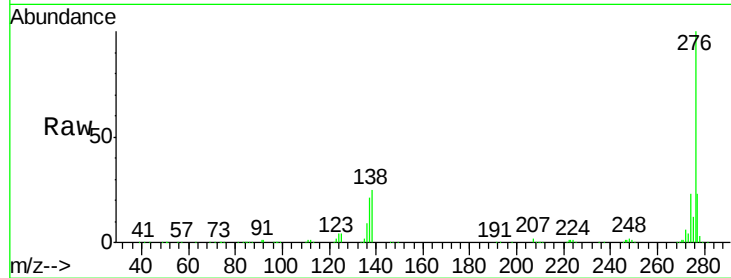
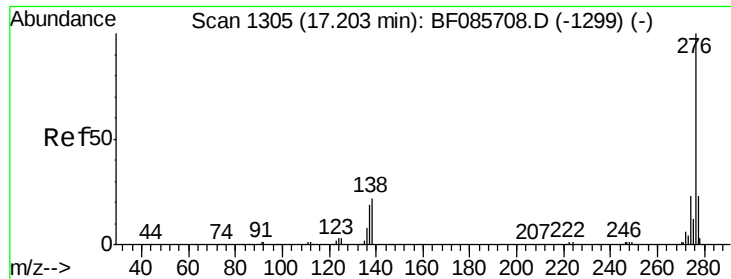
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#90
Dibenzo(a,h)anthracene
Concen: 34.70 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085816.D
Acq: 28 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.4	21.6
279	24.1	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 35.06 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085816.D

Acq: 28 Mar 2016 22:10

Tgt Ion:	276	Resp:	346937
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.8	28.2
138	25.2	22.6	34.0

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MSD

Manual Integrations
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