

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085815.D
 Acq On : 28 Mar 2016 21:42
 Operator : UM/SJ
 Sample : H1937-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/29/2016 12:03:21 PM

Quant Time: Mar 29 01:38:06 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	104807m	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	439016	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	191631	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	345259	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	216292	20.00	ng	0.00
86) Perylene-d12	15.40	264	178529	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1070736	170.14	ng	0.02
7) Phenol-d6	6.46	99	1344571	168.04	ng	0.00
23) Nitrobenzene-d5	7.38	82	783788	100.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	313553	172.21	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1296750	113.06	ng	-0.01
78) Terphenyl-d14	12.93	244	1131170	107.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	131028	43.60	ng	99
3) Pyridine	3.16	79	343444	47.67	ng	100
4) n-Nitrosodimethylamine	3.11	42	168286	58.35	ng	98
6) Aniline	6.48	93	378054m	35.10	ng	
8) 2-Chlorophenol	6.61	128	404782	55.36	ng	97
9) Benzaldehyde	6.37	77	50959	10.57	ng	96
10) Phenol	6.48	94	444792	49.07	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	386656	55.43	ng	97
12) 1,3-Dichlorobenzene	6.76	146	399843m	50.78	ng	
13) 1,4-Dichlorobenzene	6.84	146	421956m	52.84	ng	
14) 1,2-Dichlorobenzene	6.98	146	361557	48.58	ng	94
15) Benzyl Alcohol	6.96	79	297646	55.76	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	442040	47.76	ng	93
17) 2-Methylphenol	7.09	107	334591	57.16	ng	99
18) Hexachloroethane	7.33	117	152302m	52.09	ng	
19) n-Nitroso-di-n-propylamine	7.24	70	248988	51.97	ng	92
20) 3+4-Methylphenols	7.24	107	362714	51.54	ng	95
22) Acetophenone	7.24	105	497083	48.60	ng	# 97
24) Nitrobenzene	7.41	77	428910	53.37	ng	95
25) Isophorone	7.65	82	771820	51.39	ng	97
26) 2-Nitrophenol	7.73	139	226193	56.26	ng	91
27) 2,4-Dimethylphenol	7.76	122	354525	50.45	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	460046	53.76	ng	98
29) 2,4-Dichlorophenol	7.97	162	322863	54.65	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	338516	51.61	ng	97
31) Naphthalene	8.13	128	1126092	50.91	ng	100
32) Benzoic acid	7.84	122	20315	4.35	ng	97
33) 4-Chloroaniline	8.18	127	183543	20.32	ng	98
34) Hexachlorobutadiene	8.24	225	171726	48.17	ng	98
35) Caprolactam	8.56	113	106143m	50.72	ng	
36) 4-Chloro-3-methylphenol	8.68	107	373522	54.13	ng	96
37) 2-Methylnaphthalene	8.81	142	732170	62.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	283010	49.80	ng	99
40) Hexachlorocyclopentadiene	8.97	237	210485	87.85	ng	99

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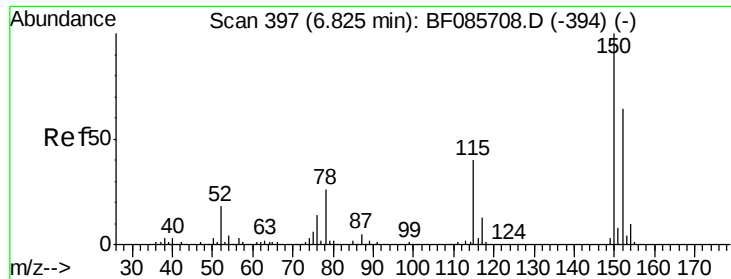
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	203771	53.09	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	214957	53.41	ng #	80
45) 1,1'-Biphenyl	9.28	154	782235	48.37	ng	98
46) 2-Chloronaphthalene	9.30	162	615382	51.76	ng #	90
47) 2-Nitroaniline	9.41	65	202069	55.57	ng	97
48) Acenaphthylene	9.73	152	1031546	53.24	ng	99
49) Dimethylphthalate	9.59	163	949497	65.31	ng	100
50) 2,6-Dinitrotoluene	9.65	165	166185	53.10	ng	91
51) Acenaphthene	9.90	154	622064	52.56	ng	99
52) 3-Nitroaniline	9.82	138	122843	34.29	ng	98
53) 2,4-Dinitrophenol	9.93	184	59369	40.75	ng #	73
54) Dibenzofuran	10.07	168	912182	59.55	ng	96
55) 4-Nitrophenol	9.99	139	230309	98.69	ng	91
56) 2,4-Dinitrotoluene	10.06	165	224416	56.42	ng #	69
57) Fluorene	10.41	166	686162	53.89	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	161365	57.68	ng	98
59) Diethylphthalate	10.29	149	750131	52.22	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	338233	54.33	ng	90
61) 4-Nitroaniline	10.44	138	165544	48.32	ng	91
62) Azobenzene	10.56	77	834069	60.42	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	100960	49.93	ng #	62
65) n-Nitrosodiphenylamine	10.53	169	626463	57.29	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	201766	57.12	ng #	88
67) Hexachlorobenzene	10.96	284	210243	56.91	ng #	88
68) Atrazine	11.05	200	214149	58.00	ng	99
69) Pentachlorophenol	11.16	266	224361	123.72	ng	100
70) Phenanthrene	11.37	178	1034495	58.35	ng	99
71) Anthracene	11.42	178	961033	51.64	ng	100
72) Carbazole	11.58	167	965895	61.82	ng	99
73) Di-n-butylphthalate	11.91	149	1193507	55.66	ng	99
74) Fluoranthene	12.55	202	876615	46.52	ng	98
76) Benzidine	12.68	184	393909	51.71	ng	98
77) Pyrene	12.78	202	870280	48.95	ng	99
79) Butylbenzylphthalate	13.40	149	407951	54.79	ng #	76
80) Benzo(a)anthracene	13.97	228	690557	55.99	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	144721	16.91	ng #	96
82) Chrysene	14.00	228	521302	41.96	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	516833	57.97	ng #	98
84) Di-n-octyl phthalate	14.56	149	754597	56.92	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	693449	72.29	ng	99
87) Benzo(b)fluoranthene	14.99	252	657618m	58.47	ng	
88) Benzo(k)fluoranthene	15.02	252	434427m	42.85	ng	
89) Benzo(a)pyrene	15.34	252	555137	55.59	ng #	97
90) Dibenzo(a,h)anthracene	16.79	278	578143	62.31	ng	97
91) Benzo(g,h,i)perylene	17.20	276	589827	62.78	ng	94

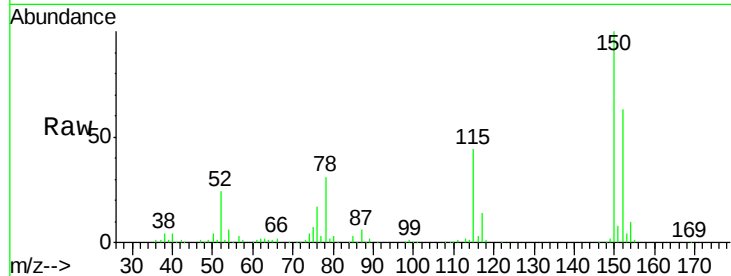
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

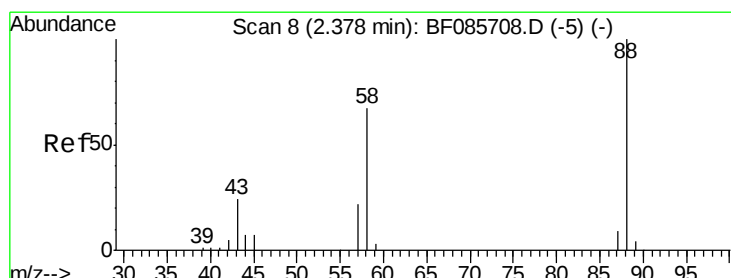
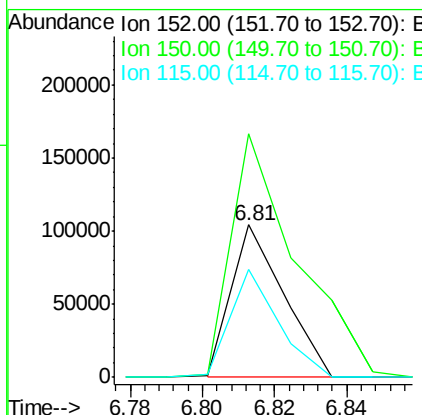
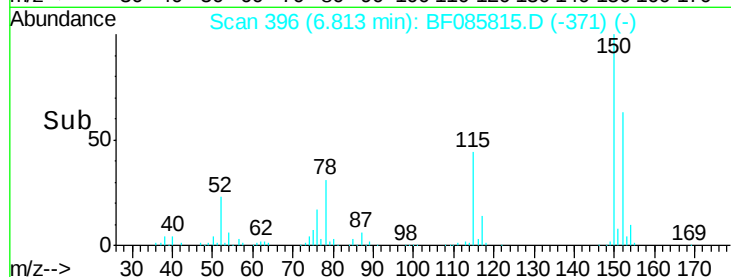
Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)MS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.2	186.2
115	70.6	47.0	70.6

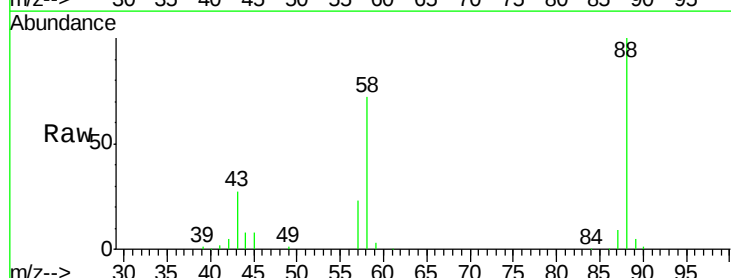
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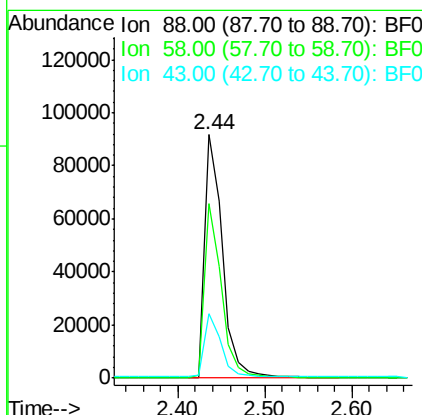
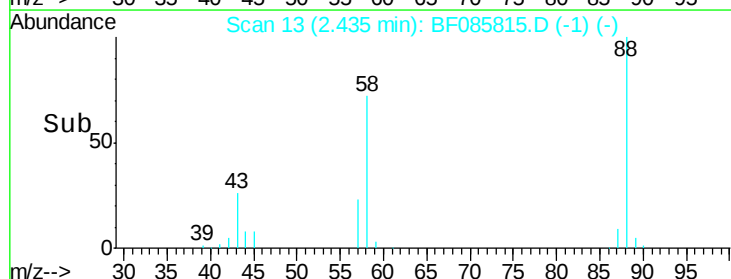


#2

1,4-Dioxane
Concen: 43.60 ng
RT: 2.44 min Scan# 13
Delta R.T. 0.06 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42



Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	54.2	81.2
43	24.6	19.3	28.9





#3

Pyridine

Concen: 47.67 ng

RT: 3.16 min Scan# 76

Delta R.T. 0.06 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

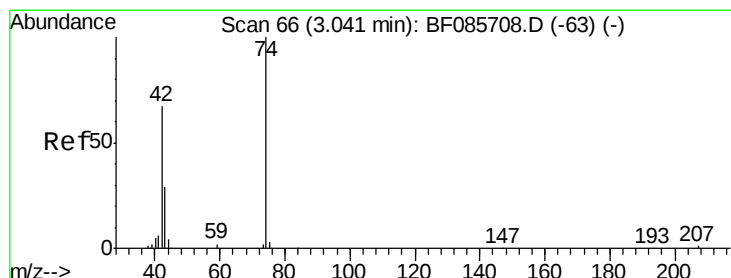
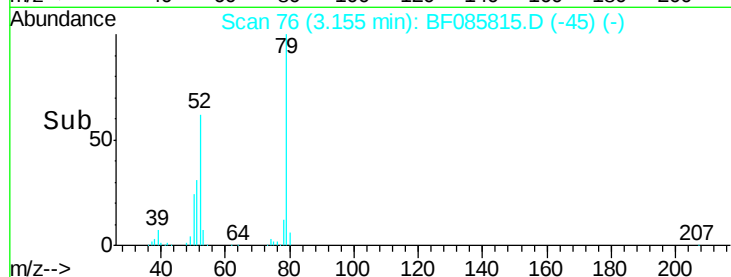
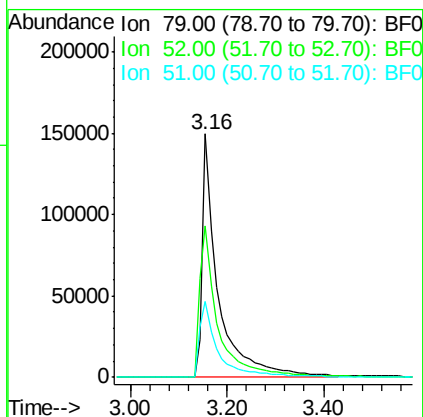
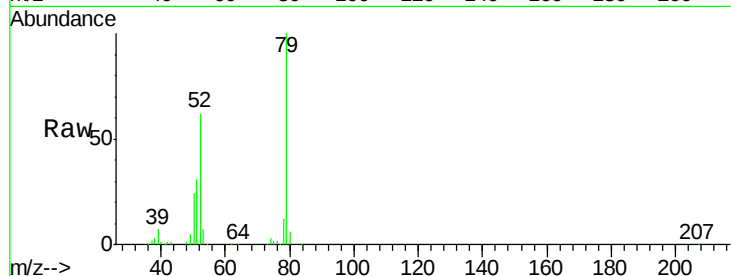
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	79	Resp:	343444
Ion	Ratio	Lower	Upper
79	100		
52	62.3	49.8	74.6
51	31.0	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 58.35 ng

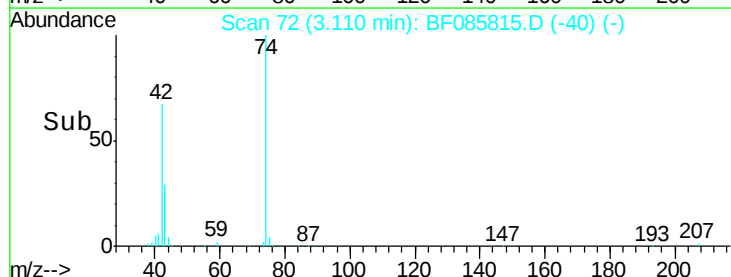
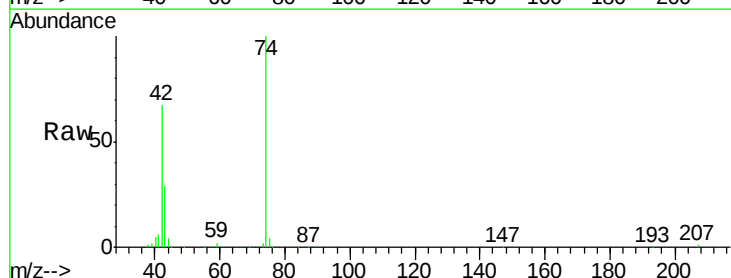
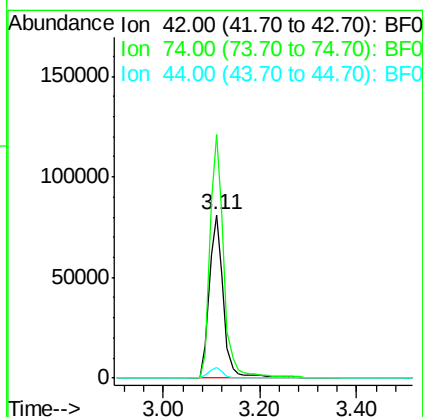
RT: 3.11 min Scan# 72

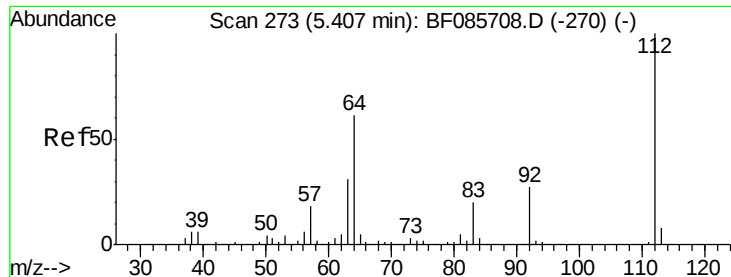
Delta R.T. 0.07 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	42	Resp:	168286
Ion	Ratio	Lower	Upper
42	100		
74	148.9	121.4	182.2
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 170.14 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

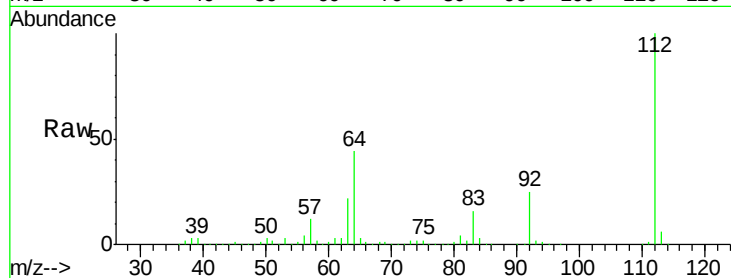
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	112	Resp:	1070736
Ion	Ratio	Lower	Upper
112	100		
64	44.4	39.9	59.9
63	22.3	20.2	30.2

Manual Integrations
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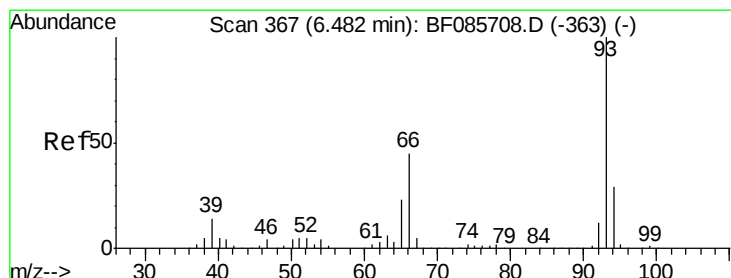
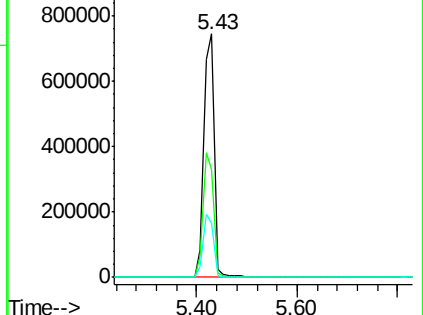
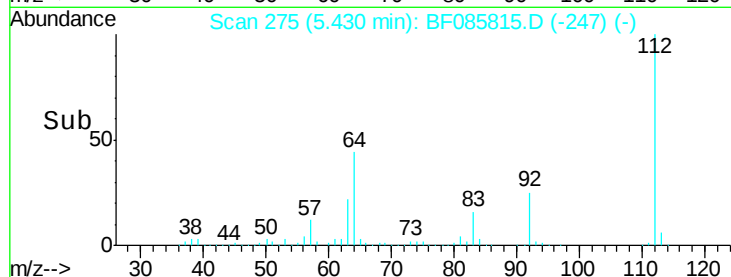
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.10 ng m

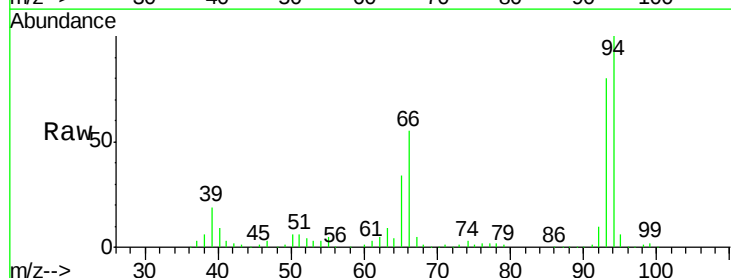
RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

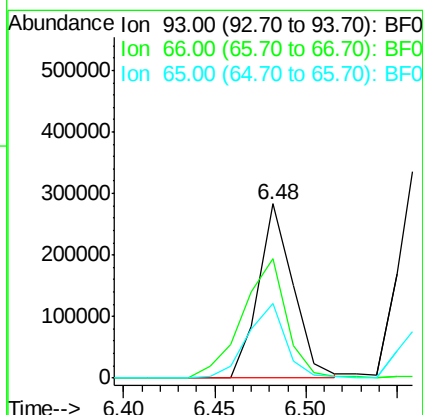
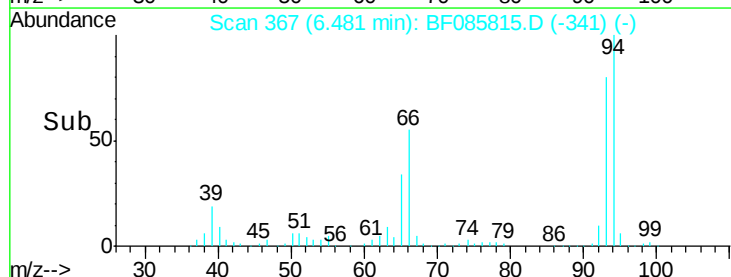
Tgt Ion:	93	Resp:	378054
Ion	Ratio	Lower	Upper
93	100		
66	68.3	31.4	47.2#
65	43.1	15.7	23.5#

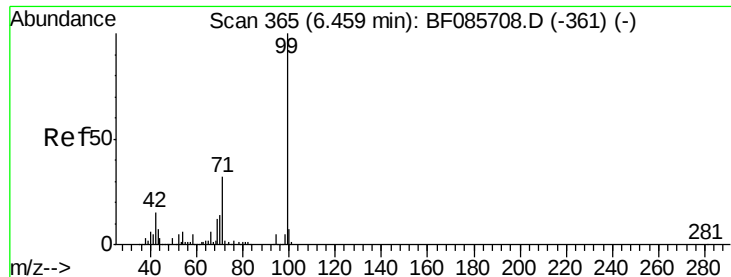


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 168.04 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion: 99 Resp: 1344571

Ion Ratio Lower Upper

99 100

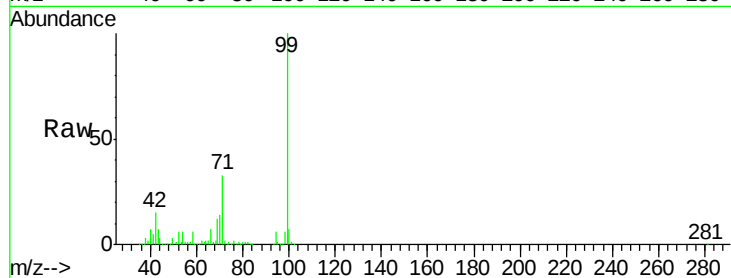
42 15.3 11.1 16.7

71 32.9 24.9 37.3

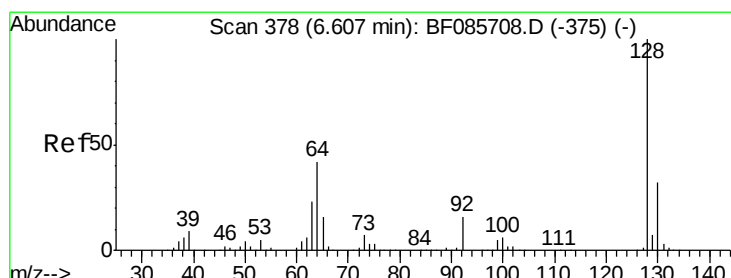
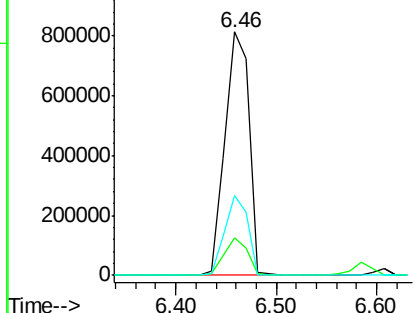
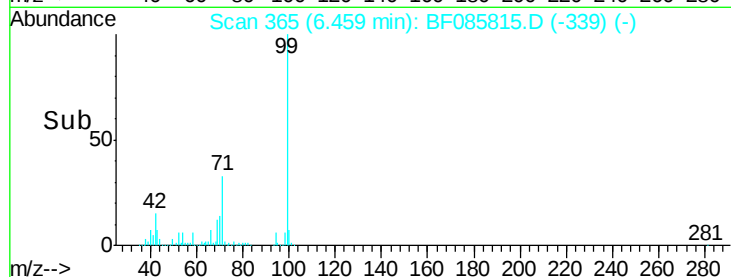
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 55.36 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

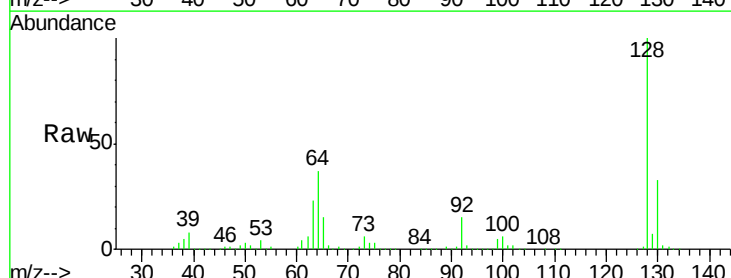
Tgt Ion: 128 Resp: 404782

Ion Ratio Lower Upper

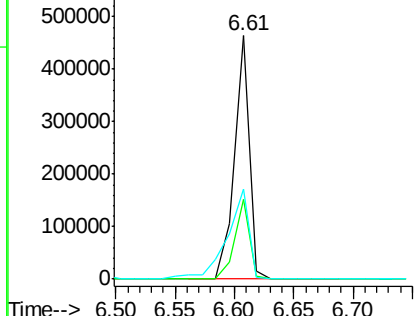
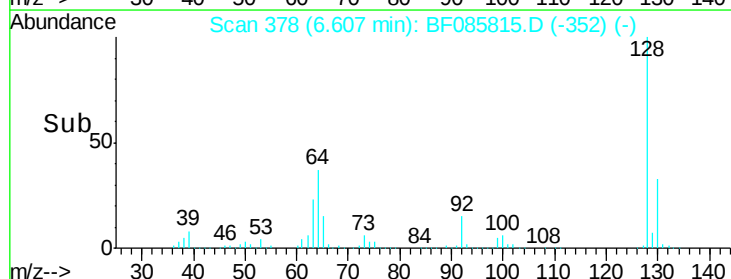
128 100

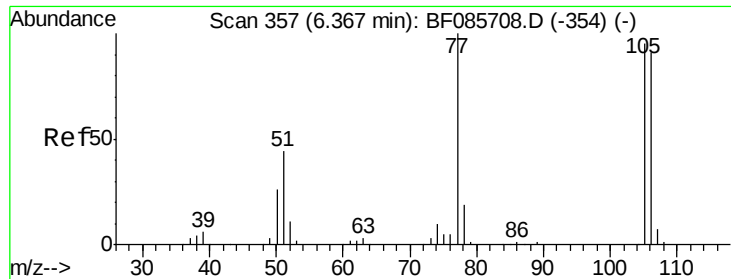
130 33.0 12.9 52.9

64 36.9 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.57 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

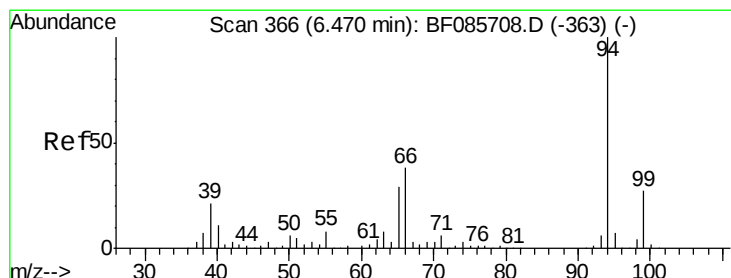
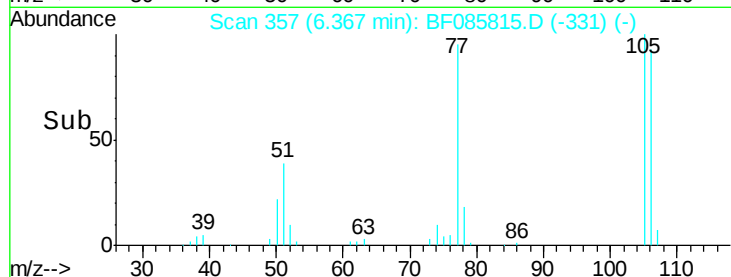
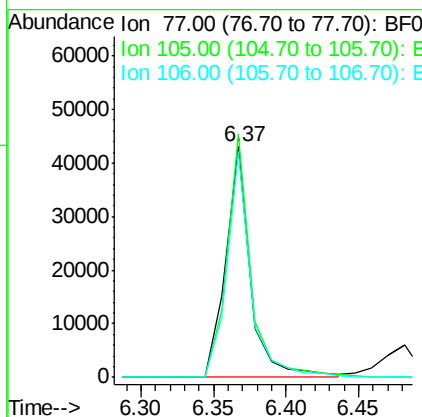
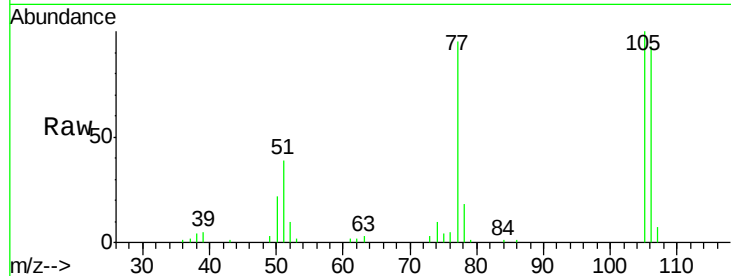
GW-04(16-18)MS

Tgt Ion: 77 Resp: 50959

Ion	Ratio	Lower	Upper
77	100		
105	105.8	80.1	120.1
106	98.1	75.0	115.0

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#10

Phenol

Concen: 49.07 ng

RT: 6.48 min Scan# 367

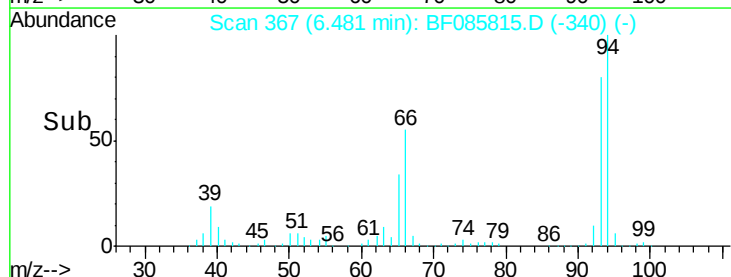
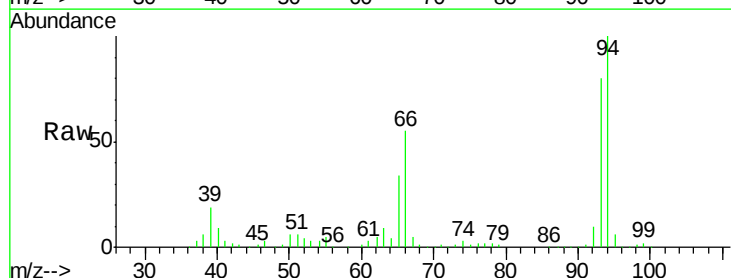
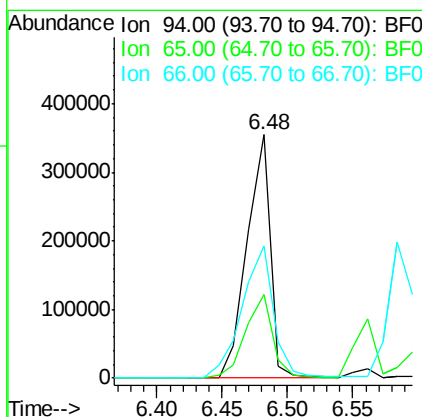
Delta R.T. 0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion: 94 Resp: 444792

Ion	Ratio	Lower	Upper
94	100		
65	34.4	8.6	48.6
66	54.6	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 55.43 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

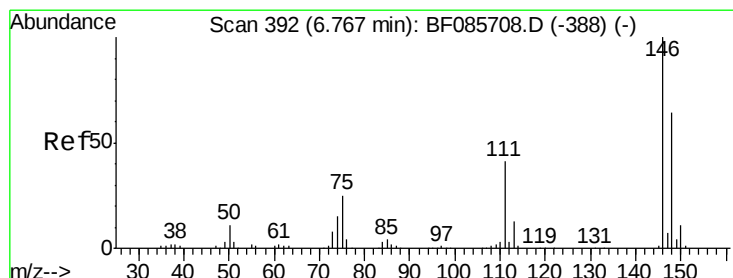
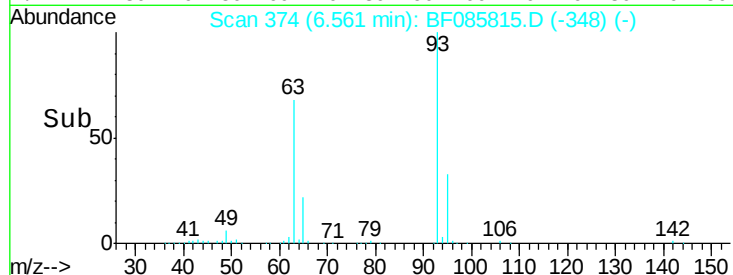
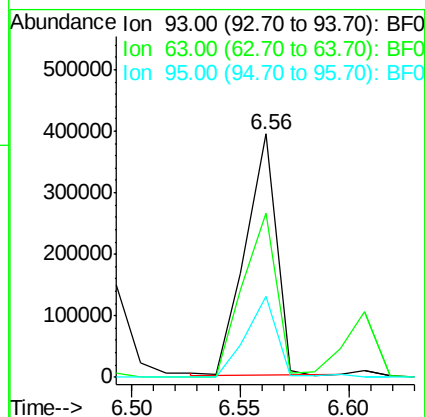
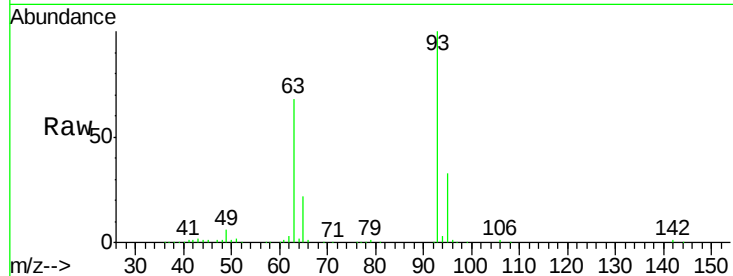
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	93	Resp:	386656
Ion Ratio	Lower	Upper	
93	100		
63	67.6	50.9	90.9
95	33.2	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 50.78 ng m

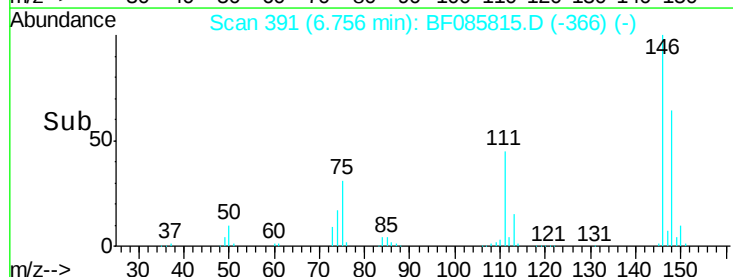
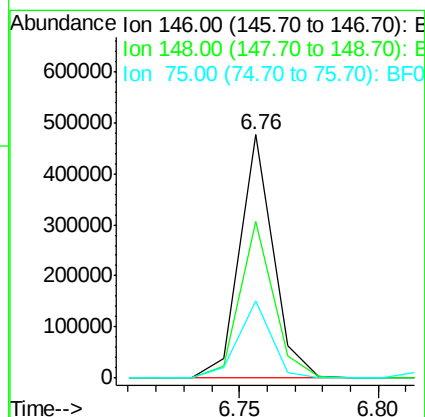
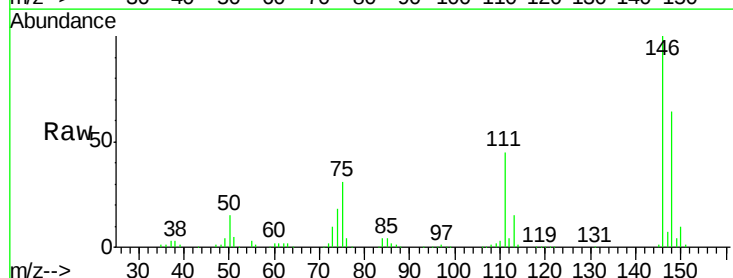
RT: 6.76 min Scan# 391

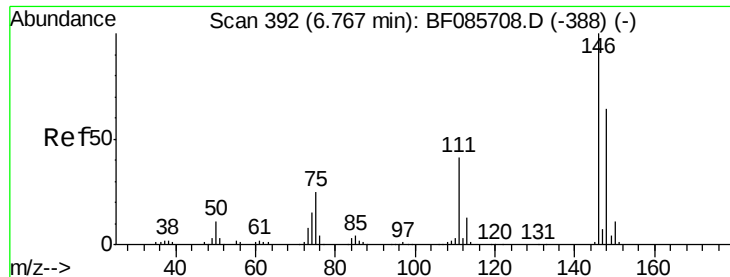
Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	146	Resp:	399843
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.3	78.5
75	31.5	17.4	26.2#





#13

1,4-Dichlorobenzene

Concen: 52.84 ng m

RT: 6.84 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

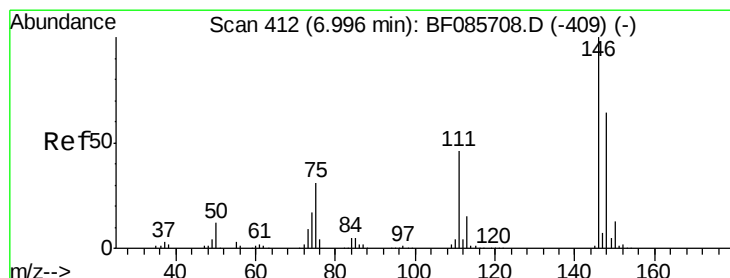
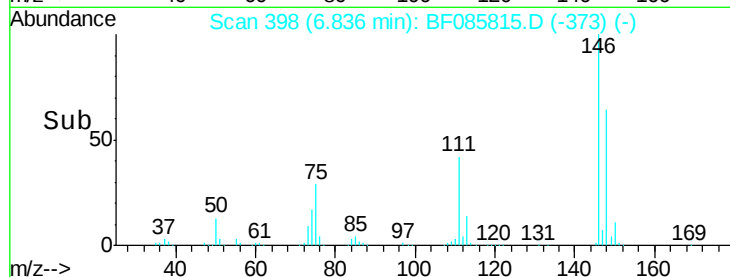
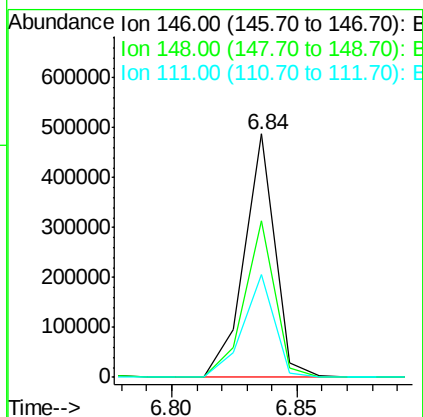
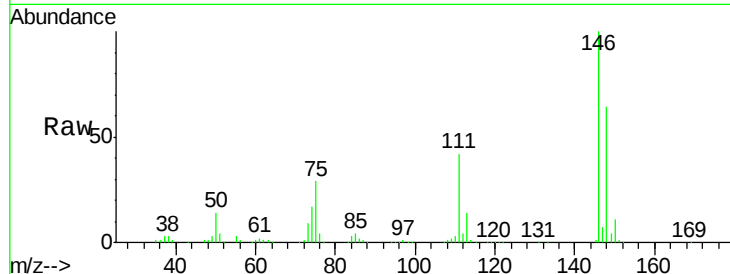
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	146	Resp:	421956
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	76.0
111	42.2	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 48.58 ng

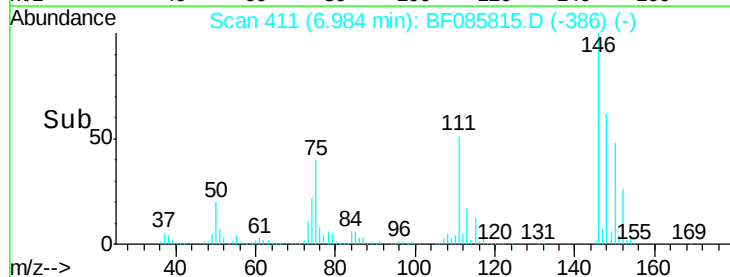
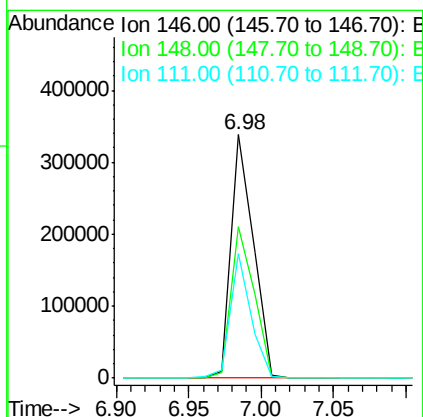
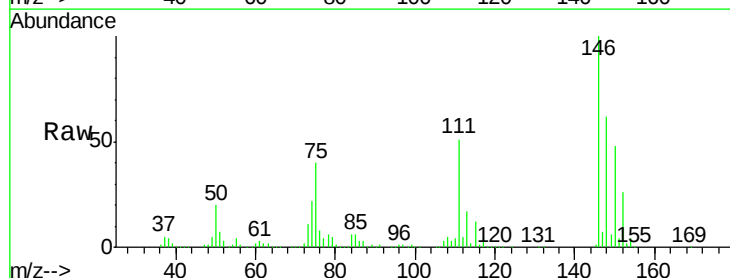
RT: 6.98 min Scan# 411

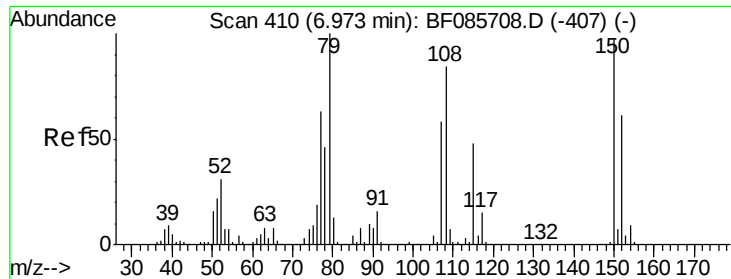
Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	146	Resp:	361557
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.4	77.2
111	51.0	34.6	52.0





#15

Benzyl Alcohol

Concen: 55.76 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

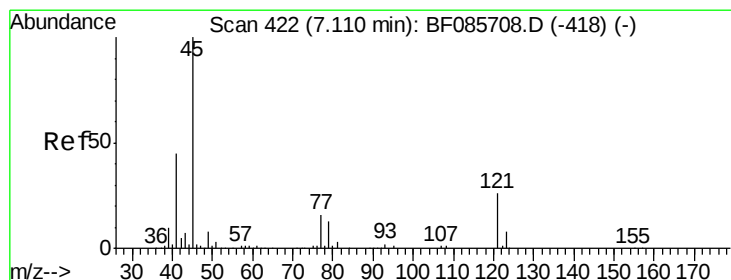
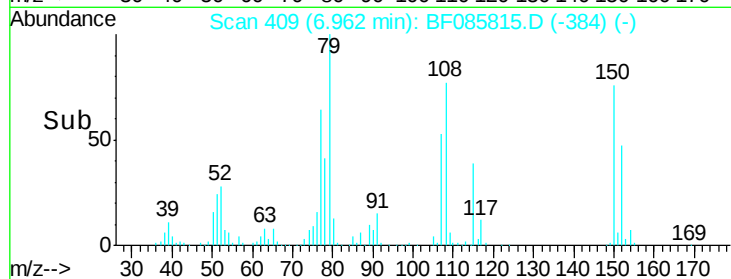
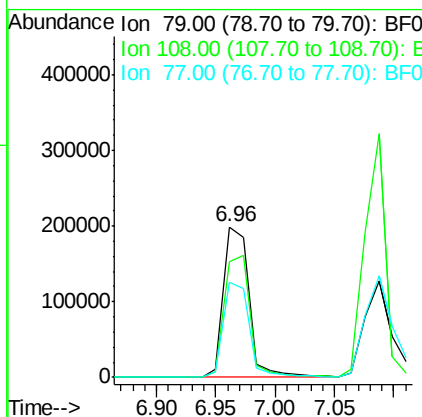
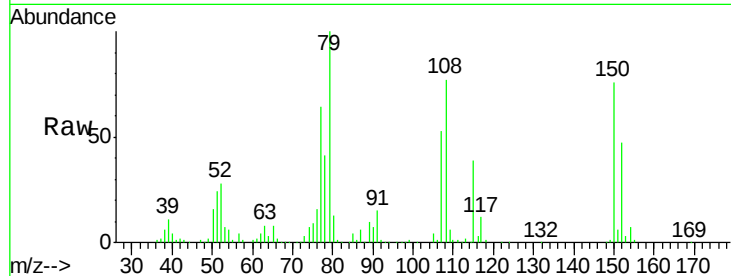
ClientSampleId :

GW-04(16-18)MS

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Tgt Ion:	79	Resp:	297646
Ion Ratio	Lower	Upper	
79	100		
108	77.1	61.8	92.6
77	63.8	49.6	74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.76 ng

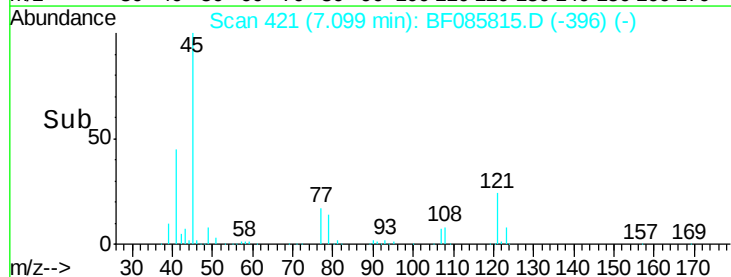
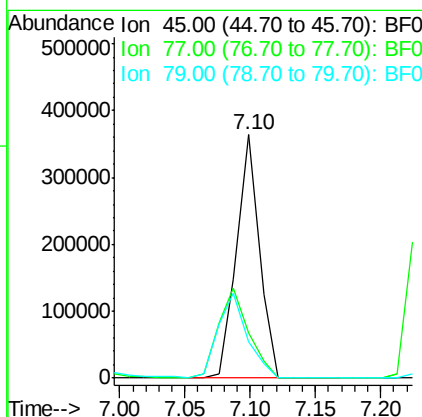
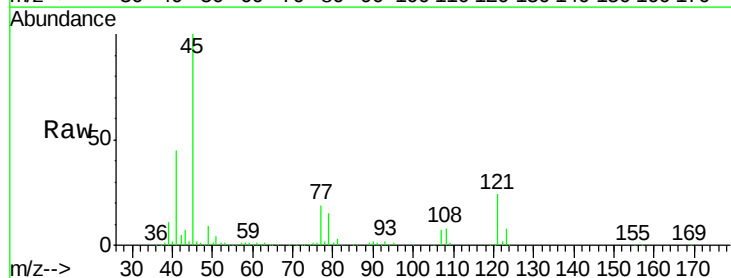
RT: 7.10 min Scan# 421

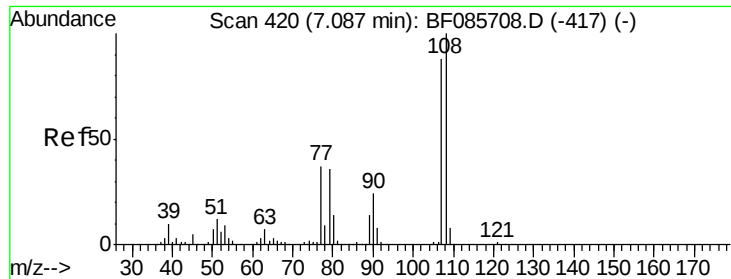
Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	45	Resp:	442040
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	35.7
79	15.0	0.0	32.2





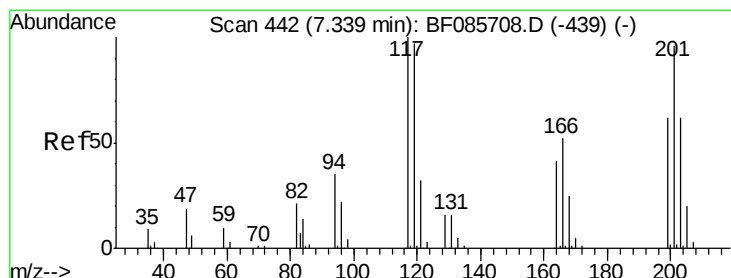
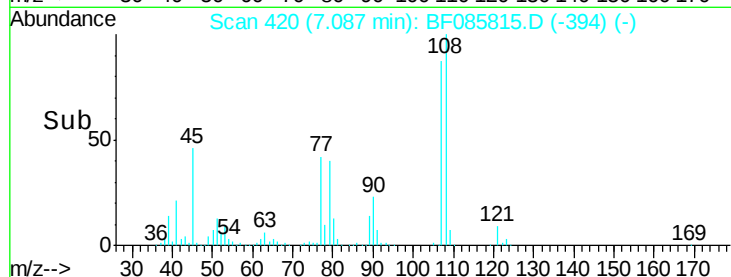
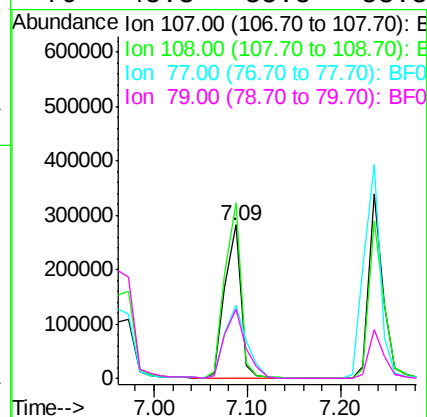
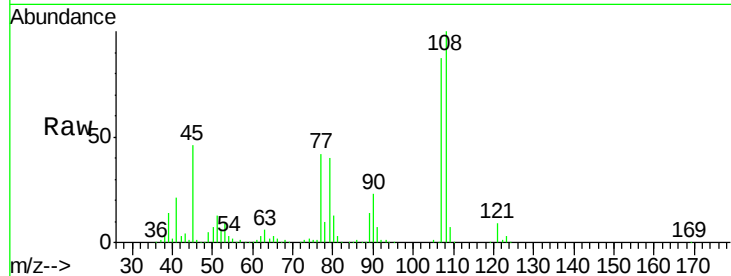
#17
2-Methylphenol
Concen: 57.16 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion:	107	Resp:	334591
Ion Ratio	Lower	Upper	
107	100		
108	114.4	91.4	137.0
77	47.8	36.2	54.2
79	45.3	35.8	53.8

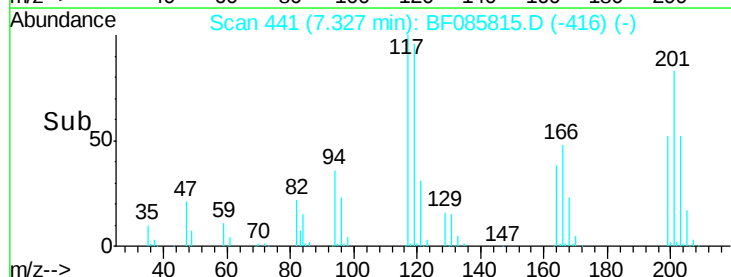
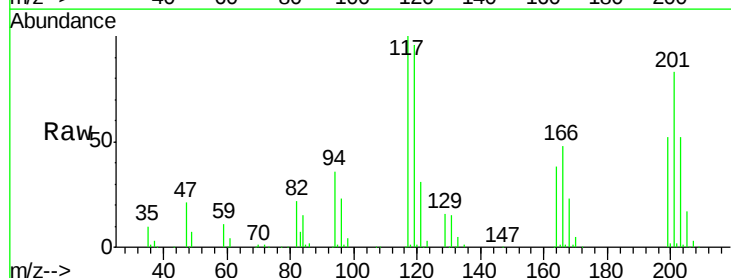
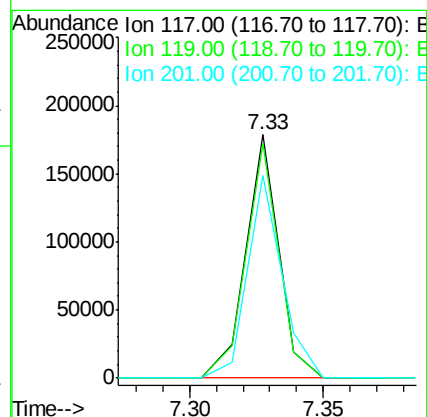
Manual Integrations
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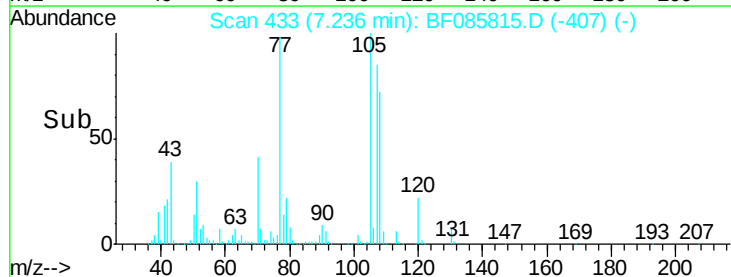
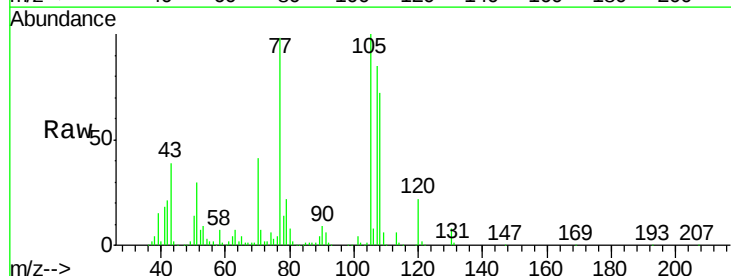
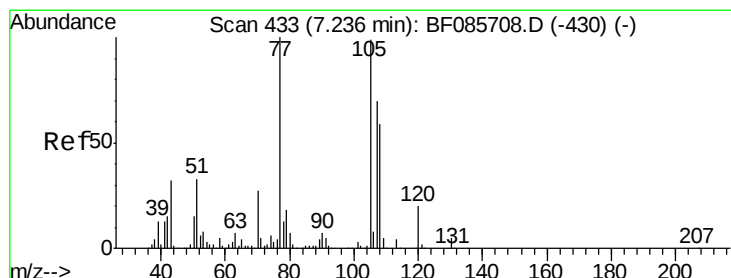
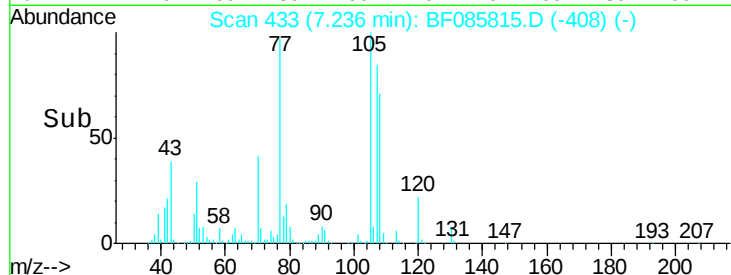
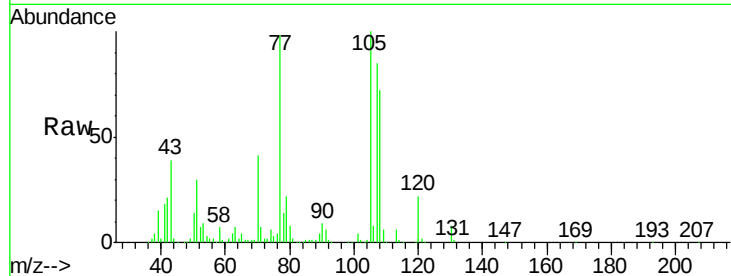
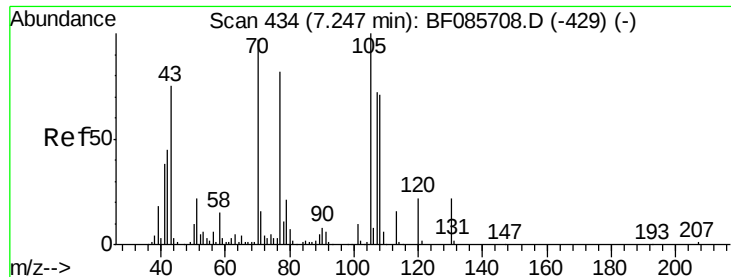
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#18
Hexachloroethane
Concen: 52.09 ng m
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion:	117	Resp:	152302
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.7	115.1
201	83.0	83.3	124.9#





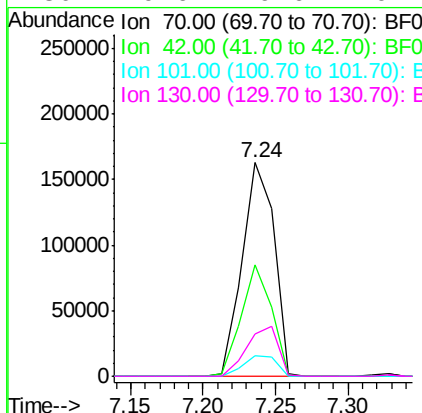
#19
n-Nitroso-di-n-propylamine
Concen: 51.97 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		248988		
42	51.9	37.1	55.7		
101	9.6	8.6	12.8		
130	19.6	19.6	29.4		

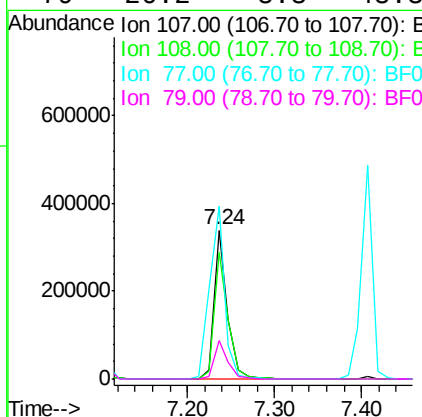
Manual Integrations
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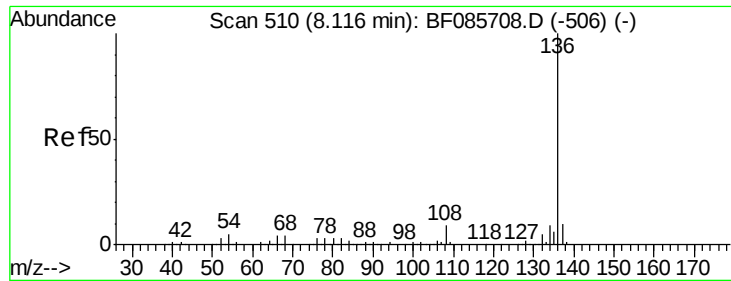
Sohil
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#20
3+4-Methylphenols
Concen: 51.54 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		362714		
108	85.2	69.3	109.3		
77	115.7	101.7	141.7		
79	26.2	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: BF085815.D

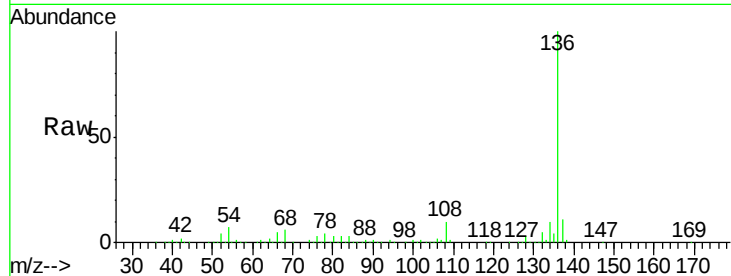
Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

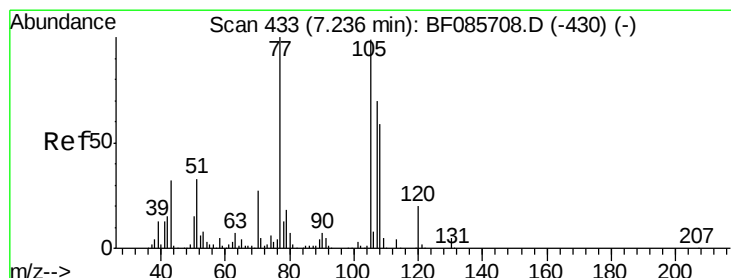
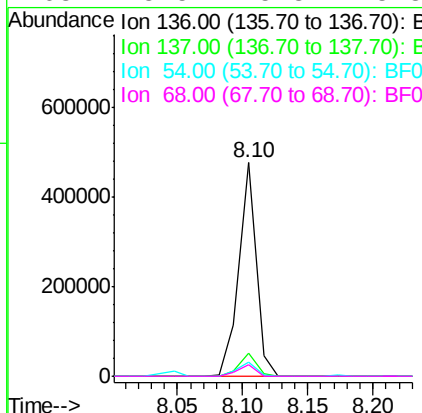
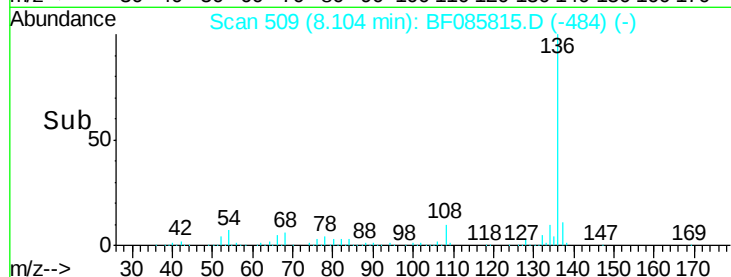
GW-04(16-18)MS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	439016		
137	11.1	9.1	13.7	
54	6.6	7.4	11.0	
68	5.5	5.8	8.8	

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#22

Acetophenone

Concen: 48.60 ng

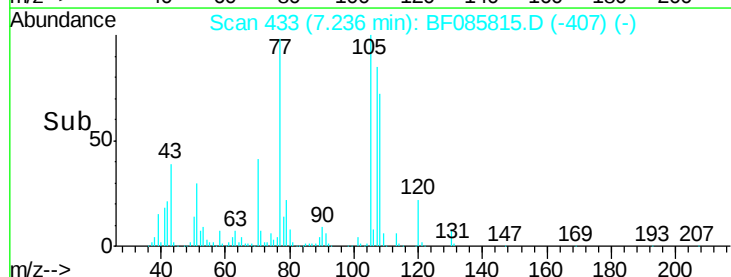
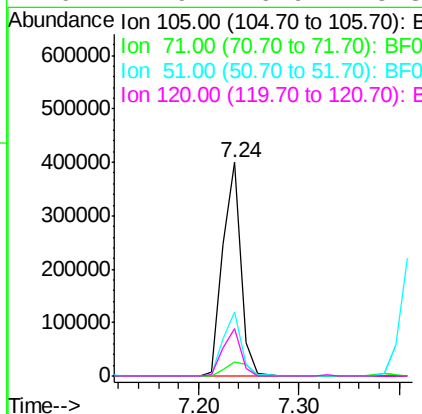
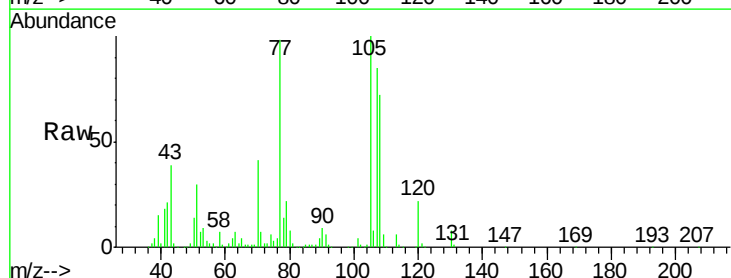
RT: 7.24 min Scan# 433

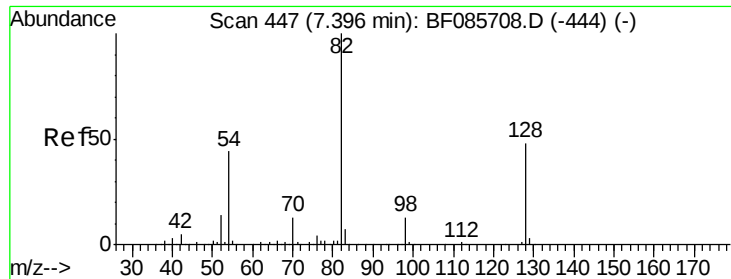
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	497083		
71	6.8	3.6	5.4	
51	29.8	25.4	38.0	
120	21.9	16.9	25.3	





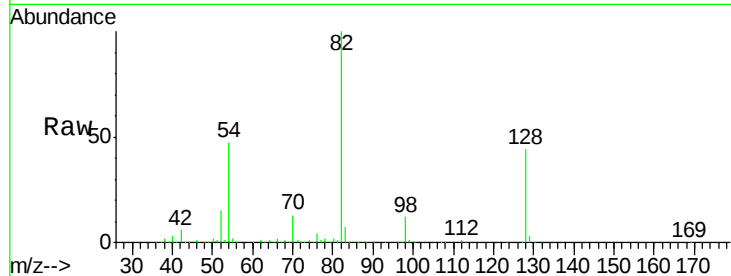
#23
 Nitrobenzene-d5
 Concen: 100.54 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

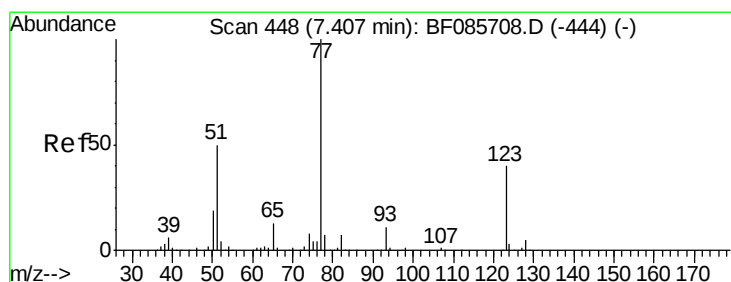
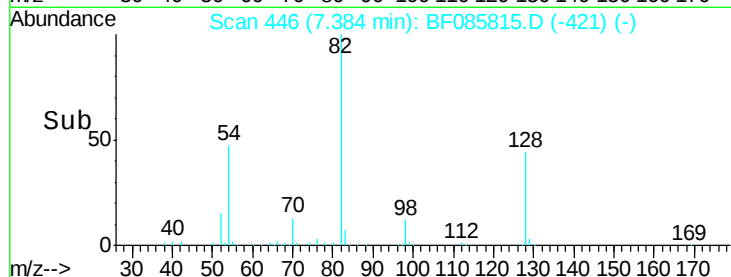
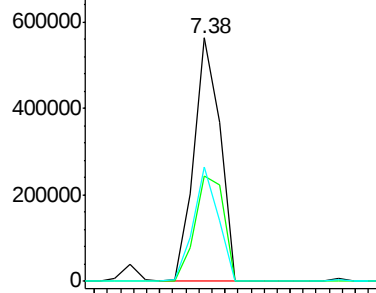
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	783788		
128	43.5	41.8	62.8	
54	46.9	33.4	50.0	

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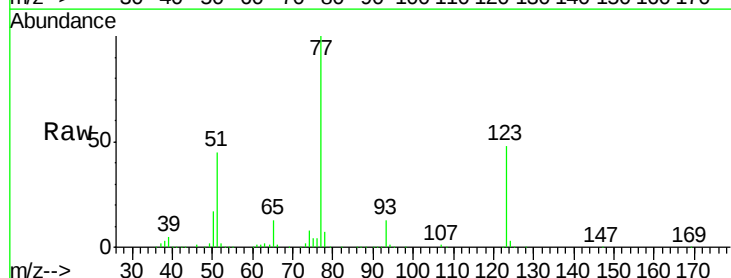


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

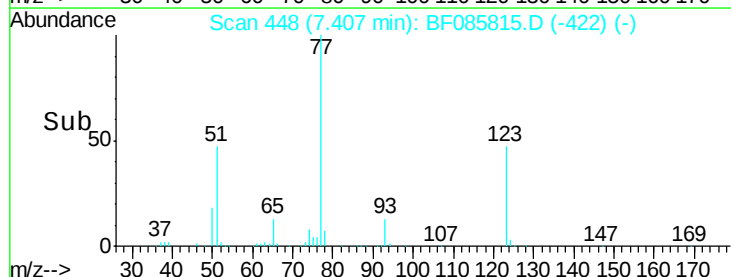
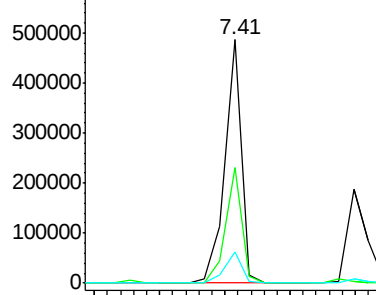


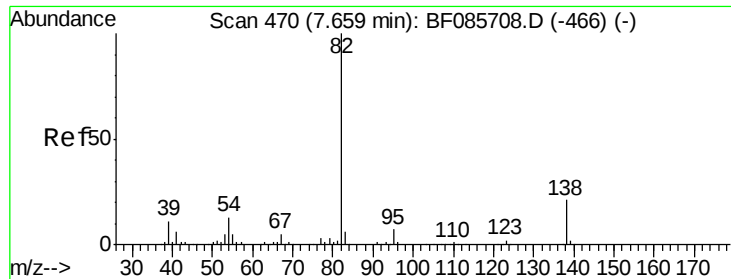
#24
 Nitrobenzene
 Concen: 53.37 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	428910		
123	47.6	35.0	52.4	
65	12.8	10.6	16.0	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 51.39 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

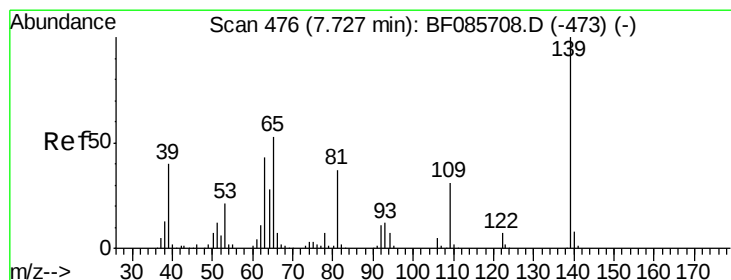
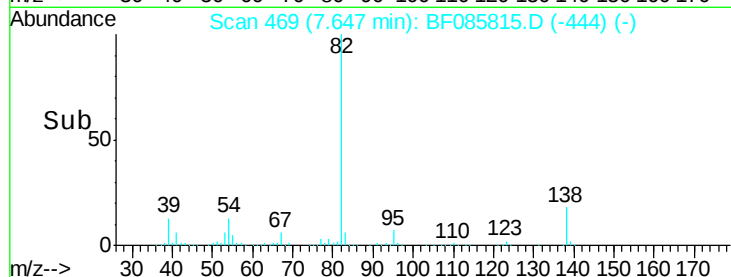
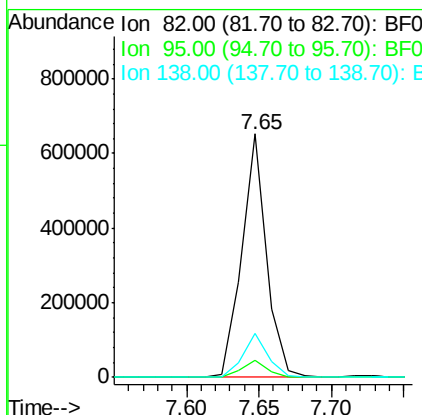
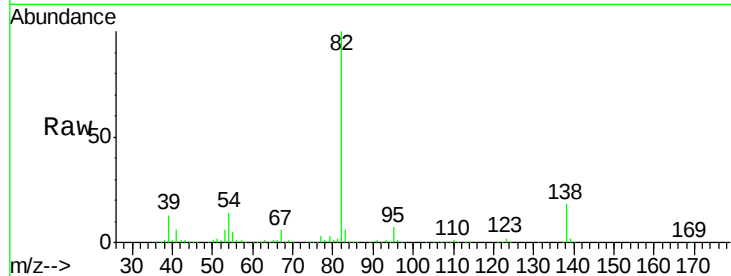
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	82	Resp:	771820
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	18.0	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.26 ng

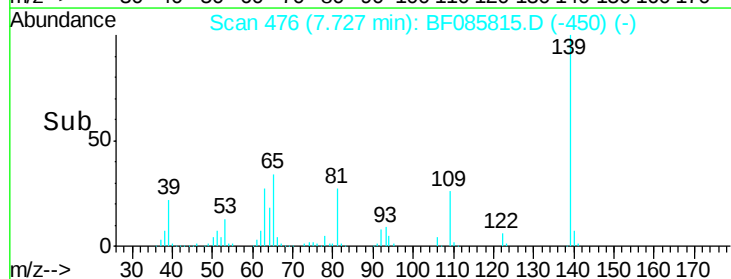
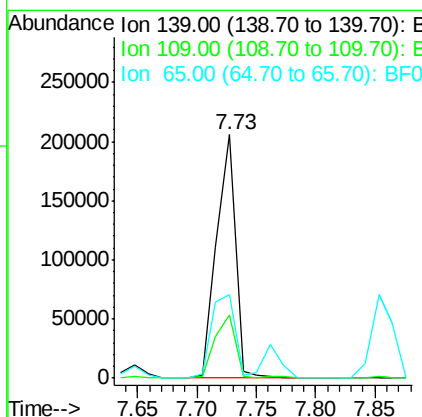
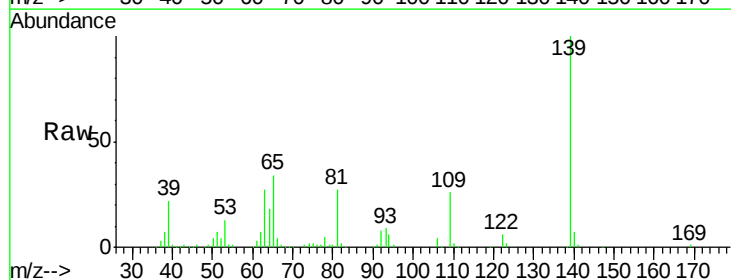
RT: 7.73 min Scan# 476

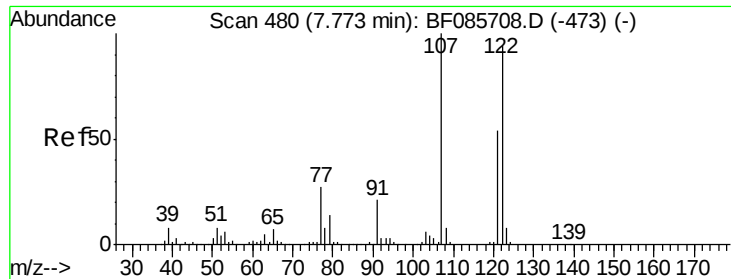
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	139	Resp:	226193
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.1	33.1
65	34.3	33.9	50.9





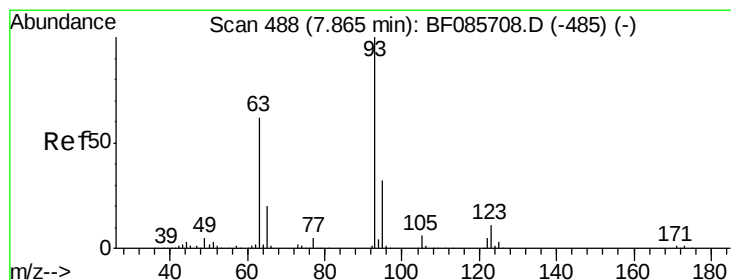
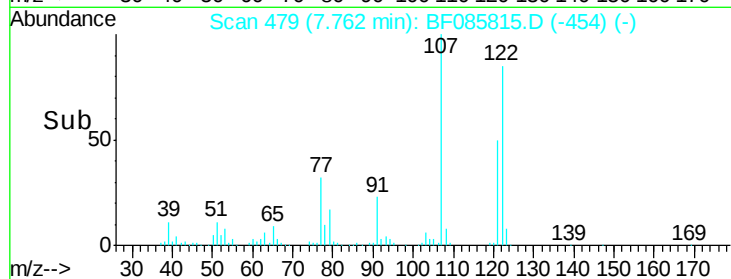
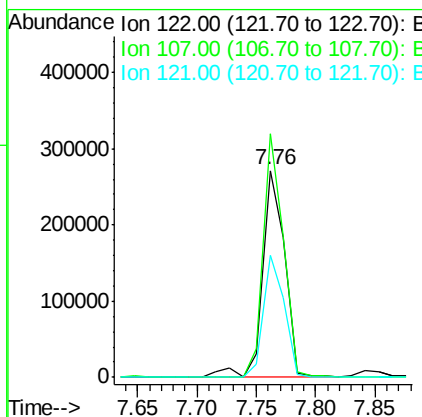
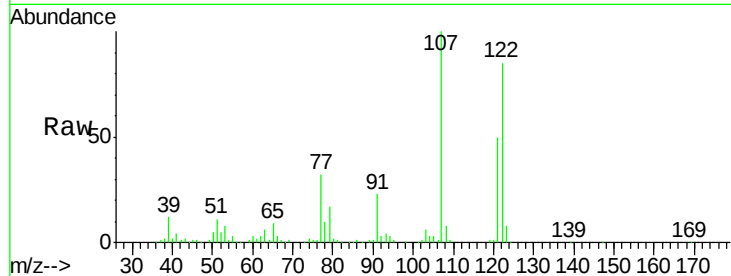
#27
 2,4-Dimethylphenol
 Concen: 50.45 ng
 RT: 7.76 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	354525		
107	117.9	93.0	139.6	
121	59.4	45.9	68.9	

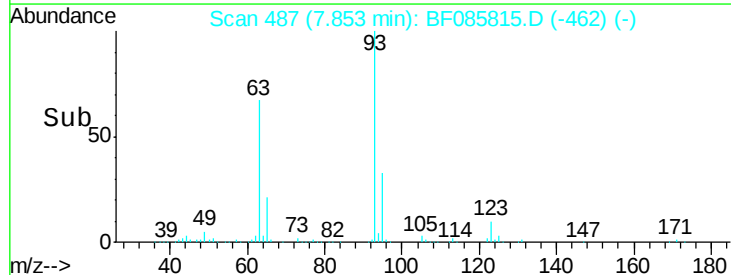
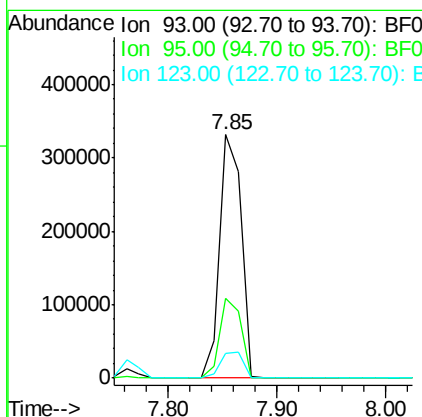
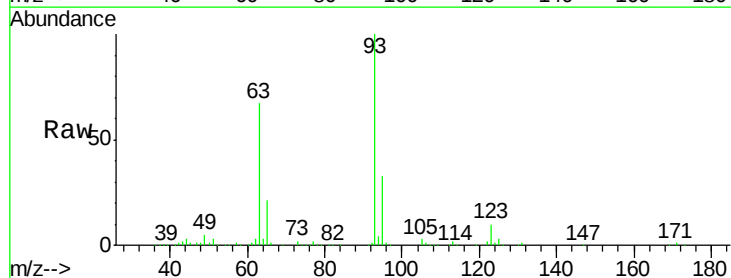
Manual Integrations
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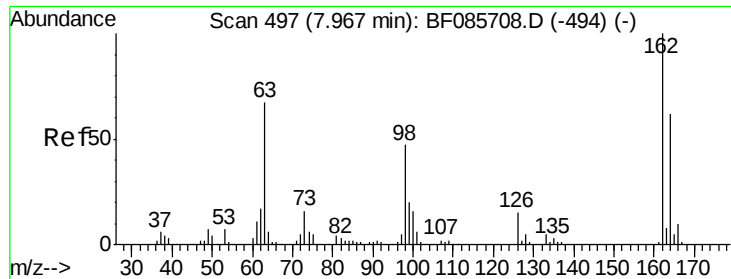
Sohil
 3/29/2016 12:03:21 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.76 ng
 RT: 7.85 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	460046		
95	32.8	26.4	39.6	
123	10.3	9.8	14.6	





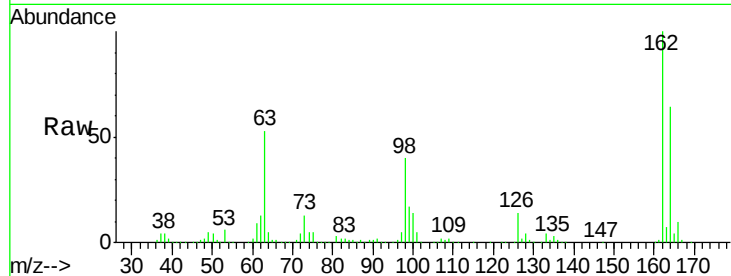
#29
2,4-Dichlorophenol
Concen: 54.65 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

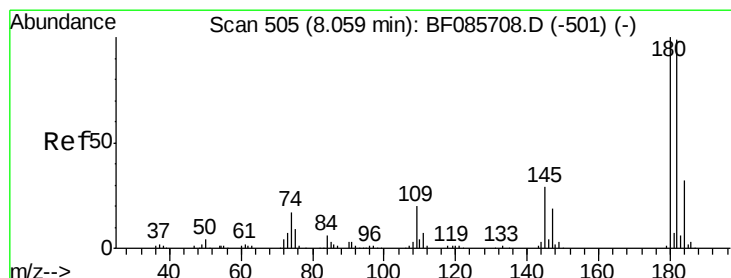
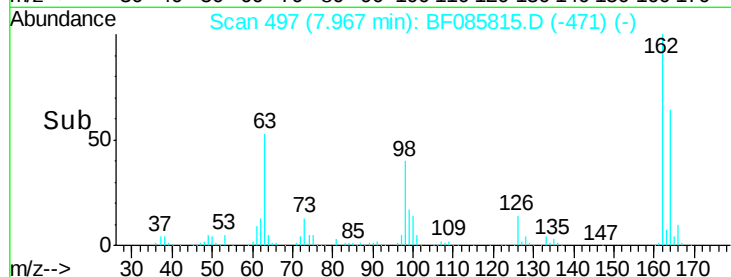
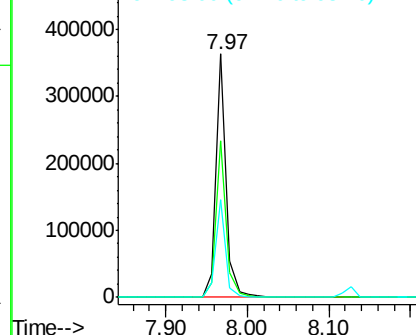
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	43.7	83.7
98	40.3	20.4	60.4

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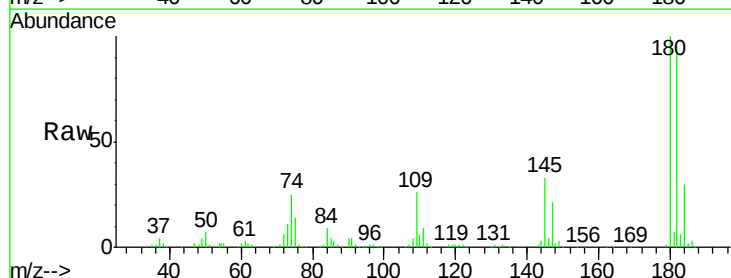


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

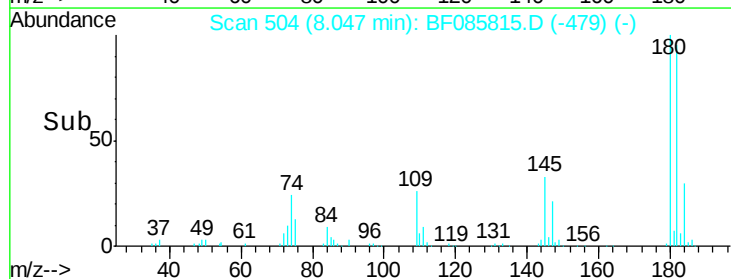
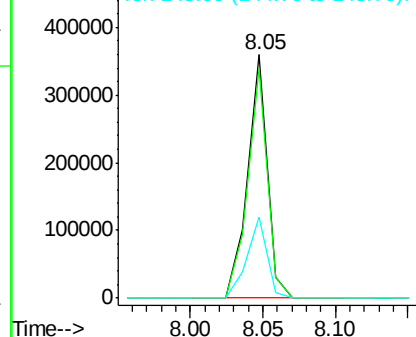


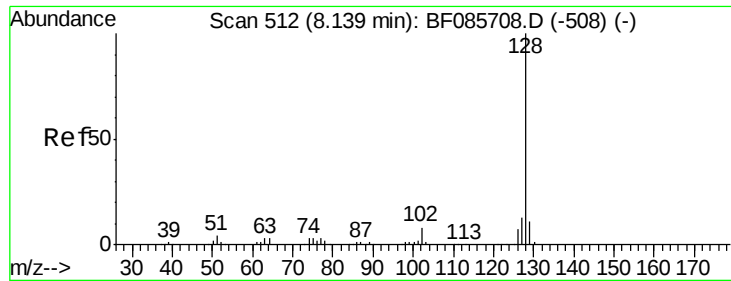
#30
1,2,4-Trichlorobenzene
Concen: 51.61 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	73.8	110.8
145	33.5	28.4	42.6



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





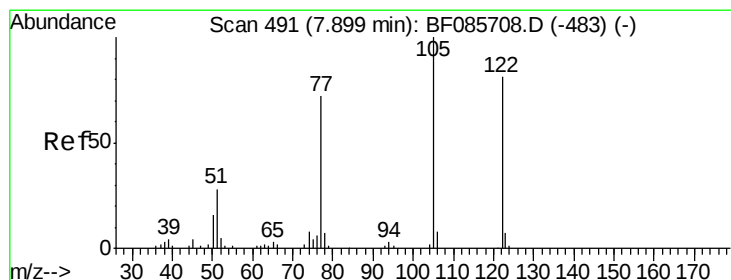
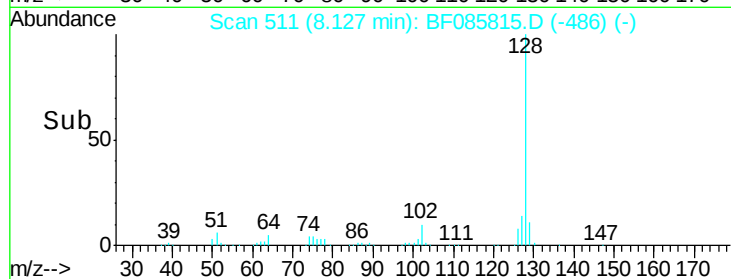
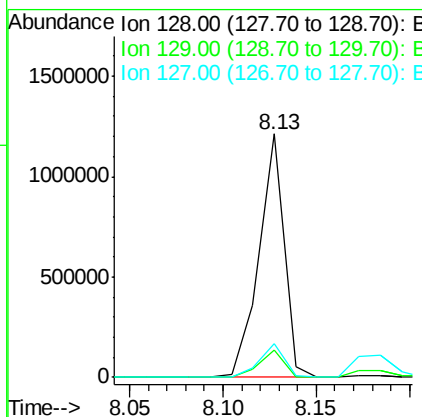
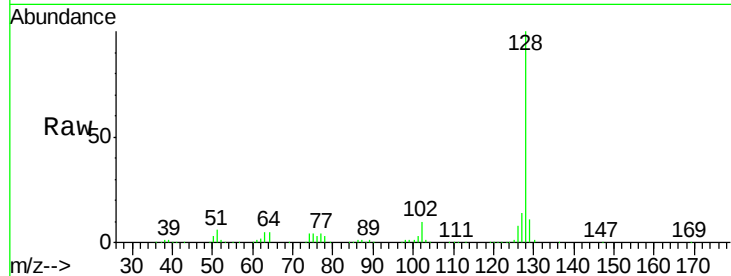
#31
Naphthalene
Concen: 50.91 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion:128 Resp: 1126092
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.7 11.0 16.6

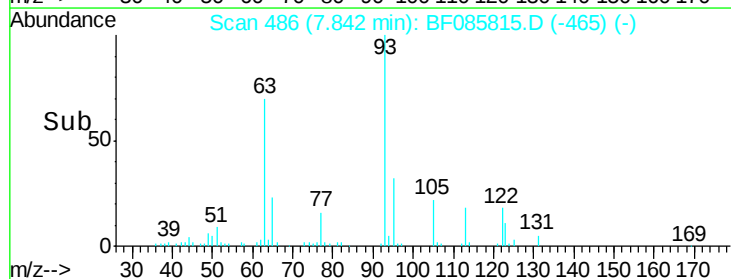
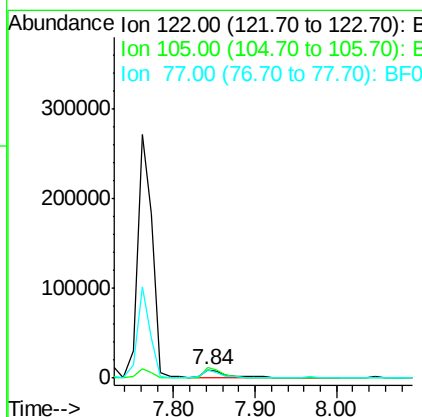
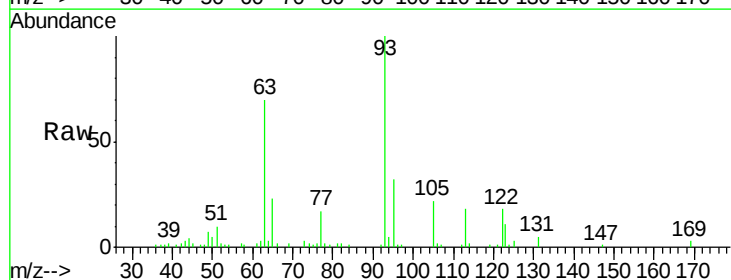
Manual Integrations
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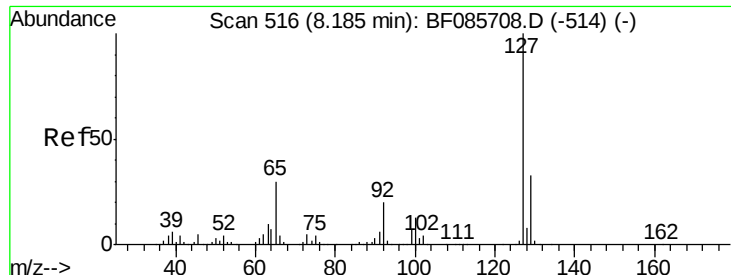
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#32
Benzoic acid
Concen: 4.35 ng
RT: 7.84 min Scan# 486
Delta R.T. -0.06 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion:122 Resp: 20315
Ion Ratio Lower Upper
122 100
105 123.7 102.9 142.9
77 98.3 71.8 111.8





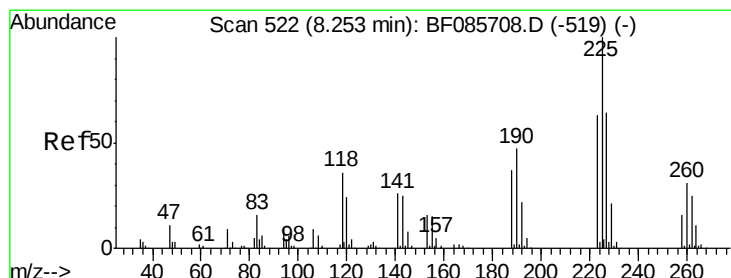
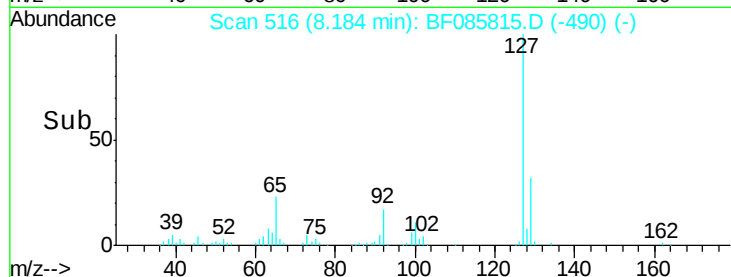
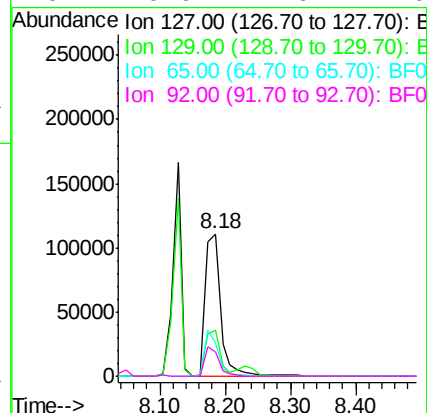
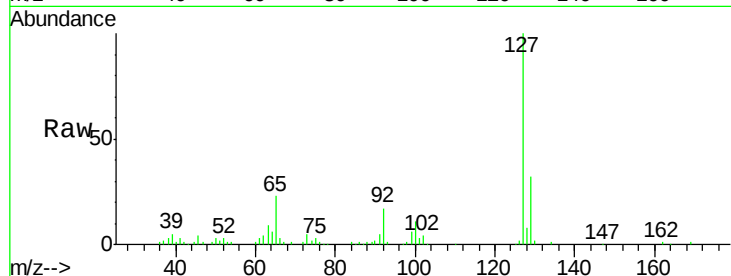
#33
4-Chloroaniline
Concen: 20.32 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	183543		
129	32.2	26.1	39.1	
65	23.0	19.5	29.3	
92	16.9	14.6	22.0	

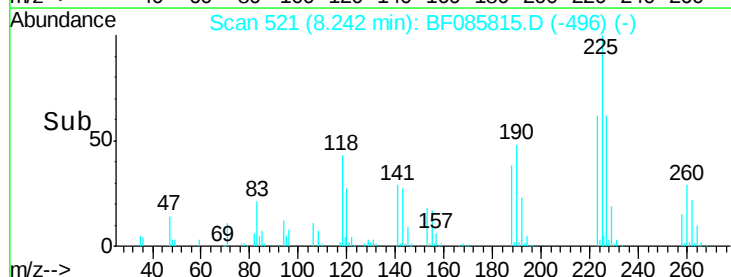
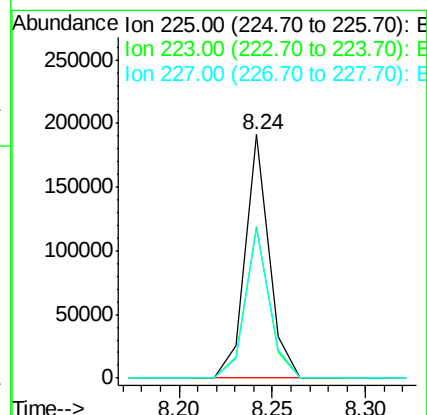
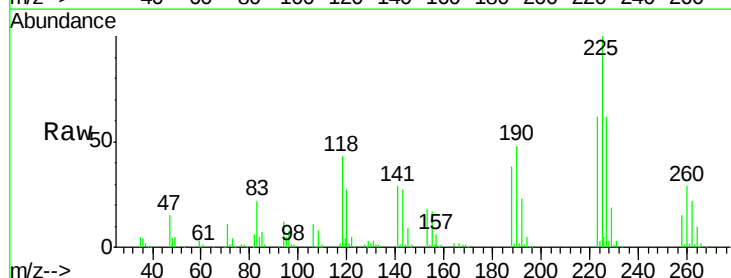
Manual Integrations
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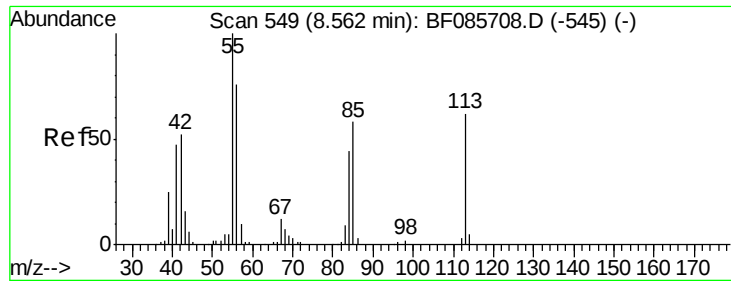
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#34
Hexachlorobutadiene
Concen: 48.17 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171726		
223	62.0	50.4	75.6	
227	61.6	51.4	77.2	





#35

Caprolactam

Concen: 50.72 ng m

RT: 8.56 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

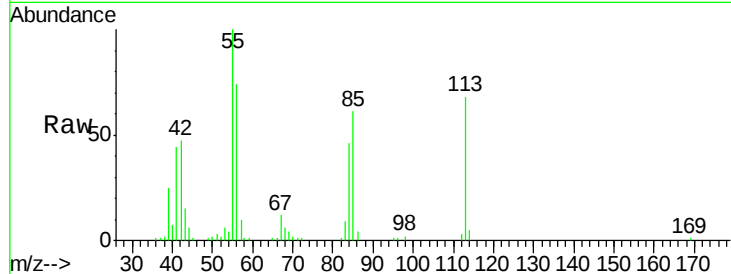
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	113	Resp:	106143
Ion Ratio	Lower	Upper	
113	100		
55	147.2	139.4	179.4
56	109.5	100.4	140.4

Manual Integrations
APPROVED

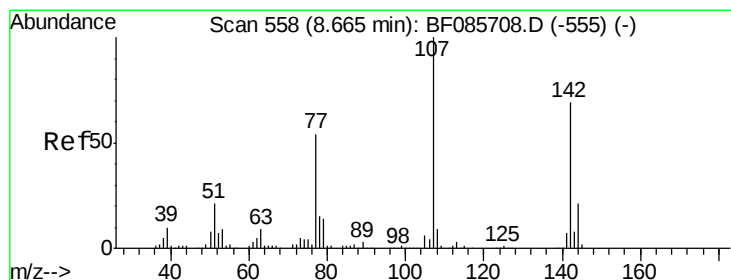
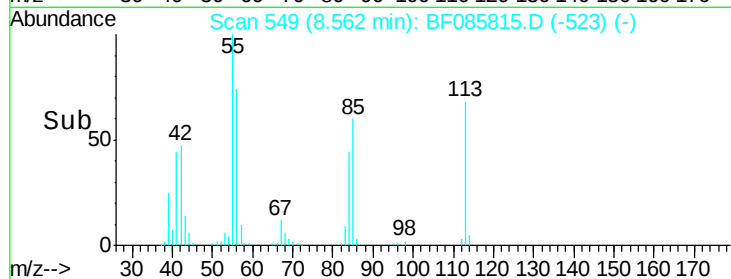
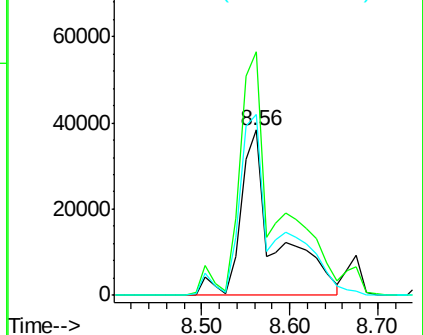
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 54.13 ng

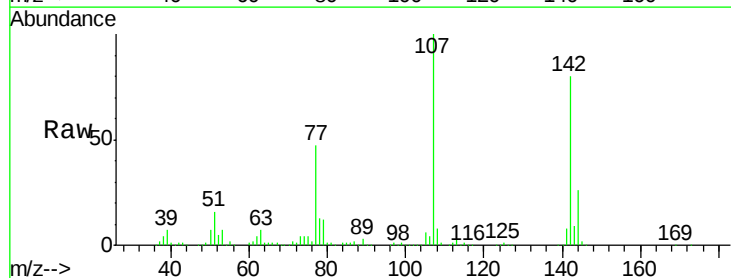
RT: 8.68 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

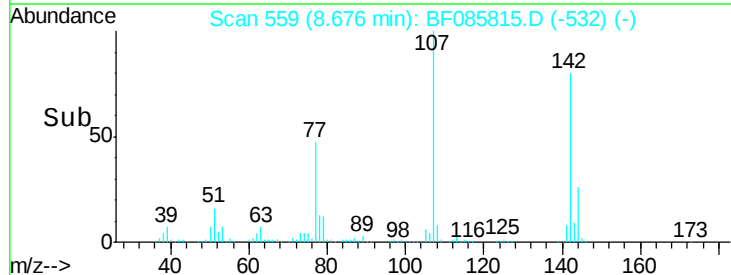
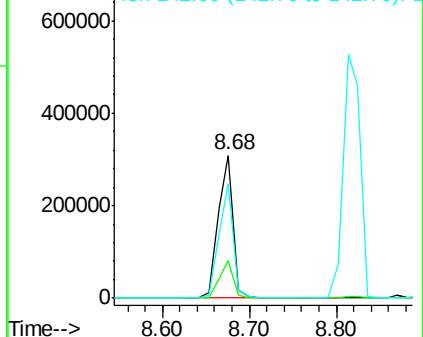
Tgt Ion:	107	Resp:	373522
Ion Ratio	Lower	Upper	
107	100		
144	26.1	19.3	28.9
142	80.5	61.4	92.0

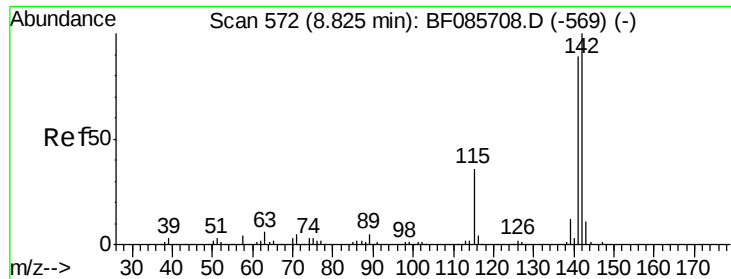


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





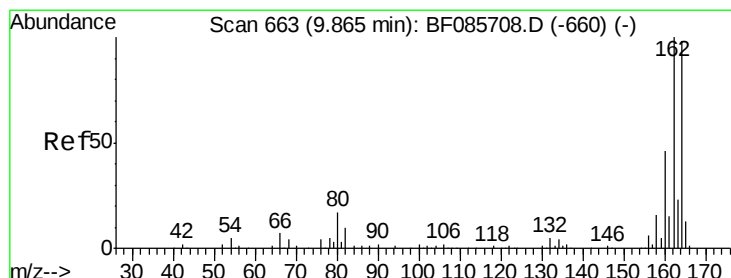
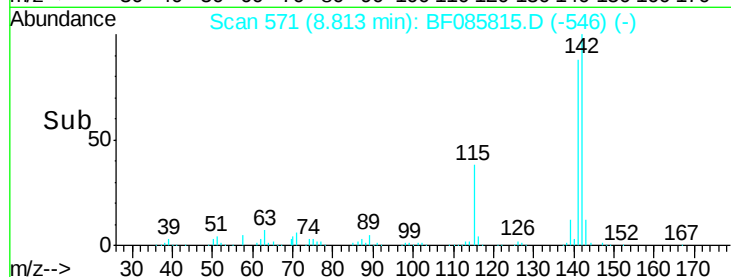
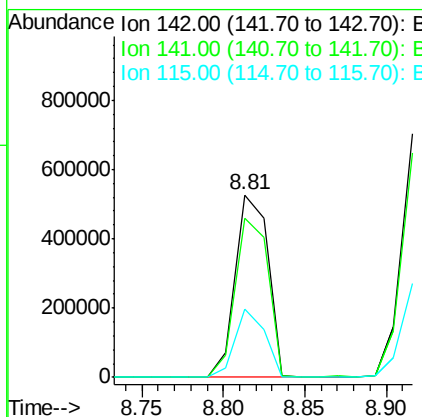
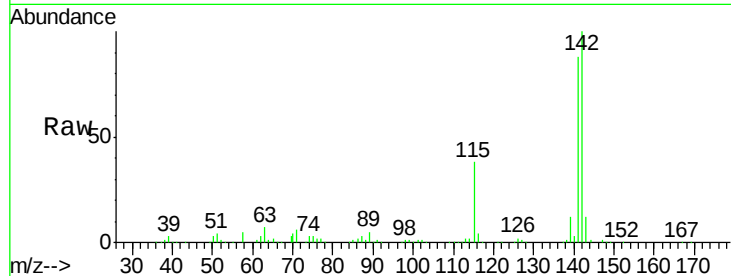
#37
2-Methylnaphthalene
Concen: 62.42 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.6	107.4
115	37.6	26.8	40.2

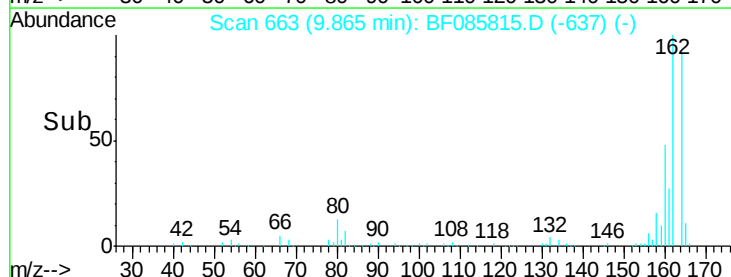
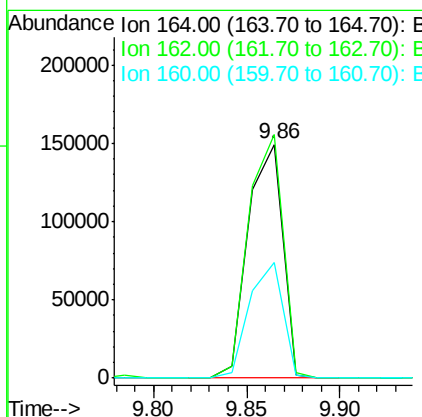
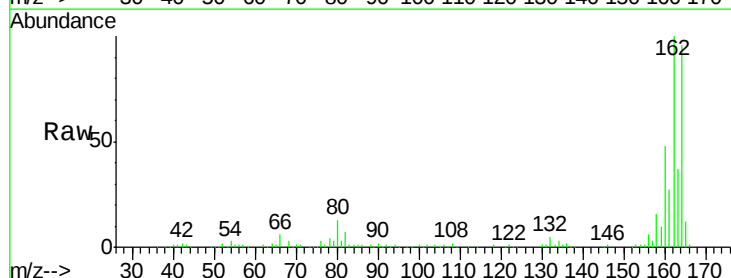
Manual Integrations
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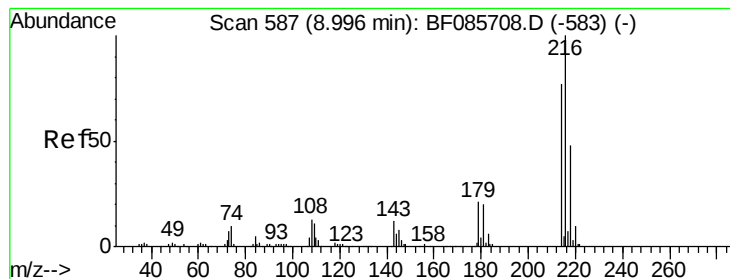
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.1	123.1
160	49.7	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.80 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085815.D

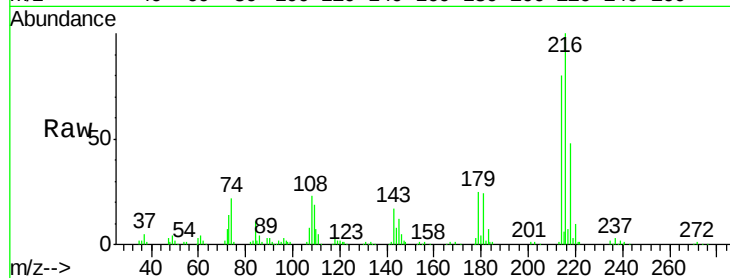
Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

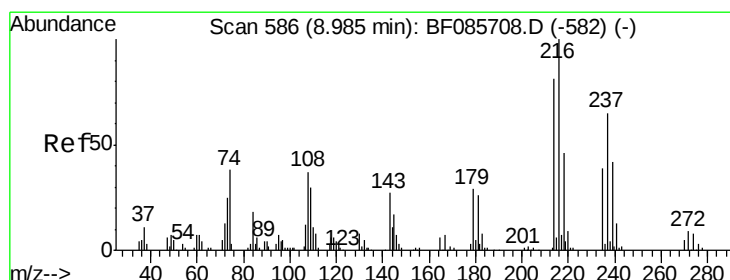
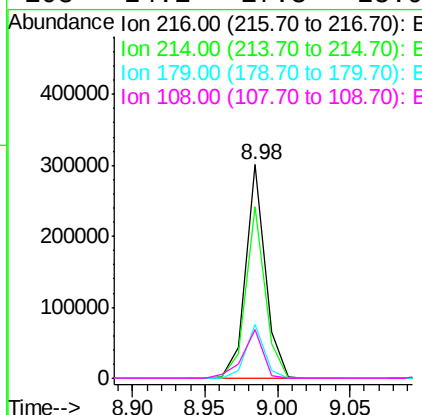
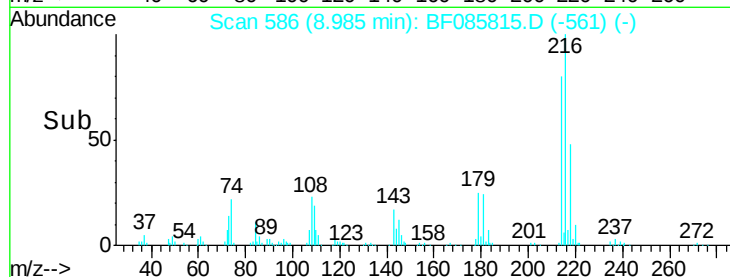
GW-04(16-18)MS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	283010		
214	79.2	63.1	94.7	
179	23.7	18.2	27.2	
108	24.1	17.3	25.9	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 87.85 ng

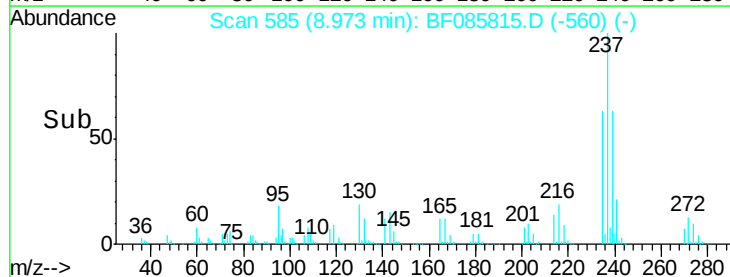
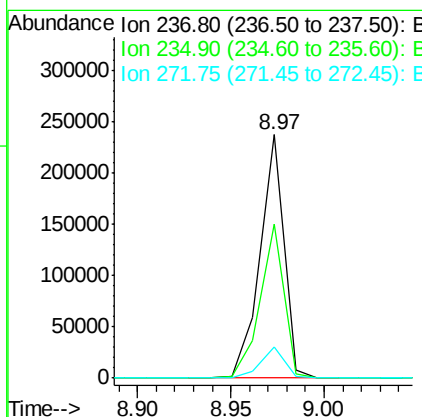
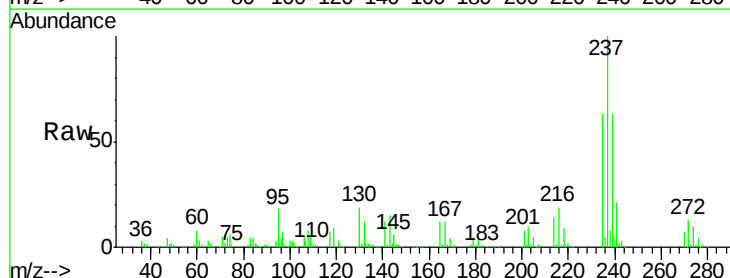
RT: 8.97 min Scan# 585

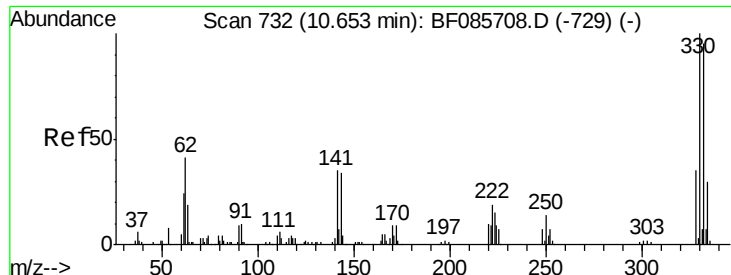
Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	210485		
235	63.4	43.7	83.7	
272	13.0	0.0	31.9	





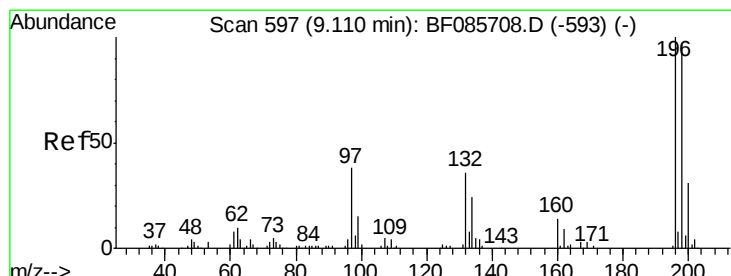
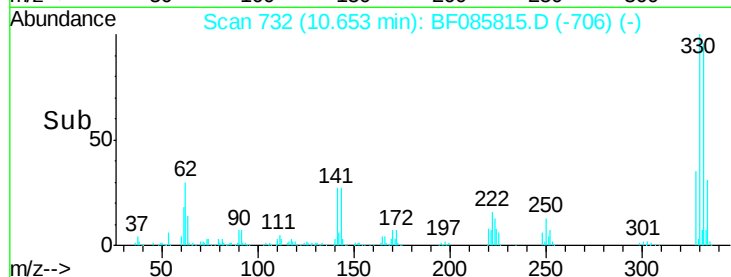
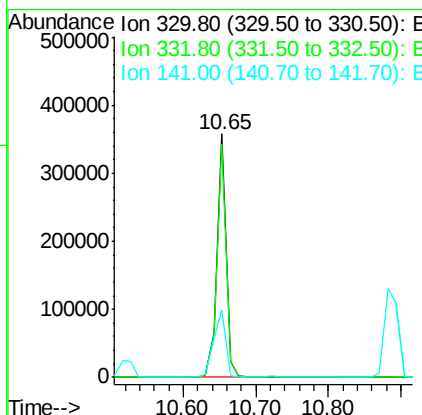
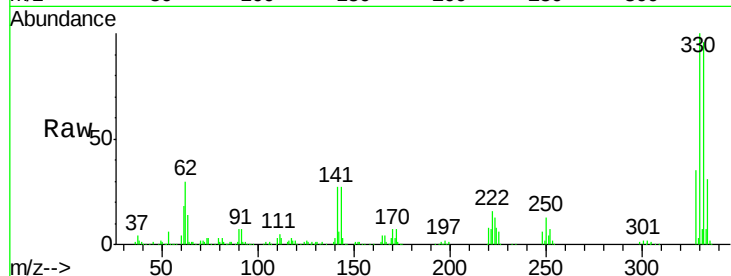
#41
 2,4,6-Tribromophenol
 Concen: 172.21 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	313553		
332	96.3	78.2	117.2	
141	36.0	31.5	47.3	

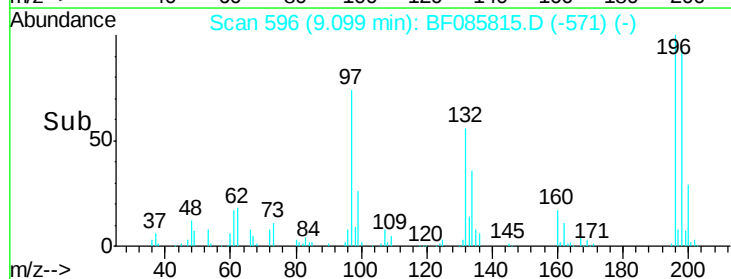
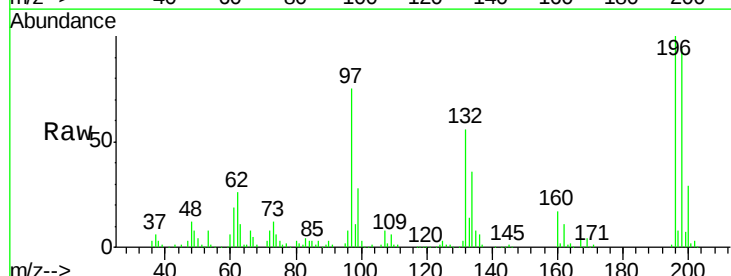
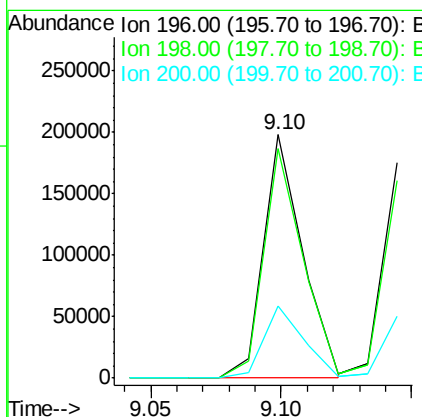
Manual Integrations
 APPROVED

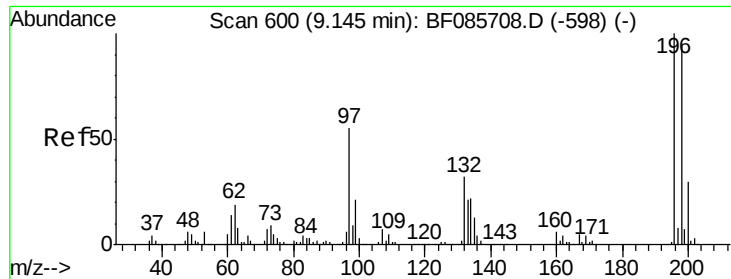
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 3/29/2016 12:03:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.09 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203771		
198	94.2	75.3	112.9	
200	29.4	23.7	35.5	





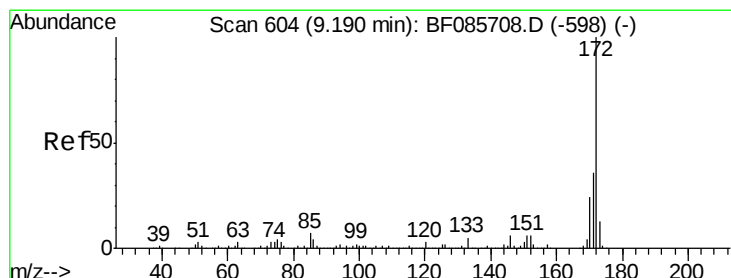
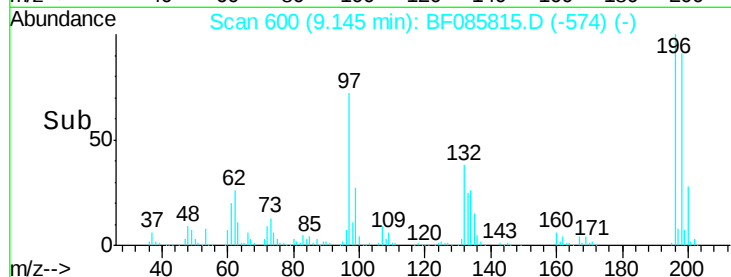
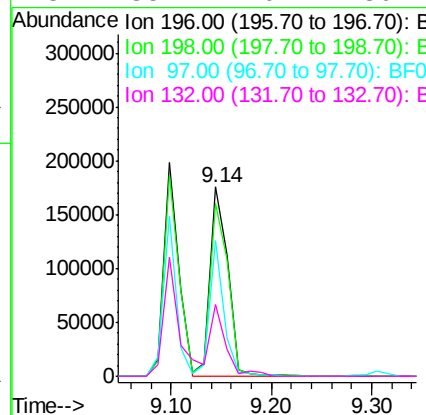
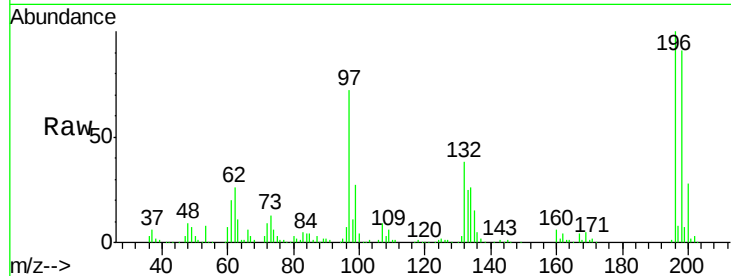
#43
 2,4,5-Trichlorophenol
 Concen: 53.41 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214957		
198	91.5	76.6	114.8	
97	72.1	30.5	45.7#	
132	38.2	20.2	30.2#	

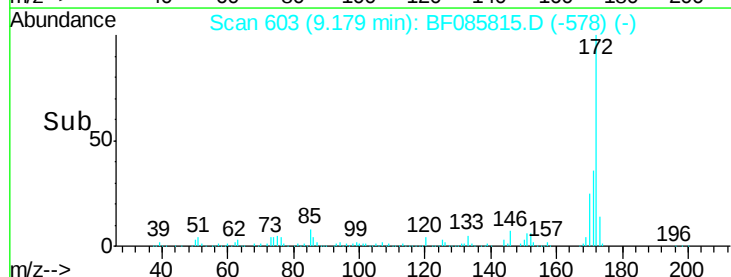
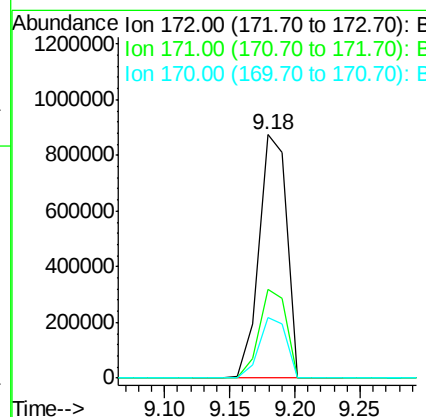
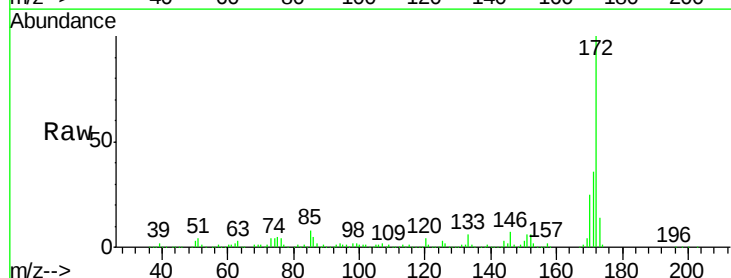
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#44
 2-Fluorobiphenyl
 Concen: 113.06 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1296750		
171	36.4	29.4	44.2	
170	24.7	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 48.37 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

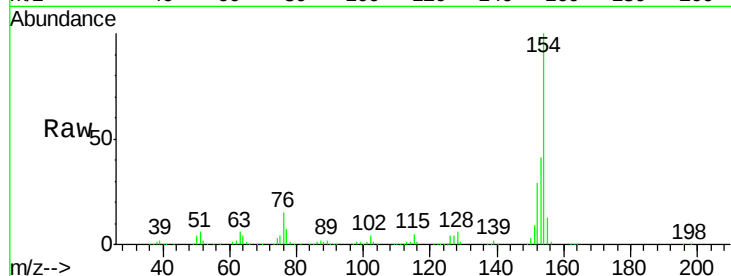
ClientSampleId :

GW-04(16-18)MS

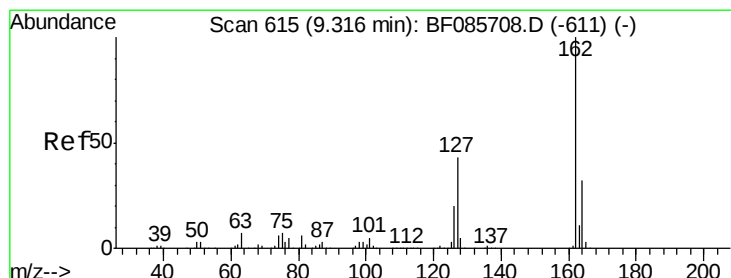
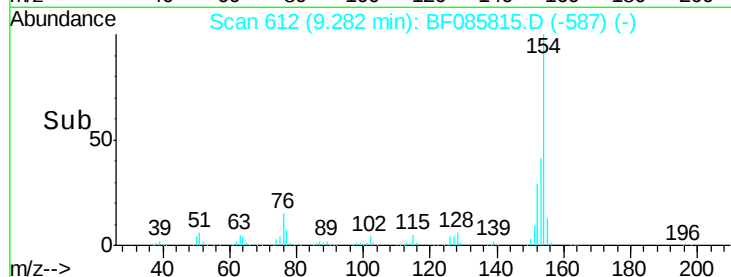
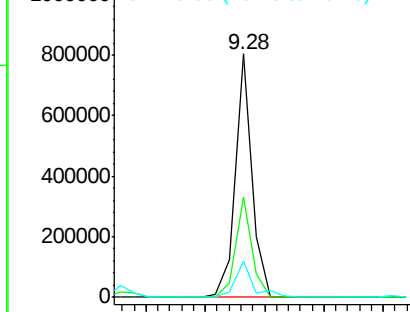
Tgt Ion:	154	Resp:	782235
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.8	60.8
76	15.0	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.76 ng

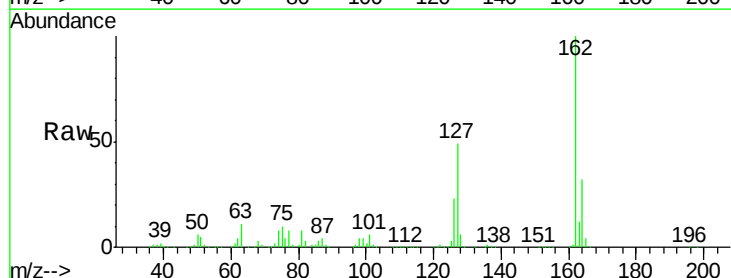
RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

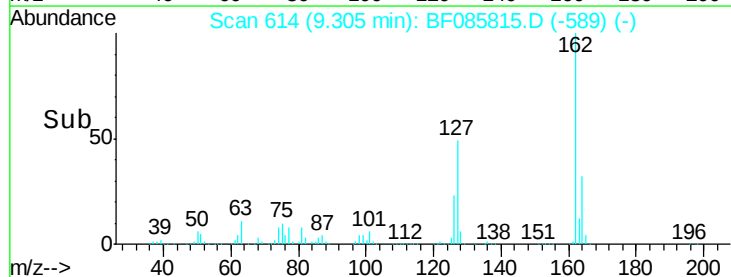
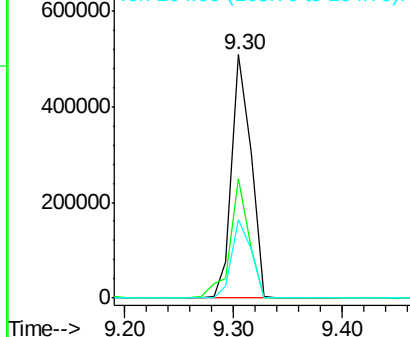
Lab File: BF085815.D

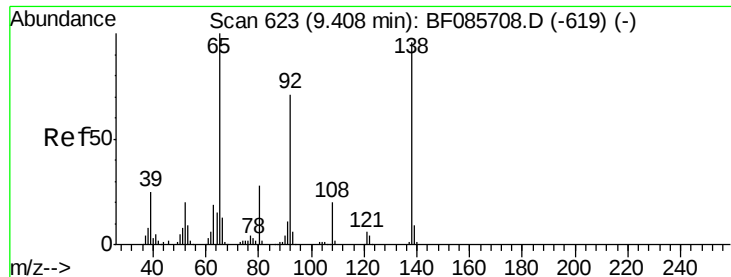
Acq: 28 Mar 2016 21:42

Tgt Ion:	162	Resp:	615382
Ion Ratio	Lower	Upper	
162	100		
127	48.9	31.7	47.5#
164	32.3	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 55.57 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

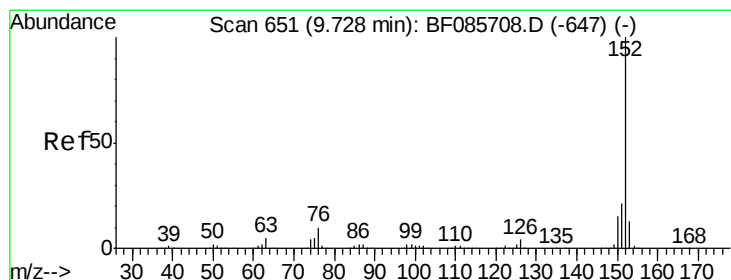
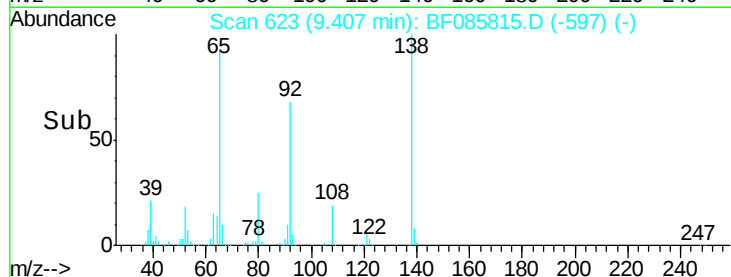
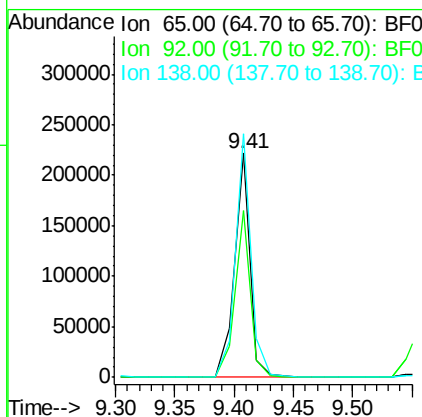
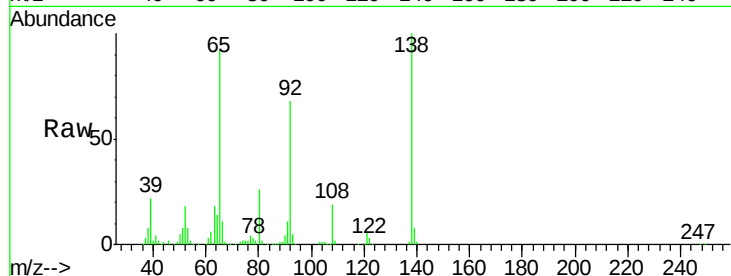
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	65	Resp:	202069
Ion Ratio		Lower	Upper
65	100		
92	74.3	59.7	89.5
138	108.5	91.4	137.0

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#48

Acenaphthylene

Concen: 53.24 ng

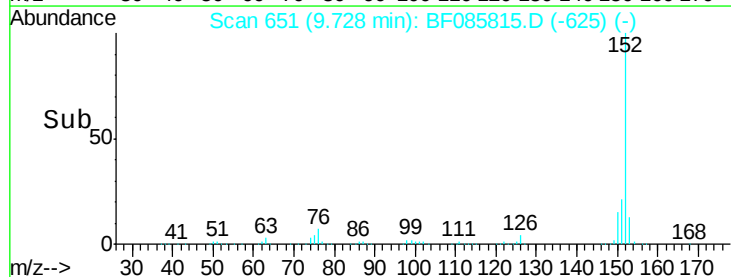
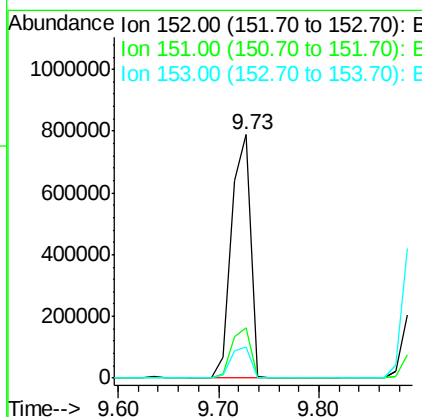
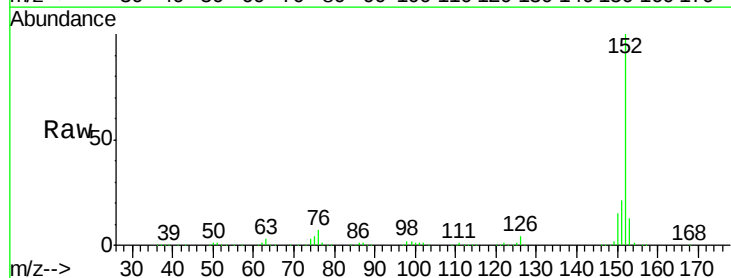
RT: 9.73 min Scan# 651

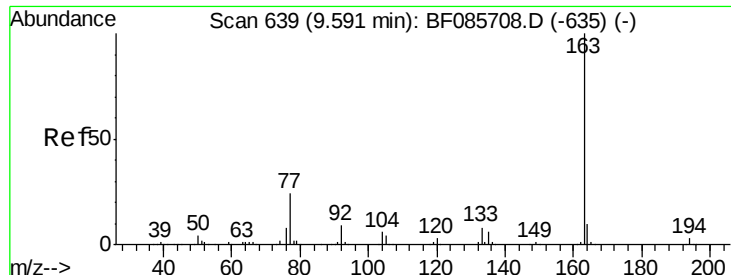
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	152	Resp:	1031546
Ion Ratio		Lower	Upper
152	100		
151	20.6	16.8	25.2
153	12.6	10.9	16.3





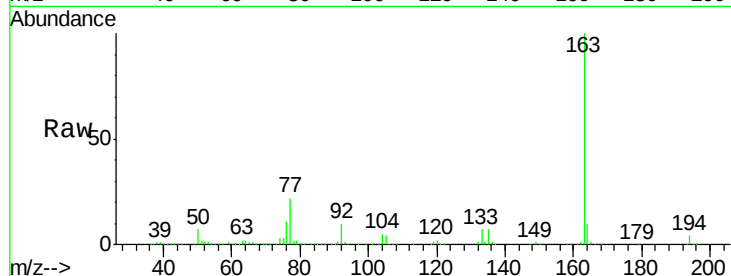
#49
Dimethylphthalate
Concen: 65.31 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

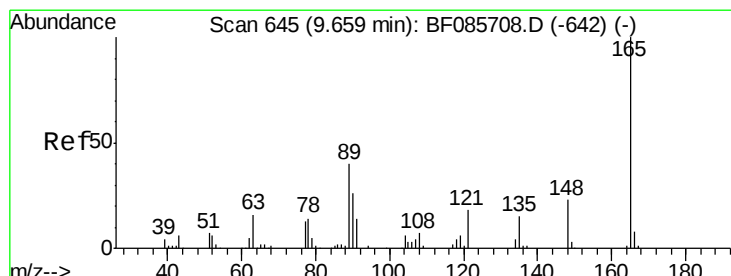
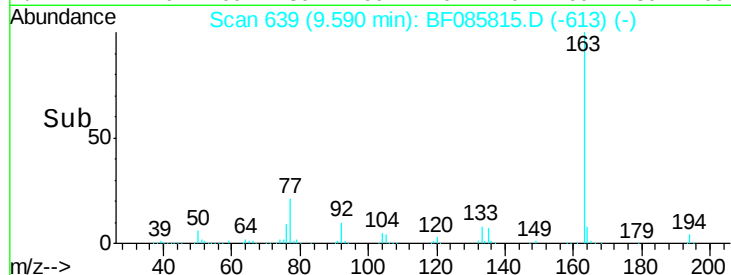
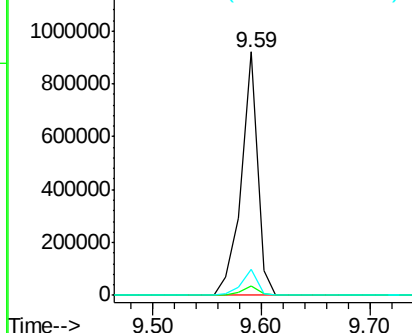
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.9	4.3
164	10.4	8.3	12.5

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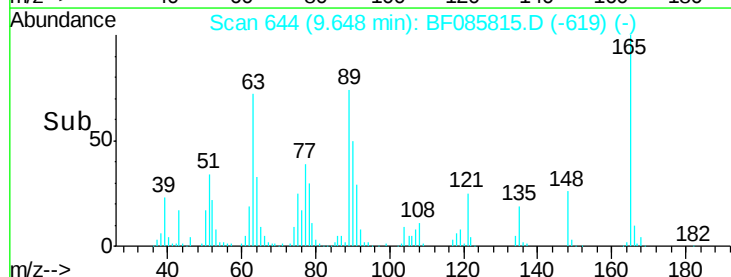
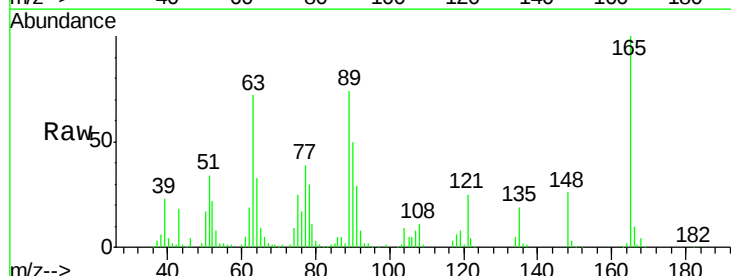
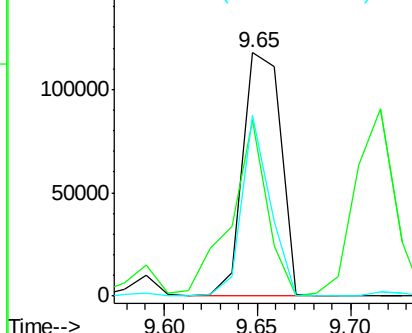
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

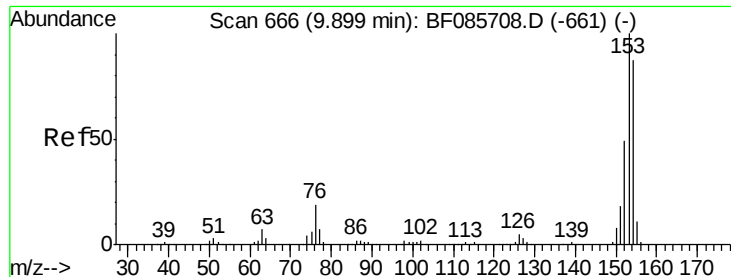


#50
2,6-Dinitrotoluene
Concen: 53.10 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.3	51.8	77.8
89	74.1	53.7	80.5

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





#51

Acenaphthene

Concen: 52.56 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

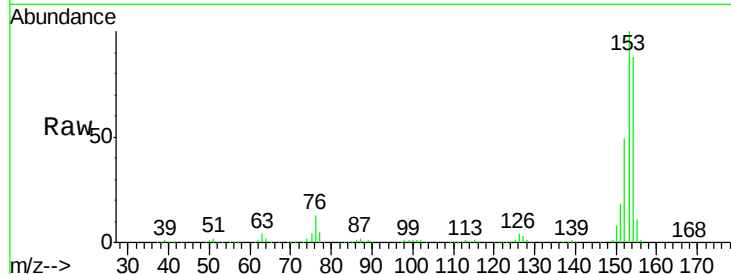
ClientSampleId :

GW-04(16-18)MS

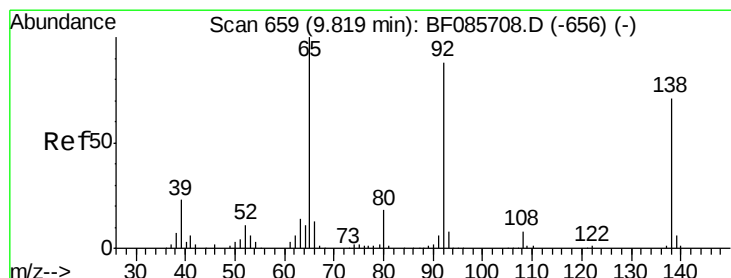
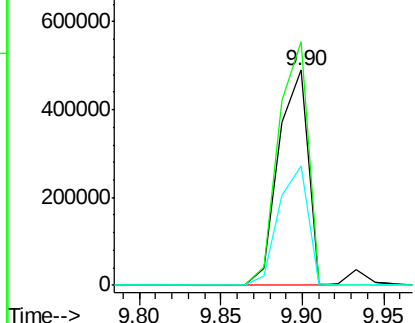
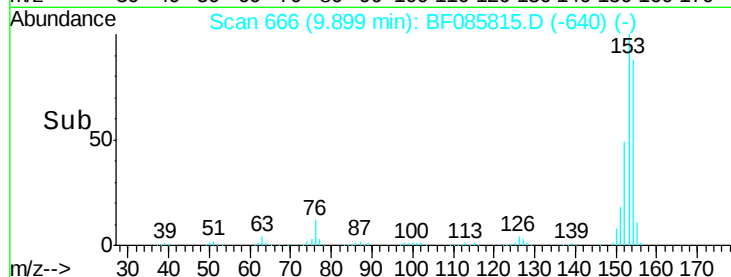
Tgt Ion:	154	Resp:	622064
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.1	135.1
152	55.7	44.2	66.2

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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: 34.29 ng

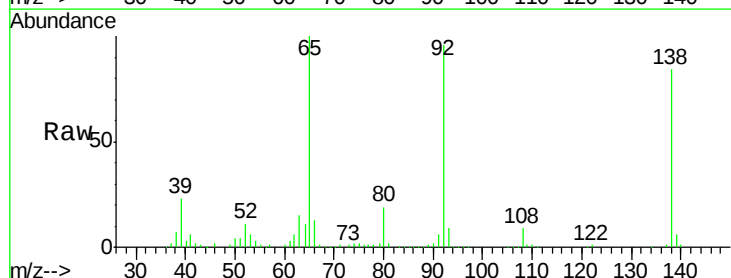
RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

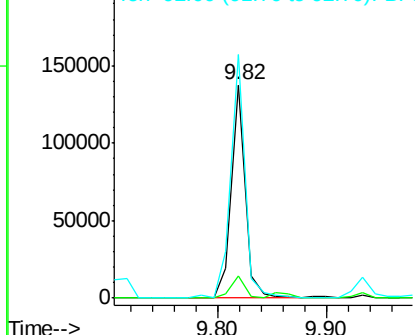
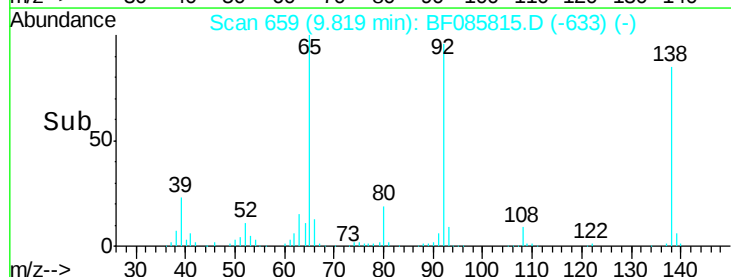
Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	138	Resp:	122843
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	114.1	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





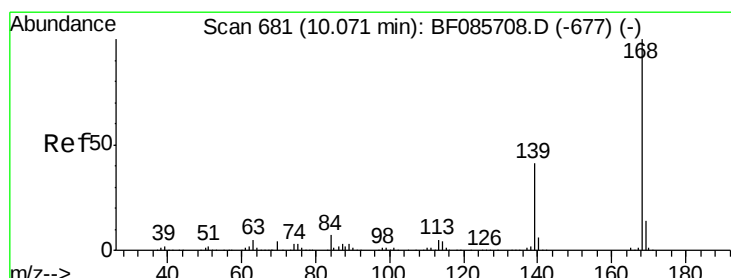
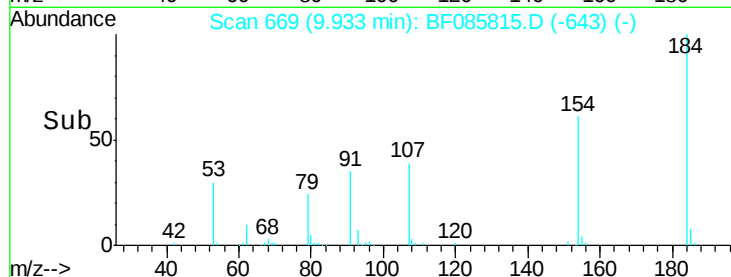
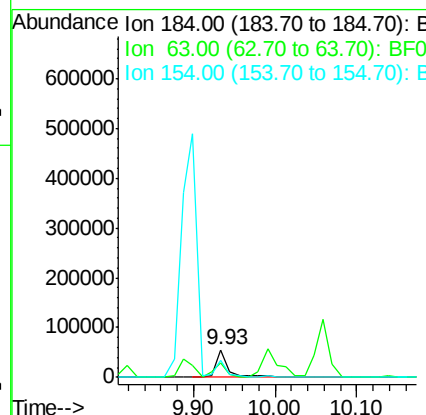
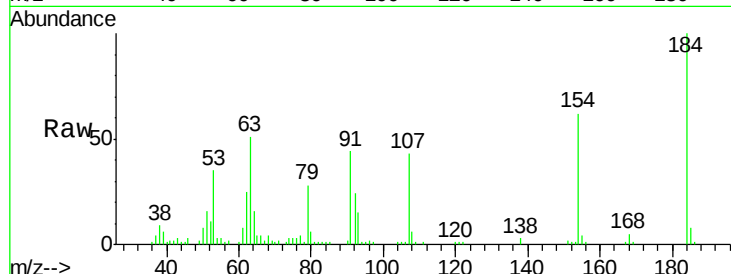
#53
 2,4-Dinitrophenol
 Concen: 40.75 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	59369		
63	51.1	69.5	104.3	#
154	61.5	58.3	87.5	

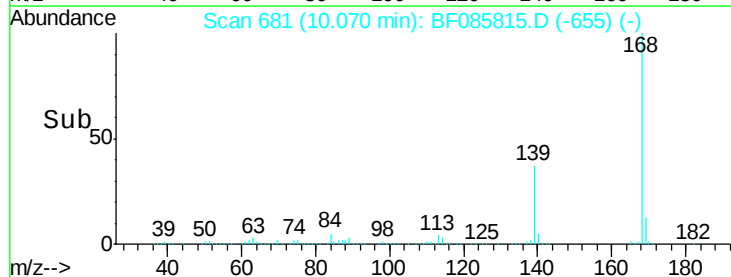
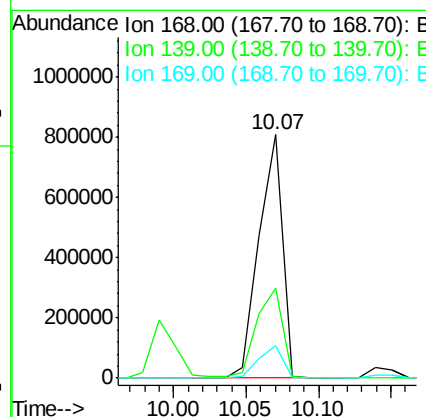
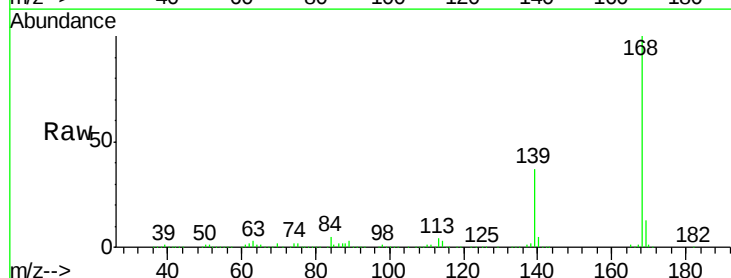
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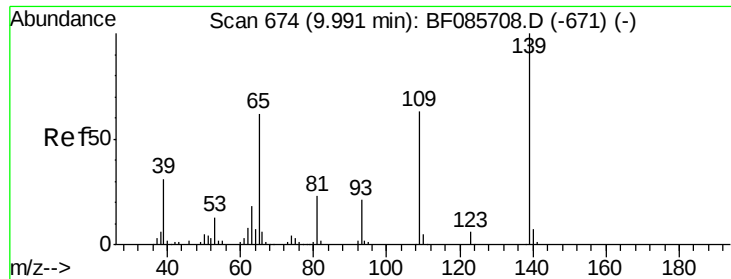
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#54
 Dibenzofuran
 Concen: 59.55 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	912182		
139	37.0	31.9	47.9	
169	13.2	11.0	16.6	





#55

4-Nitrophenol

Concen: 98.69 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

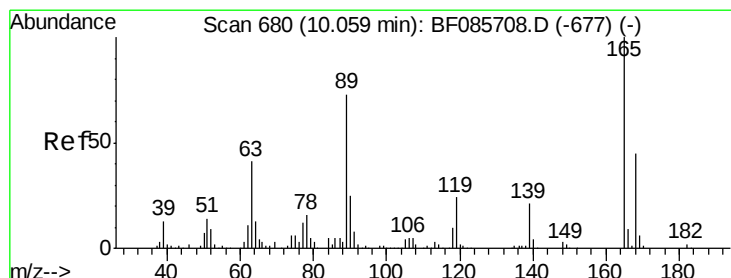
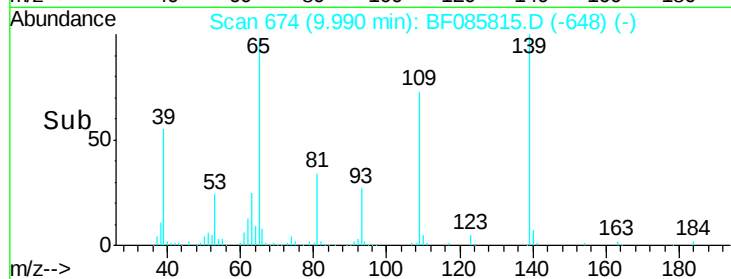
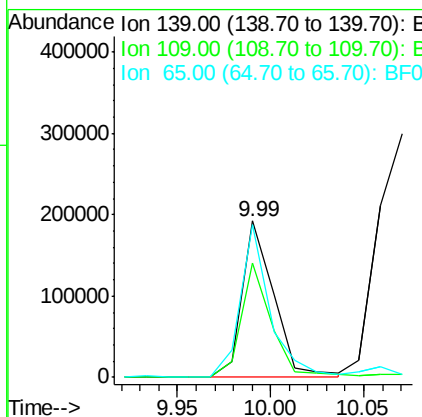
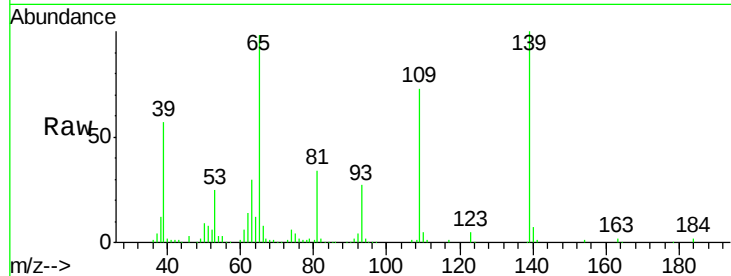
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	139	Resp:	230309
Ion Ratio	Lower	Upper	
139	100		
109	73.3	49.2	89.2
65	98.0	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 56.42 ng

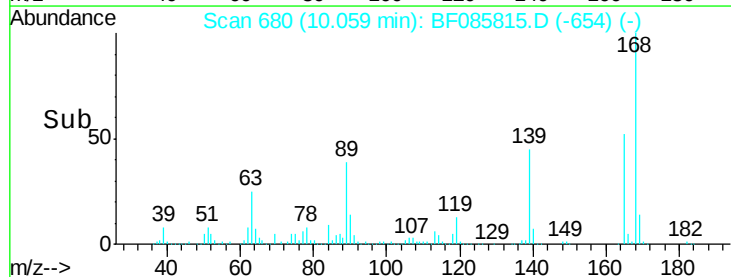
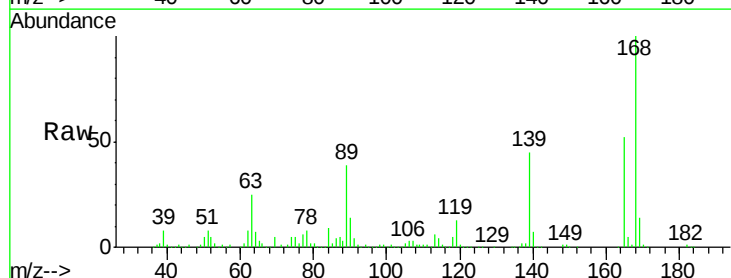
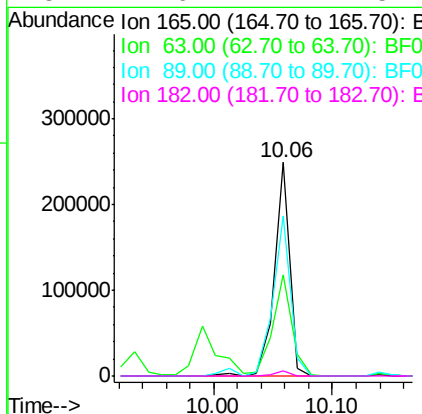
RT: 10.06 min Scan# 680

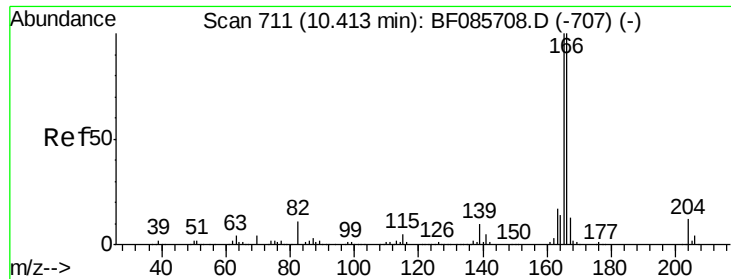
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	165	Resp:	224416
Ion Ratio	Lower	Upper	
165	100		
63	47.3	24.9	37.3#
89	75.0	41.0	61.6#
182	2.6	2.1	3.1





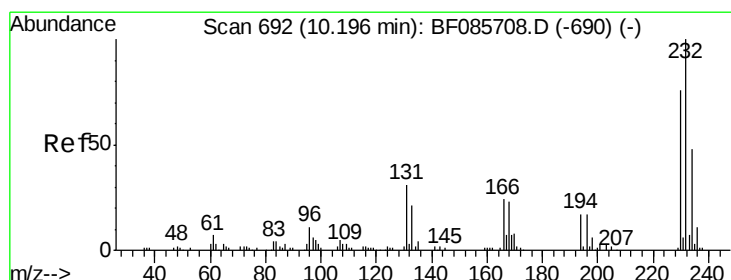
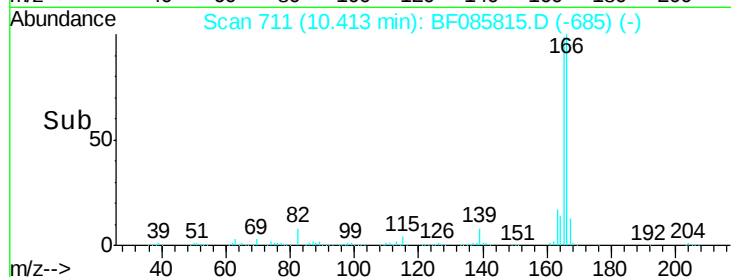
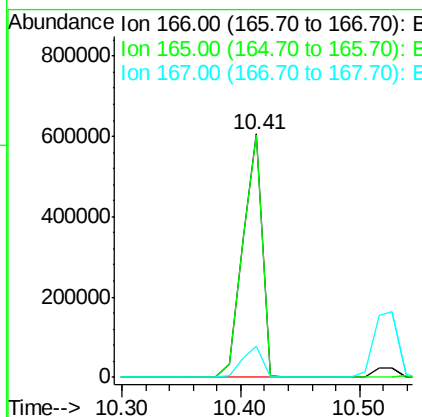
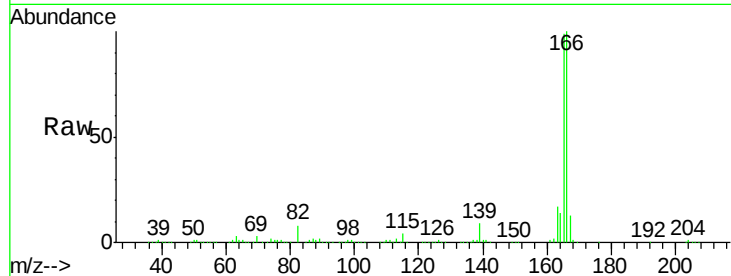
#57
 Fluorene
 Concen: 53.89 ng
 RT: 10.41 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	686162		
165	99.5	79.4	119.0	
167	13.1	11.0	16.4	

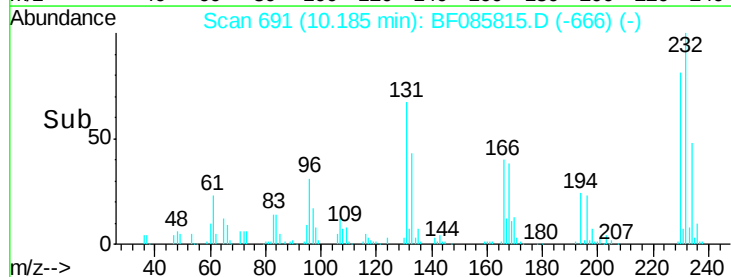
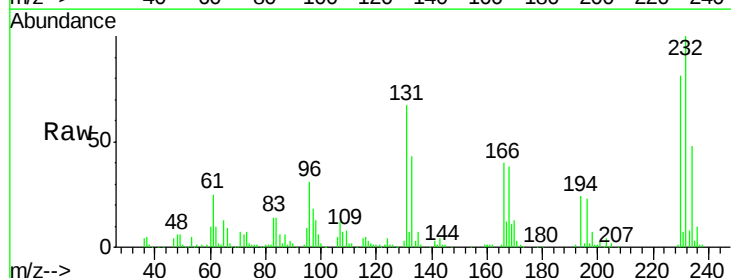
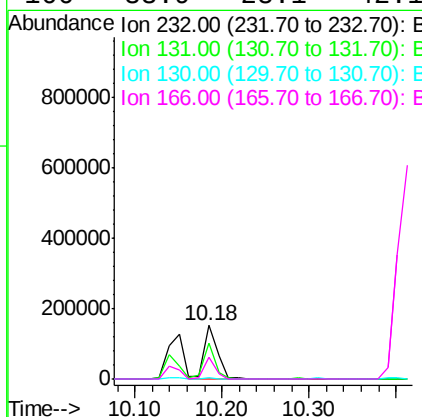
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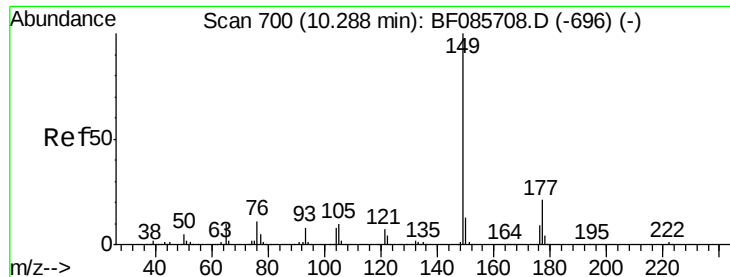
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.68 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	161365		
131	57.8	44.9	67.3	
130	2.8	2.3	3.5	
166	33.9	28.1	42.1	





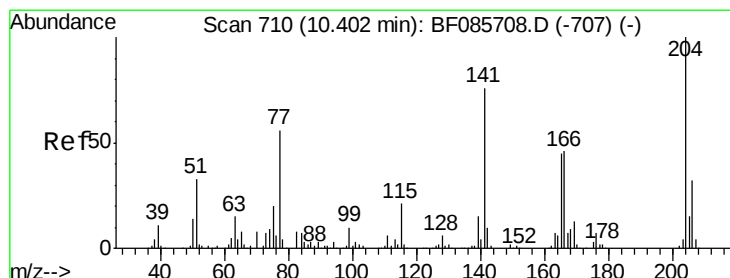
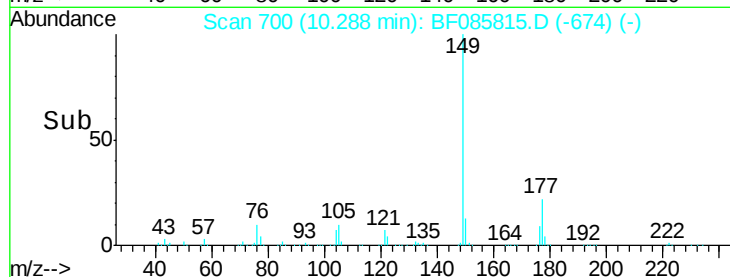
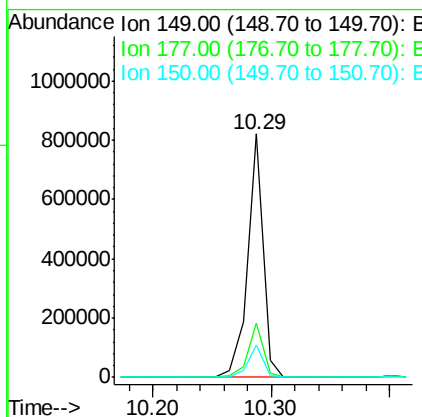
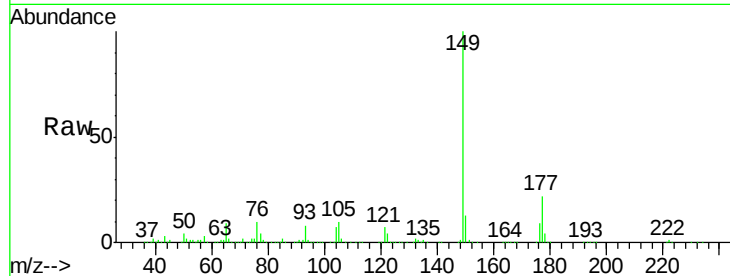
#59
Diethylphthalate
Concen: 52.22 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	750131		
177	22.0	17.9	26.9	
150	13.1	10.2	15.2	

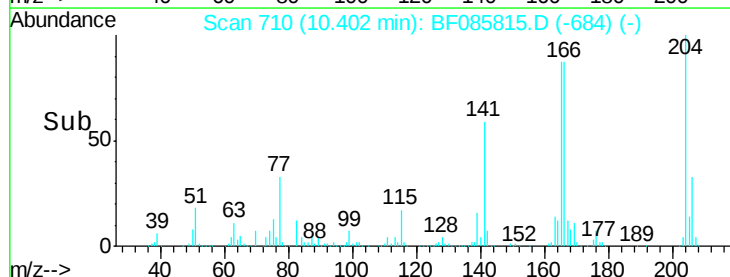
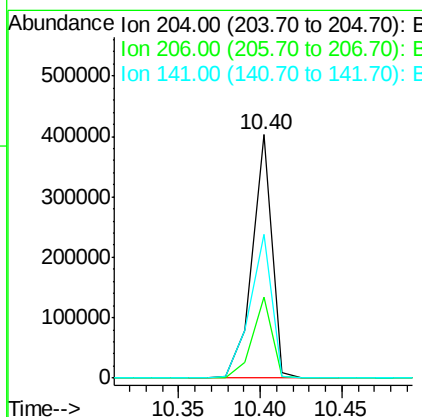
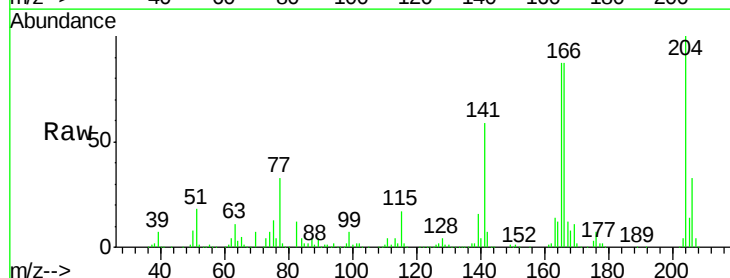
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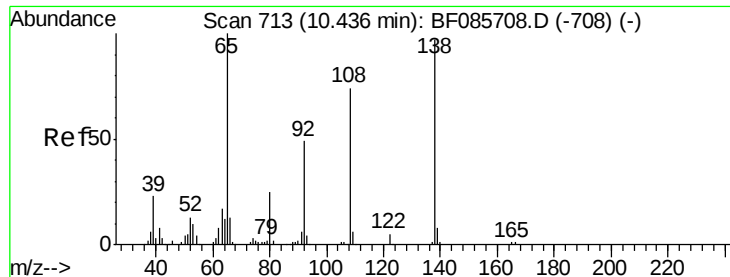
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#60
4-Chlorophenyl-phenylether
Concen: 54.33 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	338233		
206	33.2	26.6	39.8	
141	59.3	57.4	86.0	





#61

4-Nitroaniline

Concen: 48.32 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085815.D

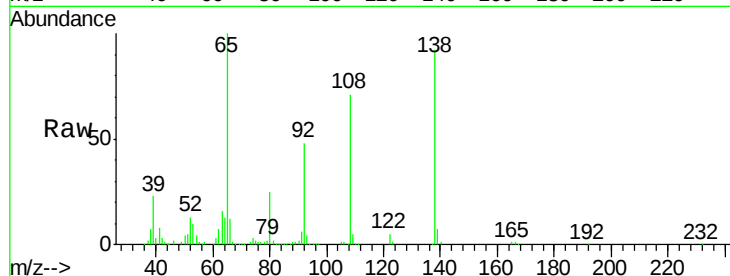
Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

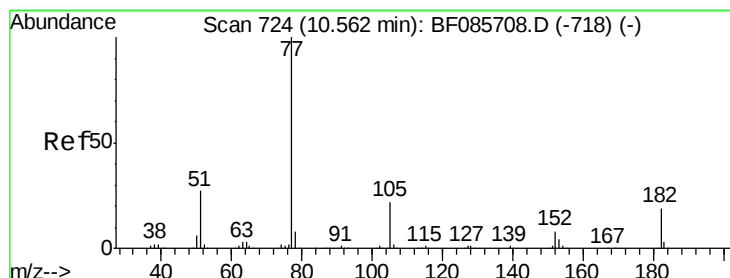
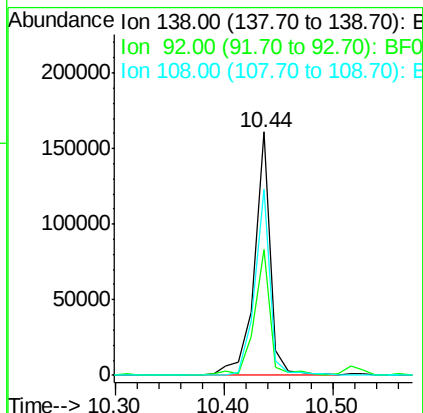
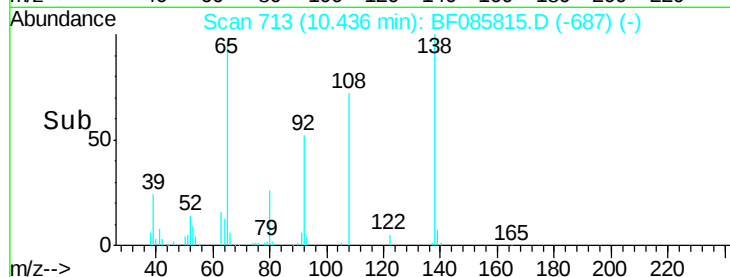
GW-04(16-18)MS



Tgt Ion:	138	Resp:	165544
Ion Ratio	Lower	Upper	
138	100		
92	51.8	26.4	66.4
108	76.4	49.0	89.0

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#62

Azobenzene

Concen: 60.42 ng

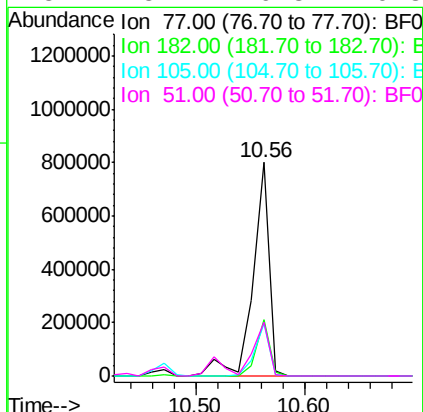
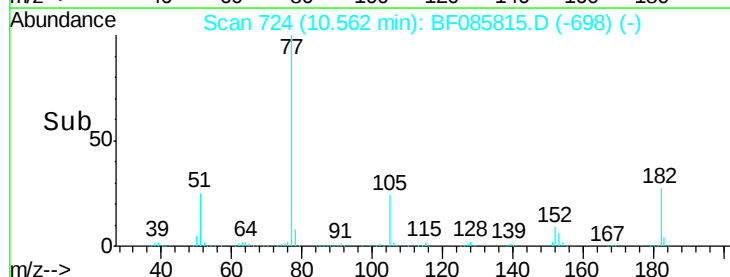
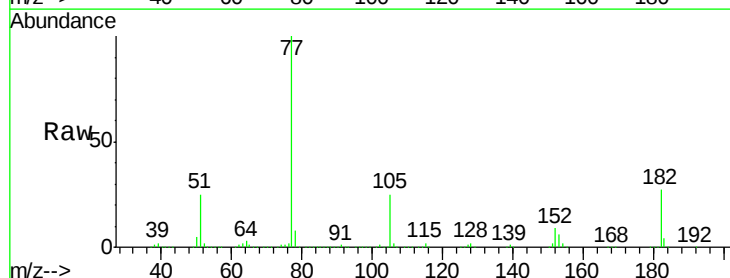
RT: 10.56 min Scan# 724

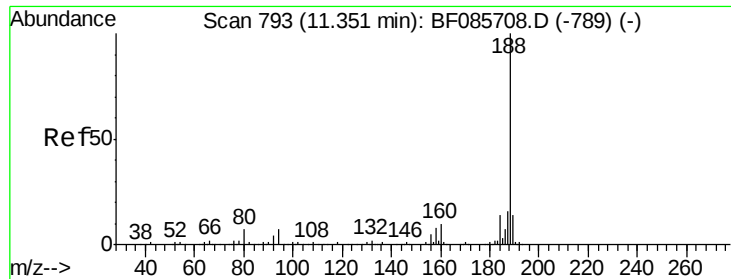
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	77	Resp:	834069
Ion Ratio	Lower	Upper	
77	100		
182	26.5	1.9	41.9
105	24.6	3.5	43.5
51	25.2	6.3	46.3





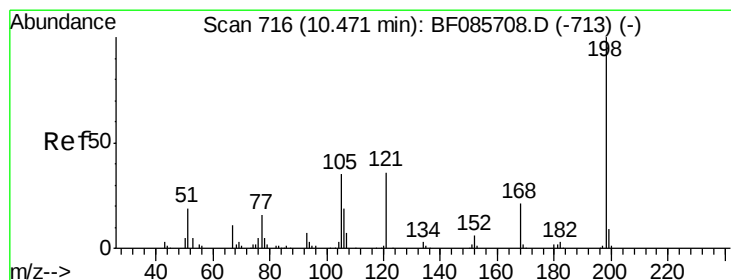
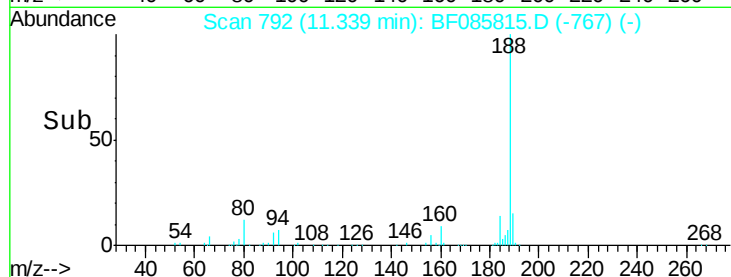
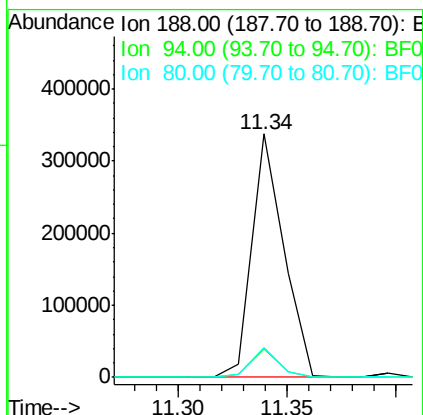
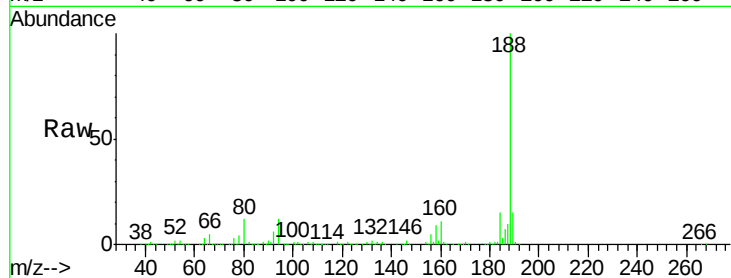
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	5.4	8.0#
80	12.4	5.5	8.3#

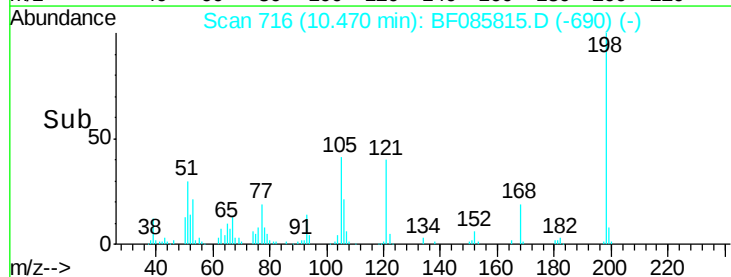
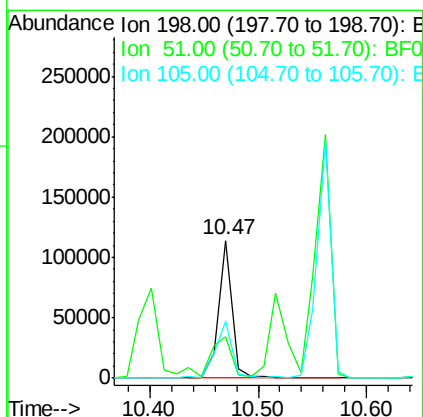
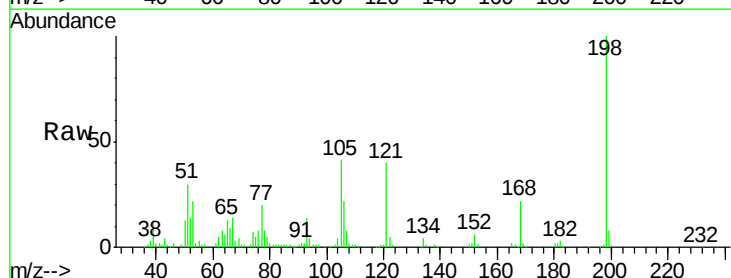
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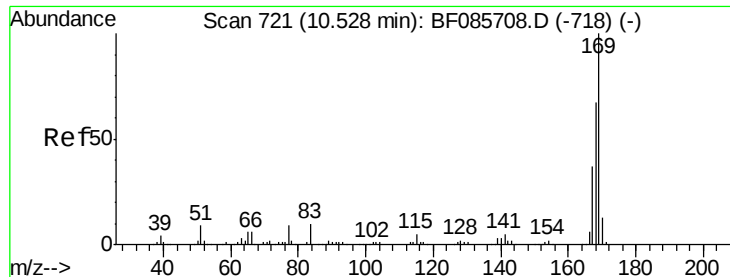
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.93 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	30.2	45.4	85.4#
105	41.1	45.9	85.9#





#65

n-Nitrosodiphenylamine

Concen: 57.29 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

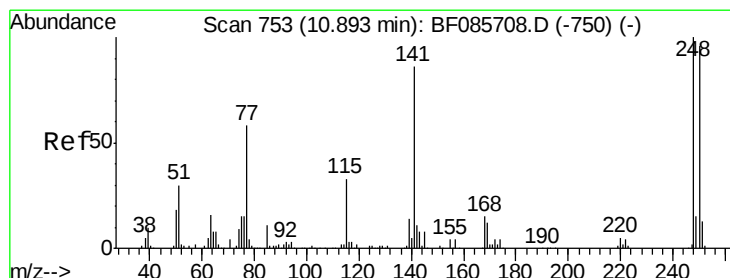
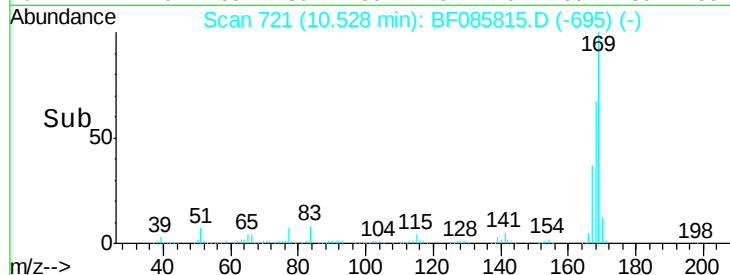
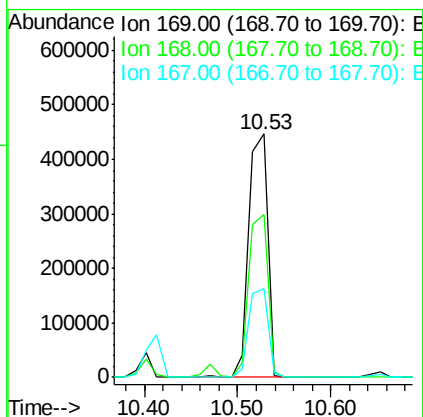
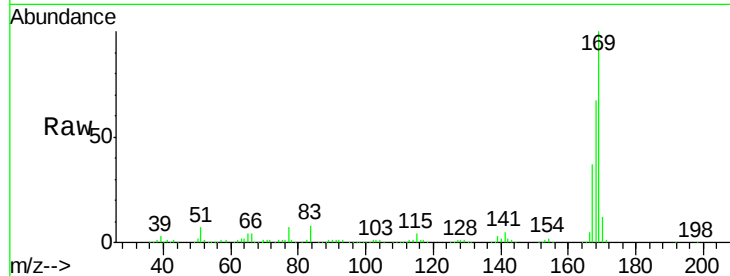
ClientSampleId :

GW-04(16-18)MS

Tgt Ion:	169	Resp:	626463
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.4	81.6
167	36.7	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 57.12 ng

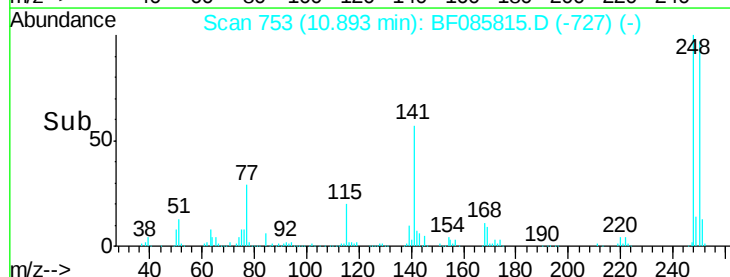
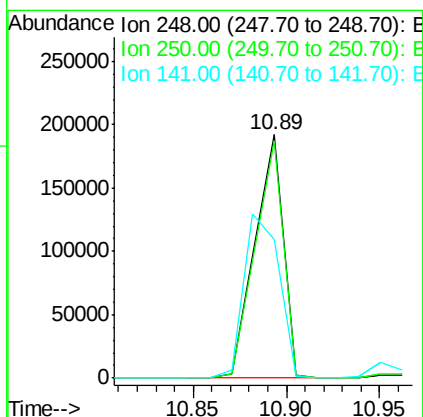
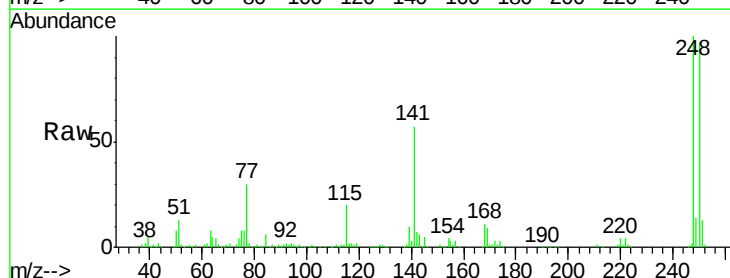
RT: 10.89 min Scan# 753

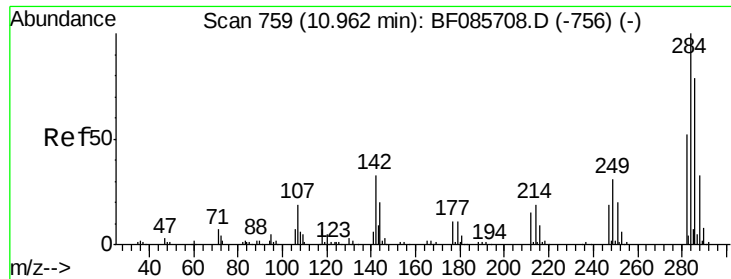
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion:	248	Resp:	201766
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.4	116.0
141	57.2	63.6	95.4#





#67

Hexachlorobenzene

Concen: 56.91 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

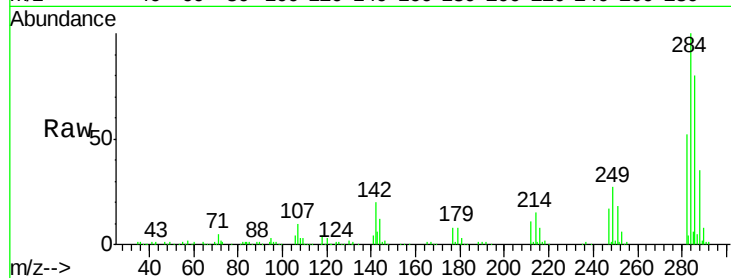
ClientSampleId :

GW-04(16-18)MS

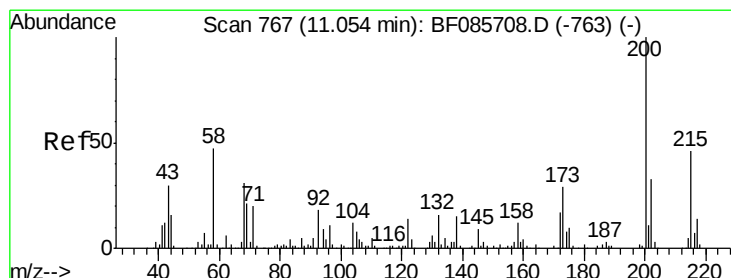
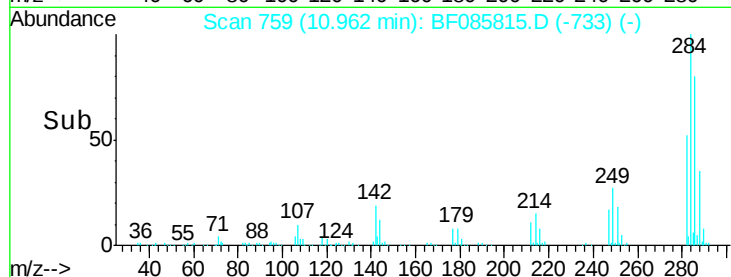
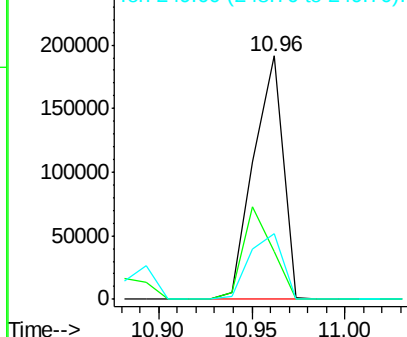
Tgt Ion:	284	Resp:	210243
Ion Ratio	Lower	Upper	
284	100		
142	19.7	23.1	34.7#
249	26.7	24.2	36.2

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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: 58.00 ng

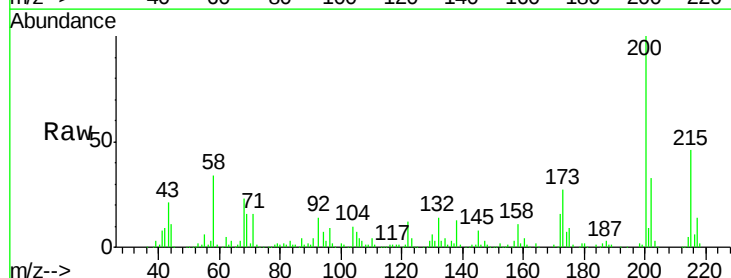
RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

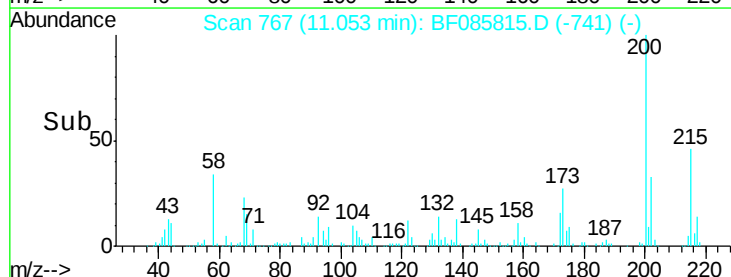
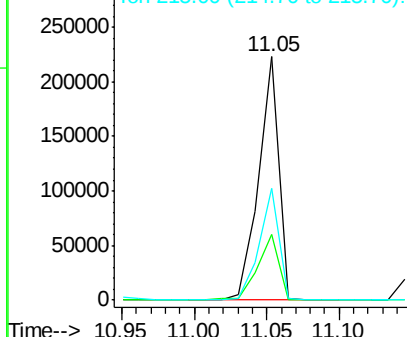
Lab File: BF085815.D

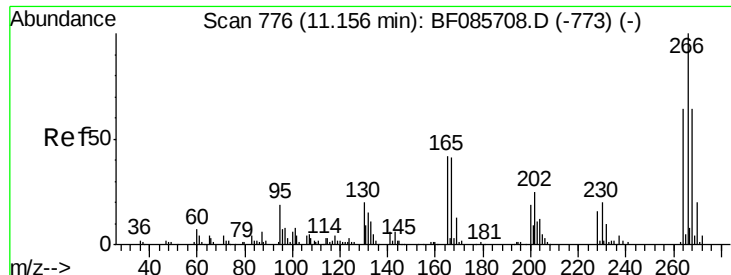
Acq: 28 Mar 2016 21:42

Tgt Ion:	200	Resp:	214149
Ion Ratio	Lower	Upper	
200	100		
173	26.9	7.7	47.7
215	45.7	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





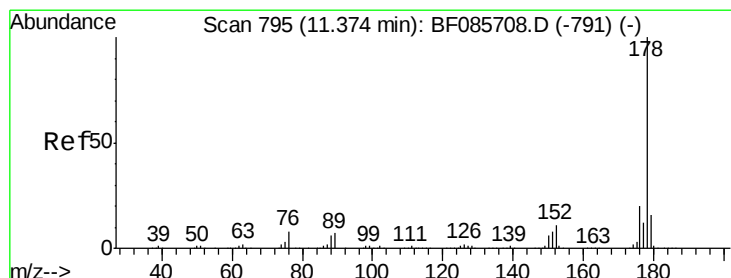
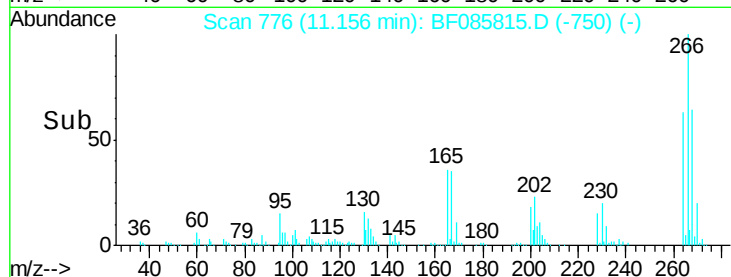
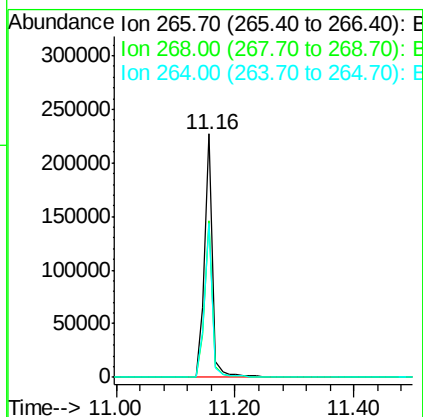
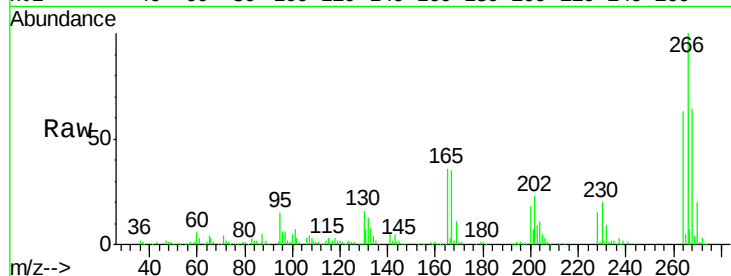
#69
 Pentachlorophenol
 Concen: 123.72 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	224361		
268	64.1	51.5	77.3	
264	63.3	50.6	76.0	

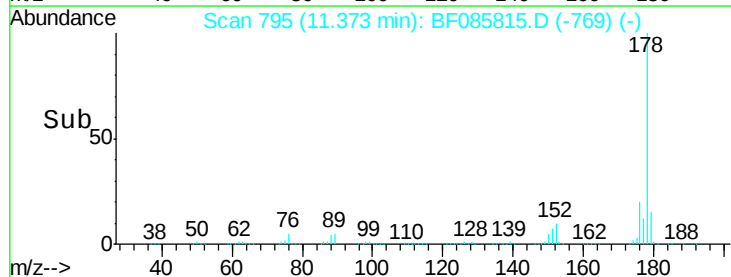
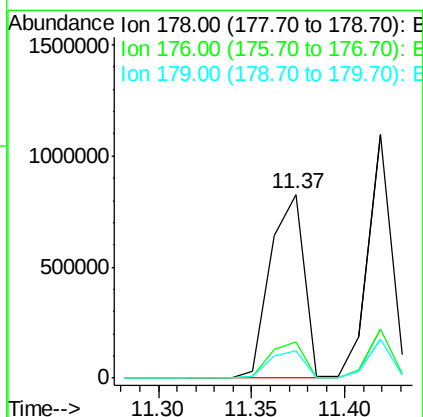
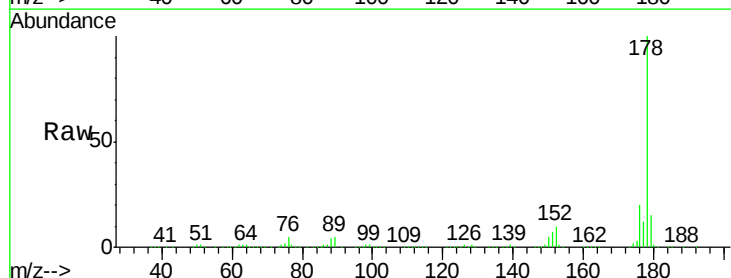
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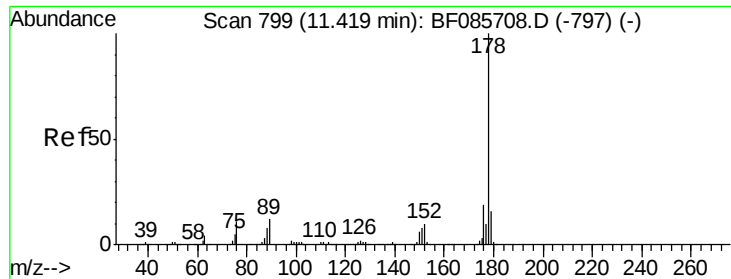
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#70
 Phenanthrene
 Concen: 58.35 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1034495		
176	19.9	16.3	24.5	
179	15.1	12.6	18.8	





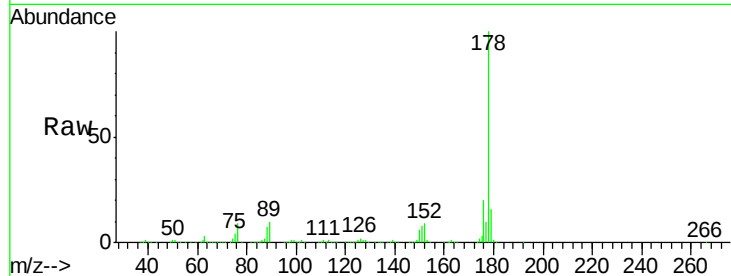
#71
 Anthracene
 Concen: 51.64 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

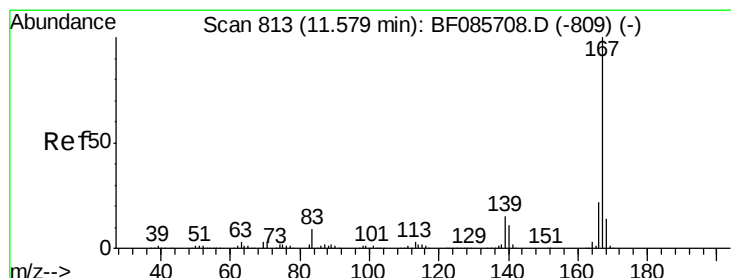
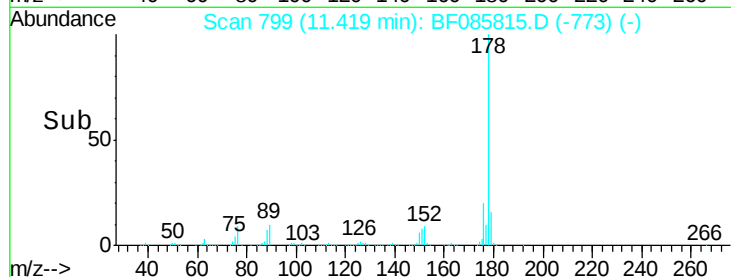
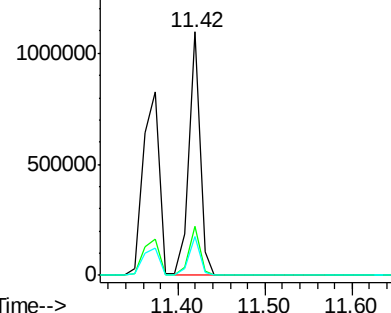
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.1	13.0	19.4

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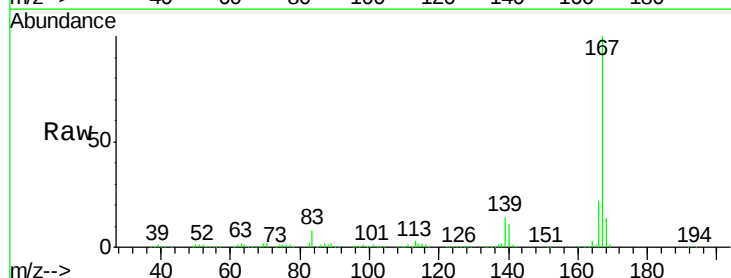


Abundance Ion 178.00 (177.70 to 178.70): E
 1500000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

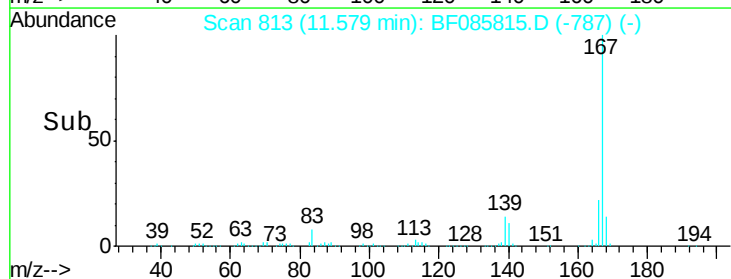
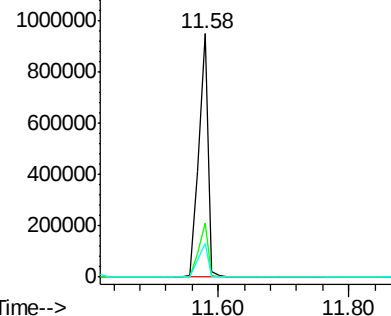


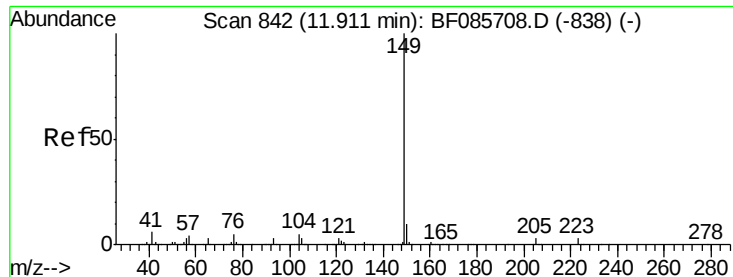
#72
 Carbazole
 Concen: 61.82 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	13.9	11.6	17.4



Abundance Ion 167.00 (166.70 to 167.70): E
 1200000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.66 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)MS

Tgt Ion:149 Resp: 1193507

Ion Ratio Lower Upper

149 100

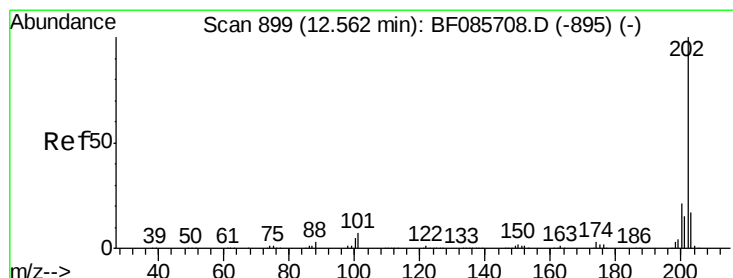
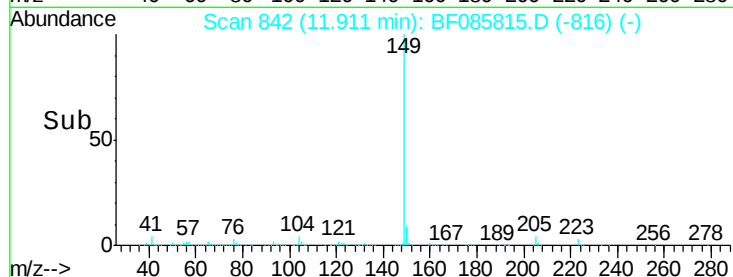
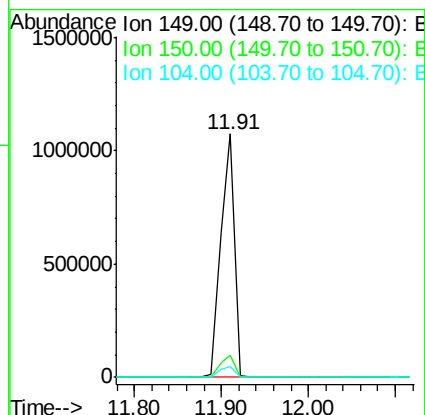
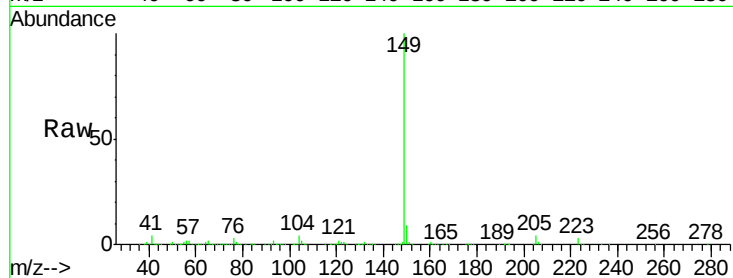
150 9.2 7.6 11.4

104 4.1 3.8 5.8

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#74

Fluoranthene

Concen: 46.52 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

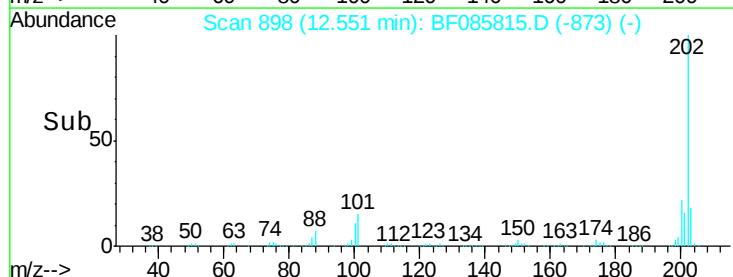
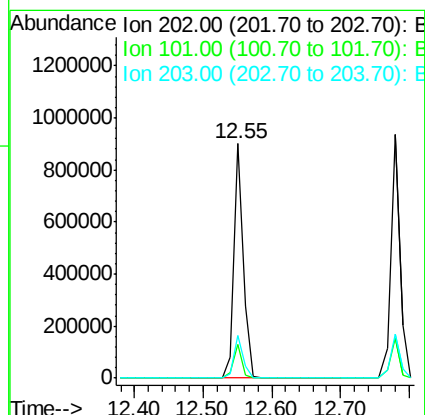
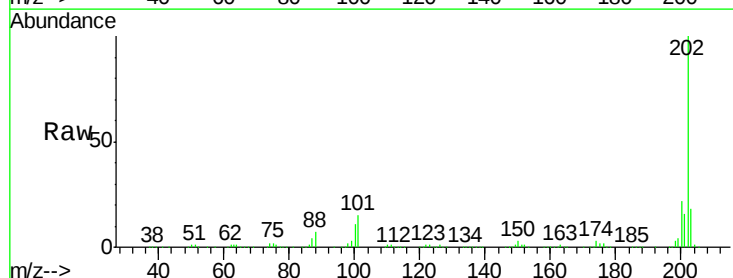
Tgt Ion:202 Resp: 876615

Ion Ratio Lower Upper

202 100

101 14.5 0.0 36.6

203 18.0 0.0 38.1





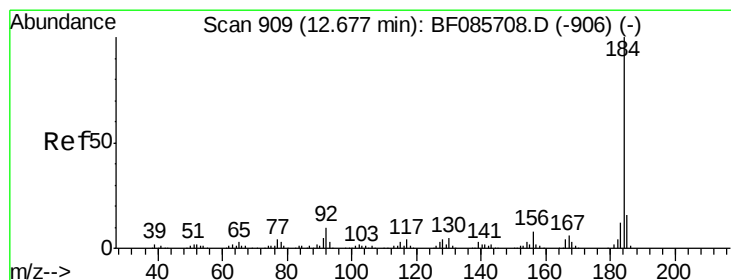
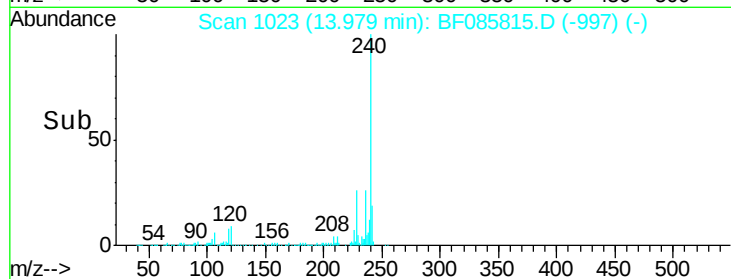
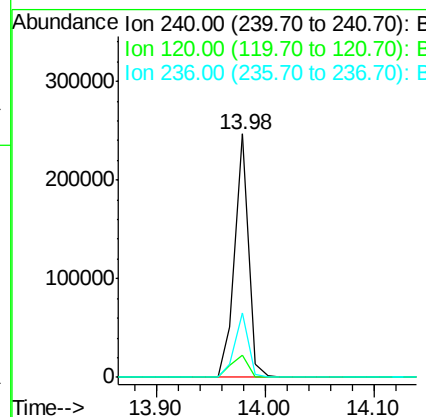
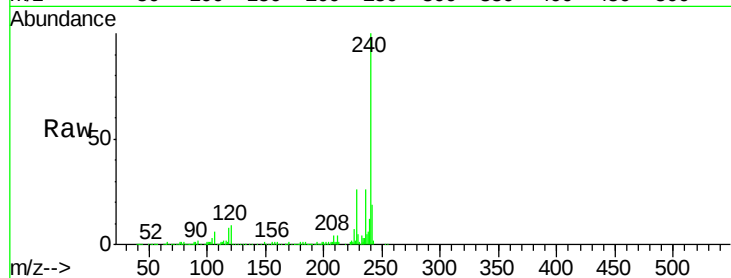
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	216292		
120	9.4	13.8	20.8#	
236	26.2	20.6	30.8	

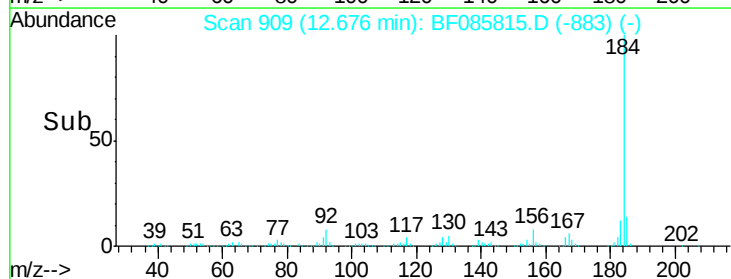
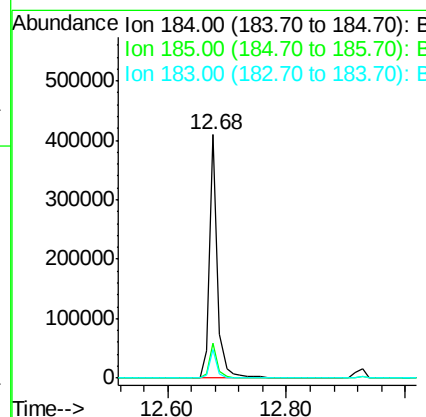
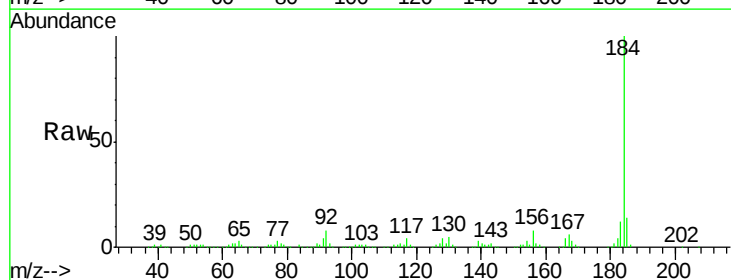
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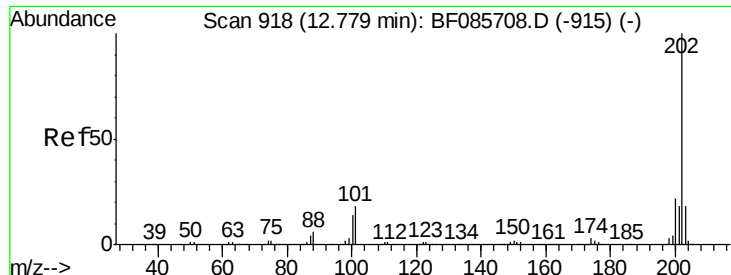
Sohil
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#76
Benzidine
Concen: 51.71 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	393909		
185	14.5	12.4	18.6	
183	11.7	9.4	14.2	





#77

Pyrene

Concen: 48.95 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085815.D

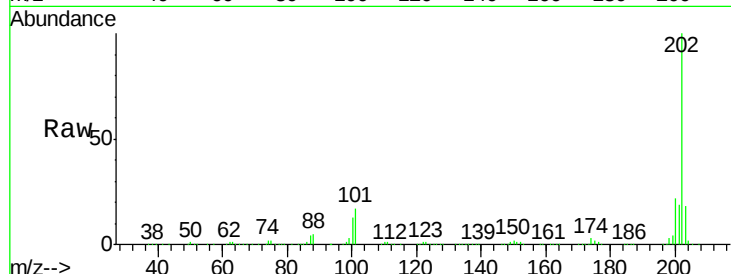
Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

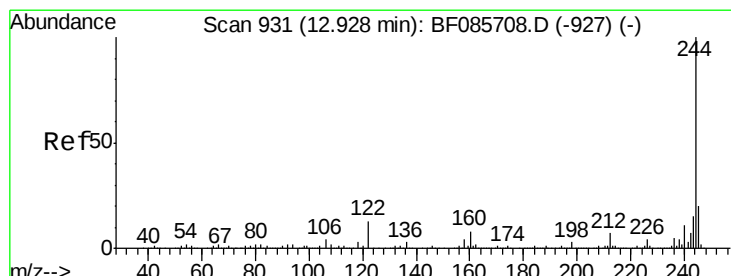
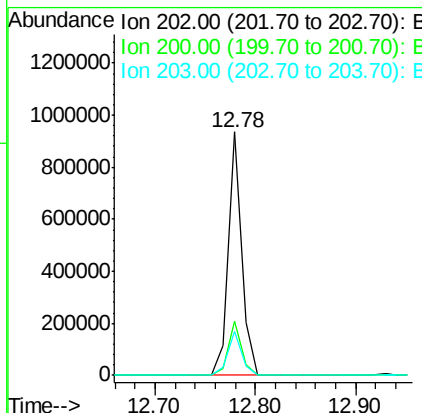
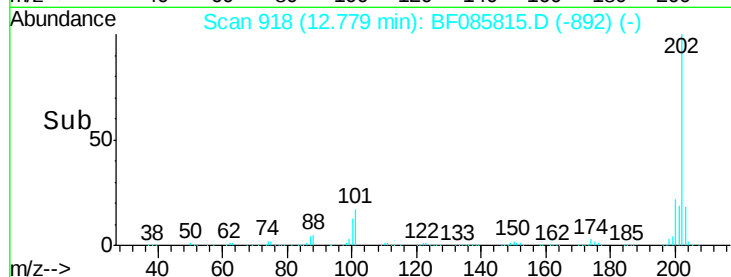
GW-04(16-18)MS



Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.3	14.0	21.0

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#78

Terphenyl-d14

Concen: 107.56 ng

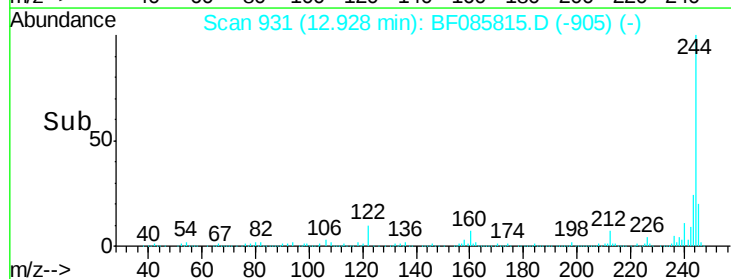
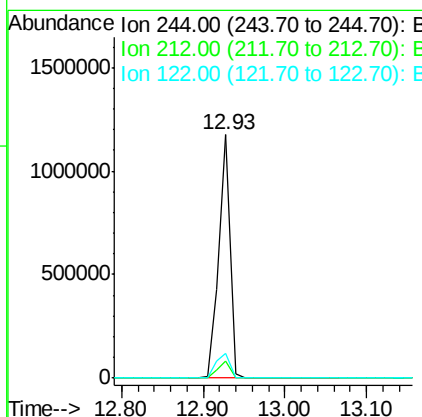
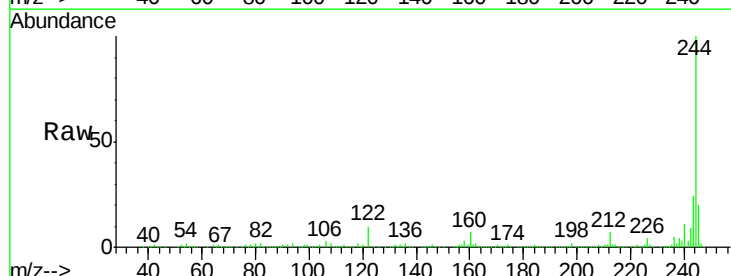
RT: 12.93 min Scan# 931

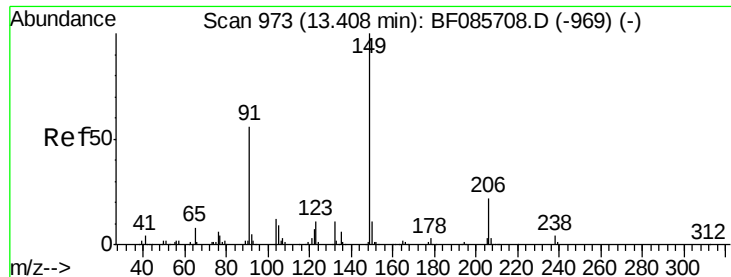
Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.0	10.2	15.4#





#79

Butylbenzylphthalate

Concen: 54.79 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Instrument :

BNA_F

ClientSampleId :

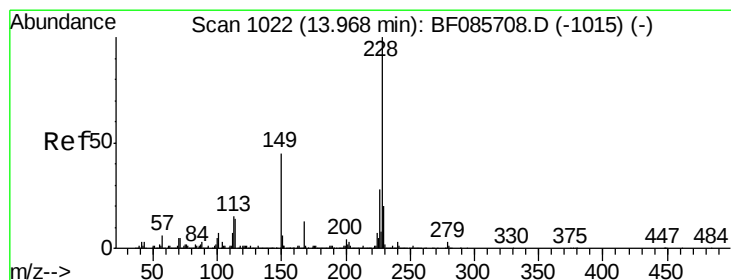
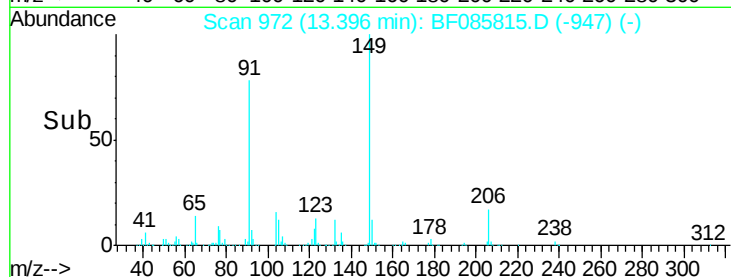
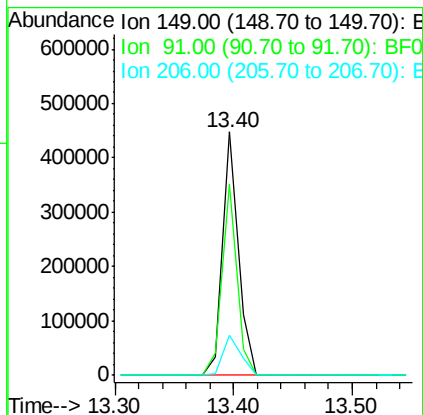
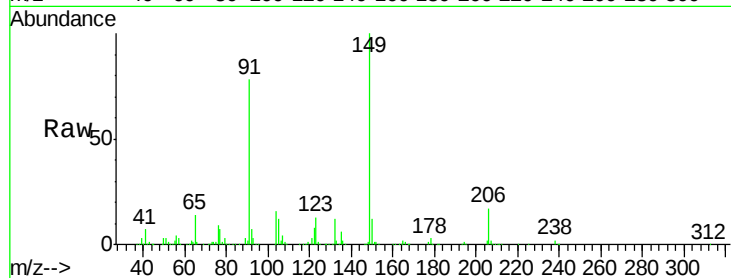
GW-04(16-18)MS

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Tgt	Ion	Resp	Lower	Upper
149	100			
91	78.3	45.8	68.8#	
206	16.5	17.8	26.8#	



#80

Benzo(a)anthracene

Concen: 55.99 ng

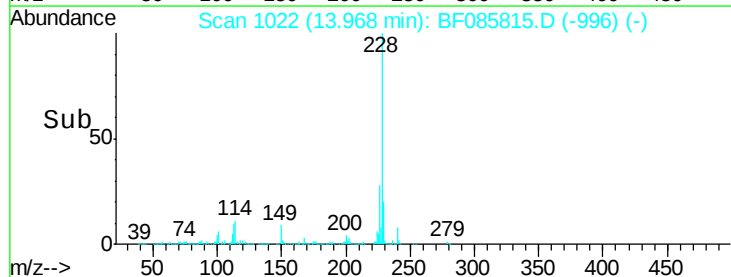
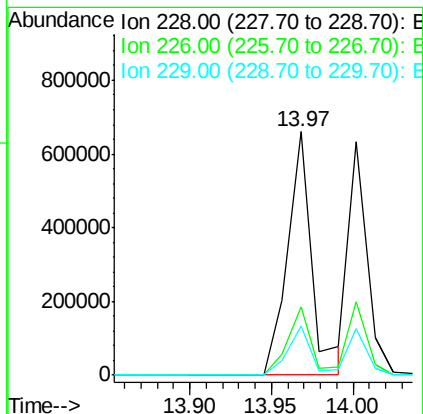
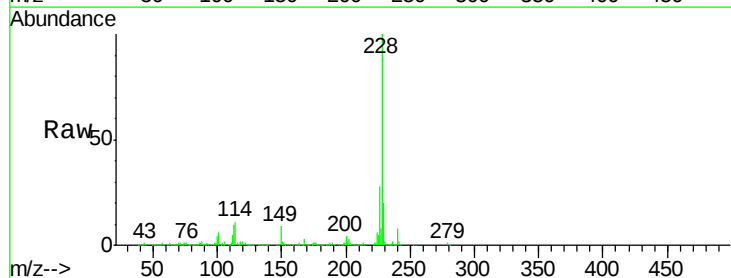
RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085815.D

Acq: 28 Mar 2016 21:42

Tgt	Ion	Resp	Lower	Upper
228	100			
226	28.1	22.1	33.1	
229	20.0	16.2	24.4	





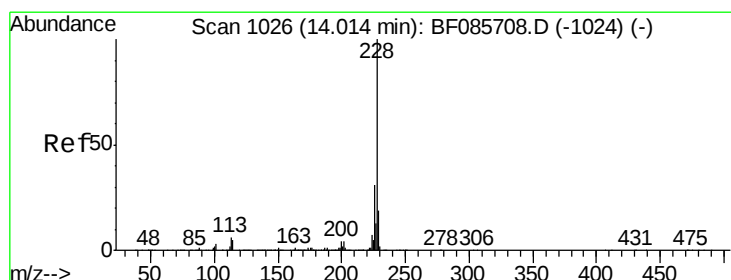
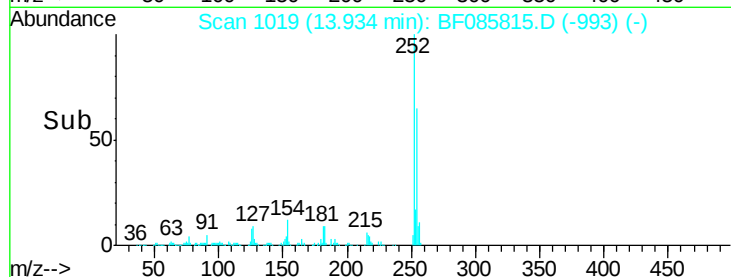
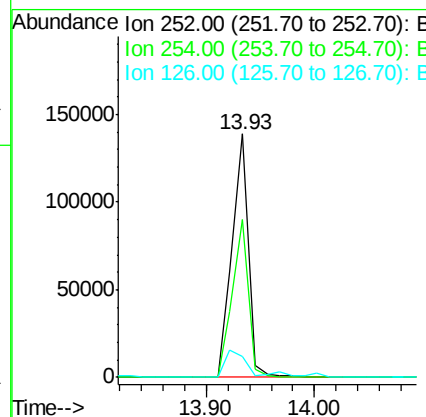
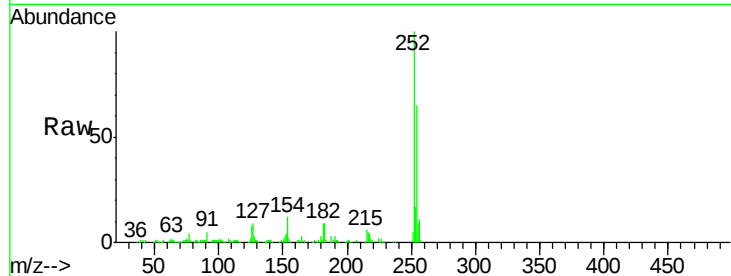
#81
 3,3'-Dichlorobenzidine
 Concen: 16.91 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	50.7	76.1
126	8.4	11.8	17.6

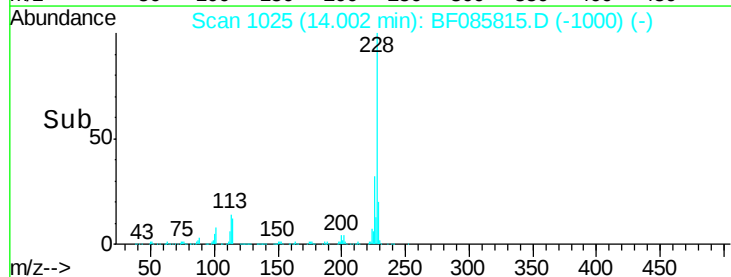
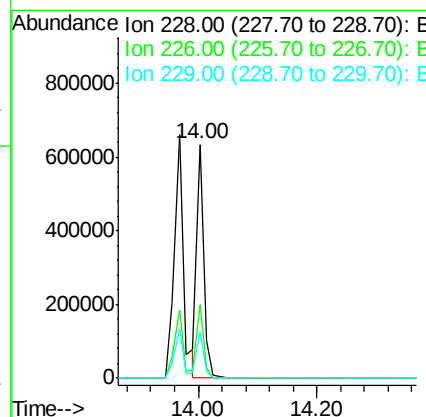
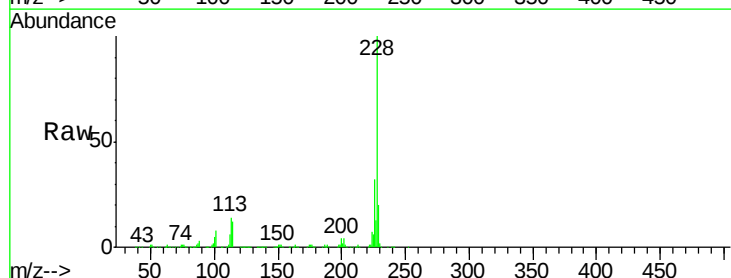
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#82
 Chrysene
 Concen: 41.96 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.7	15.7	23.5





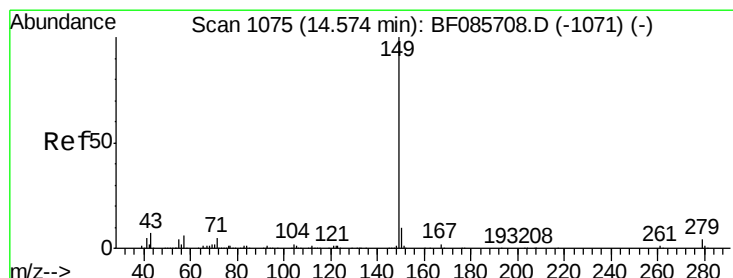
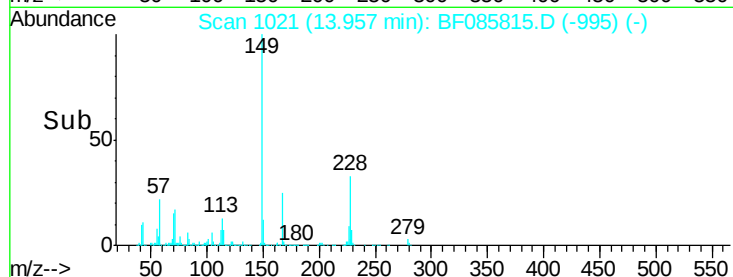
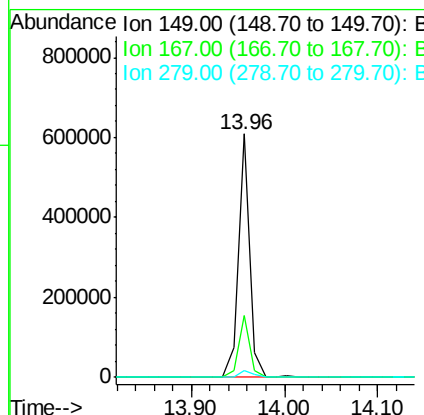
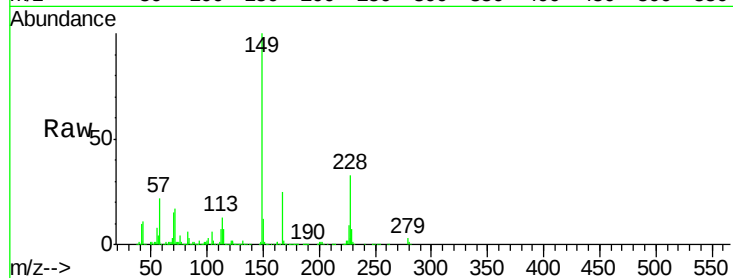
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.97 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	516833		
167	25.3	19.4	29.2	
279	2.8	1.5	2.3#	

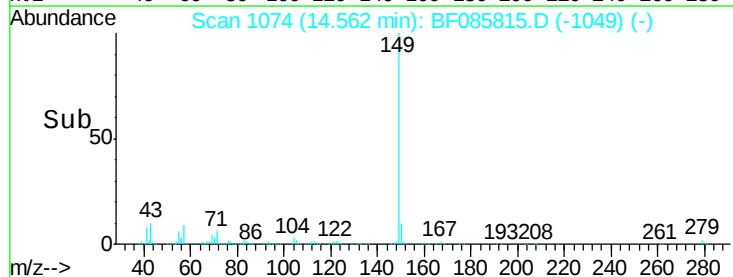
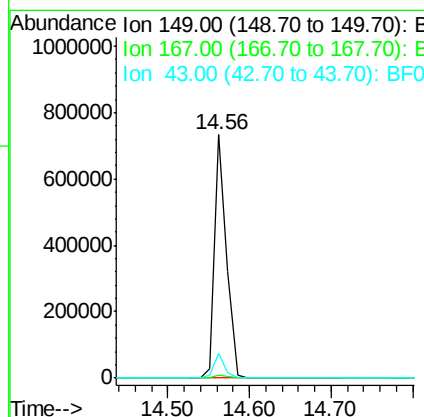
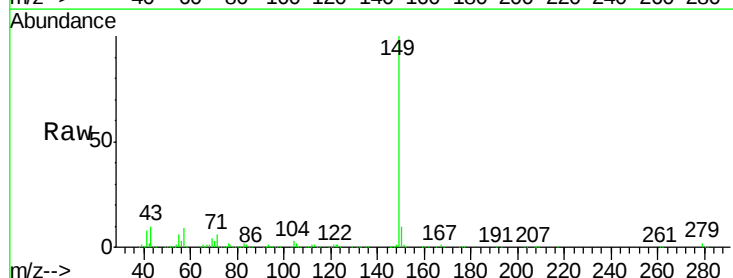
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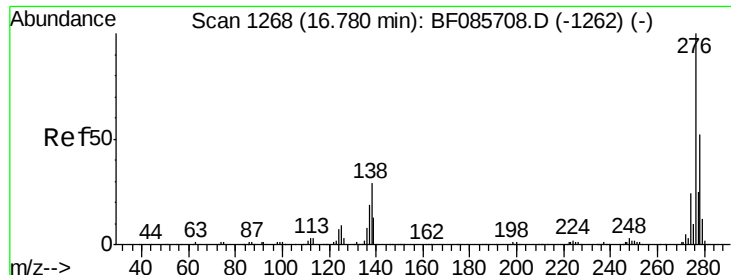
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#84
 Di-n-octyl phthalate
 Concen: 56.92 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	754597		
167	1.5	1.2	1.8	
43	8.9	7.1	10.7	





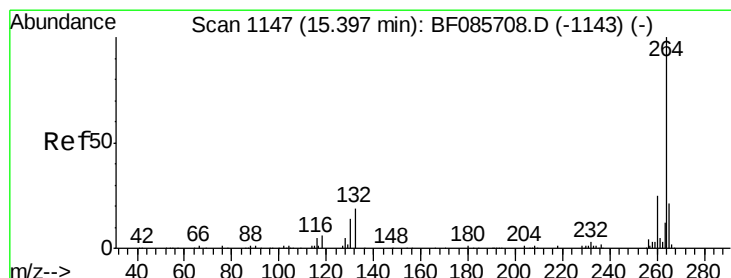
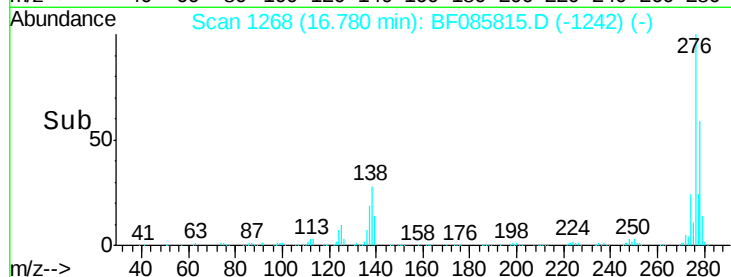
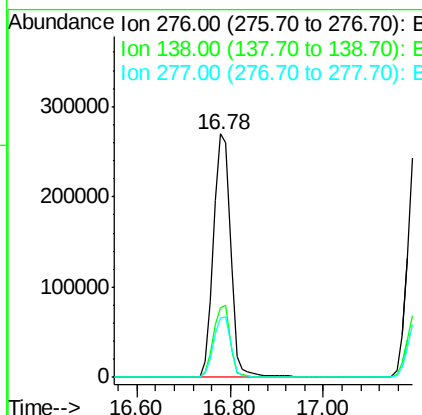
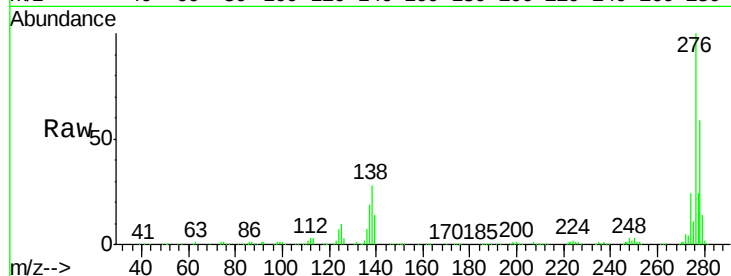
#85
Indeno(1,2,3-cd)pyrene
Concen: 72.29 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	24.2	36.4
277	24.9	20.0	30.0

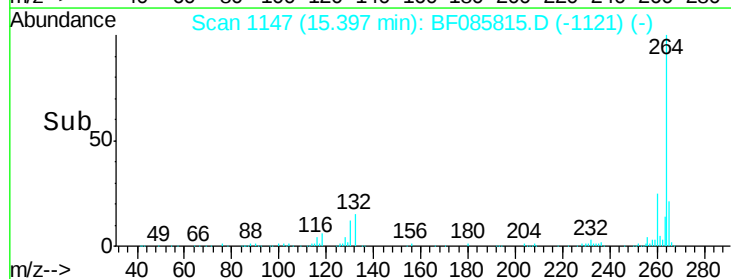
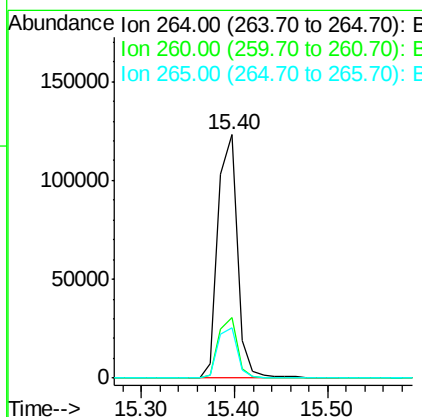
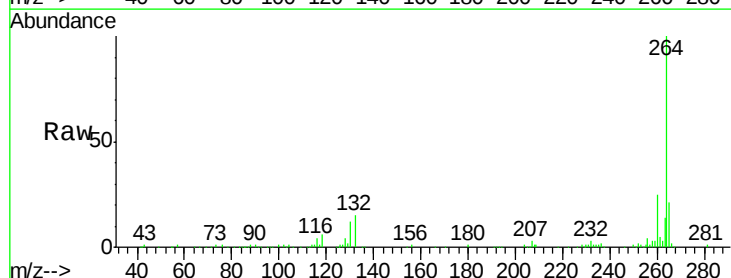
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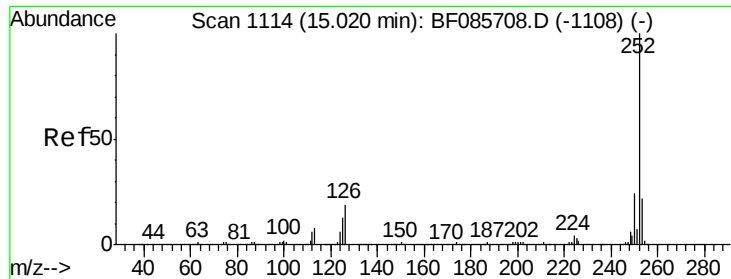
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	20.6	17.2	25.8





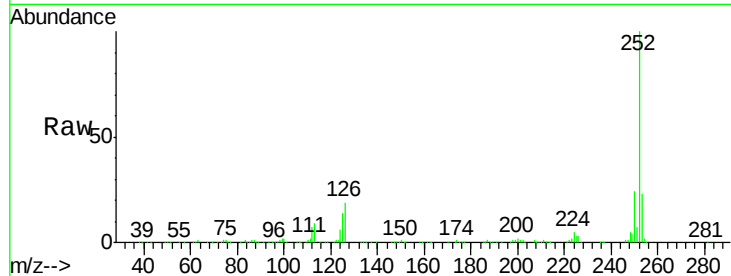
#87
Benzo(b)fluoranthene
Concen: 58.47 ng m
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

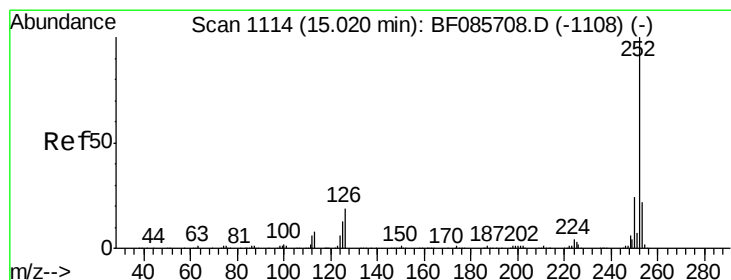
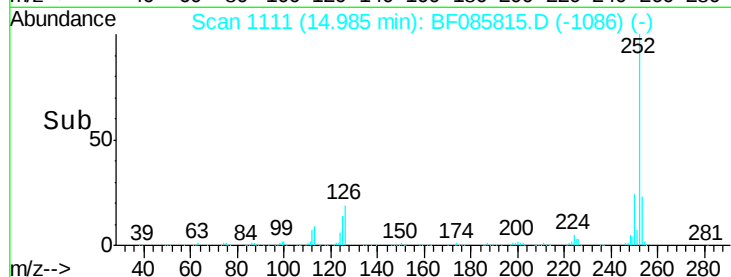
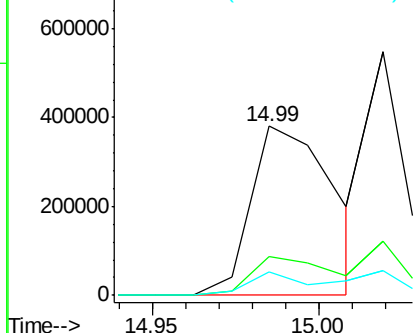
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.9	10.3	15.5

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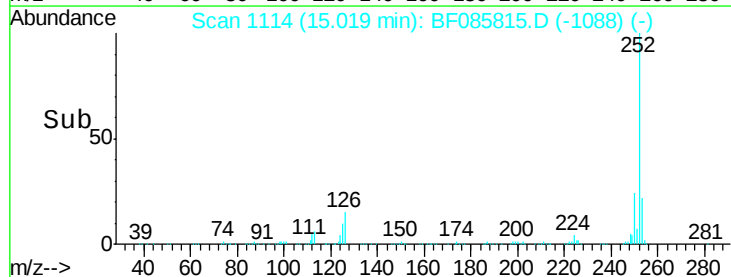
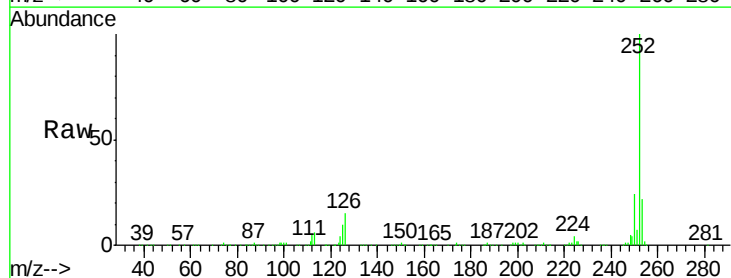
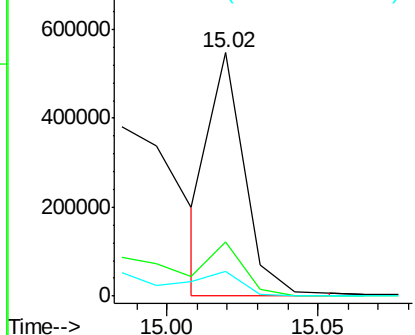
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

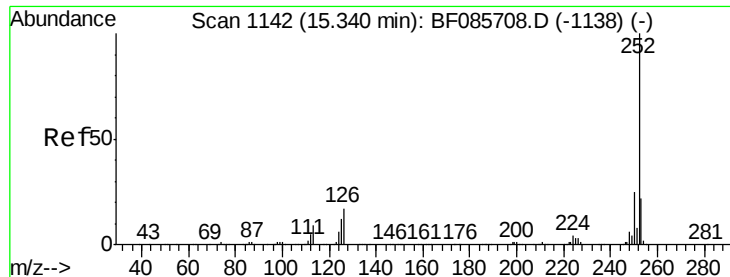


#88
Benzo(k)fluoranthene
Concen: 42.85 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.9	7.7	11.5

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





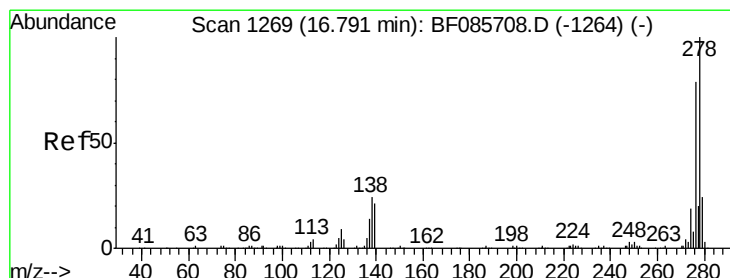
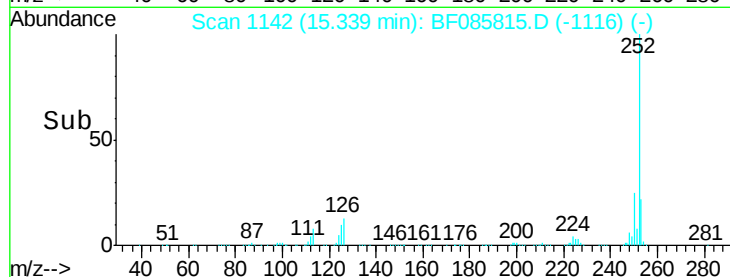
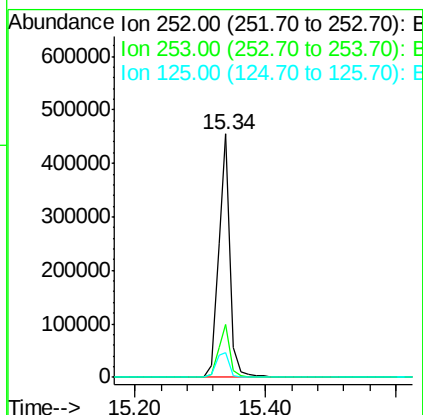
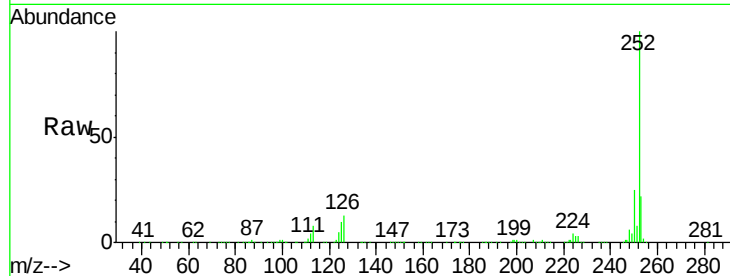
#89
Benzo(a)pyrene
Concen: 55.59 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.1	10.3	15.5#

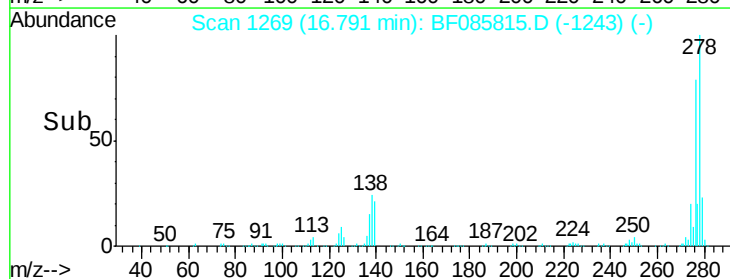
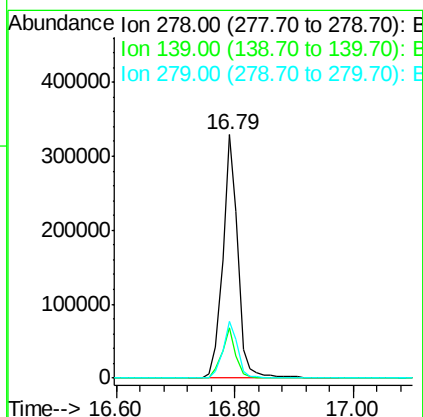
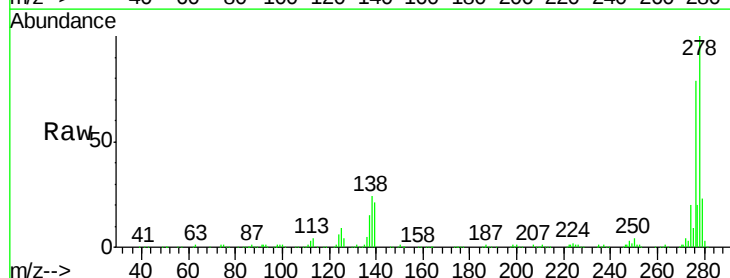
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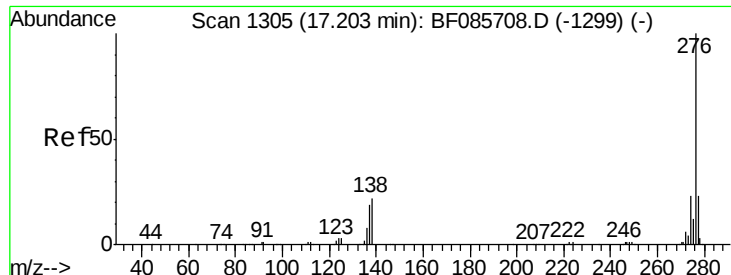
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#90
Dibenzo(a,h)anthracene
Concen: 62.31 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085815.D
Acq: 28 Mar 2016 21:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.4	21.6
279	23.4	19.1	28.7





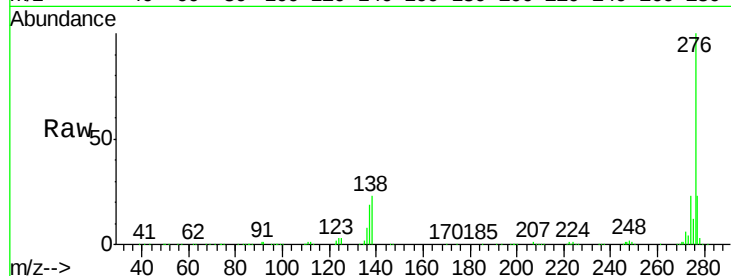
#91
 Benzo(g,h,i)perylene
 Concen: 62.78 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085815.D
 Acq: 28 Mar 2016 21:42

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

Tgt Ion:	276	Resp:	589827
Ion Ratio		Lower	Upper
276	100		
277	22.9	18.8	28.2
138	22.8	22.6	34.0

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

