

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085741.D
 Acq On : 25 Mar 2016 4:42
 Operator : UM/SJ
 Sample : H1884-19MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/25/2016 3:04:41 PM

Quant Time: Mar 25 07:23:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109808	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	452464	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	213030	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	411752	20.00	ng	0.00
75) Chrysene-d12	13.98	240	254594	20.00	ng	0.00
86) Perylene-d12	15.40	264	194951	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	917348	139.13	ng	0.02
7) Phenol-d6	6.47	99	1187197	141.62	ng	0.01
23) Nitrobenzene-d5	7.40	82	744423	92.65	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	357716	176.74	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1168078	91.61	ng	0.00
78) Terphenyl-d14	12.93	244	1032005	83.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	136546	43.37	ng	99
3) Pyridine	3.17	79	399952	52.99	ng	99
4) n-Nitrosodimethylamine	3.13	42	163548	54.12	ng	100
6) Aniline	6.49	93	313134	27.75	ng	97
8) 2-Chlorophenol	6.61	128	376434	49.14	ng	86
9) Benzaldehyde	6.37	77	53663	10.62	ng	90
10) Phenol	6.48	94	454636	47.87	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	361565	49.47	ng	94
12) 1,3-Dichlorobenzene	6.77	146	409187m	49.60	ng	
13) 1,4-Dichlorobenzene	6.85	146	404854m	48.39	ng	
14) 1,2-Dichlorobenzene	7.00	146	381891	48.98	ng	98
15) Benzyl Alcohol	6.97	79	280783	50.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	457341	47.16	ng	95
17) 2-Methylphenol	7.09	107	316458	51.60	ng	99
18) Hexachloroethane	7.34	117	155608	50.80	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	229008	45.62	ng	94
20) 3+4-Methylphenols	7.25	107	382017	51.81	ng	# 84
22) Acetophenone	7.24	105	496720	47.12	ng	96
24) Nitrobenzene	7.42	77	421806	50.93	ng	# 82
25) Isophorone	7.66	82	776577	50.17	ng	# 94
26) 2-Nitrophenol	7.73	139	196812	47.50	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	371083	51.23	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	451154	51.16	ng	98
29) 2,4-Dichlorophenol	7.98	162	329330	54.09	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	335007	49.56	ng	96
31) Naphthalene	8.14	128	1116996	48.99	ng	99
32) Benzoic acid	7.85	122	21890	4.55	ng	96
33) 4-Chloroaniline	8.18	127	114520	12.30	ng	98
34) Hexachlorobutadiene	8.25	225	178897	48.69	ng	100
35) Caprolactam	8.56	113	111261m	51.59	ng	
36) 4-Chloro-3-methylphenol	8.68	107	375872	52.85	ng	96
37) 2-Methylnaphthalene	8.82	142	700287	55.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	325139	51.47	ng	99
40) Hexachlorocyclopentadiene	8.98	237	234550	88.04	ng	98

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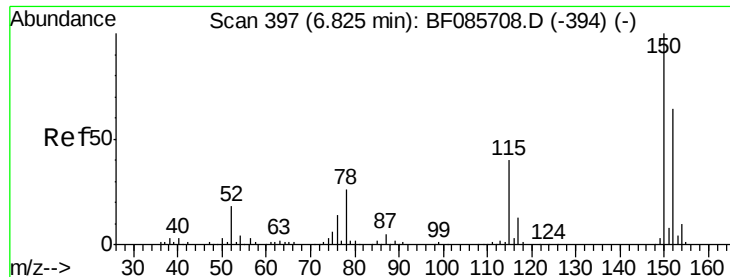
Manual Integrations
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 3/25/2016 3:04:41 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	233427	54.71	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	240330	53.71	ng #	93
45) 1,1'-Biphenyl	9.29	154	888456	49.42	ng	96
46) 2-Chloronaphthalene	9.32	162	673054	50.92	ng	95
47) 2-Nitroaniline	9.42	65	224989	55.66	ng #	76
48) Acenaphthylene	9.73	152	997270	46.30	ng	100
49) Dimethylphthalate	9.60	163	998861	61.80	ng	99
50) 2,6-Dinitrotoluene	9.66	165	180152	51.78	ng	89
51) Acenaphthene	9.90	154	613016	46.60	ng	97
52) 3-Nitroaniline	9.83	138	109023	27.38	ng #	75
53) 2,4-Dinitrophenol	9.93	184	60065	37.63	ng	93
54) Dibenzofuran	10.07	168	839530	49.30	ng	96
55) 4-Nitrophenol	10.00	139	290428	111.95	ng	98
56) 2,4-Dinitrotoluene	10.06	165	221870	50.18	ng #	50
57) Fluorene	10.41	166	669438	47.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	186210	59.88	ng	97
59) Diethylphthalate	10.30	149	839279	52.56	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	312733	45.19	ng	93
61) 4-Nitroaniline	10.45	138	205499	53.95	ng	99
62) Azobenzene	10.56	77	800891	52.19	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	95552	39.63	ng	93
65) n-Nitrosodiphenylamine	10.53	169	616600	47.28	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	197414	46.86	ng	93
67) Hexachlorobenzene	10.96	284	220100	49.96	ng #	90
68) Atrazine	11.05	200	204235	46.38	ng	97
69) Pentachlorophenol	11.16	266	209806	97.01	ng	99
70) Phenanthrene	11.37	178	1037143	49.06	ng	100
71) Anthracene	11.43	178	1157612	52.16	ng	99
72) Carbazole	11.58	167	883994	47.44	ng	99
73) Di-n-butylphthalate	11.91	149	1180607	46.17	ng	100
74) Fluoranthene	12.56	202	1126050	50.11	ng	91
76) Benzidine	12.68	184	402472	44.89	ng	100
77) Pyrene	12.79	202	1127827	53.89	ng	99
79) Butylbenzylphthalate	13.41	149	496324	56.63	ng	99
80) Benzo(a)anthracene	13.97	228	720907	49.66	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	142663	14.16	ng	98
82) Chrysene	14.01	228	680273	46.52	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	554258	52.82	ng	100
84) Di-n-octyl phthalate	14.57	149	877530	56.24	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	634875	56.23	ng	99
87) Benzo(b)fluoranthene	15.00	252	638331m	51.98	ng	
88) Benzo(k)fluoranthene	15.02	252	523584m	47.29	ng	
89) Benzo(a)pyrene	15.34	252	551317	50.56	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	536095	52.91	ng	97
91) Benzo(g,h,i)perylene	17.20	276	538594	52.50	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

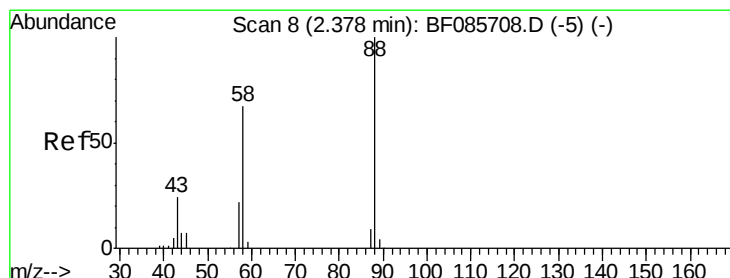
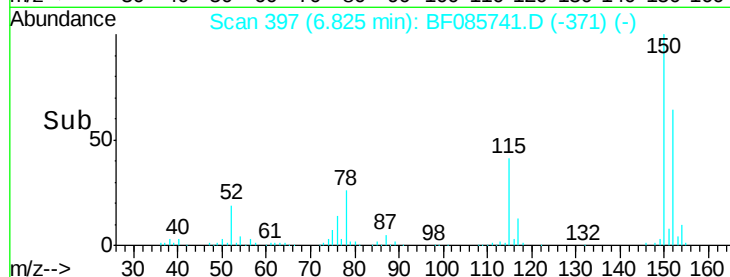
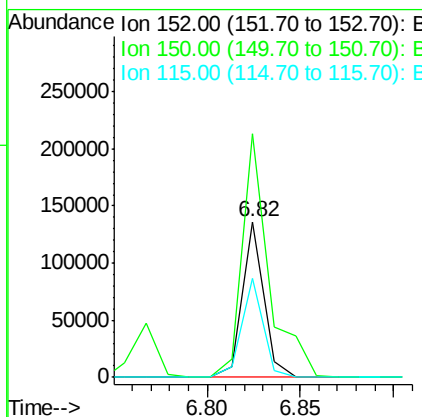
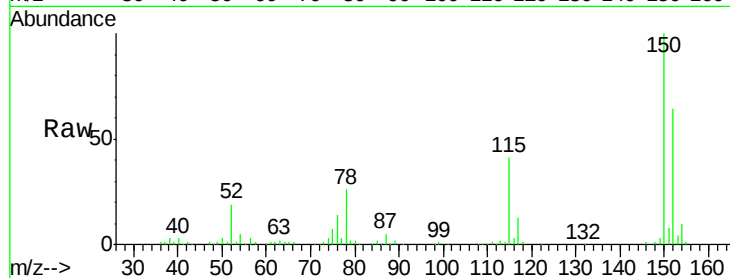
ClientSampleId :

GW-01(13-15)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	63.7	47.0	70.6

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#2

1,4-Dioxane

Concen: 43.37 ng

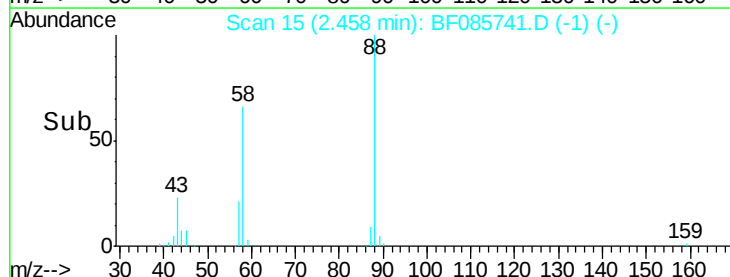
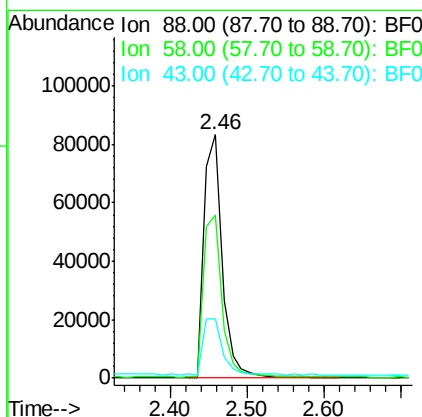
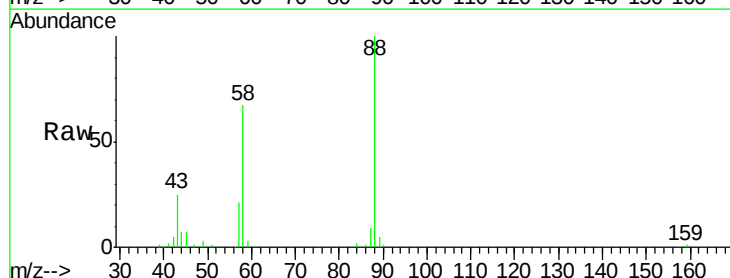
RT: 2.46 min Scan# 15

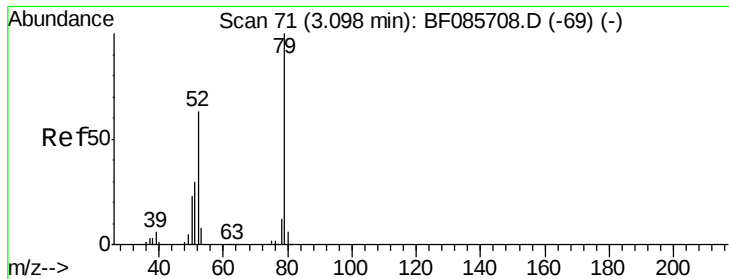
Delta R.T. 0.08 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	54.2	81.2
43	23.8	19.3	28.9





#3

Pyridine

Concen: 52.99 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.07 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

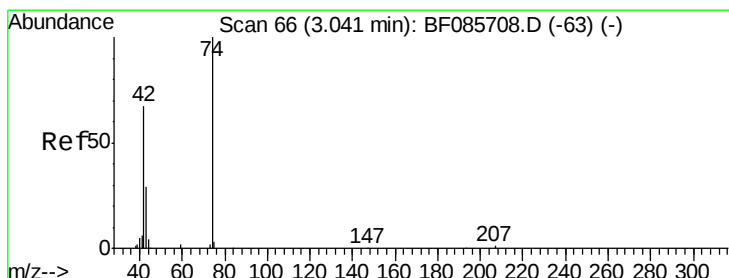
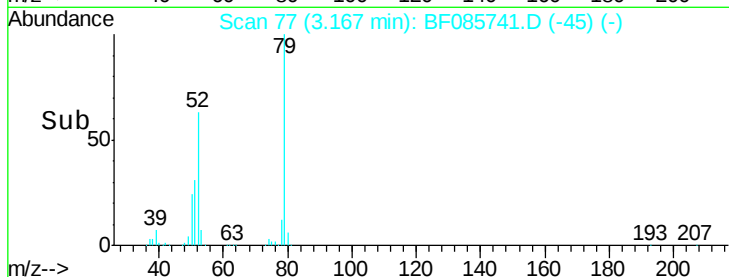
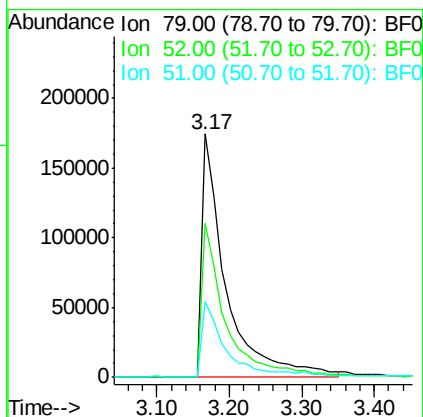
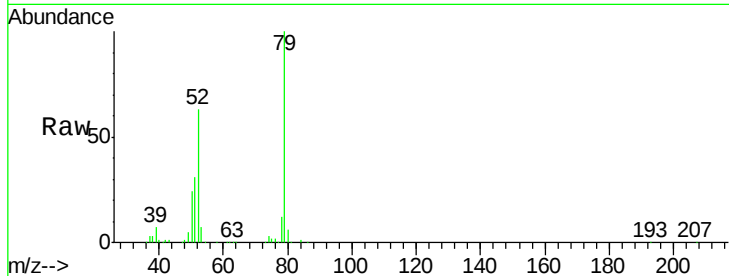
ClientSampleId :

GW-01(13-15)MSD

Tgt Ion:	79	Resp:	399952
Ion Ratio	Lower	Upper	
79	100		
52	63.4	49.8	74.6
51	31.4	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 54.12 ng

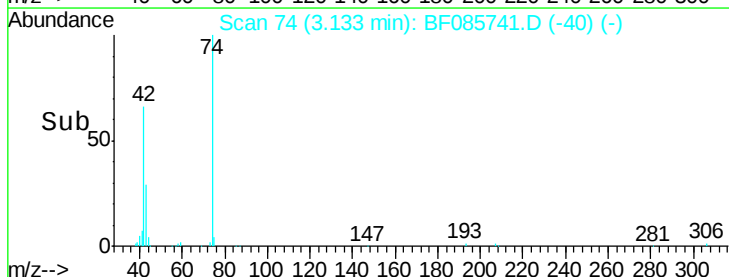
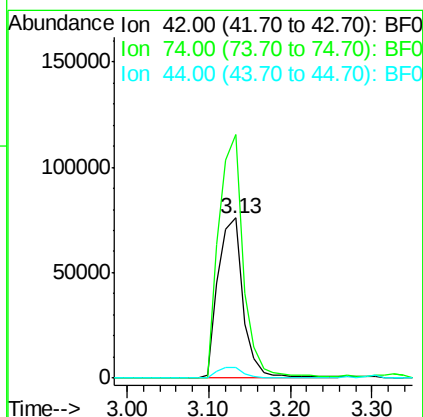
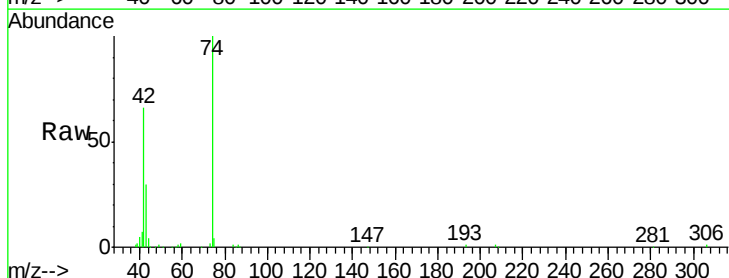
RT: 3.13 min Scan# 74

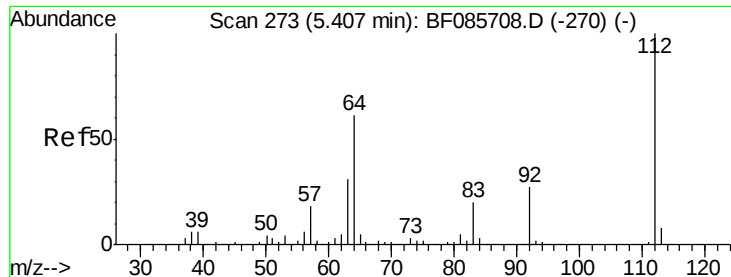
Delta R.T. 0.09 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Tgt Ion:	42	Resp:	163548
Ion Ratio	Lower	Upper	
42	100		
74	151.8	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 139.13 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085741.D

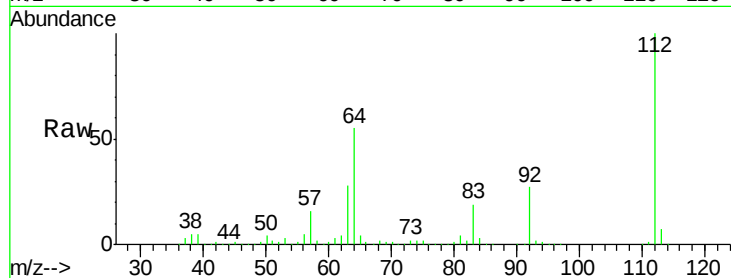
Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

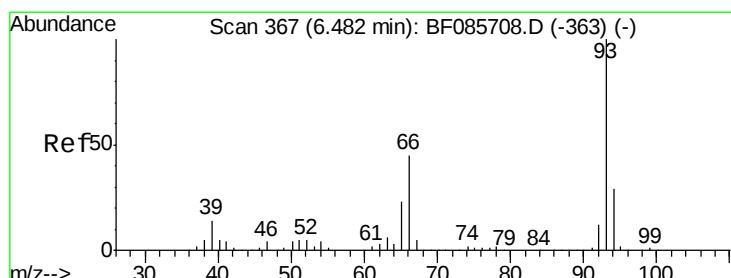
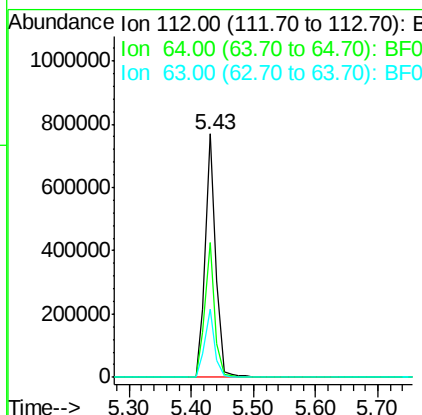
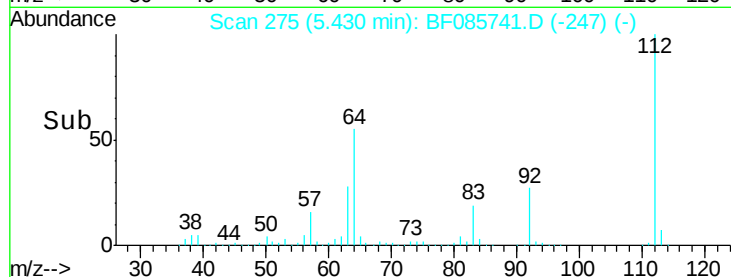
GW-01(13-15)MSD



Tgt Ion:	112	Resp:	917348
Ion Ratio	Lower	Upper	
112	100		
64	55.4	39.9	59.9
63	28.0	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 27.75 ng

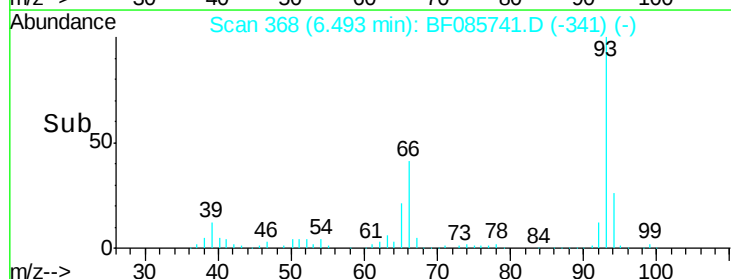
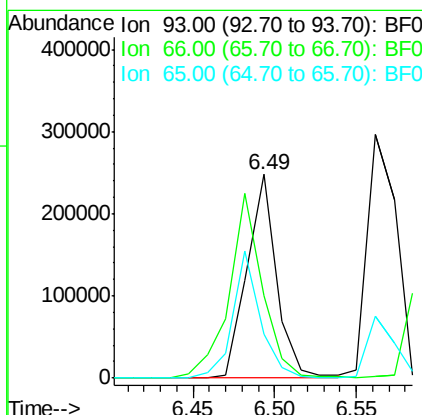
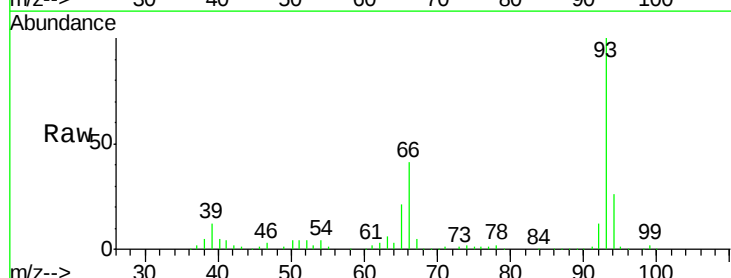
RT: 6.49 min Scan# 368

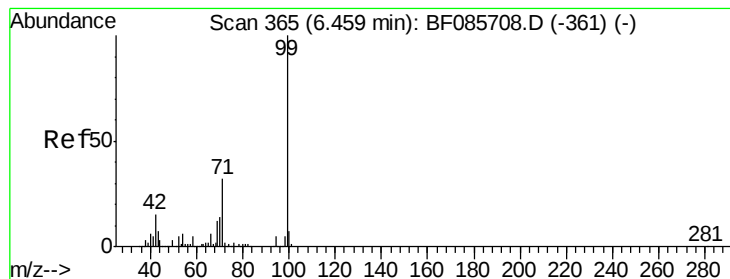
Delta R.T. 0.01 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Tgt Ion:	93	Resp:	313134
Ion Ratio	Lower	Upper	
93	100		
66	40.7	31.4	47.2
65	21.4	15.7	23.5





#7

Phenol-d6

Concen: 141.62 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MSD

Tgt Ion: 99 Resp: 1187197

Ion Ratio Lower Upper

99 100

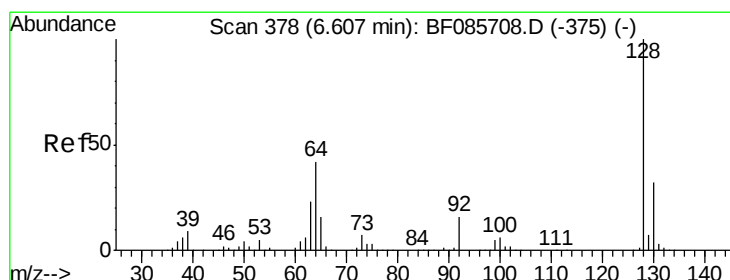
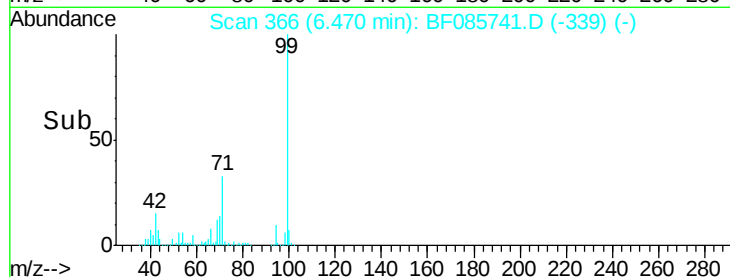
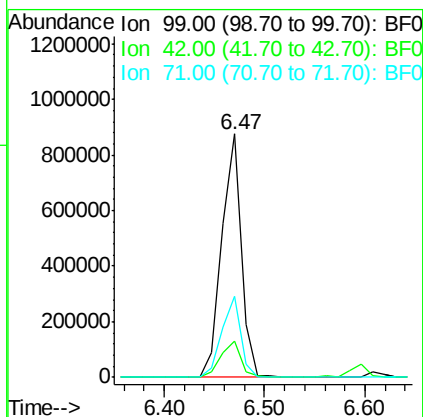
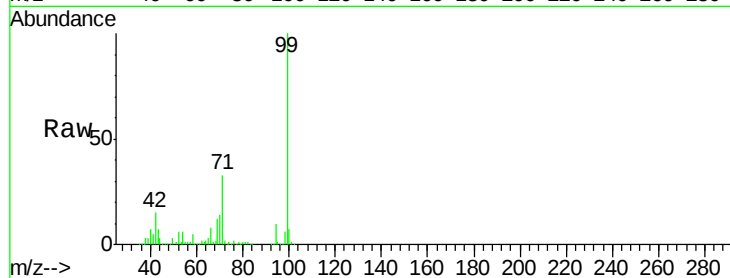
42 15.0 11.1 16.7

71 33.1 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.14 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

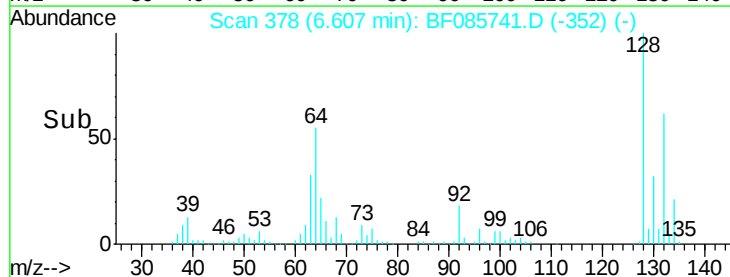
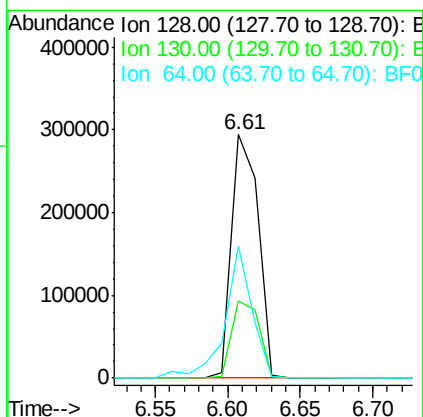
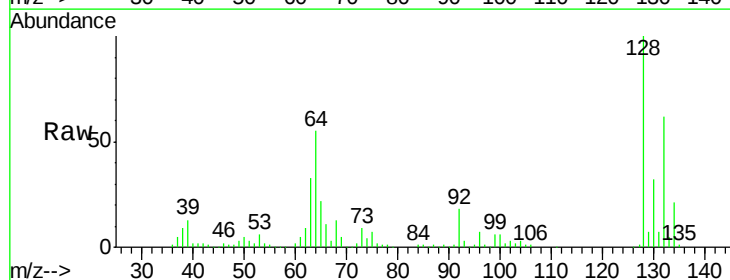
Tgt Ion: 128 Resp: 376434

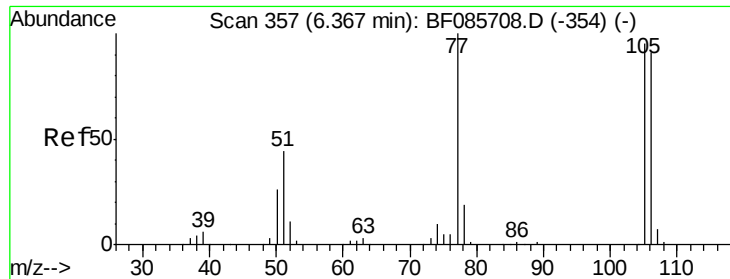
Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

64 54.6 20.2 60.2





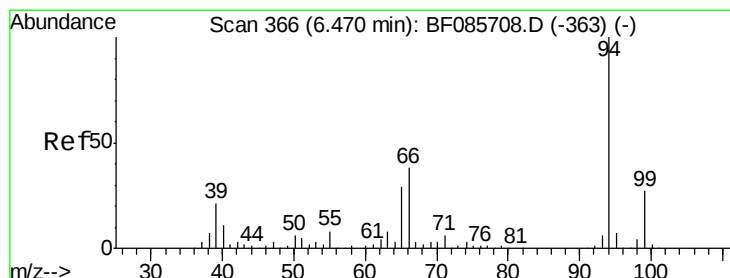
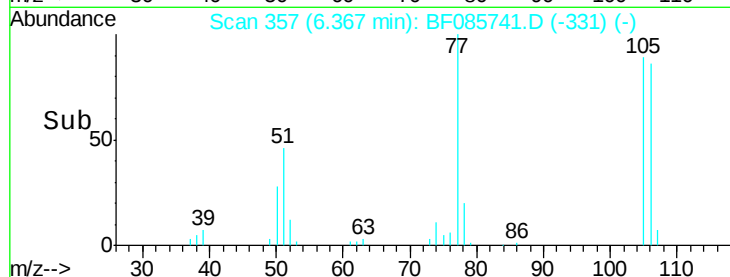
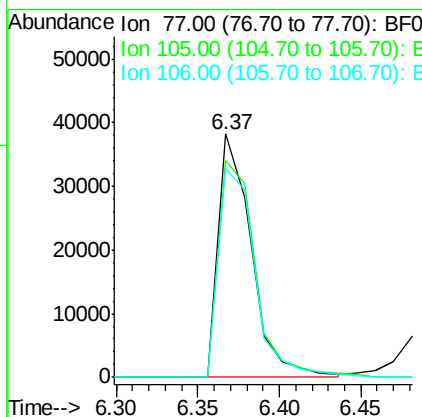
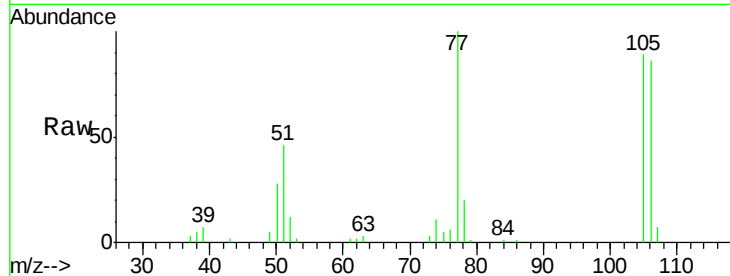
#9
Benzaldehyde
Concen: 10.62 ng
RT: 6.37 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Lower	Upper
77	100		
105	89.2	80.1	120.1
106	86.1	75.0	115.0

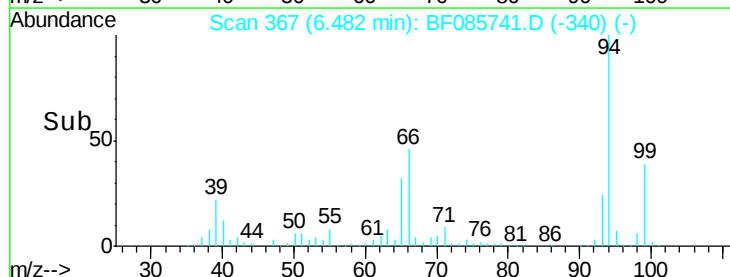
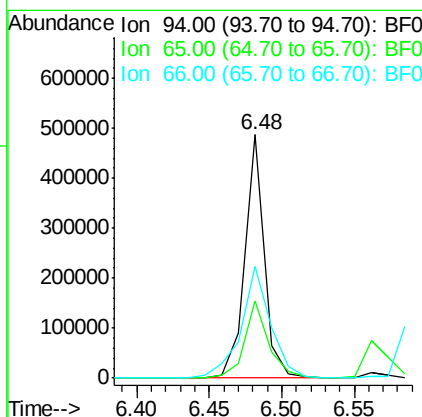
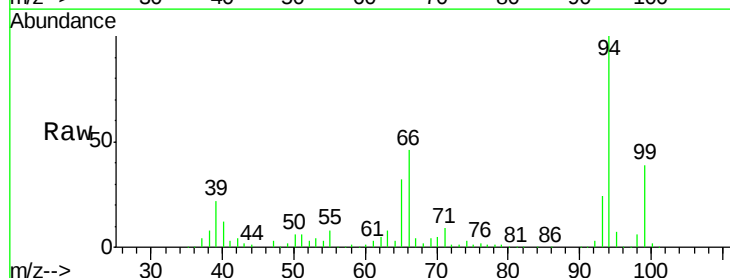
Manual Integrations
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#10
Phenol
Concen: 47.87 ng
RT: 6.48 min Scan# 367
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	8.6	48.6
66	46.1	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 49.47 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

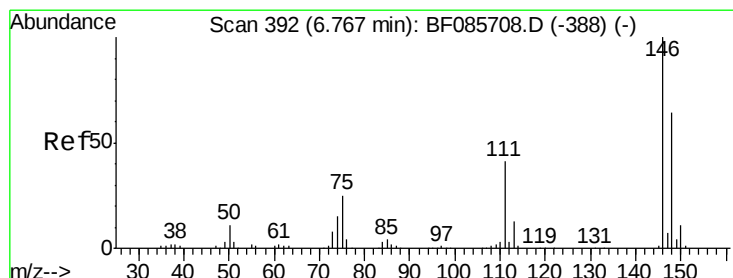
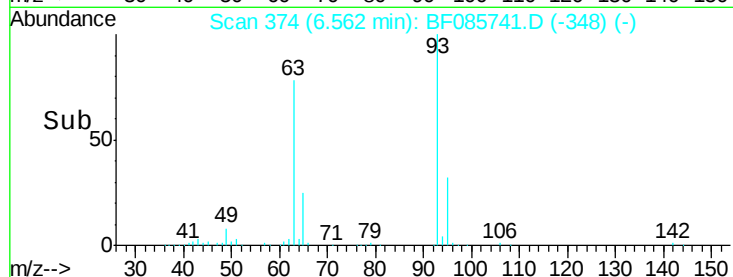
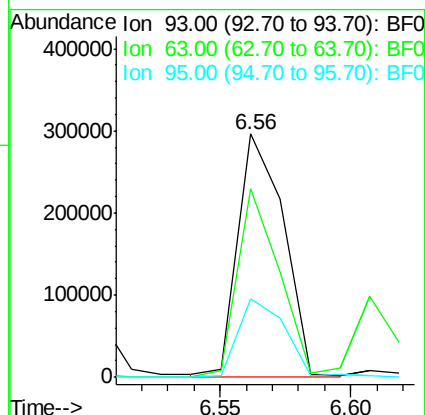
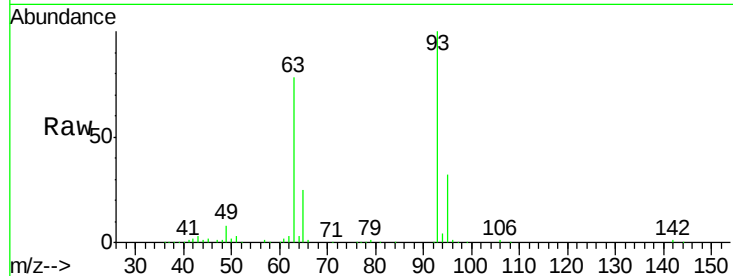
ClientSampleId :

GW-01(13-15)MSD

Tgt Ion:	93	Resp:	361565
Ion Ratio	Lower	Upper	
93	100		
63	77.5	50.9	90.9
95	32.0	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 49.60 ng m

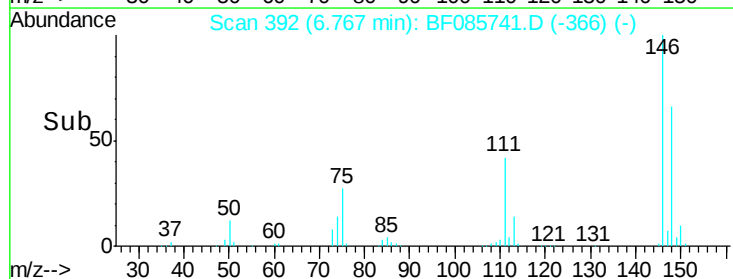
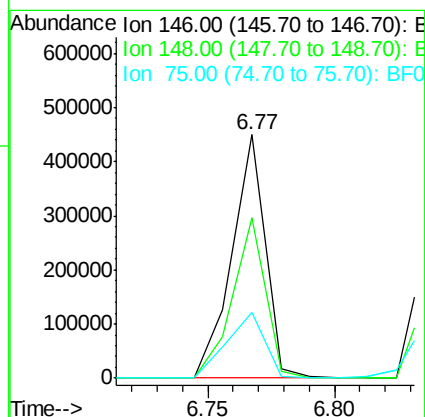
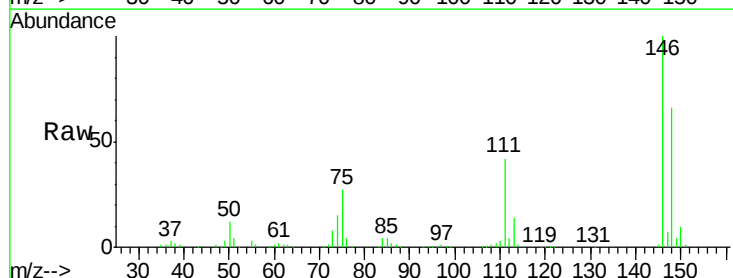
RT: 6.77 min Scan# 392

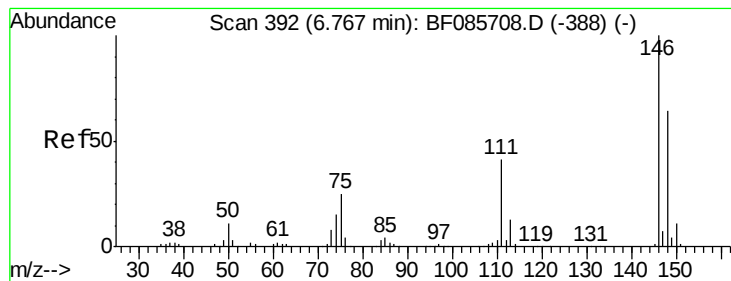
Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Tgt Ion:	146	Resp:	409187
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.3	78.5
75	26.9	17.4	26.2#





#13

1,4-Dichlorobenzene

Concen: 48.39 ng m

RT: 6.85 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF085741.D

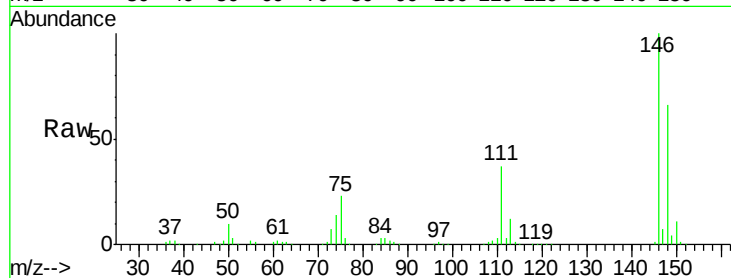
Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

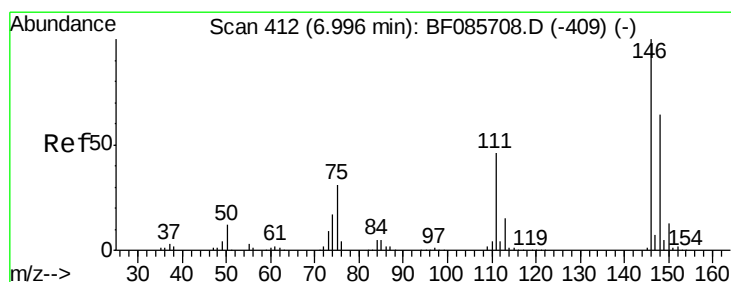
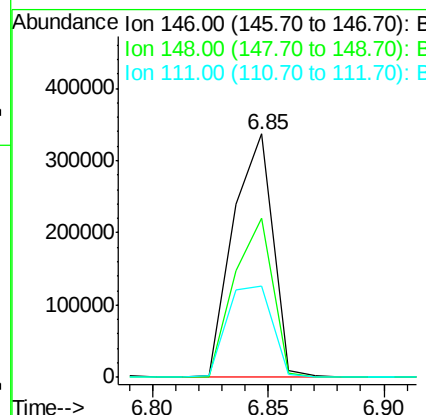
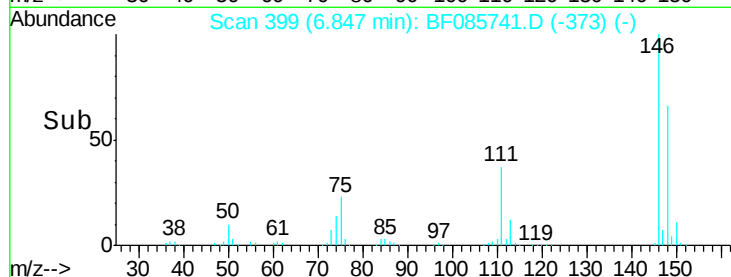
GW-01(13-15)MSD



Tgt Ion:	146	Resp:	404854
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.6	76.0
111	37.4	37.8	56.6#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 48.98 ng

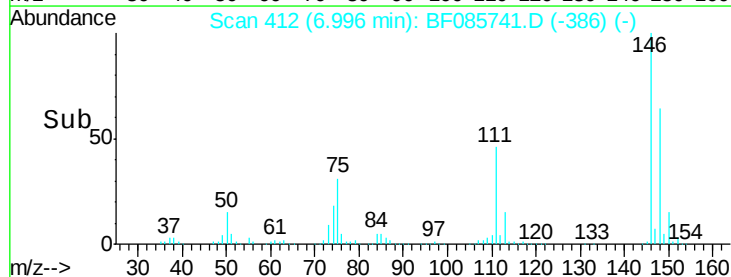
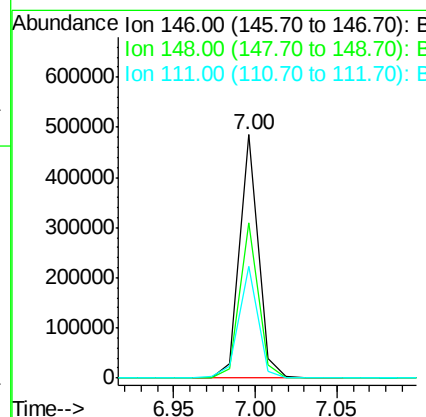
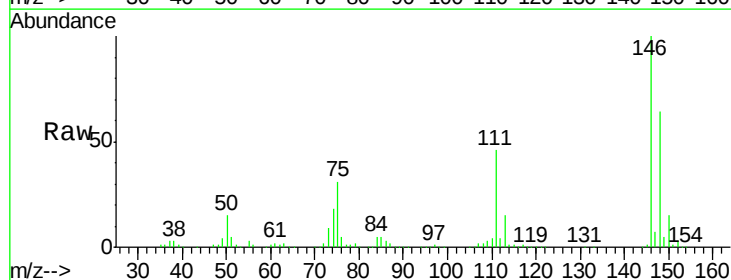
RT: 7.00 min Scan# 412

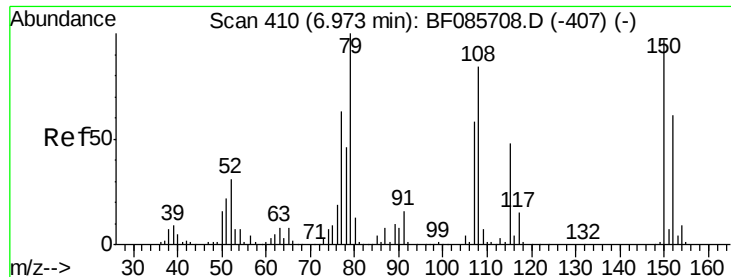
Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Tgt Ion:	146	Resp:	381891
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.2
111	46.0	34.6	52.0





#15

Benzyl Alcohol

Concen: 50.20 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MSD

Tgt Ion: 79 Resp: 280783
Ion Ratio Lower Upper

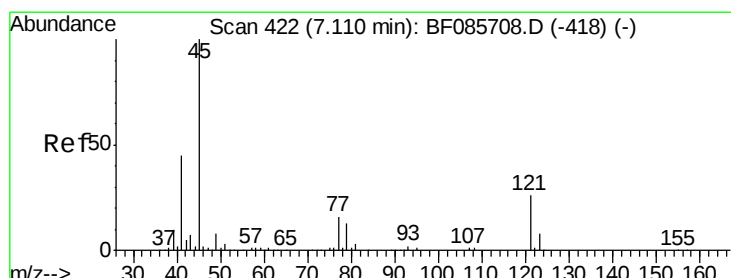
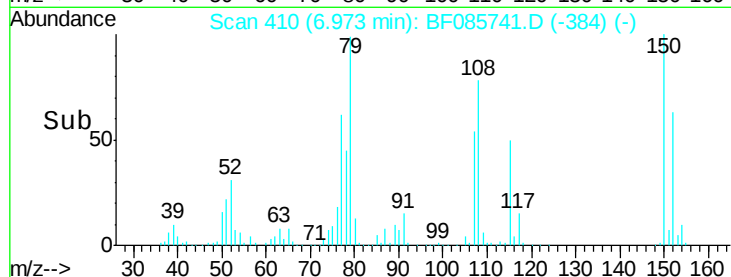
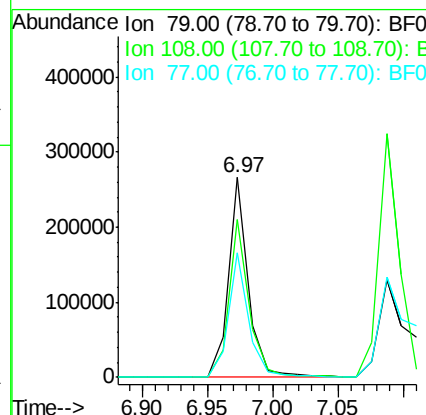
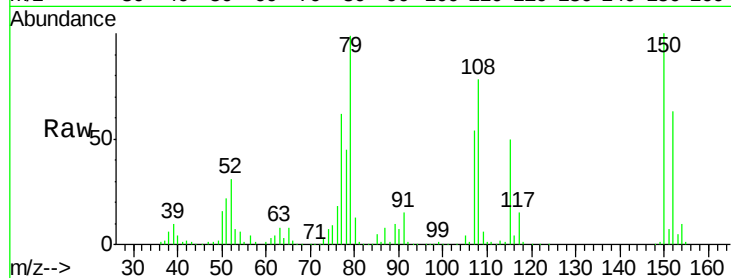
79 100

108 78.9 61.8 92.6

77 62.6 49.6 74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.16 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085741.D

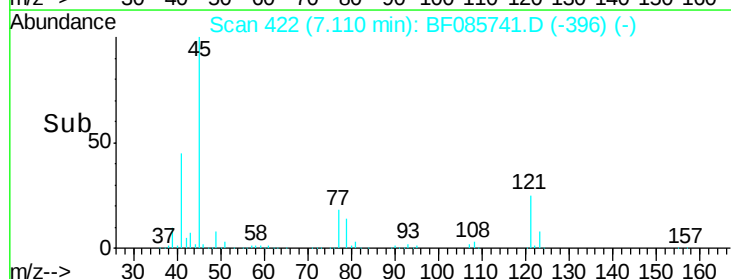
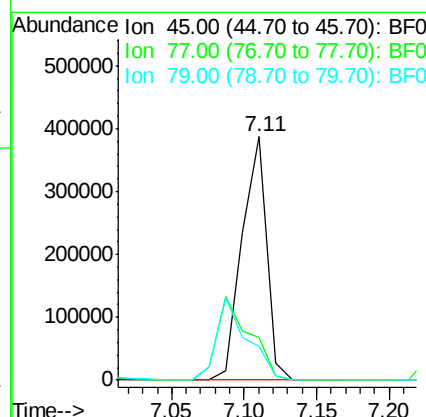
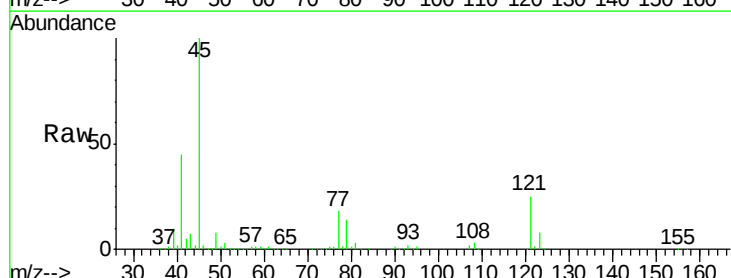
Acq: 25 Mar 2016 4:42

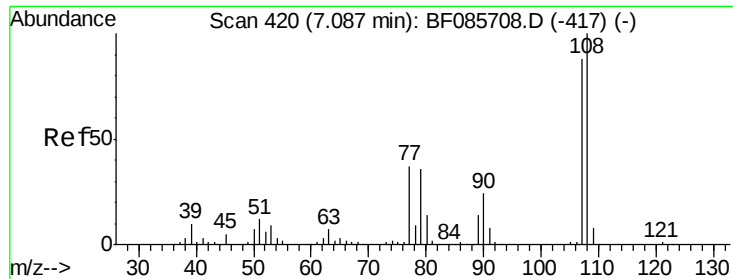
Tgt Ion: 45 Resp: 457341
Ion Ratio Lower Upper

45 100

77 17.7 0.0 35.7

79 13.9 0.0 32.2





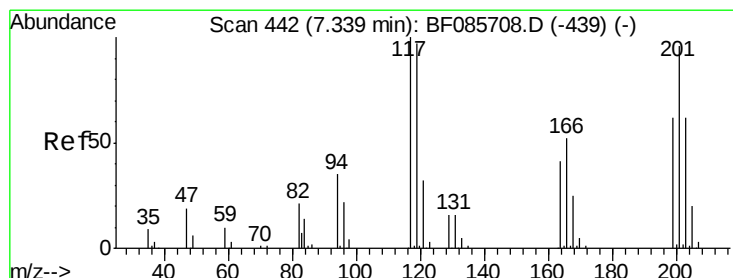
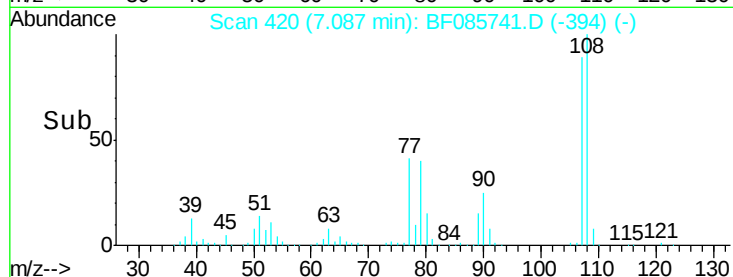
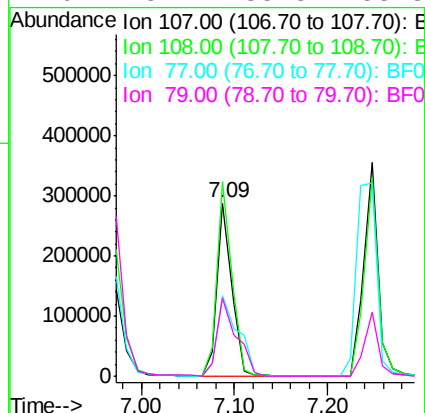
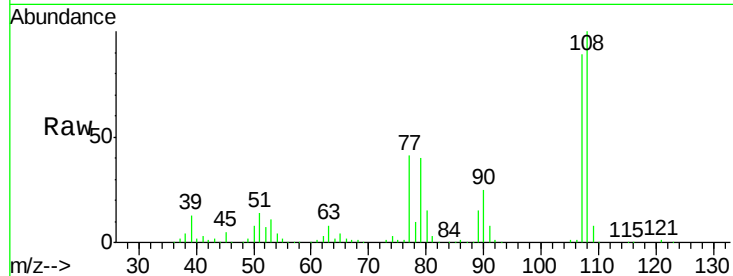
#17
2-Methylphenol
Concen: 51.60 ng
RT: 7.09 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion:	107	Resp:	316458
Ion Ratio	Lower	Upper	
107	100		
108	112.4	91.4	137.0
77	46.3	36.2	54.2
79	45.1	35.8	53.8

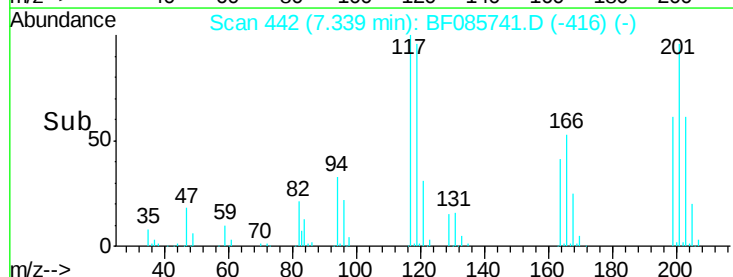
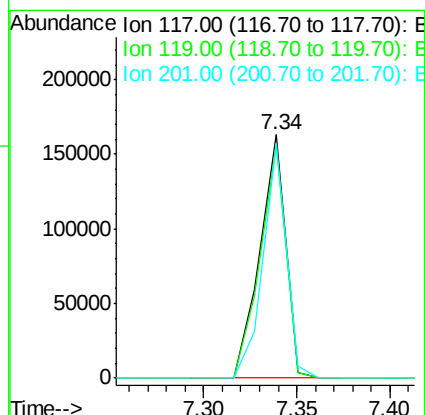
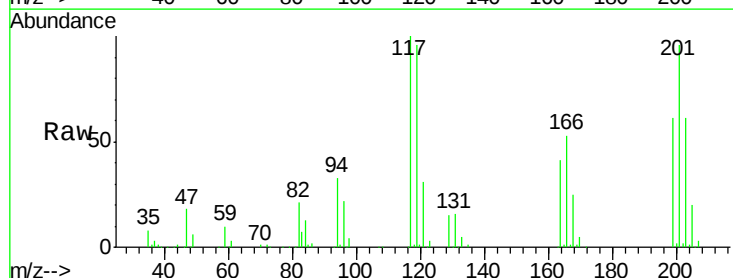
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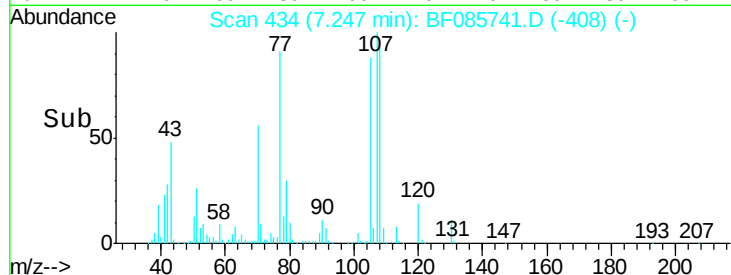
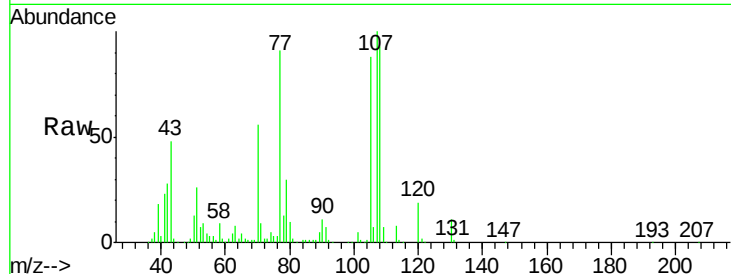
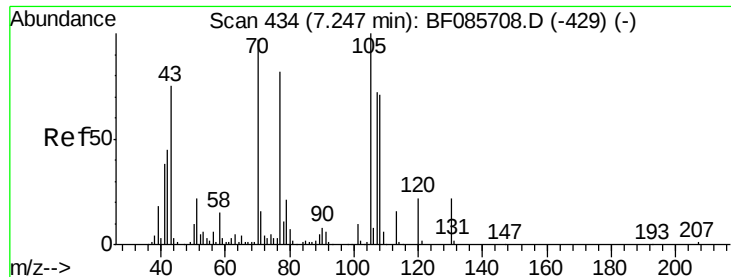
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#18
Hexachloroethane
Concen: 50.80 ng
RT: 7.34 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion:	117	Resp:	155608
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.7	115.1
201	96.2	83.3	124.9





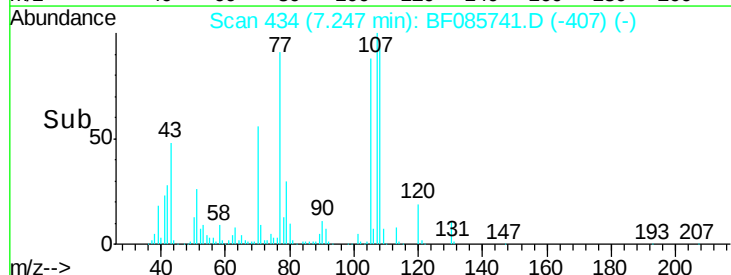
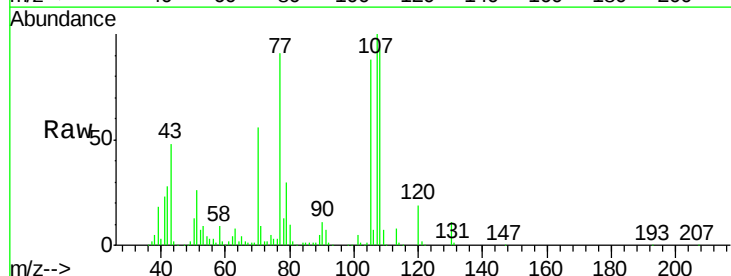
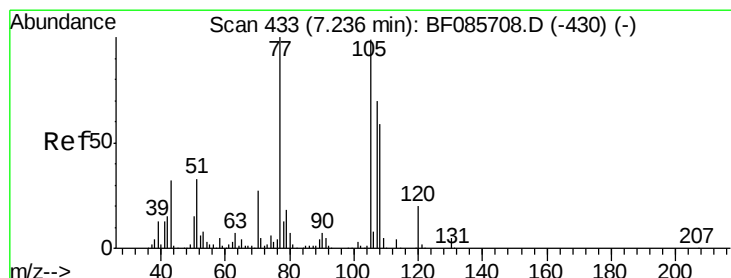
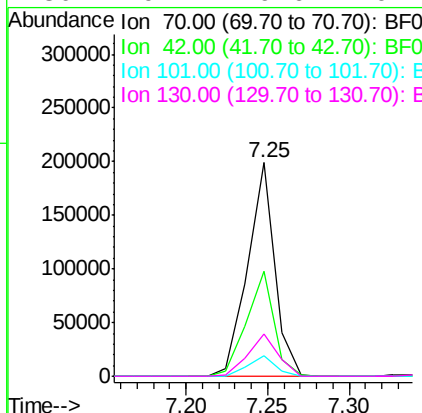
#19
n-Nitroso-di-n-propylamine
Concen: 45.62 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Manual Integrations
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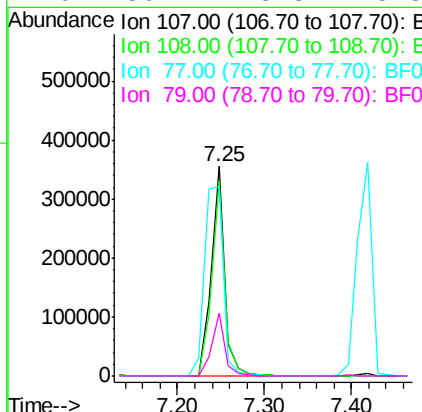
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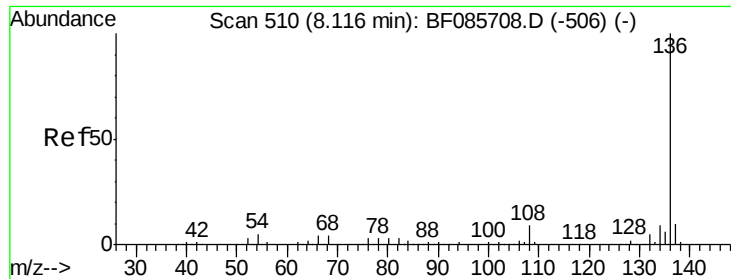
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		229008		
42	49.1	37.1	55.7		
101	9.6	8.6	12.8		
130	19.7	19.6	29.4		



#20
3+4-Methylphenols
Concen: 51.81 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		382017		
108	92.8	69.3	109.3		
77	90.5	101.7	141.7#		
79	30.2	8.3	48.3		





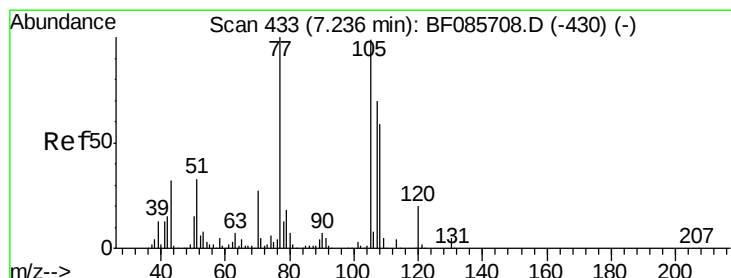
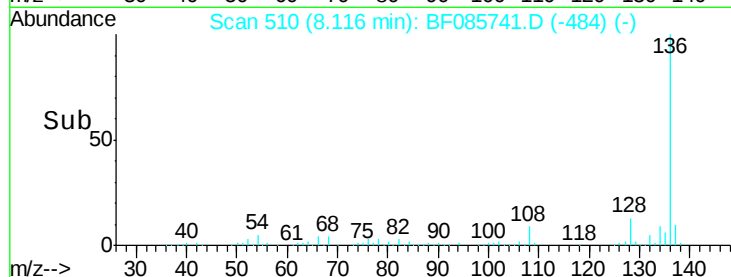
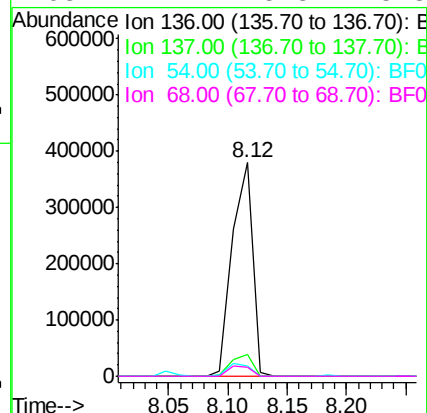
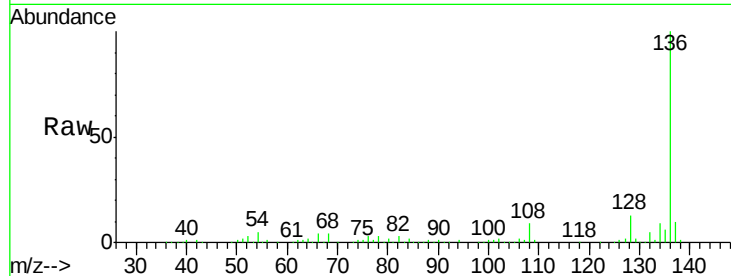
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	452464		
137	10.4	9.1	13.7	
54	4.9	7.4	11.0	
68	4.2	5.8	8.8	

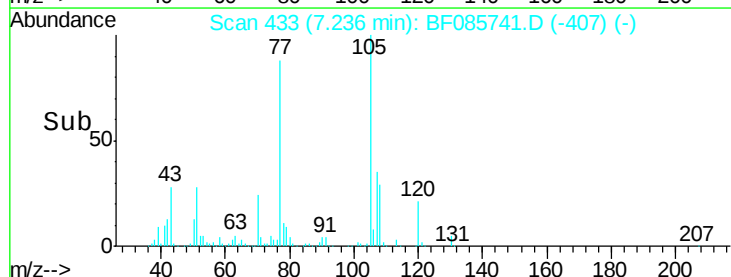
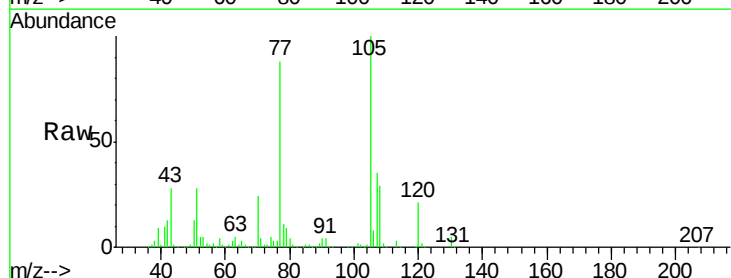
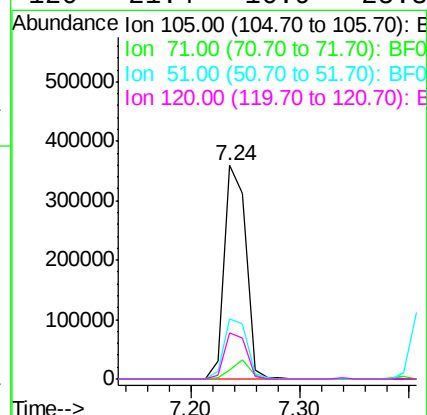
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#22
Acetophenone
Concen: 47.12 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496720		
71	4.1	3.6	5.4	
51	28.2	25.4	38.0	
120	21.4	16.9	25.3	





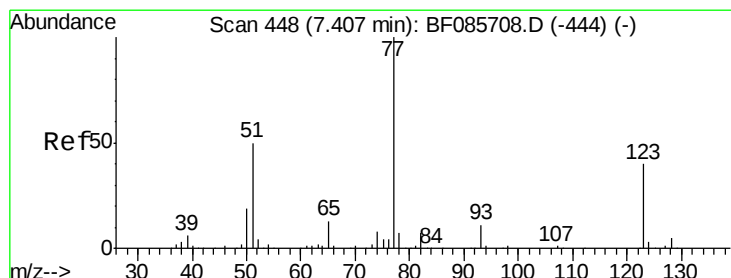
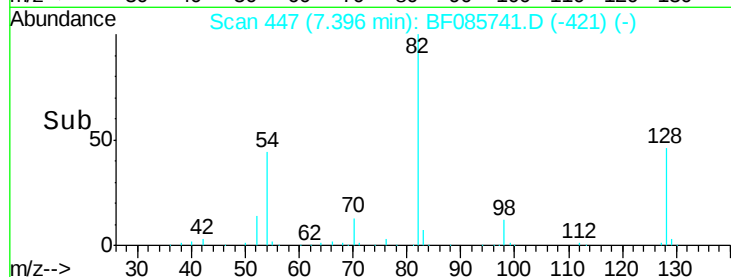
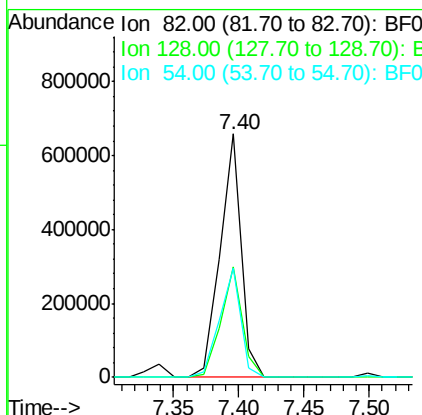
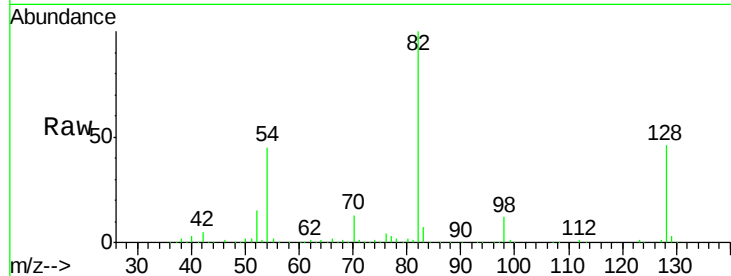
#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	744423		
128	45.5	41.8	62.8	
54	44.9	33.4	50.0	

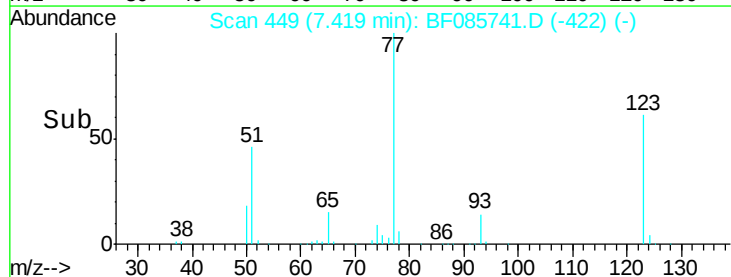
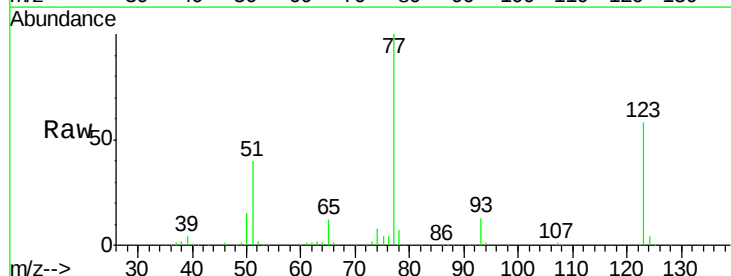
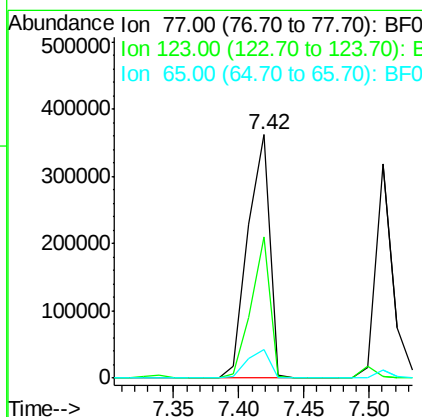
Manual Integrations
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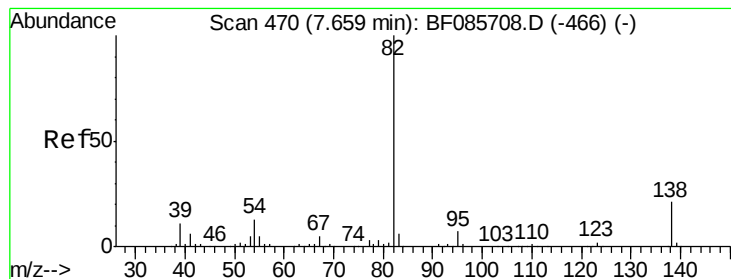
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#24
 Nitrobenzene
 Concen: 50.93 ng
 RT: 7.42 min Scan# 449
 Delta R.T. 0.01 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	421806		
123	57.8	35.0	52.4#	
65	12.0	10.6	16.0	





#25

Isophorone

Concen: 50.17 ng

RT: 7.66 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MSD

Tgt Ion: 82 Resp: 776577
Ion Ratio Lower Upper

82 100

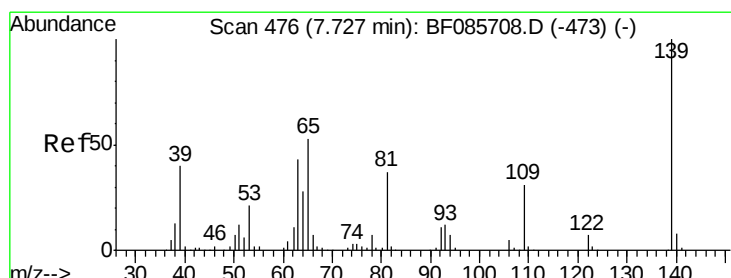
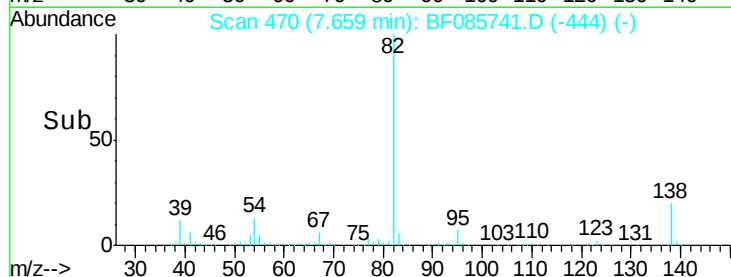
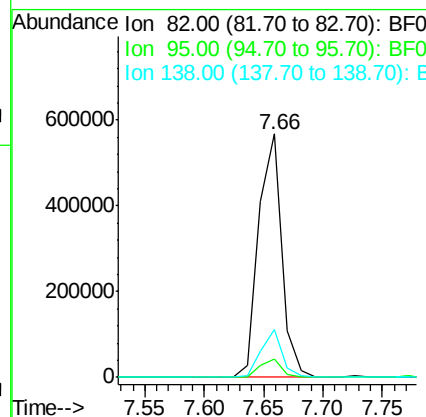
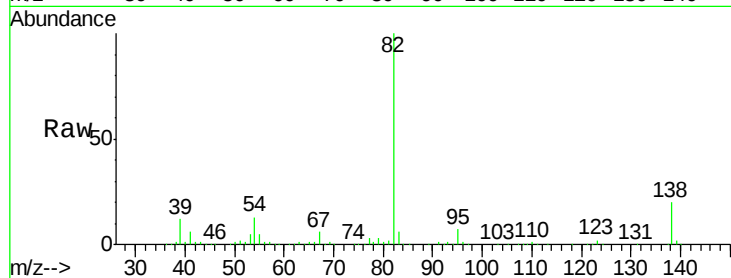
95 7.3 5.4 8.2

138 19.7 12.9 19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.50 ng

RT: 7.73 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF085741.D

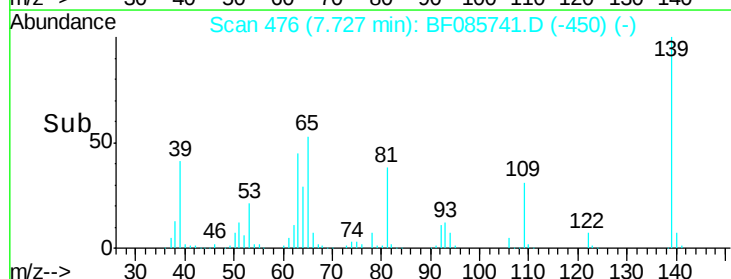
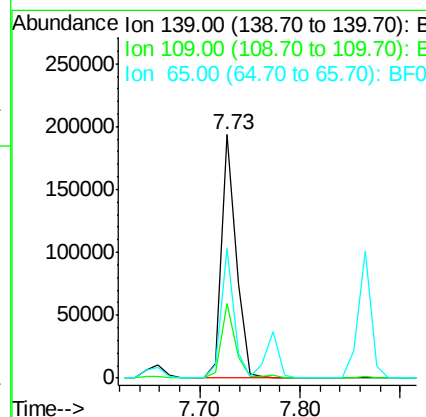
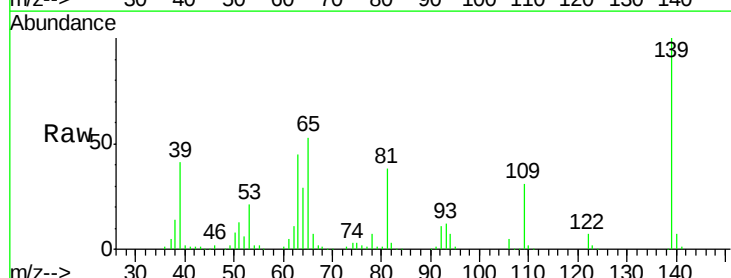
Acq: 25 Mar 2016 4:42

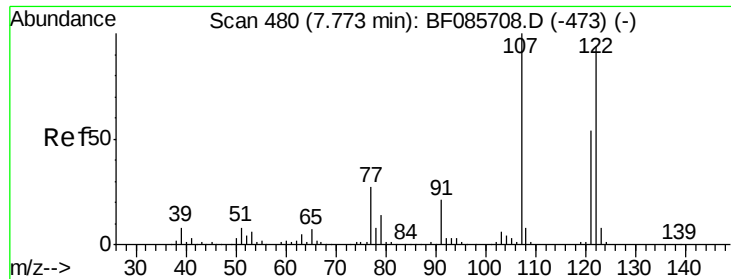
Tgt Ion: 139 Resp: 196812
Ion Ratio Lower Upper

139 100

109 30.8 22.1 33.1

65 53.3 33.9 50.9#





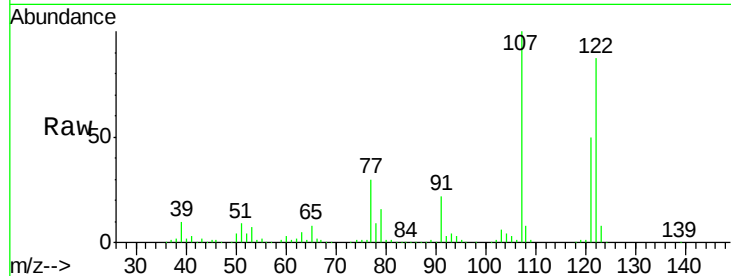
#27
2,4-Dimethylphenol
Concen: 51.23 ng
RT: 7.77 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

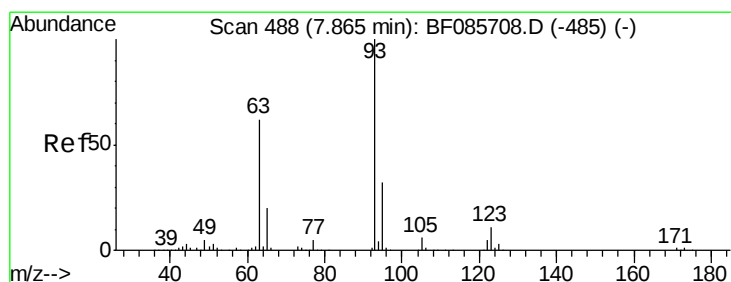
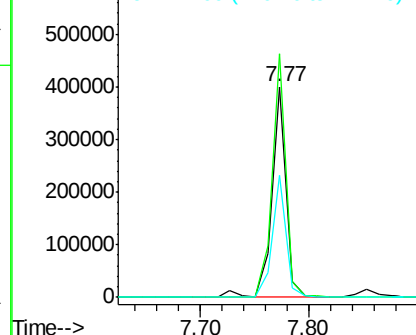
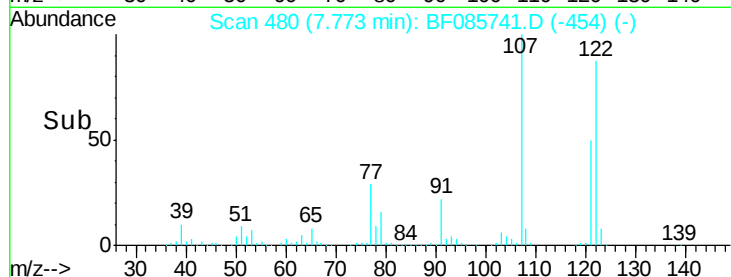
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	371083		
107	115.4	93.0	139.6	
121	58.1	45.9	68.9	

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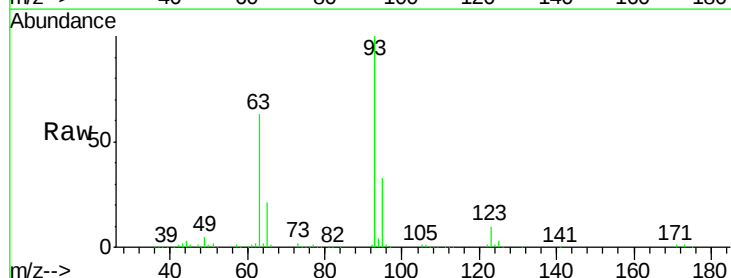


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

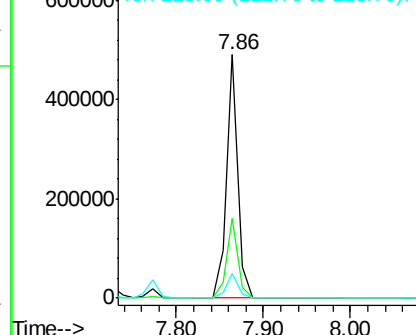
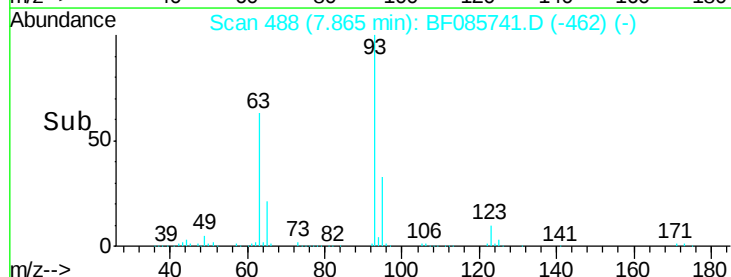


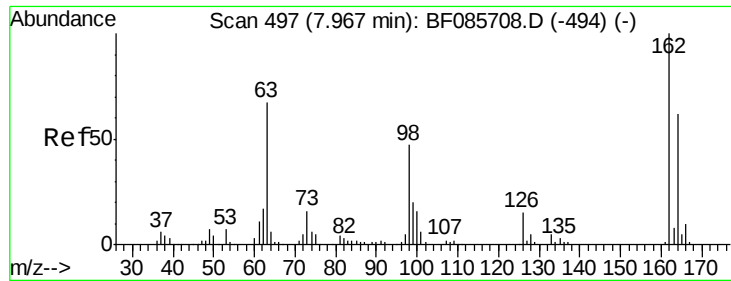
#28
bis(2-Chloroethoxy)methane
Concen: 51.16 ng
RT: 7.86 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	451154		
95	32.7	26.4	39.6	
123	10.4	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





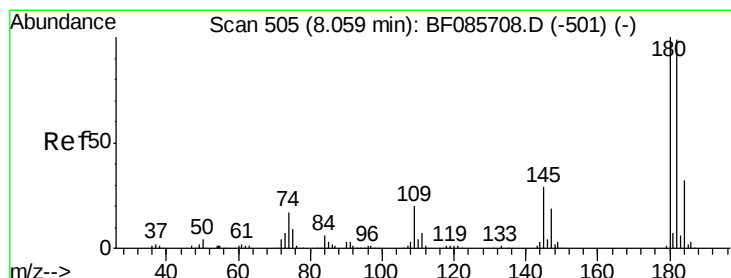
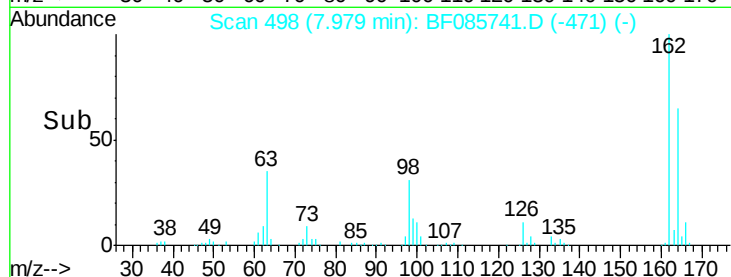
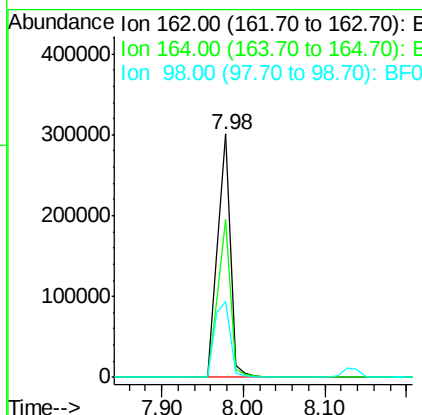
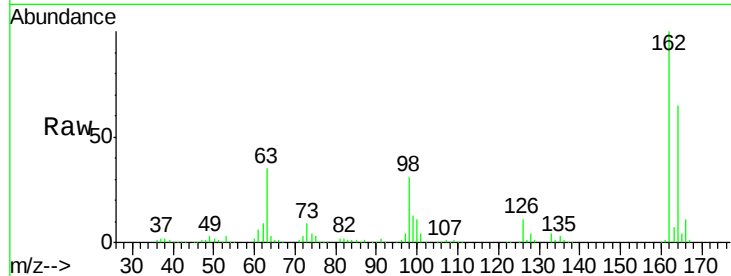
#29
 2,4-Dichlorophenol
 Concen: 54.09 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	329330		
164	64.7	43.7	83.7	
98	31.3	20.4	60.4	

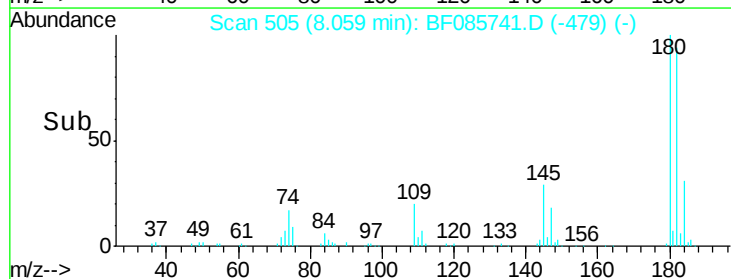
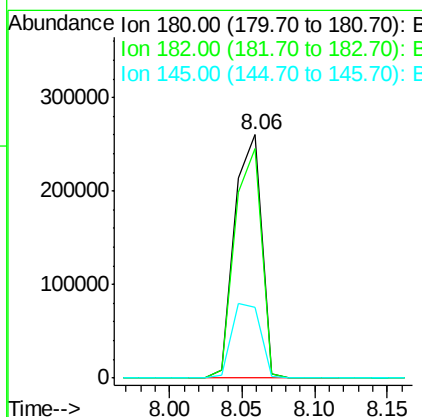
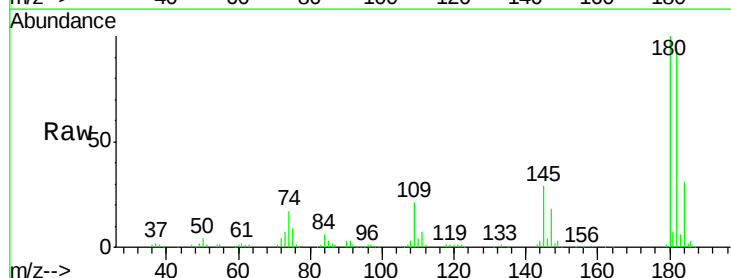
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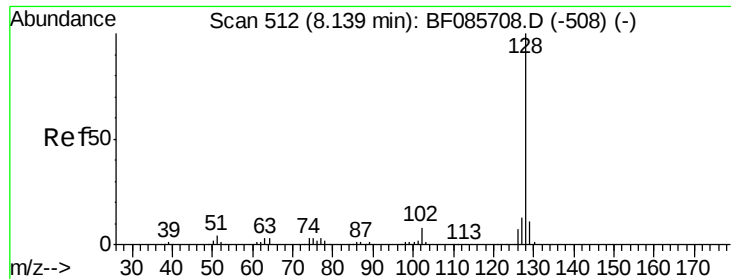
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.56 ng
 RT: 8.06 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335007		
182	94.1	73.8	110.8	
145	29.2	28.4	42.6	





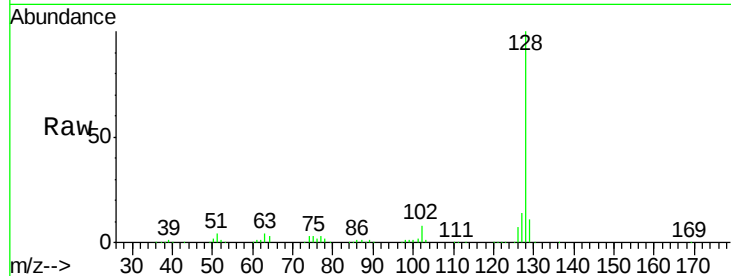
#31
Naphthalene
Concen: 48.99 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

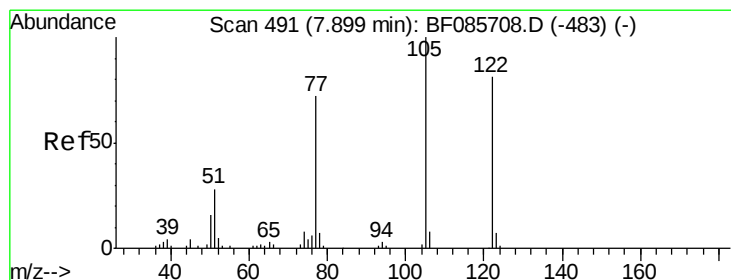
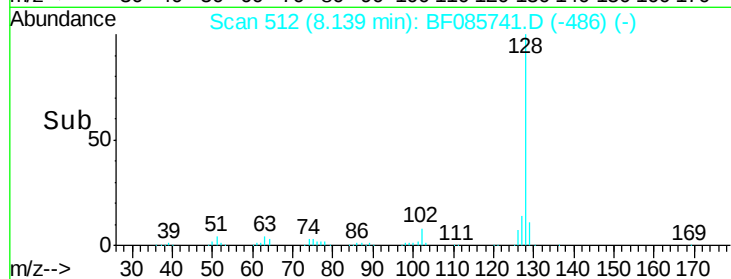
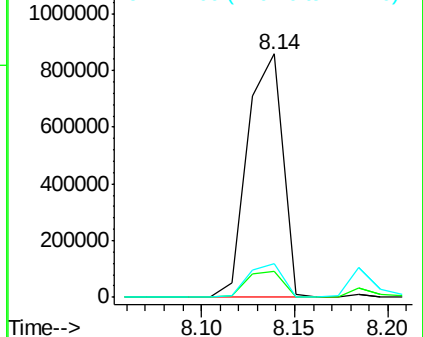
Tgt Ion:128 Resp: 1116996
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.6 11.0 16.6

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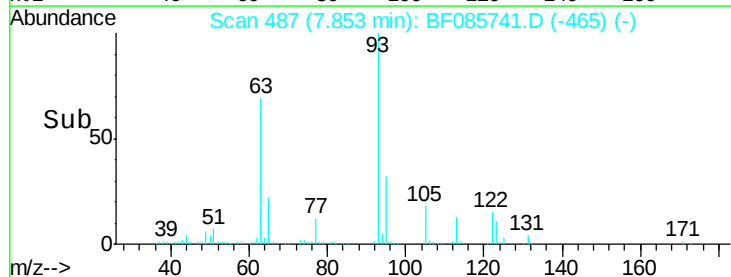
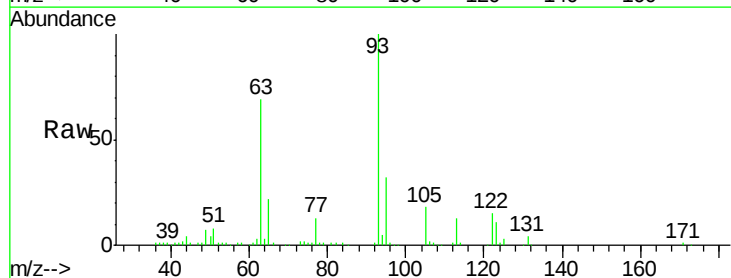
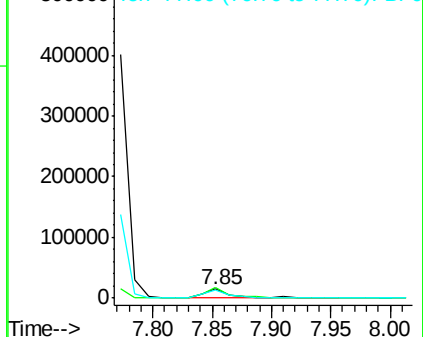
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

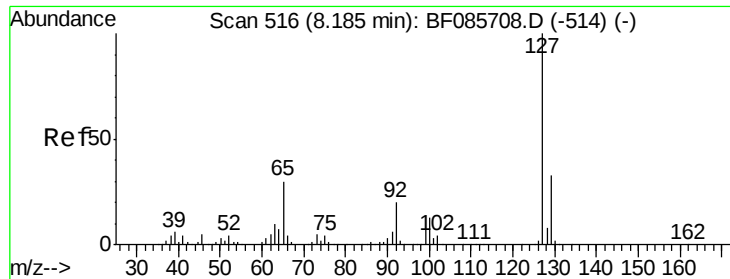


#32
Benzoic acid
Concen: 4.55 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion:122 Resp: 21890
Ion Ratio Lower Upper
122 100
105 118.5 102.9 142.9
77 88.5 71.8 111.8

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





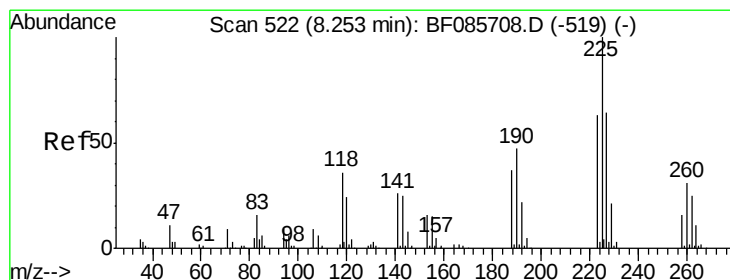
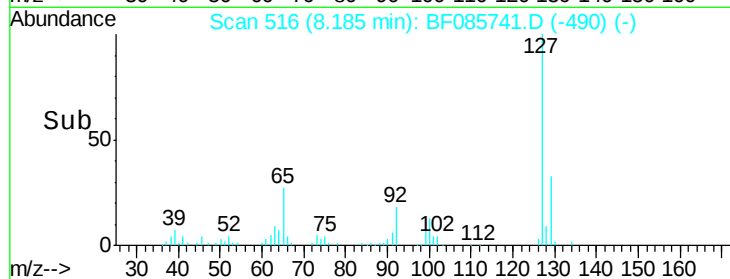
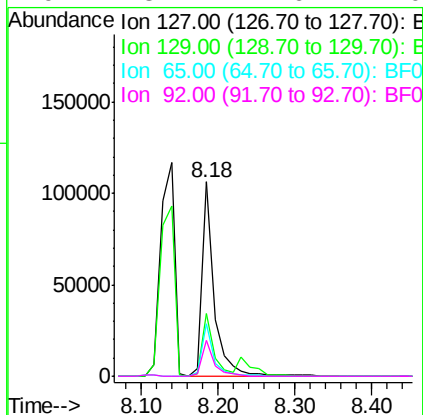
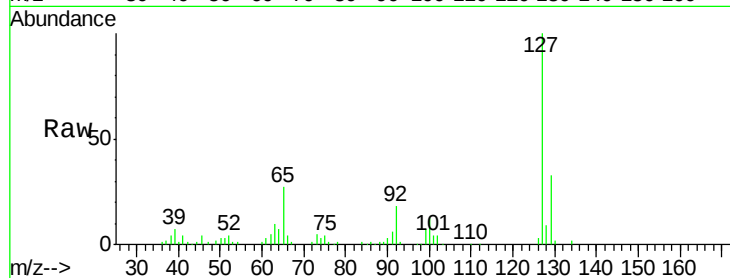
#33
4-Chloroaniline
Concen: 12.30 ng
RT: 8.18 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	26.1	39.1
65	27.1	19.5	29.3
92	18.4	14.6	22.0

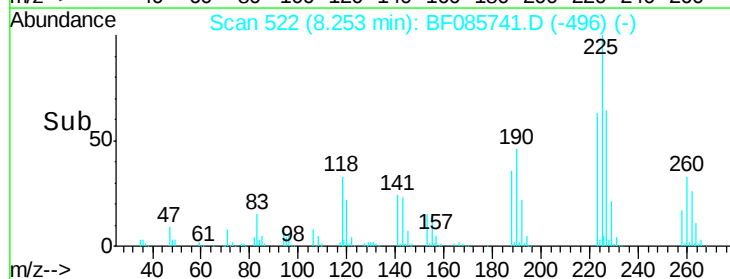
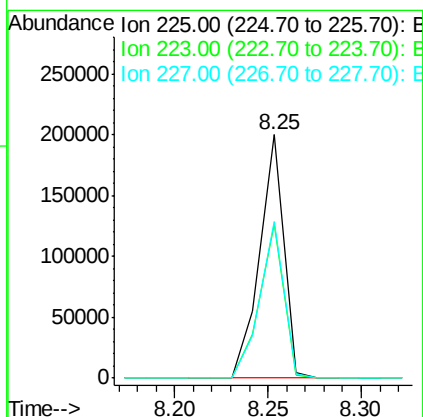
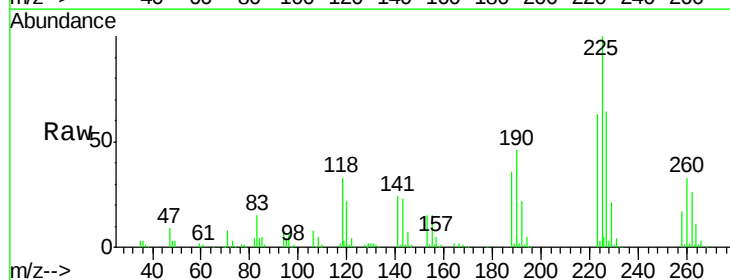
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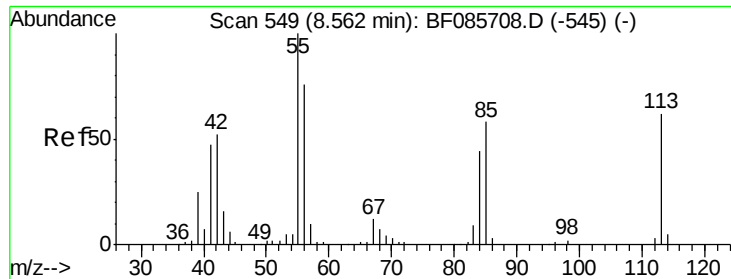
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#34
Hexachlorobutadiene
Concen: 48.69 ng
RT: 8.25 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.1	50.4	75.6
227	64.4	51.4	77.2





#35

Caprolactam

Concen: 51.59 ng m

RT: 8.56 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

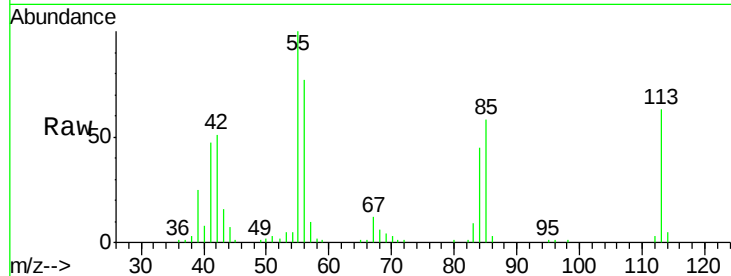
ClientSampleId :

GW-01(13-15)MSD

Tgt Ion:	113	Resp:	111261
Ion Ratio	Lower	Upper	
113	100		
55	159.2	139.4	179.4
56	122.0	100.4	140.4

Manual Integrations
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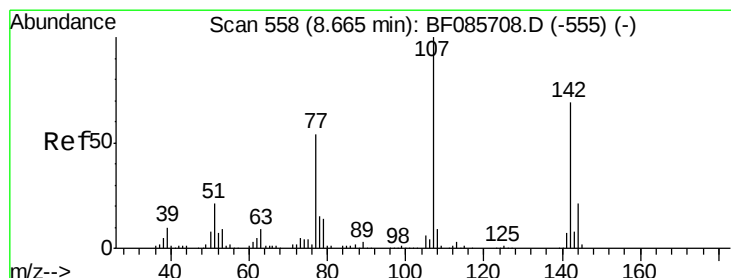
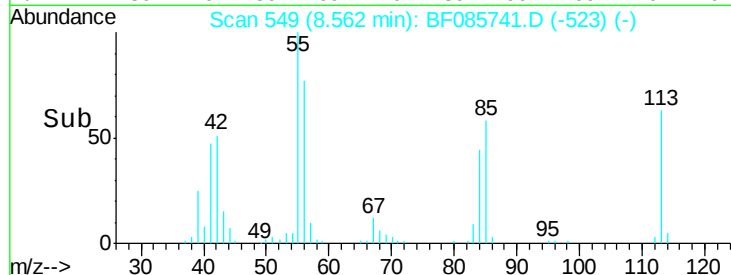
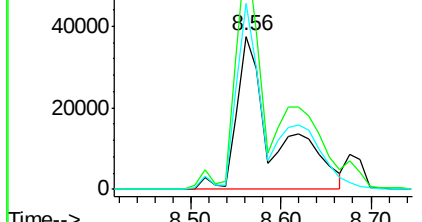
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.85 ng

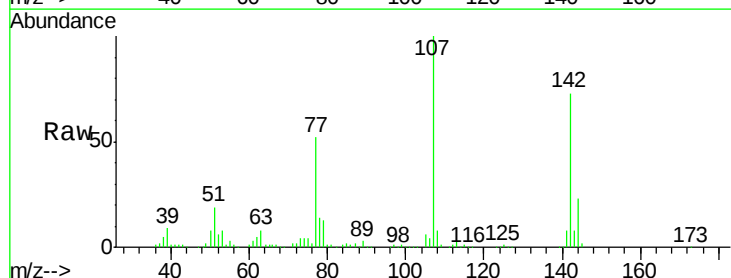
RT: 8.68 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

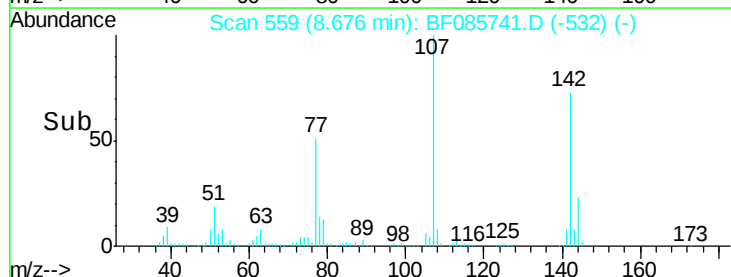
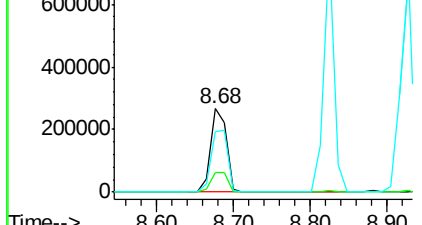
Tgt Ion:	107	Resp:	375872
Ion Ratio	Lower	Upper	
107	100		
144	23.2	19.3	28.9
142	72.8	61.4	92.0

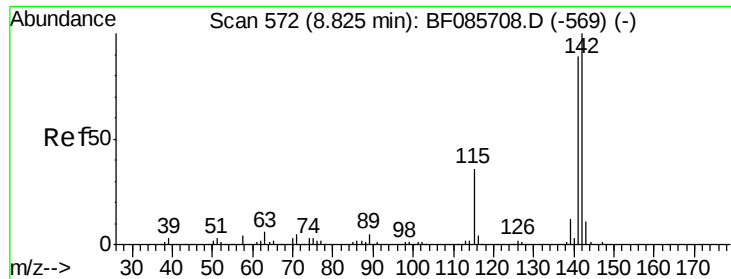


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





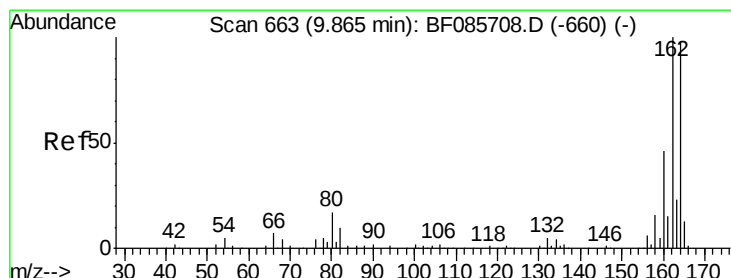
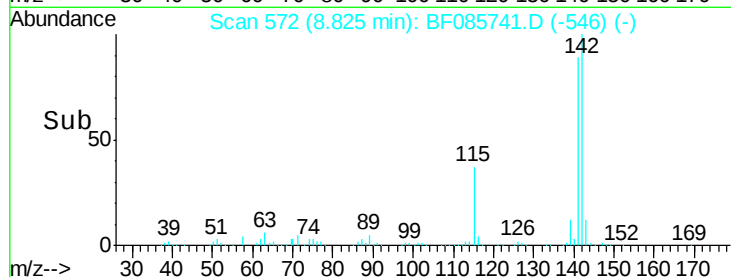
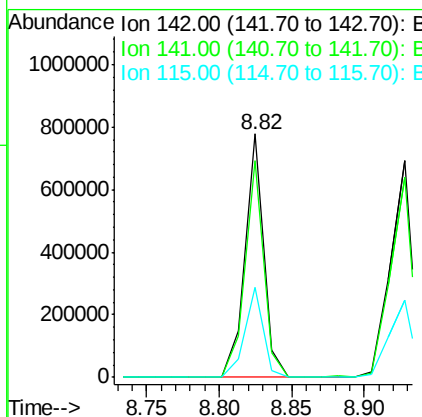
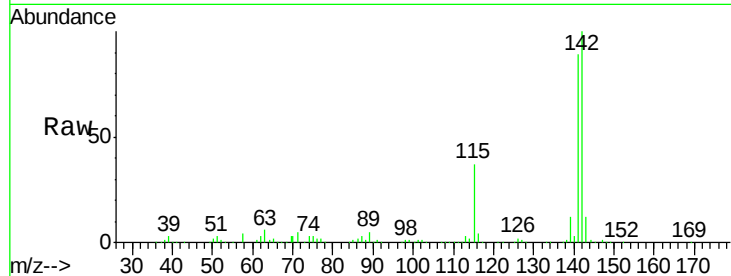
#37
2-Methylnaphthalene
Concen: 55.87 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	37.1	26.8	40.2

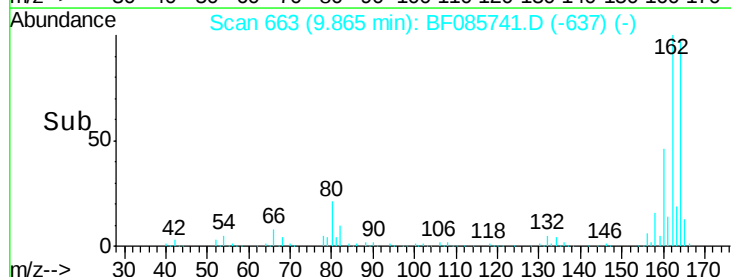
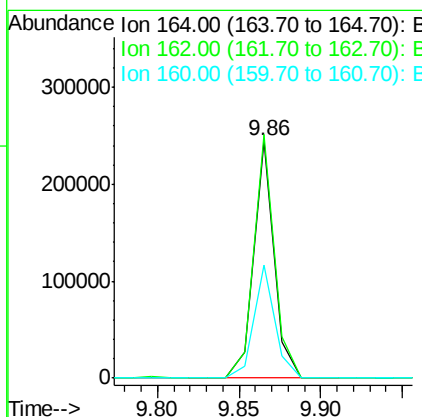
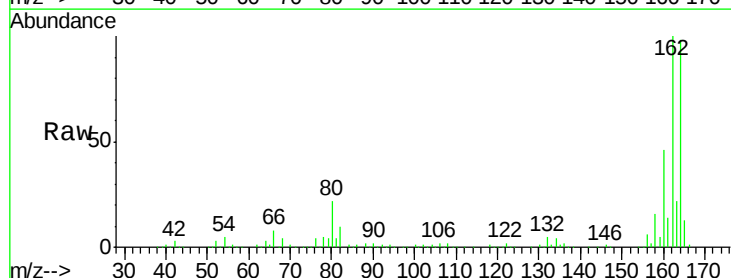
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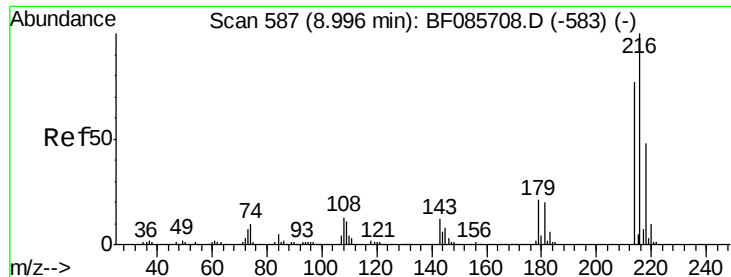
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	47.6	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.47 ng

RT: 9.00 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

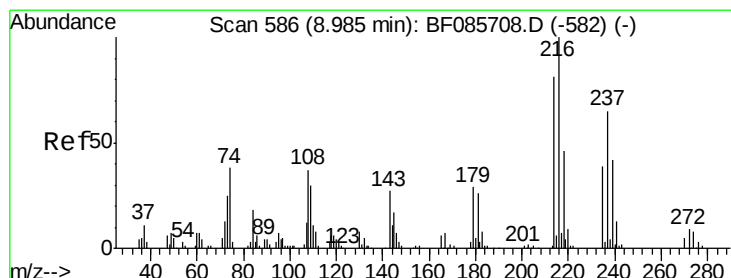
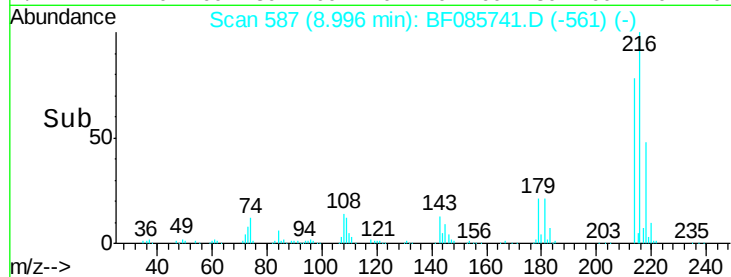
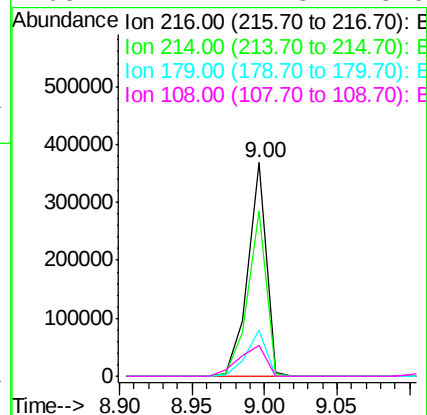
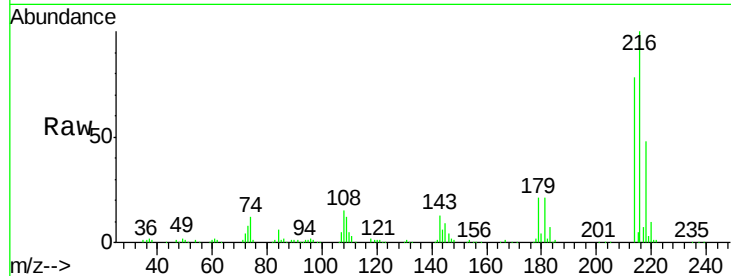
ClientSampleId :

GW-01(13-15)MSD

Tgt Ion:	216	Resp:	325139
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.1	94.7
179	22.7	18.2	27.2
108	21.2	17.3	25.9

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 88.04 ng

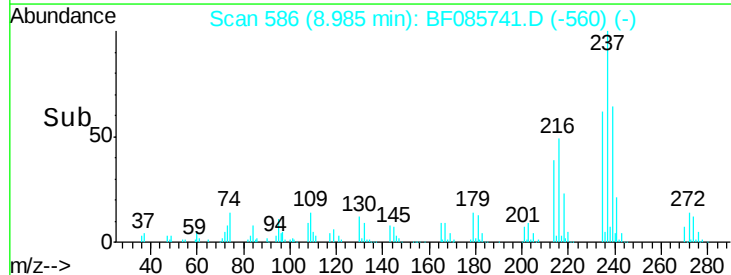
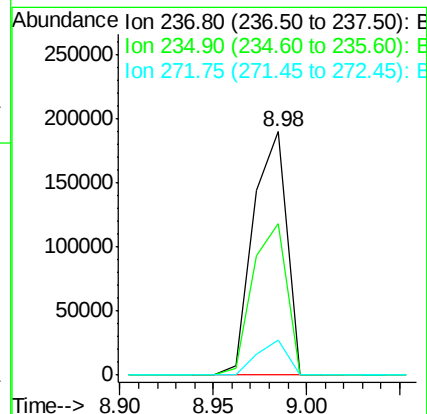
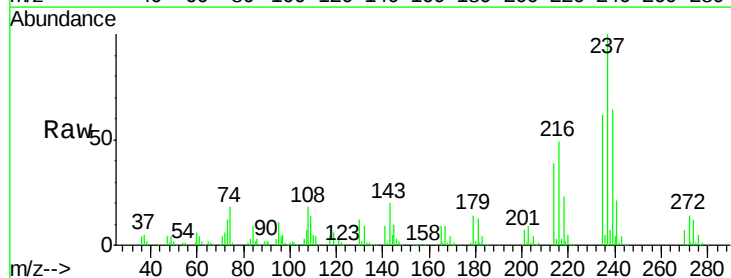
RT: 8.98 min Scan# 586

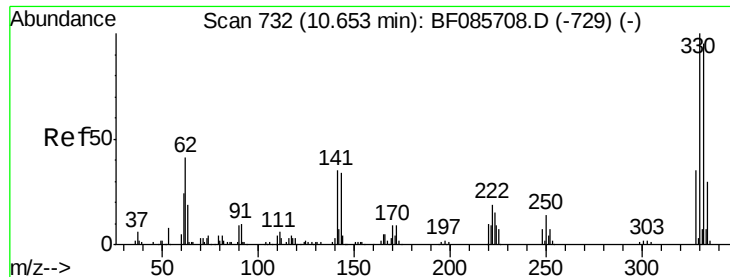
Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Tgt Ion:	237	Resp:	234550
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.7	83.7
272	14.5	0.0	31.9





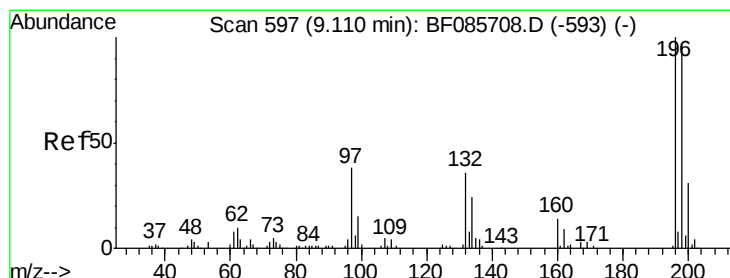
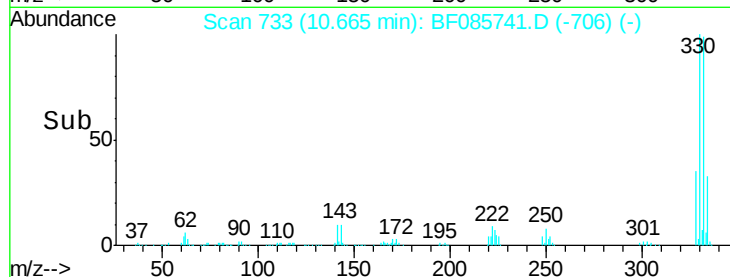
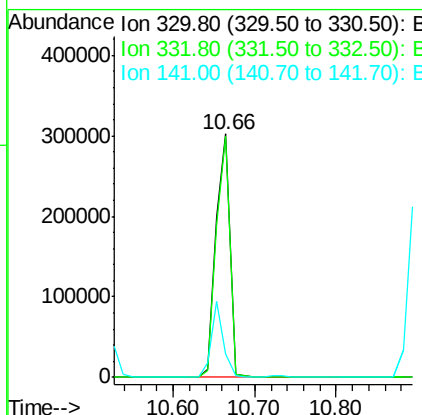
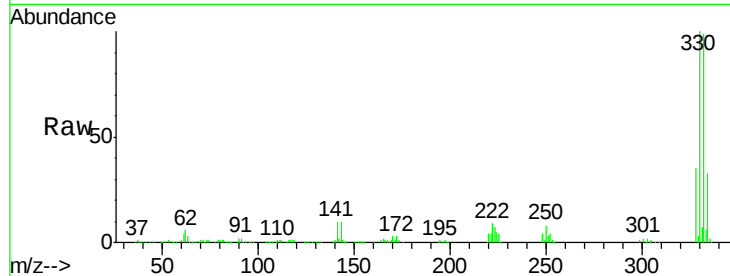
#41
 2,4,6-Tribromophenol
 Concen: 176.74 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	357716		
332	97.3	78.2	117.2	
141	27.9	31.5	47.3#	

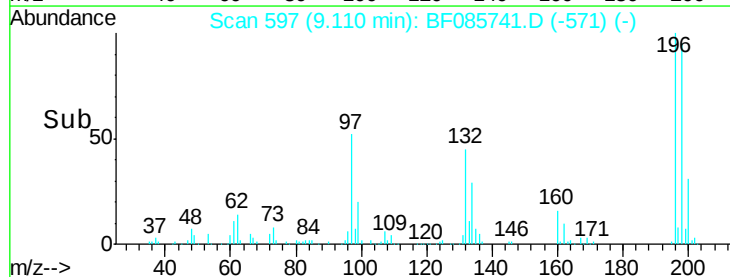
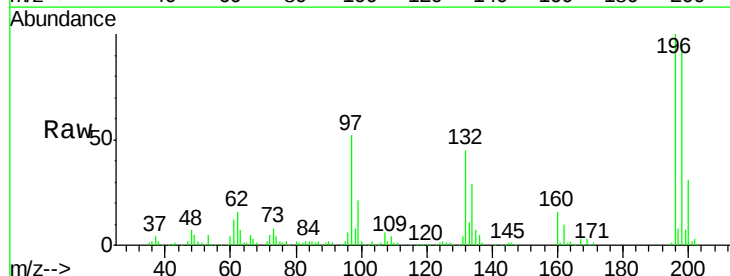
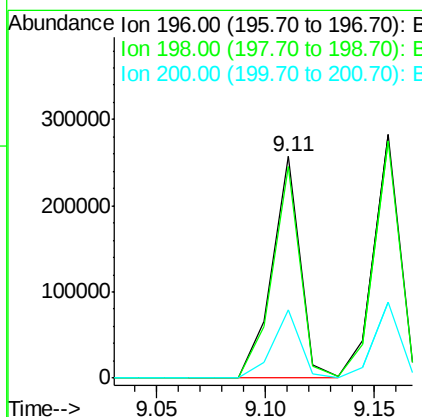
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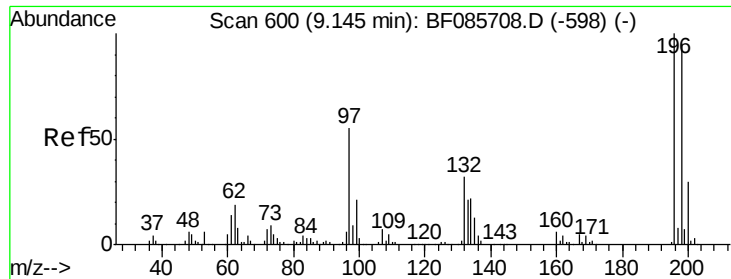
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 54.71 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233427		
198	95.2	75.3	112.9	
200	30.7	23.7	35.5	





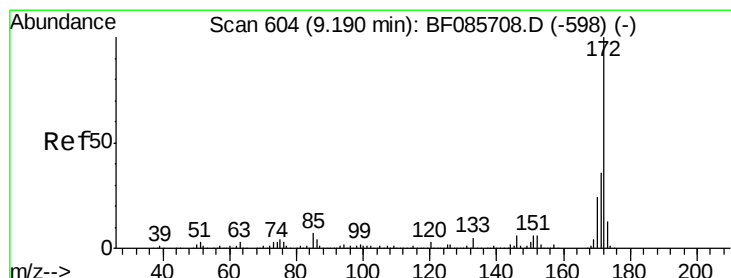
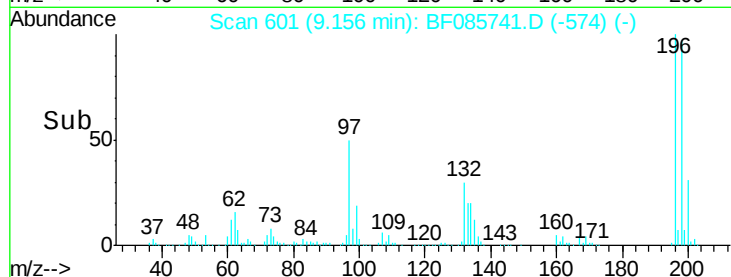
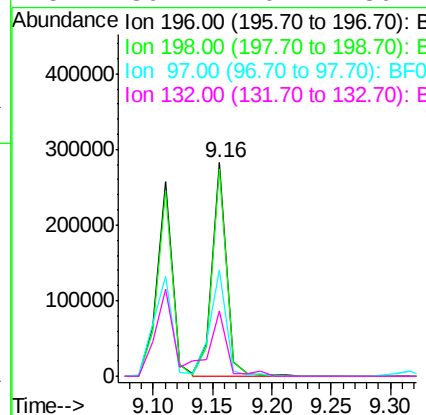
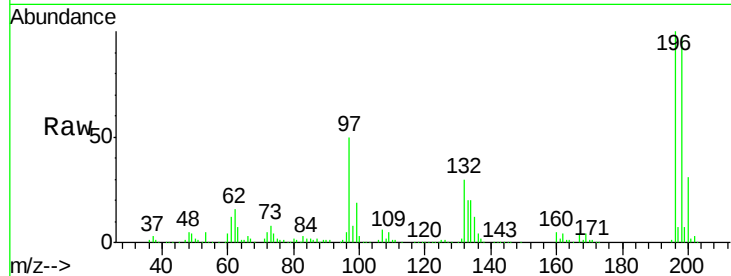
#43
 2,4,5-Trichlorophenol
 Concen: 53.71 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion:	196	Resp:	240330
Ion Ratio	Lower	Upper	
196	100		
198	97.2	76.6	114.8
97	49.9	30.5	45.7#
132	30.4	20.2	30.2#

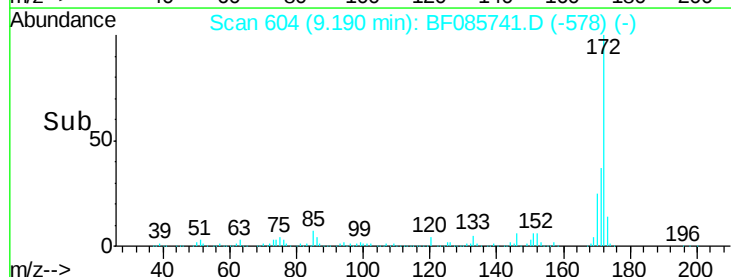
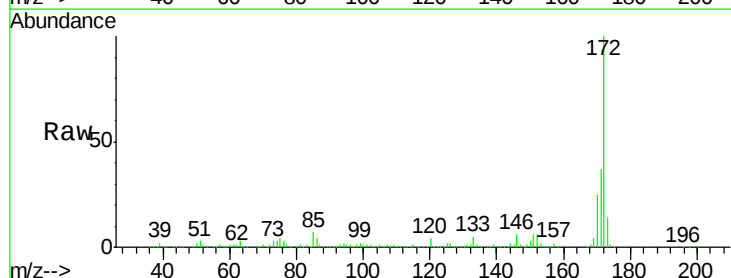
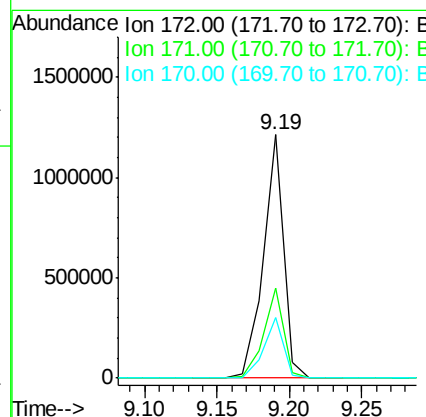
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#44
 2-Fluorobiphenyl
 Concen: 91.61 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion:	172	Resp:	1168078
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.2
170	25.0	19.8	29.6





#45

1,1'-Biphenyl

Concen: 49.42 ng

RT: 9.29 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

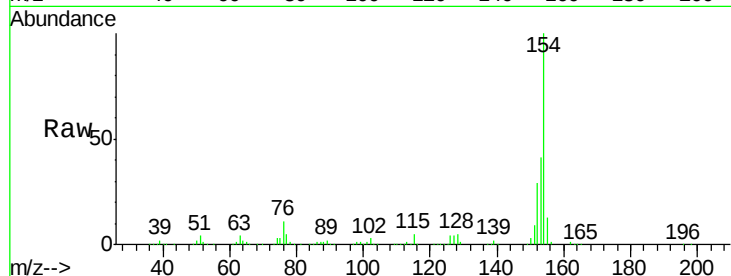
ClientSampleId :

GW-01(13-15)MSD

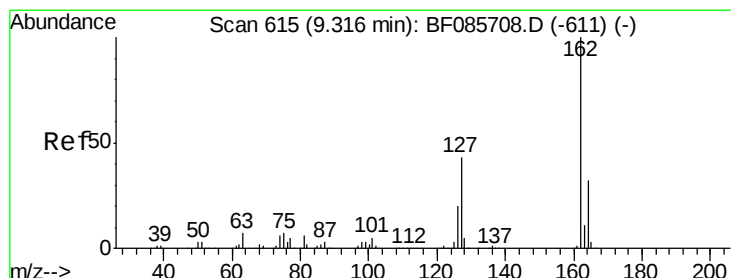
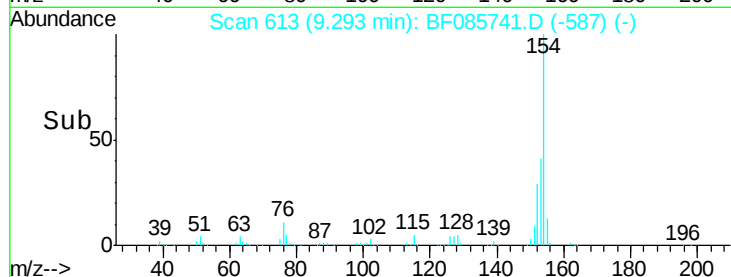
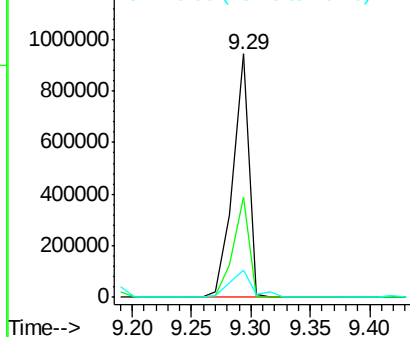
Tgt Ion:	154	Resp:	888456
Ion Ratio		Lower	Upper
154	100		
153	41.1	20.8	60.8
76	11.4	0.0	36.7

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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: 50.92 ng

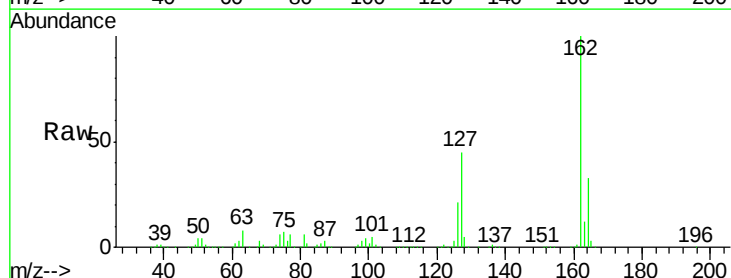
RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

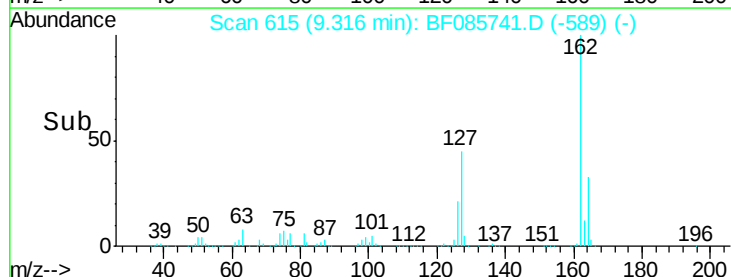
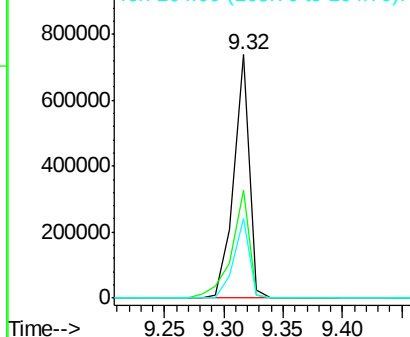
Lab File: BF085741.D

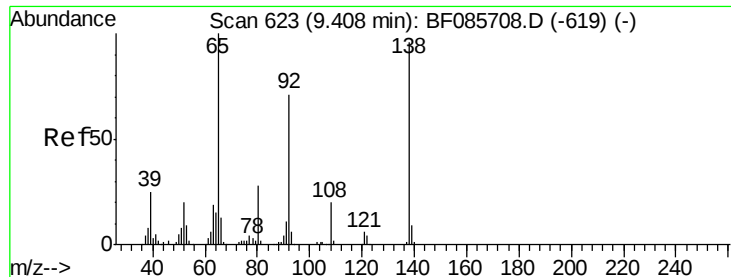
Acq: 25 Mar 2016 4:42

Tgt Ion:	162	Resp:	673054
Ion Ratio		Lower	Upper
162	100		
127	44.6	31.7	47.5
164	32.9	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: 55.66 ng

RT: 9.42 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MSD

Tgt Ion: 65 Resp: 224989

Ion Ratio Lower Upper

65 100

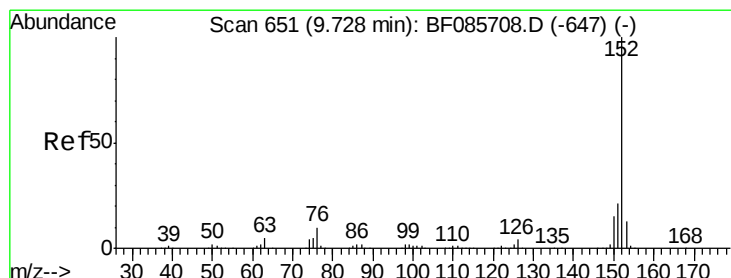
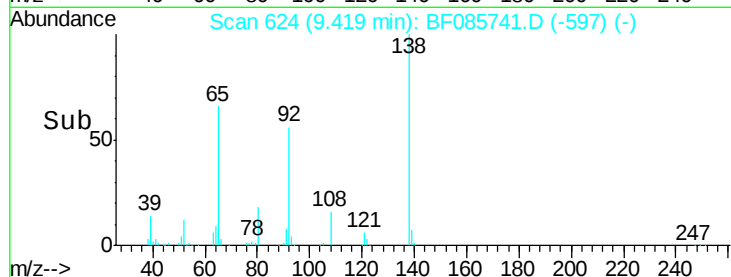
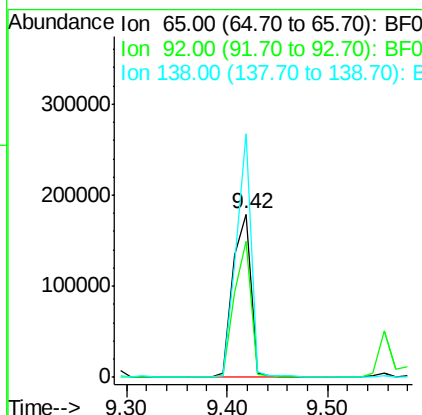
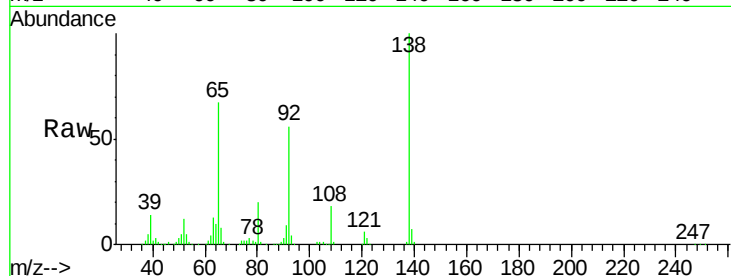
92 83.3 59.7 89.5

138 149.0 91.4 137.0#

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#48

Acenaphthylene

Concen: 46.30 ng

RT: 9.73 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

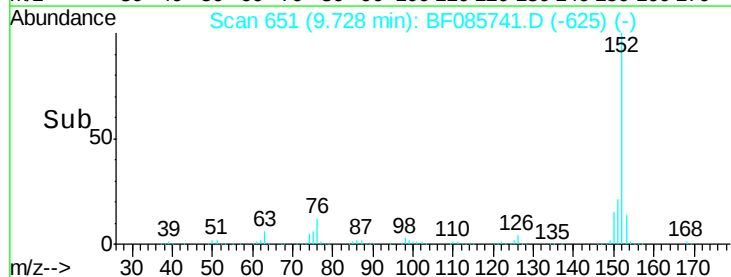
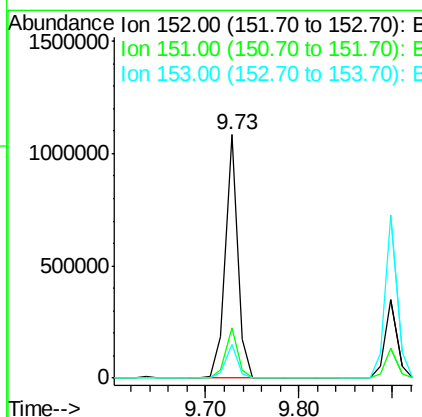
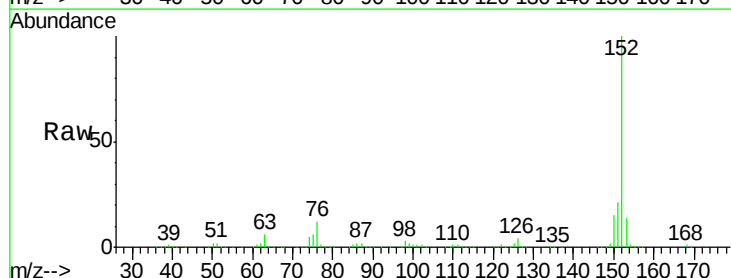
Tgt Ion: 152 Resp: 997270

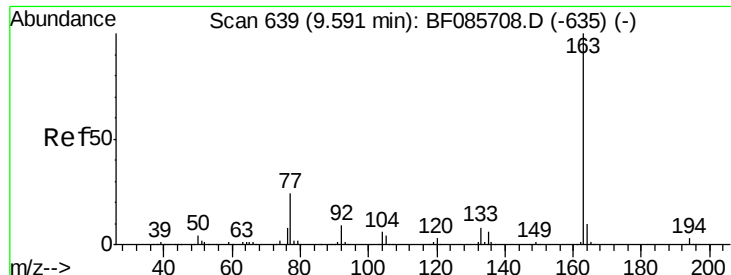
Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 13.6 10.9 16.3





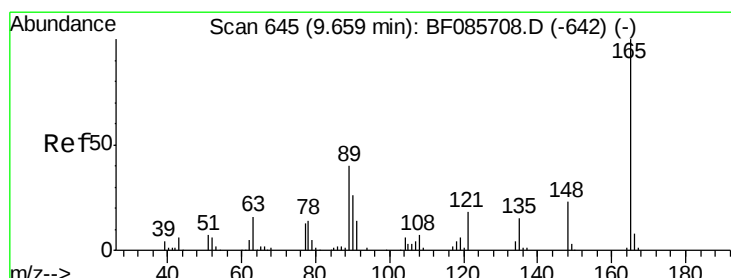
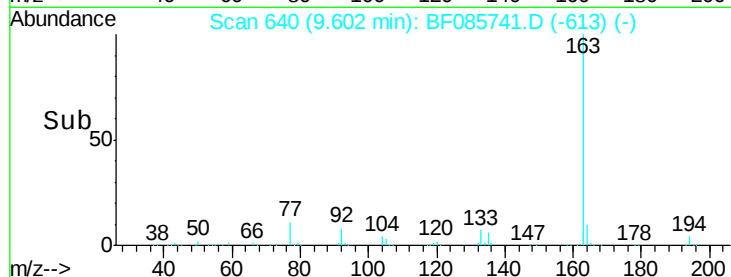
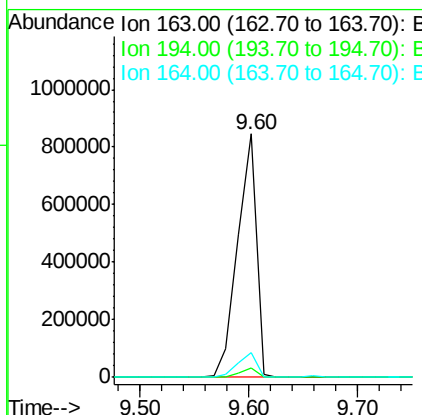
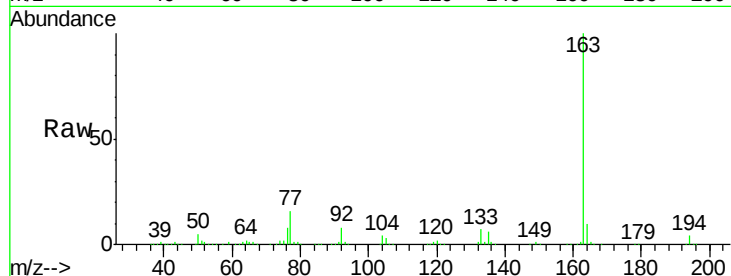
#49
Dimethylphthalate
Concen: 61.80 ng
RT: 9.60 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	998861		
194	3.8	2.9	4.3	
164	10.0	8.3	12.5	

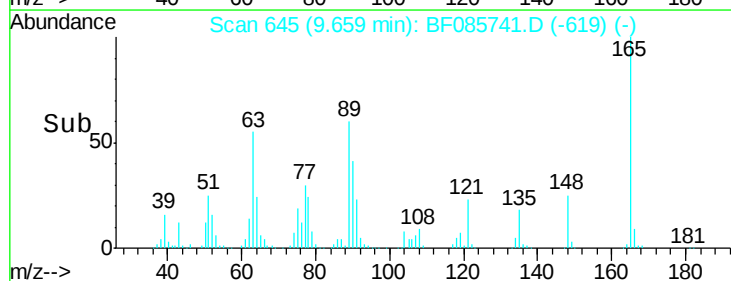
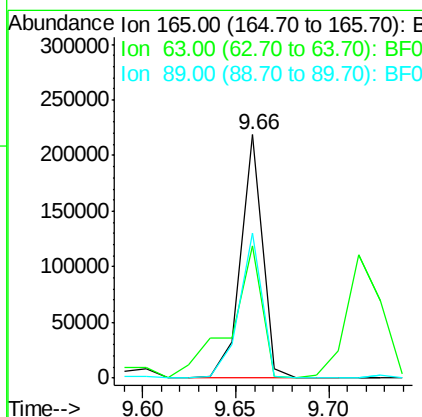
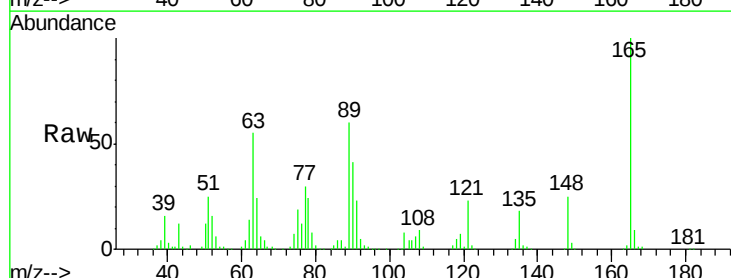
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 51.78 ng
RT: 9.66 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180152		
63	54.6	51.8	77.8	
89	59.5	53.7	80.5	





#51

Acenaphthene

Concen: 46.60 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085741.D

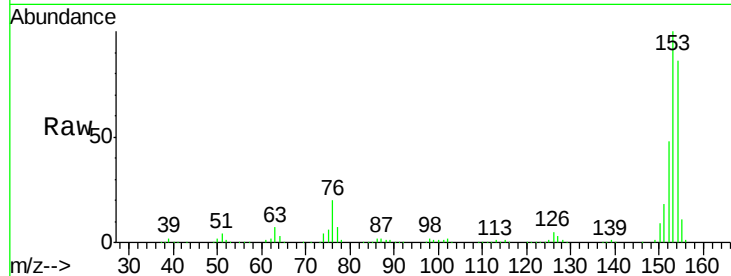
Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

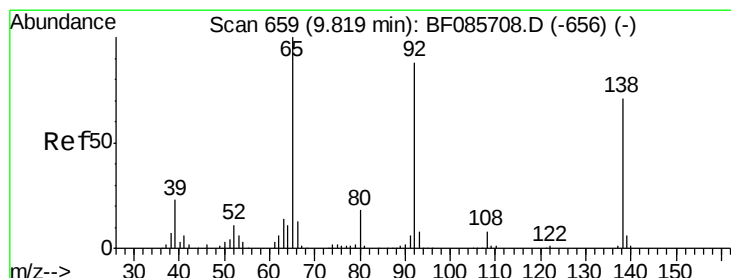
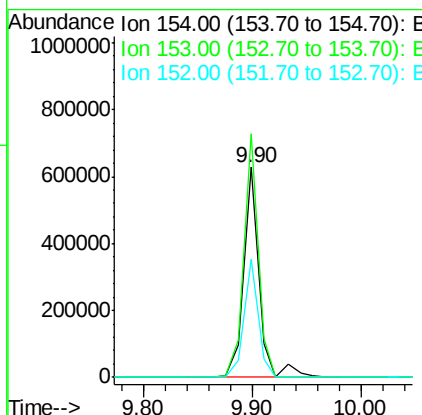
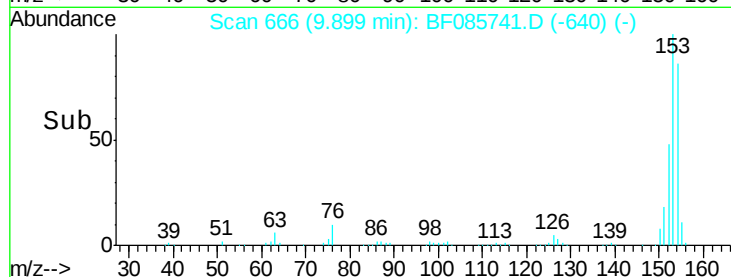
GW-01(13-15)MSD



Tgt Ion:	154	Resp:	613016
Ion Ratio	Lower	Upper	
154	100		
153	116.0	90.1	135.1
152	56.1	44.2	66.2

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#52

3-Nitroaniline

Concen: 27.38 ng

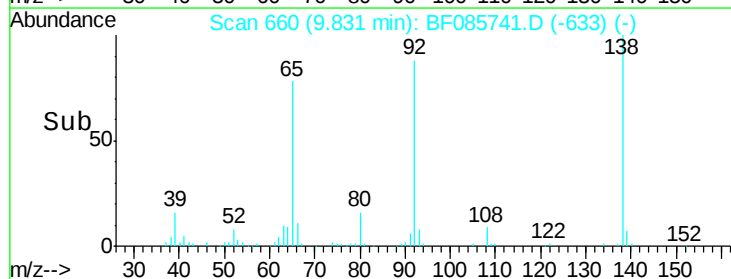
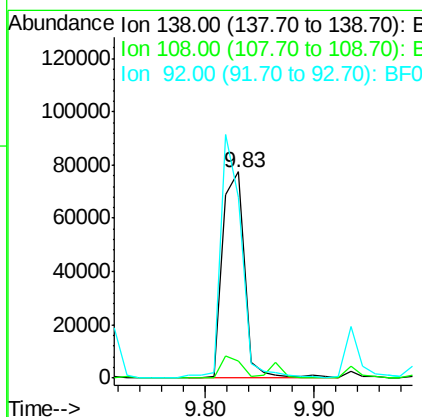
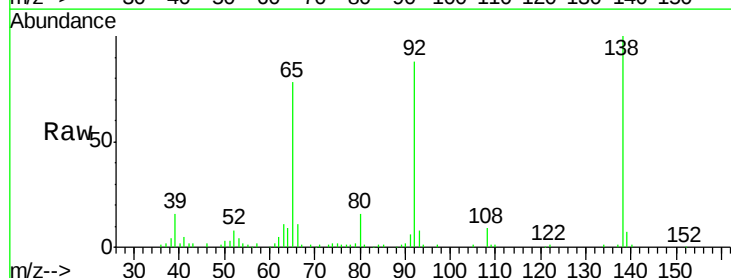
RT: 9.83 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

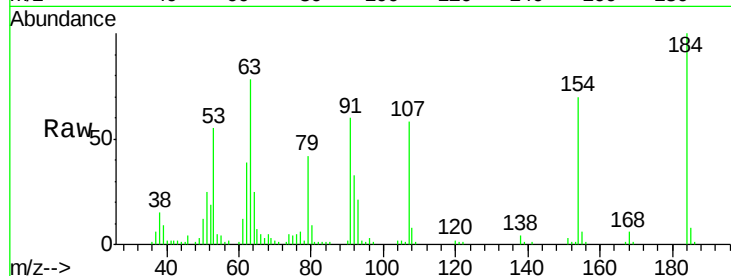
Tgt Ion:	138	Resp:	109023
Ion Ratio	Lower	Upper	
138	100		
108	8.5	8.7	13.1#
92	87.7	93.3	139.9#





#53
 2,4-Dinitrophenol
 Concen: 37.63 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

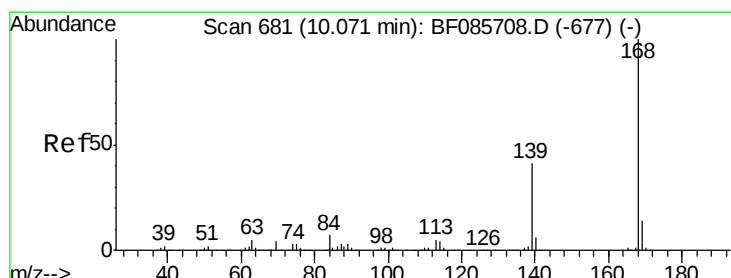
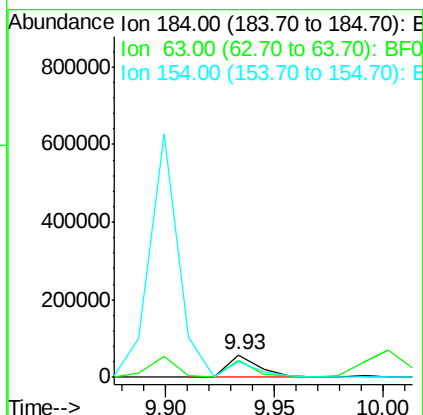
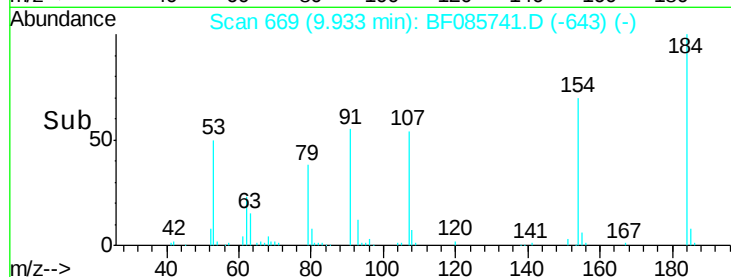
Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	60065		
63	77.8	69.5	104.3	
154	69.9	58.3	87.5	

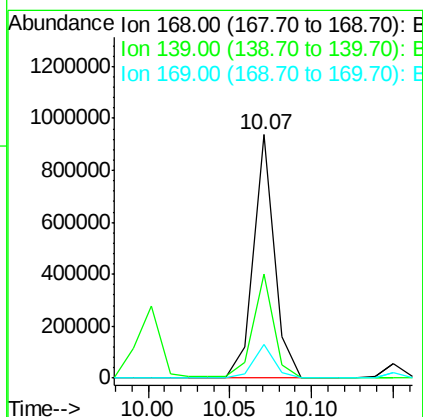
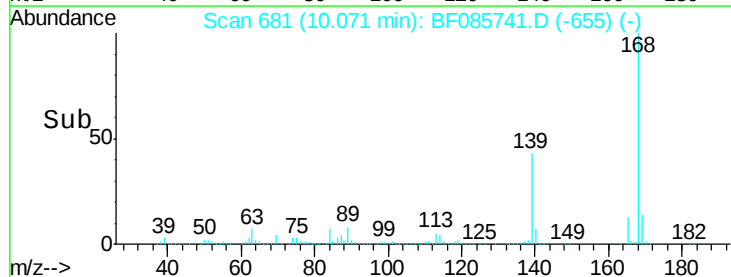
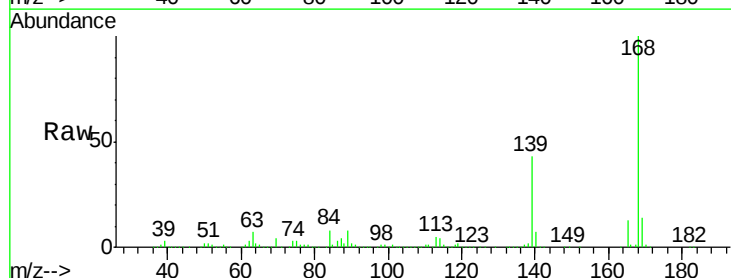
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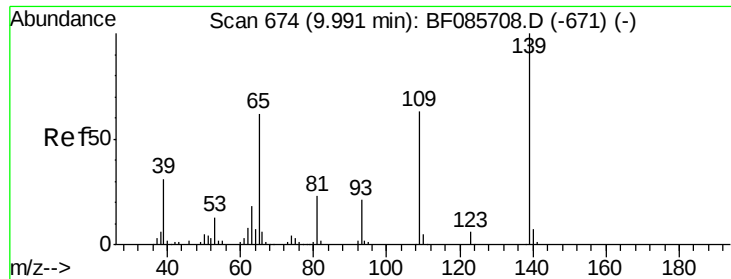
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#54
 Dibenzofuran
 Concen: 49.30 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	839530		
139	42.9	31.9	47.9	
169	13.9	11.0	16.6	





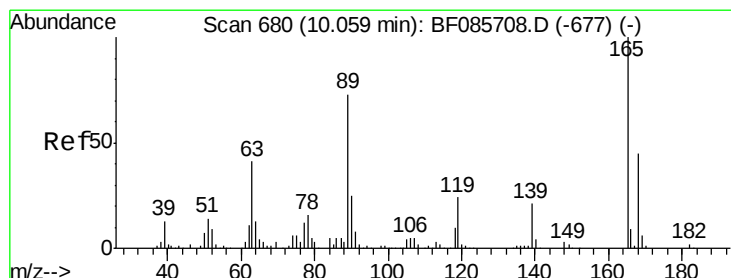
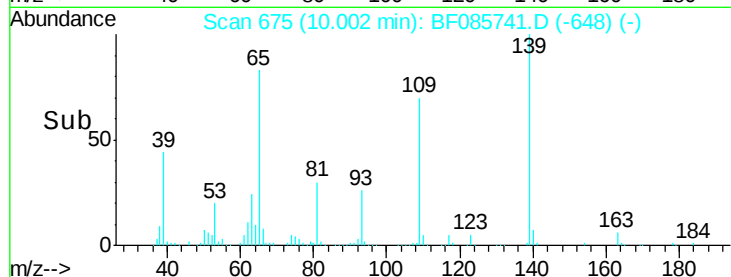
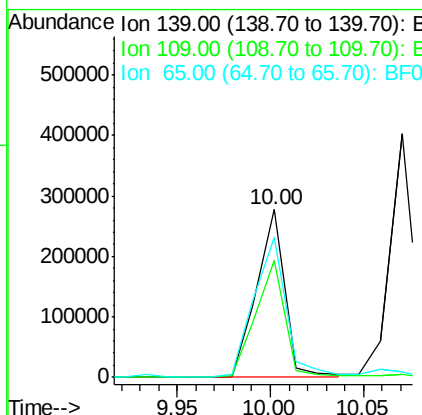
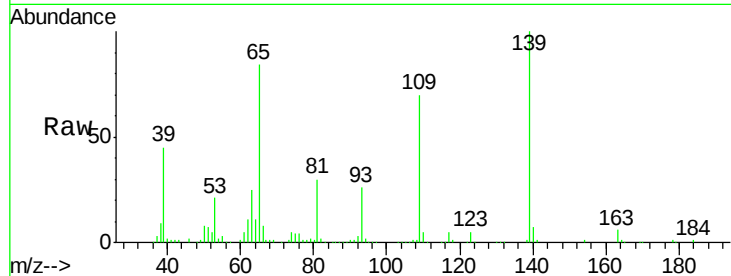
#55
4-Nitrophenol
Concen: 111.95 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	290428		
109	69.8	49.2	89.2	
65	83.6	66.9	106.9	

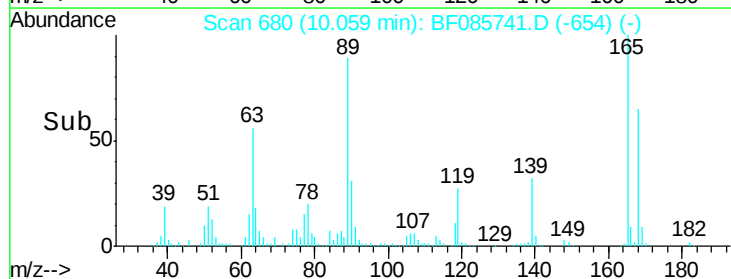
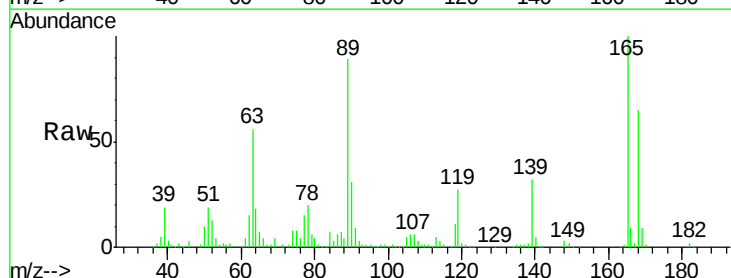
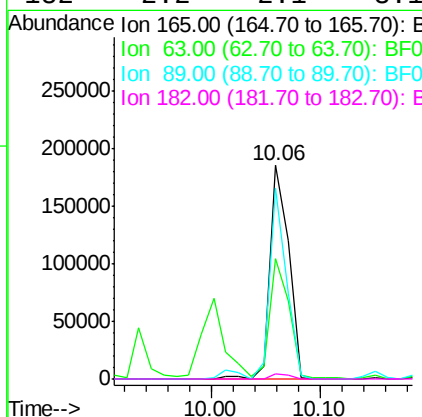
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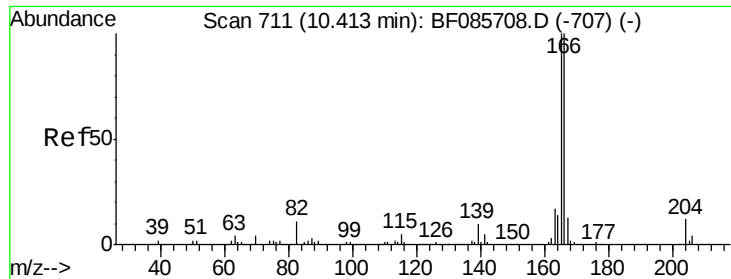
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#56
2,4-Dinitrotoluene
Concen: 50.18 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221870		
63	56.4	24.9	37.3#	
89	89.4	41.0	61.6#	
182	2.2	2.1	3.1	





#57

Fluorene

Concen: 47.30 ng

RT: 10.41 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF085741.D

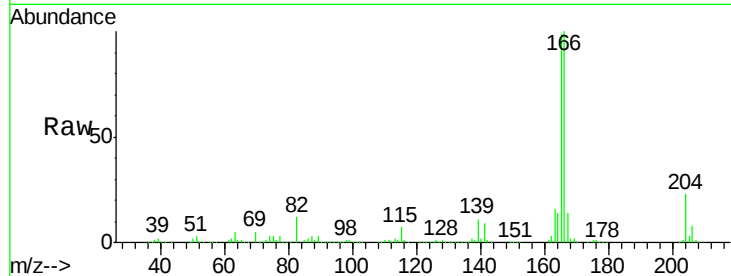
Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

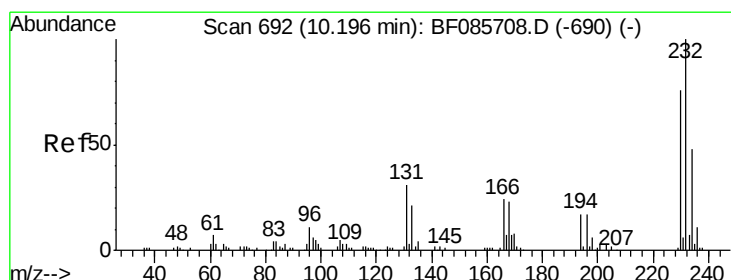
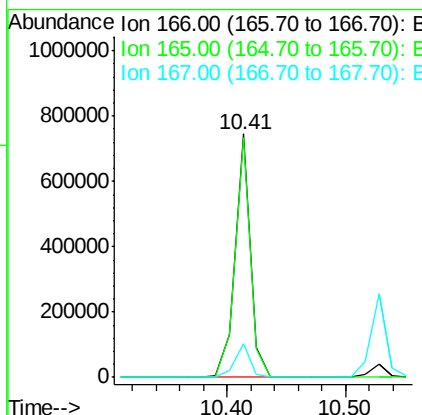
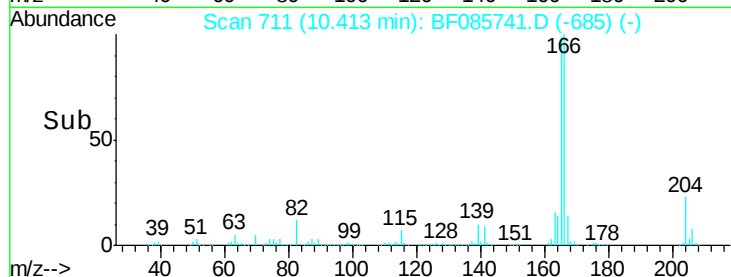
GW-01(13-15)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	669438		
165	98.6	79.4	119.0	
167	13.6	11.0	16.4	

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#58

2,3,4,6-Tetrachlorophenol

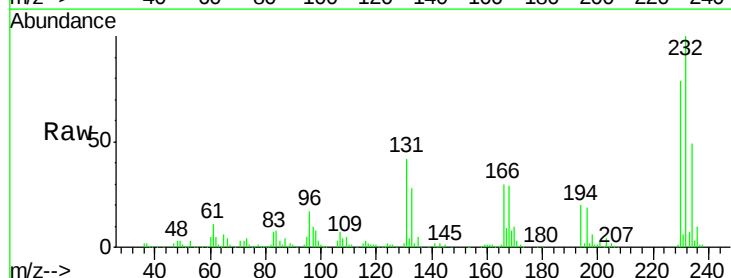
Concen: 59.88 ng

RT: 10.20 min Scan# 692

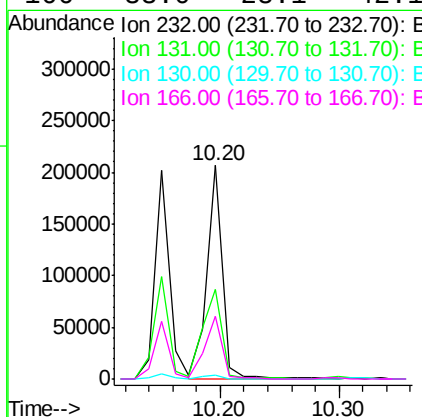
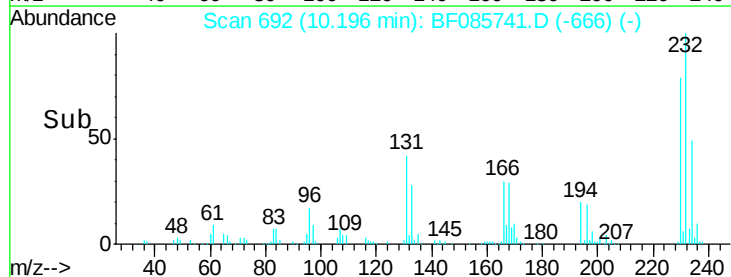
Delta R.T. 0.00 min

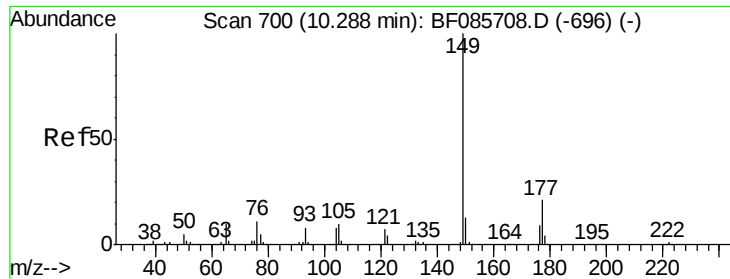
Lab File: BF085741.D

Acq: 25 Mar 2016 4:42



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	186210		
131	53.8	44.9	67.3	
130	2.7	2.3	3.5	
166	33.0	28.1	42.1	





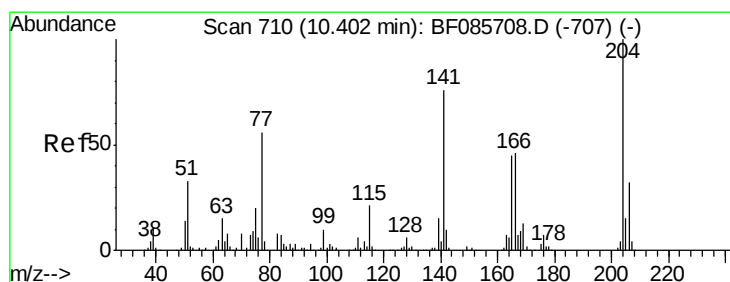
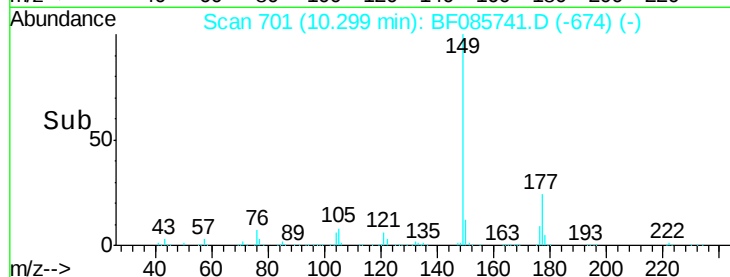
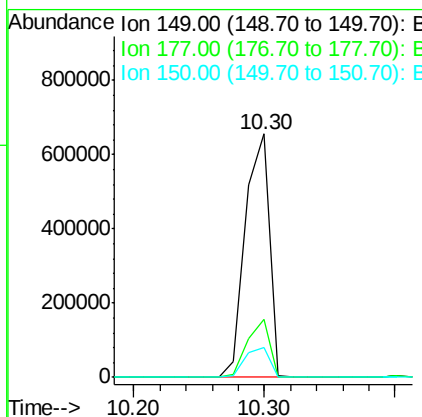
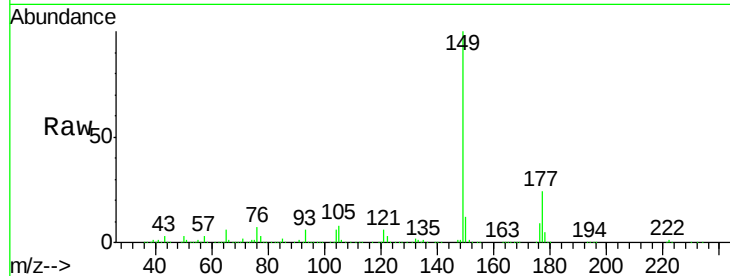
#59
Diethylphthalate
Concen: 52.56 ng
RT: 10.30 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	839279		
177	24.1	17.9	26.9	
150	12.4	10.2	15.2	

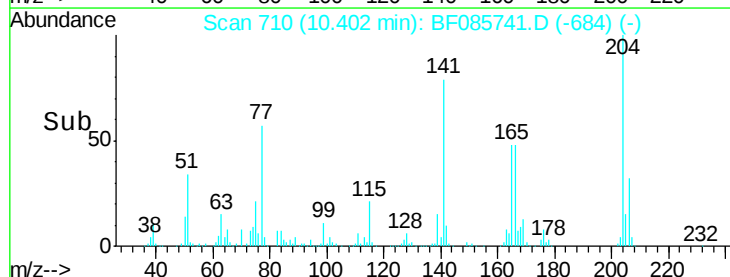
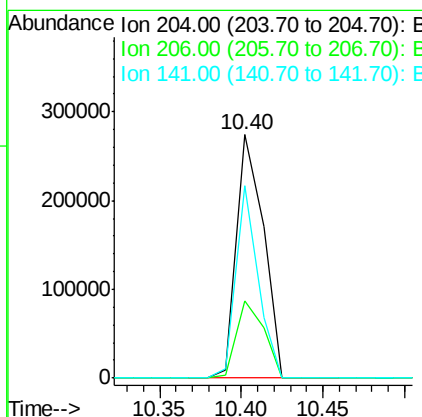
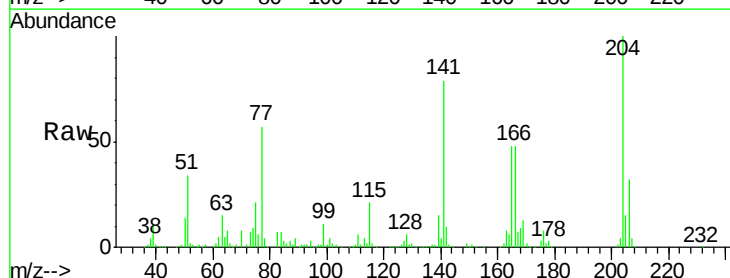
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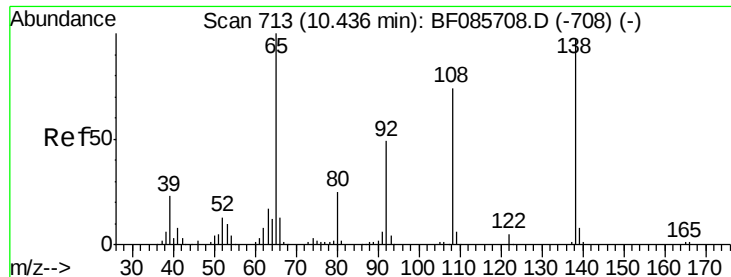
Sohil
3/25/2016 3:04:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.19 ng
RT: 10.40 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	312733		
206	31.9	26.6	39.8	
141	78.9	57.4	86.0	





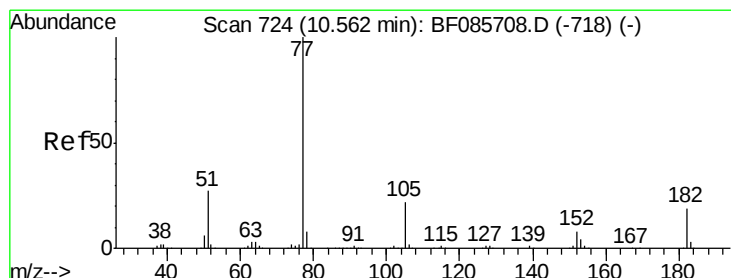
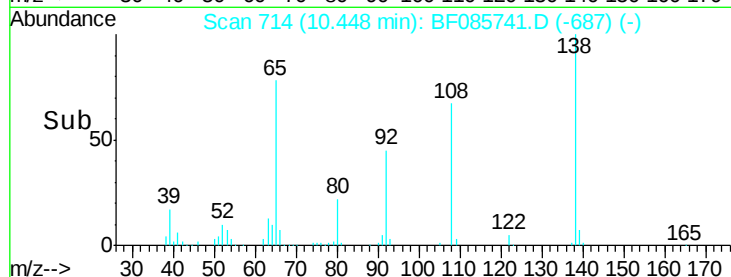
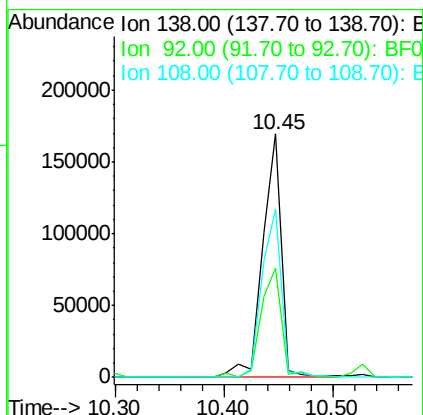
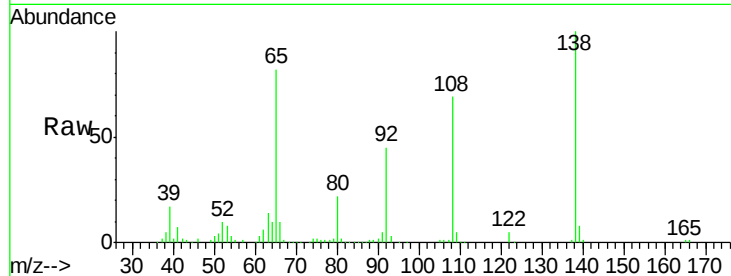
#61
4-Nitroaniline
Concen: 53.95 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205499		
92	45.0	26.4	66.4	
108	68.8	49.0	89.0	

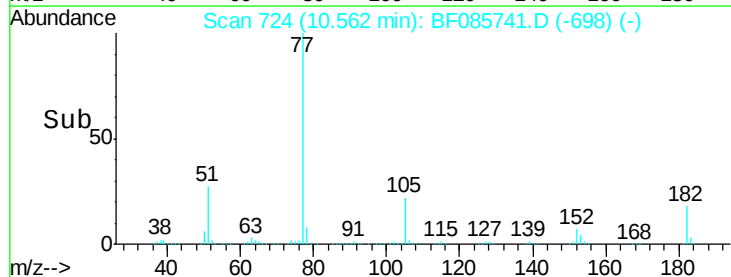
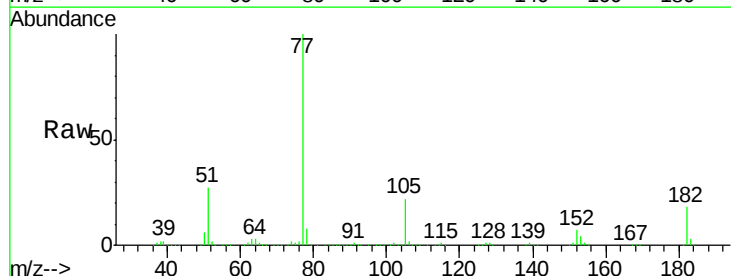
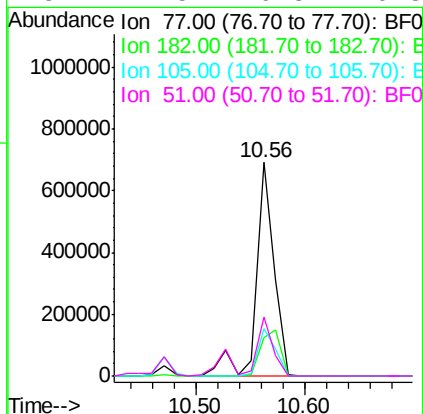
Manual Integrations
APPROVED

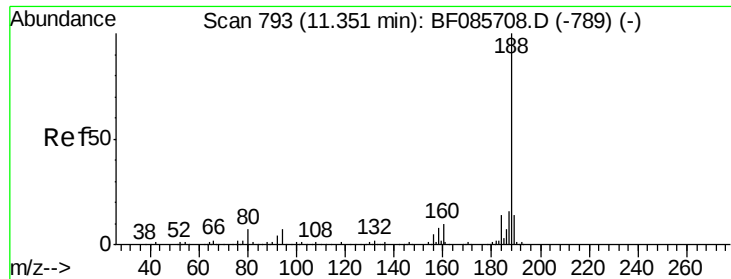
Sohil
3/25/2016 3:04:41 PM



#62
Azobenzene
Concen: 52.19 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	800891		
182	18.1	1.9	41.9	
105	22.1	3.5	43.5	
51	27.5	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)MSD

Tgt Ion:188 Resp: 411752
Ion Ratio Lower Upper

188 100

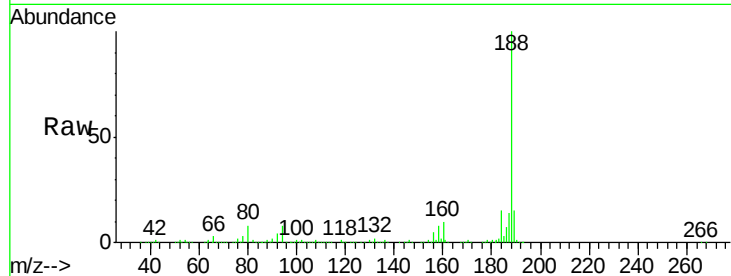
94 8.1 5.4 8.0#

80 8.4 5.5 8.3#

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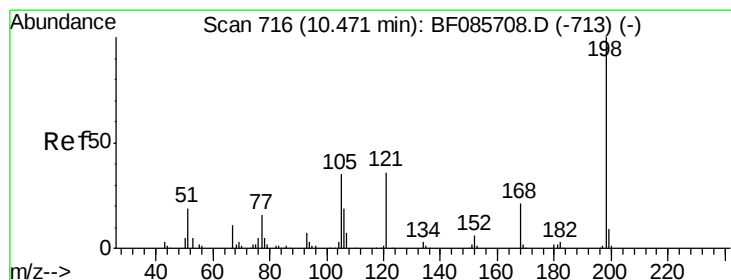
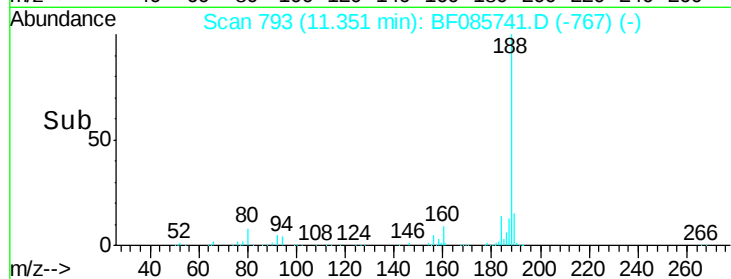
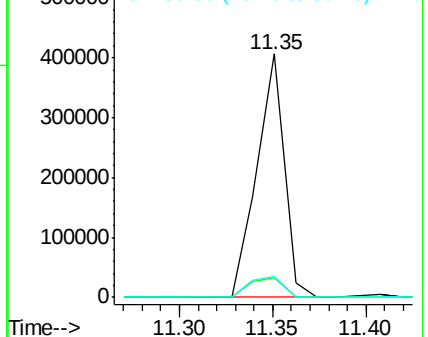
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.63 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085741.D

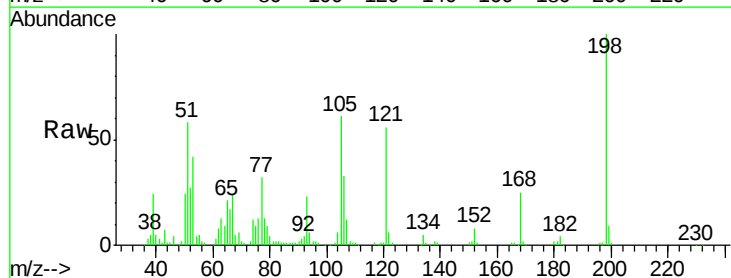
Acq: 25 Mar 2016 4:42

Tgt Ion:198 Resp: 95552
Ion Ratio Lower Upper

198 100

51 58.4 45.4 85.4

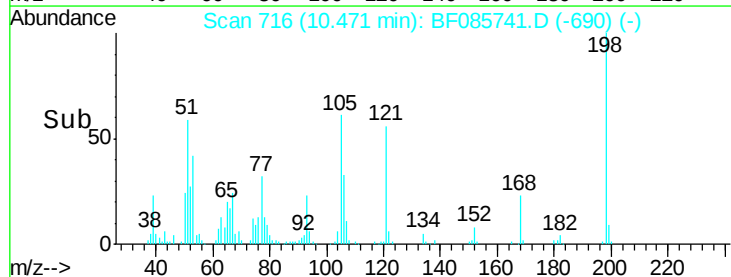
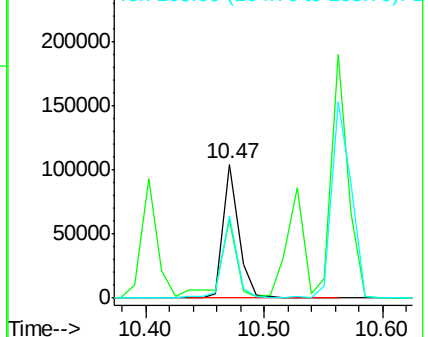
105 61.2 45.9 85.9

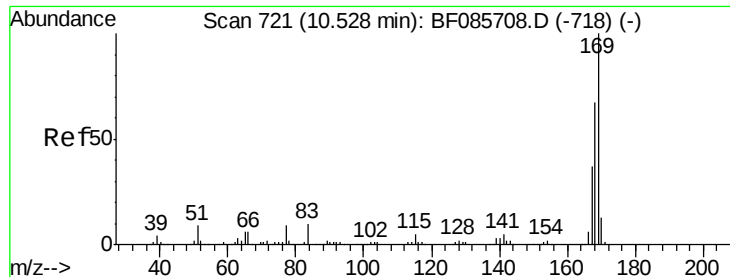


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





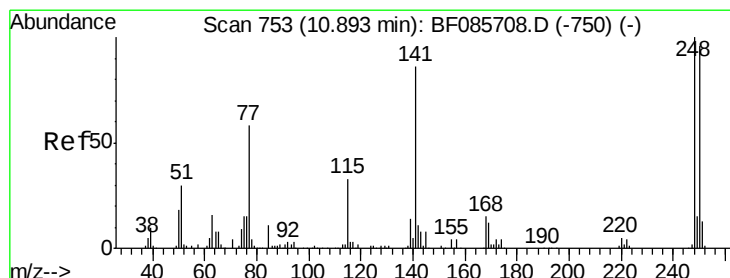
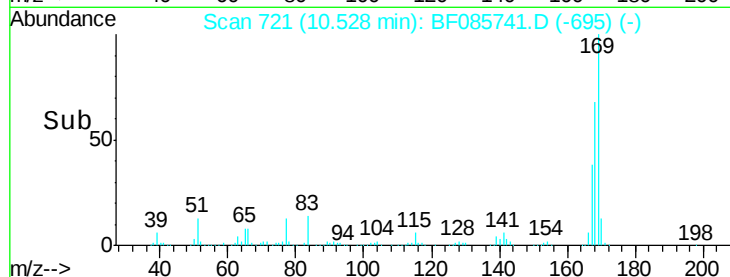
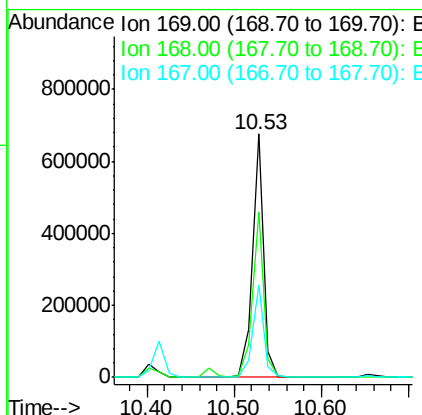
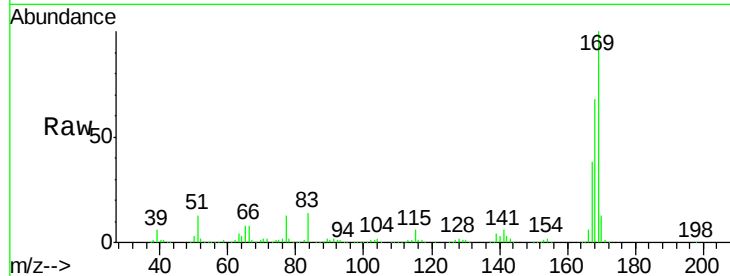
#65
n-Nitrosodiphenylamine
Concen: 47.28 ng
RT: 10.53 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	616600		
168	68.0	54.4	81.6	
167	37.9	29.4	44.0	

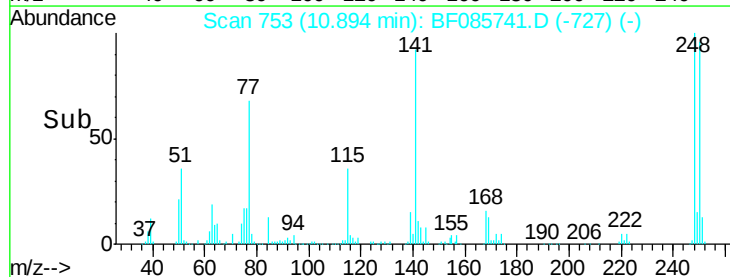
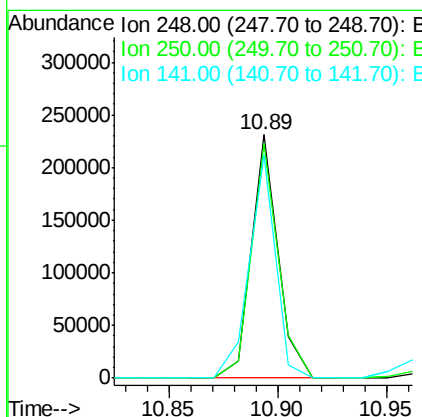
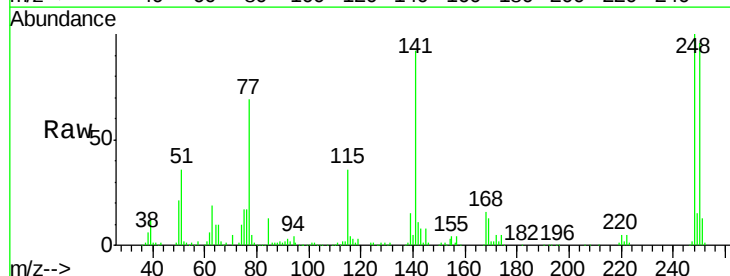
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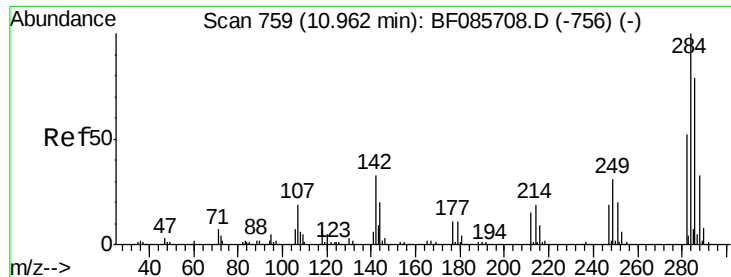
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 46.86 ng
RT: 10.89 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	197414		
250	96.2	77.4	116.0	
141	91.8	63.6	95.4	





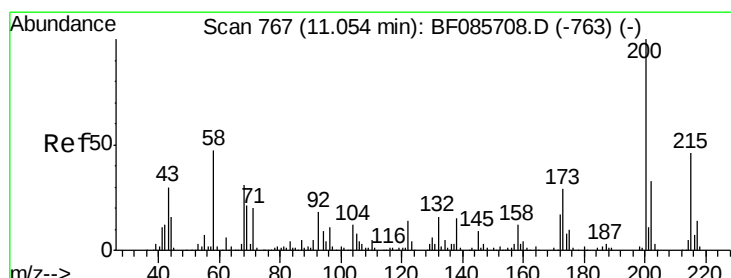
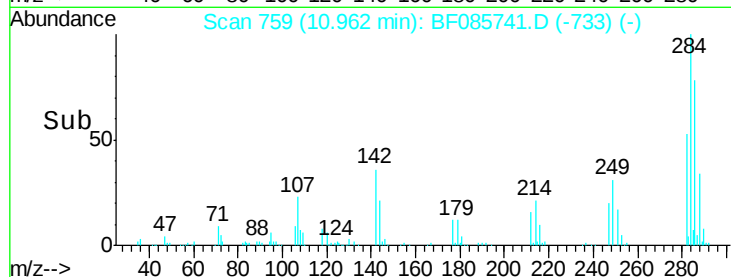
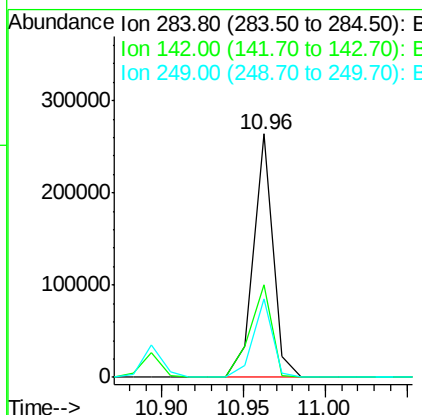
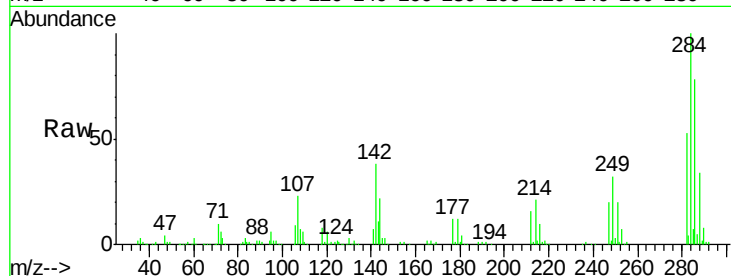
#67
Hexachlorobenzene
Concen: 49.96 ng
RT: 10.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	38.0	23.1	34.7#
249	32.5	24.2	36.2

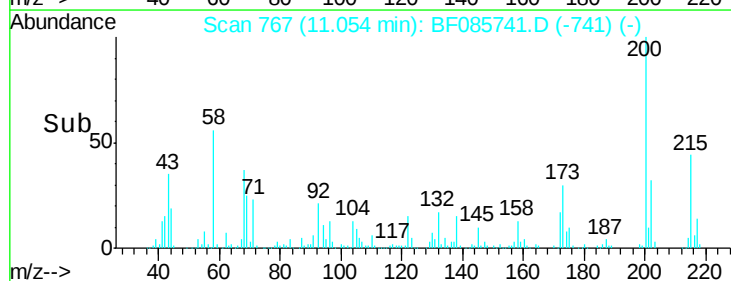
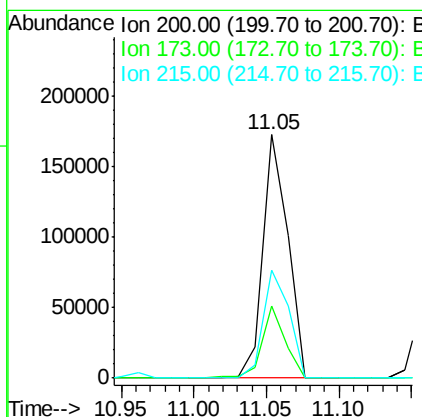
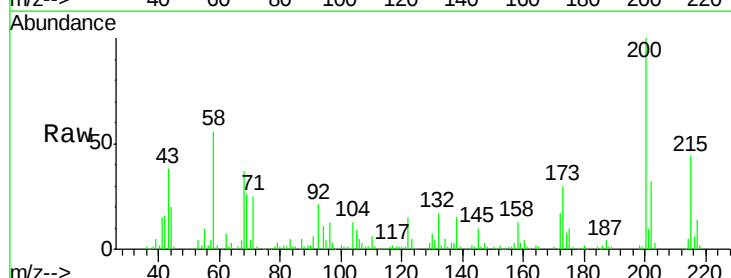
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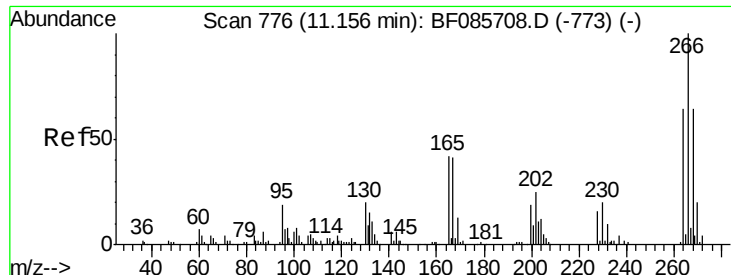
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#68
Atrazine
Concen: 46.38 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.8	7.7	47.7
215	44.2	25.4	65.4





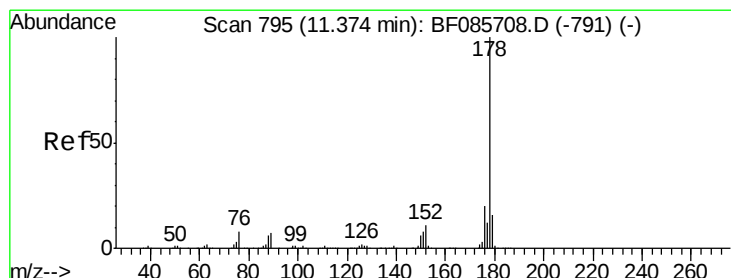
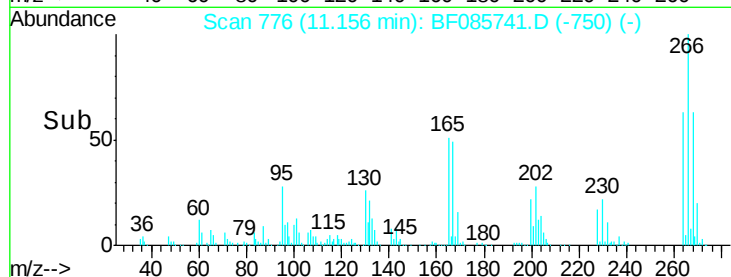
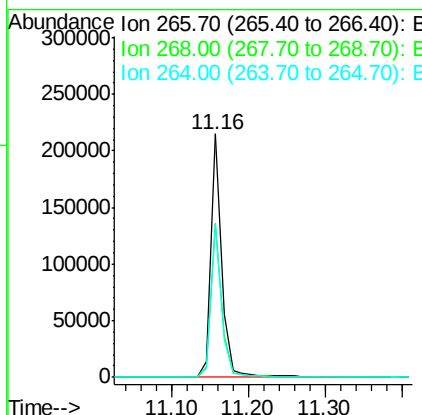
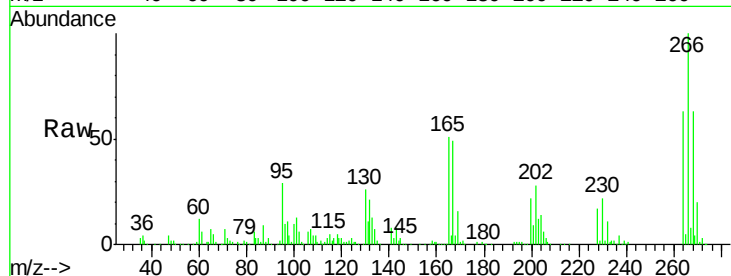
#69
 Pentachlorophenol
 Concen: 97.01 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	209806		
268	63.1	51.5	77.3	
264	62.9	50.6	76.0	

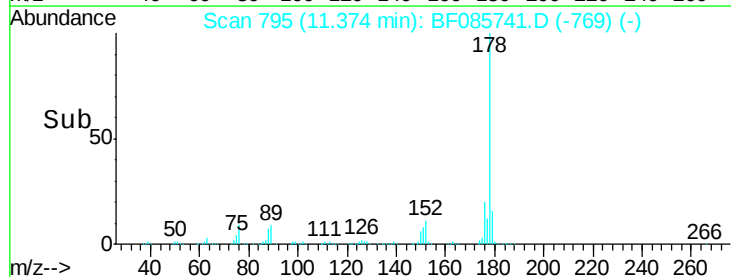
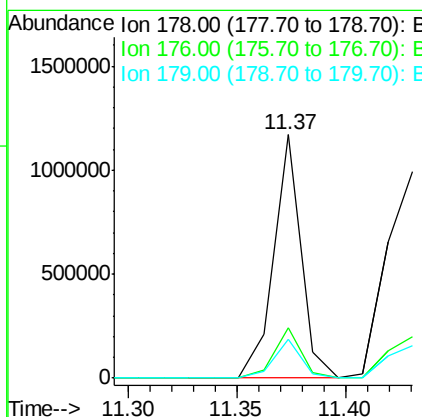
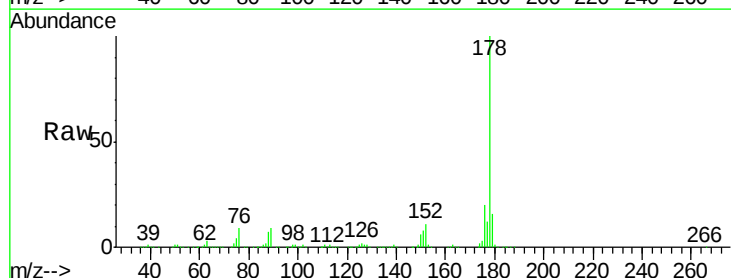
Manual Integrations
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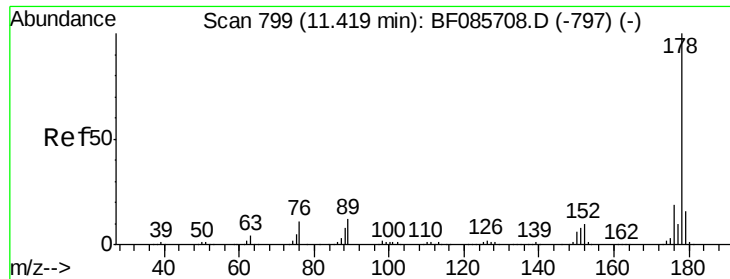
Sohil
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#70
 Phenanthrene
 Concen: 49.06 ng
 RT: 11.37 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1037143		
176	20.4	16.3	24.5	
179	15.9	12.6	18.8	





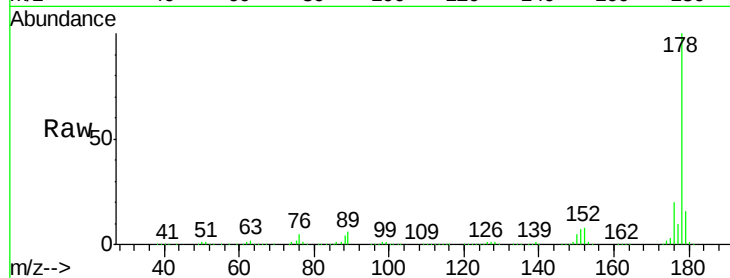
#71
 Anthracene
 Concen: 52.16 ng
 RT: 11.43 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

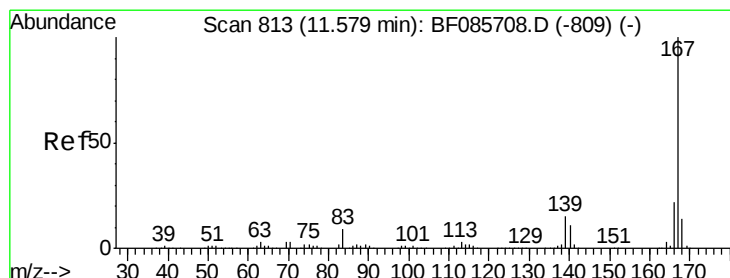
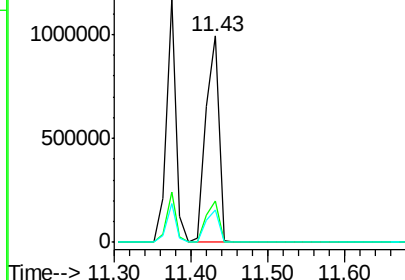
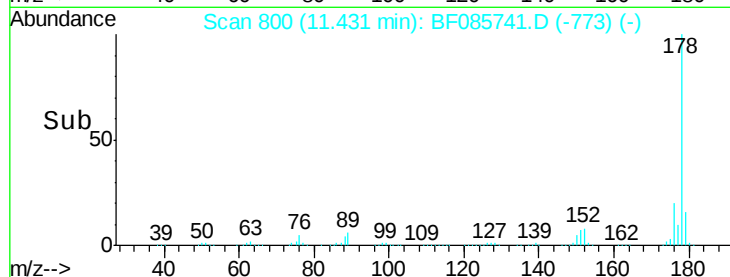
Tgt Ion:178 Resp: 1157612
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.6 13.0 19.4

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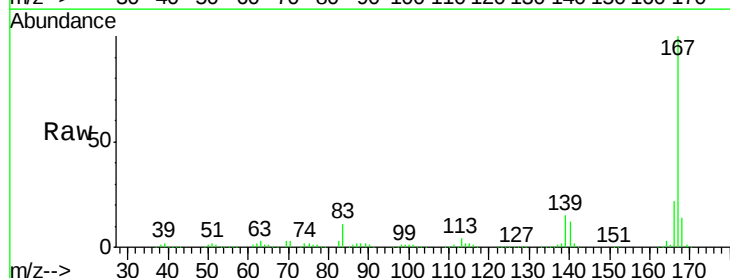


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

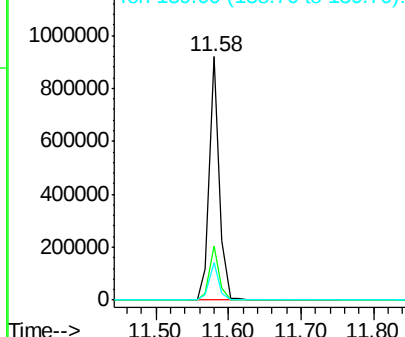
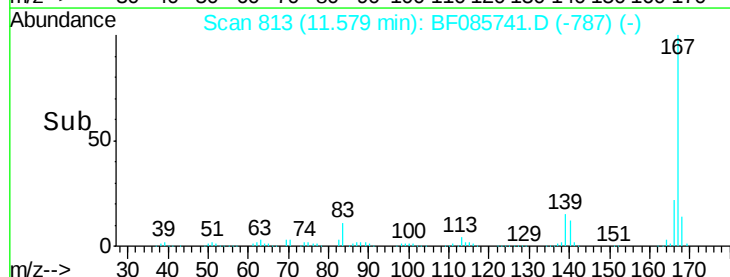


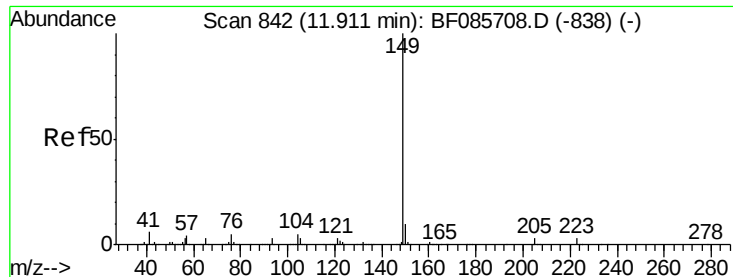
#72
 Carbazole
 Concen: 47.44 ng
 RT: 11.58 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion:167 Resp: 883994
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 15.4 11.6 17.4



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





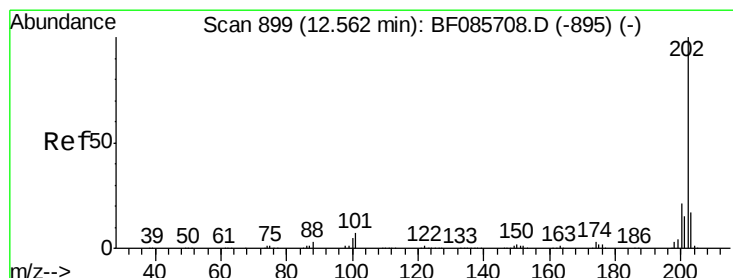
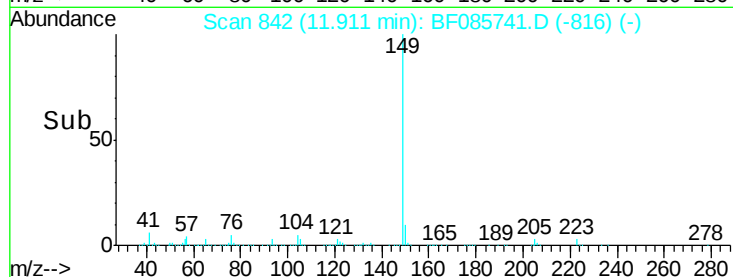
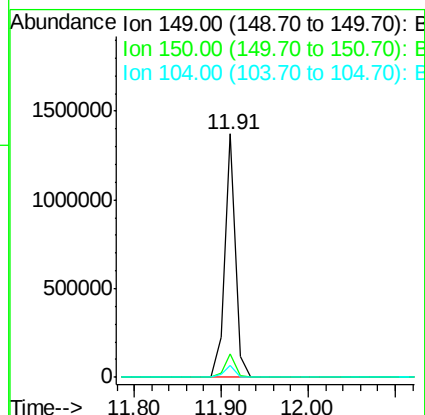
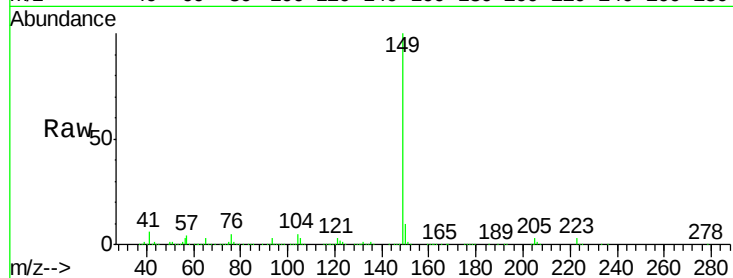
#73
Di-n-butylphthalate
Concen: 46.17 ng
RT: 11.91 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion:149 Resp: 1180607
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 5.0 3.8 5.8

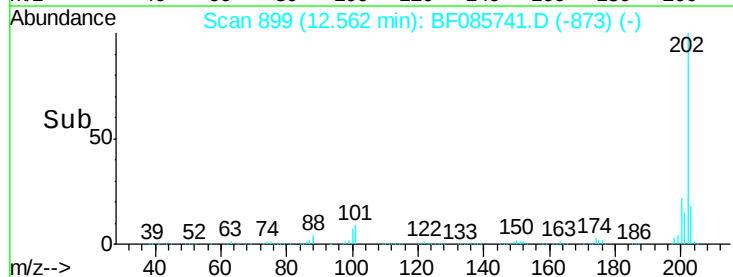
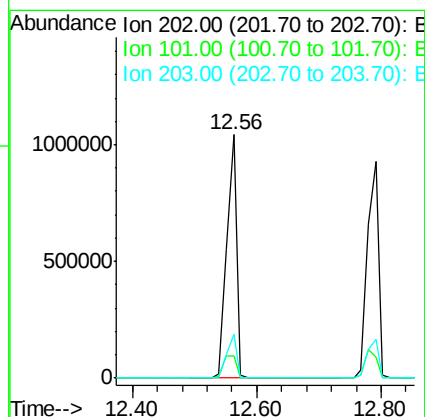
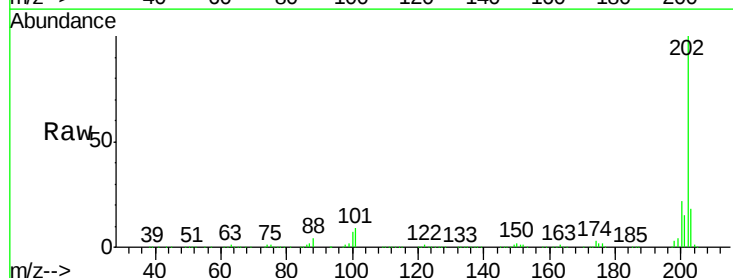
Manual Integrations
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#74
Fluoranthene
Concen: 50.11 ng
RT: 12.56 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion:202 Resp: 1126050
Ion Ratio Lower Upper
202 100
101 9.0 0.0 36.6
203 17.9 0.0 38.1





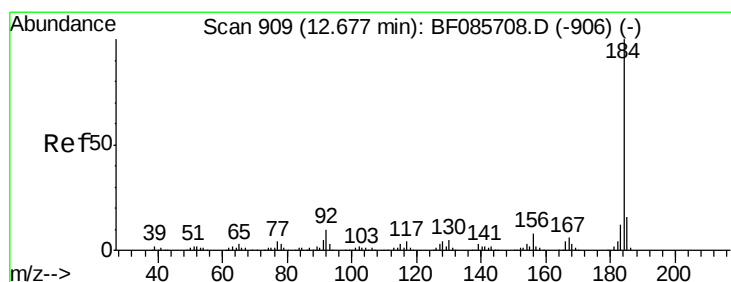
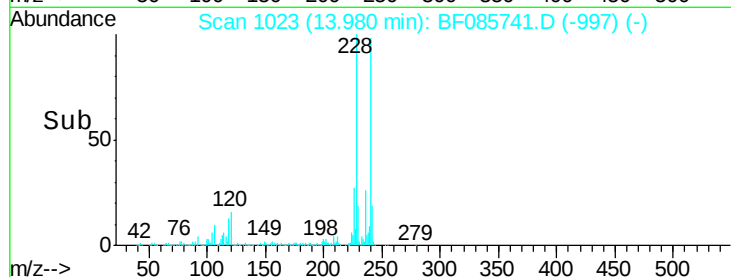
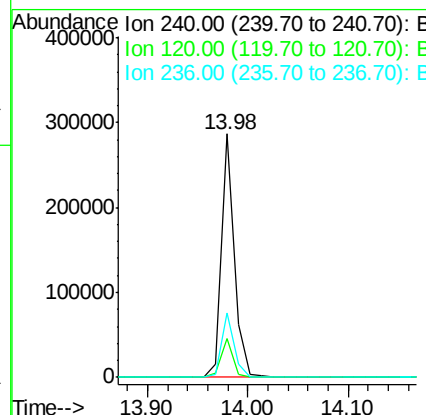
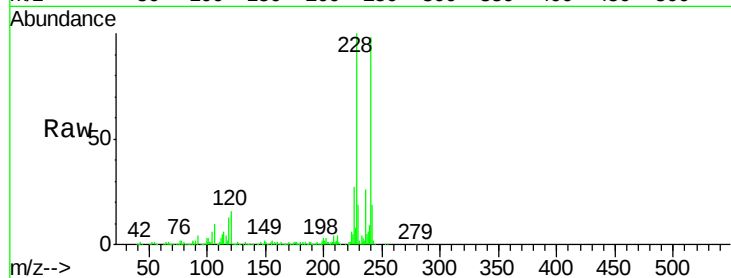
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	254594		
120	15.8	13.8	20.8	
236	26.5	20.6	30.8	

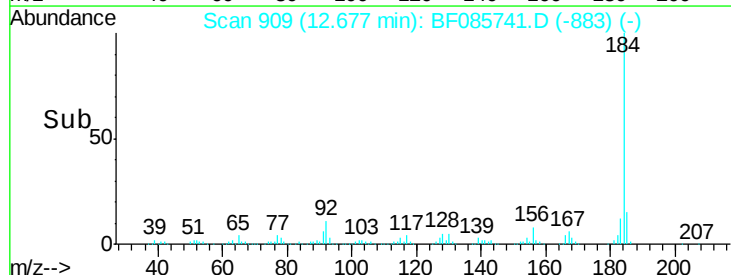
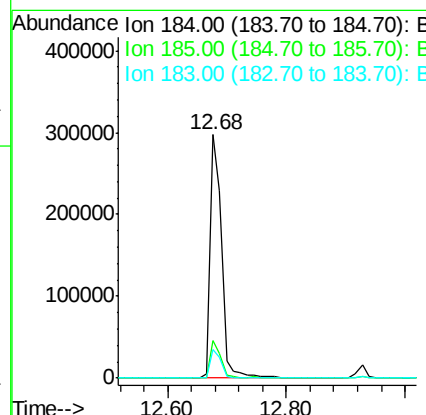
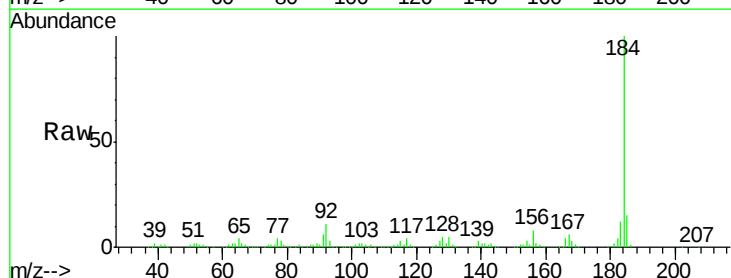
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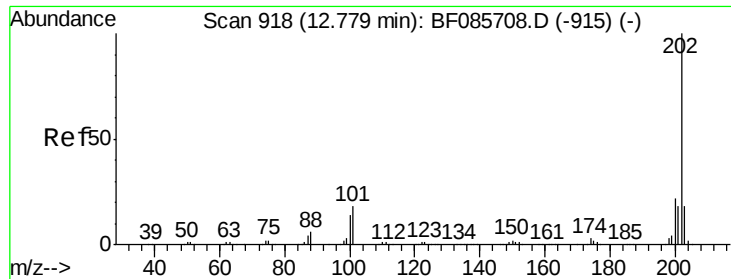
Sohil
3/25/2016 3:04:41 PM



#76
Benzidine
Concen: 44.89 ng
RT: 12.68 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	402472		
185	15.3	12.4	18.6	
183	11.8	9.4	14.2	





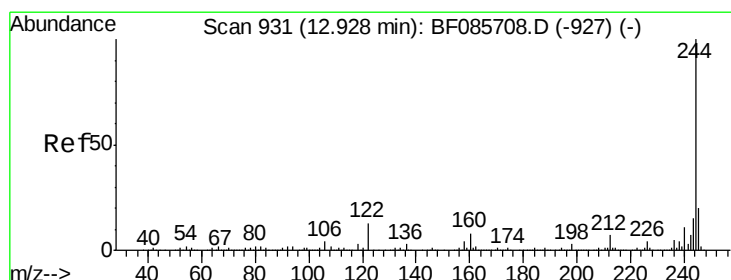
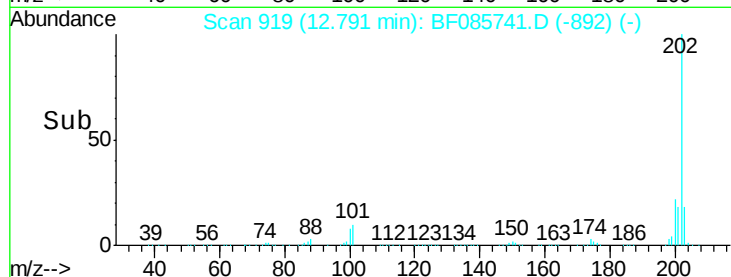
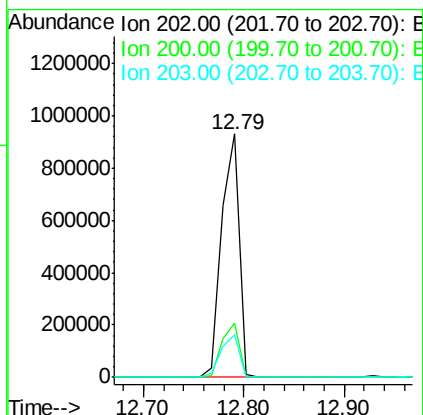
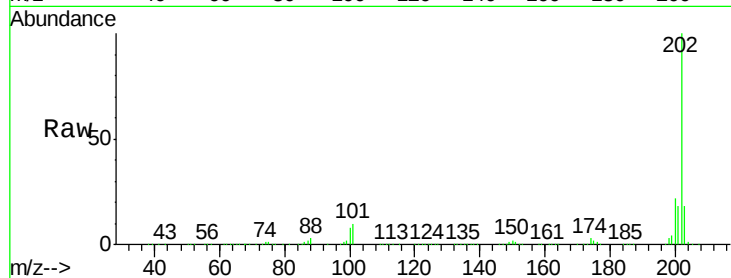
#77
 Pyrene
 Concen: 53.89 ng
 RT: 12.79 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.7	14.0	21.0

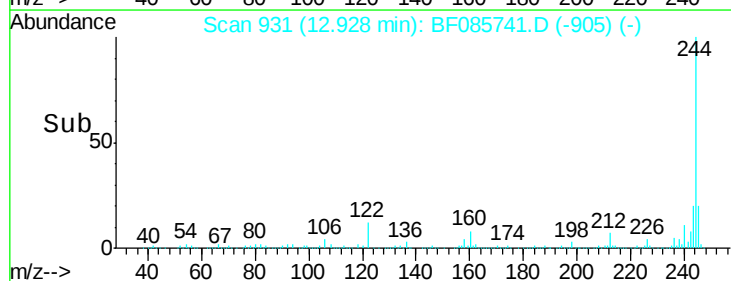
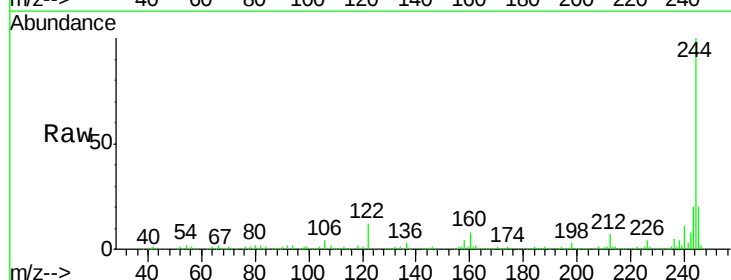
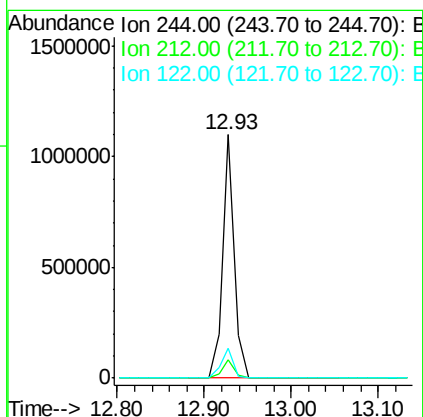
Manual Integrations
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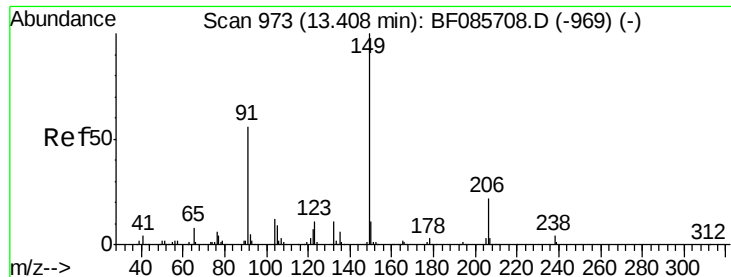
Sohil
 3/25/2016 3:04:41 PM



#78
 Terphenyl-d14
 Concen: 83.36 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.3	10.2	15.4





#79

Butylbenzylphthalate

Concen: 56.63 ng

RT: 13.41 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF085741.D

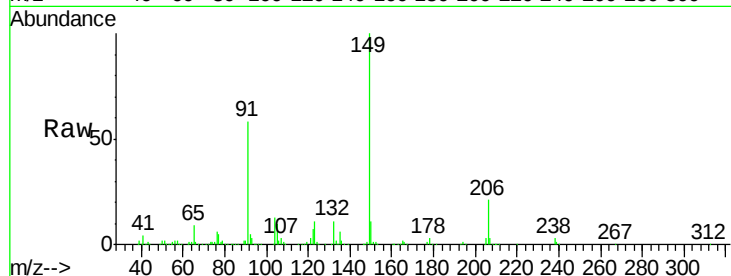
Acq: 25 Mar 2016 4:42

Instrument :

BNA_F

ClientSampleId :

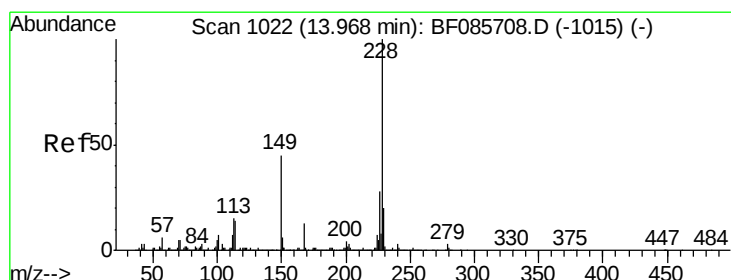
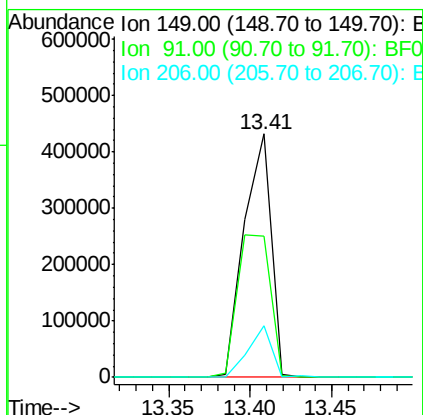
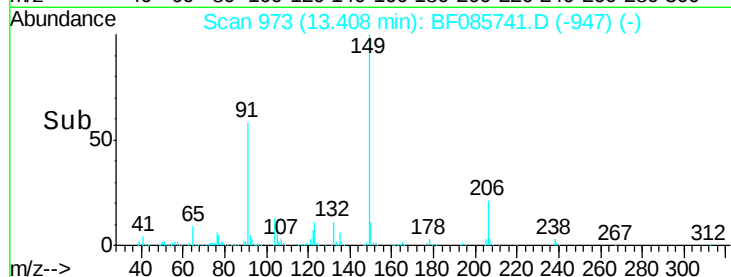
GW-01(13-15)MSD



Tgt Ion:	149	Resp:	496324
Ion Ratio	Lower	Upper	
149	100		
91	58.0	45.8	68.8
206	21.3	17.8	26.8

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#80

Benzo(a)anthracene

Concen: 49.66 ng

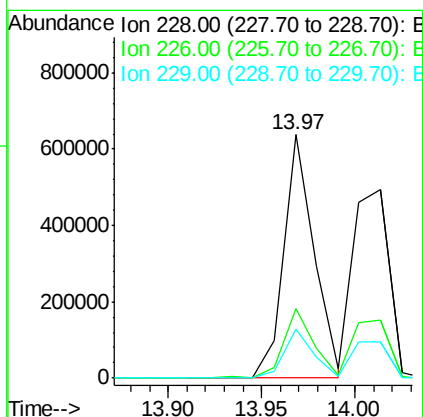
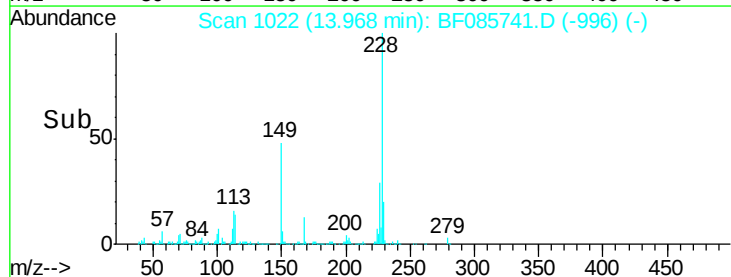
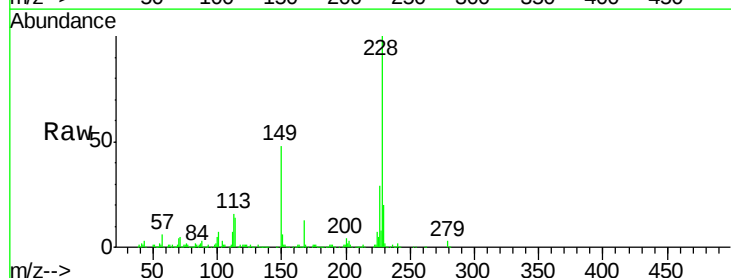
RT: 13.97 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF085741.D

Acq: 25 Mar 2016 4:42

Tgt Ion:	228	Resp:	720907
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.1	33.1
229	20.1	16.2	24.4





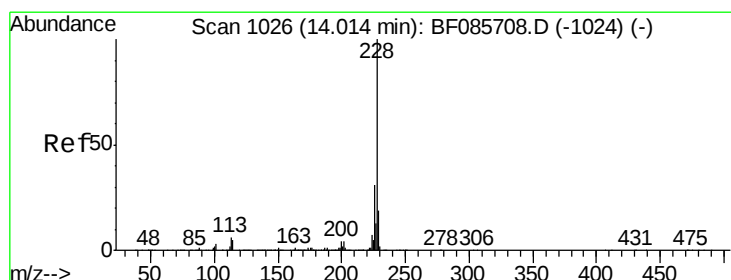
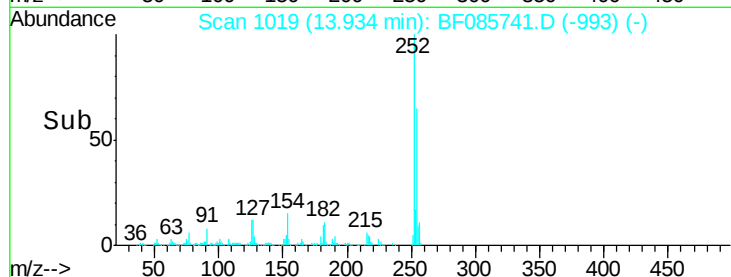
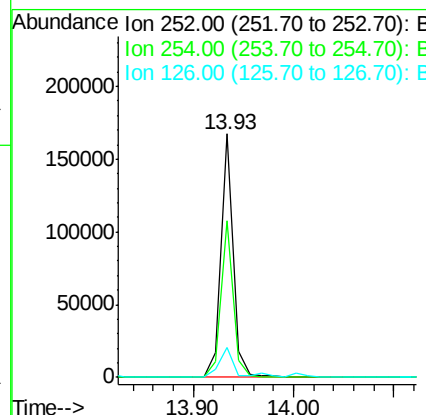
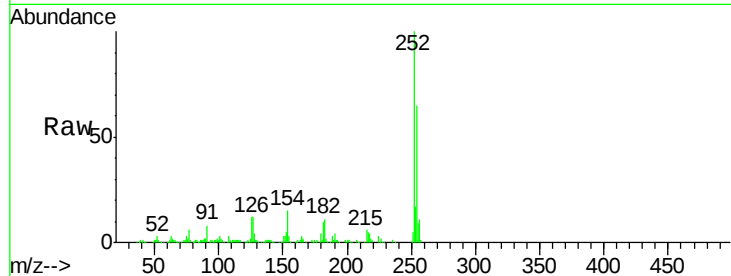
#81
 3,3'-Dichlorobenzidine
 Concen: 14.16 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	142663		
254	64.5	50.7	76.1	
126	12.3	11.8	17.6	

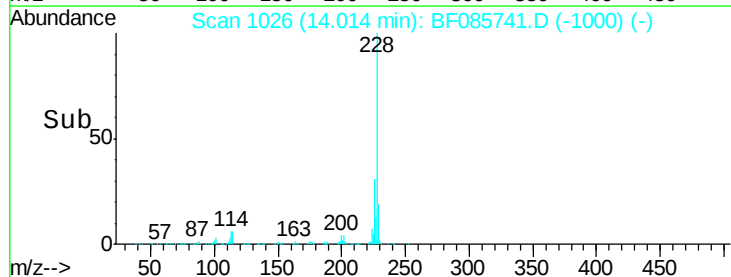
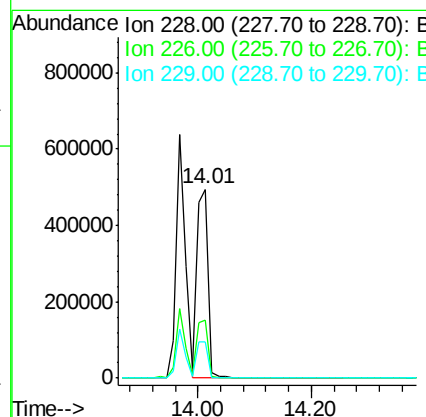
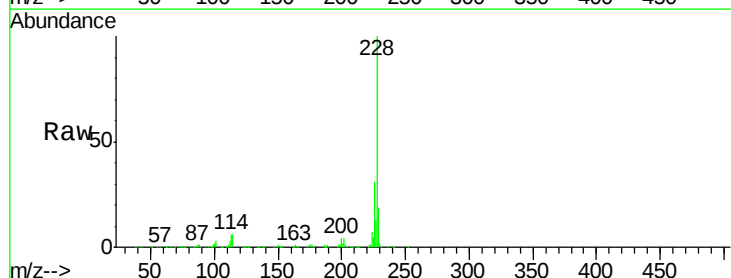
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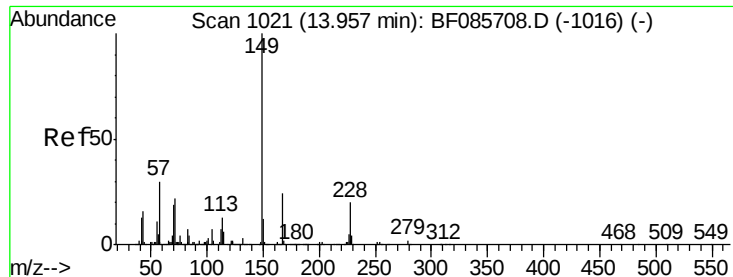
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#82
 Chrysene
 Concen: 46.52 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	680273		
226	31.0	25.0	37.6	
229	19.2	15.7	23.5	





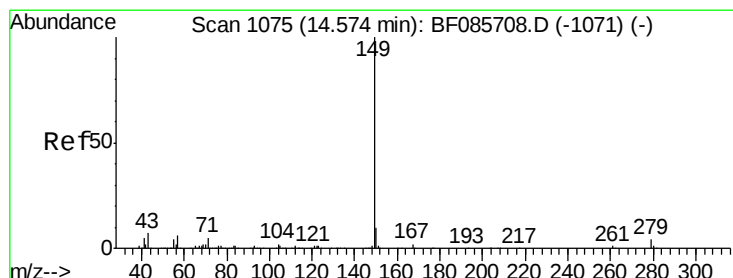
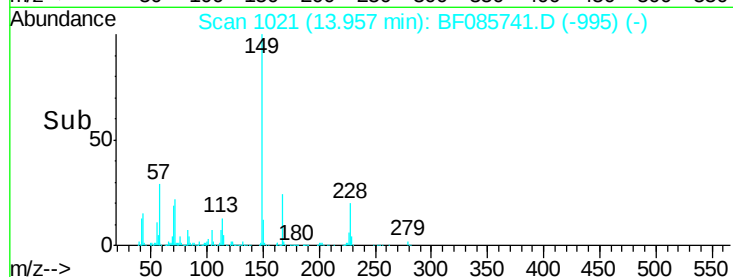
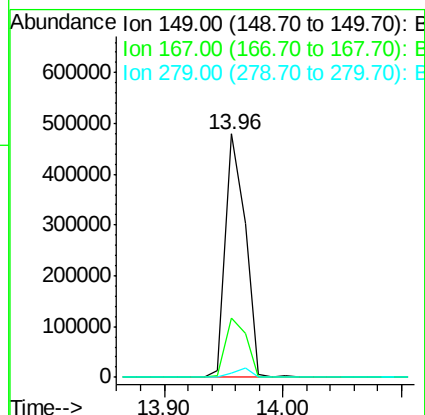
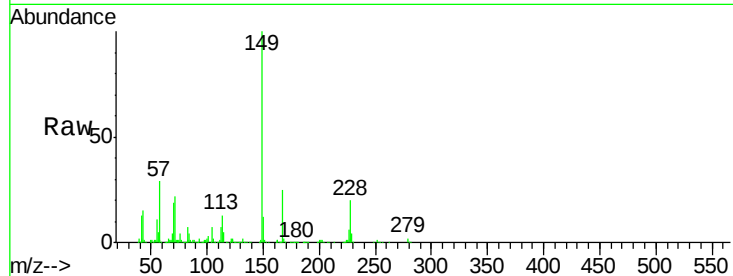
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.82 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.4	29.2
279	1.8	1.5	2.3

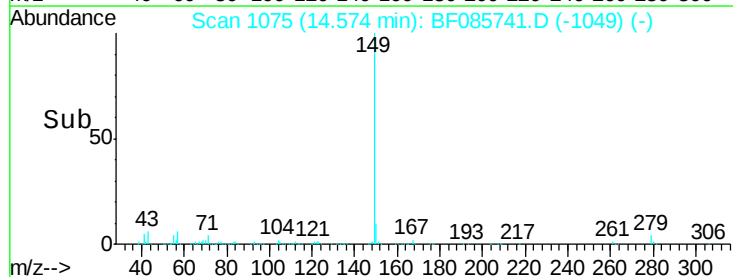
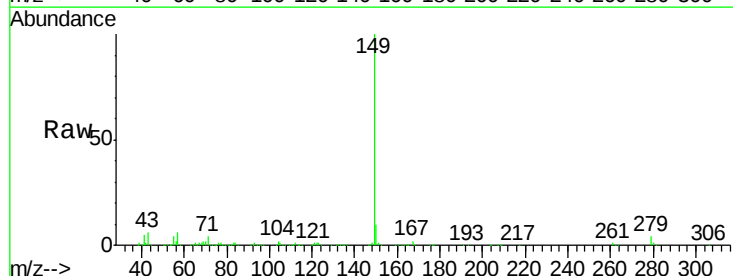
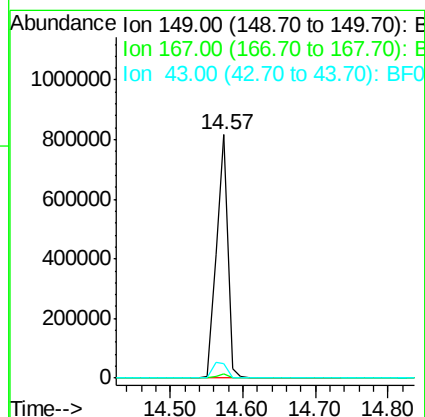
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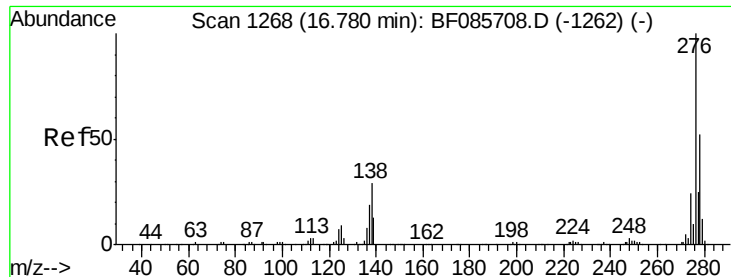
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 56.24 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.5	7.1	10.7





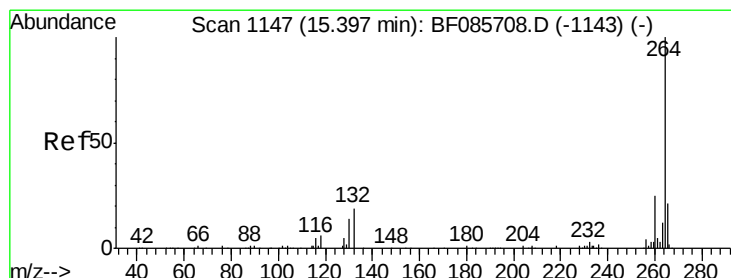
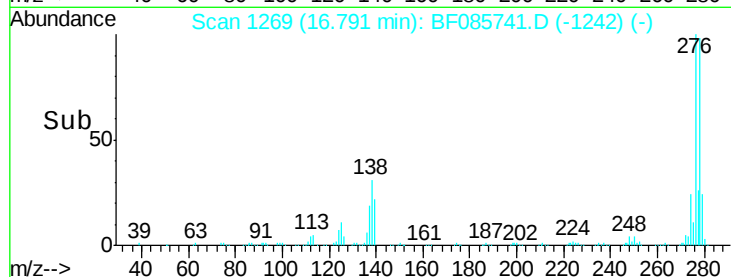
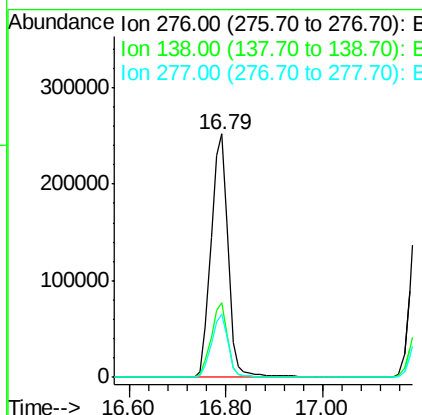
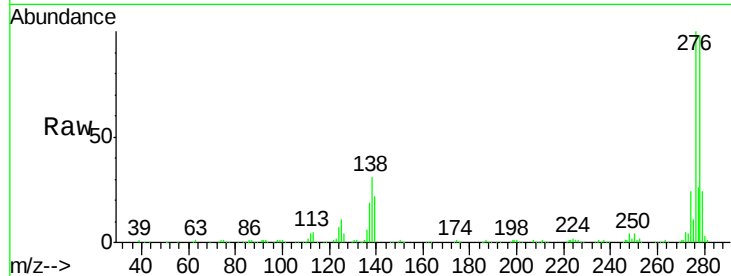
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.23 ng
RT: 16.79 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	634875		
138	30.0	24.2	36.4	
277	25.3	20.0	30.0	

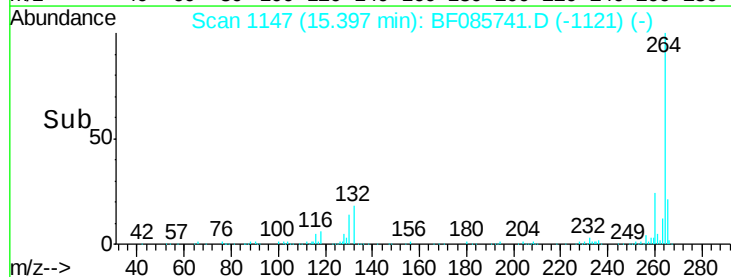
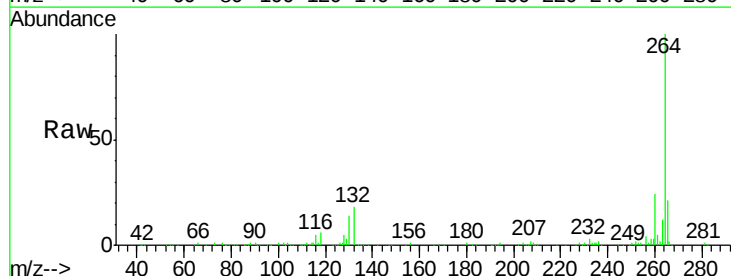
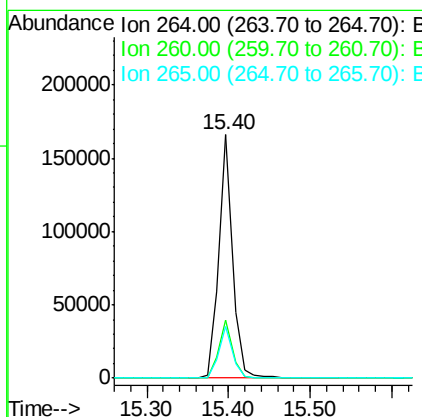
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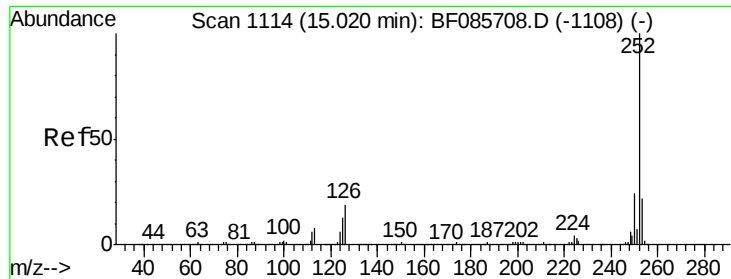
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	194951		
260	24.1	19.4	29.2	
265	21.2	17.2	25.8	





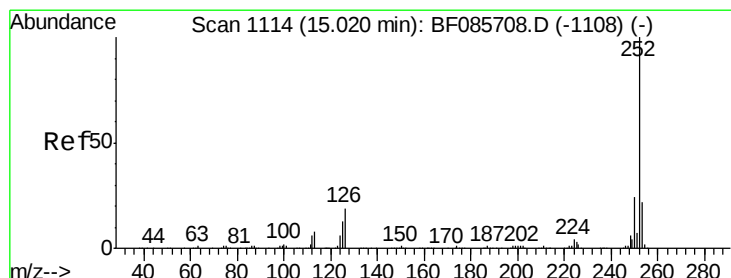
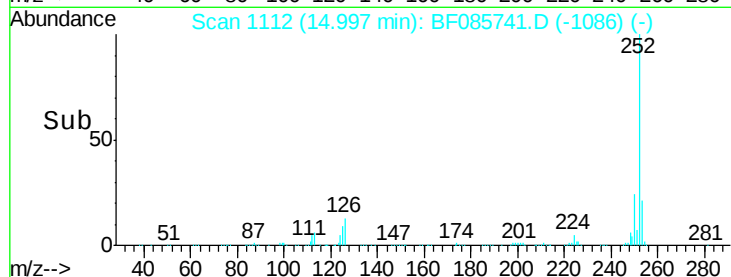
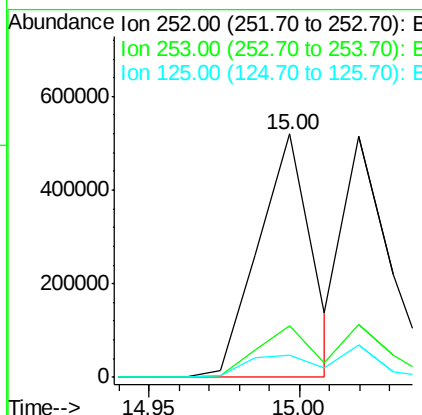
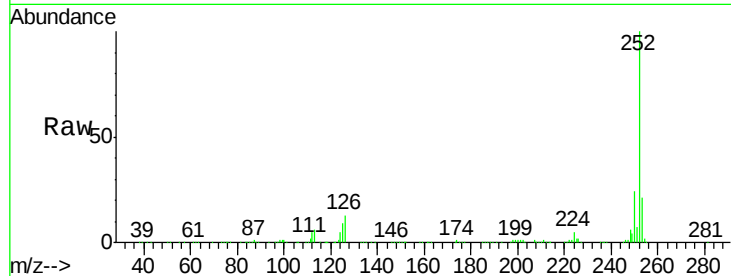
#87
Benzo(b)fluoranthene
Concen: 51.98 ng m
RT: 15.00 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.2	10.3	15.5#

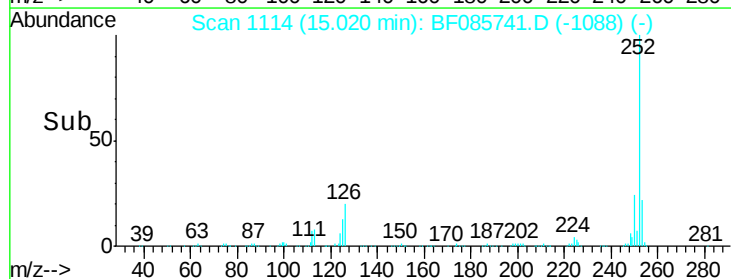
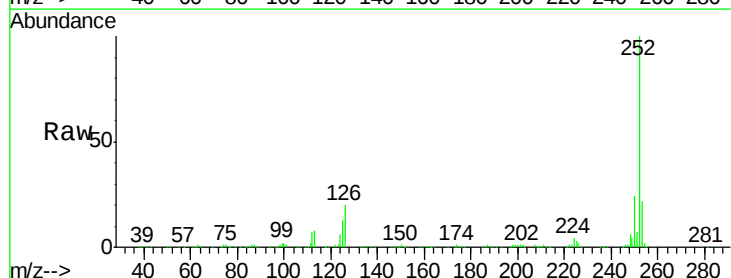
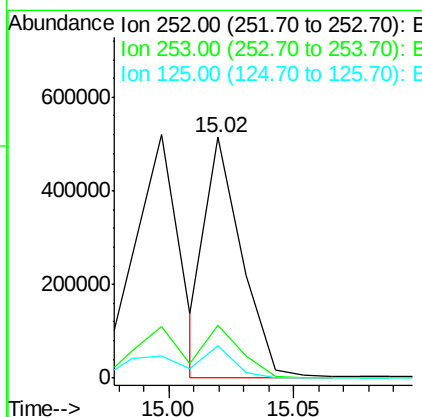
Manual Integrations
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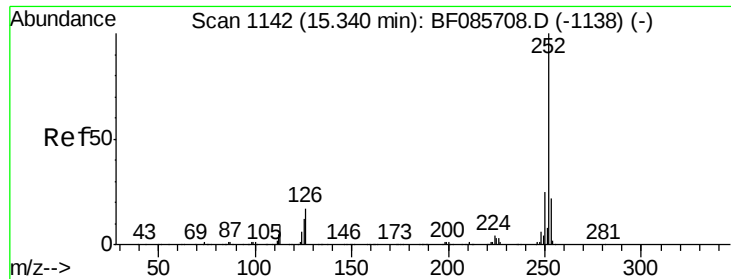
Sohil
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#88
Benzo(k)fluoranthene
Concen: 47.29 ng m
RT: 15.02 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.3	7.7	11.5#





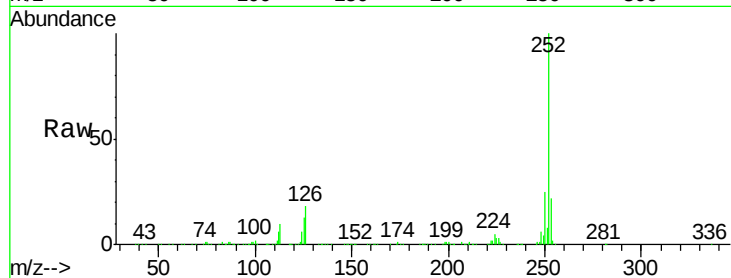
#89
Benzo(a)pyrene
Concen: 50.56 ng
RT: 15.34 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

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

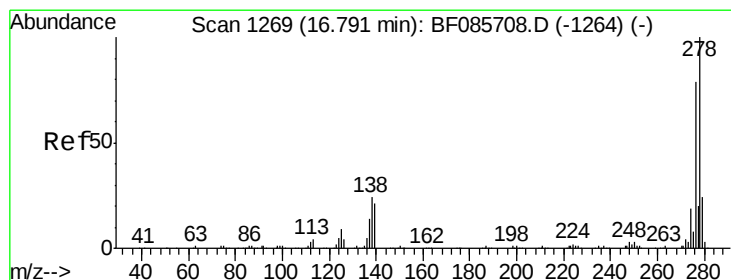
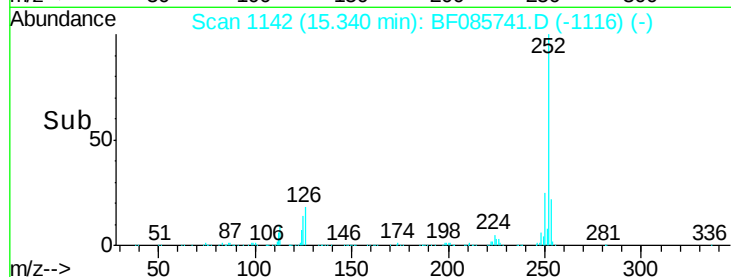
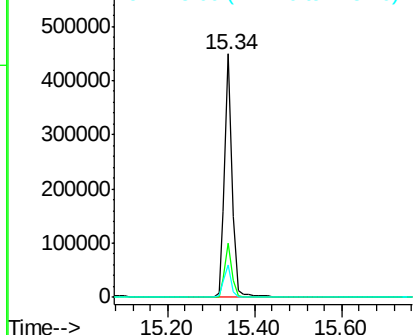
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	13.4	10.3	15.5

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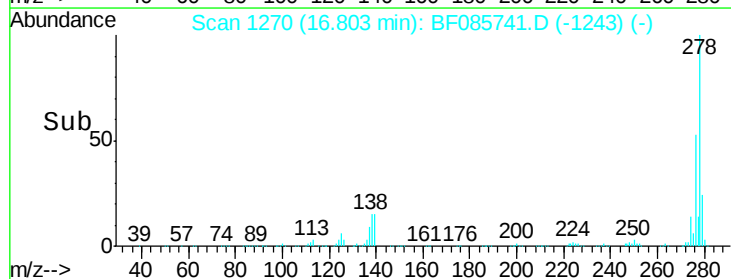
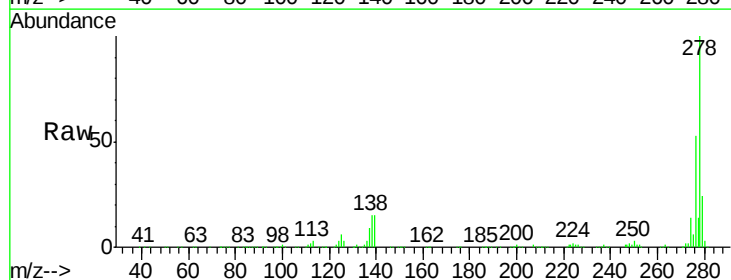
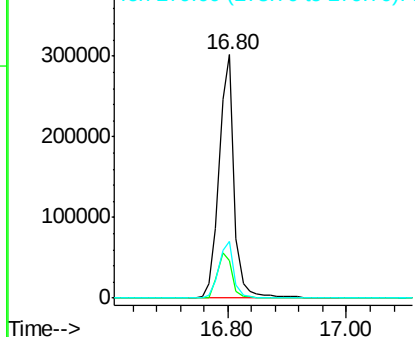
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

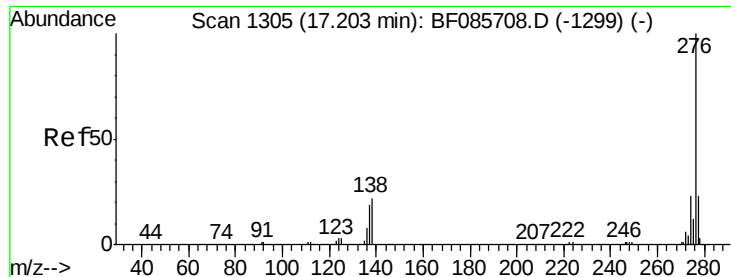


#90
Dibenzo(a,h)anthracene
Concen: 52.91 ng
RT: 16.80 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF085741.D
Acq: 25 Mar 2016 4:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	14.4	21.6
279	23.5	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





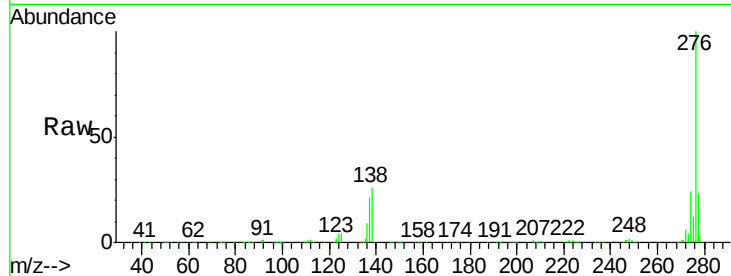
#91
 Benzo(g,h,i)perylene
 Concen: 52.50 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF085741.D
 Acq: 25 Mar 2016 4:42

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

Tgt Ion:	276	Resp:	538594
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	26.1	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

