

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089435.D
 Acq On : 30 Jul 2016 4:11
 Operator : UM/SJ
 Sample : H4221-22MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.OMS

Manual Integrations
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 8/1/2016 6:59:39 PM

Quant Time: Jul 30 04:53:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 30 01:00:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	45449	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	187823	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	78704	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	139119	20.00	ng	0.00
75) Chrysene-d12	13.63	240	83983	20.00	ng	0.00
86) Perylene-d12	14.97	264	90418	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	227157	79.81	ng	0.01
7) Phenol-d6	6.18	99	216216	57.48	ng	0.00
23) Nitrobenzene-d5	7.10	82	310043	97.43	ng	0.00
41) 2,4,6-Tribromophenol	10.33	330	78373	120.23	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	520241	97.01	ng	0.00
78) Terphenyl-d14	12.59	244	322293	89.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	33203	24.37	ng	# 86
3) Pyridine	2.57	79	63393	22.76	ng	99
4) n-Nitrosodimethylamine	2.54	42	28530	28.61	ng	# 99
6) Aniline	6.18	93	130601	32.15	ng	93
8) 2-Chlorophenol	6.31	128	122522	38.05	ng	97
9) Benzaldehyde	6.06	77	88320	48.09	ng	96
10) Phenol	6.19	94	82705	19.92	ng	98
11) bis(2-Chloroethyl)ether	6.26	93	145708	41.31	ng	92
12) 1,3-Dichlorobenzene	6.46	146	115404m	34.27	ng	
13) 1,4-Dichlorobenzene	6.54	146	129257	34.78	ng	96
14) 1,2-Dichlorobenzene	6.68	146	136167	39.11	ng	95
15) Benzyl Alcohol	6.67	79	97716	41.86	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.81	45	151057	39.27	ng	90
17) 2-Methylphenol	6.80	107	84710	34.04	ng	96
18) Hexachloroethane	7.03	117	48205	33.83	ng	# 82
19) n-Nitroso-di-n-propylamine	6.95	70	101625	44.80	ng	# 87
20) 3+4-Methylphenols	6.96	107	112816	35.30	ng	94
22) Acetophenone	6.94	105	186983	41.82	ng	# 95
24) Nitrobenzene	7.11	77	139870	38.62	ng	89
25) Isophorone	7.36	82	279809	43.65	ng	96
26) 2-Nitrophenol	7.43	139	70381	43.47	ng	# 88
27) 2,4-Dimethylphenol	7.48	122	105183	40.78	ng	99
28) bis(2-Chloroethoxy)methane	7.58	93	186136	52.46	ng	98
29) 2,4-Dichlorophenol	7.68	162	109163	46.44	ng	98
30) 1,2,4-Trichlorobenzene	7.75	180	106088	39.56	ng	94
31) Naphthalene	7.83	128	387133	41.62	ng	100
32) Benzoic acid	7.61	122	17278	9.61	ng	93
33) 4-Chloroaniline	7.90	127	94712	26.75	ng	100
34) Hexachlorobutadiene	7.95	225	55018	35.82	ng	97
35) Caprolactam	8.26	113	8000m	11.28	ng	
36) 4-Chloro-3-methylphenol	8.38	107	117110	41.92	ng	90
37) 2-Methylnaphthalene	8.51	142	246884	44.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	104780	38.04	ng	99
40) Hexachlorocyclopentadiene	8.67	237	48303	63.58	ng	97

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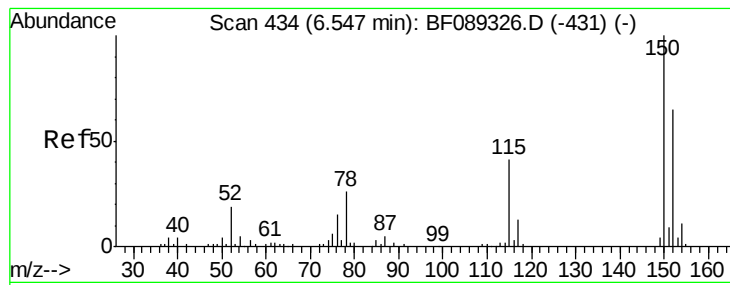
Manual Integrations
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 8/1/2016 6:59:39 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	67694	51.70	ng	100
43) 2,4,5-Trichlorophenol	8.84	196	79580	47.98	ng	96
45) 1,1'-Biphenyl	8.98	154	300391	44.83	ng	96
46) 2-Chloronaphthalene	9.00	162	243163	48.32	ng	93
47) 2-Nitroaniline	9.11	65	77125	51.75	ng	# 80
48) Acenaphthylene	9.40	152	363519	45.86	ng	99
49) Dimethylphthalate	9.29	163	280317	46.80	ng	99
50) 2,6-Dinitrotoluene	9.36	165	58244	47.32	ng	# 82
51) Acenaphthene	9.58	154	208826	45.11	ng	99
52) 3-Nitroaniline	9.52	138	44679	34.40	ng	82
53) 2,4-Dinitrophenol	9.64	184	30104	60.86	ng	94
54) Dibenzofuran	9.75	168	324077	51.38	ng	95
55) 4-Nitrophenol	9.71	139	24515m	41.94	ng	
56) 2,4-Dinitrotoluene	9.76	165	80883	49.92	ng	# 71
57) Fluorene	10.09	166	259576	47.14	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	54134	48.88	ng	# 97
59) Diethylphthalate	9.99	149	316036	52.04	ng	97
60) 4-Chlorophenyl-phenylether	10.09	204	123667	48.96	ng	# 88
61) 4-Nitroaniline	10.14	138	47086	35.17	ng	87
62) Azobenzene	10.25	77	326504	52.21	ng	90
64) 4,6-Dinitro-2-methylphenol	10.17	198	23985	30.32	ng	91
65) n-Nitrosodiphenylamine	10.22	169	226586	52.20	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	65619	49.40	ng	# 77
67) Hexachlorobenzene	10.64	284	67878	49.87	ng	# 72
68) Atrazine	10.74	200	61323	45.98	ng	96
69) Pentachlorophenol	10.83	266	47797	73.05	ng	99
70) Phenanthrene	11.04	178	336527	46.90	ng	100
71) Anthracene	11.10	178	373862	46.87	ng	100
72) Carbazole	11.26	167	298102	44.39	ng	99
73) Di-n-butylphthalate	11.60	149	440244	48.86	ng	# 98
74) Fluoranthene	12.22	202	302511	40.08	ng	97
76) Benzidine	12.35	184	95423	30.75	ng	97
77) Pyrene	12.45	202	291924	45.86	ng	99
79) Butylbenzylphthalate	13.07	149	135320	46.76	ng	92
80) Benzo(a)anthracene	13.62	228	220245	46.47	ng	99
81) 3,3'-Dichlorobenzidine	13.60	252	56687	33.24	ng	99
82) Chrysene	13.66	228	227288	45.05	ng	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	190358	45.51	ng	# 94
84) Di-n-octyl phthalate	14.25	149	311755	47.76	ng	100
85) Indeno(1,2,3-cd)pyrene	16.16	276	261677	72.95	ng	99
87) Benzo(b)fluoranthene	14.62	252	215607m	38.40	ng	
88) Benzo(k)fluoranthene	14.64	252	249370m	48.30	ng	
89) Benzo(a)pyrene	14.91	252	233912	46.44	ng	99
90) Dibenzo(a,h)anthracene	16.16	278	221716	55.88	ng	98
91) Benzo(g,h,i)perylene	16.50	276	214645	55.03	ng	98

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



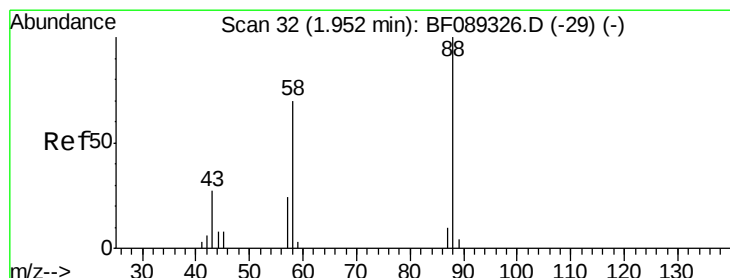
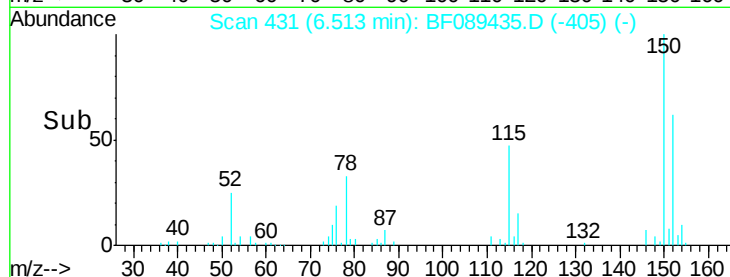
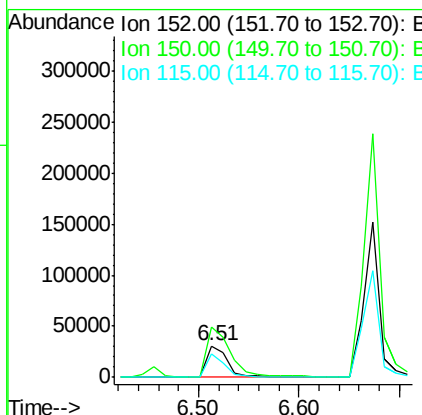
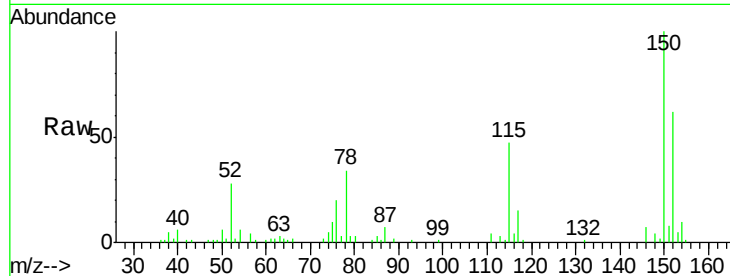
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	129.5	194.3
115	75.8	51.4	77.2

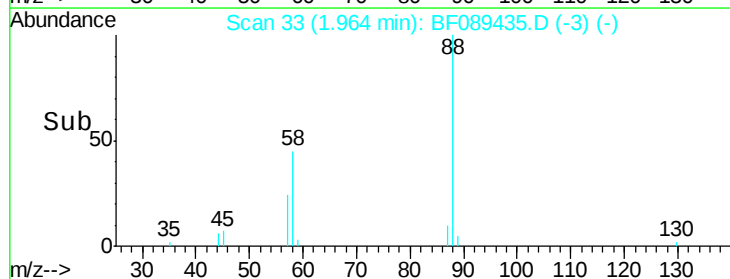
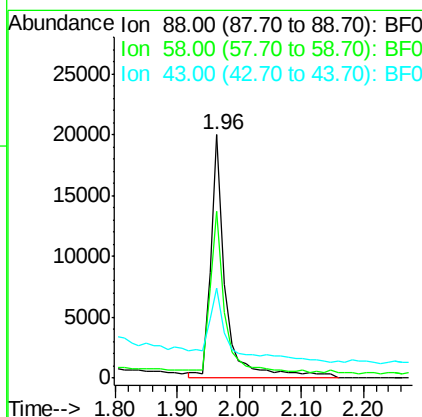
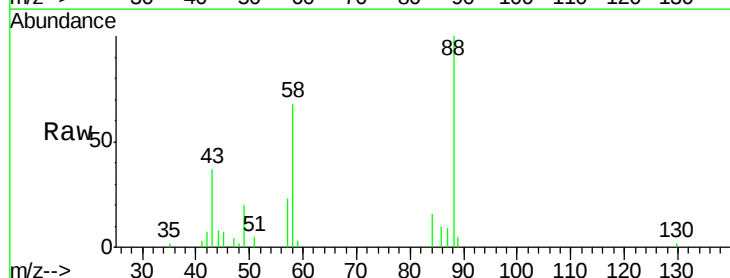
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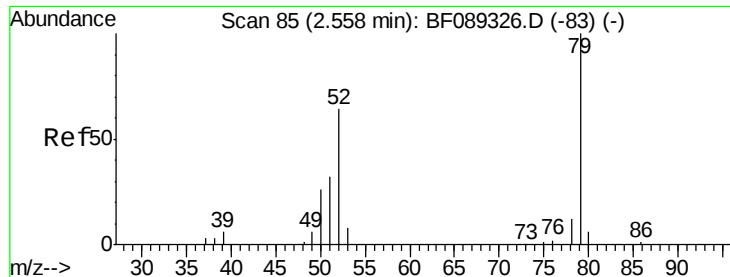
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#2
 1,4-Dioxane
 Concen: 24.37 ng
 RT: 1.96 min Scan# 33
 Delta R.T. 0.05 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	53.2	79.8
43	42.1	20.6	31.0





#3

Pyridine

Concen: 22.76 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

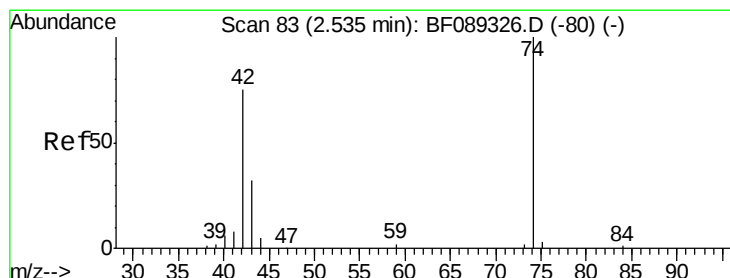
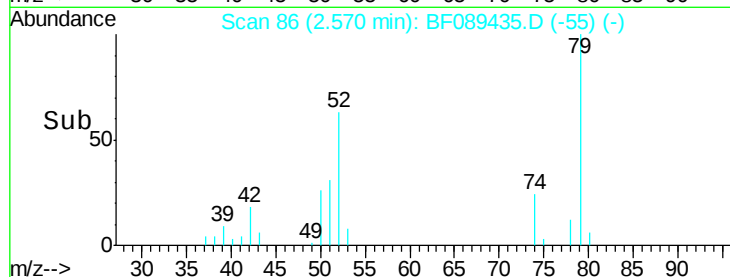
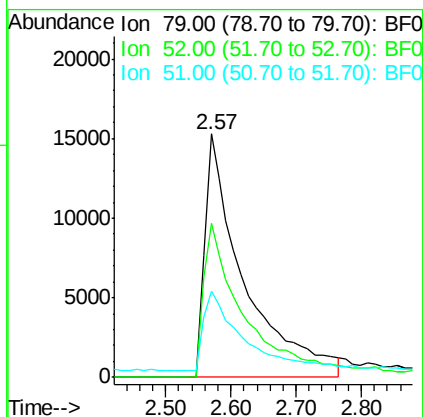
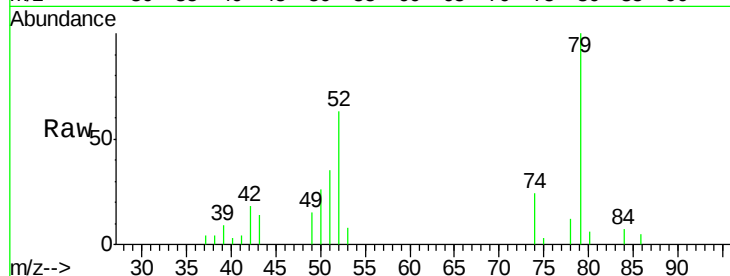
ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion:	79	Resp:	63393
Ion	Ratio	Lower	Upper
79	100		
52	63.2	51.9	77.9
51	35.4	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 28.61 ng

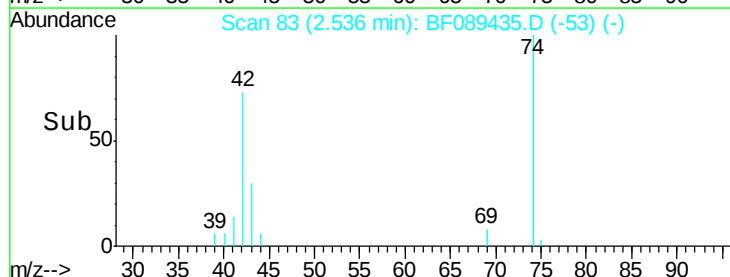
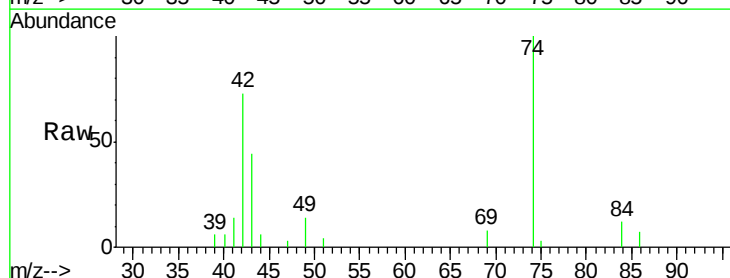
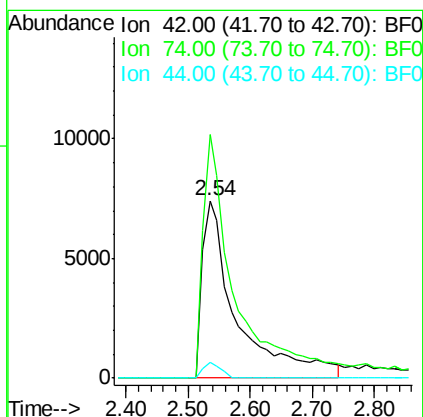
RT: 2.54 min Scan# 83

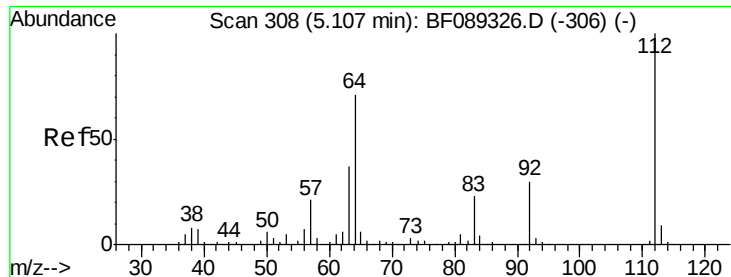
Delta R.T. 0.05 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Tgt Ion:	42	Resp:	28530
Ion	Ratio	Lower	Upper
42	100		
74	137.3	110.8	166.2
44	8.6	5.2	7.8#





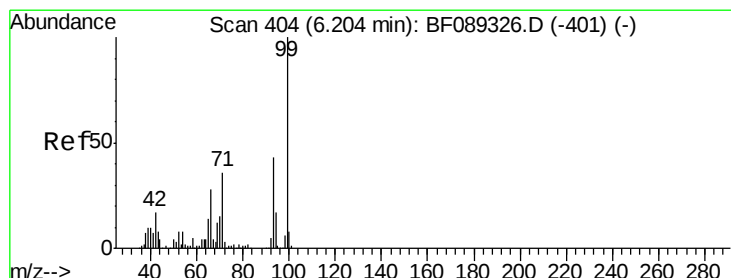
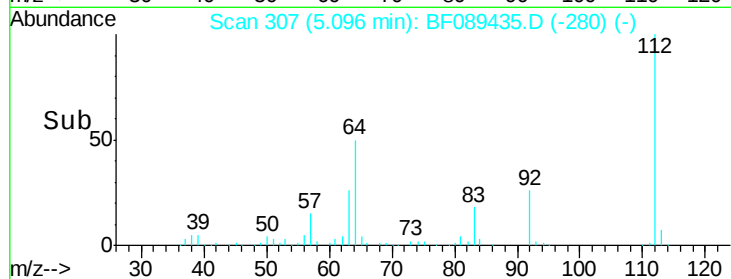
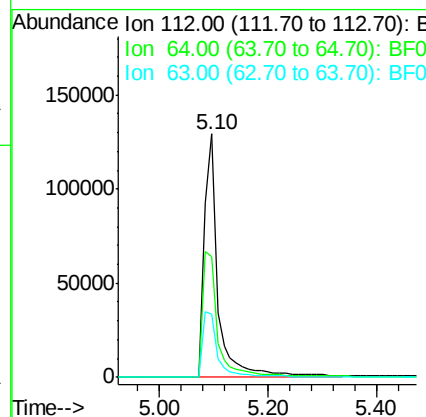
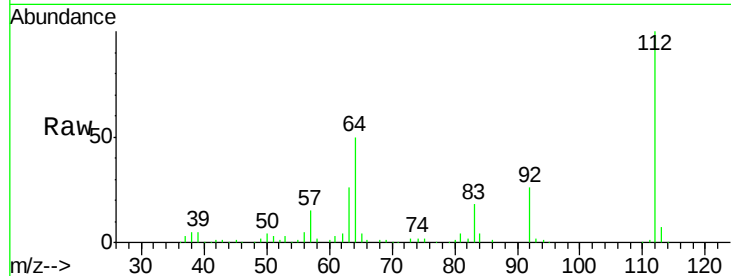
#5
 2-Fluorophenol
 Concen: 79.81 ng
 RT: 5.10 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

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 BNA_F
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 GW-44-8.6-15.0MS

Tgt Ion:	112	Resp:	227157
Ion Ratio	Lower	Upper	
112	100		
64	49.7	55.0	82.6#
63	26.1	29.4	44.2#

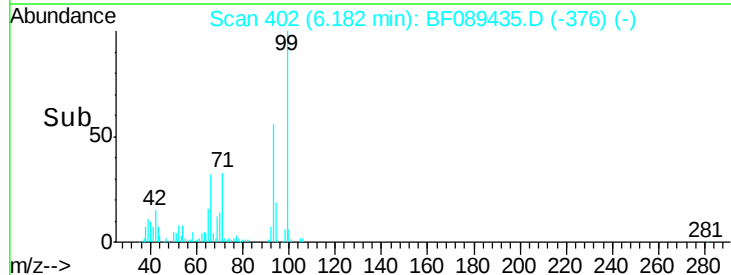
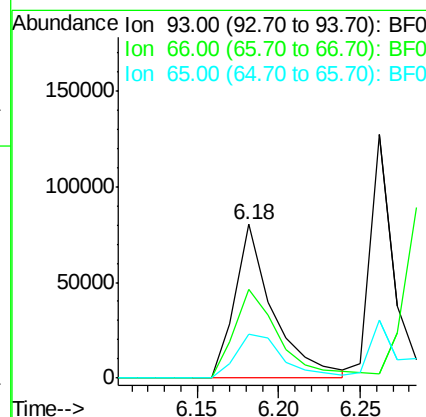
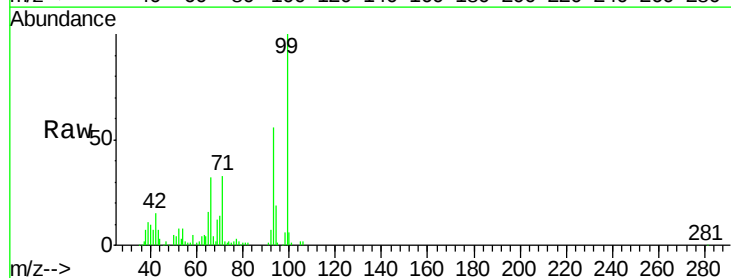
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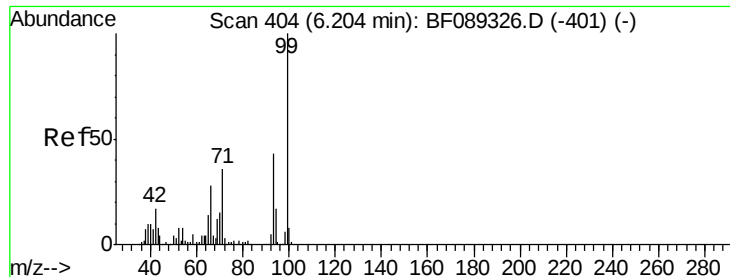
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#6
 Aniline
 Concen: 32.15 ng
 RT: 6.18 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion:	93	Resp:	130601
Ion Ratio	Lower	Upper	
93	100		
66	57.9	51.6	77.4
65	28.9	24.7	37.1





#7

Phenol-d6

Concen: 57.48 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

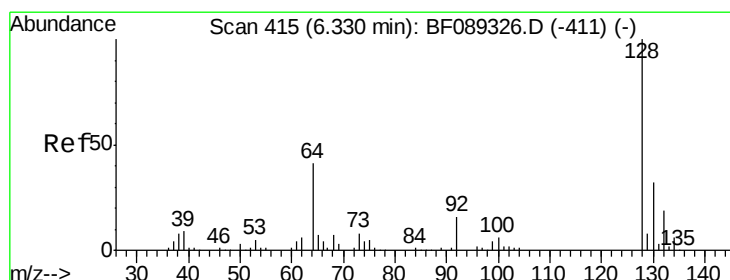
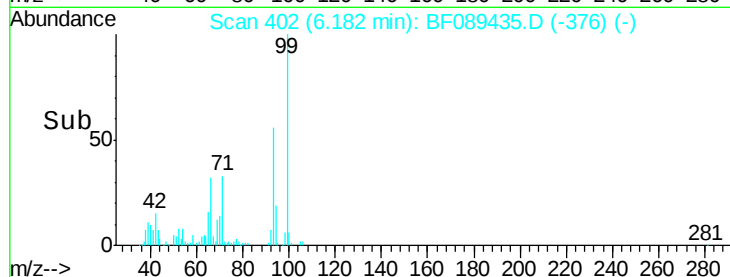
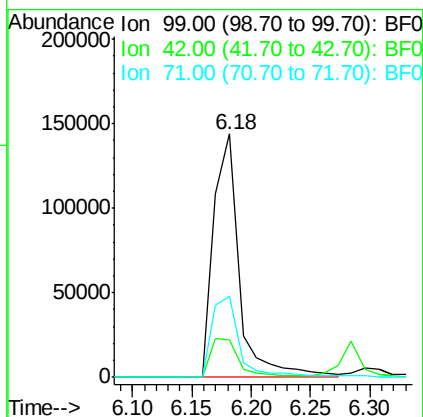
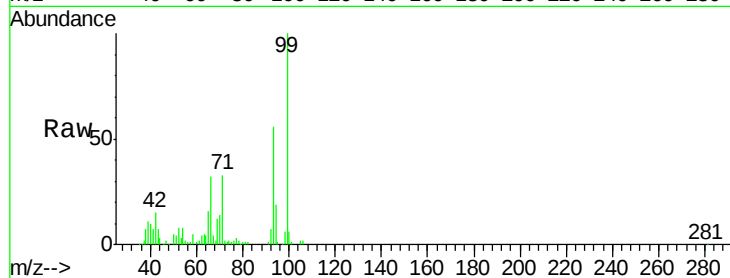
ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion:	99	Resp:	216216
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.6	20.4
71	33.4	29.4	44.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.05 ng

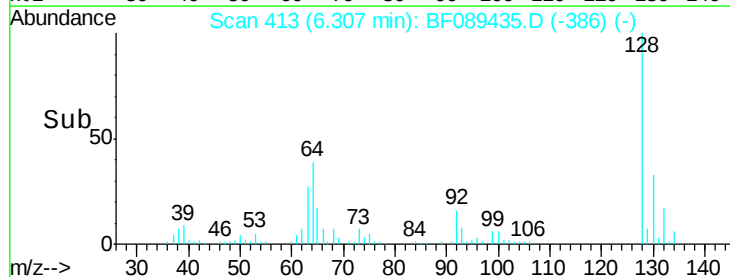
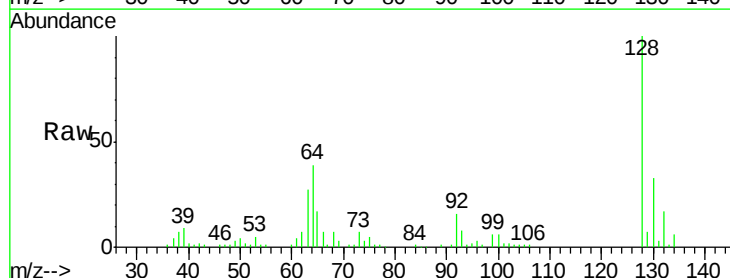
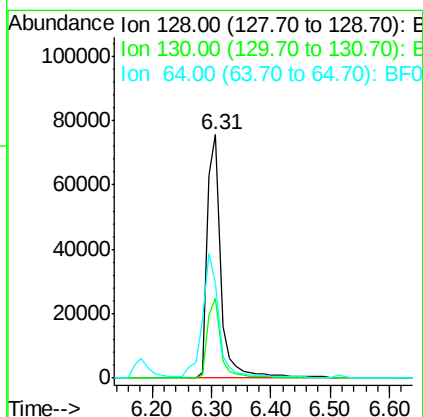
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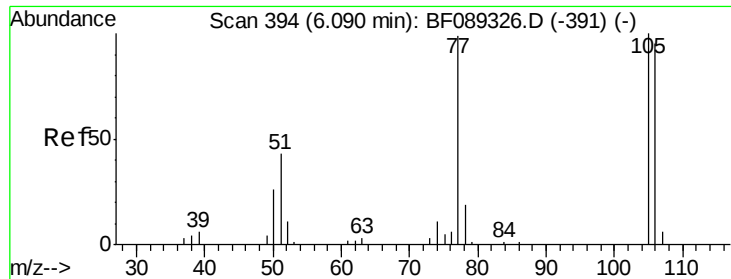
Delta R.T. 0.01 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Tgt Ion:	128	Resp:	122522
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.6	52.6
64	39.2	22.1	62.1





#9

Benzaldehyde

Concen: 48.09 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion: 77 Resp: 88320

Ion Ratio Lower Upper

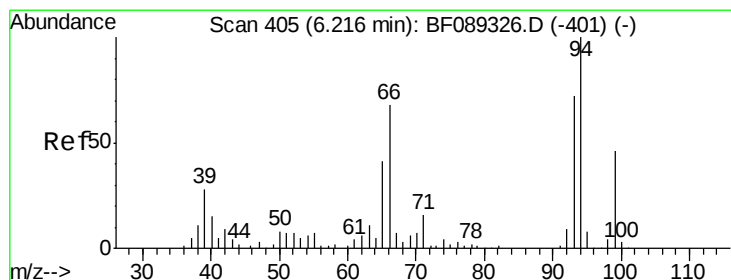
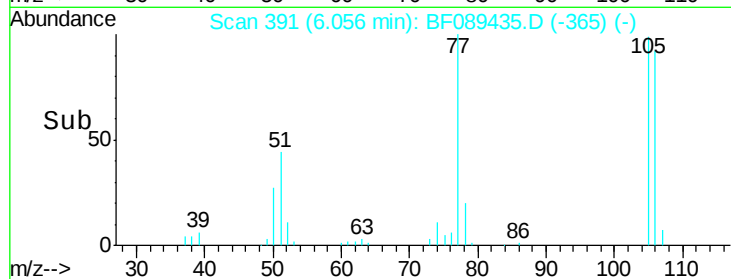
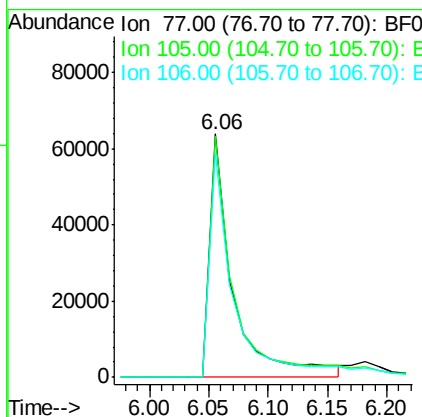
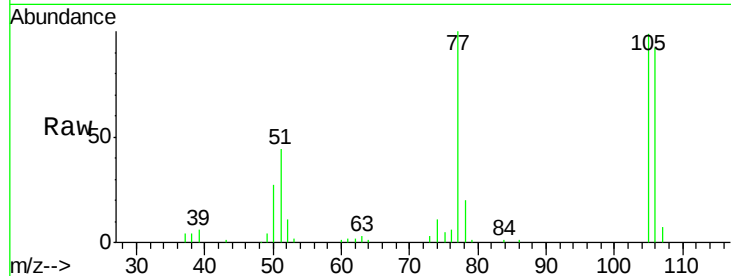
77 100

105 99.2 82.9 122.9

106 92.3 75.9 115.9

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#10

Phenol

Concen: 19.92 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

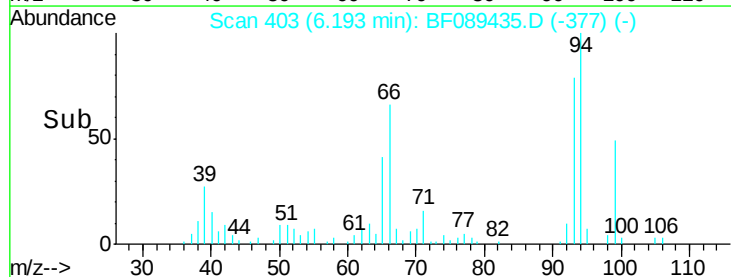
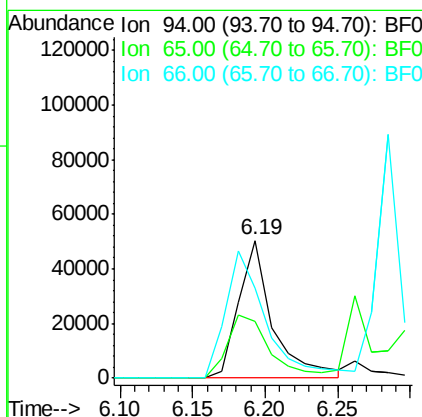
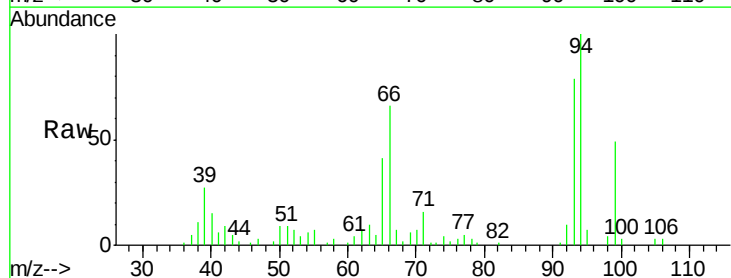
Tgt Ion: 94 Resp: 82705

Ion Ratio Lower Upper

94 100

65 41.3 19.1 59.1

66 65.8 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 41.31 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 93 Resp: 145708

Ion Ratio Lower Upper

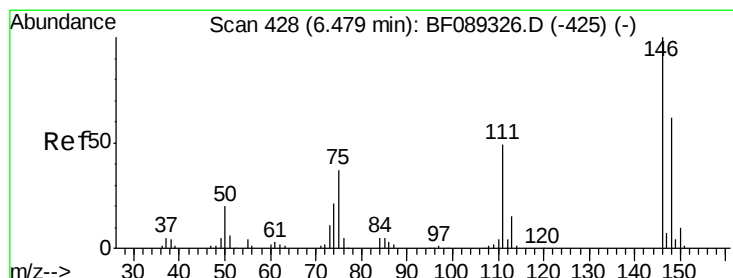
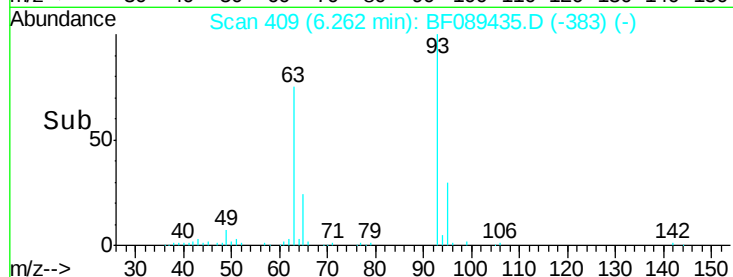
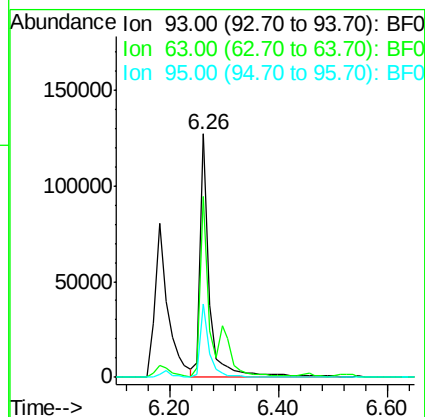
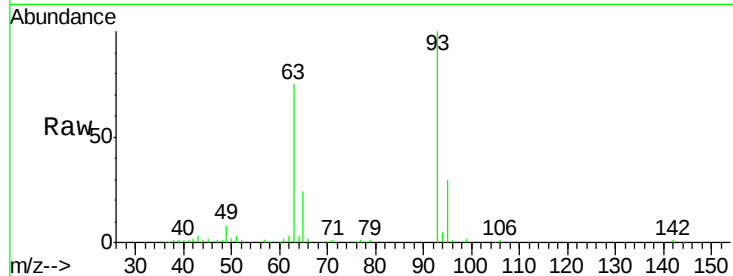
93 100

63 74.5 45.6 85.6

95 30.4 11.1 51.1

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#12

1,3-Dichlorobenzene

Concen: 34.27 ng m

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

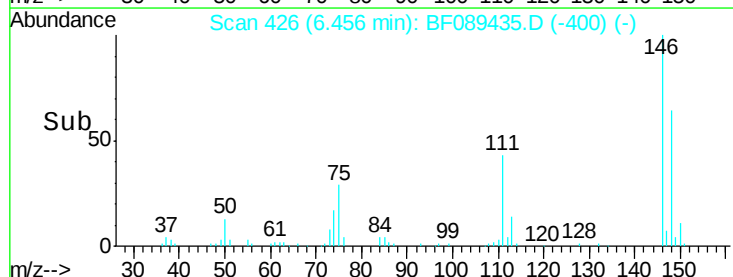
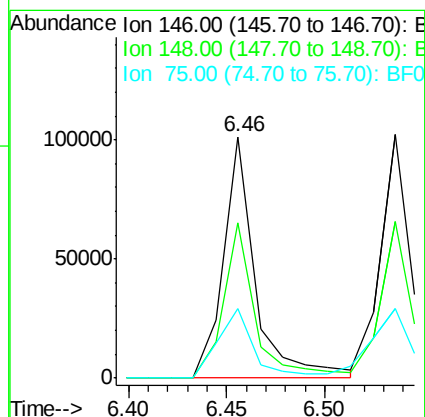
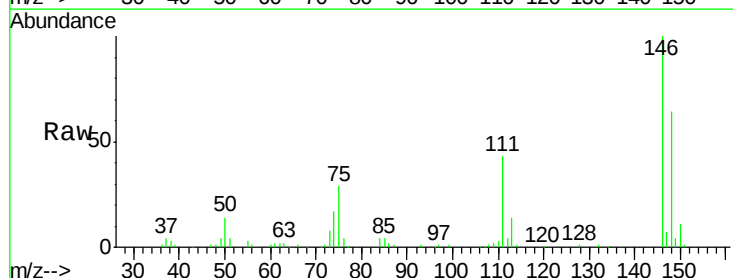
Tgt Ion: 146 Resp: 115404

Ion Ratio Lower Upper

146 100

148 64.5 50.5 75.7

75 28.7 30.0 45.0#





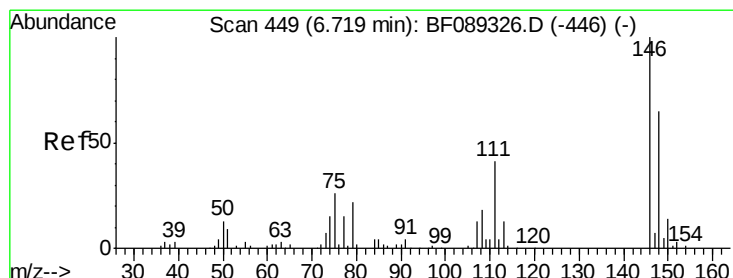
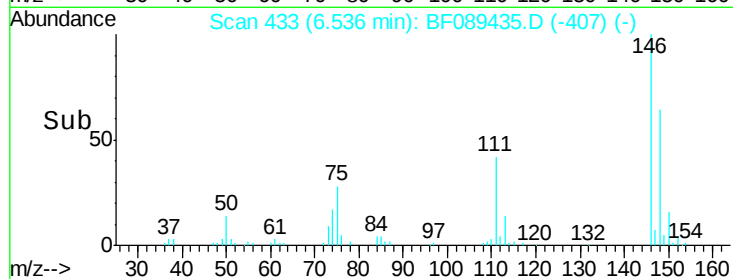
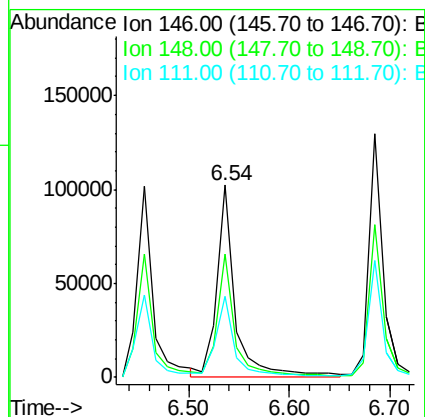
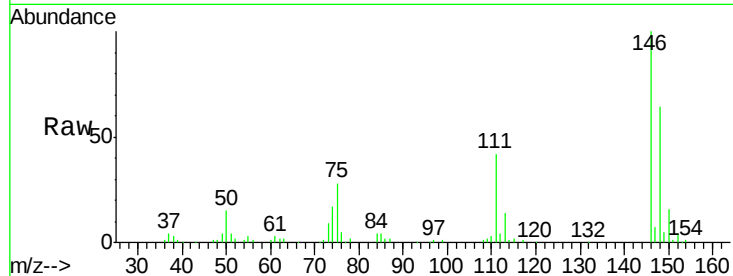
#13
 1,4-Dichlorobenzene
 Concen: 34.78 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	42.3	38.6	57.8

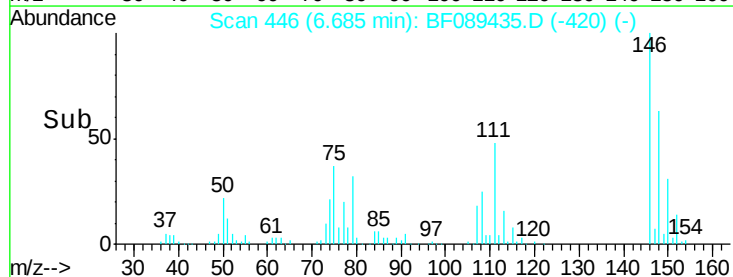
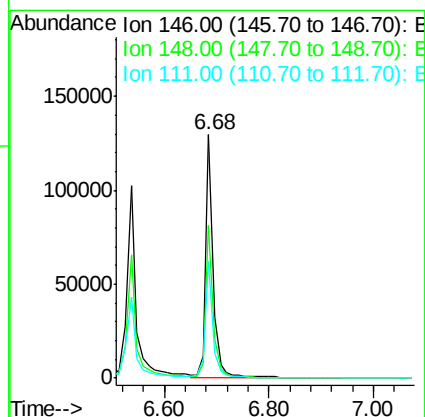
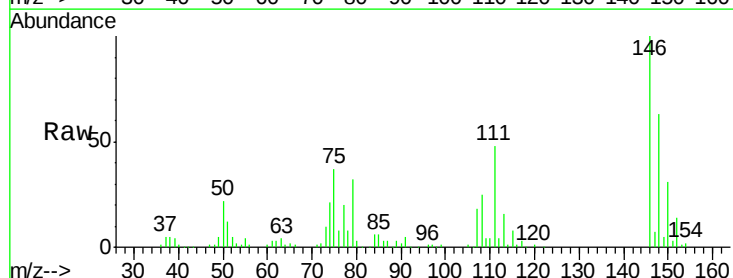
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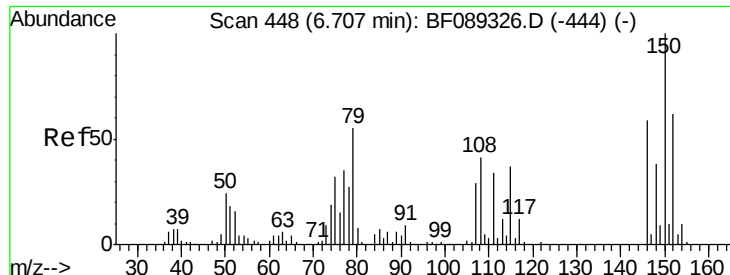
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#14
 1,2-Dichlorobenzene
 Concen: 39.11 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	48.3	33.0	49.4





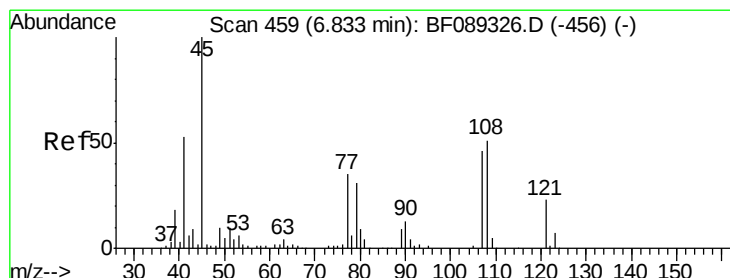
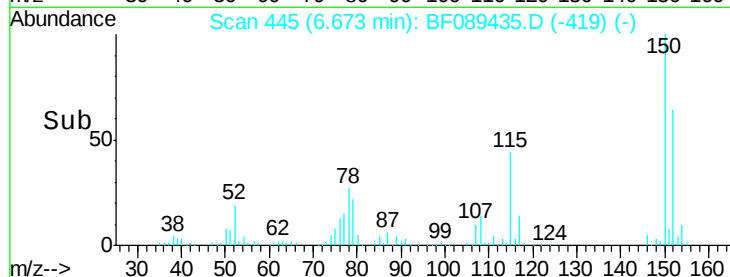
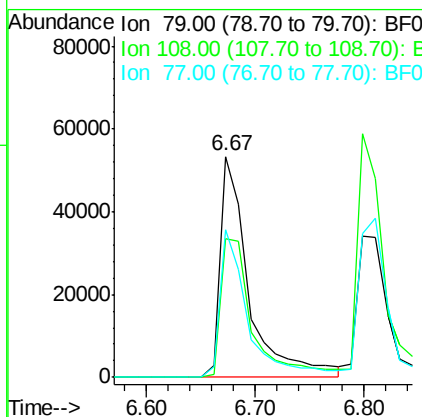
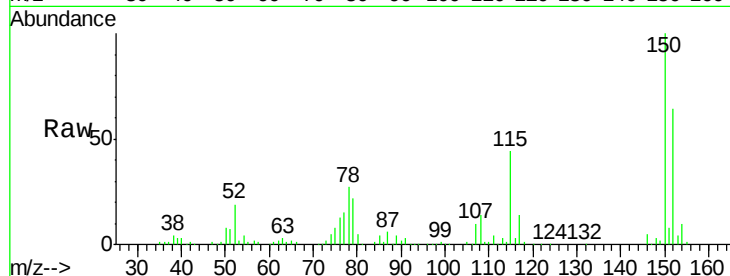
#15
Benzyl Alcohol
Concen: 41.86 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	62.7	59.8	89.6
77	67.1	51.7	77.5

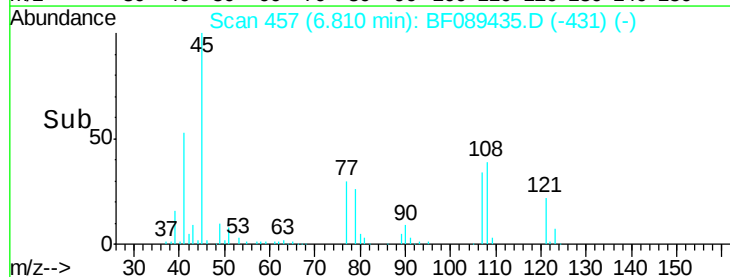
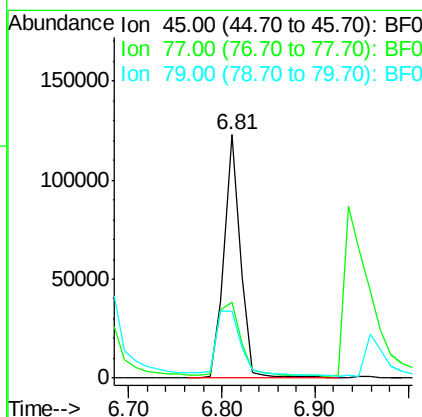
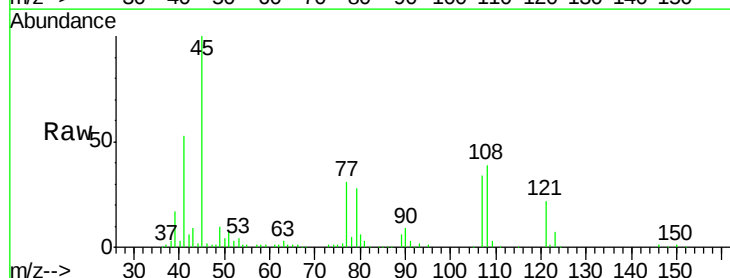
Manual Integrations
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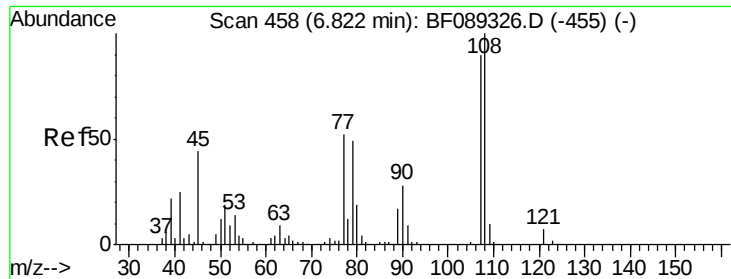
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.27 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.4	17.3	57.3
79	27.6	13.9	53.9





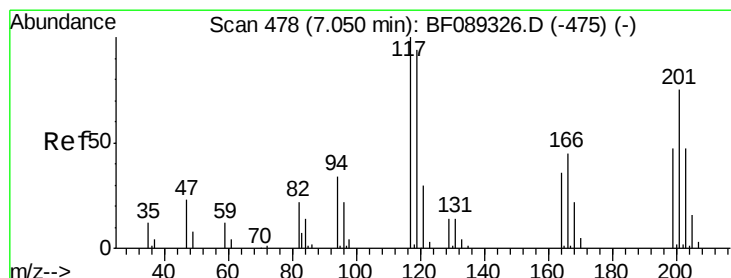
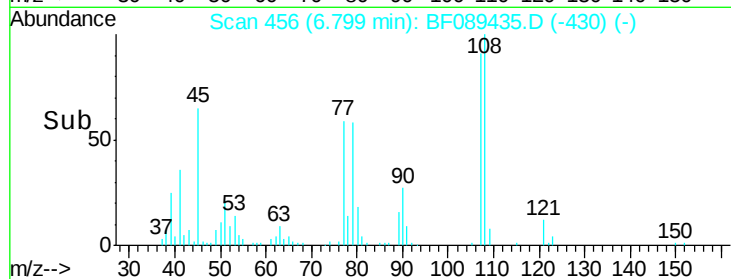
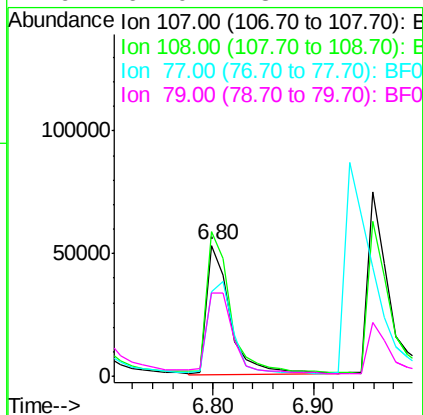
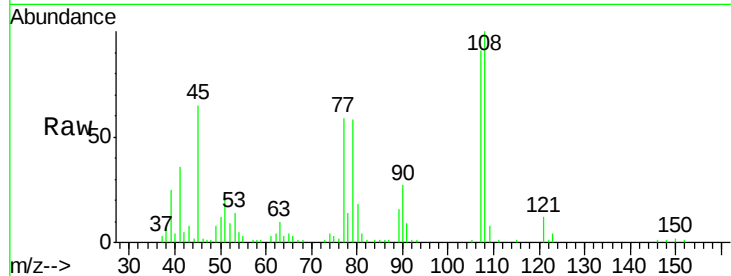
#17
2-Methylphenol
Concen: 34.04 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion:	107	Resp:	84710
Ion Ratio	Lower	Upper	
107	100		
108	110.3	91.4	137.0
77	65.1	48.6	73.0
79	64.0	48.2	72.4

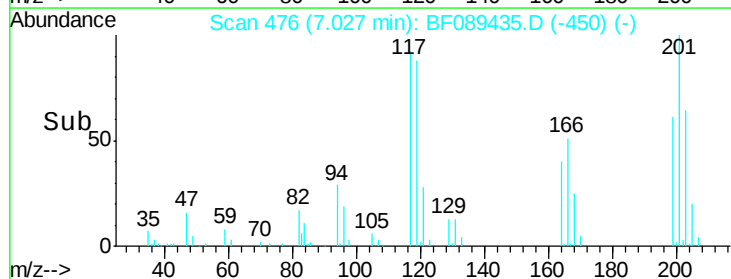
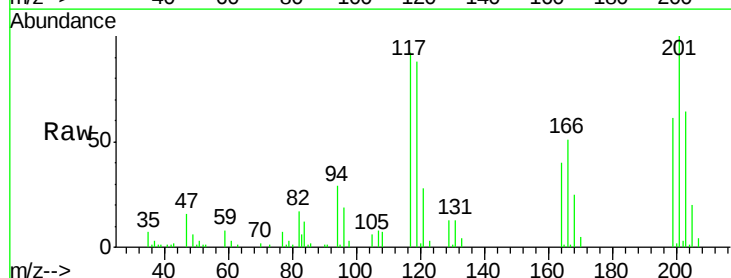
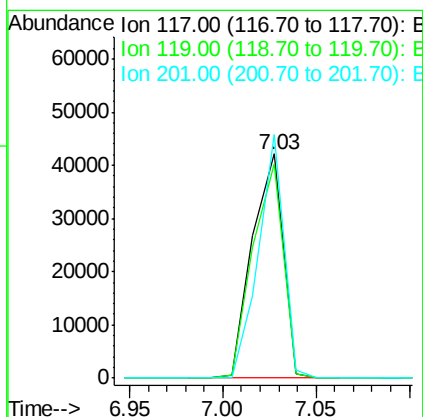
Manual Integrations
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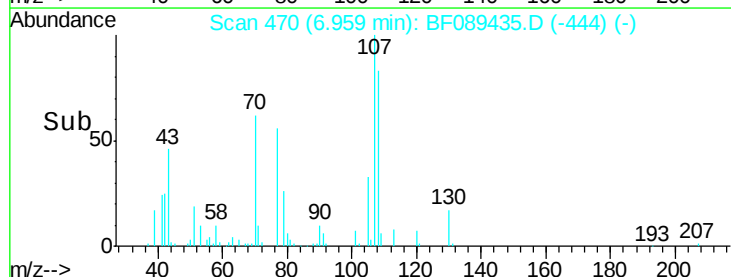
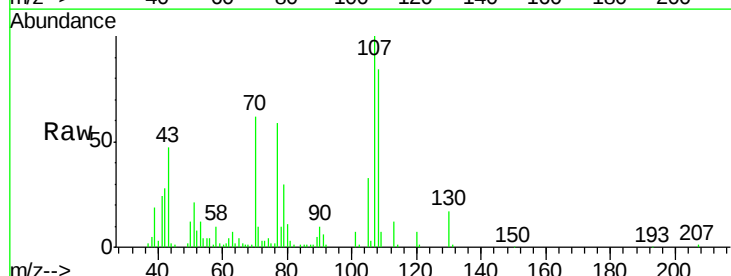
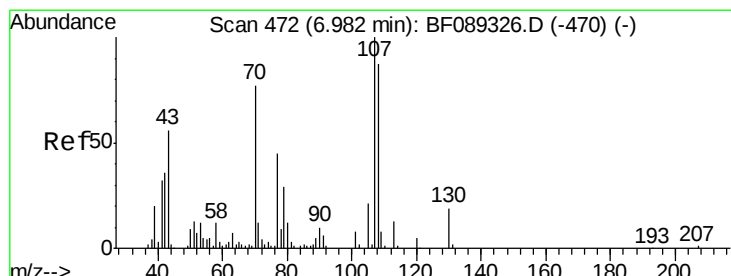
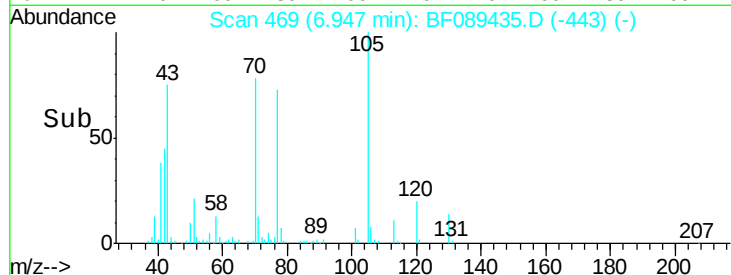
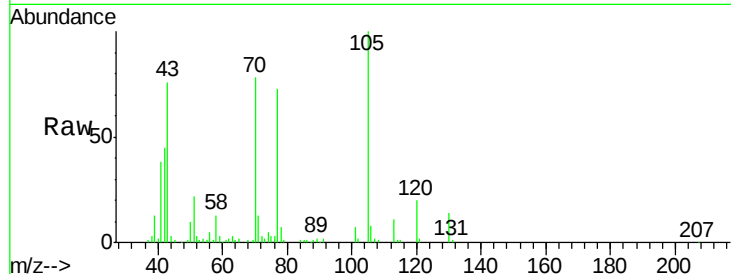
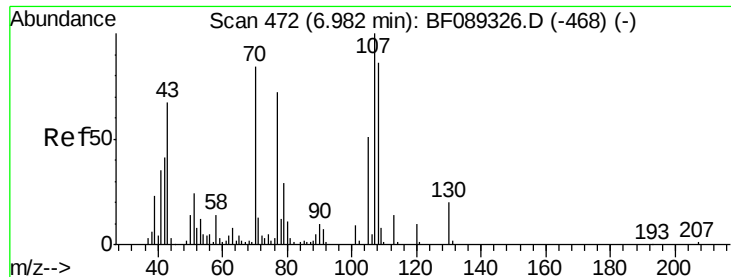
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#18
Hexachloroethane
Concen: 33.83 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion:	117	Resp:	48205
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.0	114.0
201	108.8	60.0	90.0#





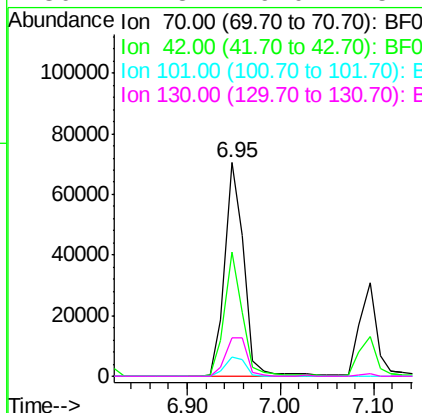
#19
n-Nitroso-di-n-propylamine
Concen: 44.80 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.3	38.6	57.8#
101	8.9	8.3	12.5
130	17.8	19.0	28.4#

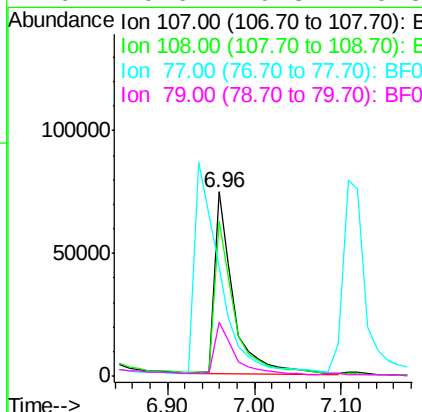
Manual Integrations
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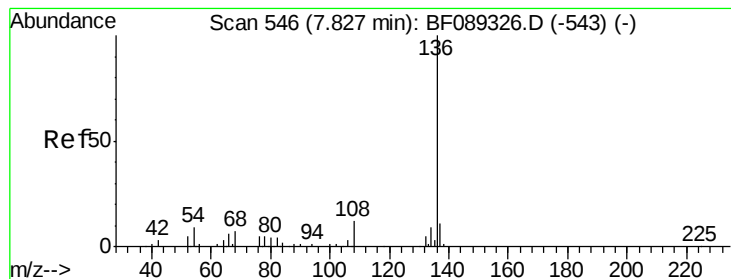
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#20
3+4-Methylphenols
Concen: 35.30 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.9	63.3	103.3
77	59.2	51.1	91.1
79	29.6	9.3	49.3





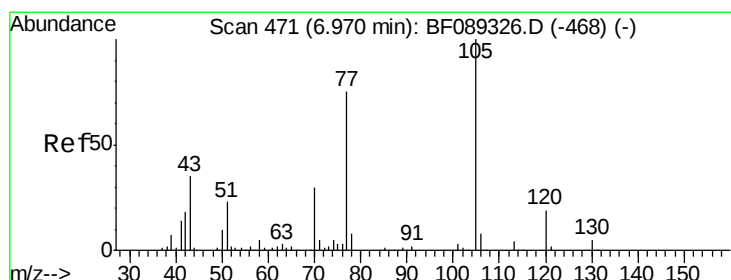
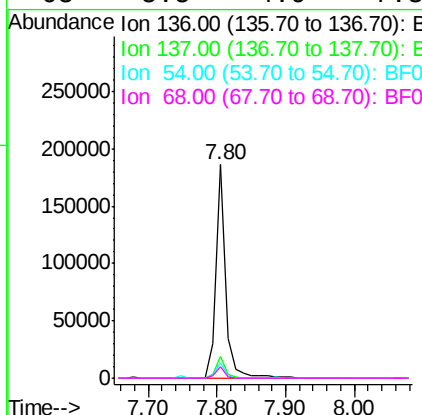
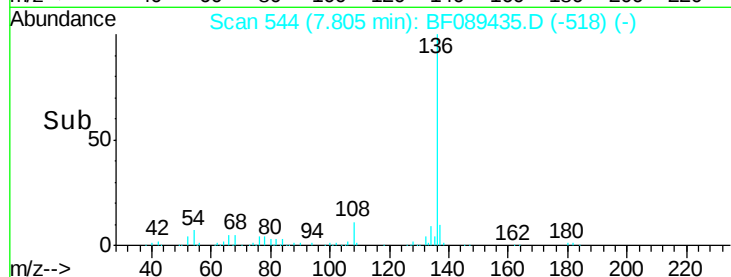
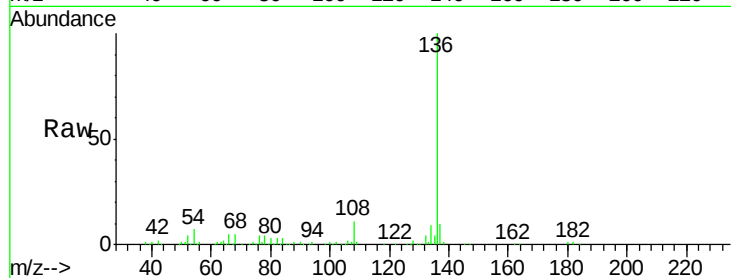
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	187823		
137	10.5	8.6	13.0	
54	6.9	7.0	10.4	
68	5.5	4.9	7.3	

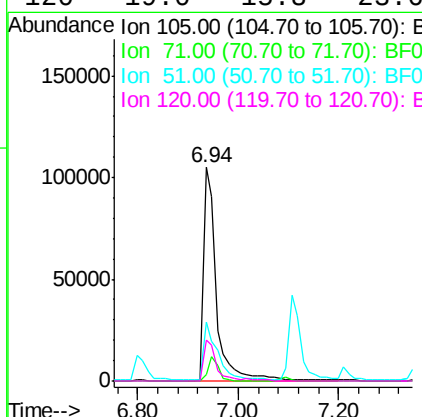
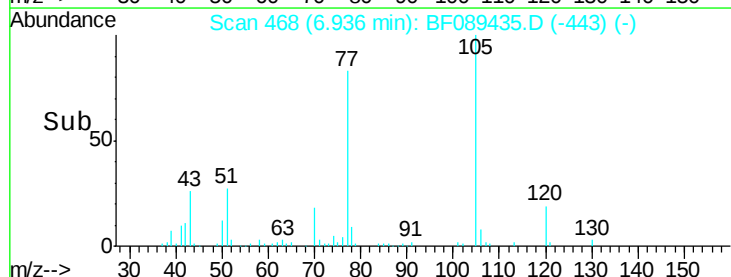
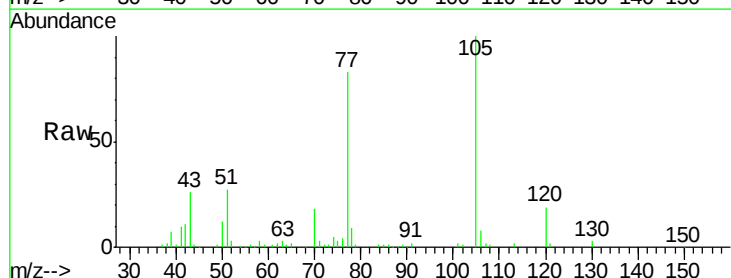
Manual Integrations
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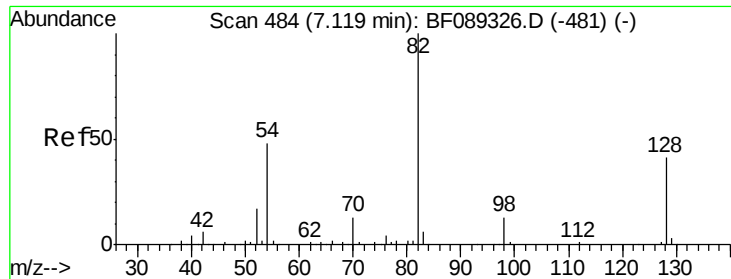
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#22
Acetophenone
Concen: 41.82 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186983		
71	3.3	4.2	6.2	
51	27.5	18.7	28.1	
120	19.0	15.8	23.6	





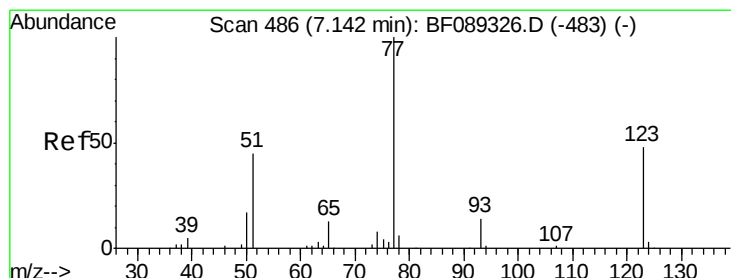
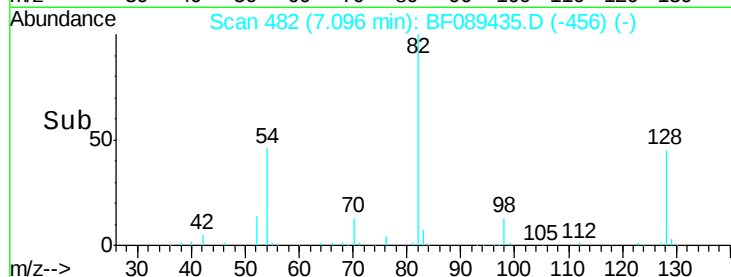
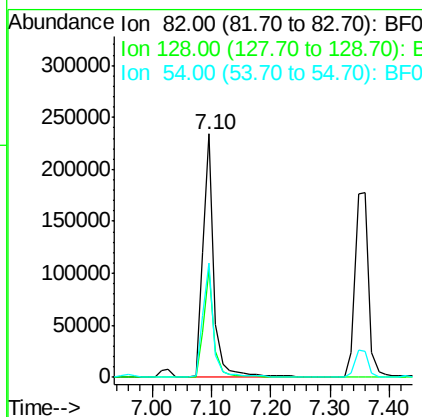
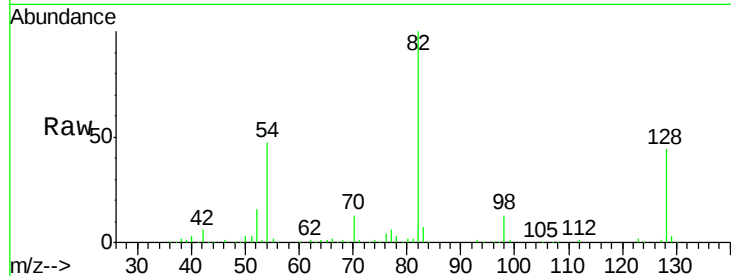
#23
 Nitrobenzene-d5
 Concen: 97.43 ng
 RT: 7.10 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	310043		
128	44.5	32.5	48.7	
54	46.9	38.8	58.2	

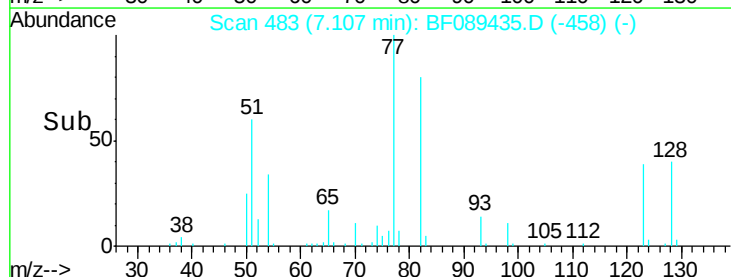
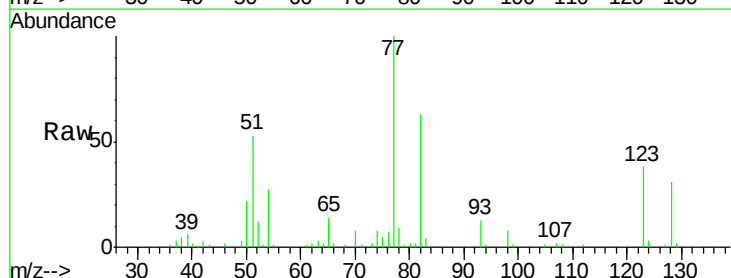
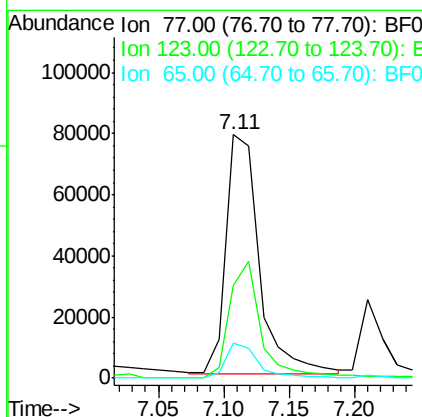
Manual Integrations
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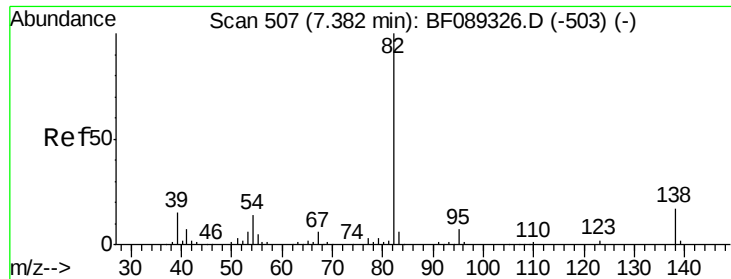
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#24
 Nitrobenzene
 Concen: 38.62 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	139870		
123	38.0	37.2	55.8	
65	14.3	10.2	15.4	





#25

Isophorone

Concen: 43.65 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion: 82 Resp: 279809
Ion Ratio Lower Upper

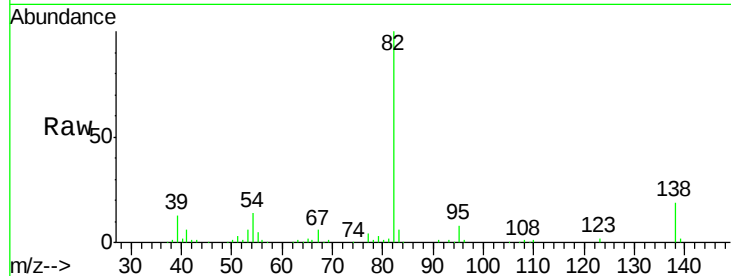
82 100

95 8.1 6.0 9.0

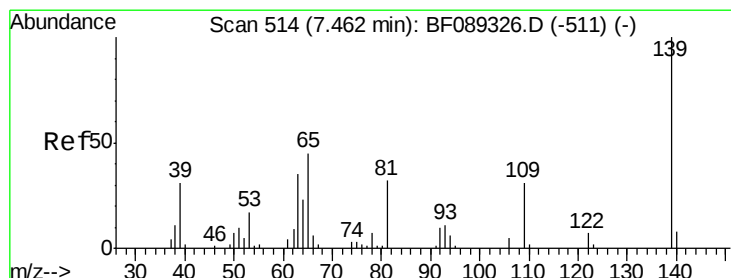
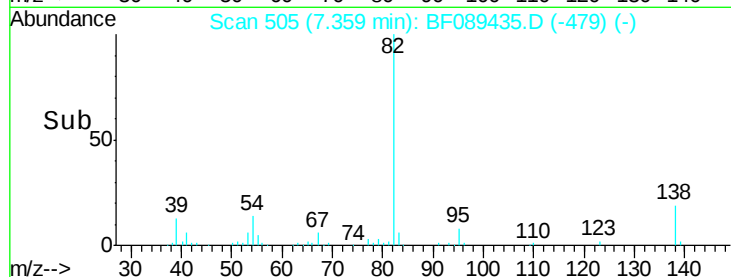
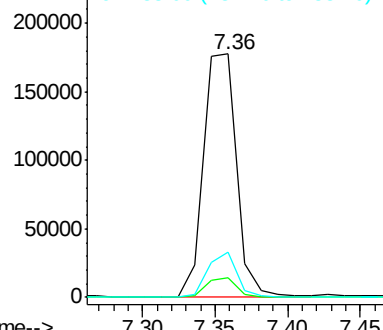
138 18.6 13.3 19.9

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.47 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF089435.D

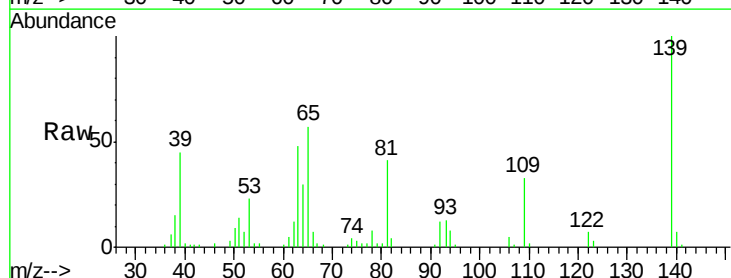
Acq: 30 Jul 2016 4:11

Tgt Ion: 139 Resp: 70381
Ion Ratio Lower Upper

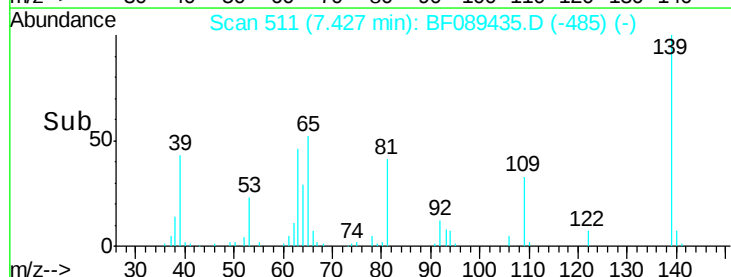
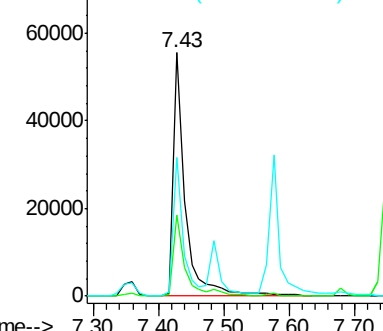
139 100

109 33.2 25.8 38.8

65 57.2 35.2 52.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





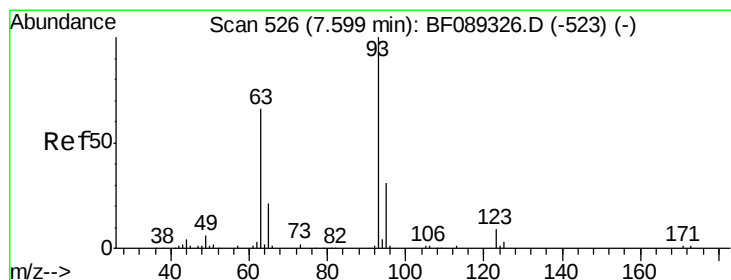
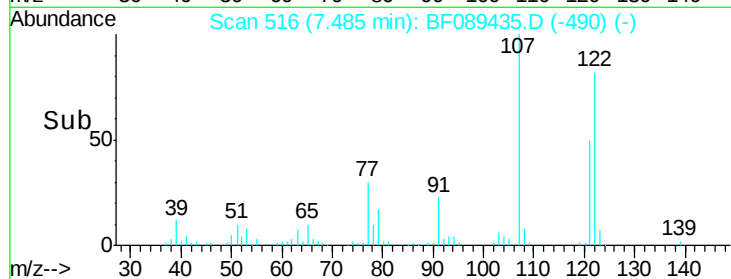
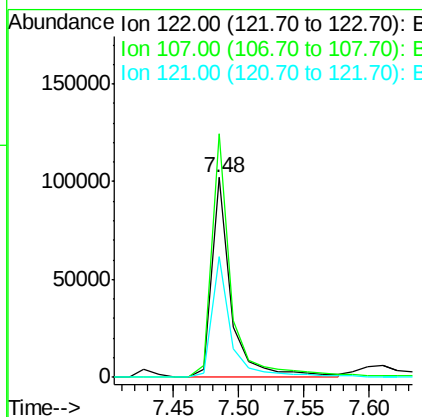
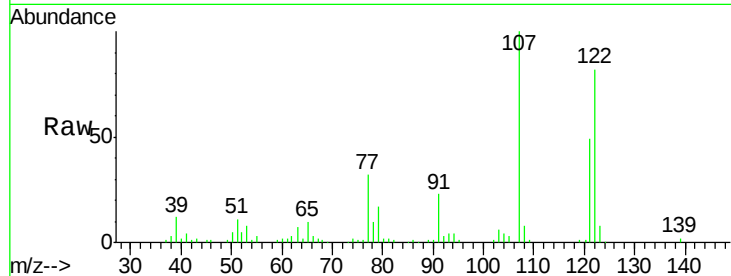
#27
 2,4-Dimethylphenol
 Concen: 40.78 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.OMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105183		
107	121.9	97.2	145.8	
121	60.2	48.8	73.2	

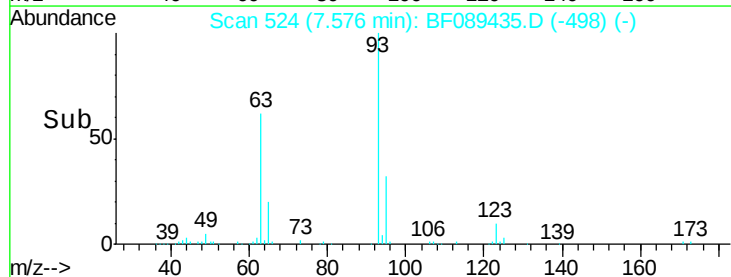
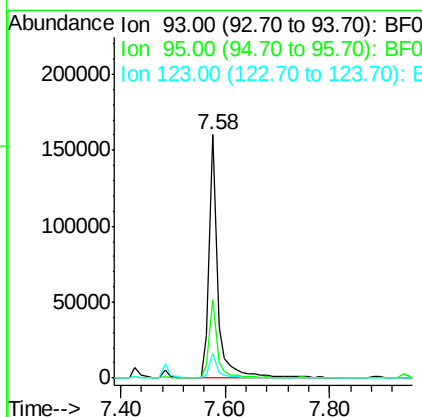
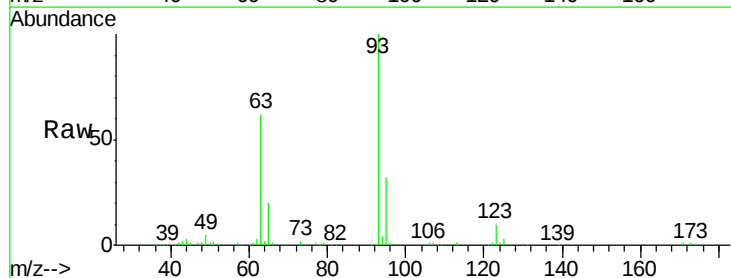
Manual Integrations
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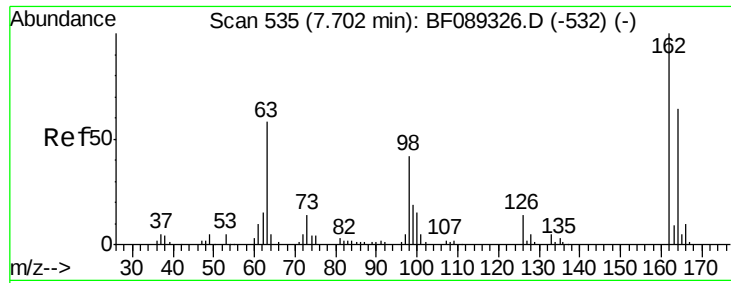
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#28
 bis(2-Chloroethoxy)methane
 Concen: 52.46 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	186136		
95	32.0	24.7	37.1	
123	10.3	7.5	11.3	





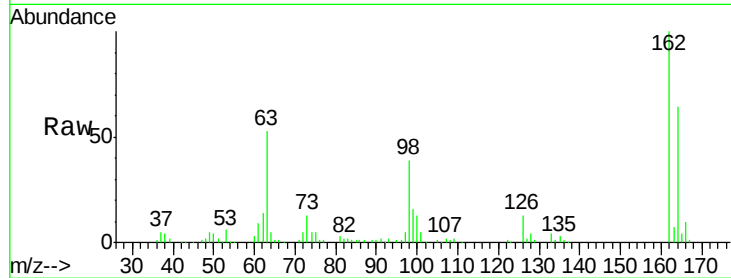
#29
 2,4-Dichlorophenol
 Concen: 46.44 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	44.0	84.0
98	38.5	21.8	61.8

Manual Integrations
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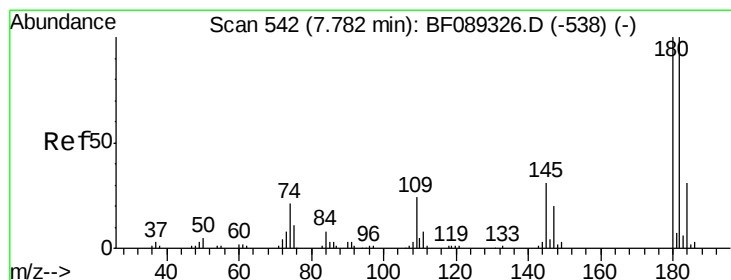
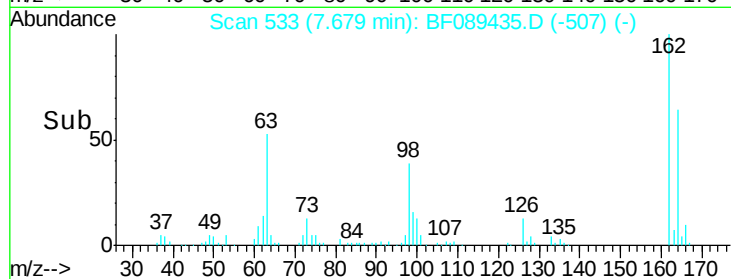
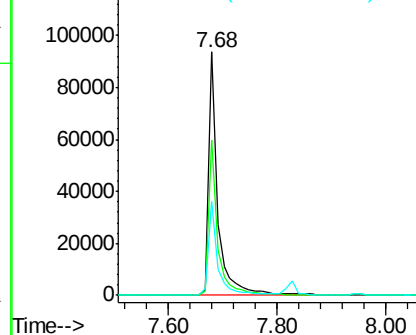


Abundance

Ion 162.00 (161.70 to 162.70): E

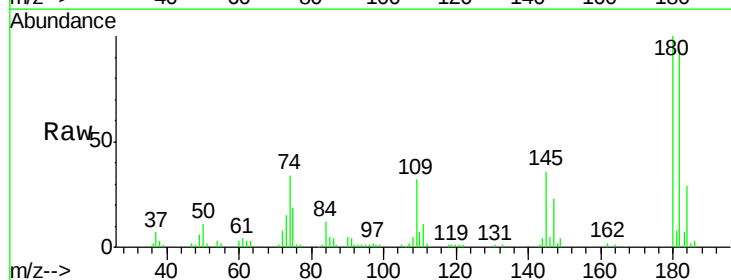
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.56 ng
 RT: 7.75 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	78.2	117.2
145	36.4	24.6	36.8

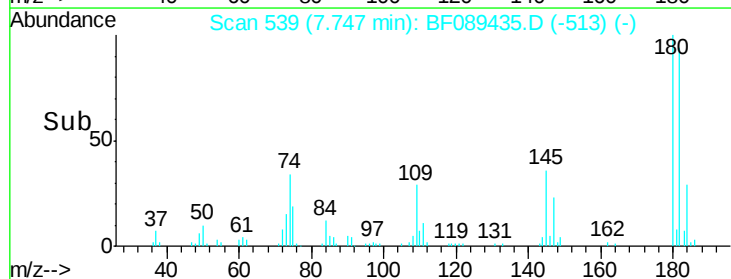
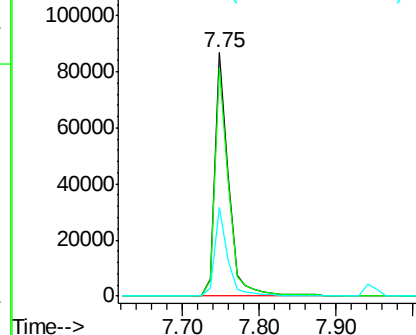


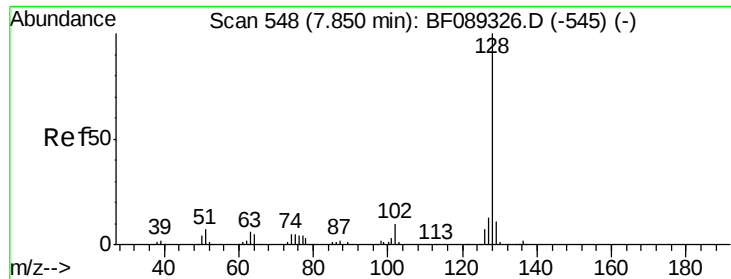
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





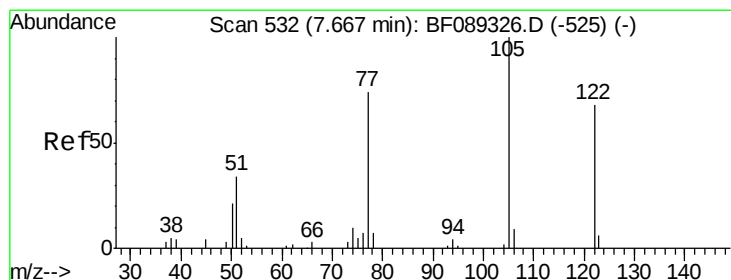
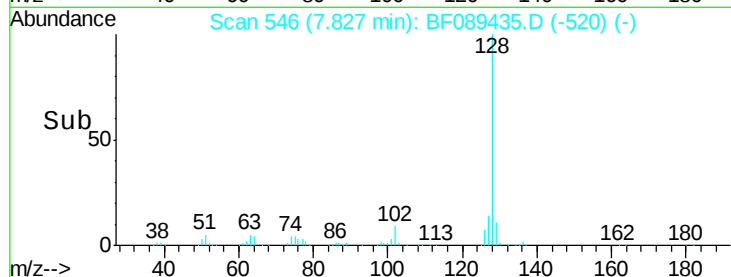
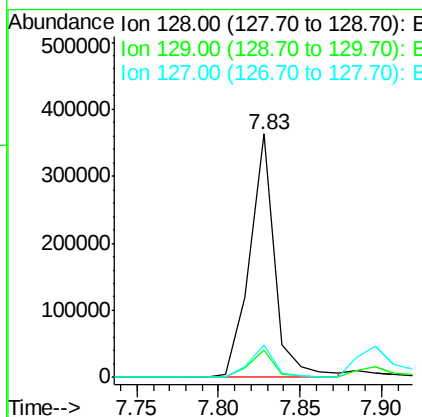
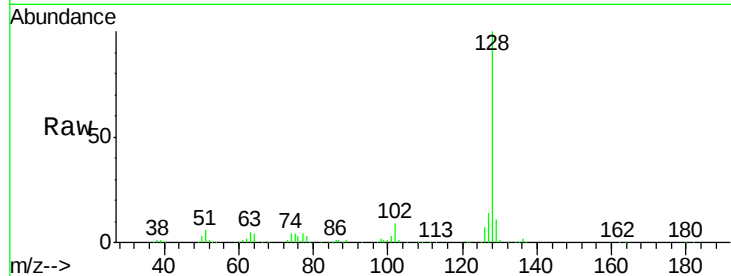
#31
Naphthalene
Concen: 41.62 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	387133		
129	11.1	8.8	13.2	
127	13.6	10.8	16.2	

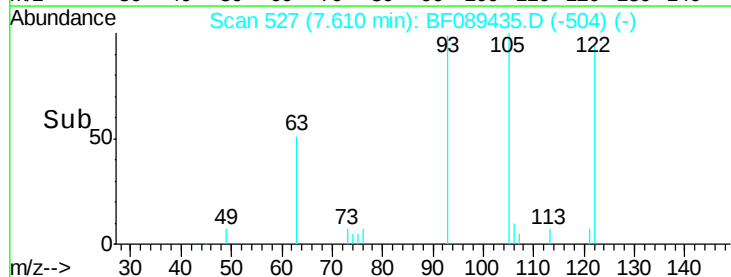
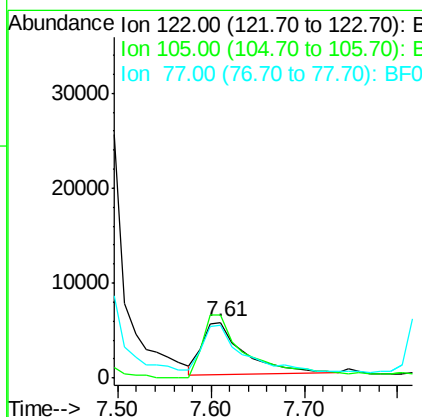
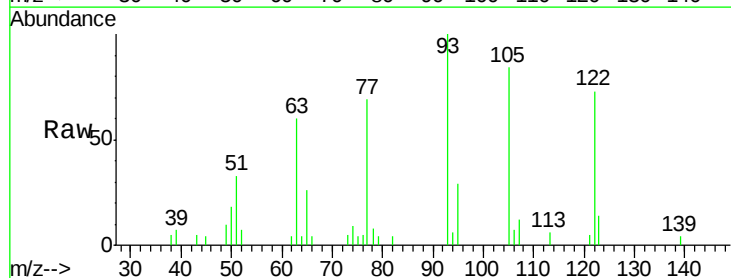
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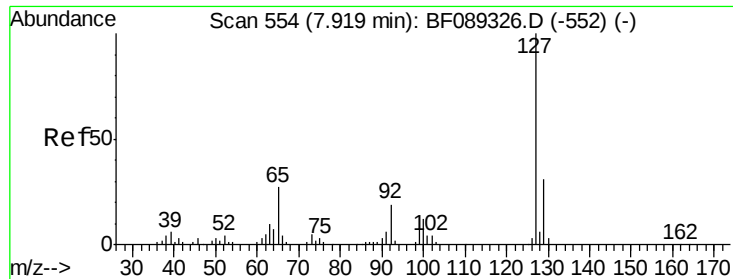
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#32
Benzoic acid
Concen: 9.61 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	17278		
105	114.1	106.4	146.4	
77	94.6	76.4	116.4	





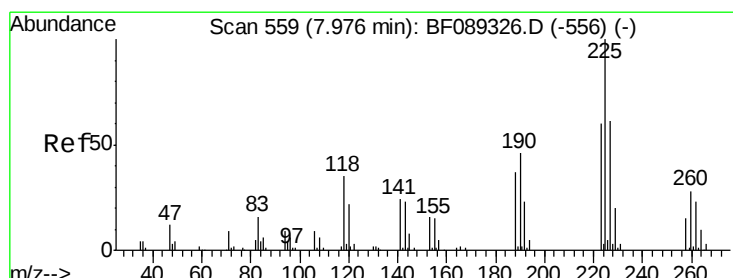
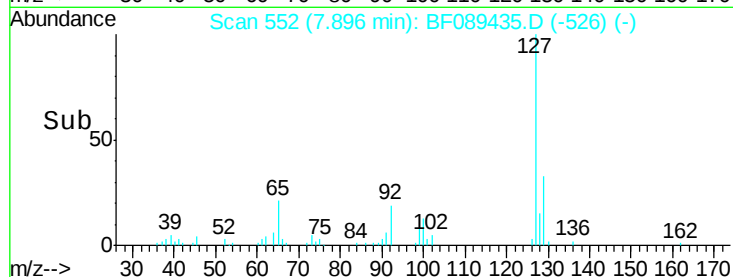
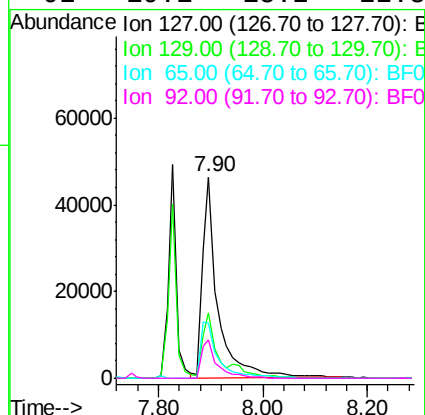
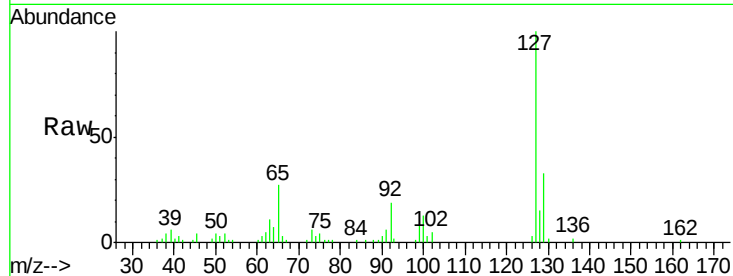
#33
4-Chloroaniline
Concen: 26.75 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.3	22.0	33.0
92	19.1	15.2	22.8

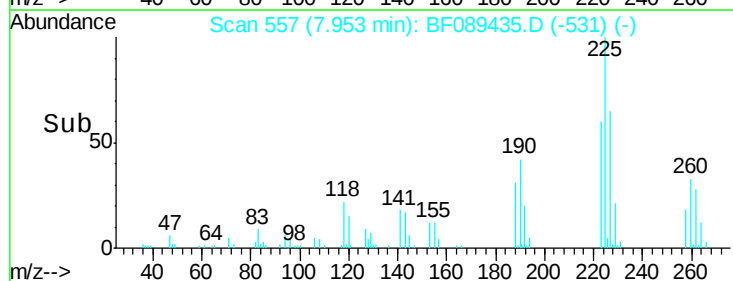
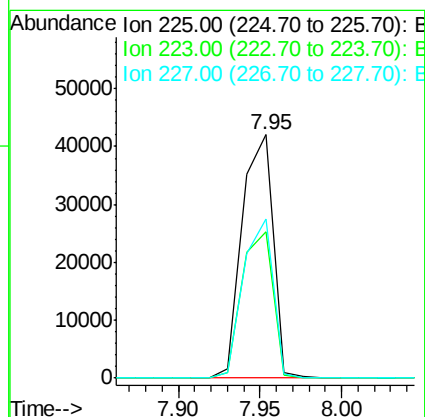
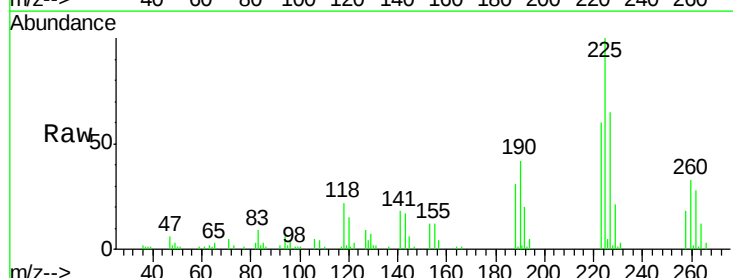
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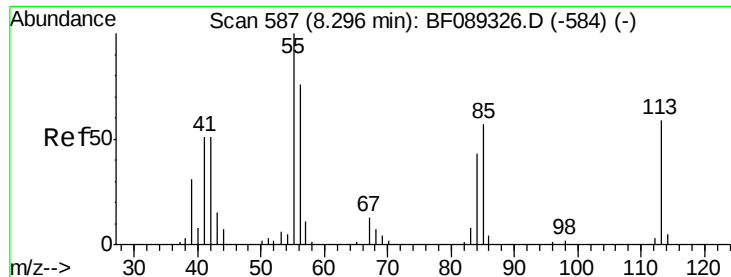
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#34
Hexachlorobutadiene
Concen: 35.82 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.8	74.8
227	65.2	49.4	74.2





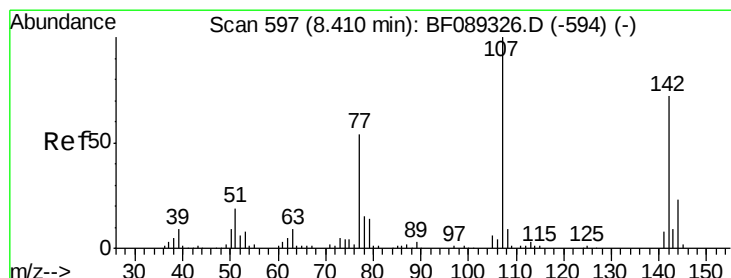
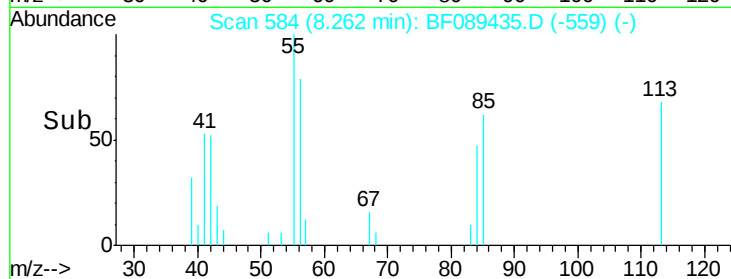
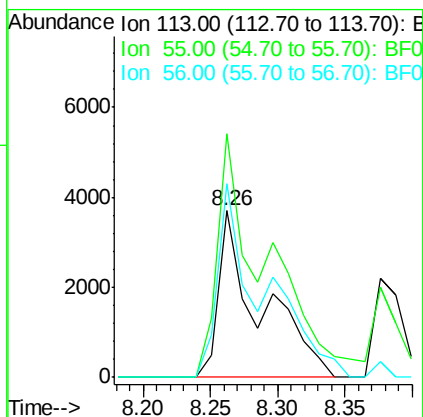
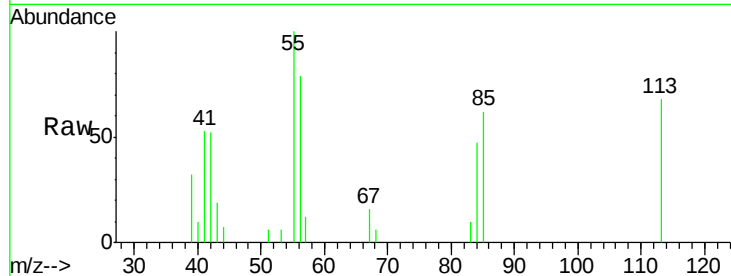
#35
 Caprolactam
 Concen: 11.28 ng m
 RT: 8.26 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion:113 Resp: 8000
 Ion Ratio Lower Upper
 113 100
 55 146.5 142.3 182.3
 56 116.4 105.8 145.8

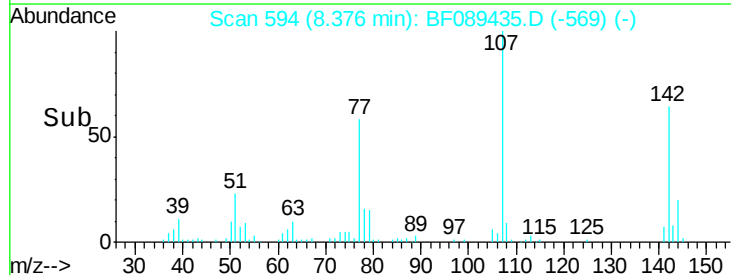
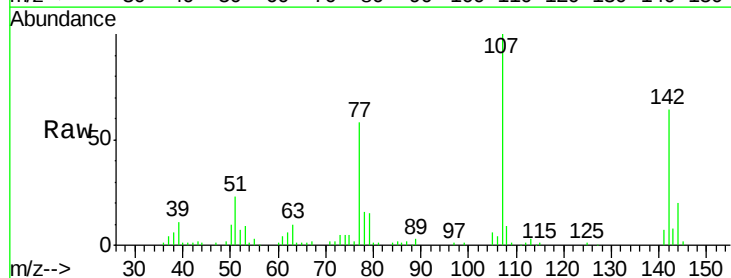
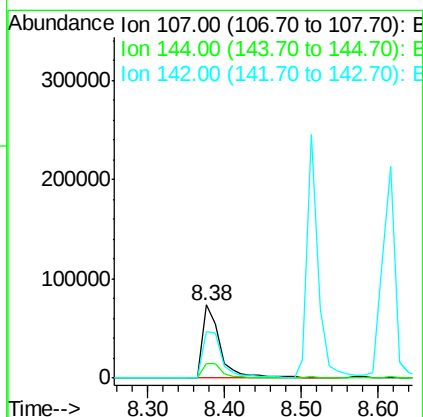
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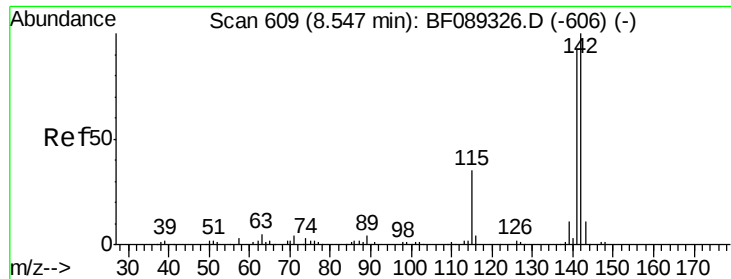
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#36
 4-Chloro-3-methylphenol
 Concen: 41.92 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion:107 Resp: 117110
 Ion Ratio Lower Upper
 107 100
 144 20.3 18.4 27.6
 142 63.9 58.6 87.8





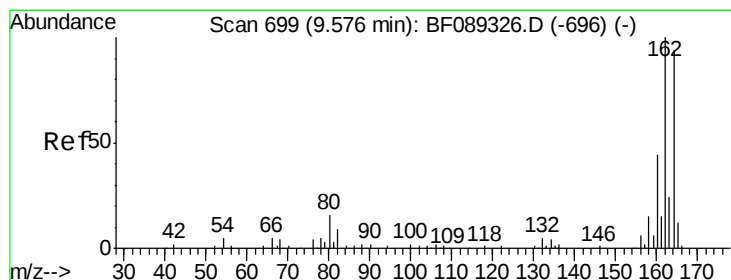
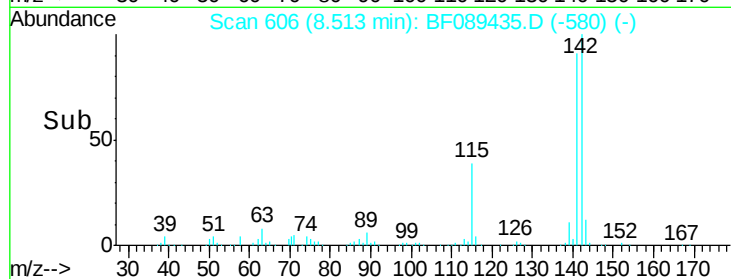
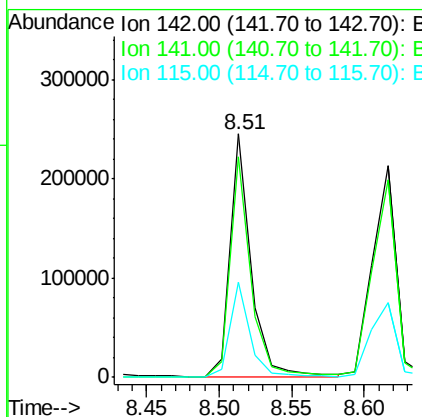
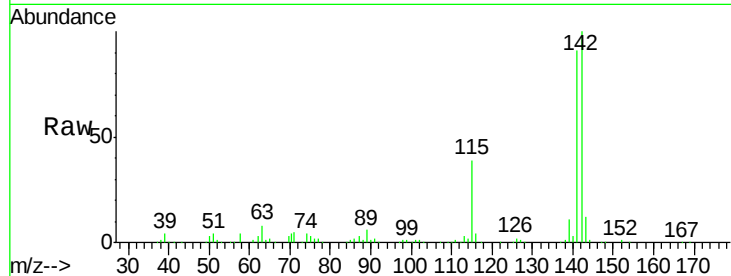
#37
2-Methylnaphthalene
Concen: 44.05 ng
RT: 8.51 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.9	106.3
115	39.3	27.6	41.4

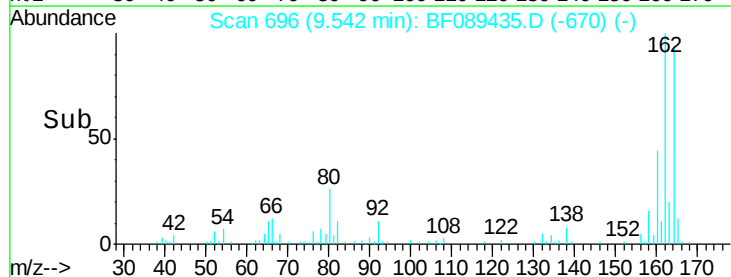
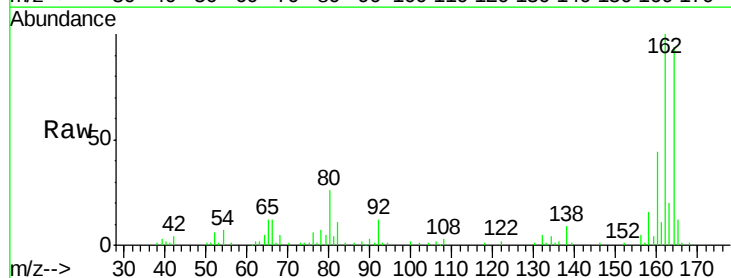
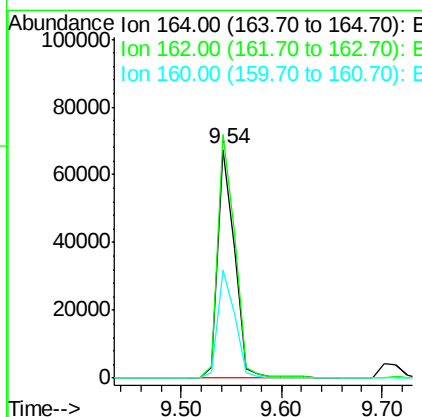
Manual Integrations
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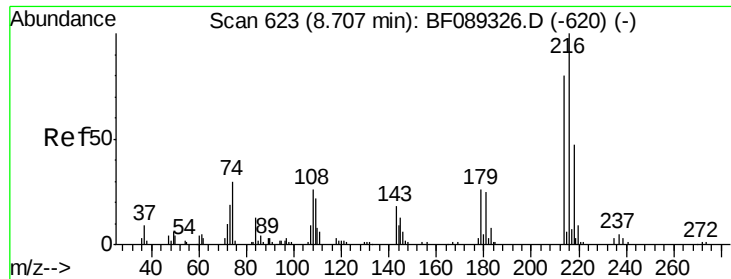
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.7	125.5
160	47.3	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.04 ng

RT: 8.68 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

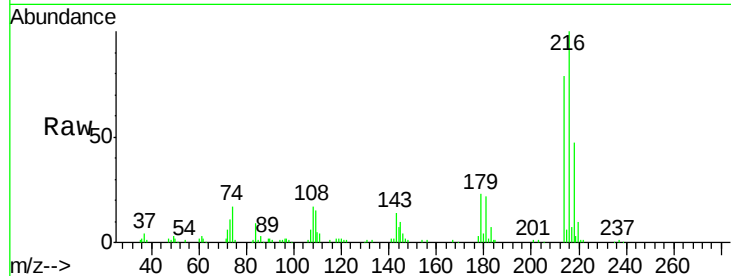
ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion:	216	Resp:	104780
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.3	94.9
179	22.1	18.1	27.1
108	20.2	17.2	25.8

Manual Integrations
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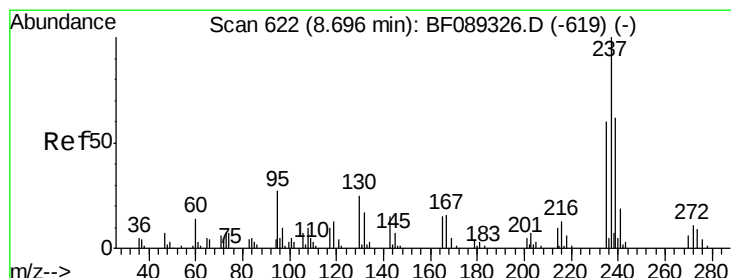
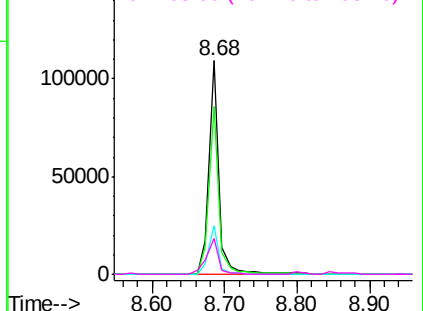
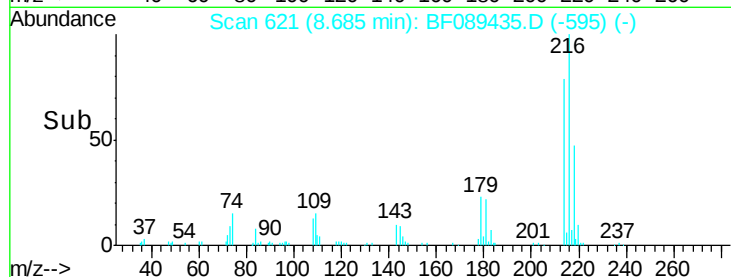


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.58 ng

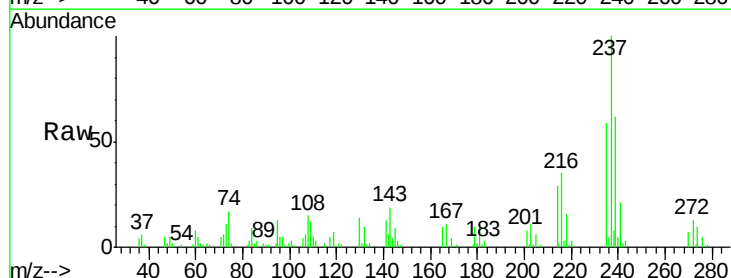
RT: 8.67 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

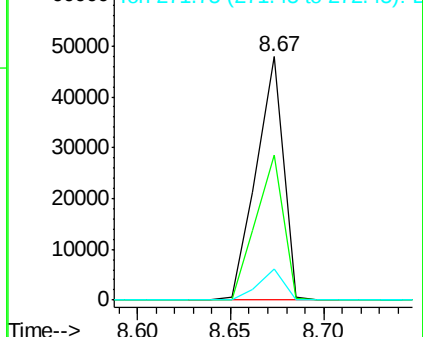
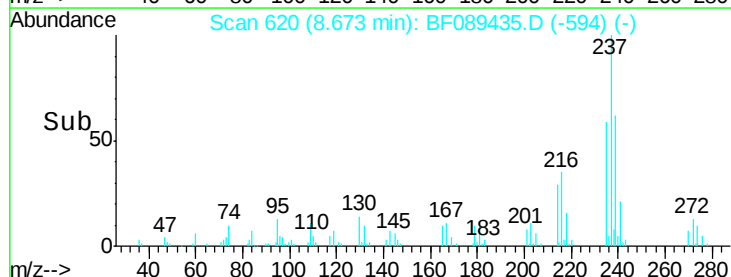
Tgt Ion:	237	Resp:	48303
Ion Ratio	Lower	Upper	
237	100		
235	59.4	41.6	81.6
272	13.0	0.0	30.8

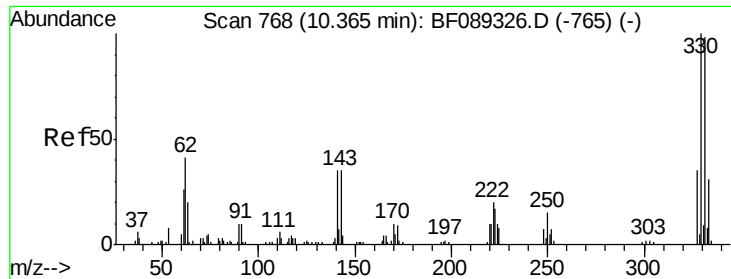


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





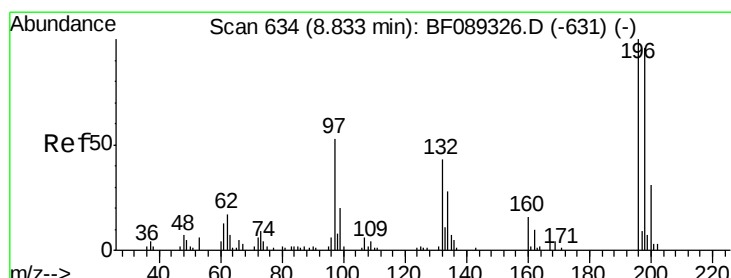
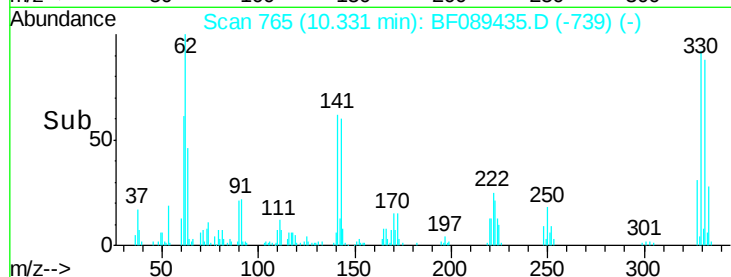
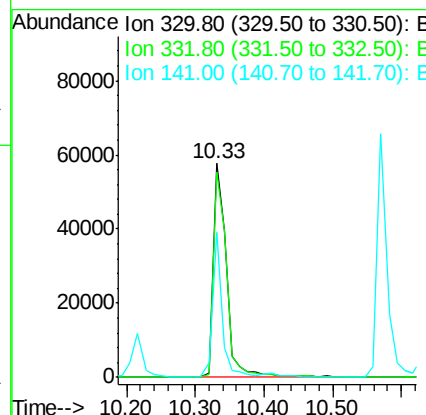
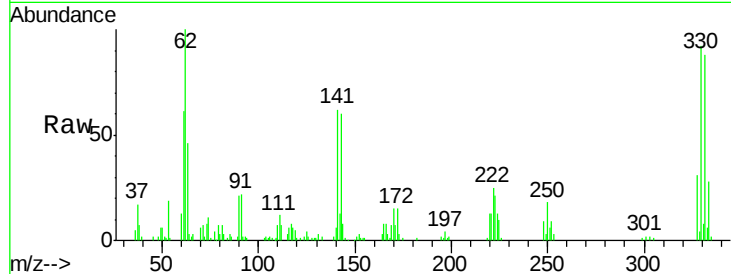
#41
 2,4,6-Tribromophenol
 Concen: 120.23 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	48.8	37.3	55.9

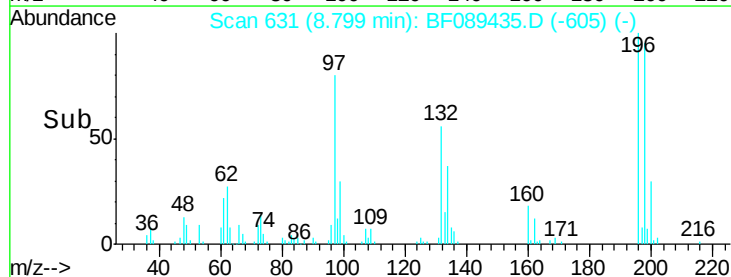
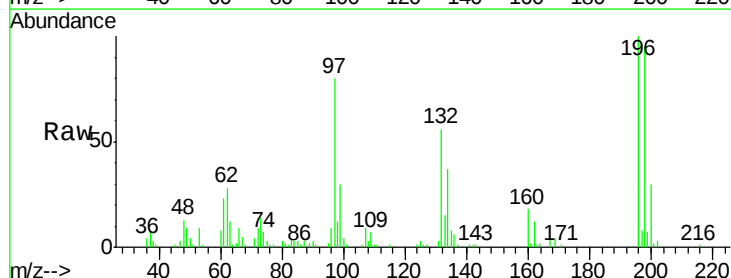
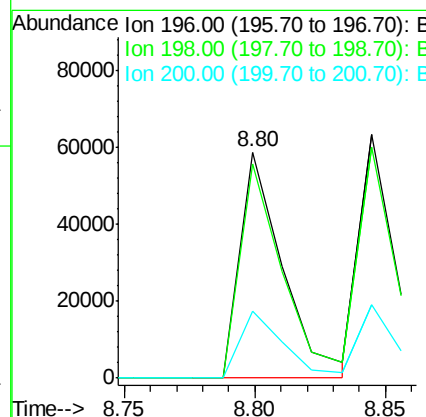
Manual Integrations
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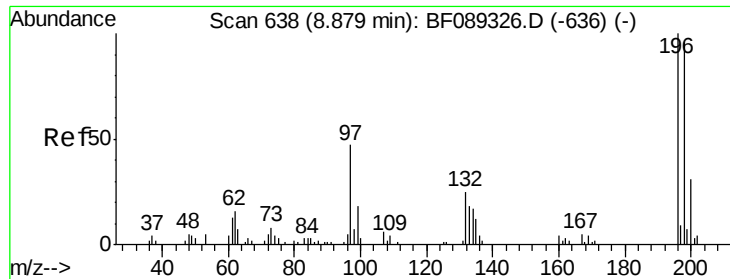
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#42
 2,4,6-Trichlorophenol
 Concen: 51.70 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.5	113.3
200	29.8	23.9	35.9





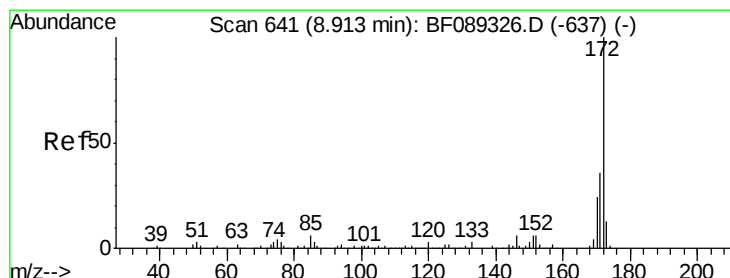
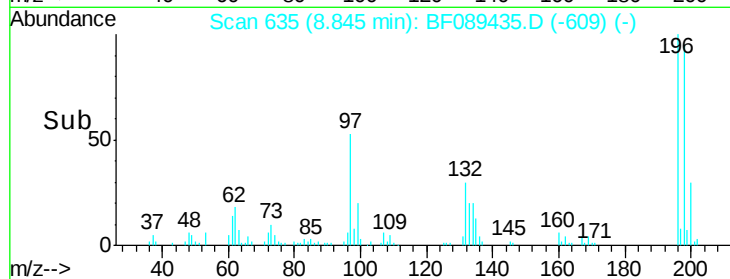
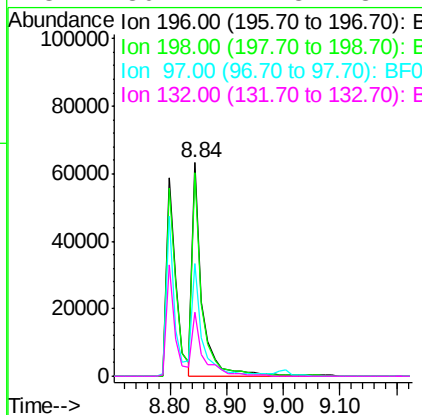
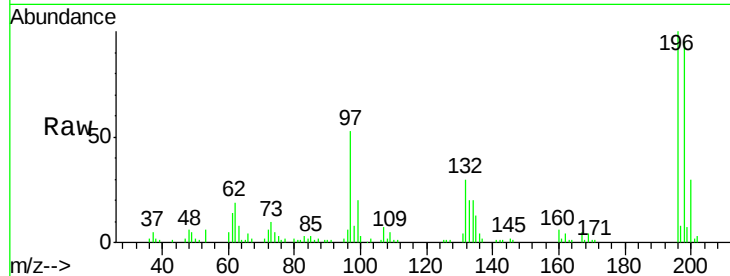
#43
 2,4,5-Trichlorophenol
 Concen: 47.98 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79580		
198	95.0	78.7	118.1	
97	52.7	39.7	59.5	
132	30.1	22.8	34.2	

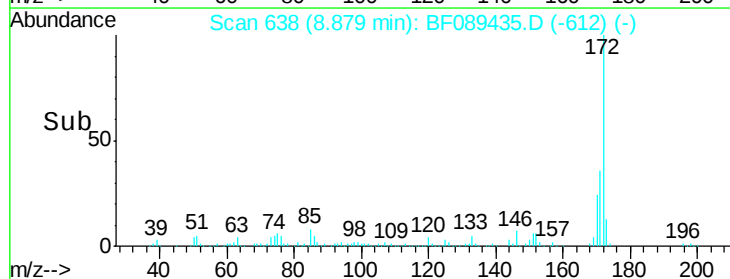
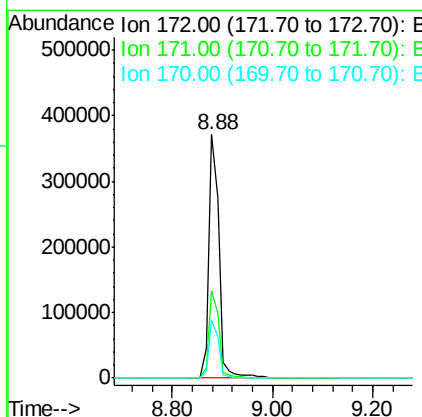
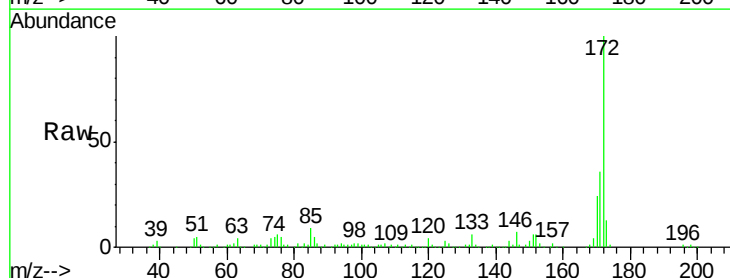
Manual Integrations
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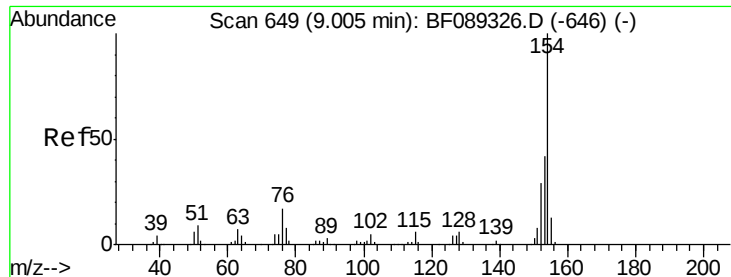
sohil
 8/1/2016 6:59:39 PM



#44
 2-Fluorobiphenyl
 Concen: 97.01 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	520241		
171	35.7	29.2	43.8	
170	23.6	19.2	28.8	





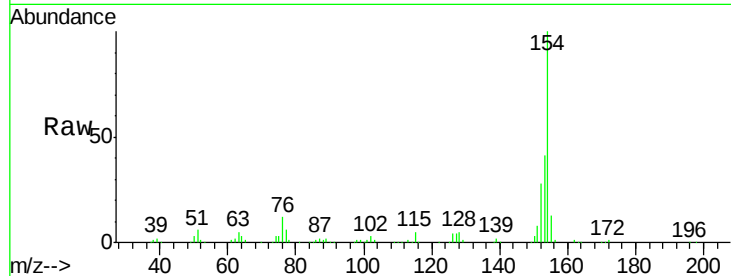
#45
 1,1'-Biphenyl
 Concen: 44.83 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

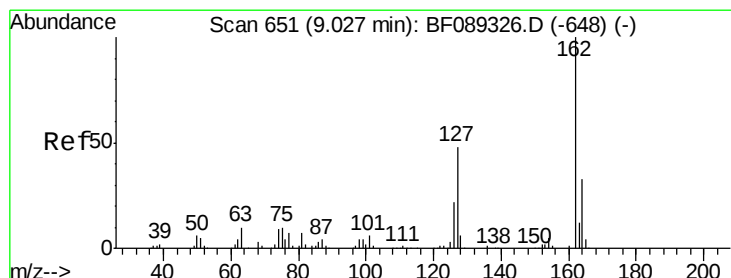
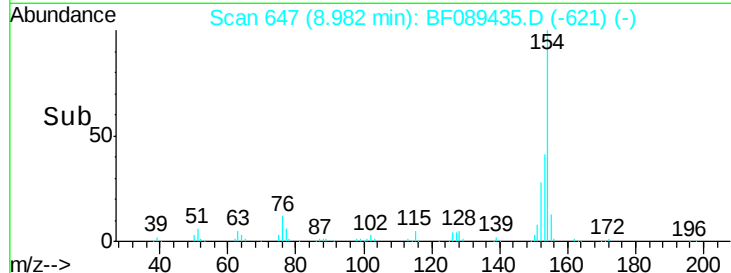
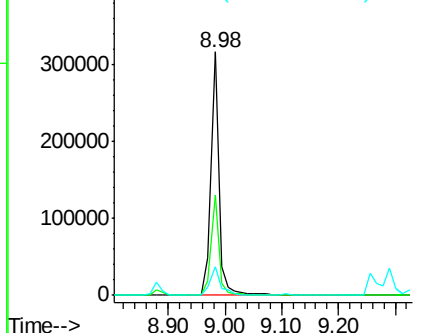
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.0	61.0
76	11.7	0.0	36.6

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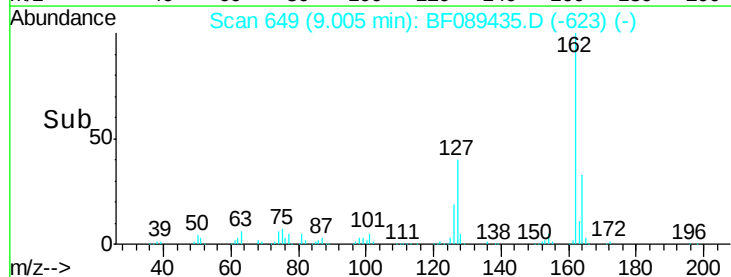
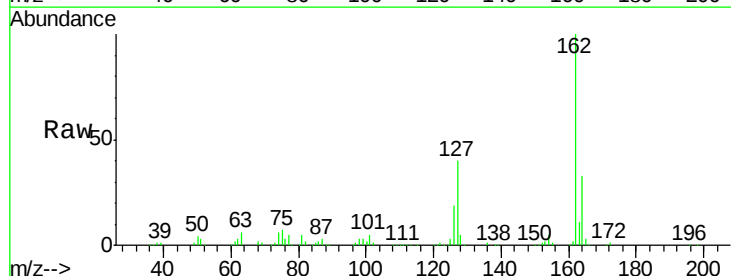
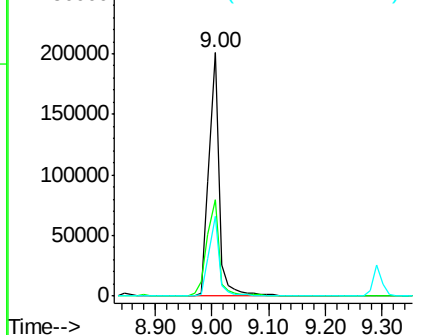
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

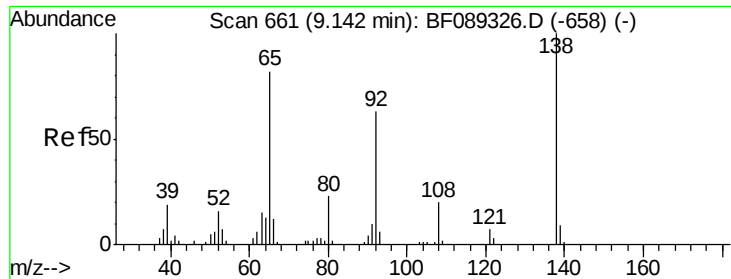


#46
 2-Chloronaphthalene
 Concen: 48.32 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	37.8	56.8
164	32.7	25.8	38.8

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





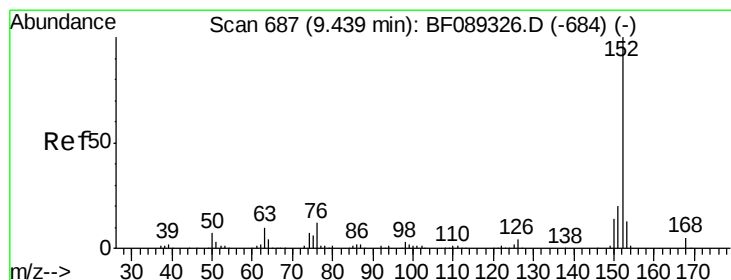
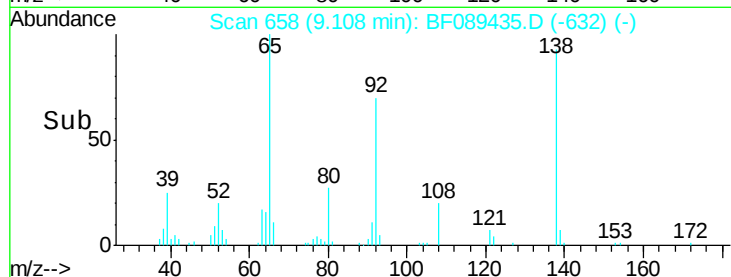
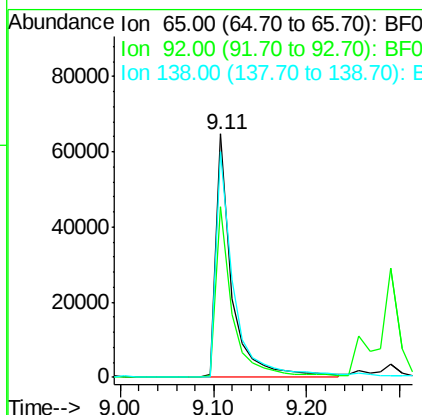
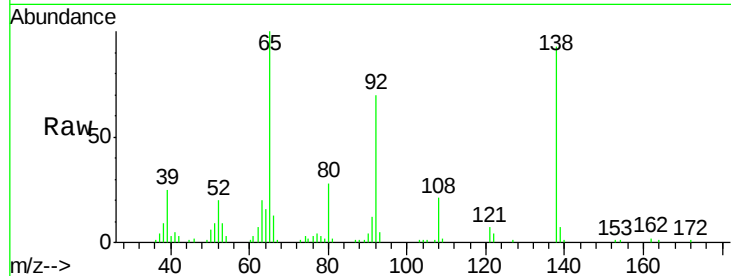
#47
2-Nitroaniline
Concen: 51.75 ng
RT: 9.11 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	77125		
92	69.9	61.0	91.4	
138	92.7	99.1	148.7#	

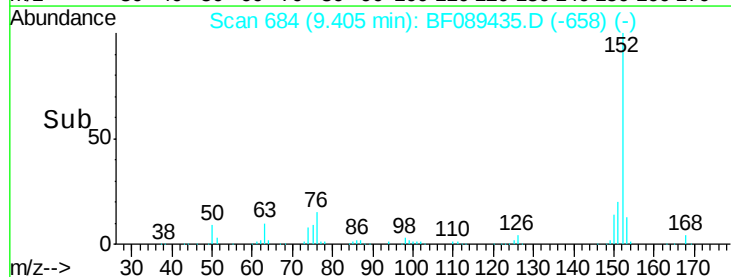
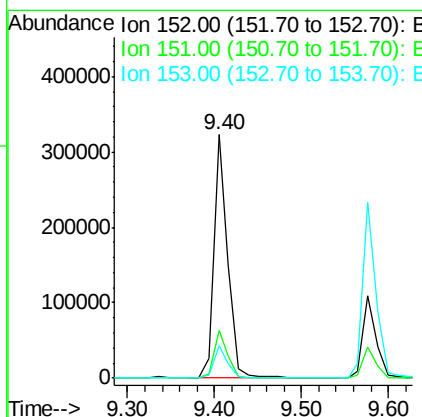
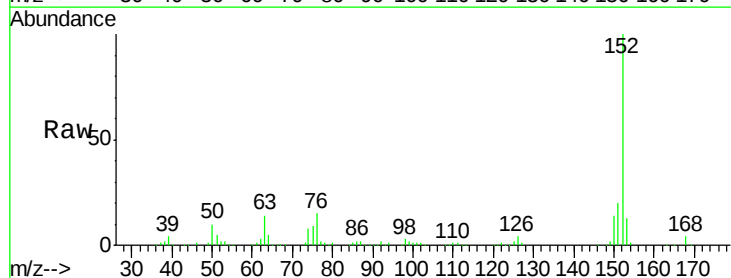
Manual Integrations
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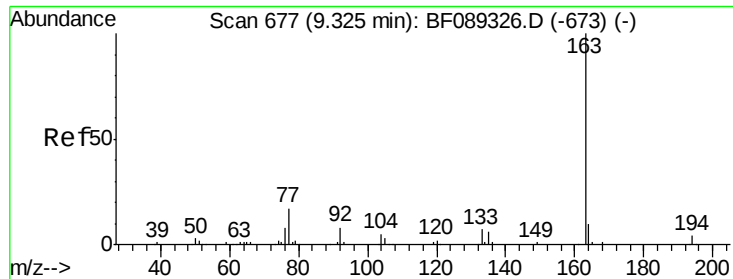
sohil
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#48
Acenaphthylene
Concen: 45.86 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	363519		
151	19.8	16.2	24.2	
153	13.2	10.2	15.4	





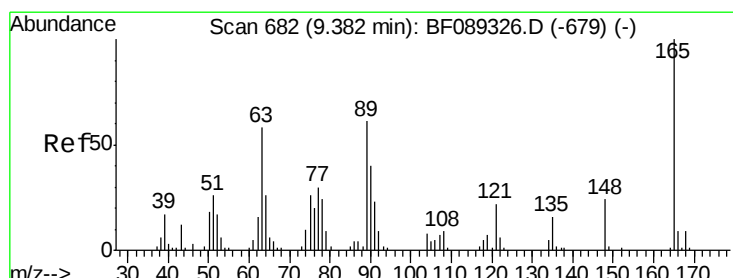
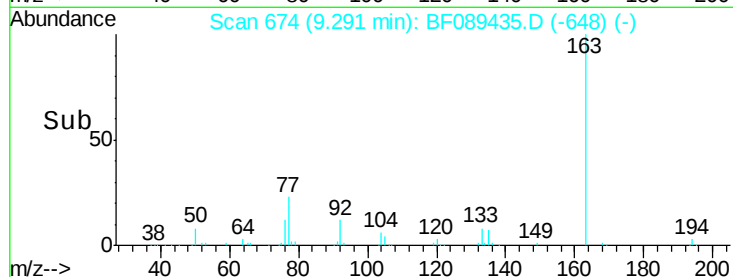
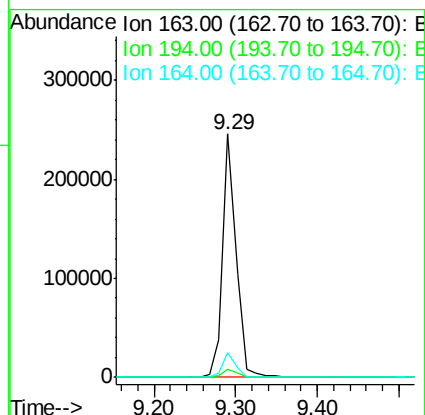
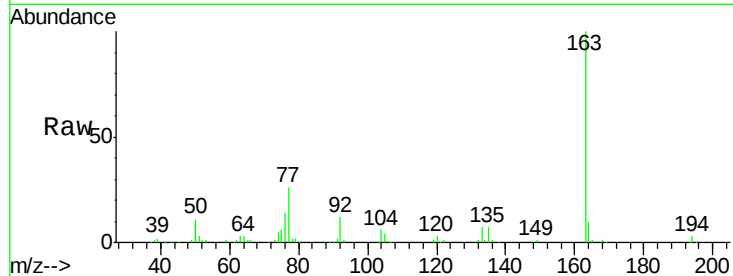
#49
Dimethylphthalate
Concen: 46.80 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.8	4.2
164	10.2	7.8	11.8

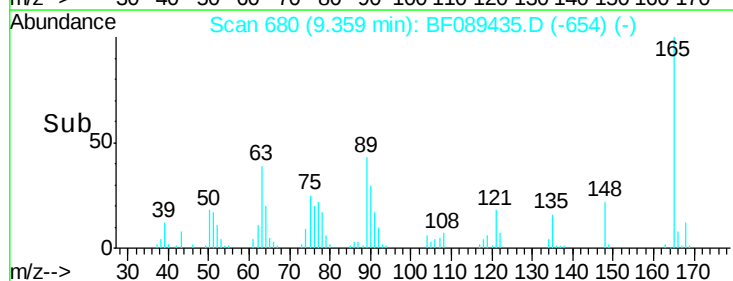
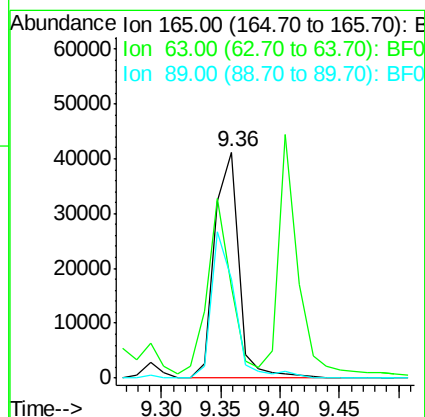
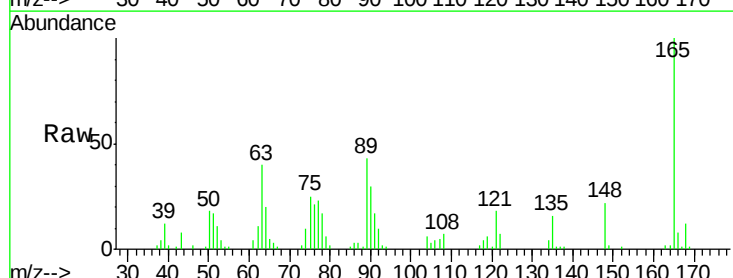
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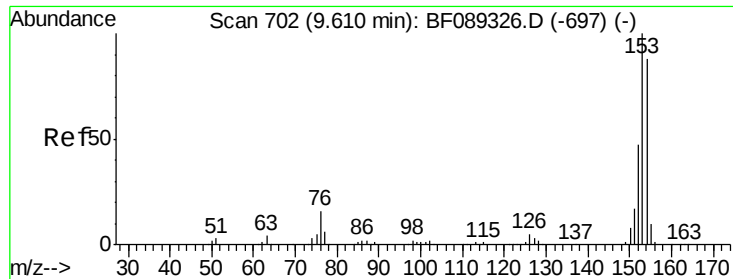
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#50
2,6-Dinitrotoluene
Concen: 47.32 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.4	43.5	65.3#
89	43.5	45.0	67.4#





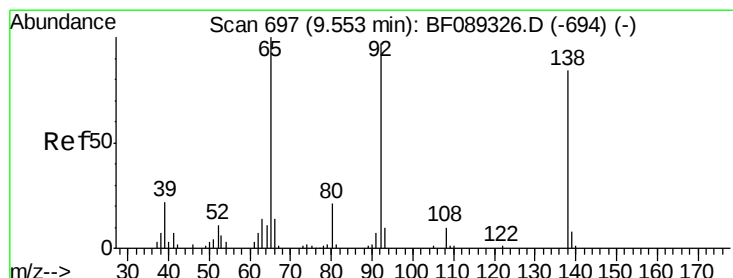
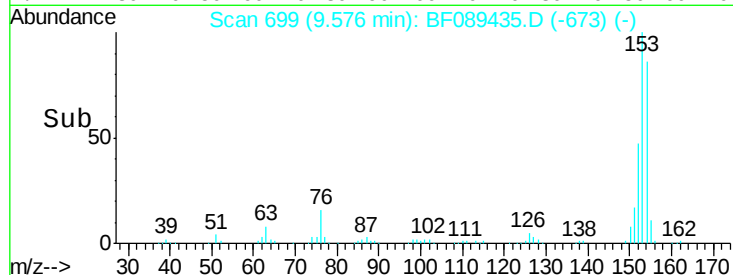
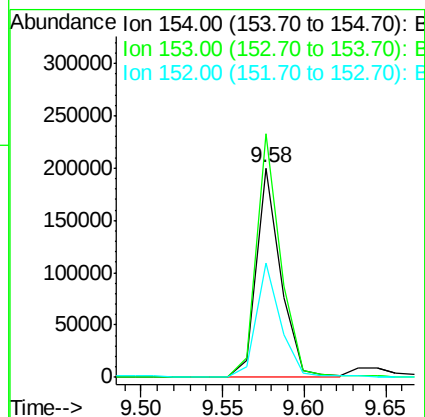
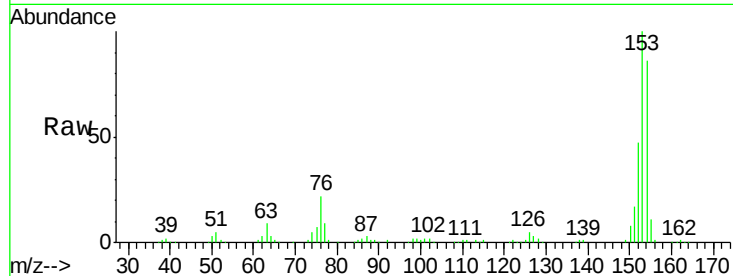
#51
Acenaphthene
Concen: 45.11 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion:154 Resp: 208826
Ion Ratio Lower Upper
154 100
153 116.3 91.4 137.2
152 54.3 43.8 65.6

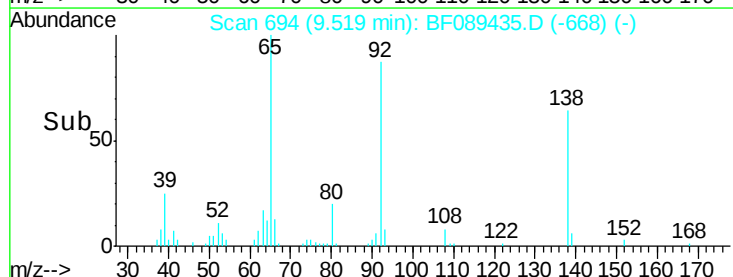
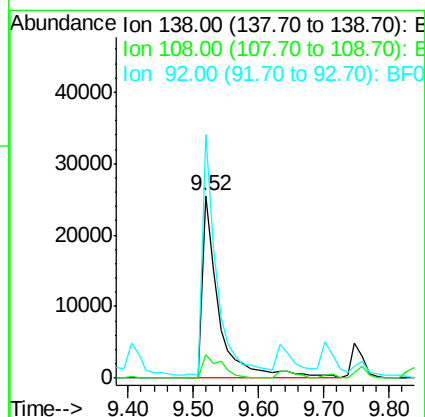
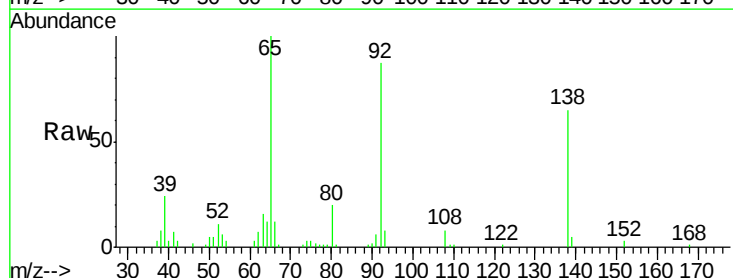
Manual Integrations
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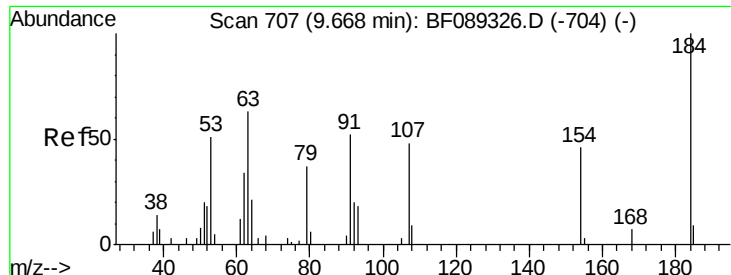
sohil
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#52
3-Nitroaniline
Concen: 34.40 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion:138 Resp: 44679
Ion Ratio Lower Upper
138 100
108 12.7 8.6 13.0
92 133.3 90.0 135.0





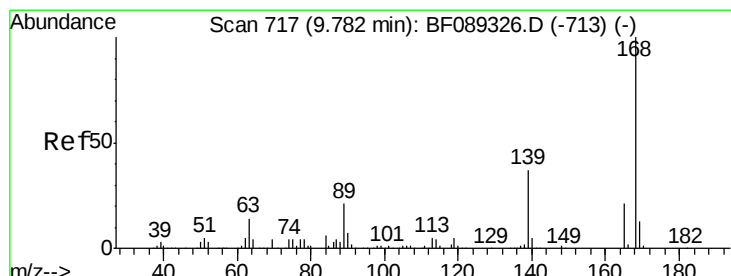
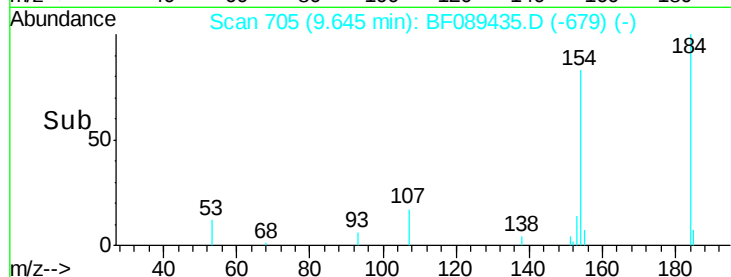
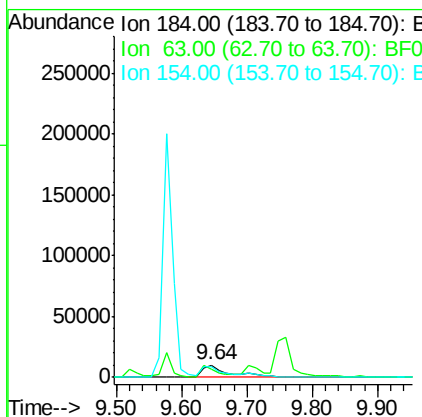
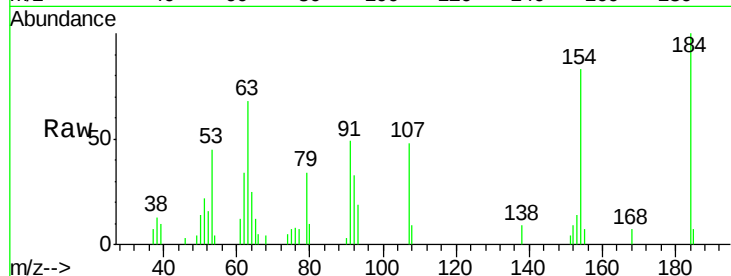
#53
2,4-Dinitrophenol
Concen: 60.86 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	30104		
63	68.2	60.6	90.8	
154	83.4	69.8	104.8	

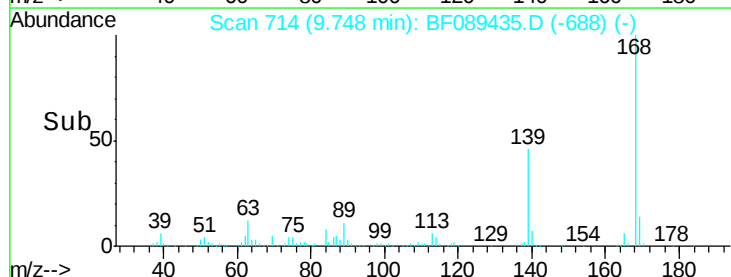
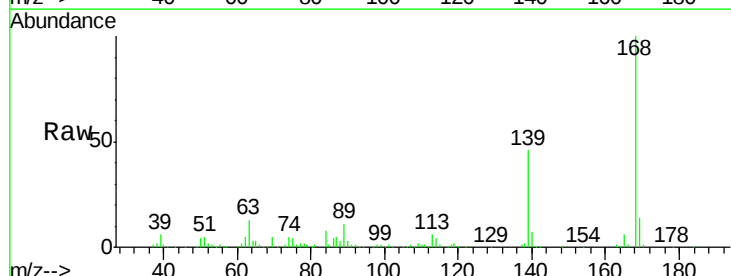
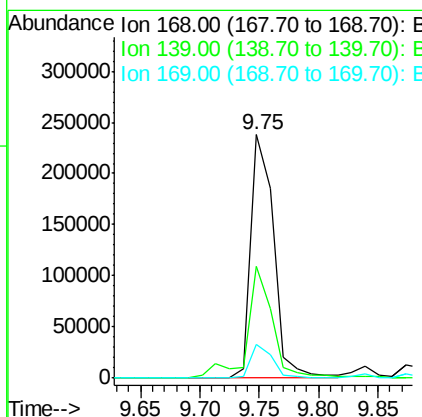
Manual Integrations
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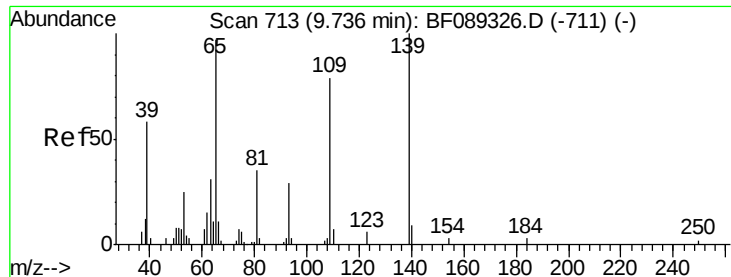
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#54
Dibenzofuran
Concen: 51.38 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	324077		
139	45.8	33.7	50.5	
169	13.7	10.7	16.1	





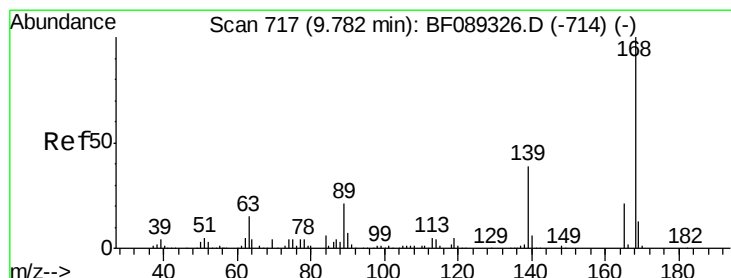
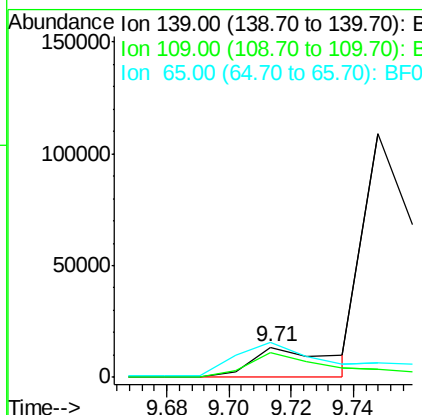
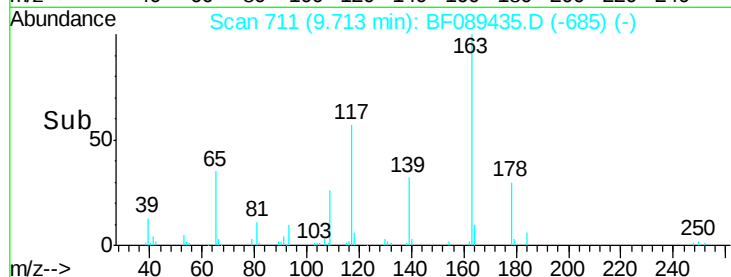
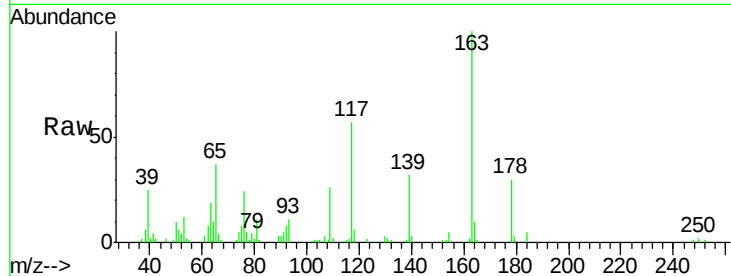
#55
4-Nitrophenol
Concen: 41.94 ng m
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	24515		
109	80.2	57.8	97.8	
65	114.1	81.7	121.7	

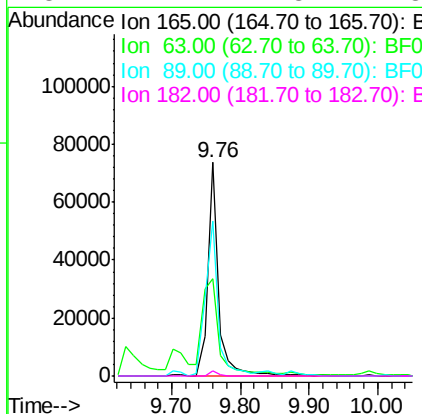
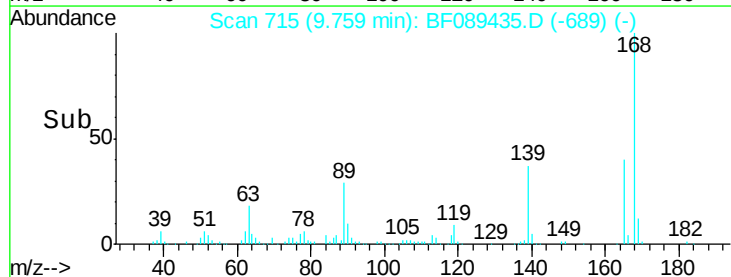
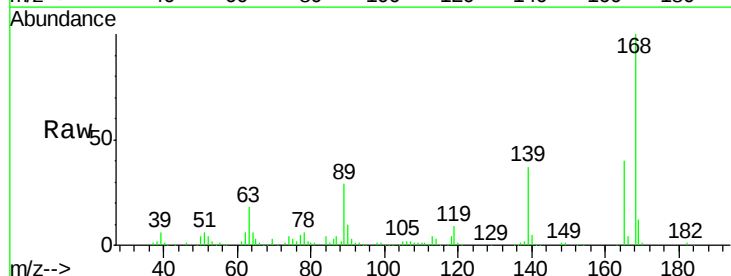
Manual Integrations
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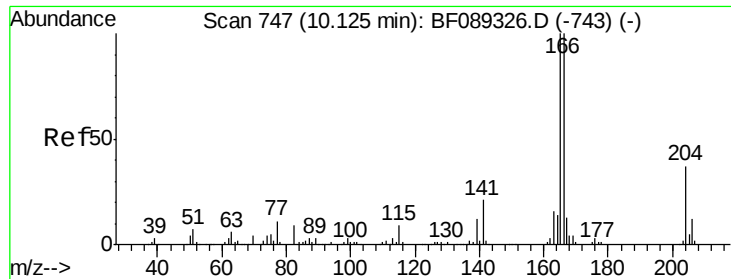
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#56
2,4-Dinitrotoluene
Concen: 49.92 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80883		
63	45.3	58.2	87.2#	
89	72.5	79.1	118.7#	
182	2.7	1.8	2.8	





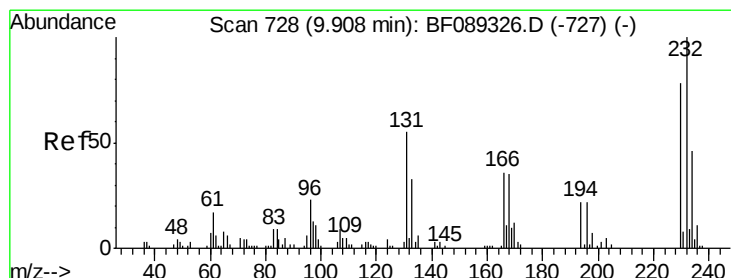
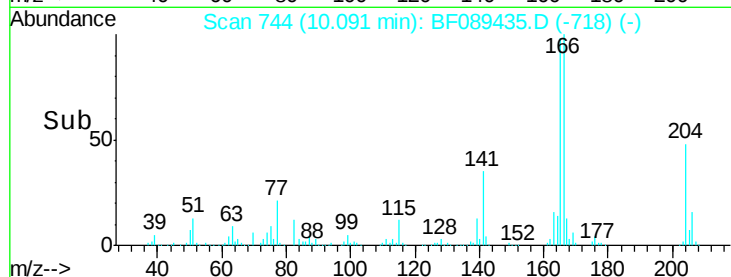
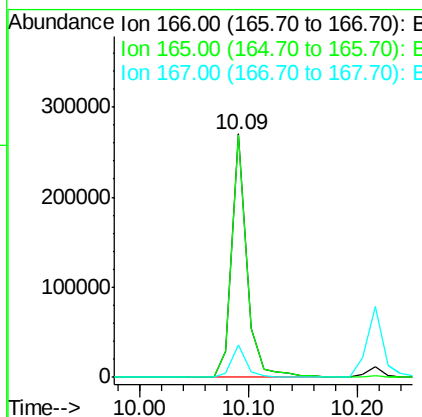
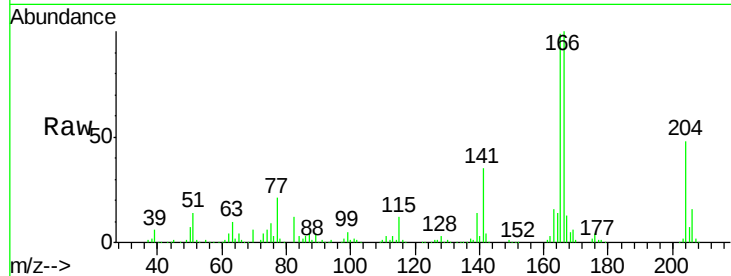
#57
Fluorene
 Concen: 47.14 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	259576		
165	99.4	79.0	118.4	
167	13.5	10.2	15.2	

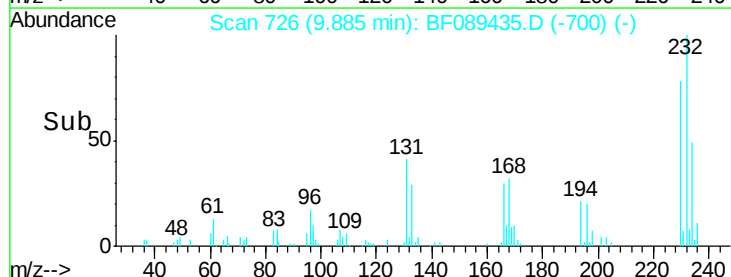
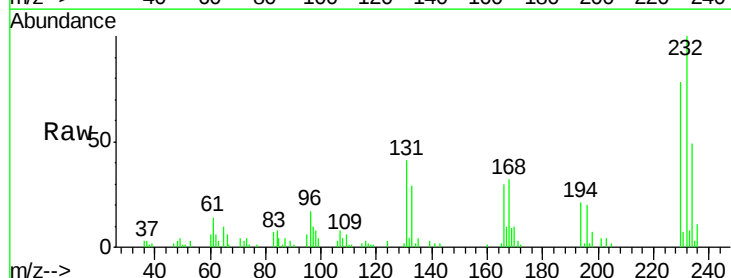
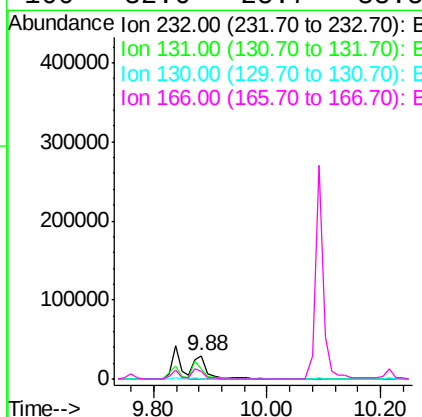
Manual Integrations
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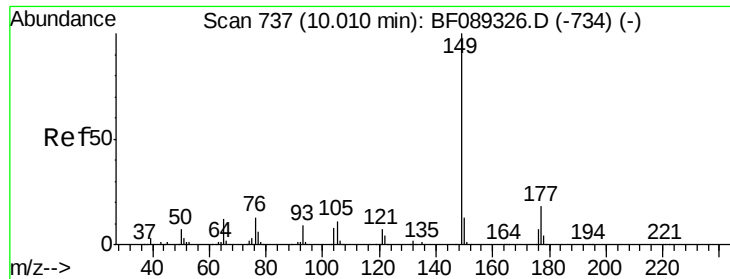
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.88 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	54134		
131	56.6	42.7	64.1	
130	2.5	1.7	2.5#	
166	32.6	25.7	38.5	





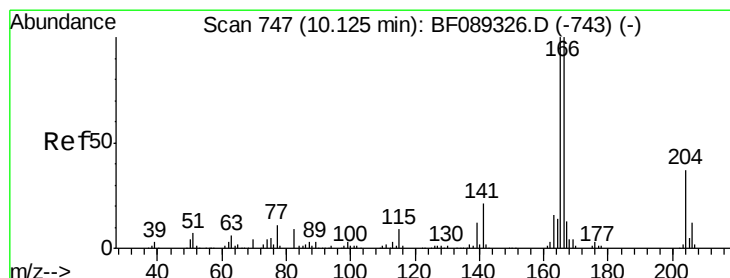
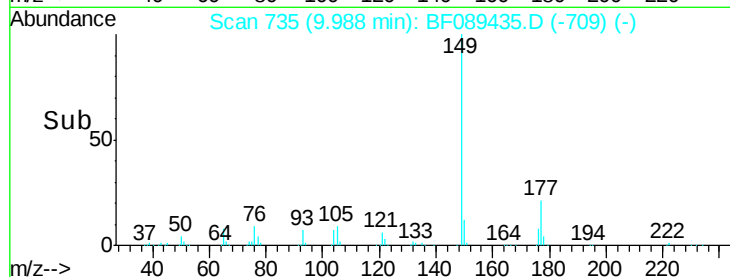
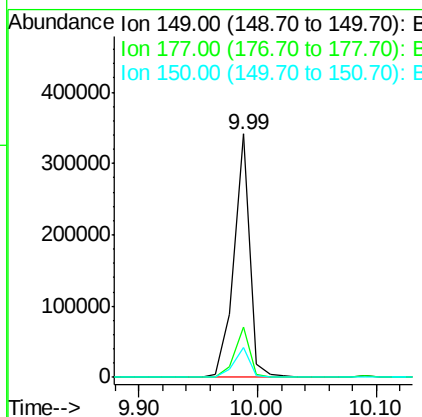
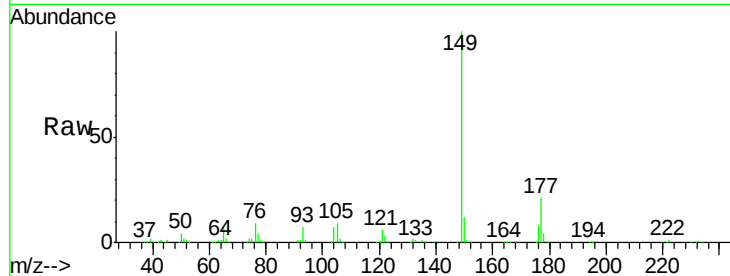
#59
Diethylphthalate
Concen: 52.04 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	316036		
177	20.5	15.1	22.7	
150	12.3	10.2	15.4	

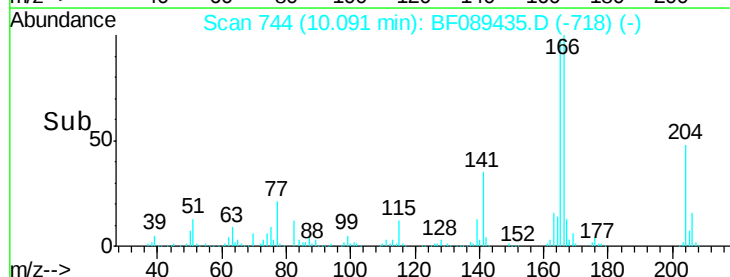
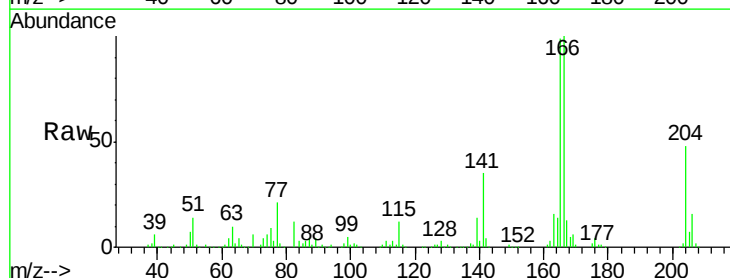
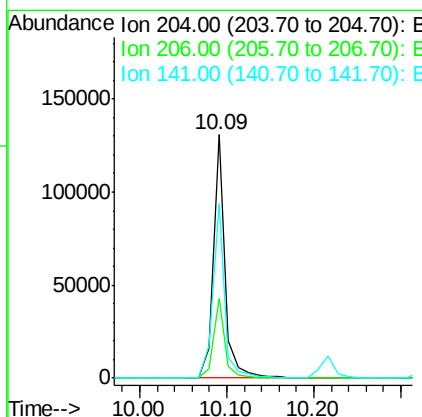
Manual Integrations
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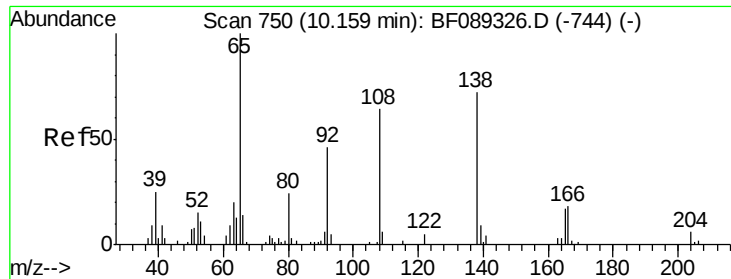
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#60
4-Chlorophenyl-phenylether
Concen: 48.96 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	123667		
206	32.6	26.6	39.8	
141	71.5	46.6	70.0	





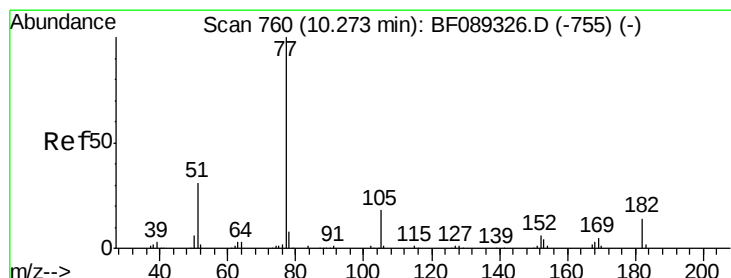
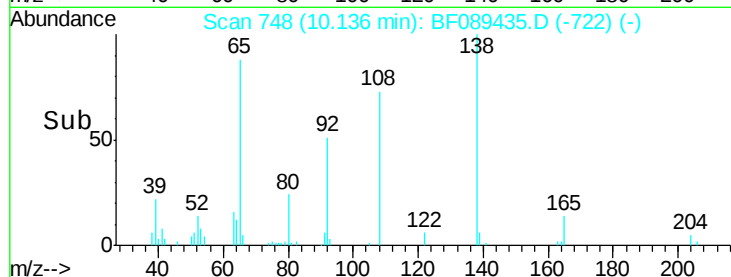
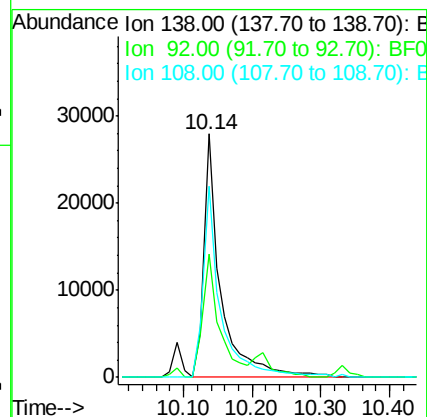
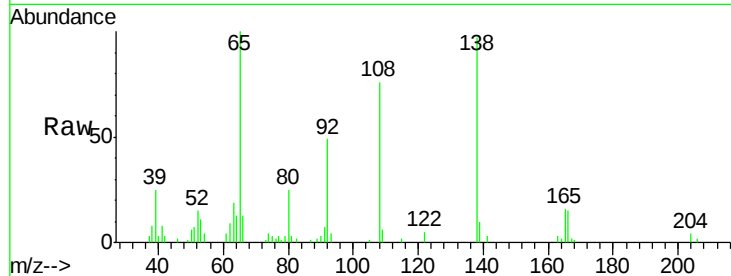
#61
4-Nitroaniline
Concen: 35.17 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion: 138 Resp: 47086
Ion Ratio Lower Upper
138 100
92 50.6 41.2 81.2
108 78.3 69.6 109.6

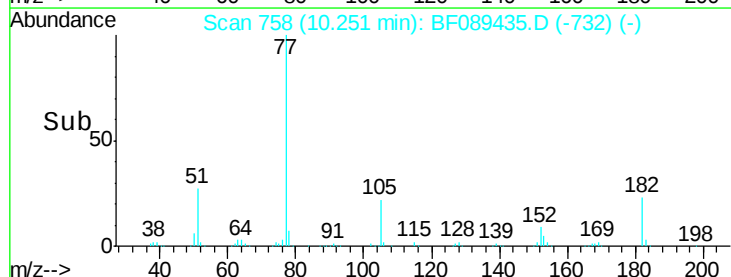
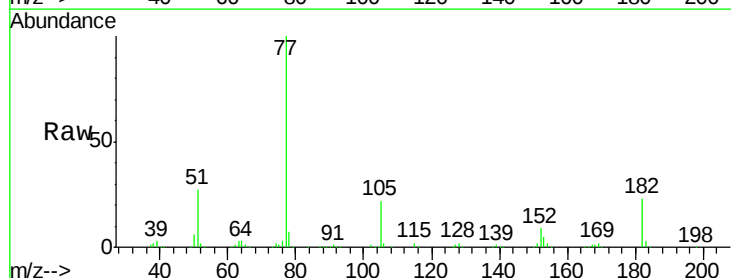
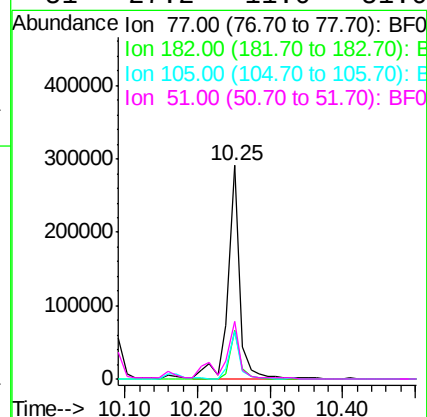
Manual Integrations
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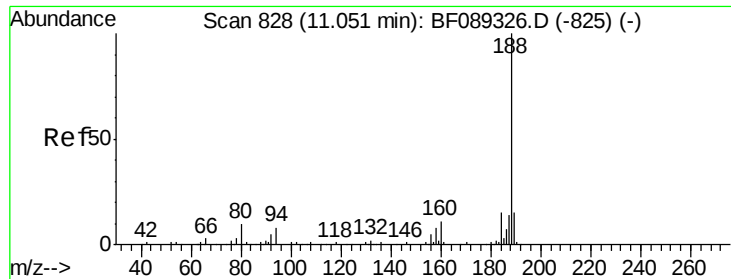
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#62
Azobenzene
Concen: 52.21 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion: 77 Resp: 326504
Ion Ratio Lower Upper
77 100
182 22.7 0.0 33.8
105 22.2 0.0 39.8
51 27.2 11.0 51.0





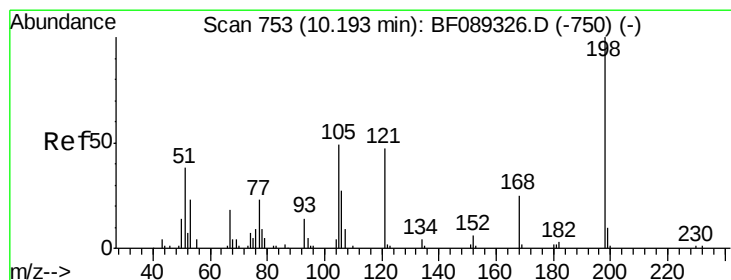
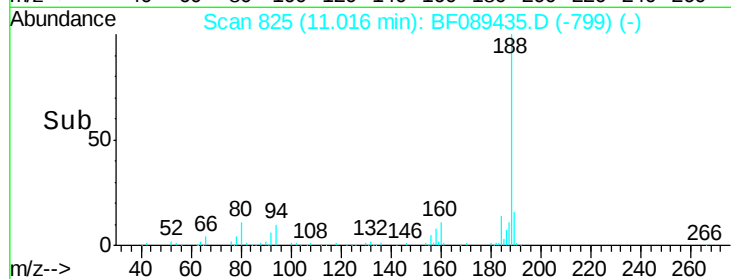
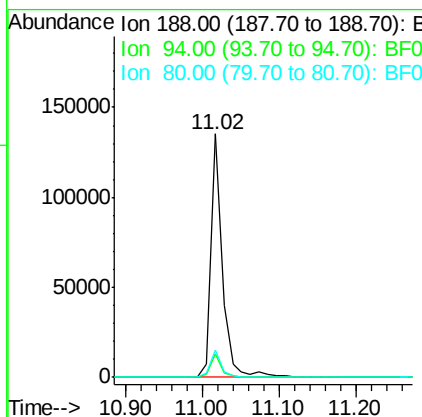
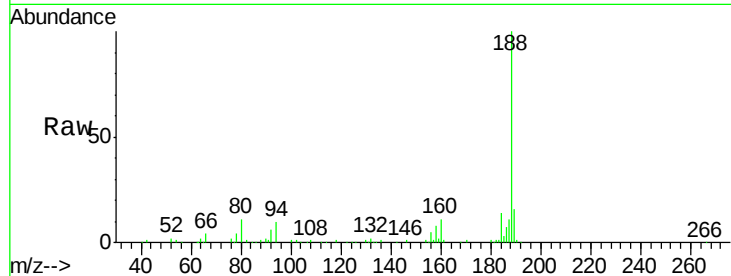
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	139119		
94	9.6	6.5	9.7	
80	11.2	7.2	10.8	

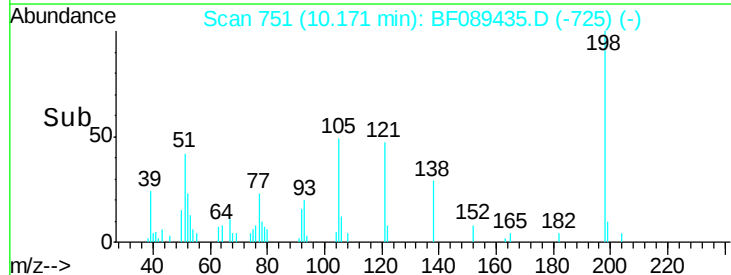
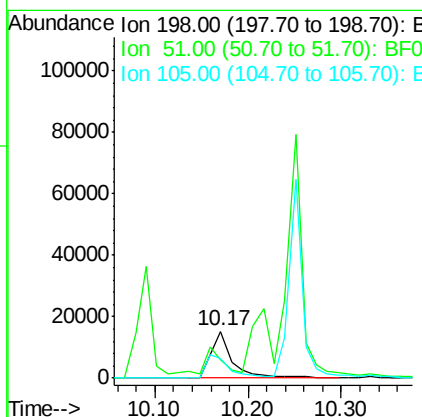
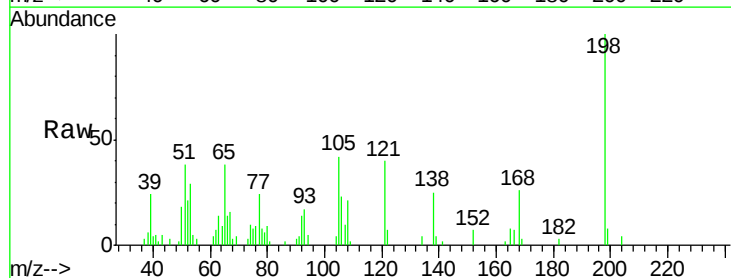
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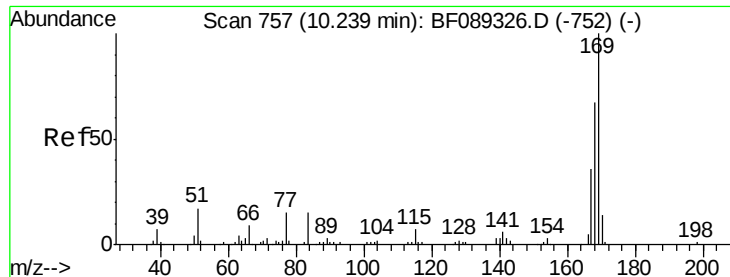
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.32 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23985		
51	38.0	23.0	63.0	
105	42.1	28.3	68.3	





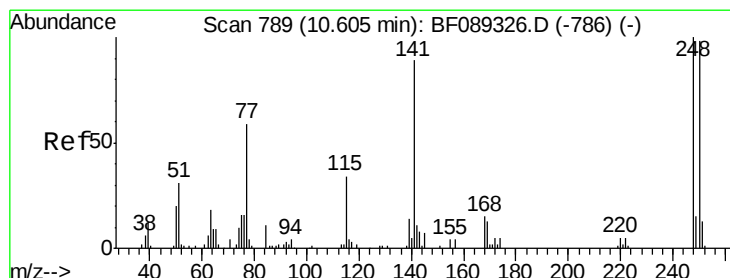
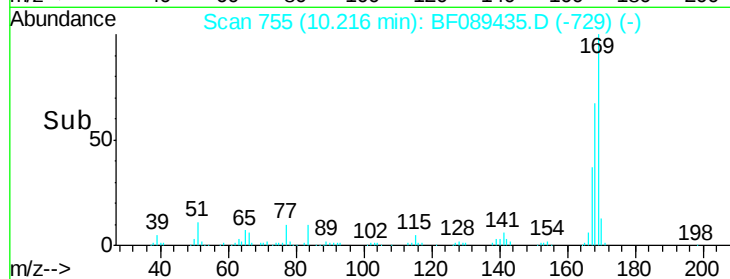
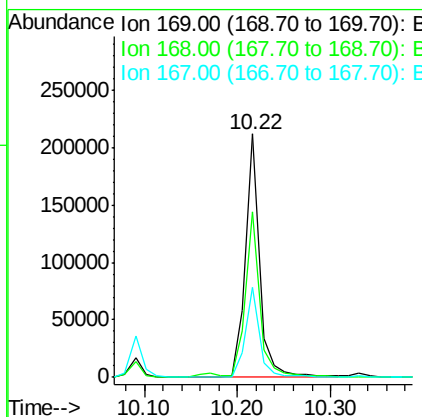
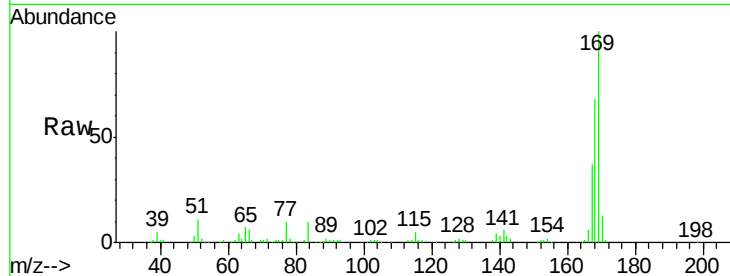
#65
n-Nitrosodiphenylamine
Concen: 52.20 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	226586		
168	67.9	55.4	83.0	
167	37.1	29.7	44.5	

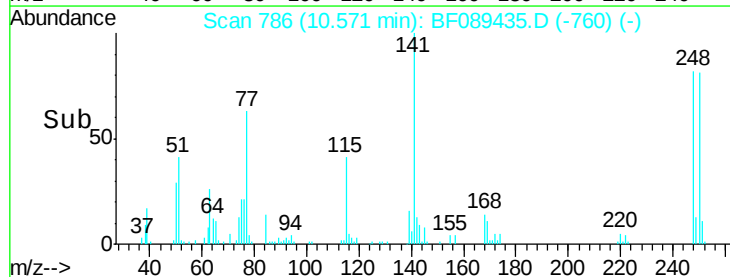
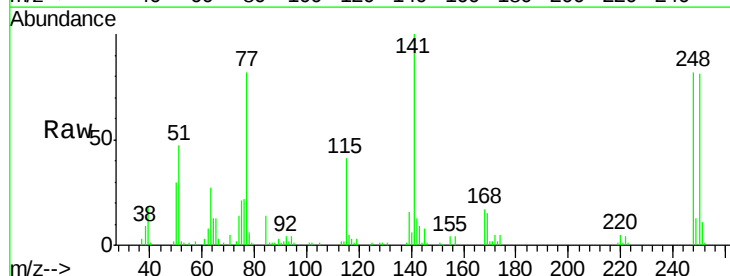
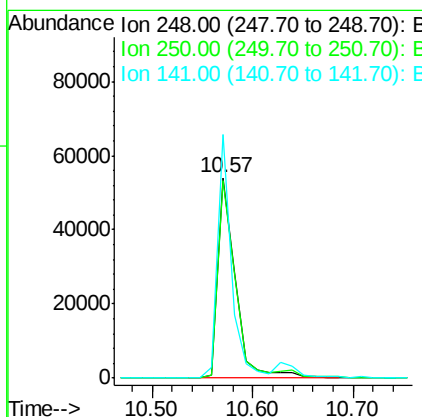
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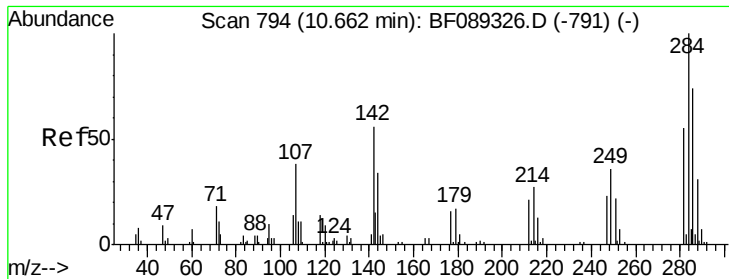
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#66
4-Bromophenyl-phenylether
Concen: 49.40 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	65619		
250	98.8	78.2	117.2	
141	121.5	62.0	93.0	





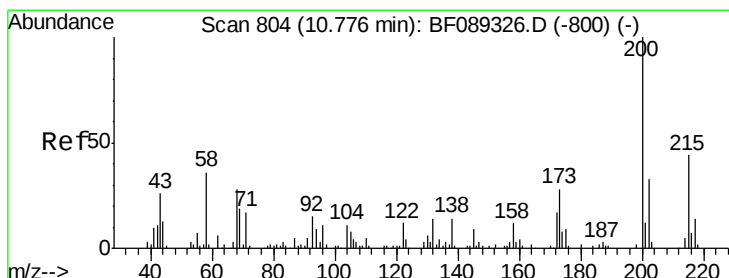
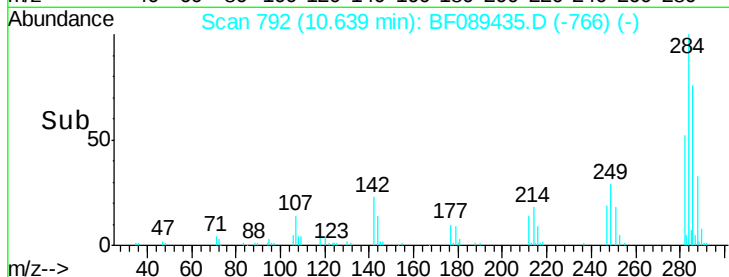
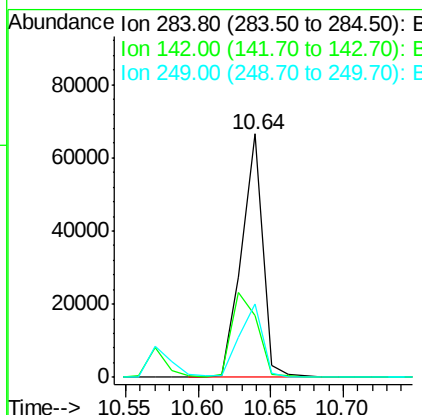
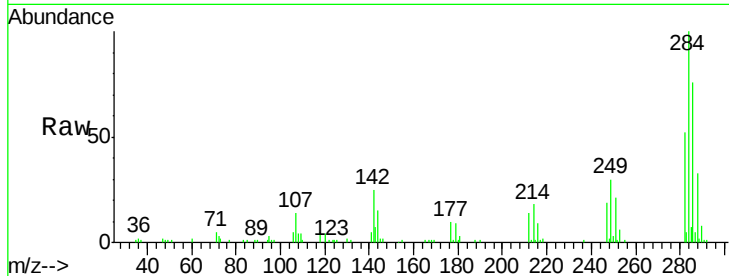
#67
Hexachlorobenzene
Concen: 49.87 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	25.2	42.2	63.4#
249	30.0	29.4	44.0

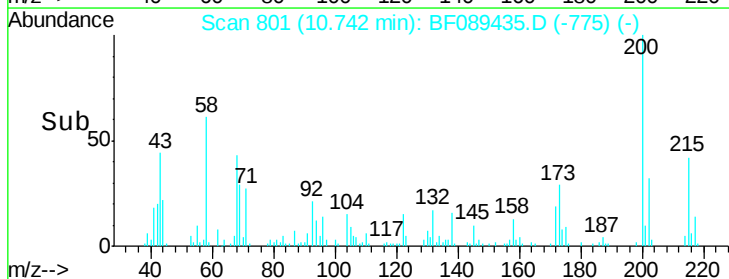
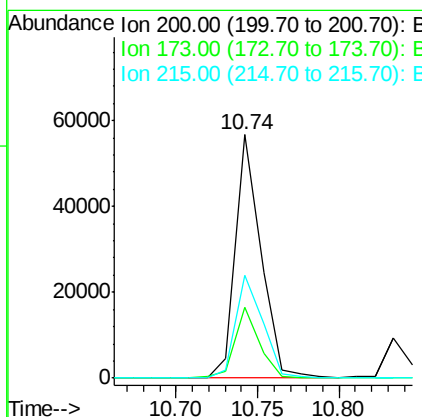
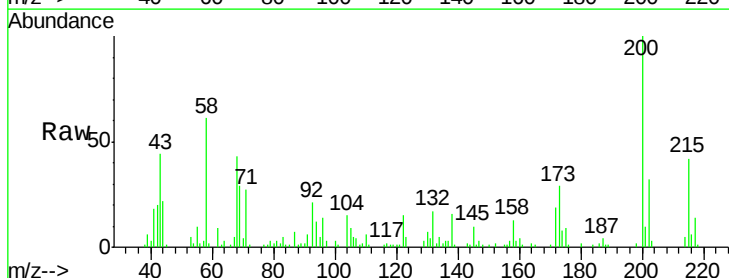
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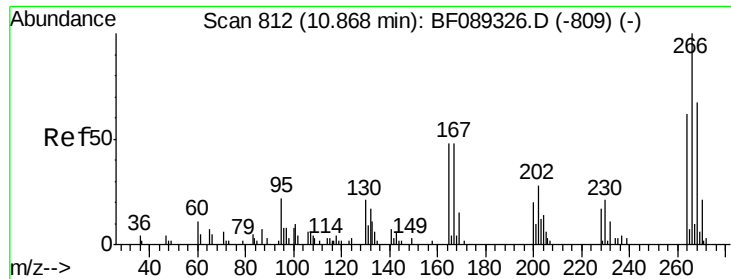
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#68
Atrazine
Concen: 45.98 ng
RT: 10.74 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	6.0	46.0
215	42.4	24.3	64.3





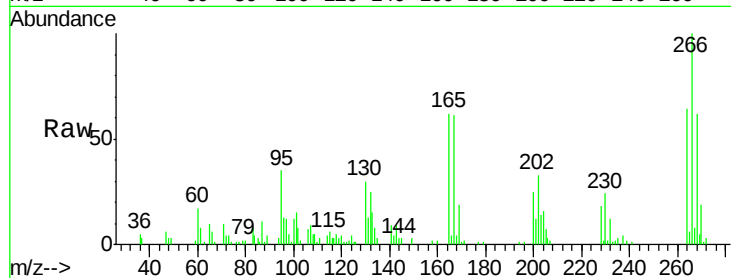
#69
 Pentachlorophenol
 Concen: 73.05 ng
 RT: 10.83 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

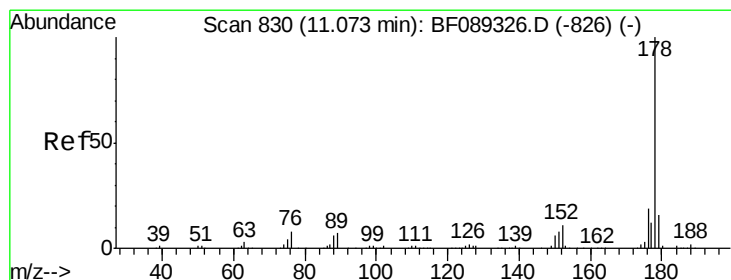
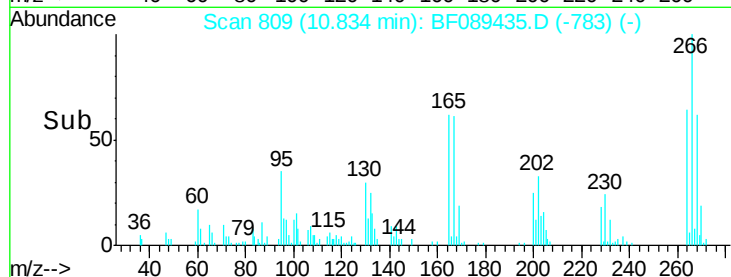
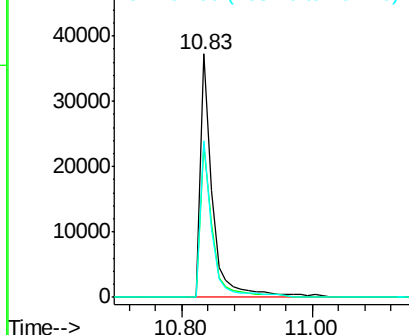
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.4	74.2
264	64.1	50.2	75.2

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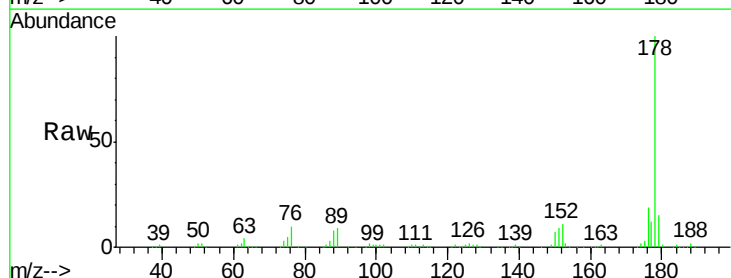


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

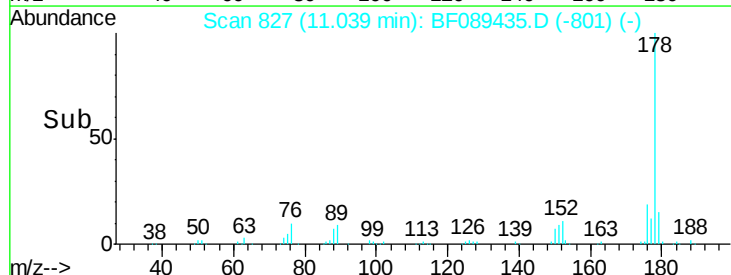
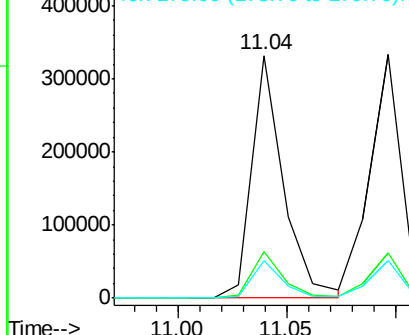


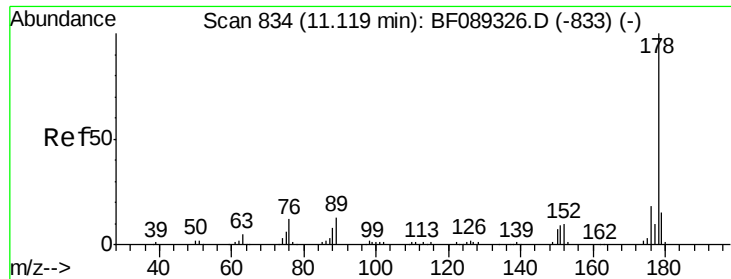
#70
 Phenanthrene
 Concen: 46.90 ng
 RT: 11.04 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.4	12.3	18.5



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





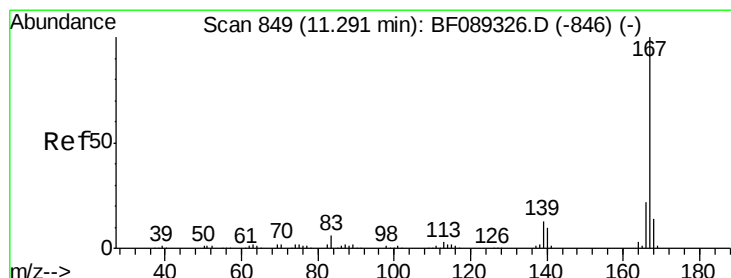
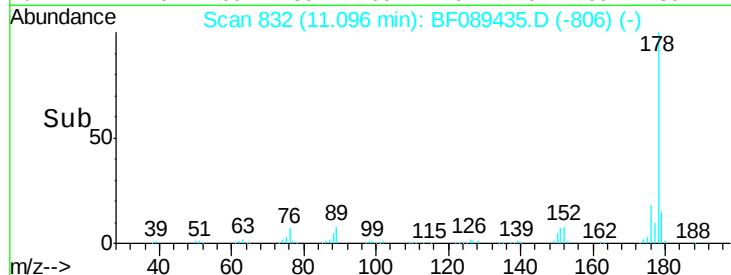
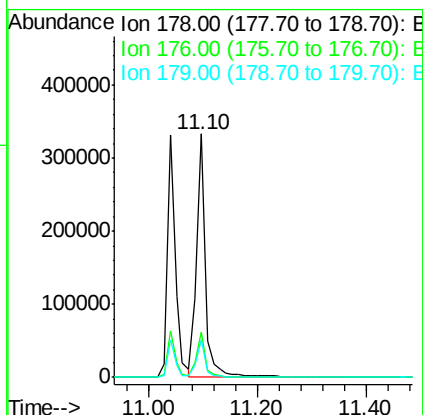
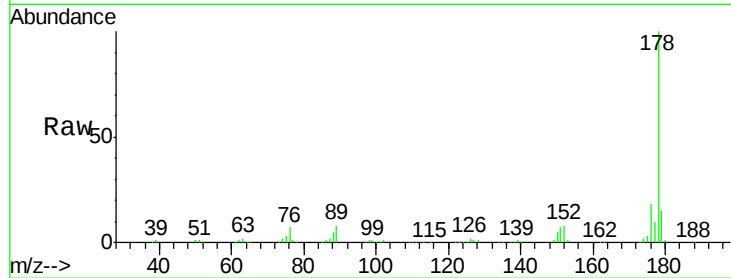
#71
 Anthracene
 Concen: 46.87 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.6	18.8

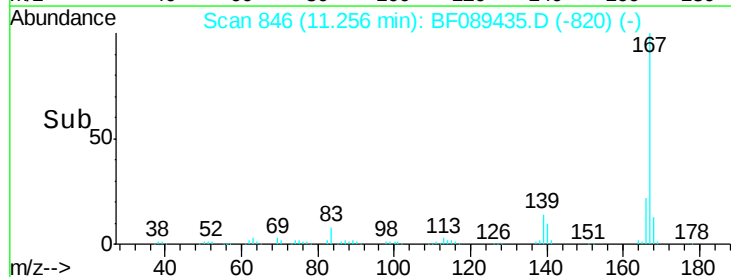
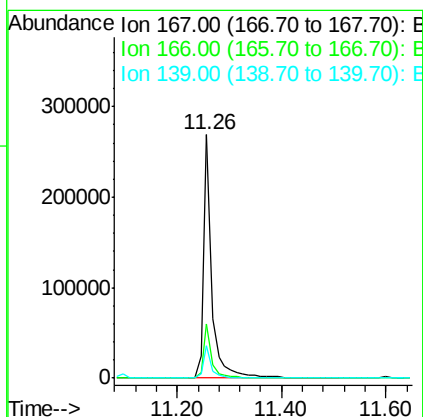
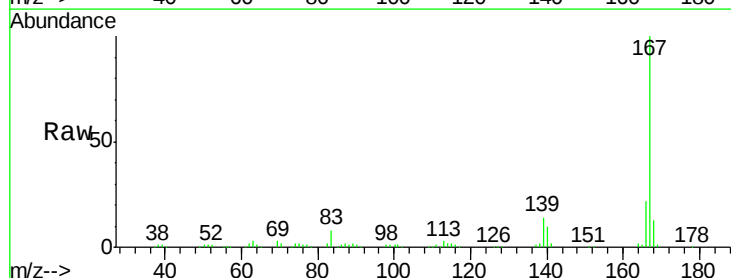
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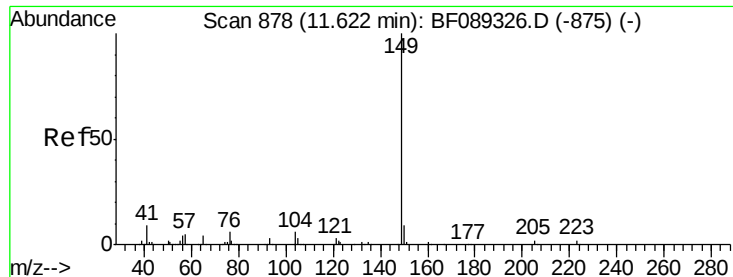
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#72
 Carbazole
 Concen: 44.39 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.5	10.1	15.1





#73

Di-n-butylphthalate

Concen: 48.86 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

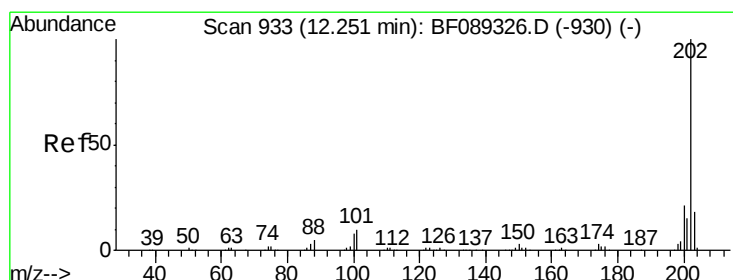
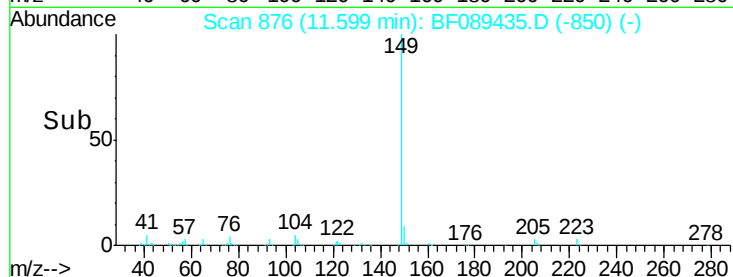
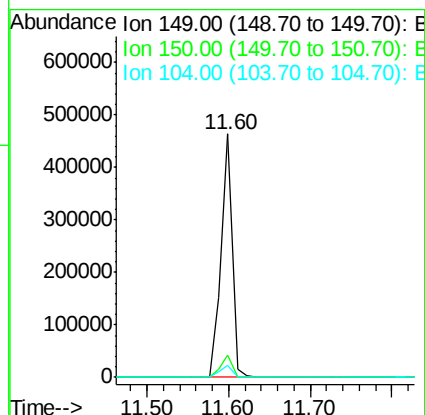
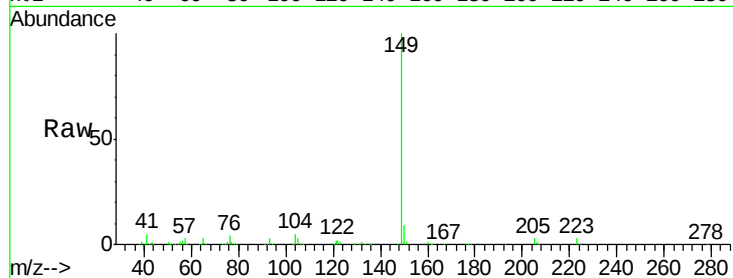
ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion:	149	Resp:	440244
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.0
104	4.6	4.7	7.1#

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#74

Fluoranthene

Concen: 40.08 ng

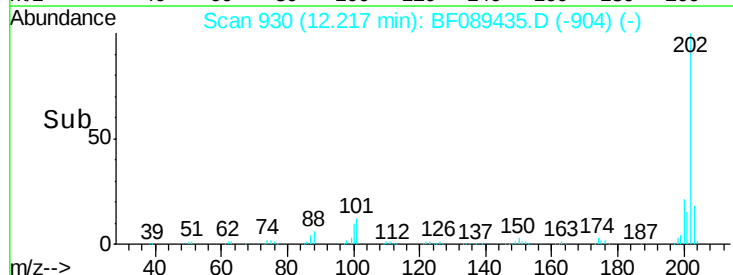
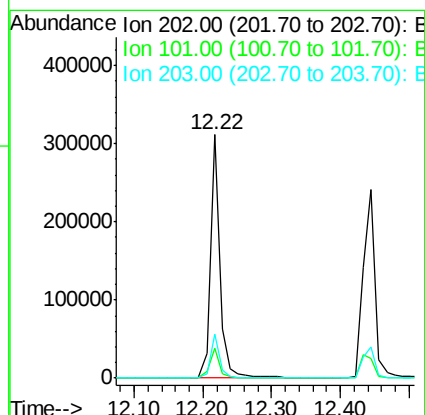
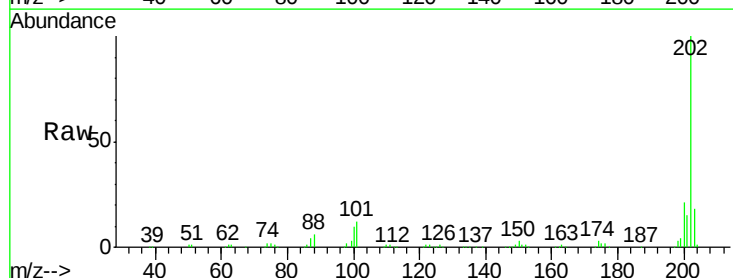
RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Tgt Ion:	202	Resp:	302511
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	29.9
203	17.8	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

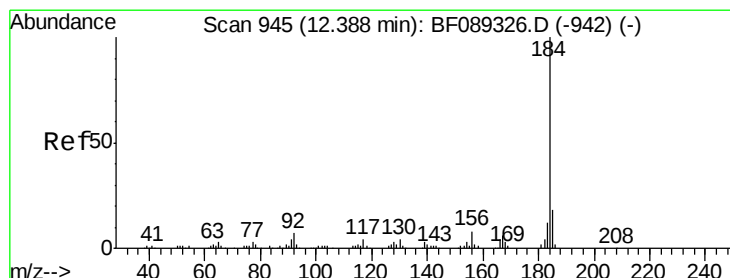
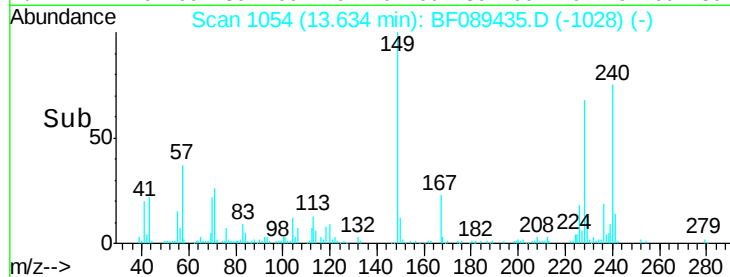
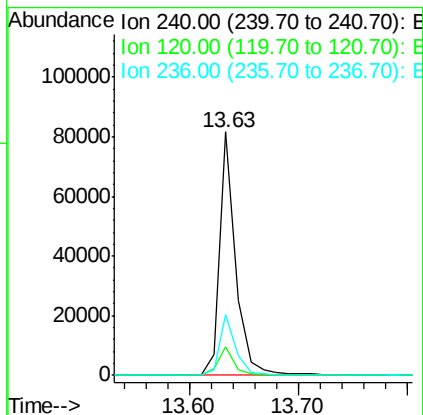
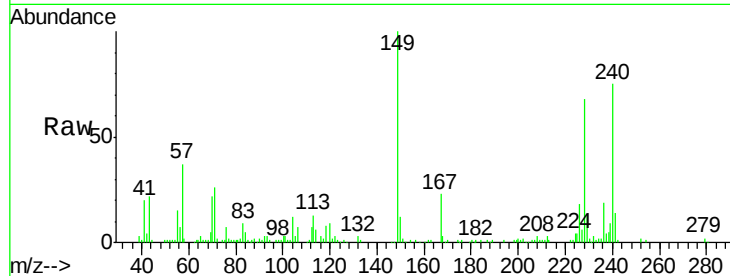
ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.1	13.7
236	25.0	20.6	30.8

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#76

Benzidine

Concen: 30.75 ng

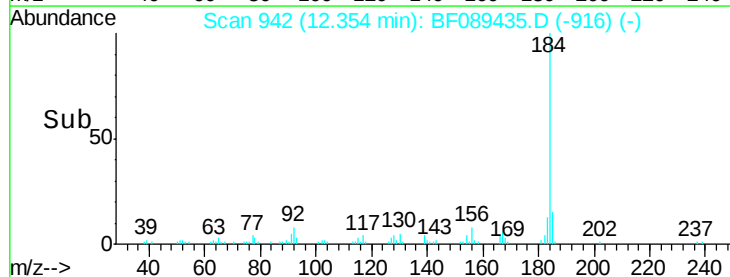
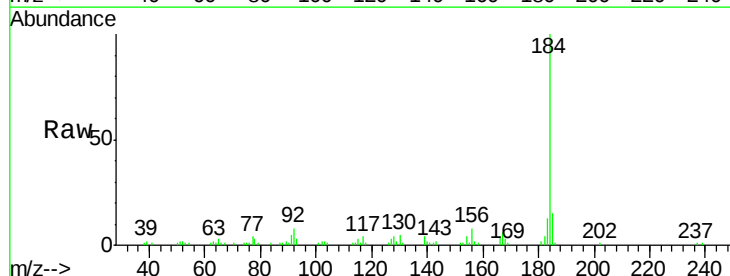
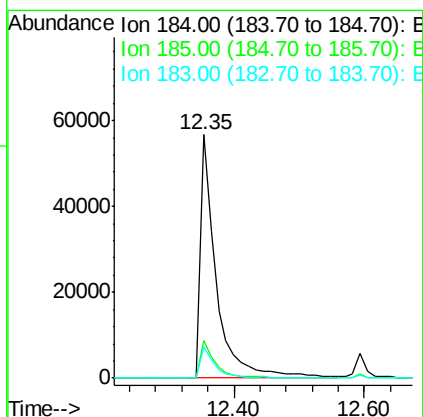
RT: 12.35 min Scan# 942

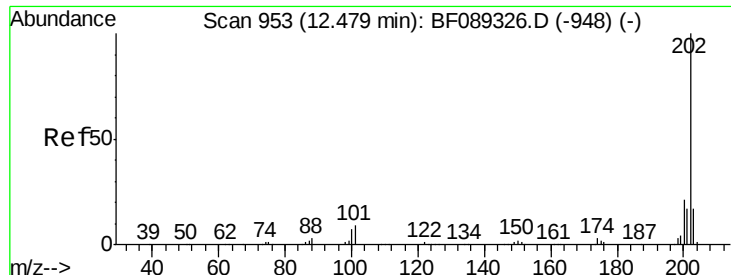
Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.5	20.3
183	12.6	9.8	14.6





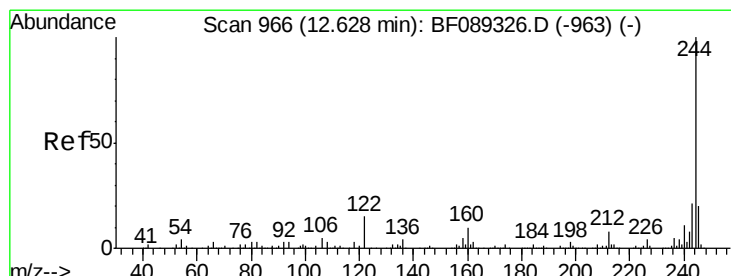
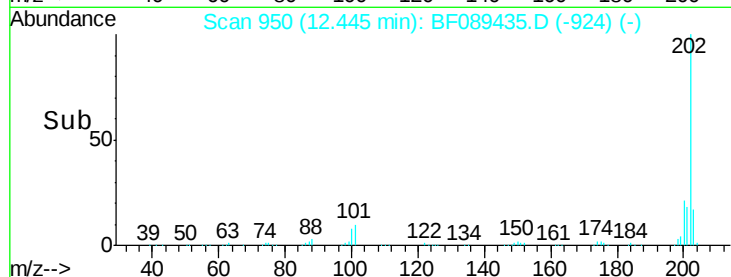
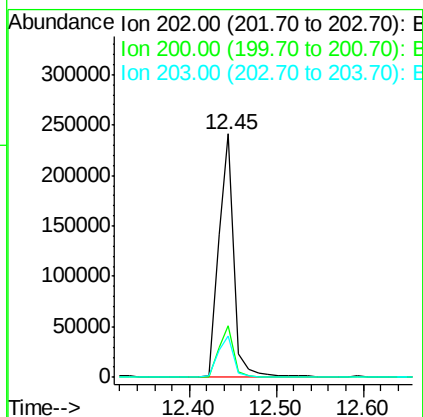
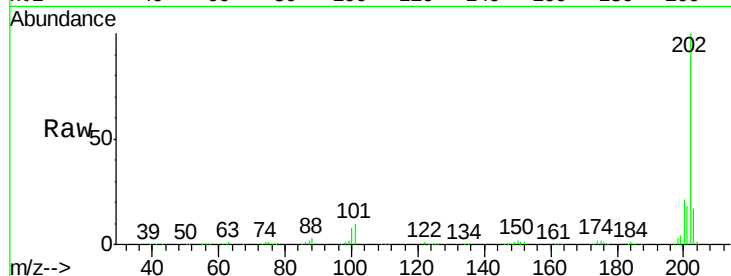
#77
Pyrene
 Concen: 45.86 ng
 RT: 12.45 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	291924		
200	21.4	16.9	25.3	
203	16.8	14.0	21.0	

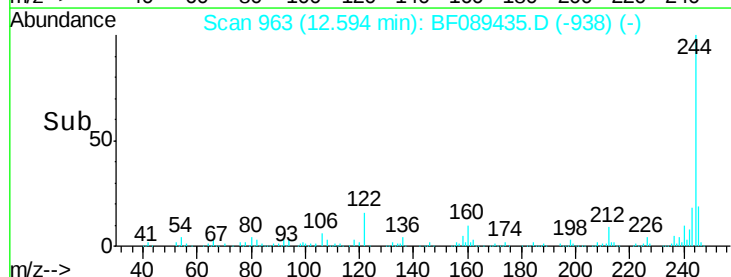
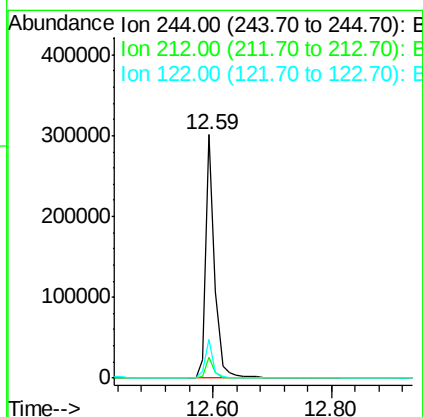
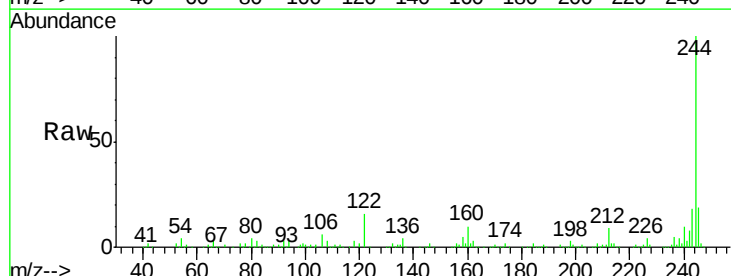
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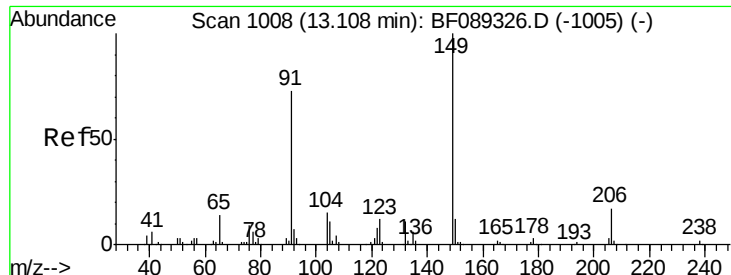
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#78
Terphenyl-d14
 Concen: 89.82 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	322293		
212	8.5	6.5	9.7	
122	15.8	11.4	17.0	





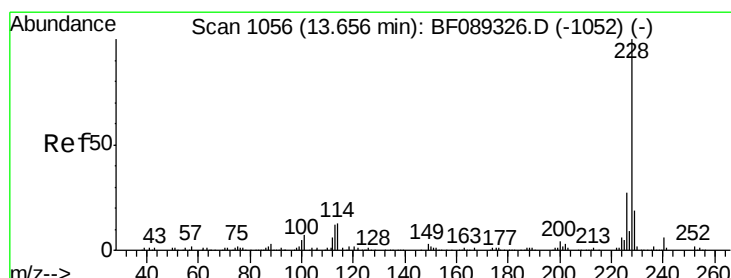
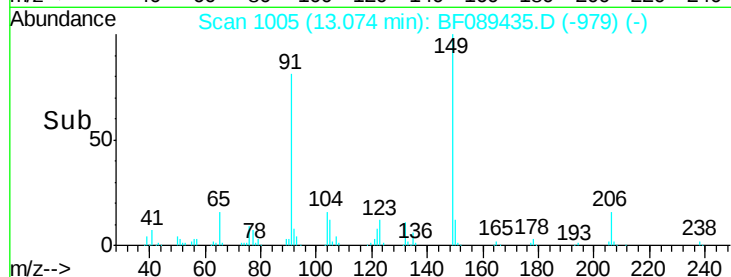
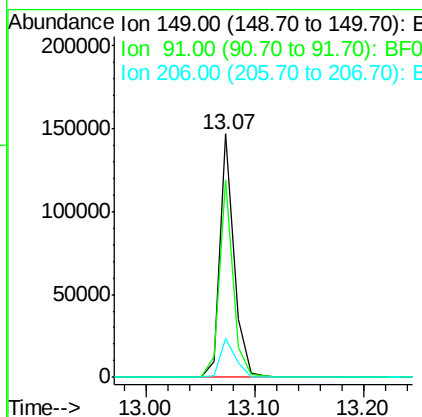
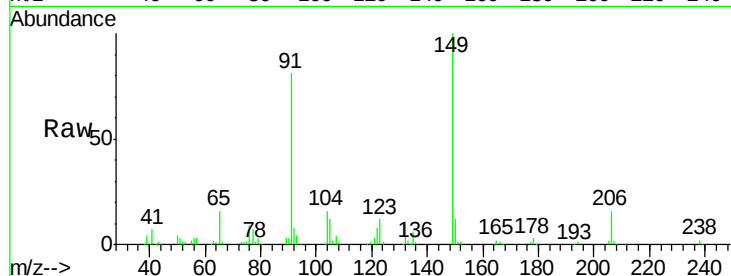
#79
Butylbenzylphthalate
Concen: 46.76 ng
RT: 13.07 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	80.9	58.5	87.7
206	15.9	13.8	20.8

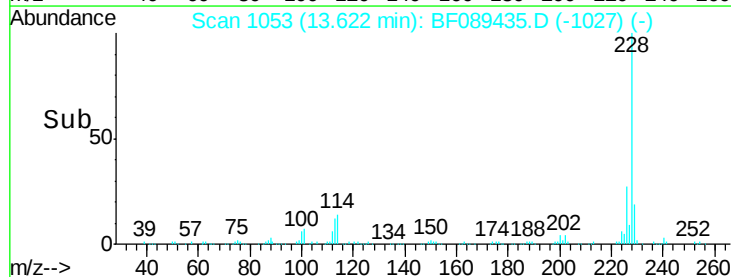
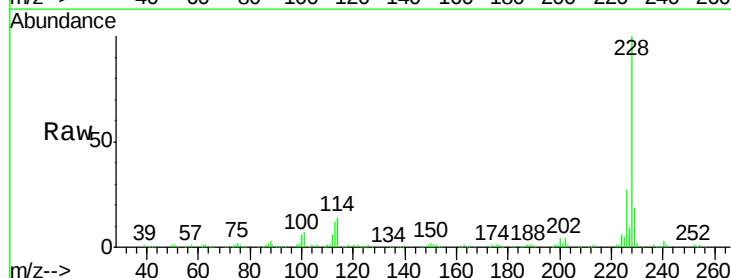
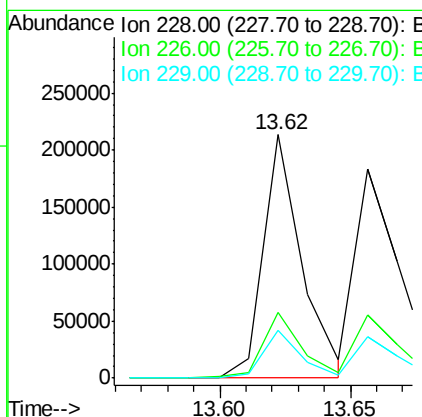
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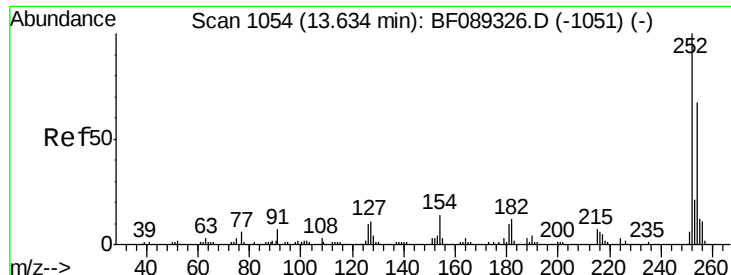
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#80
Benzo(a)anthracene
Concen: 46.47 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.8	21.4	32.2
229	19.4	15.9	23.9





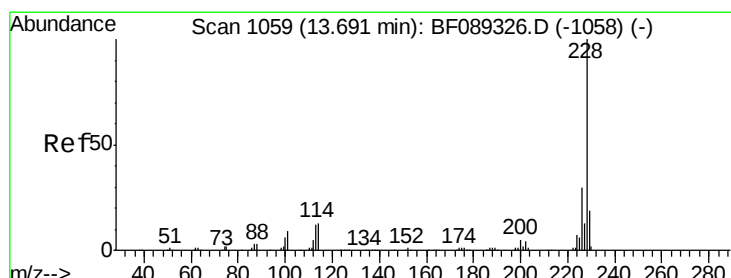
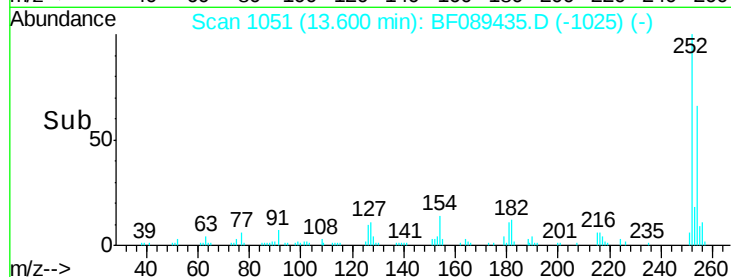
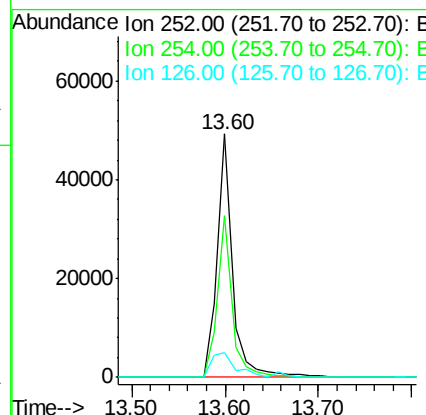
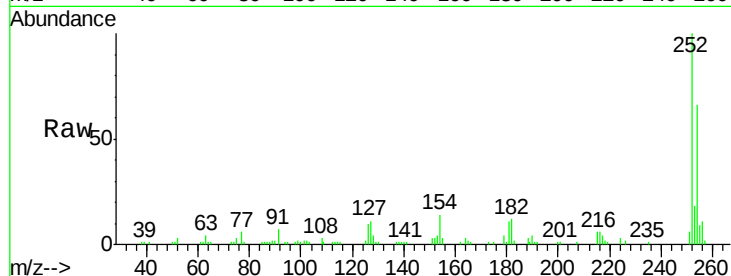
#81
 3,3'-Dichlorobenzidine
 Concen: 33.24 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	56687		
254	66.3	52.5	78.7	
126	10.4	7.4	11.2	

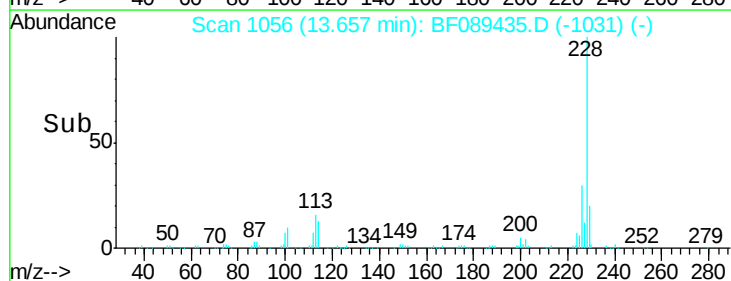
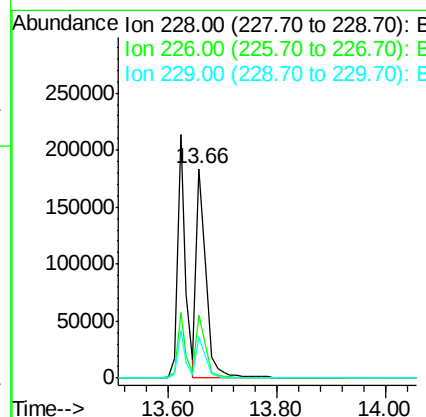
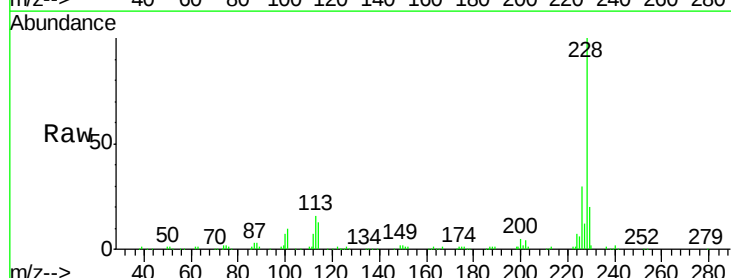
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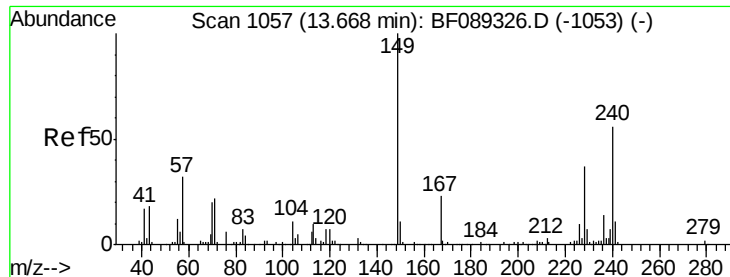
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#82
 Chrysene
 Concen: 45.05 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	227288		
226	29.8	24.2	36.2	
229	19.6	15.9	23.9	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.51 ng

RT: 13.65 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion:149 Resp: 190358
Ion Ratio Lower Upper

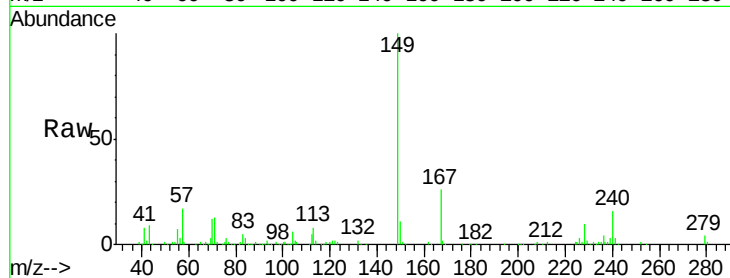
149 100

167 26.3 18.8 28.2

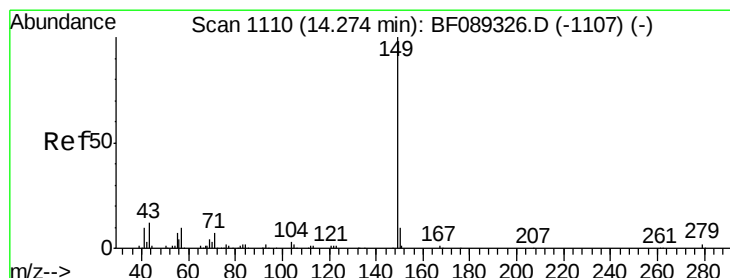
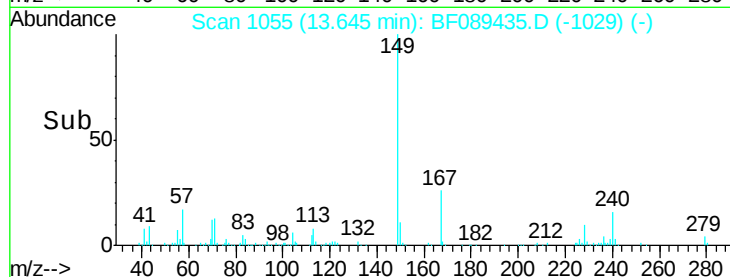
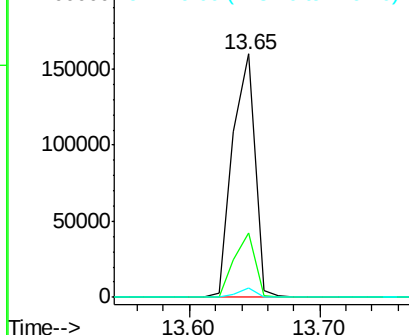
279 3.7 1.4 2.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.76 ng

RT: 14.25 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF089435.D

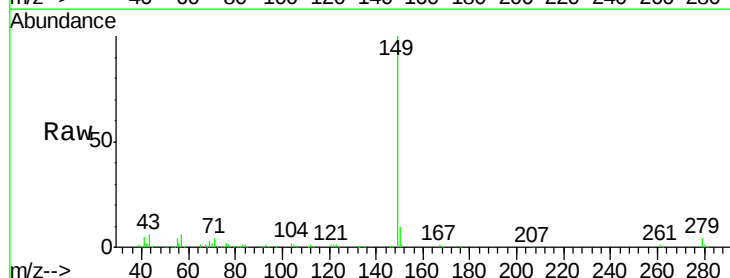
Acq: 30 Jul 2016 4:11

Tgt Ion:149 Resp: 311755
Ion Ratio Lower Upper

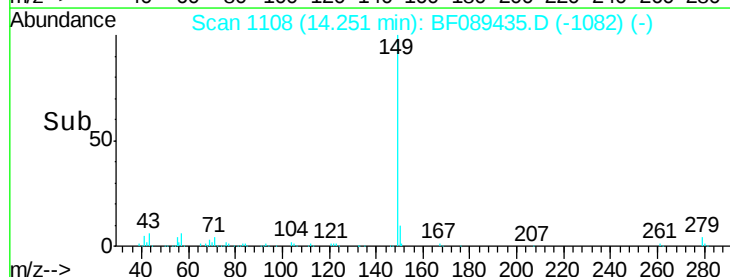
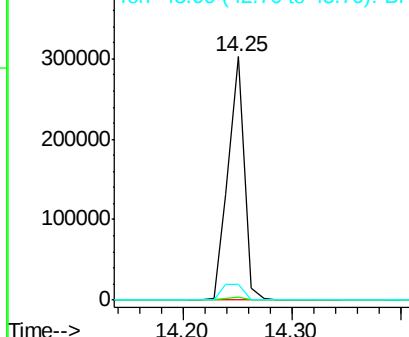
149 100

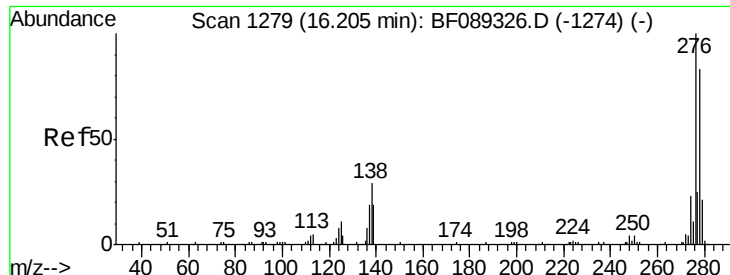
167 1.3 1.1 1.7

43 9.0 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





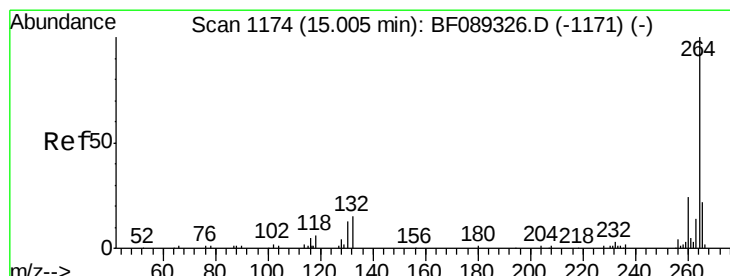
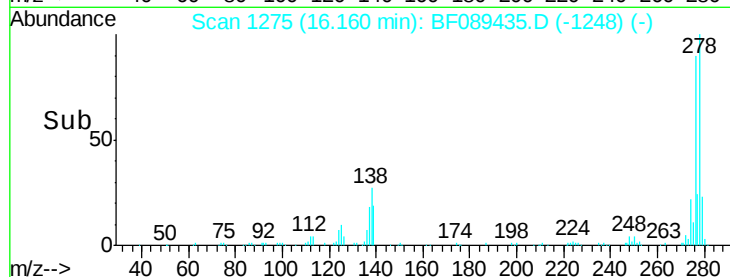
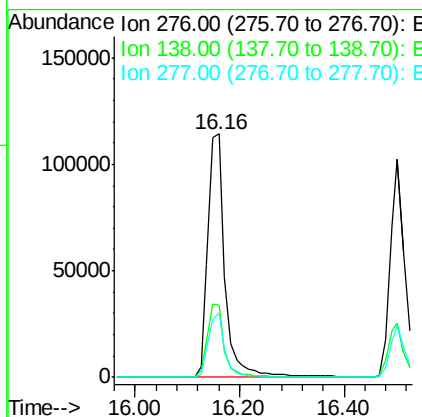
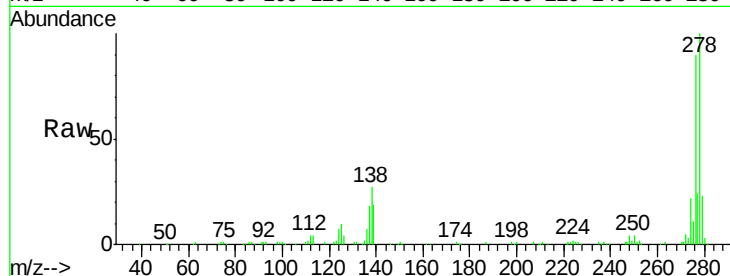
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 72.95 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 GW-44-8.6-15.0MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	261677		
138	29.7	23.0	34.4	
277	25.4	20.2	30.4	

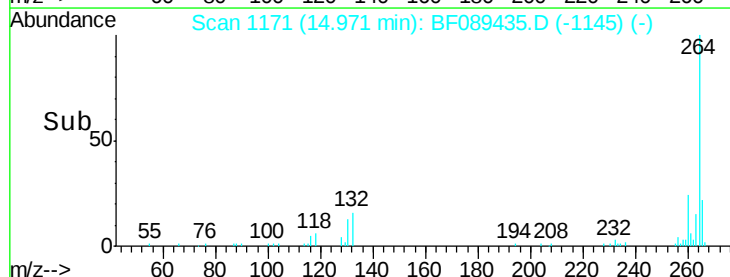
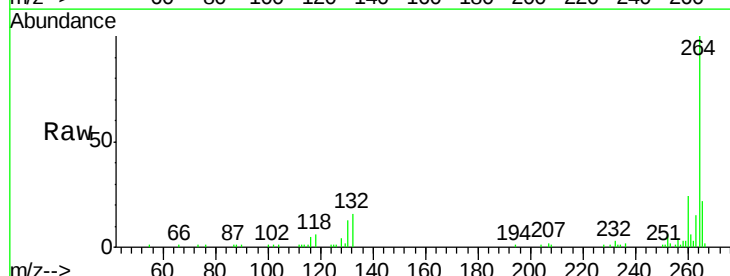
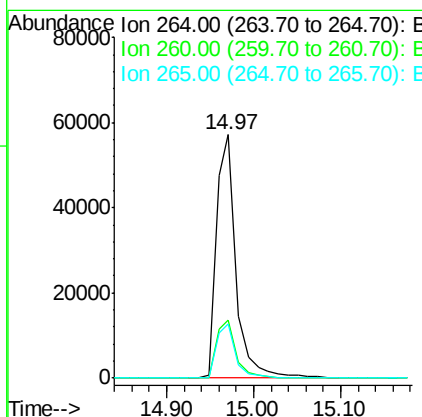
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF089435.D
 Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	90418		
260	23.7	19.0	28.4	
265	22.2	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 38.40 ng m

RT: 14.62 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

GW-44-8.6-15.0MS

Tgt Ion: 252 Resp: 215607

Ion Ratio Lower Upper

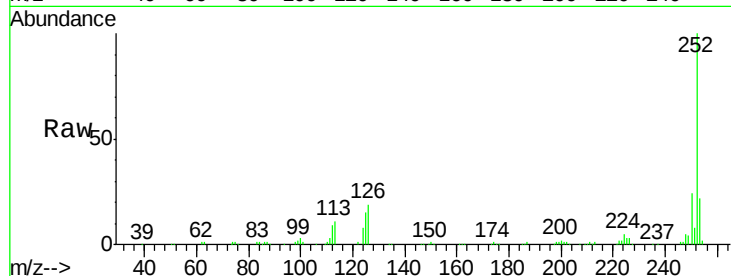
252 100

253 21.8 17.2 25.8

125 14.6 9.7 14.5#

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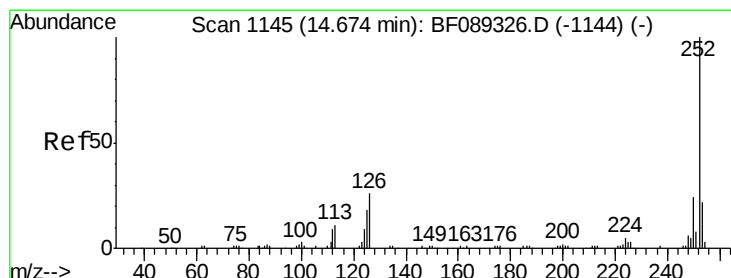
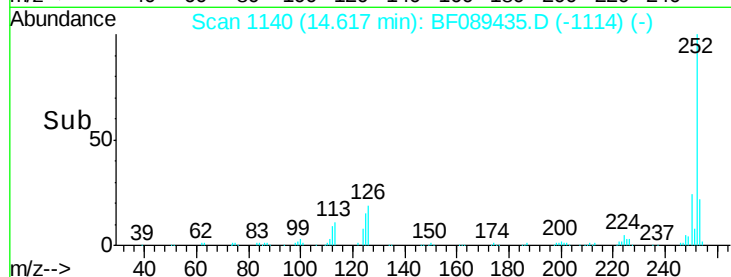
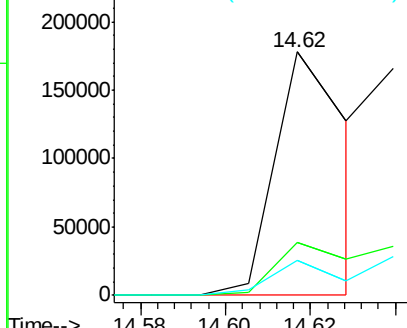
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.30 ng m

RT: 14.64 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF089435.D

Acq: 30 Jul 2016 4:11

Tgt Ion: 252 Resp: 249370

Ion Ratio Lower Upper

252 100

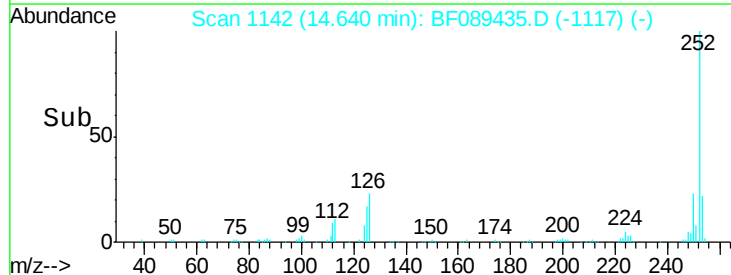
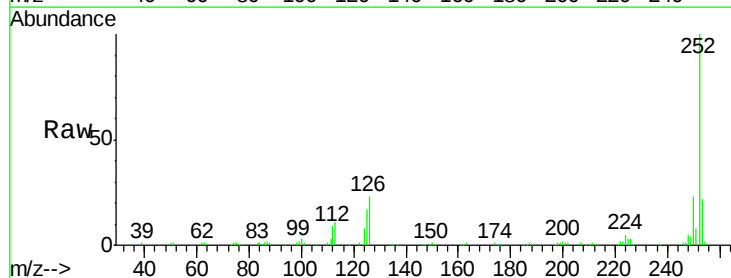
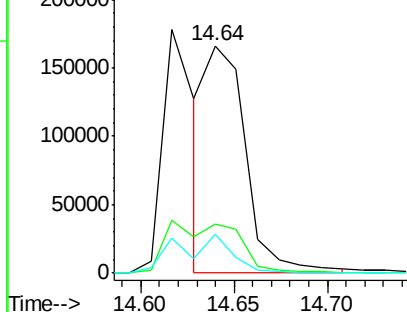
253 21.6 17.8 26.8

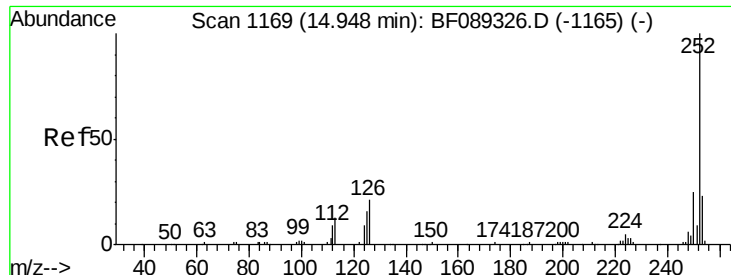
125 16.9 10.7 16.1#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





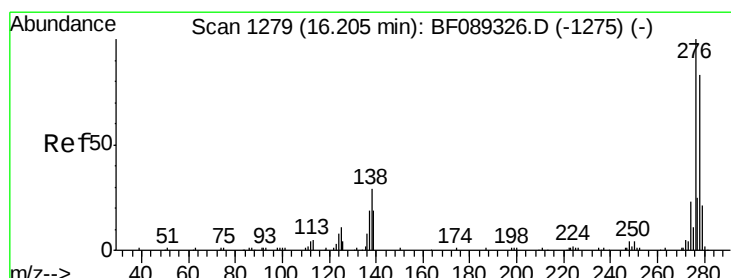
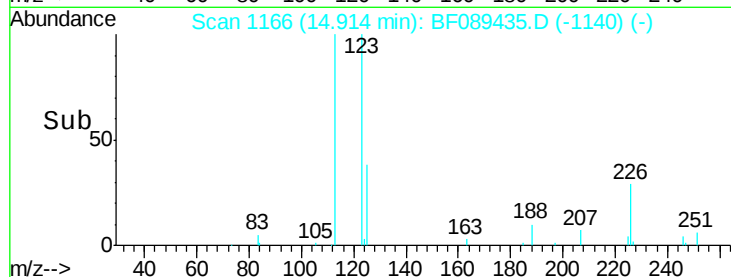
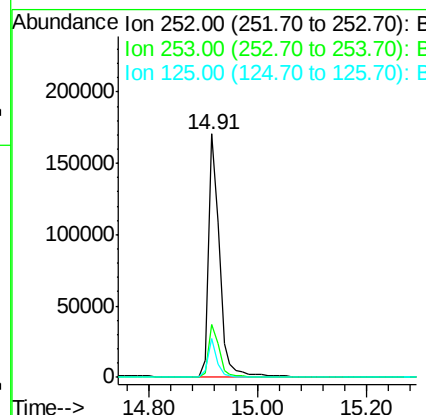
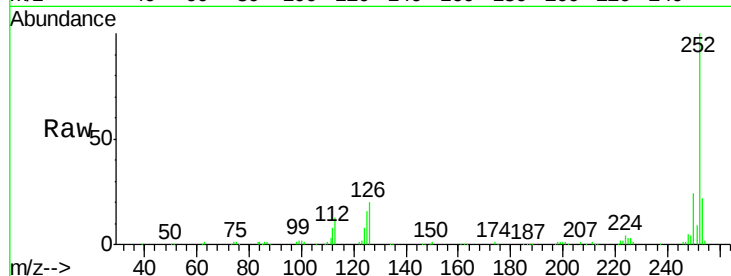
#89
Benzo(a)pyrene
Concen: 46.44 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	16.0	12.4	18.6

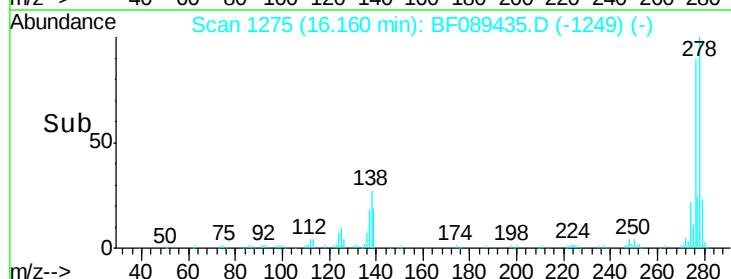
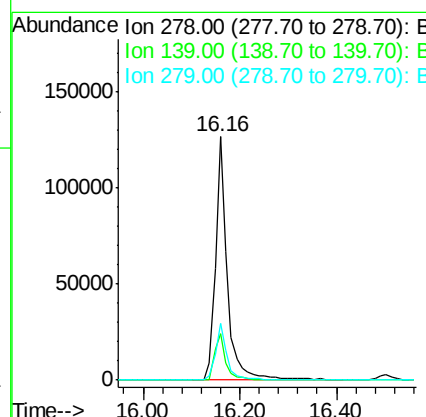
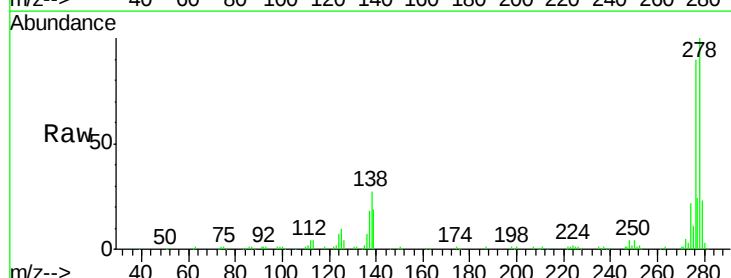
Manual Integrations
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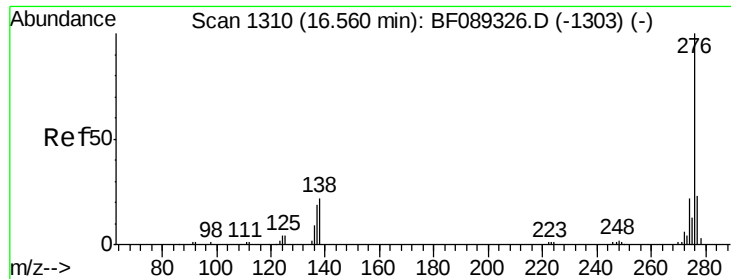
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#90
Dibenzo(a,h)anthracene
Concen: 55.88 ng
RT: 16.16 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF089435.D
Acq: 30 Jul 2016 4:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.3	24.5
279	23.1	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 55.03 ng

RT: 16.50 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF089435.D

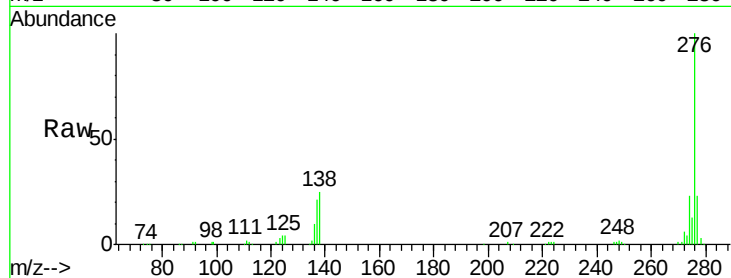
Acq: 30 Jul 2016 4:11

Instrument :

BNA_F

ClientSampleId :

GW-44-8.6-15.0MS



Tgt Ion:	276	Resp:	214645
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	24.9	21.4	32.0

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