

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087507.D
 Acq On : 29 May 2016 7:10
 Operator : UM/SJ
 Sample : H3272-07MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Manual Integrations
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 5/31/2016 7:37:52 PM

Quant Time: May 30 04:38:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	109832	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	439801	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	205155	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	372143	20.00	ng	0.00
75) Chrysene-d12	18.43	240	267109	20.00	ng	0.00
86) Perylene-d12	20.11	264	211692	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	402996	64.47	ng	0.02
7) Phenol-d6	7.03	99	321691	38.09	ng	-0.01
23) Nitrobenzene-d5	8.39	82	812936	93.16	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	263275	133.54	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1288436	88.54	ng	-0.01
78) Terphenyl-d14	17.09	244	1102157	87.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	46645	14.14	ng	# 54
3) Pyridine	2.46	79	71774	9.95	ng	# 64
4) n-Nitrosodimethylamine	2.38	42	97905	17.62	ng	# 43
6) Aniline	6.97	93	297577	27.24	ng	94
8) 2-Chlorophenol	7.15	128	279906	35.91	ng	92
9) Benzaldehyde	6.82	77	51899	11.13	ng	97
10) Phenol	7.05	94	137733	14.93	ng	# 64
11) bis(2-Chloroethyl)ether	7.11	93	319305	42.78	ng	86
12) 1,3-Dichlorobenzene	7.36	146	311709	36.66	ng	# 89
13) 1,4-Dichlorobenzene	7.50	146	321725	36.86	ng	95
14) 1,2-Dichlorobenzene	7.72	146	306691	37.99	ng	98
15) Benzyl Alcohol	7.77	79	201748	32.76	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.96	45	664715	39.58	ng	87
17) 2-Methylphenol	8.00	107	192997	30.89	ng	# 90
18) Hexachloroethane	8.24	117	116617	35.81	ng	93
19) n-Nitroso-di-n-propylamine	8.19	70	286410	45.47	ng	# 70
20) 3+4-Methylphenols	8.26	107	214286	28.38	ng	# 60
22) Acetophenone	8.16	105	506673	48.22	ng	# 97
24) Nitrobenzene	8.42	77	415924	45.15	ng	98
25) Isophorone	8.81	82	717294	45.83	ng	98
26) 2-Nitrophenol	8.92	139	165446	43.94	ng	# 70
27) 2,4-Dimethylphenol	9.07	122	263125	40.26	ng	87
28) bis(2-Chloroethoxy)methane	9.20	93	423695	48.06	ng	98
29) 2,4-Dichlorophenol	9.35	162	258263	43.84	ng	99
30) 1,2,4-Trichlorobenzene	9.43	180	271846	40.31	ng	99
31) Naphthalene	9.53	128	931113	42.25	ng	99
32) Benzoic acid	9.36	122	34130	14.73	ng	# 75
33) 4-Chloroaniline	9.69	127	322398	39.72	ng	# 95
34) Hexachlorobutadiene	9.75	225	152181	37.12	ng	98
35) Caprolactam	10.34	113	11379	6.62	ng	# 46
36) 4-Chloro-3-methylphenol	10.55	107	277655	41.69	ng	96
37) 2-Methylnaphthalene	10.66	142	638299	46.36	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	282328	42.99	ng	99
40) Hexachlorocyclopentadiene	10.90	237	119787	48.54	ng	95

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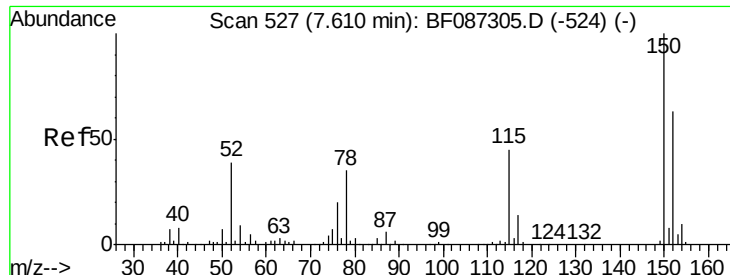
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	161587	42.63	ng	95
43) 2,4,5-Trichlorophenol	11.26	196	156056	40.43	ng #	91
45) 1,1'-Biphenyl	11.43	154	786245	45.52	ng	97
46) 2-Chloronaphthalene	11.45	162	595288	45.05	ng	97
47) 2-Nitroaniline	11.67	65	235642	49.49	ng #	73
48) Acenaphthylene	12.10	152	946177	45.23	ng	99
49) Dimethylphthalate	11.99	163	765675	46.59	ng	100
50) 2,6-Dinitrotoluene	12.08	165	156450	47.24	ng #	63
51) Acenaphthene	12.38	154	580933	45.18	ng	98
52) 3-Nitroaniline	12.35	138	131458	38.68	ng	85
53) 2,4-Dinitrophenol	12.57	184	106471	64.23	ng #	86
54) Dibenzofuran	12.67	168	876409	50.34	ng	97
55) 4-Nitrophenol	12.80	139	39499	24.36	ng #	51
56) 2,4-Dinitrotoluene	12.75	165	219104	49.50	ng	89
57) Fluorene	13.22	166	699537	46.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	136614	46.01	ng	95
59) Diethylphthalate	13.13	149	721624	45.16	ng	99
60) 4-Chlorophenyl-phenylether	13.25	204	333984	45.37	ng	100
61) 4-Nitroaniline	13.36	138	133274	42.02	ng #	63
62) Azobenzene	13.51	77	872378	52.63	ng	86
64) 4,6-Dinitro-2-methylphenol	13.42	198	87559	37.00	ng #	70
65) n-Nitrosodiphenylamine	13.46	169	599324	49.80	ng	100
66) 4-Bromophenyl-phenylether	14.03	248	193673	47.57	ng	96
67) Hexachlorobenzene	14.10	284	197802	46.45	ng #	66
68) Atrazine	14.39	200	177894	46.37	ng	94
69) Pentachlorophenol	14.47	266	96982	73.80	ng	92
70) Phenanthrene	14.77	178	1008460	48.92	ng	100
71) Anthracene	14.86	178	1051867	50.51	ng	99
72) Carbazole	15.15	167	912397	51.37	ng	99
73) Di-n-butylphthalate	15.73	149	1125949	49.02	ng #	98
74) Fluoranthene	16.54	202	1002724	48.51	ng	94
76) Benzidine	16.78	184	173628	25.26	ng	97
77) Pyrene	16.83	202	974906	50.71	ng	99
79) Butylbenzylphthalate	17.75	149	435545	51.08	ng #	70
80) Benzo(a)anthracene	18.42	228	718651	47.30	ng	99
81) 3,3'-Dichlorobenzidine	18.41	252	137719	16.41	ng	98
82) Chrysene	18.47	228	720328	47.77	ng	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	611263	49.13	ng #	94
84) Di-n-octyl phthalate	19.27	149	924134	48.71	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.33	276	646734	53.50	ng #	93
87) Benzo(b)fluoranthene	19.70	252	568632m	42.17	ng	
88) Benzo(k)fluoranthene	19.73	252	633617m	54.59	ng	
89) Benzo(a)pyrene	20.06	252	576784	49.46	ng	97
90) Dibenzo(a,h)anthracene	21.33	278	546502	54.94	ng #	94
91) Benzo(g,h,i)perylene	21.68	276	534704	54.48	ng #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

ClientSampleId :

MW-11BMS

Tgt Ion: 152 Resp: 109832
Ion Ratio Lower Upper

152 100

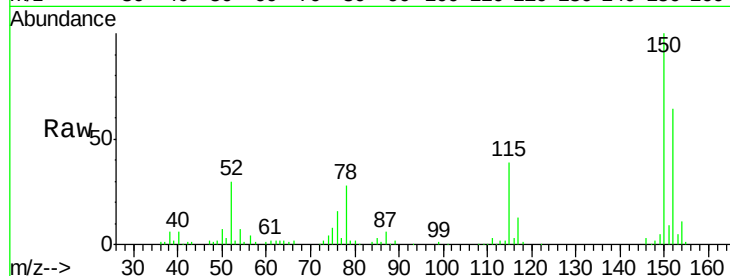
150 155.3 125.8 188.6

115 60.7 51.5 77.3

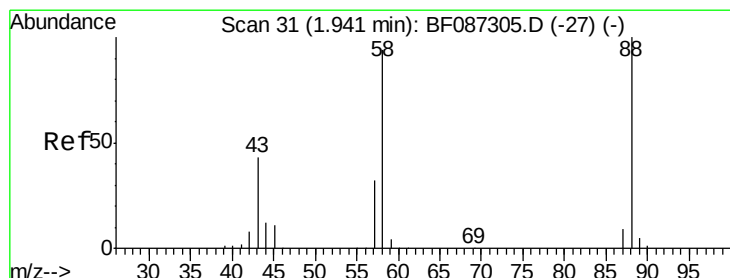
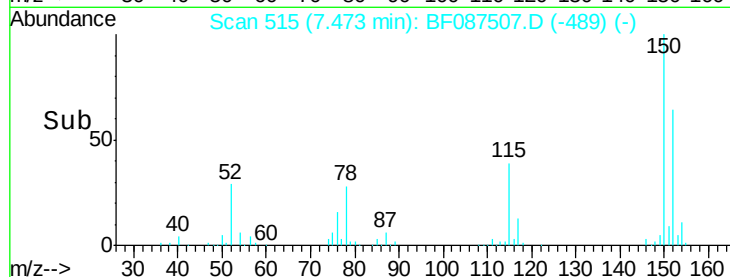
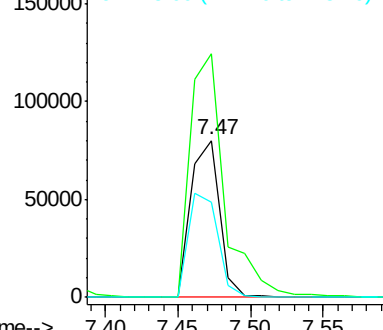
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.14 ng

RT: 1.82 min Scan# 20

Delta R.T. 0.06 min

Lab File: BF087507.D

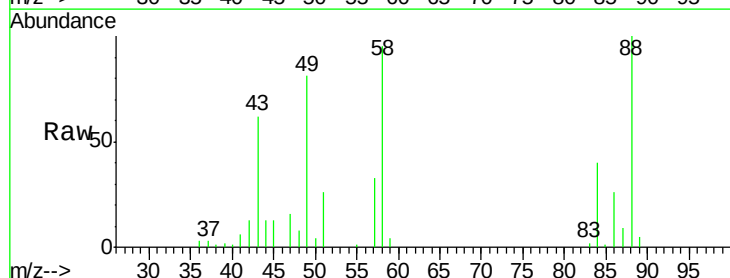
Acq: 29 May 2016 7:10

Tgt Ion: 88 Resp: 46645
Ion Ratio Lower Upper

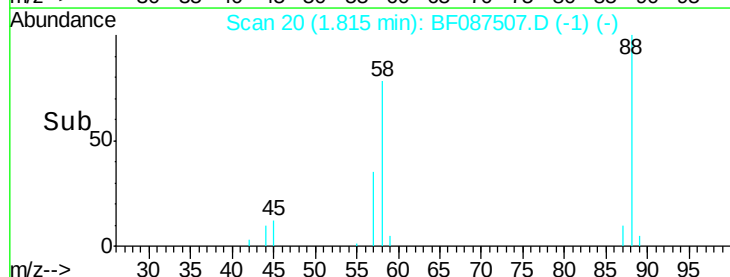
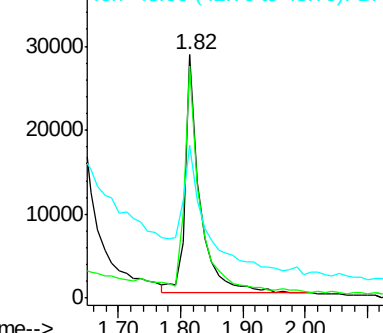
88 100

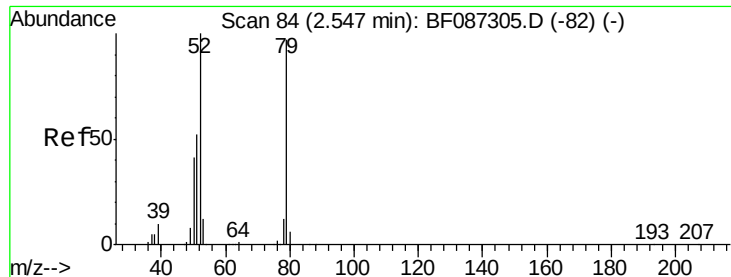
58 94.4 59.6 89.4#

43 82.4 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 9.95 ng

RT: 2.46 min Scan# 76

Delta R.T. 0.11 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

ClientSampleId :

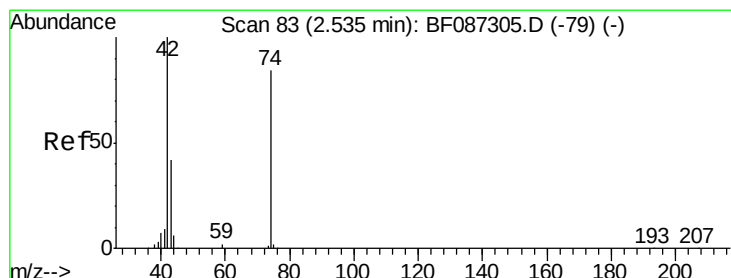
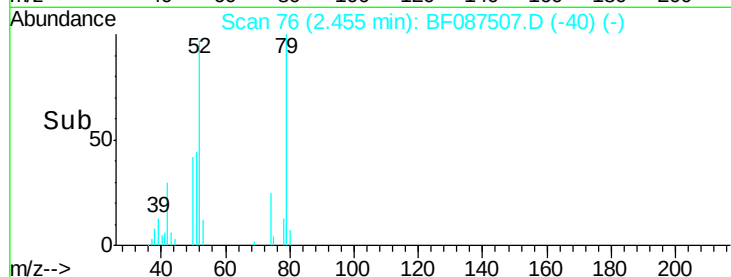
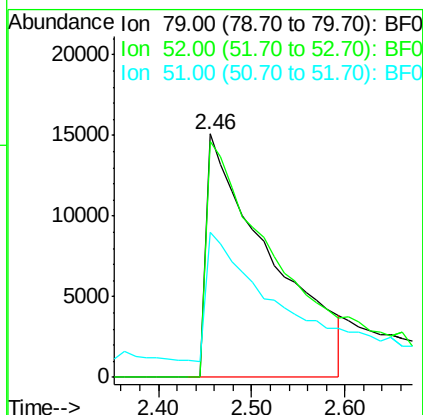
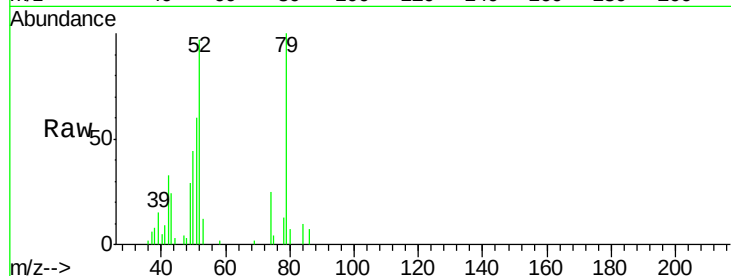
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	97.1	55.9	83.9#
51	59.8	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 17.62 ng

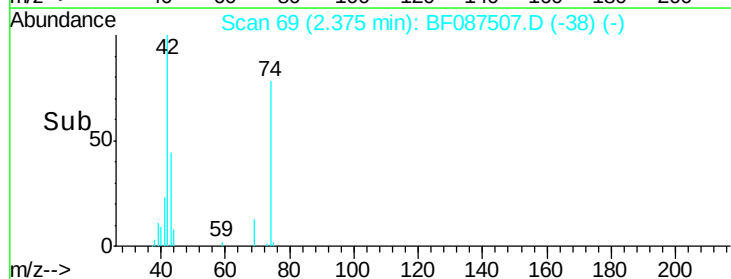
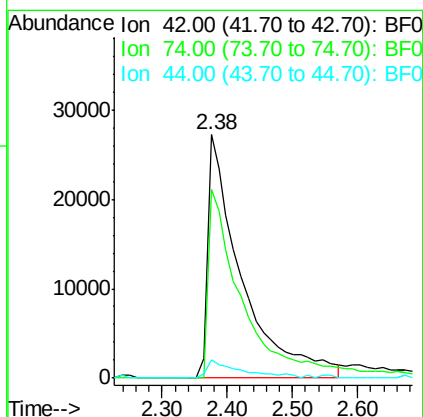
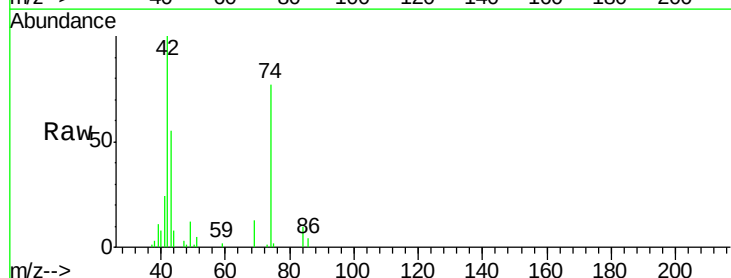
RT: 2.38 min Scan# 69

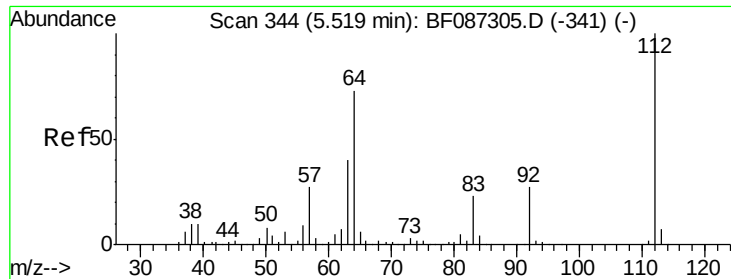
Delta R.T. 0.06 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	77.3	123.4	185.0#
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 64.47 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.02 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

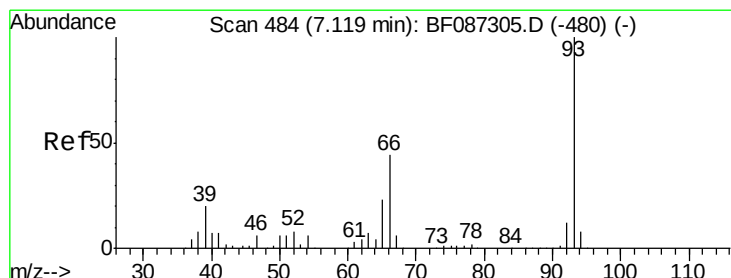
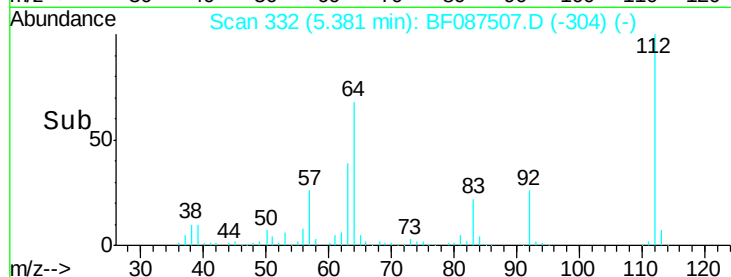
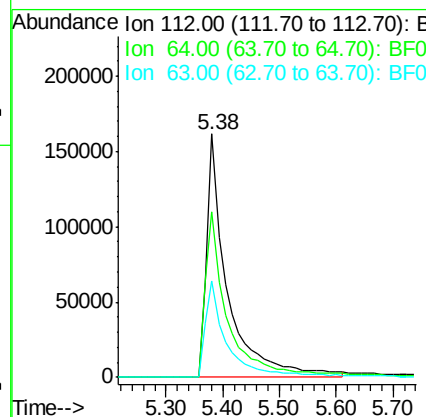
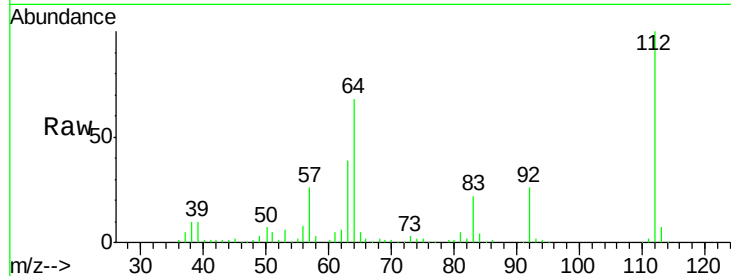
ClientSampleId :

MW-11BMS

Tgt Ion:	112	Resp:	402996
Ion Ratio	Lower	Upper	
112	100		
64	67.9	52.1	78.1
63	39.4	25.7	38.5#

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#6

Aniline

Concen: 27.24 ng

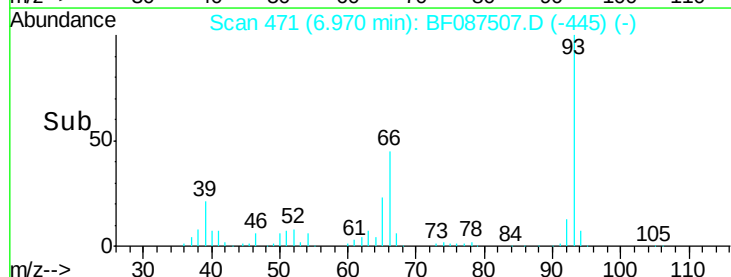
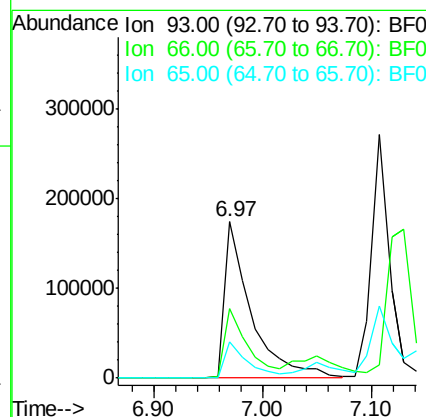
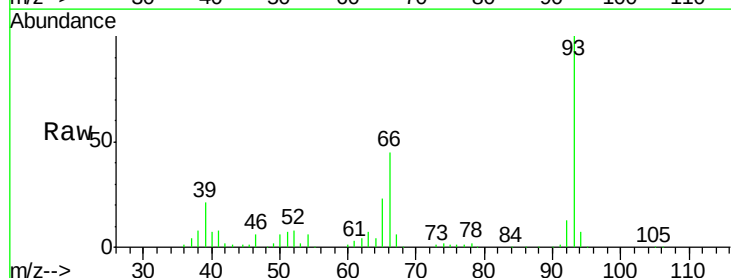
RT: 6.97 min Scan# 471

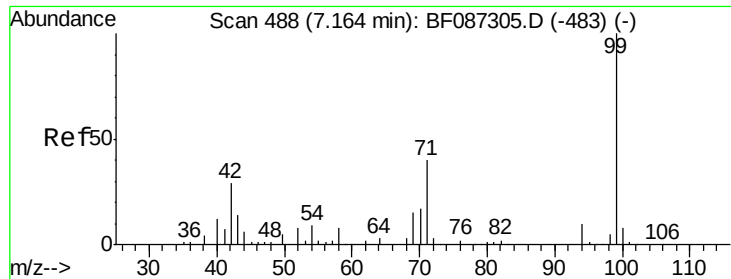
Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion:	93	Resp:	297577
Ion Ratio	Lower	Upper	
93	100		
66	44.6	39.0	58.6
65	23.1	20.6	31.0





#7

Phenol-d6

Concen: 38.09 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

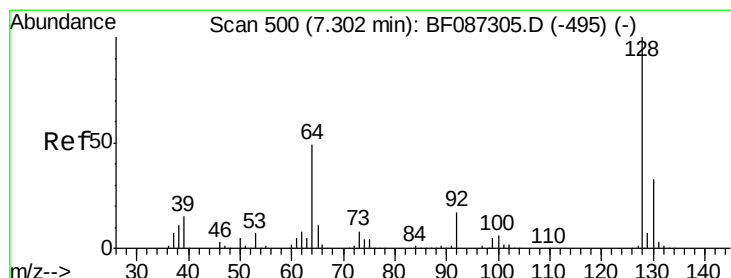
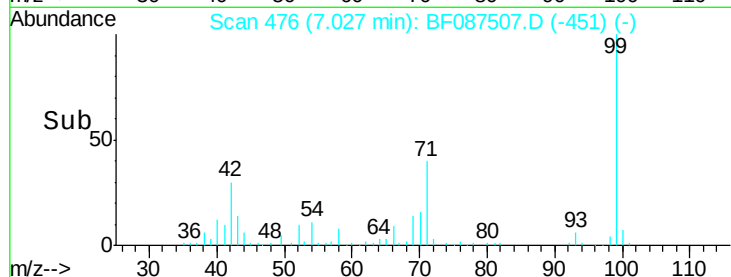
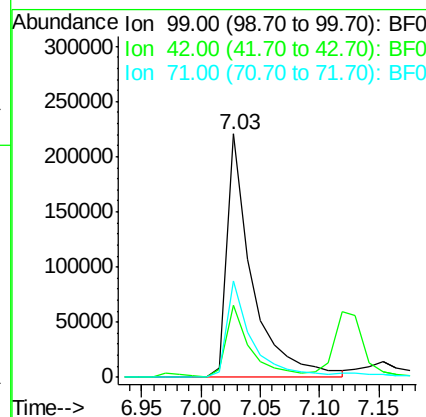
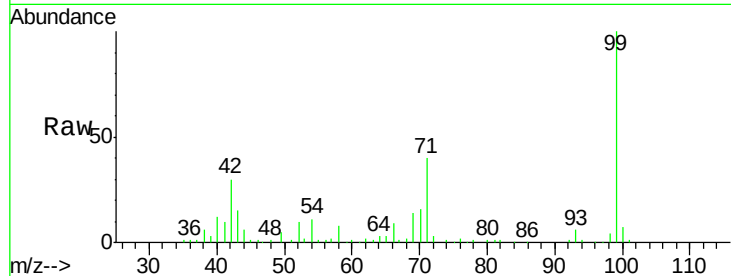
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	321691		
42	29.6	13.6	20.4#	
71	39.6	24.6	36.8#	

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#8

2-Chlorophenol

Concen: 35.91 ng

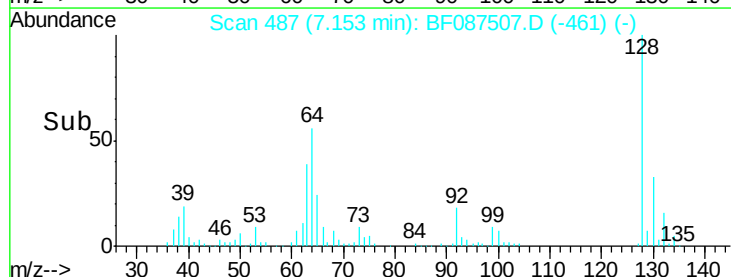
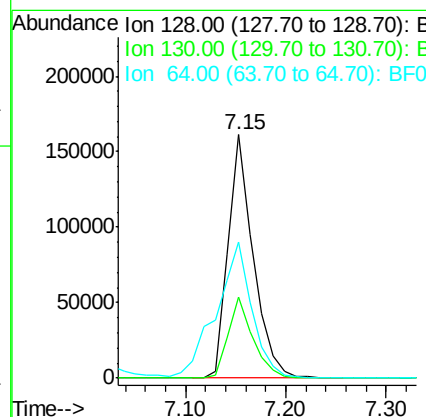
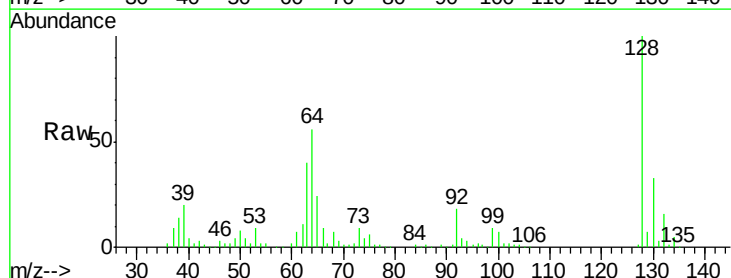
RT: 7.15 min Scan# 487

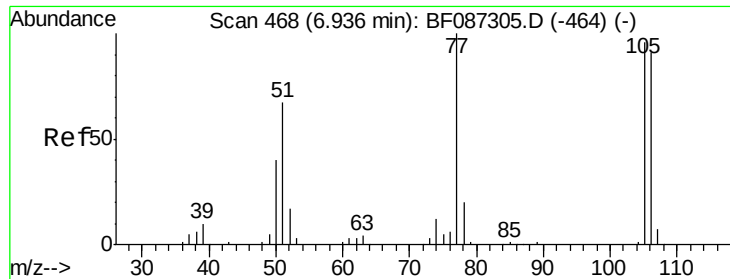
Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	279906		
130	33.1	12.5	52.5	
64	56.1	27.3	67.3	





#9

Benzaldehyde

Concen: 11.13 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF087507.D

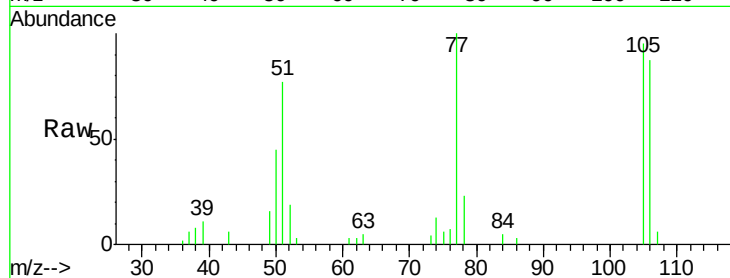
Acq: 29 May 2016 7:10

Instrument :

BNA_F

ClientSampleId :

MW-11BMS



Tgt Ion: 77 Resp: 51899

Ion Ratio Lower Upper

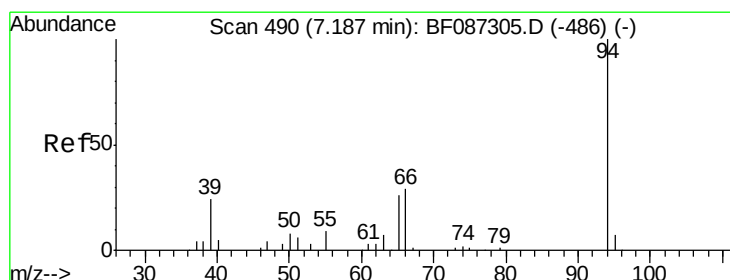
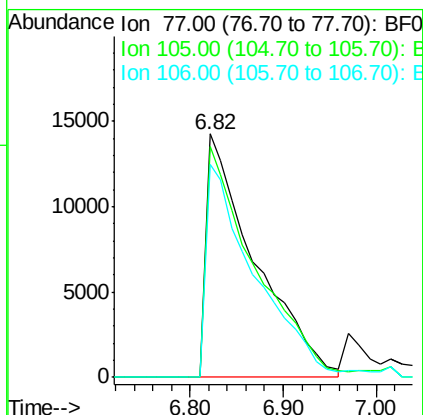
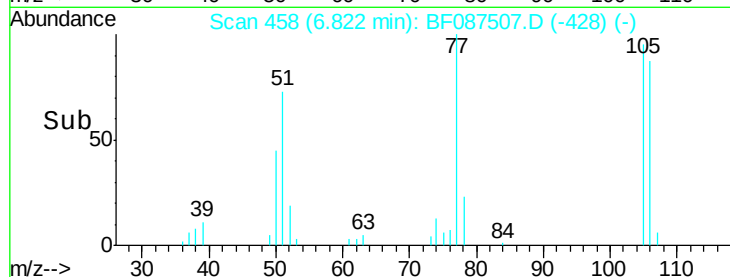
77 100

105 94.8 72.7 112.7

106 87.3 70.8 110.8

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#10

Phenol

Concen: 14.93 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

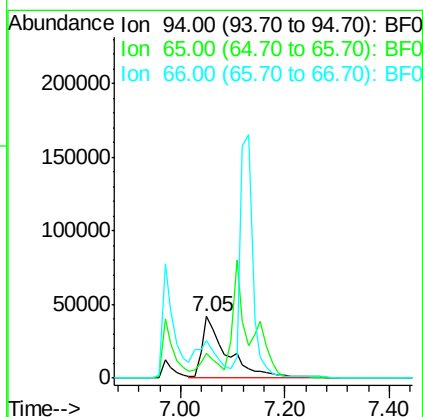
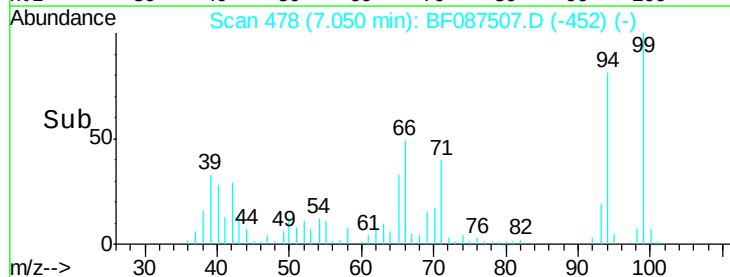
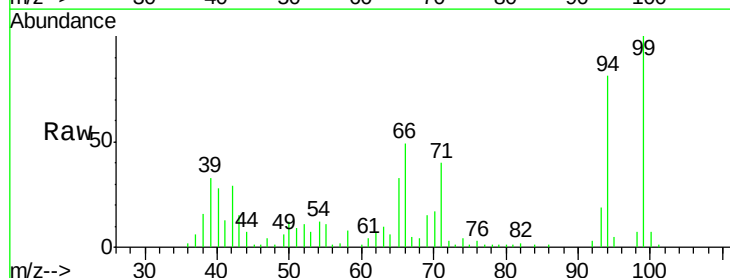
Tgt Ion: 94 Resp: 137733

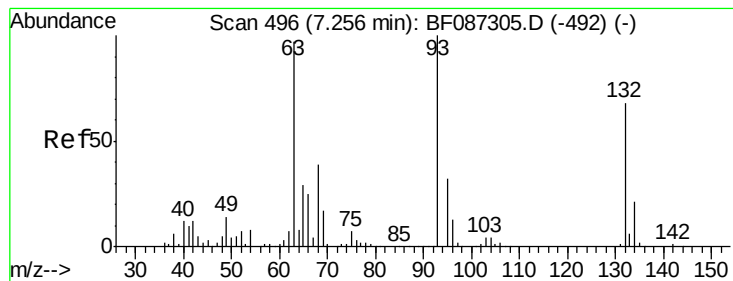
Ion Ratio Lower Upper

94 100

65 41.1 7.2 47.2

66 60.3 14.9 54.9#





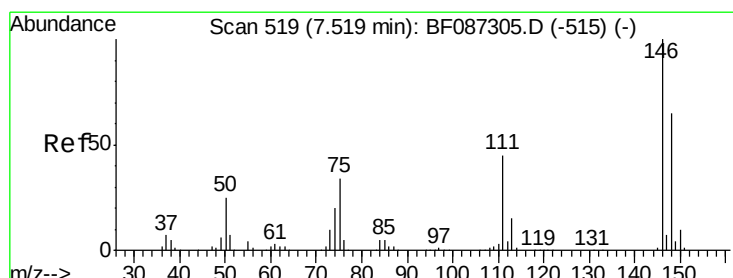
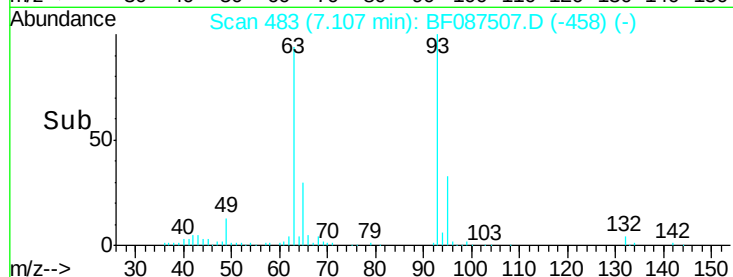
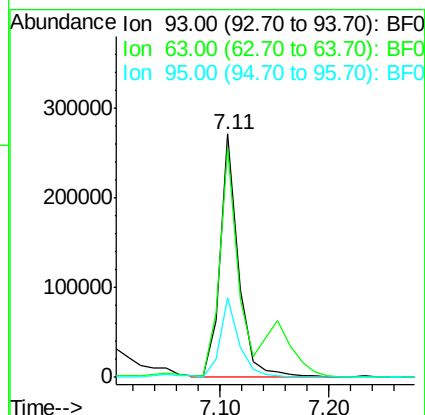
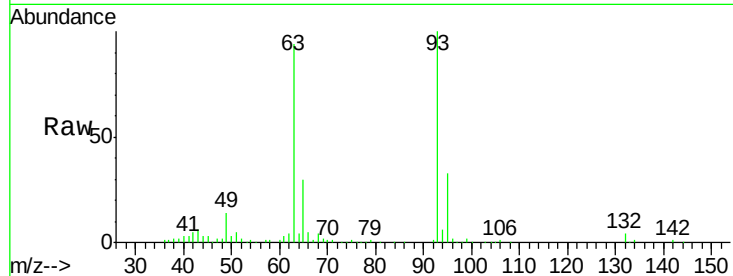
#11
bis(2-Chloroethyl)ether
Concen: 42.78 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	94.3	58.0	98.0
95	32.7	11.9	51.9

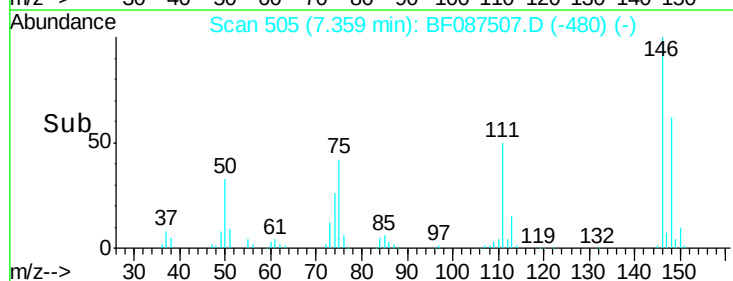
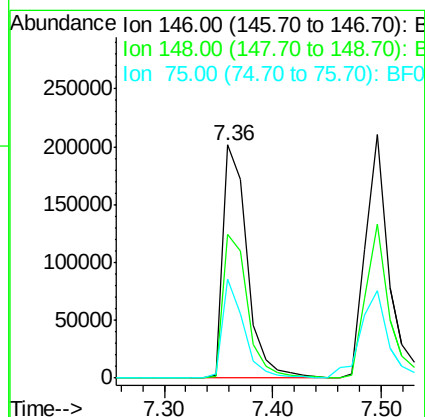
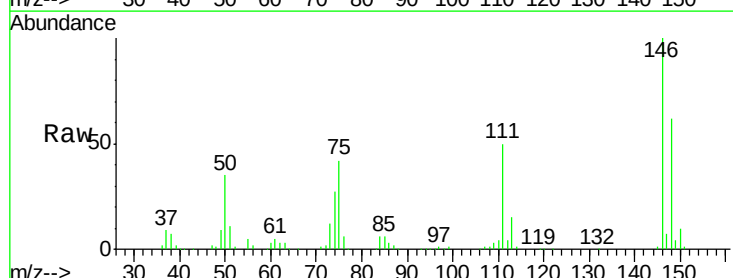
Manual Integrations
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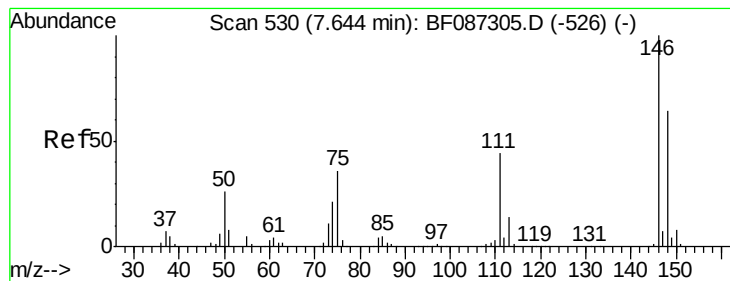
sohil
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#12
1,3-Dichlorobenzene
Concen: 36.66 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	61.9	52.4	78.6
75	42.4	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 36.86 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

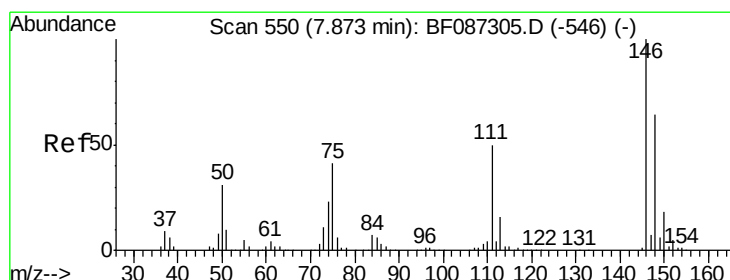
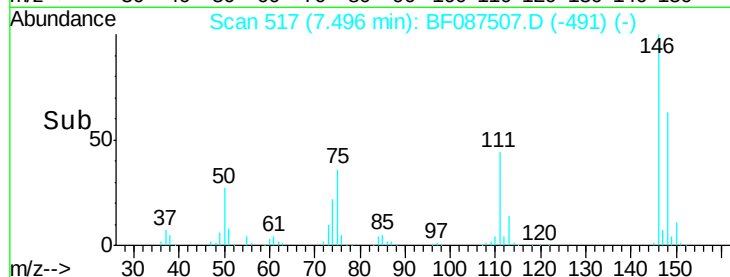
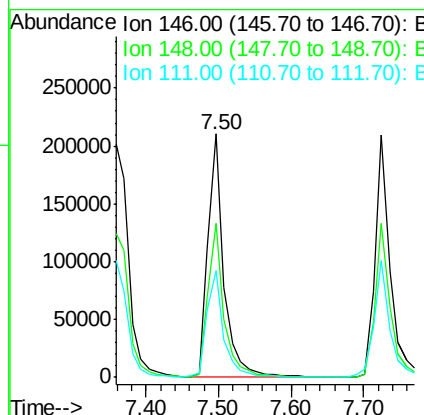
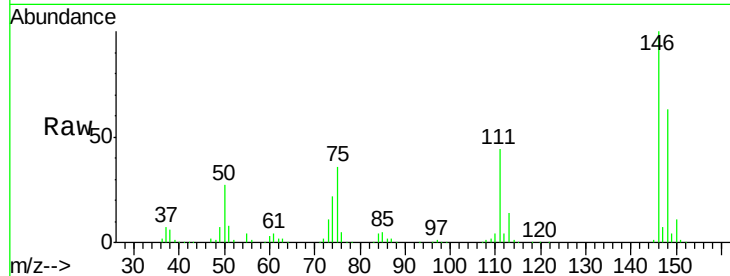
ClientSampled :

MW-11BMS

Tgt Ion:	146	Resp:	321725
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.4
111	43.6	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 37.99 ng

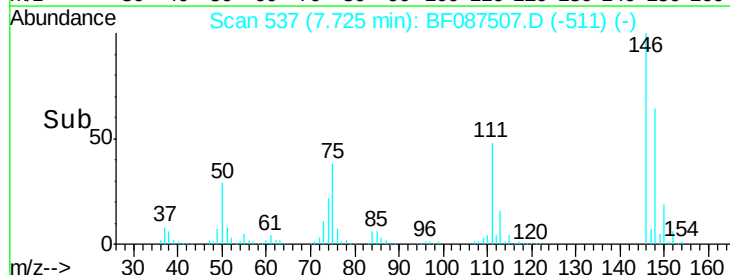
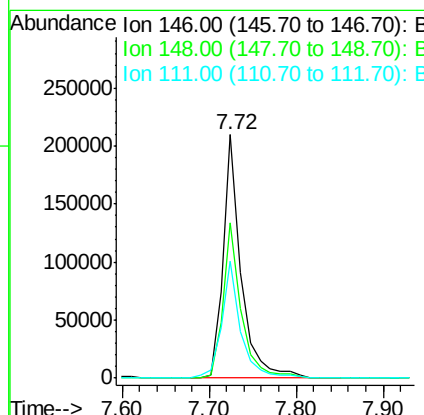
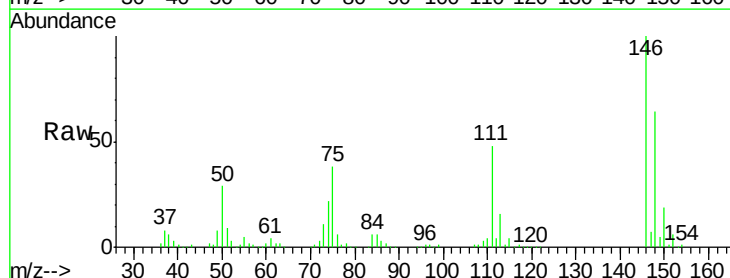
RT: 7.72 min Scan# 537

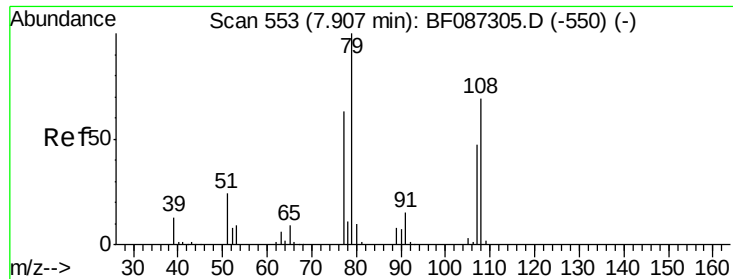
Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion:	146	Resp:	306691
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.0	76.6
111	48.0	36.2	54.4





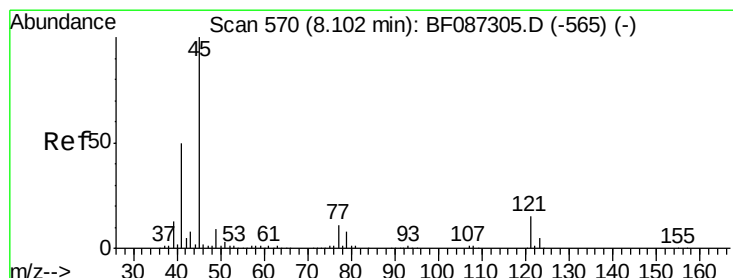
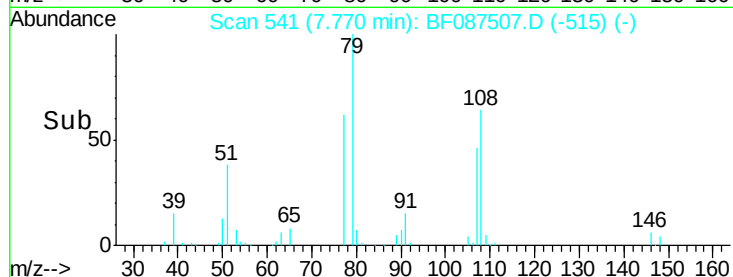
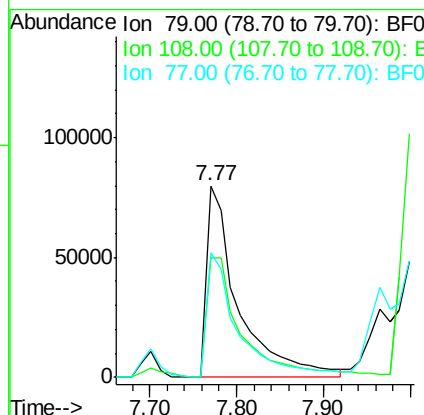
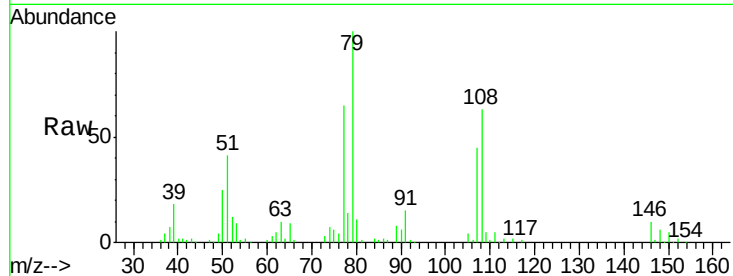
#15
Benzyl Alcohol
Concen: 32.76 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion: 79 Resp: 201748
Ion Ratio Lower Upper
79 100
108 62.7 68.4 102.6#
77 65.4 50.6 76.0

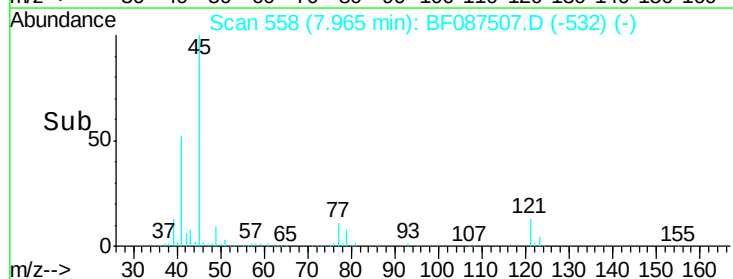
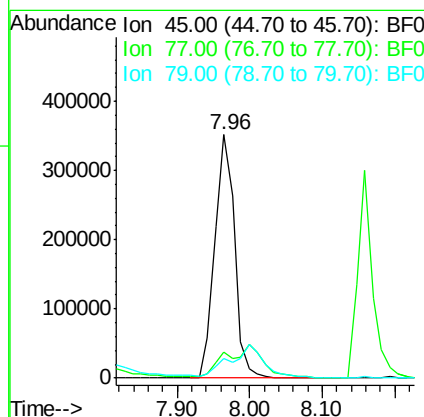
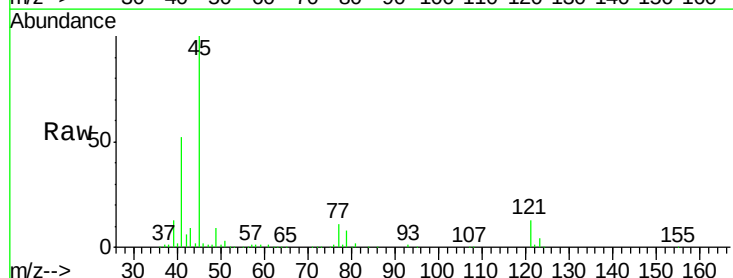
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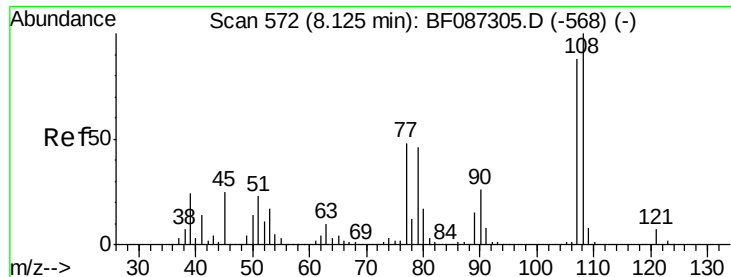
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.58 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion: 45 Resp: 664715
Ion Ratio Lower Upper
45 100
77 10.7 0.0 36.4
79 8.1 0.0 33.4





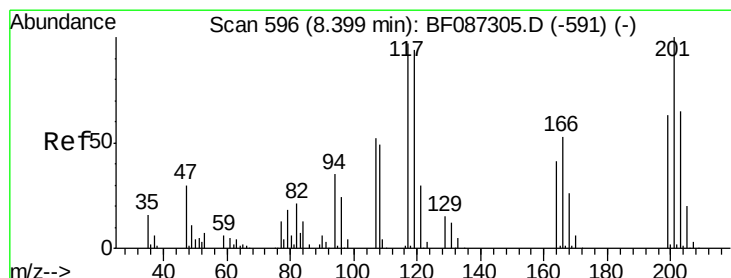
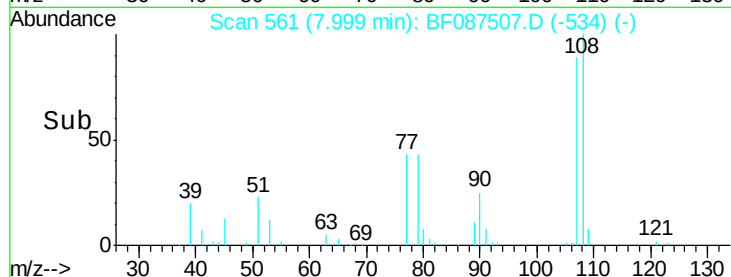
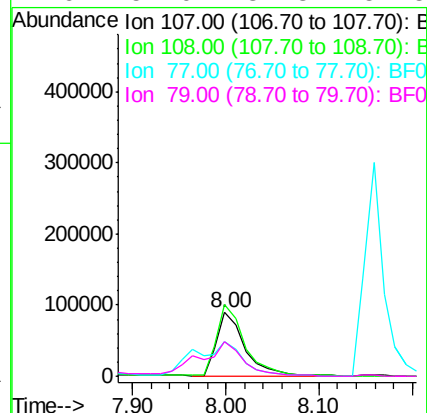
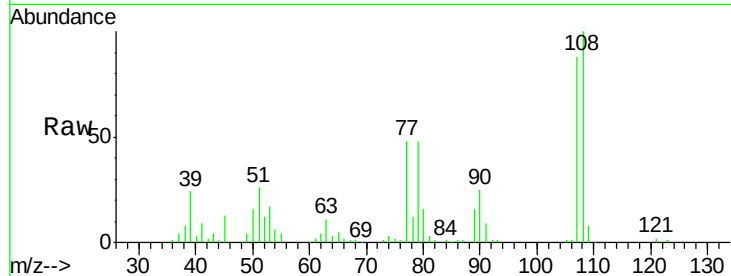
#17
2-Methylphenol
Concen: 30.89 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion:	107	Resp:	192997
Ion Ratio	Lower	Upper	
107	100		
108	113.6	93.7	140.5
77	54.4	33.4	50.0#
79	54.0	34.3	51.5#

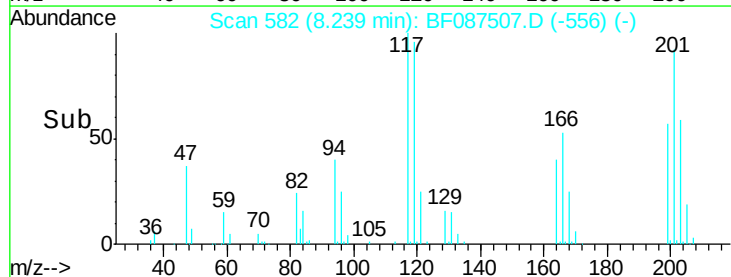
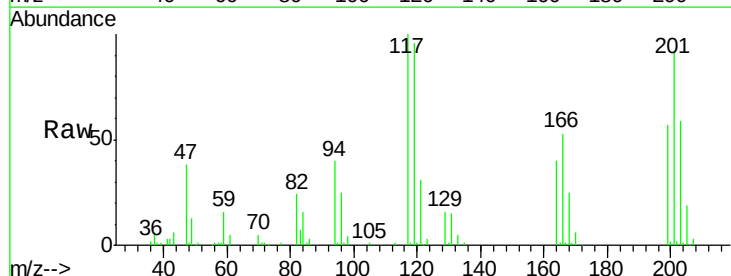
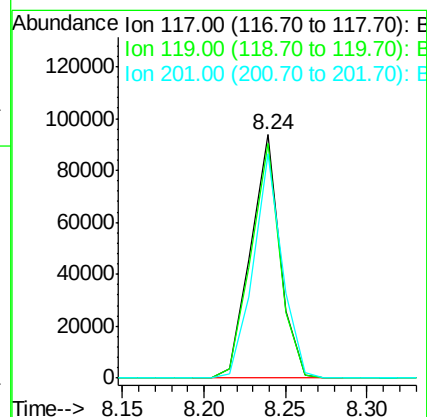
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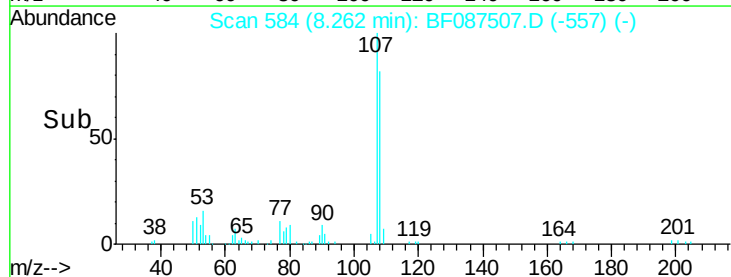
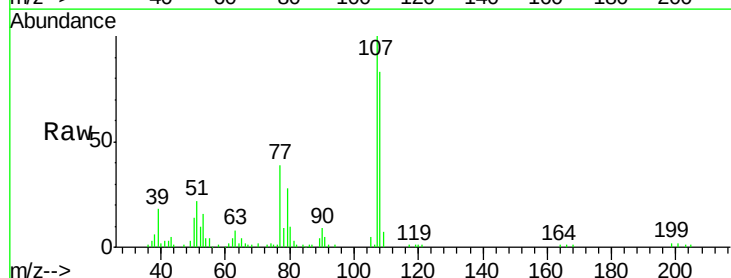
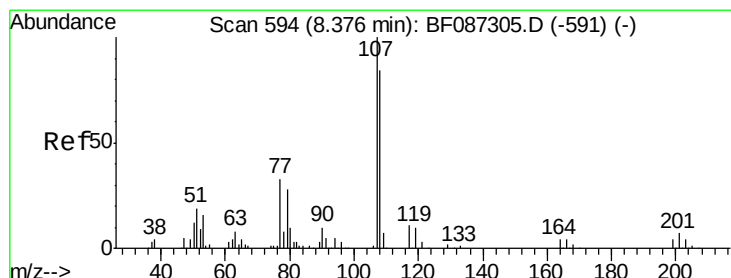
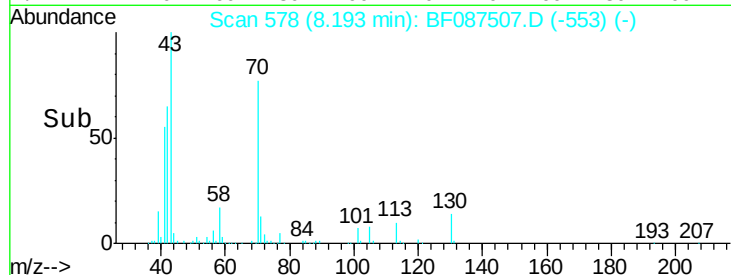
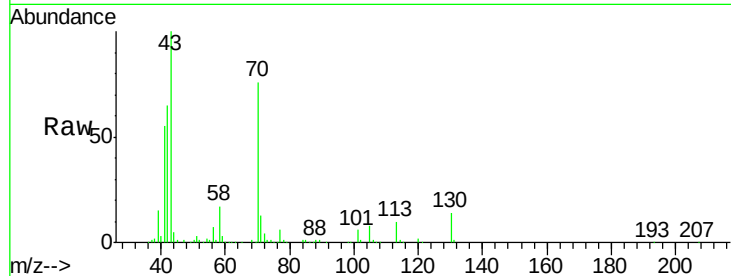
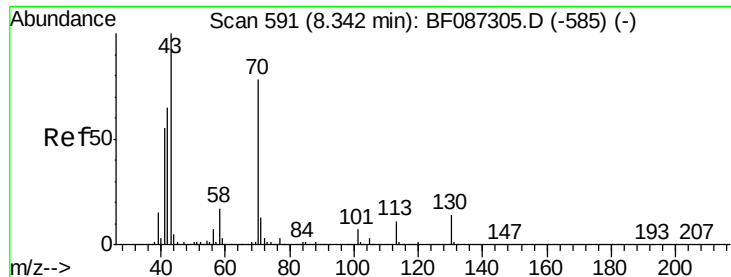
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#18
Hexachloroethane
Concen: 35.81 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion:	117	Resp:	116617
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.5	114.7
201	92.4	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.47 ng

RT: 8.19 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

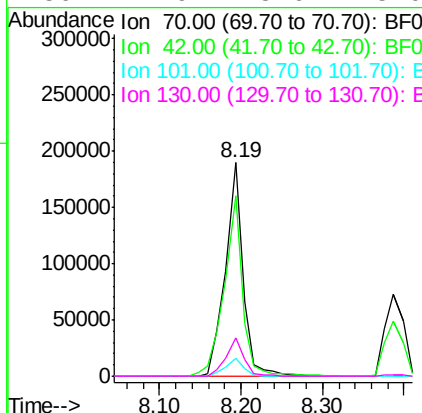
ClientSampleId :

MW-11BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	84.8	43.1	64.7#
101	8.5	8.1	12.1
130	17.9	18.6	28.0#

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#20

3+4-Methylphenols

Concen: 28.38 ng

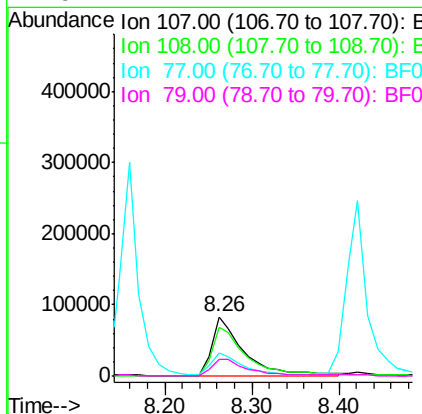
RT: 8.26 min Scan# 584

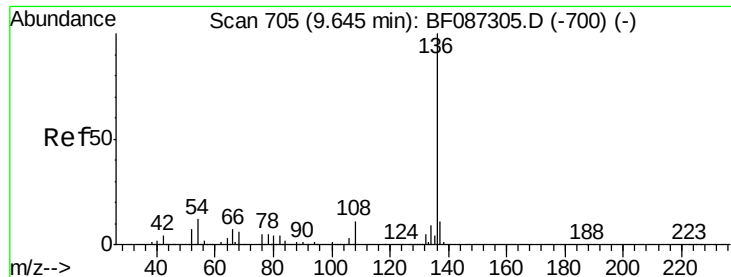
Delta R.T. 0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	83.1	68.5	108.5
77	38.7	101.6	141.6#
79	27.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

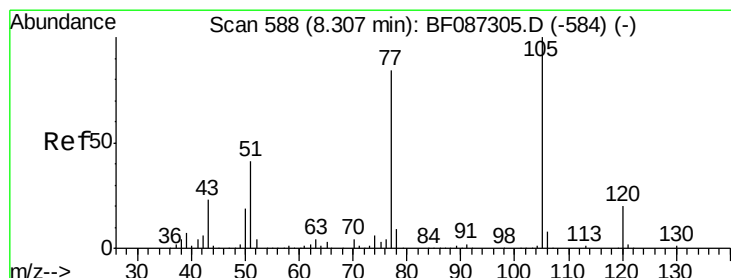
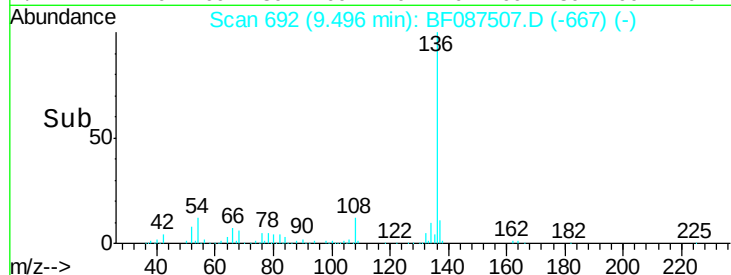
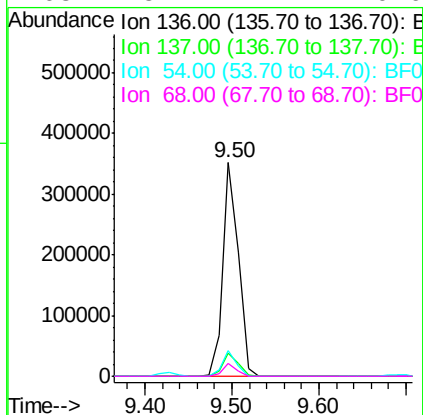
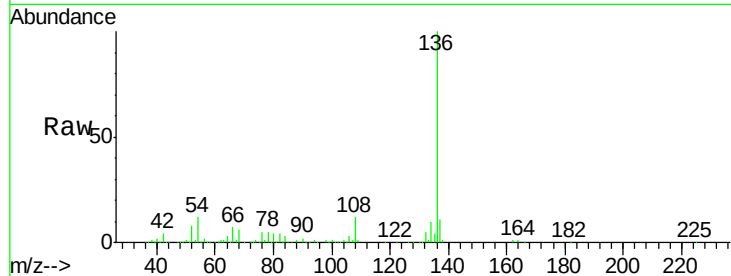
ClientSampled :

MW-11BMS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		439801		
137	10.7	8.8	13.2		
54	12.1	5.0	7.4#		
68	5.7	4.4	6.6		

Manual Integrations
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#22

Acetophenone

Concen: 48.22 ng

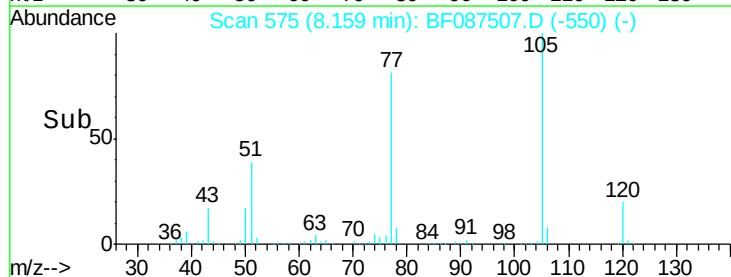
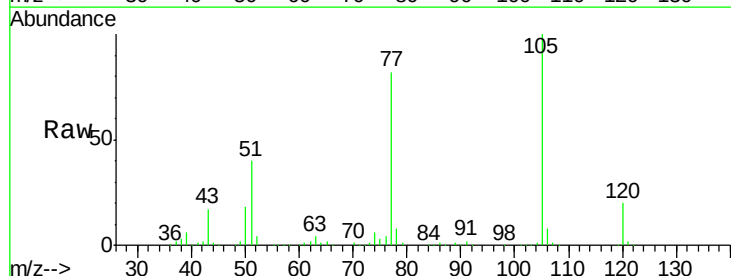
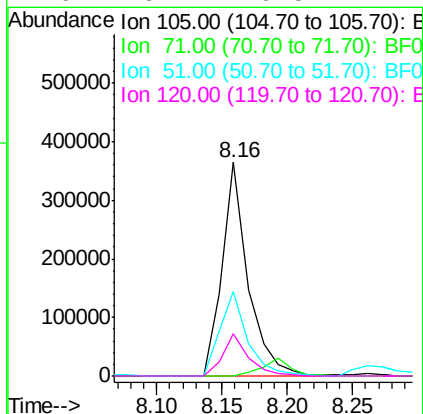
RT: 8.16 min Scan# 575

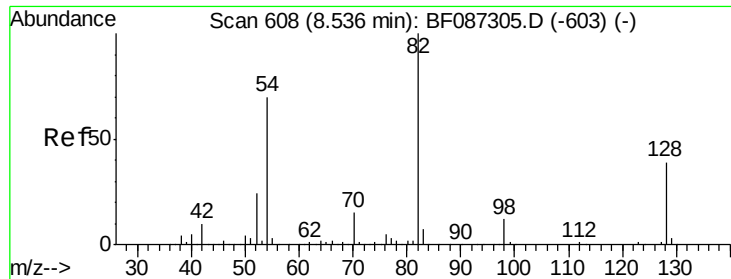
Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		506673		
71	0.1	4.8	7.2#		
51	39.9	32.6	49.0		
120	20.1	16.5	24.7		





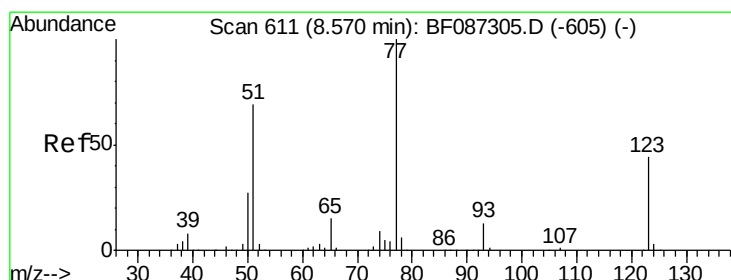
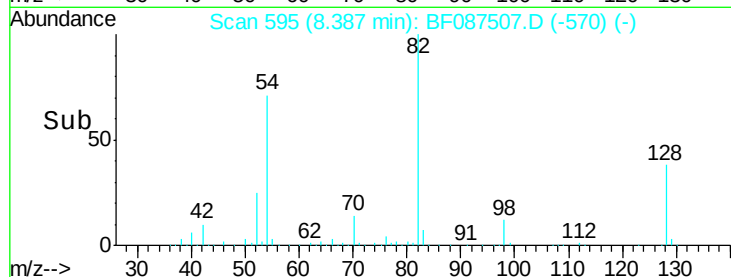
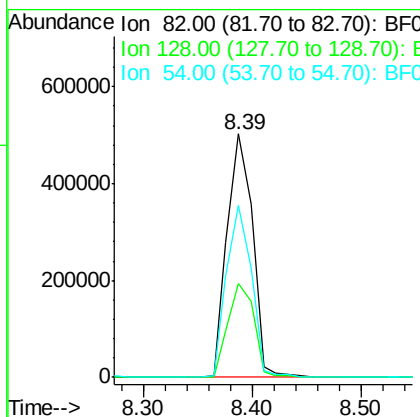
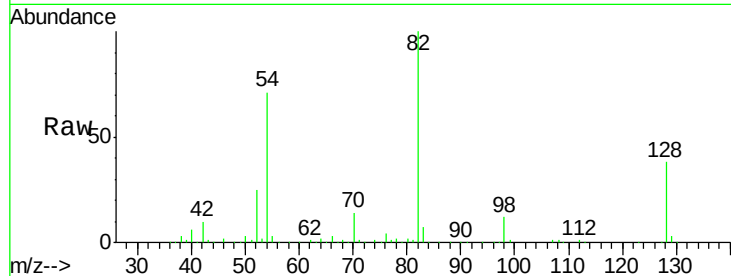
#23
Nitrobenzene-d5
Concen: 93.16 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	812936		
128	38.4	40.6	61.0#	
54	70.7	38.1	57.1#	

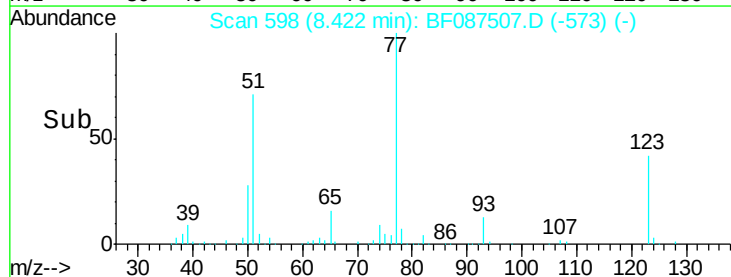
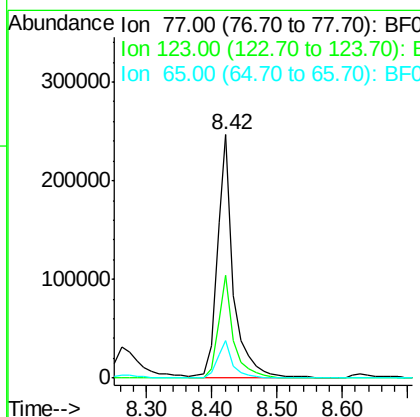
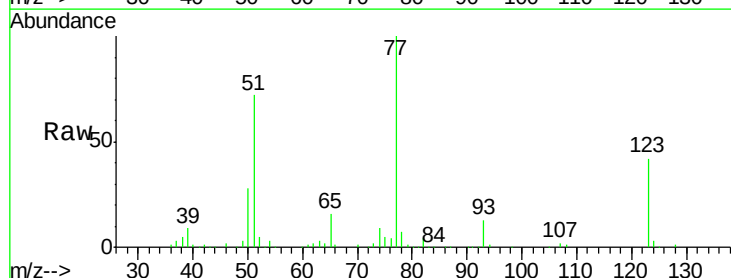
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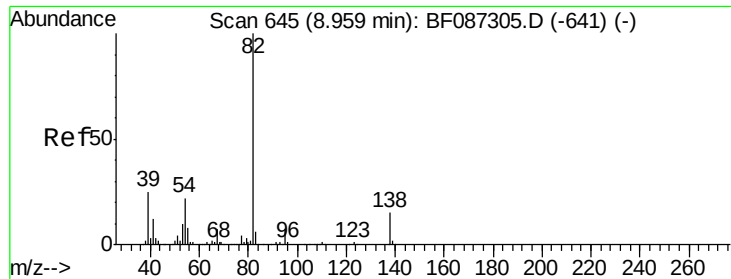
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#24
Nitrobenzene
Concen: 45.15 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	415924		
123	42.3	33.0	49.4	
65	15.5	10.8	16.2	





#25

Isophorone

Concen: 45.83 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF087507.D

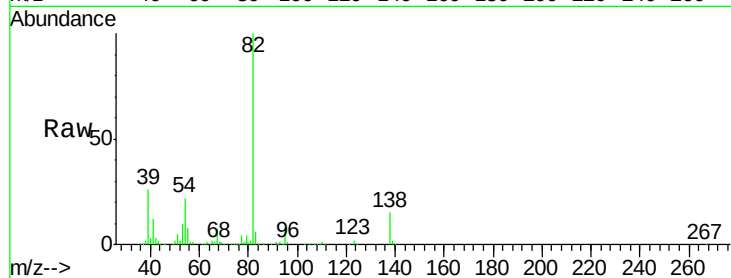
Acq: 29 May 2016 7:10

Instrument :

BNA_F

ClientSampleId :

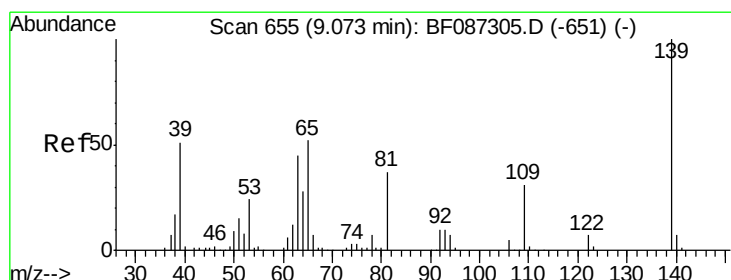
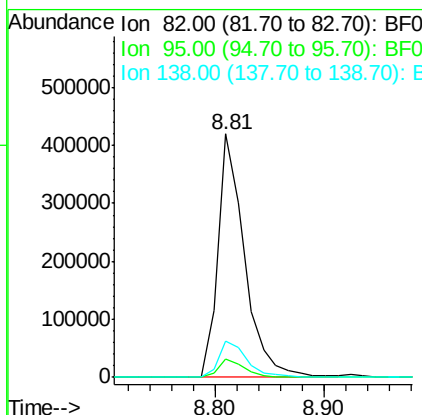
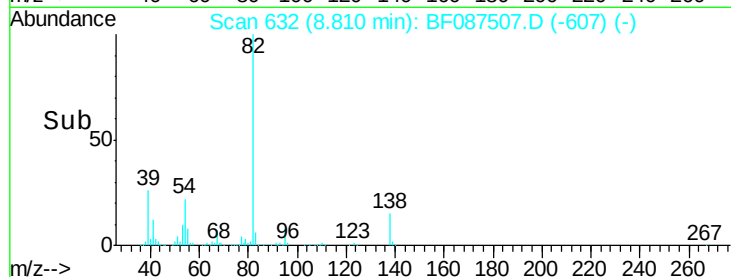
MW-11BMS



Tgt Ion:	82	Resp:	717294
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.1	7.7
138	15.1	12.4	18.6

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#26

2-Nitrophenol

Concen: 43.94 ng

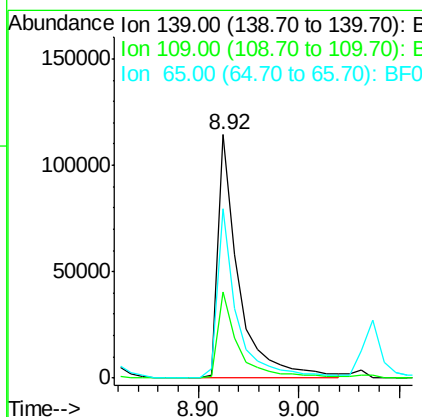
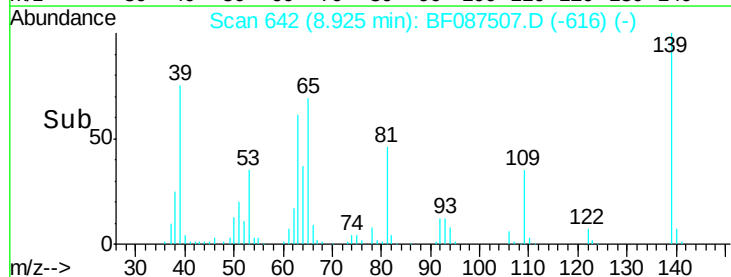
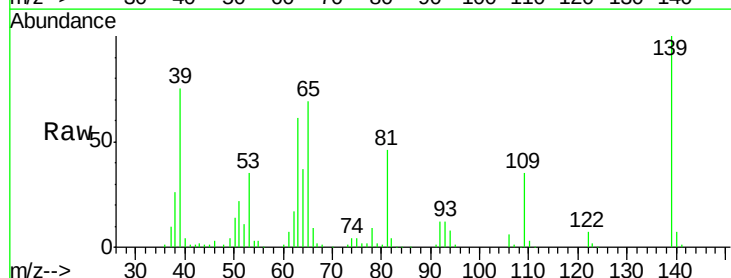
RT: 8.92 min Scan# 642

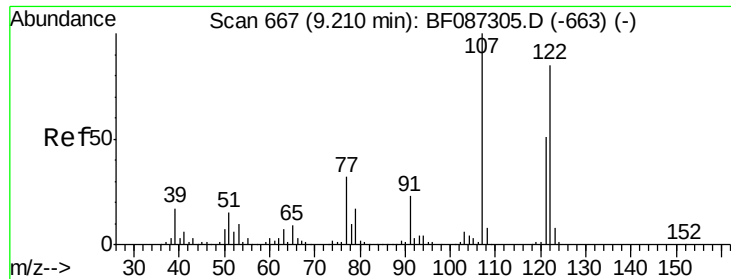
Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion:	139	Resp:	165446
Ion Ratio	Lower	Upper	
139	100		
109	35.5	19.5	29.3#
65	69.3	37.5	56.3#





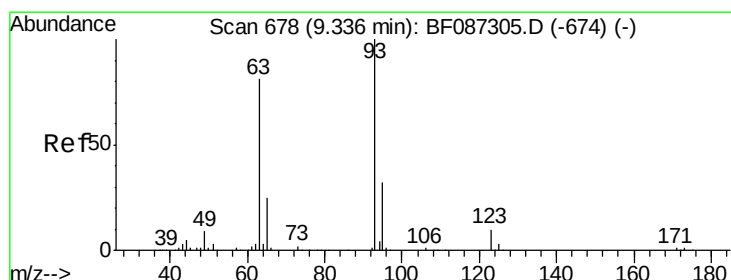
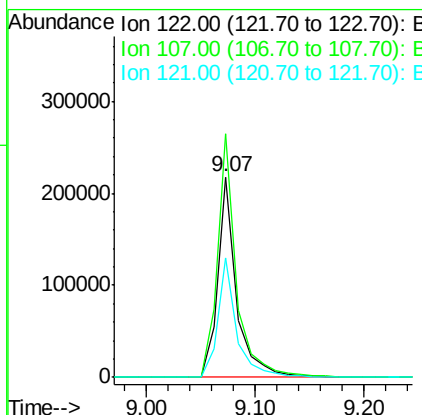
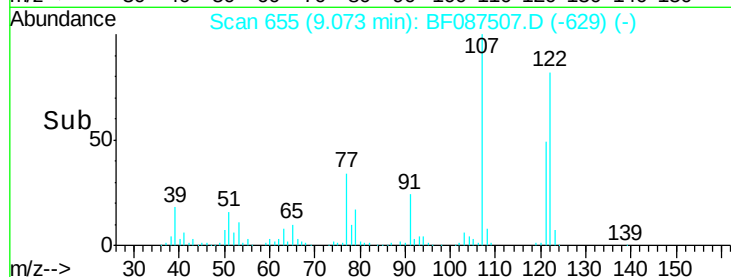
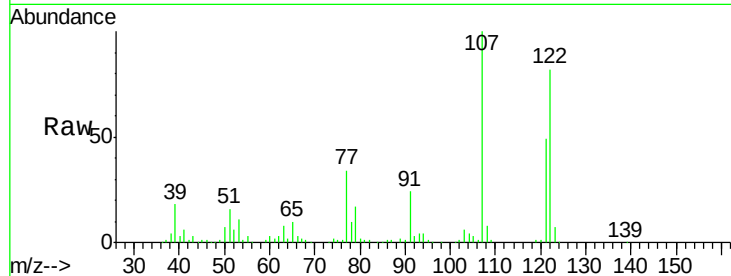
#27
 2,4-Dimethylphenol
 Concen: 40.26 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion:	122	Resp:	263125
Ion Ratio	Lower	Upper	
122	100		
107	121.5	82.0	123.0
121	59.5	46.1	69.1

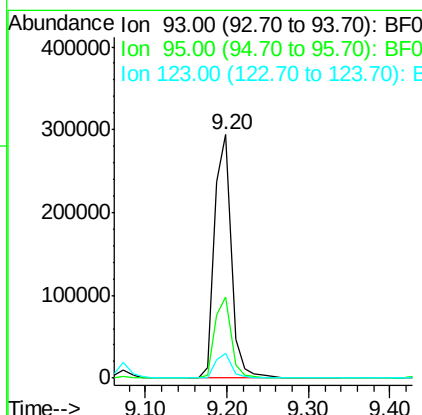
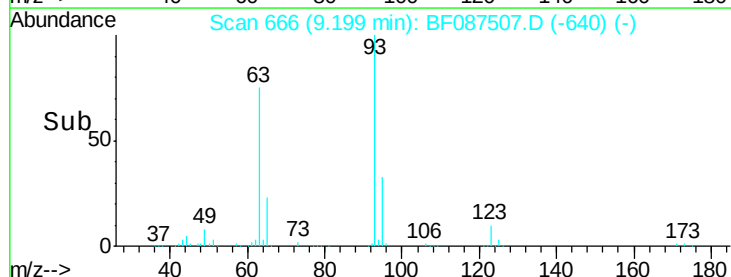
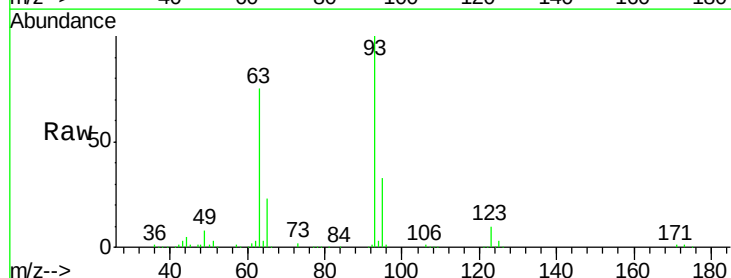
Manual Integrations
 APPROVED

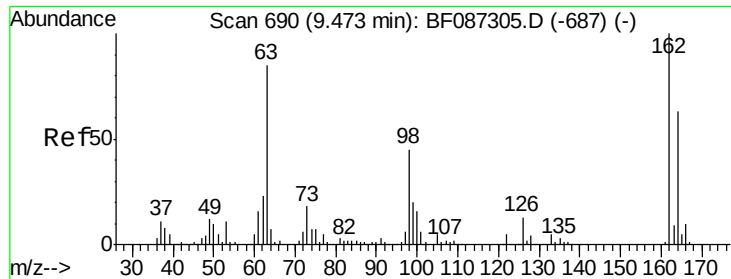
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.06 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion:	93	Resp:	423695
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.0	39.0
123	10.2	9.5	14.3





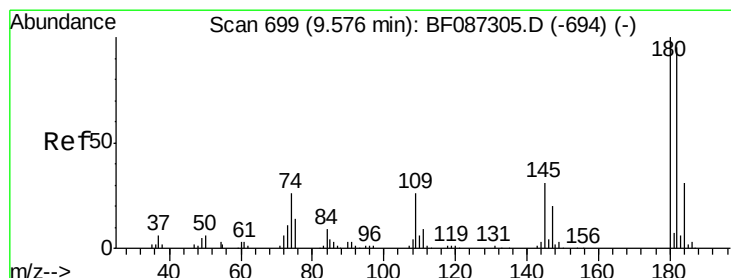
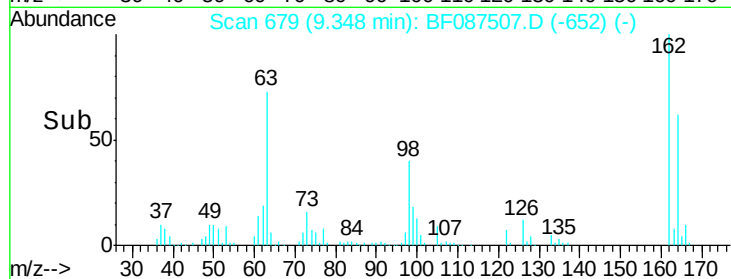
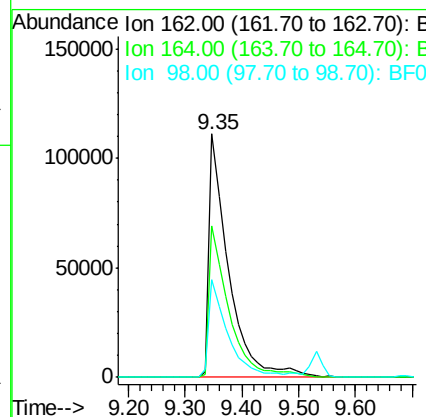
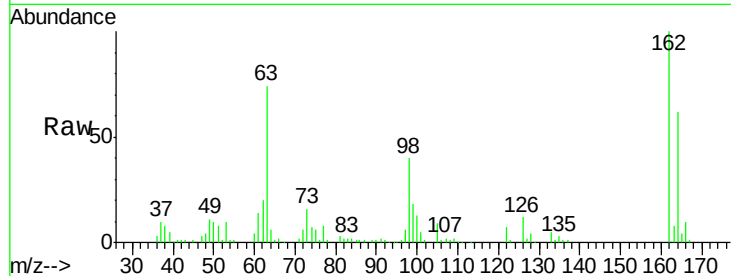
#29
 2,4-Dichlorophenol
 Concen: 43.84 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	258263		
164	62.2	42.2	82.2	
98	39.9	19.0	59.0	

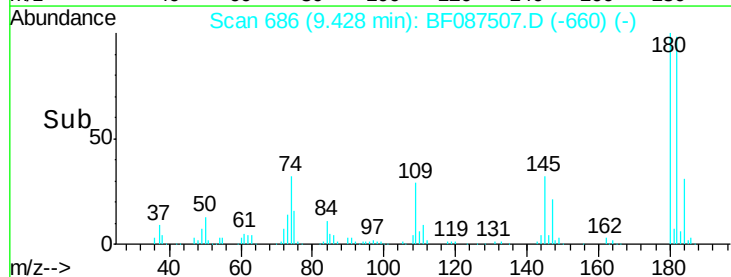
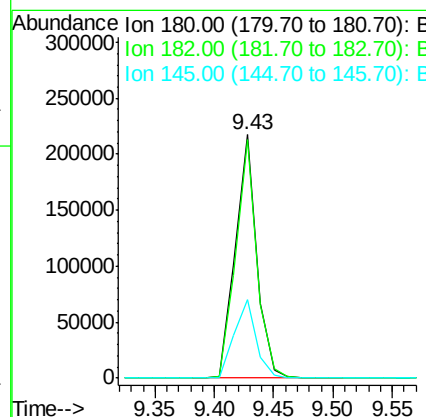
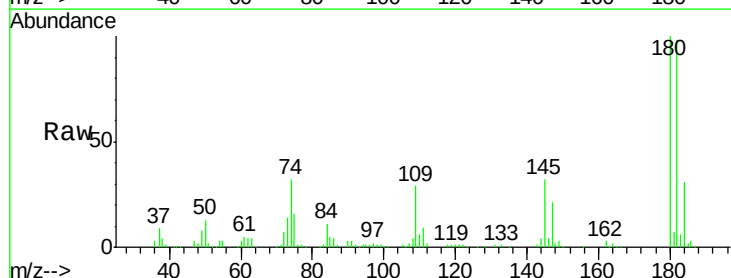
Manual Integrations
 APPROVED

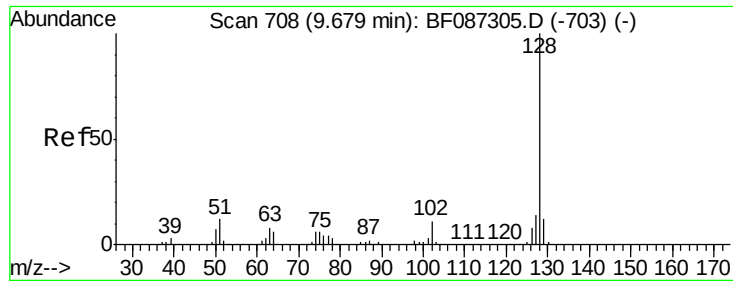
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.31 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	271846		
182	98.0	78.0	117.0	
145	32.4	24.2	36.2	





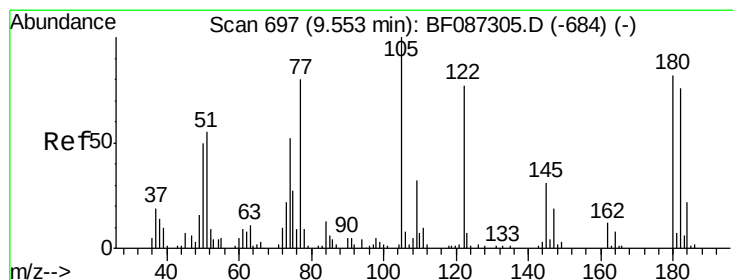
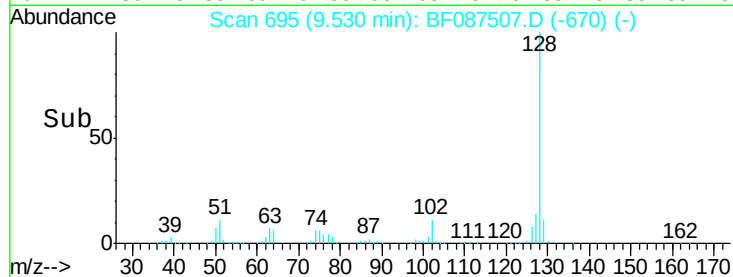
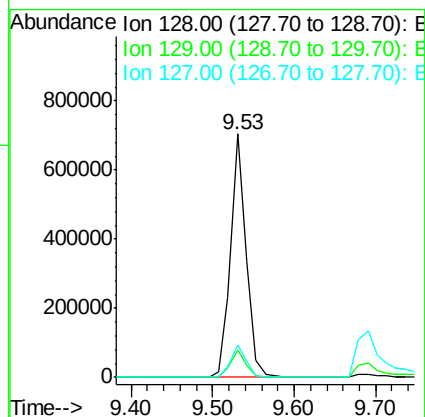
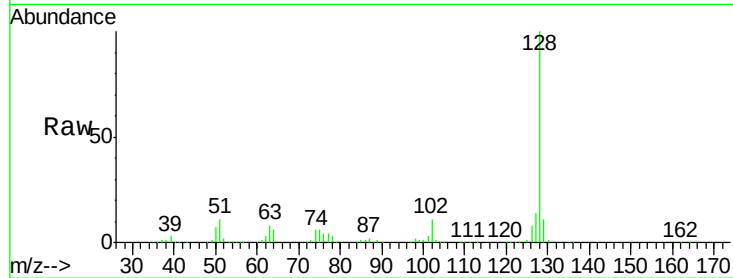
#31
Naphthalene
Concen: 42.25 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	8.6	13.0
127	13.5	10.8	16.2

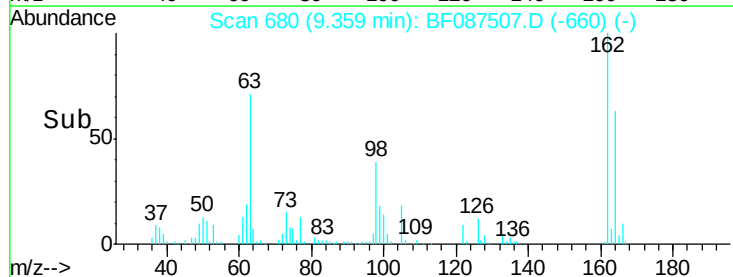
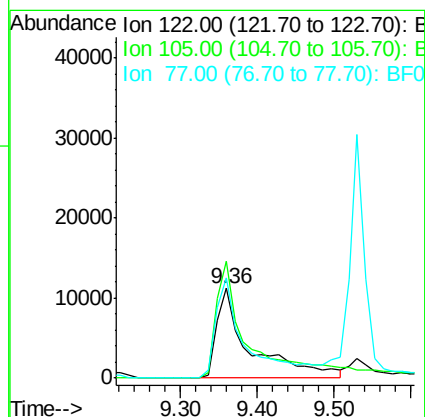
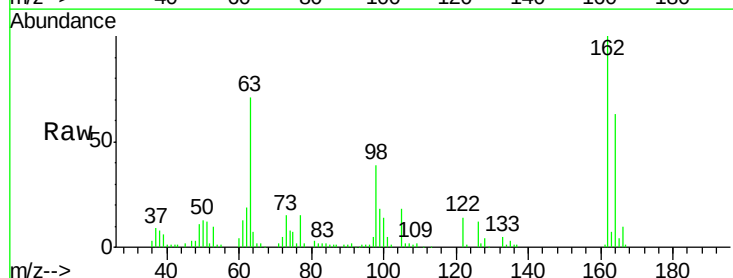
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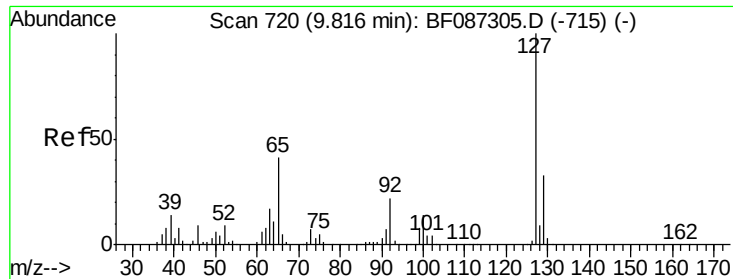
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#32
Benzoic acid
Concen: 14.73 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.07 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	130.1	92.6	132.6
77	111.9	60.0	100.0





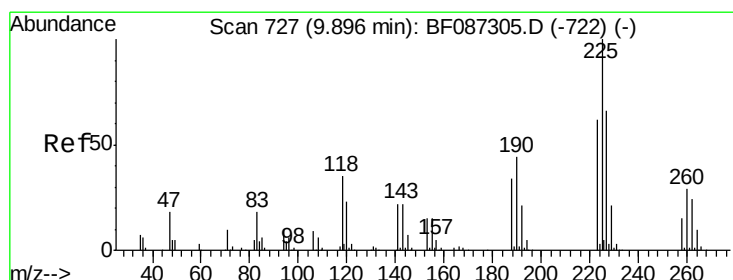
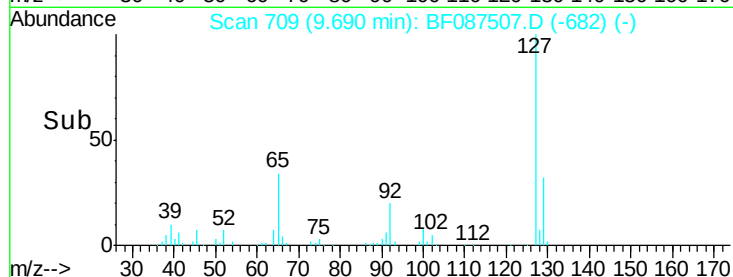
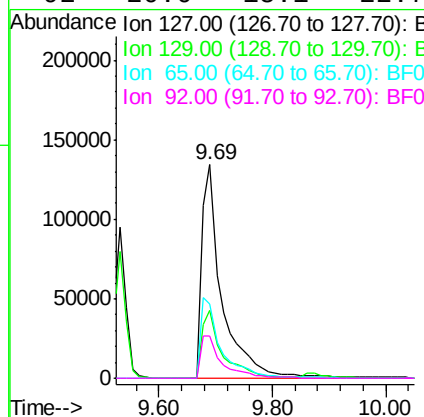
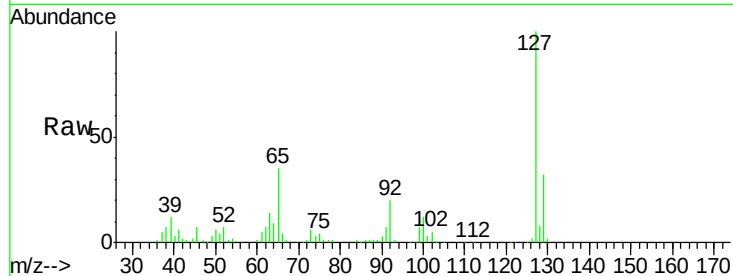
#33
4-Chloroaniline
Concen: 39.72 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.1	26.2	39.4
65	34.8	23.0	34.4
92	20.0	15.1	22.7

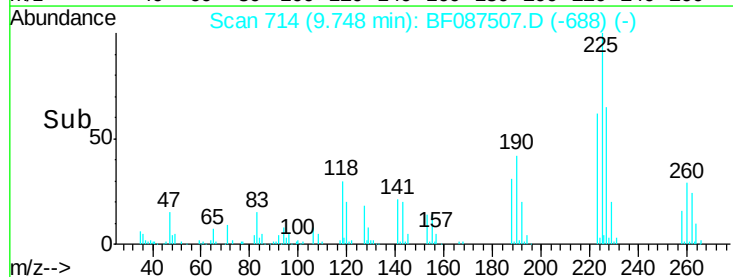
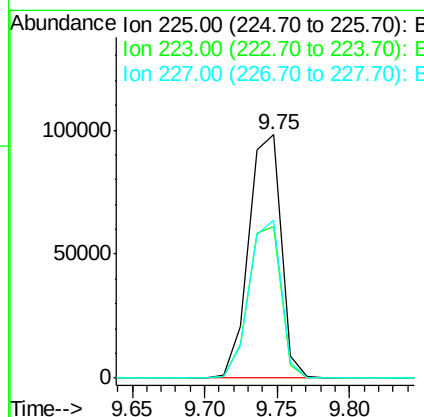
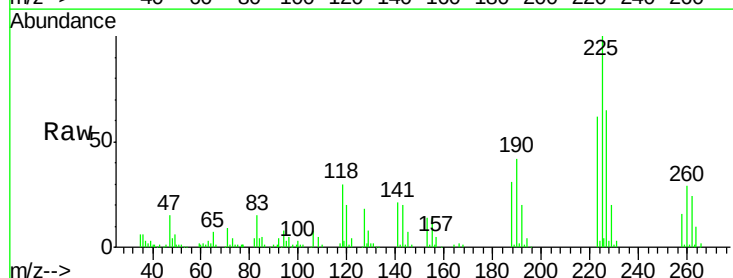
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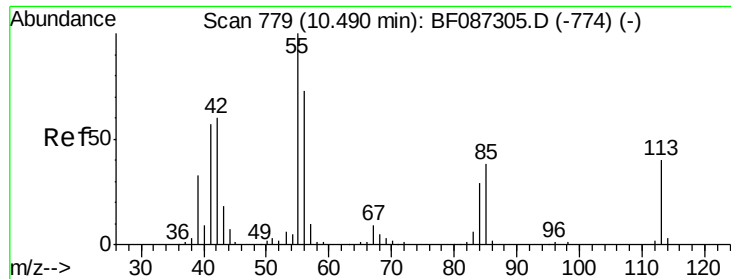
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#34
Hexachlorobutadiene
Concen: 37.12 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.2	51.5	77.3
227	64.7	52.2	78.2





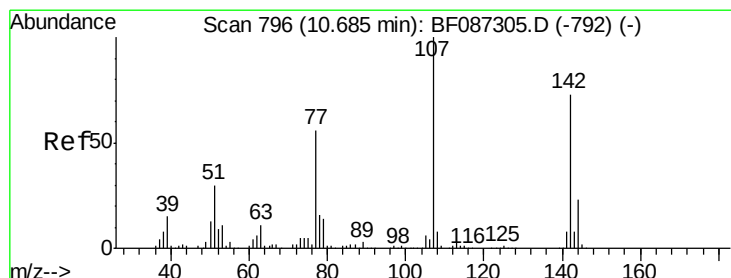
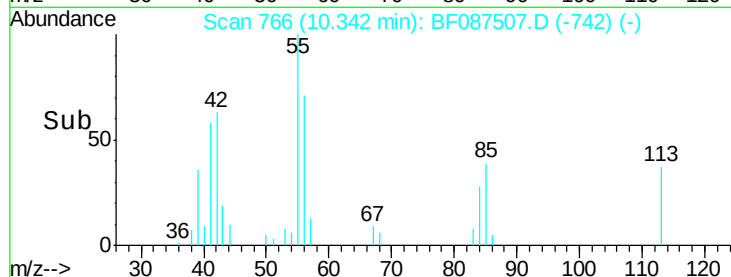
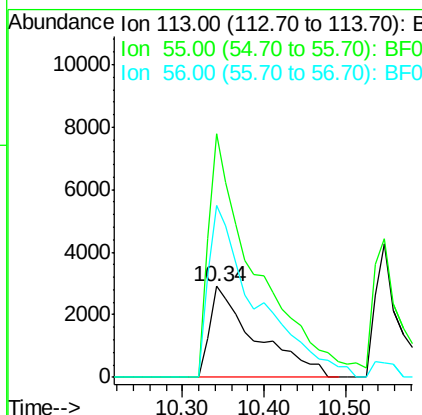
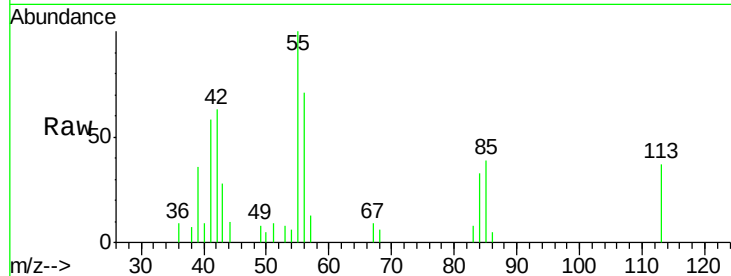
#35
 Caprolactam
 Concen: 6.62 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampled :
 MW-11BMS

Tgt Ion:113 Resp: 11379
 Ion Ratio Lower Upper
 113 100
 55 267.7 162.0 202.0#
 56 189.0 115.3 155.3#

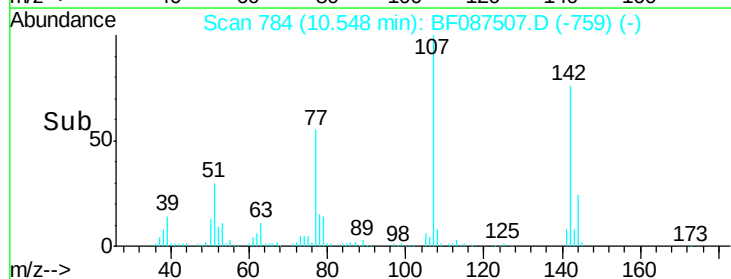
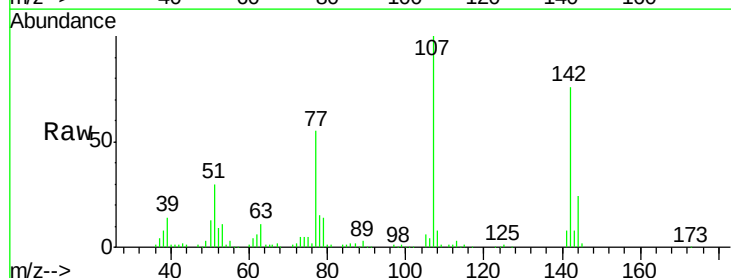
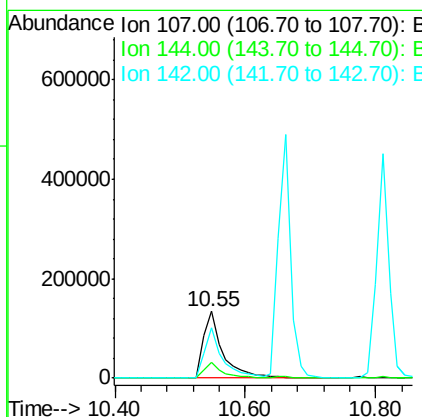
Manual Integrations
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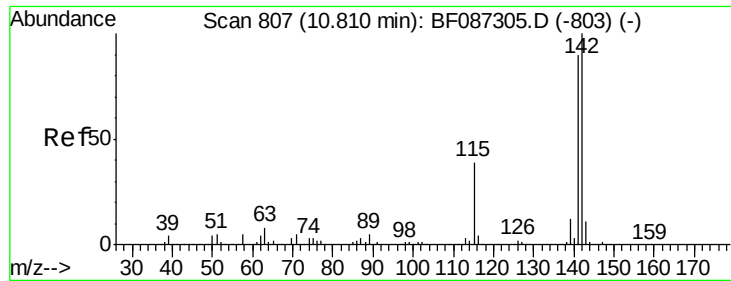
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#36
 4-Chloro-3-methylphenol
 Concen: 41.69 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion:107 Resp: 277655
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.7 31.1
 142 75.5 63.2 94.8





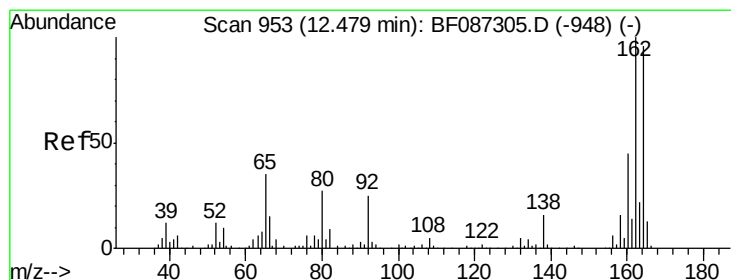
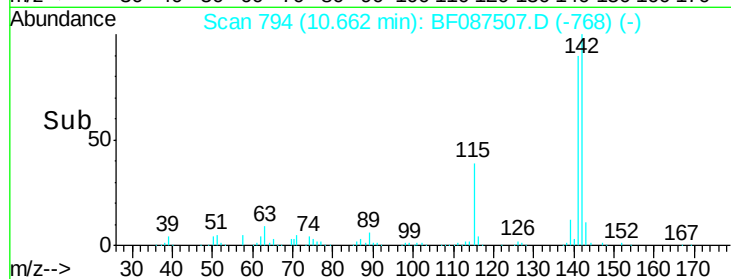
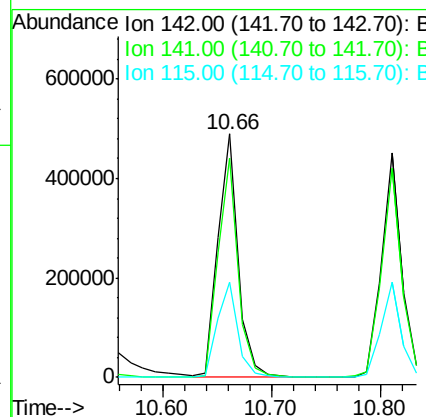
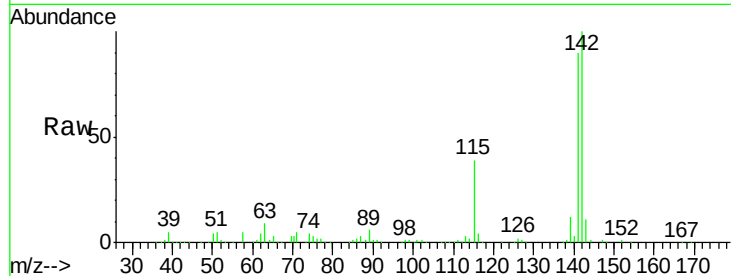
#37
2-Methylnaphthalene
Concen: 46.36 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	638299		
141	90.0	71.0	106.6	
115	39.3	26.6	39.8	

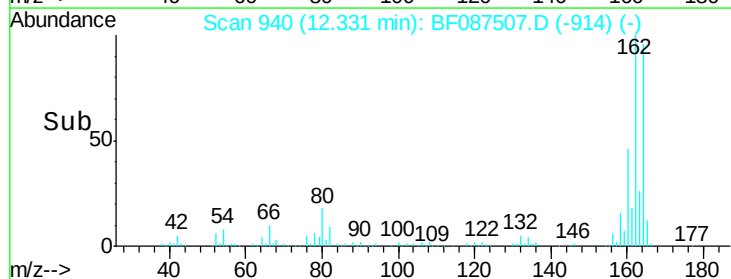
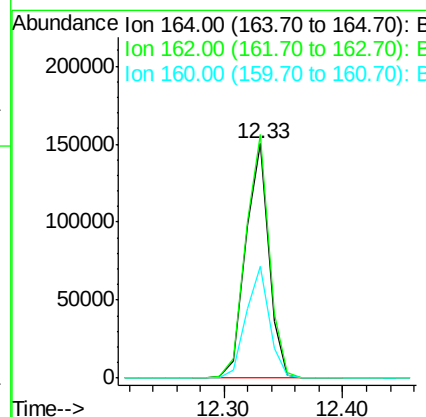
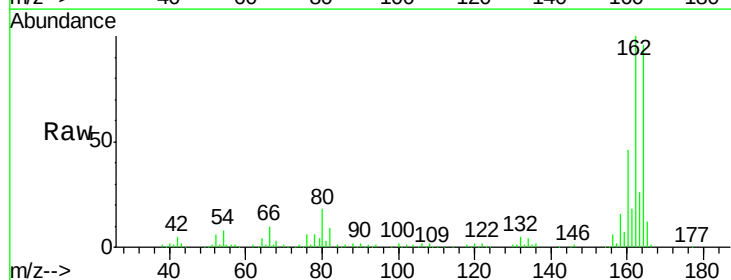
Manual Integrations
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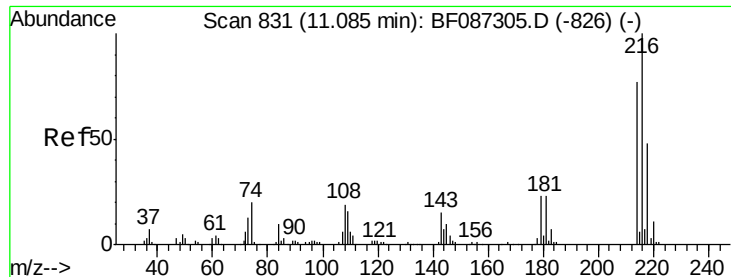
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205155		
162	103.8	82.8	124.2	
160	47.8	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.99 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

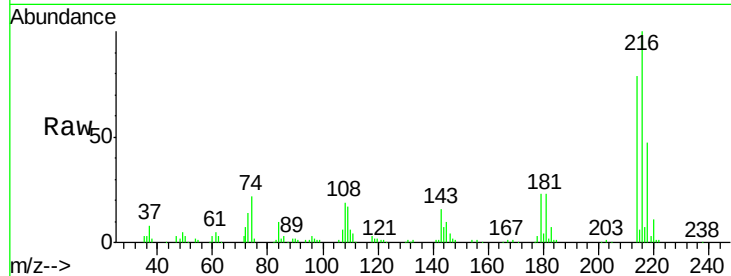
ClientSampled :

MW-11BMS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	62.6	93.8
179	23.9	18.2	27.4
108	22.9	17.5	26.3

Manual Integrations
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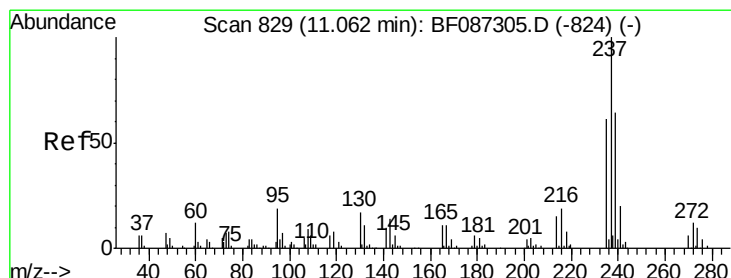
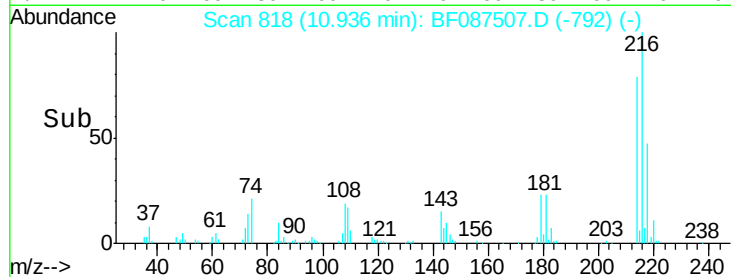
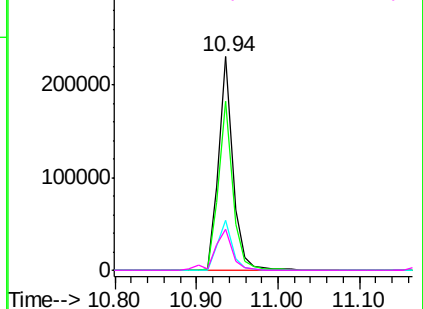


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.54 ng

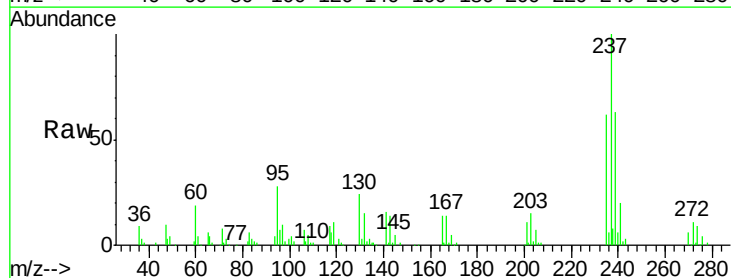
RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

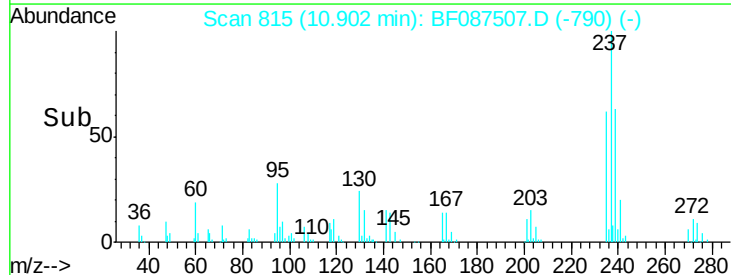
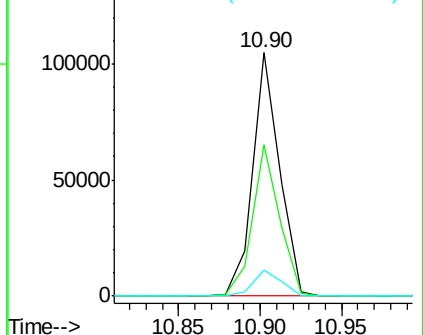
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	47.2	87.2
272	10.6	0.0	31.1

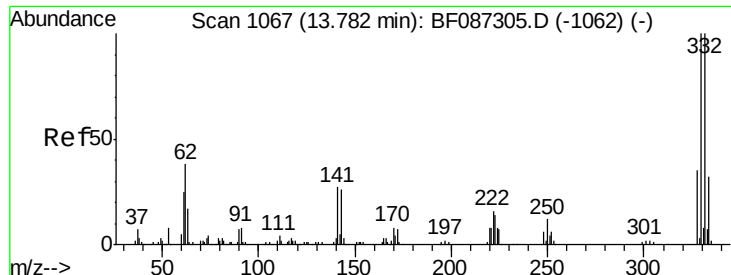


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





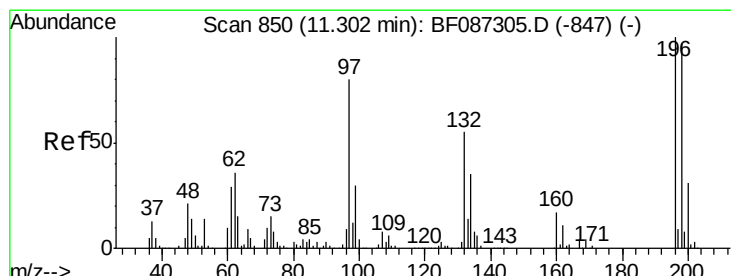
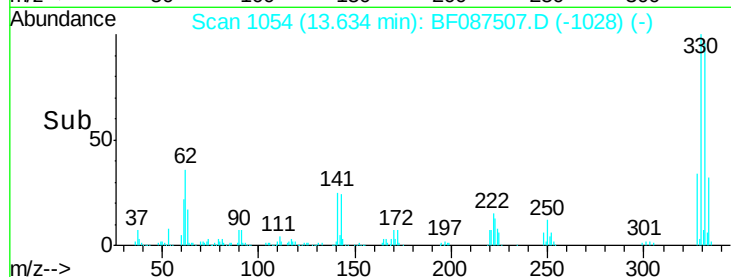
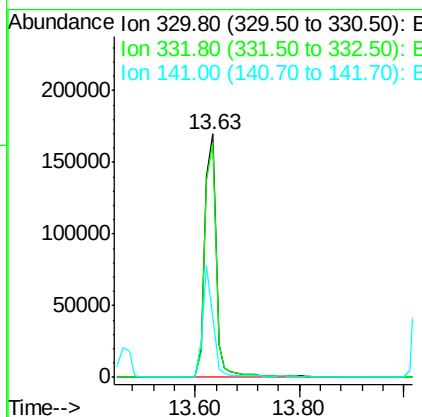
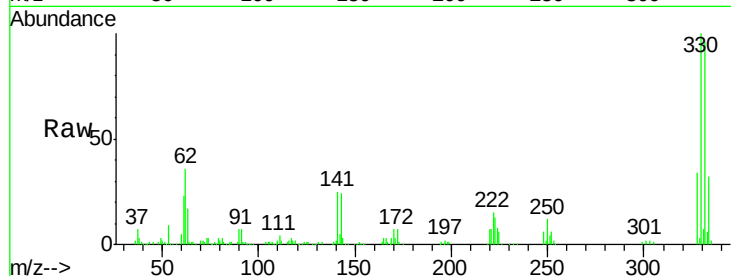
#41
 2,4,6-Tribromophenol
 Concen: 133.54 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	263275		
332	96.9	79.0	118.4	
141	42.1	31.2	46.8	

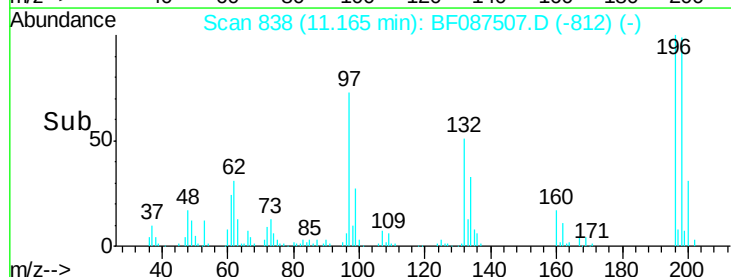
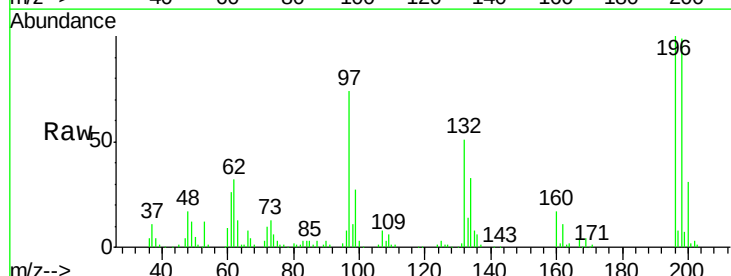
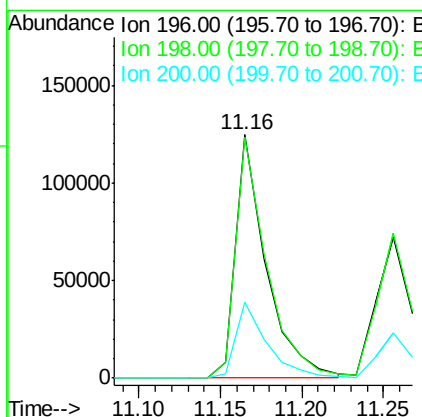
Manual Integrations
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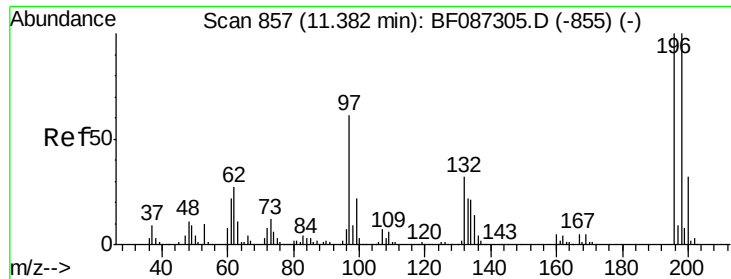
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#42
 2,4,6-Trichlorophenol
 Concen: 42.63 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161587		
198	98.8	74.7	112.1	
200	31.4	23.8	35.6	





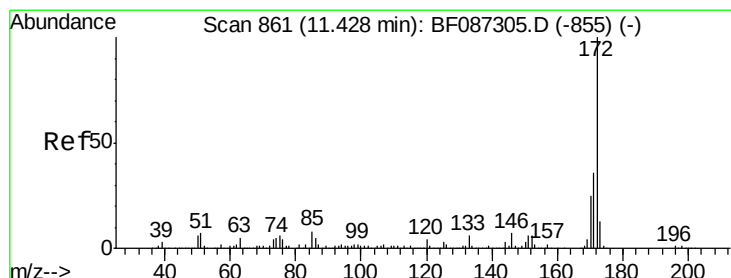
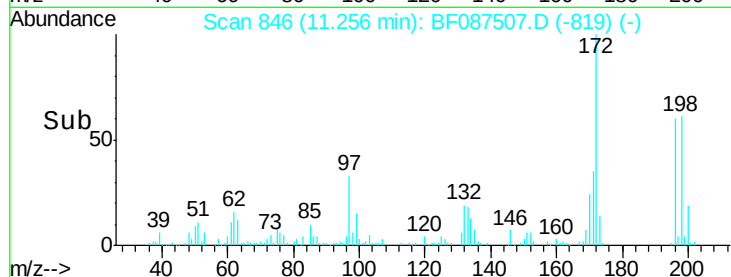
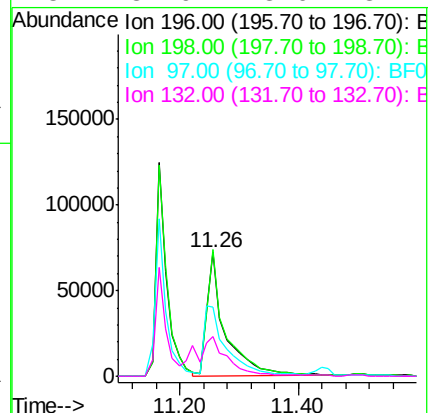
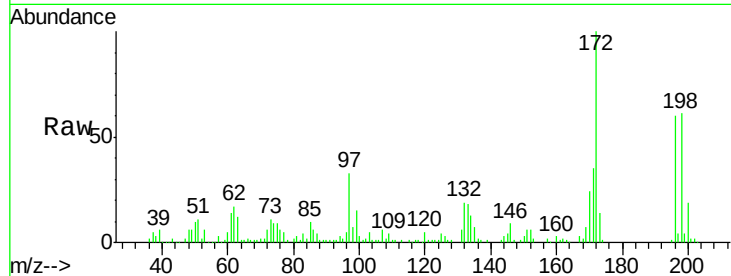
#43
 2,4,5-Trichlorophenol
 Concen: 40.43 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156056		
198	102.6	77.5	116.3	
97	56.1	34.8	52.2	
132	31.9	23.0	34.4	

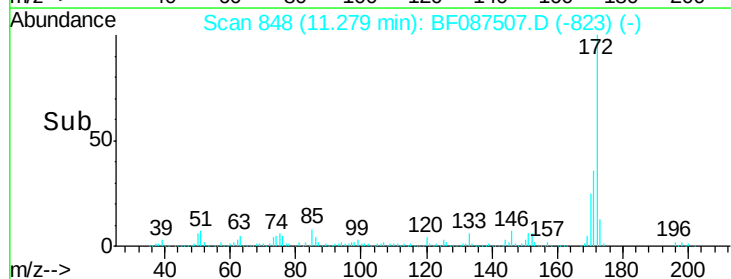
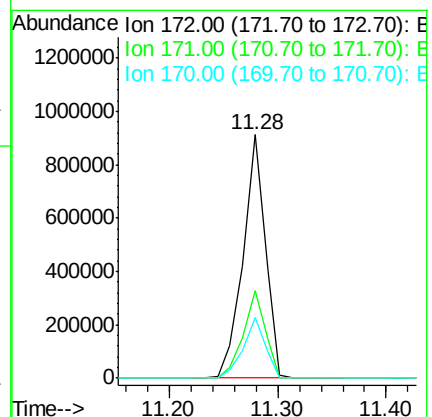
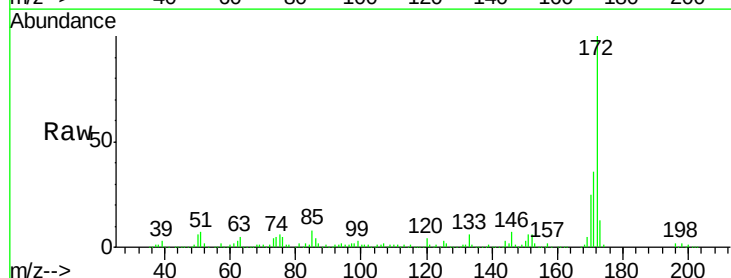
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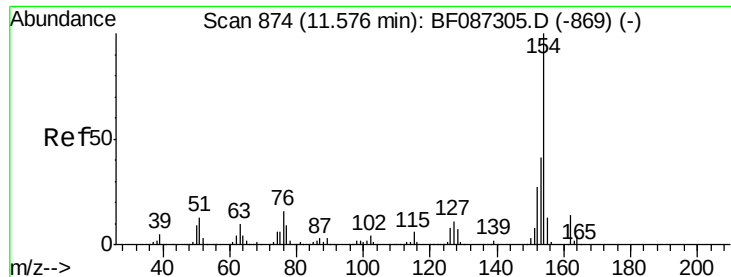
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 5/31/2016 7:37:52 PM



#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1288436		
171	36.1	29.0	43.6	
170	24.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 45.52 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

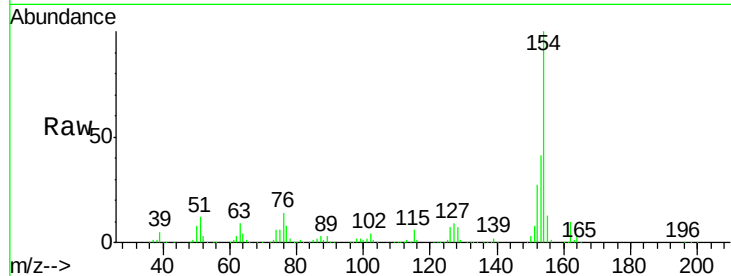
ClientSampleId :

MW-11BMS

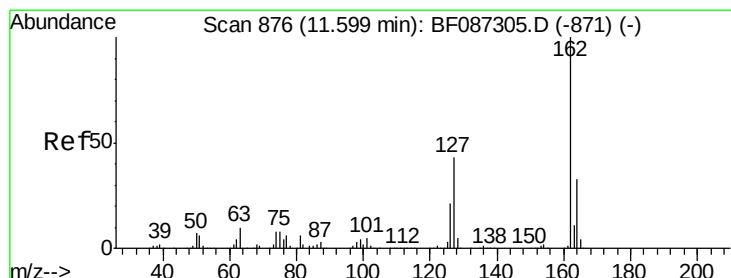
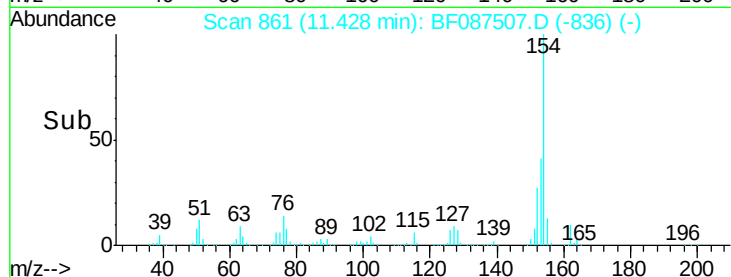
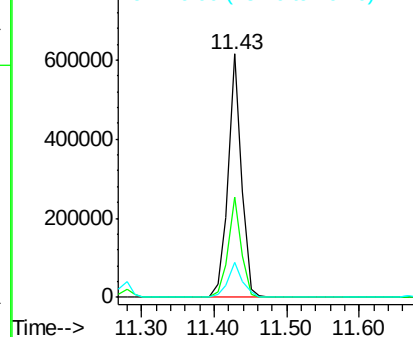
Tgt Ion:	154	Resp:	786245
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.3	60.3
76	14.2	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 45.05 ng

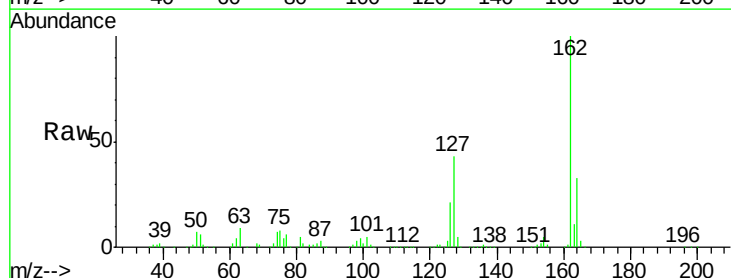
RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

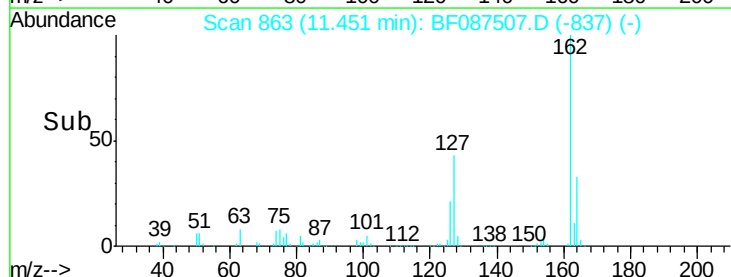
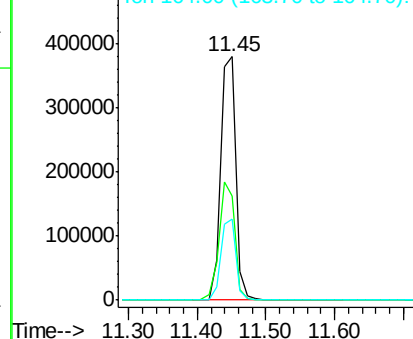
Lab File: BF087507.D

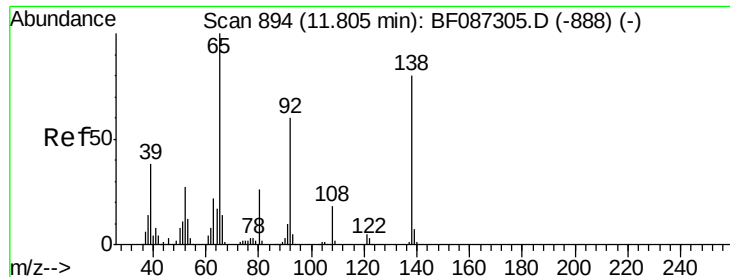
Acq: 29 May 2016 7:10

Tgt Ion:	162	Resp:	595288
Ion Ratio	Lower	Upper	
162	100		
127	42.7	31.8	47.6
164	33.2	27.0	40.6



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





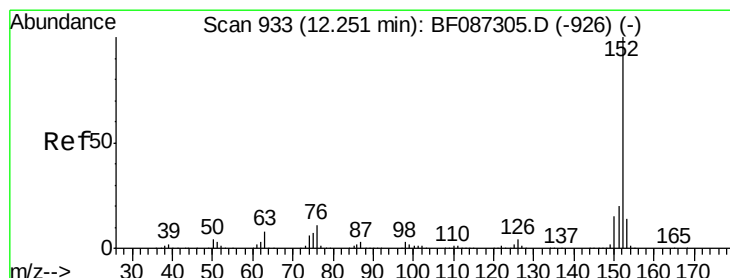
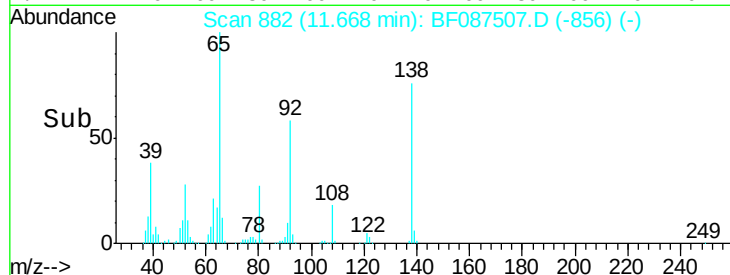
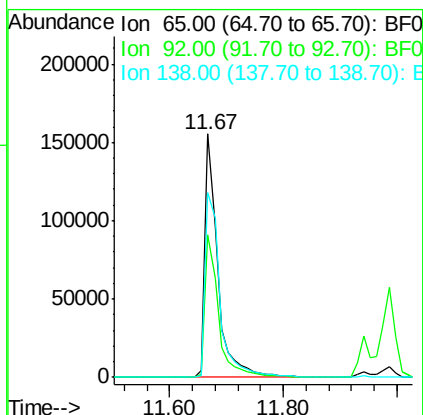
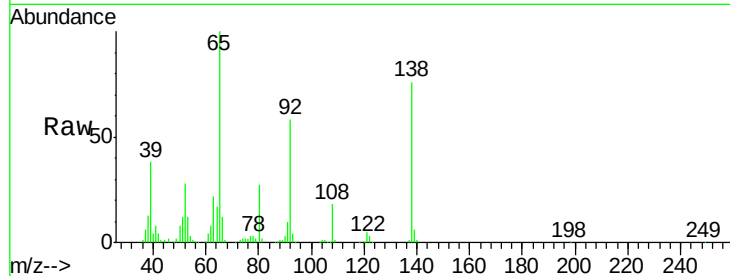
#47
2-Nitroaniline
Concen: 49.49 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.4	57.4	86.2
138	76.0	90.1	135.1#

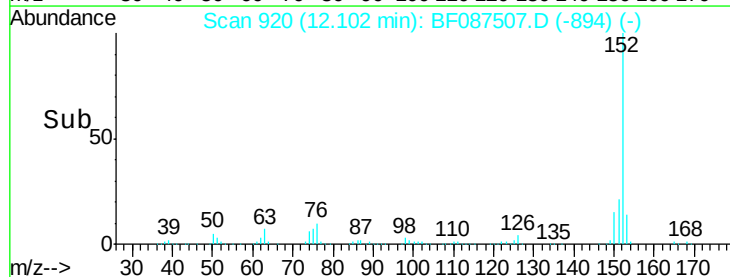
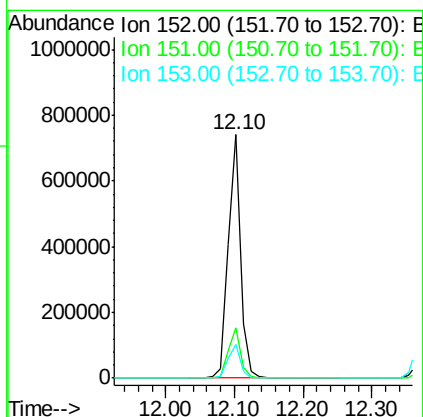
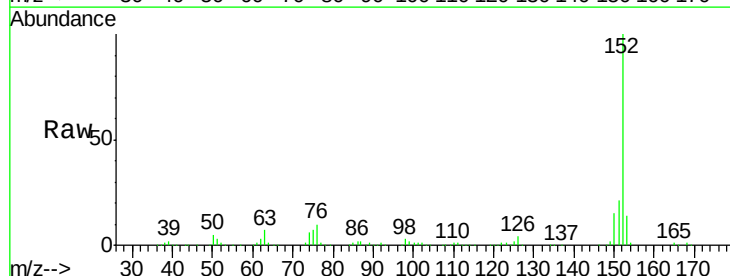
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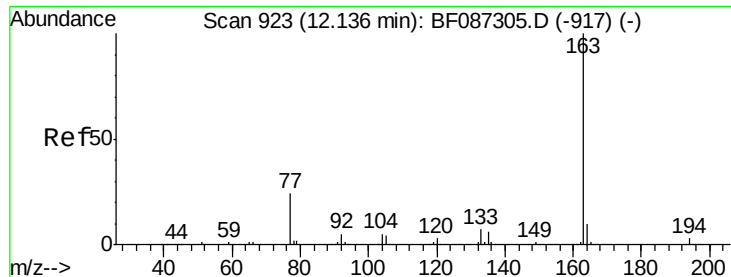
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#48
Acenaphthylene
Concen: 45.23 ng
RT: 12.10 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.7	10.9	16.3





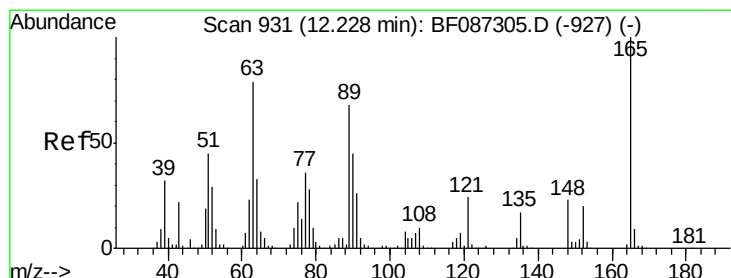
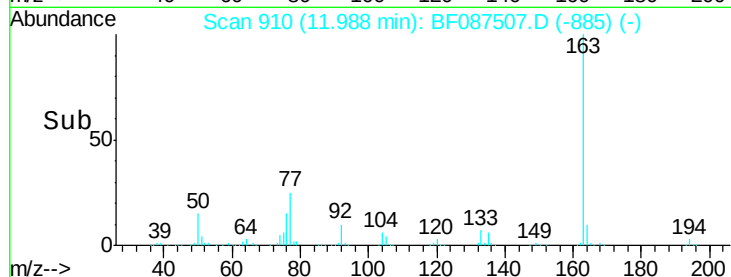
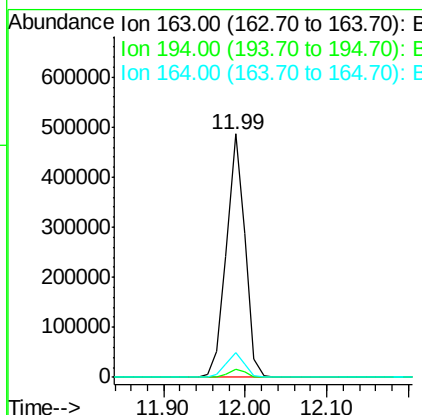
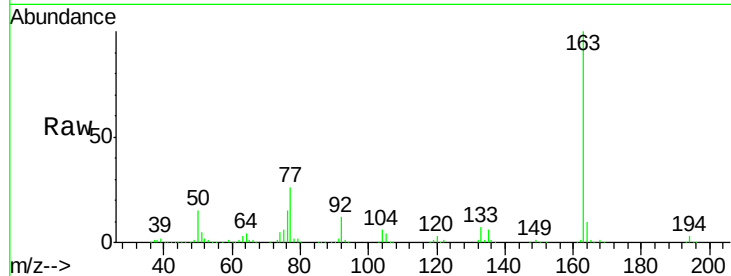
#49
Dimethylphthalate
Concen: 46.59 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.2	12.4

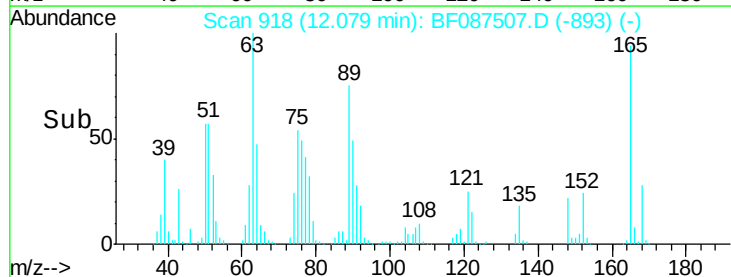
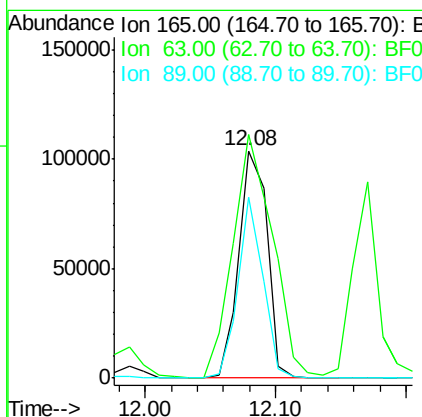
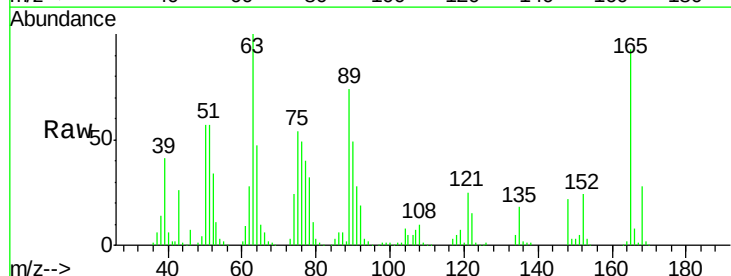
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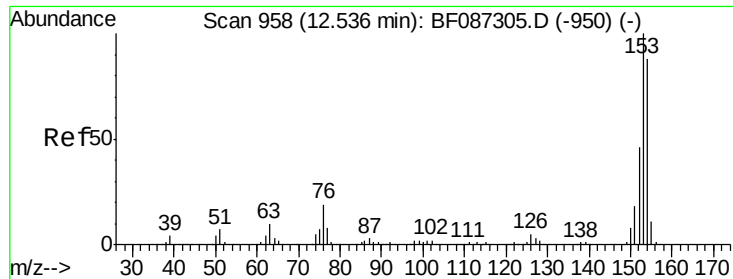
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#50
2,6-Dinitrotoluene
Concen: 47.24 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	107.1	51.8	77.8#
89	79.7	50.7	76.1#





#51

Acenaphthene

Concen: 45.18 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

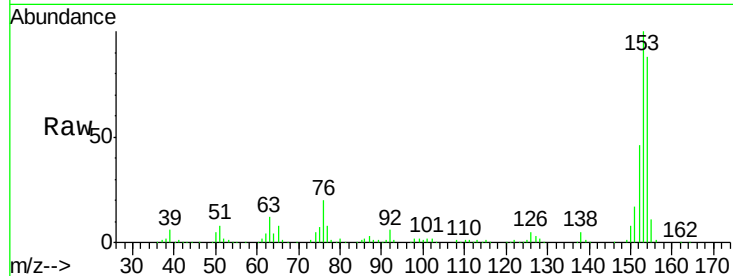
ClientSampled :

MW-11BMS

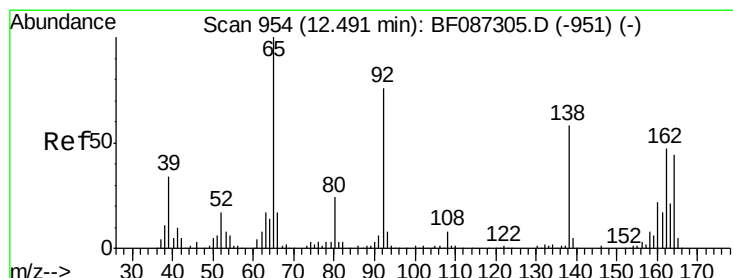
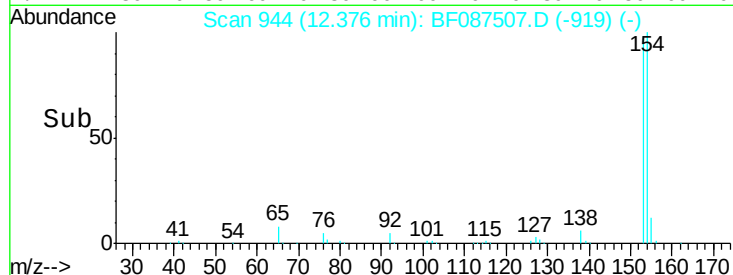
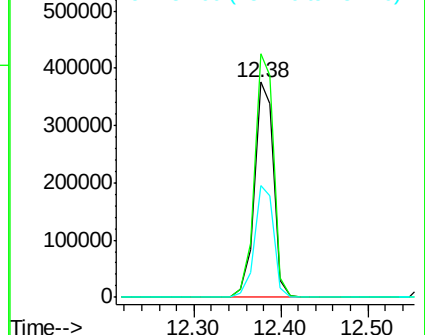
Tgt Ion:	154	Resp:	580933
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	52.2	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.68 ng

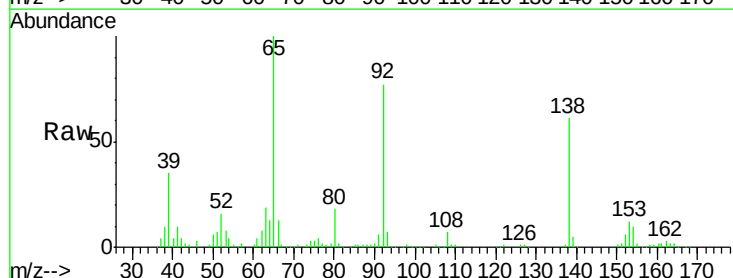
RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

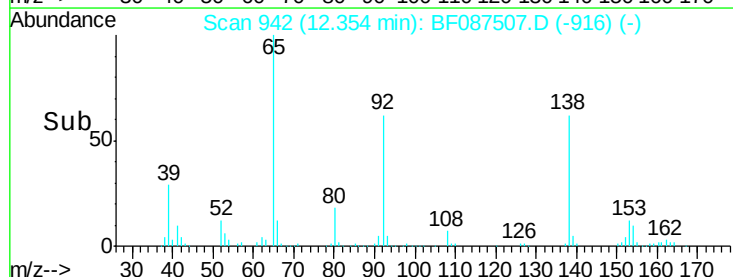
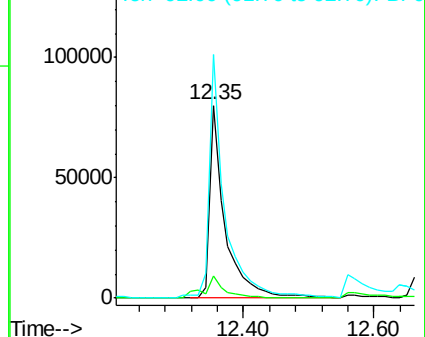
Lab File: BF087507.D

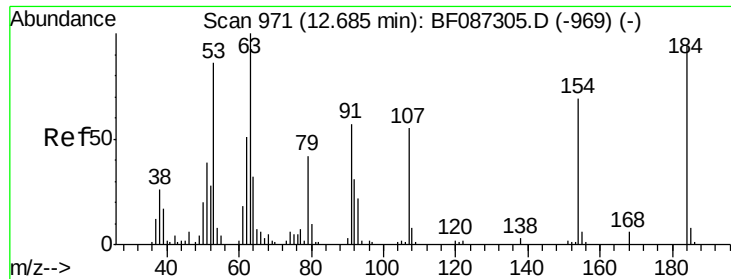
Acq: 29 May 2016 7:10

Tgt Ion:	138	Resp:	131458
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.8	11.6
92	126.3	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





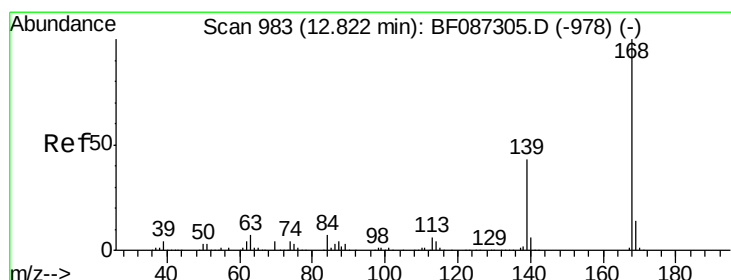
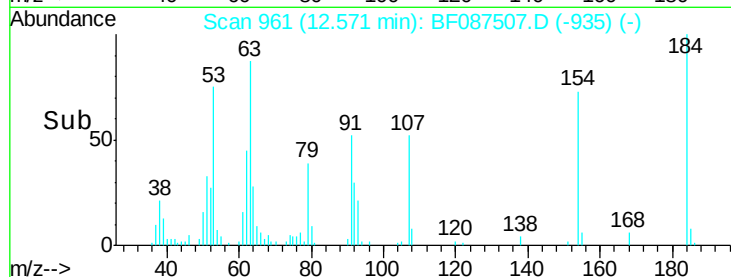
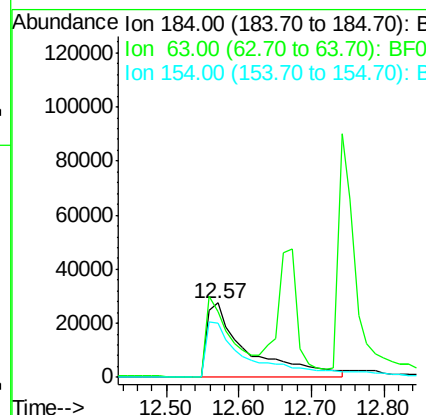
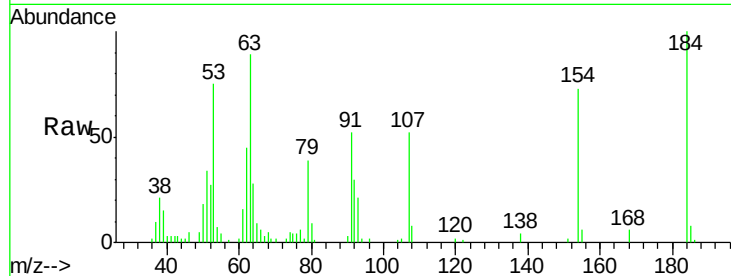
#53
2,4-Dinitrophenol
Concen: 64.23 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	106471		
63	88.6	55.8	83.8#	
154	72.8	62.4	93.6	

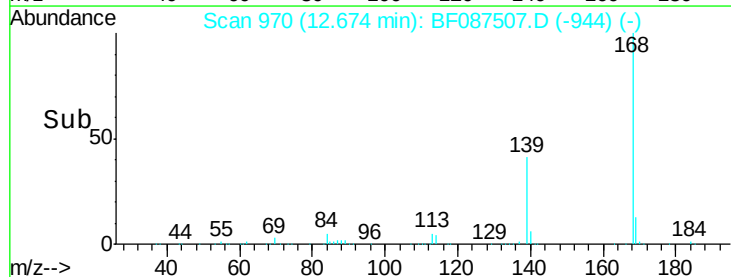
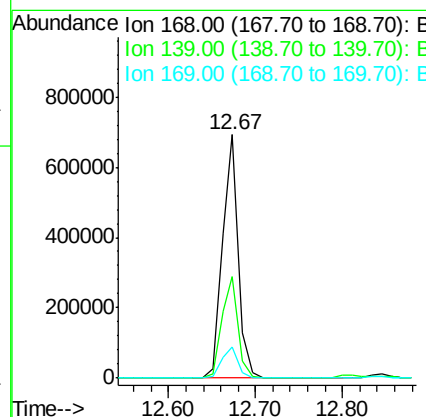
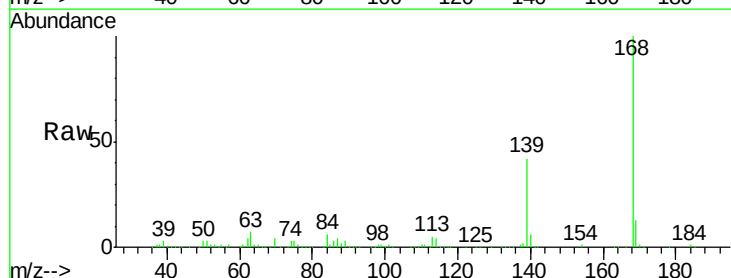
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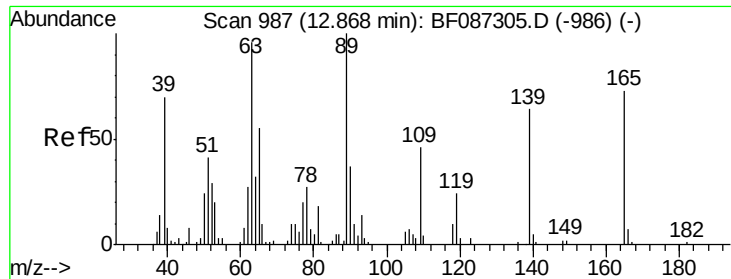
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#54
Dibenzofuran
Concen: 50.34 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	876409		
139	41.6	31.4	47.0	
169	13.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 24.36 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.05 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

ClientSampled :

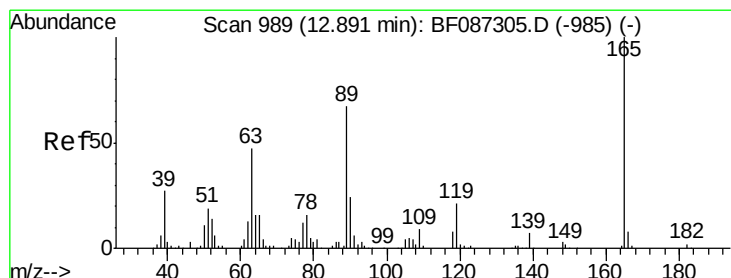
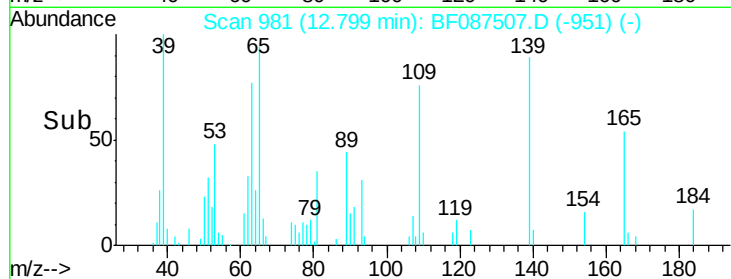
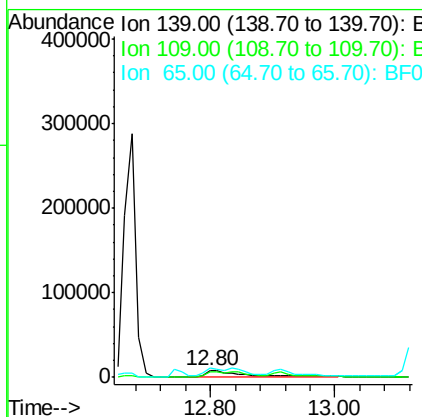
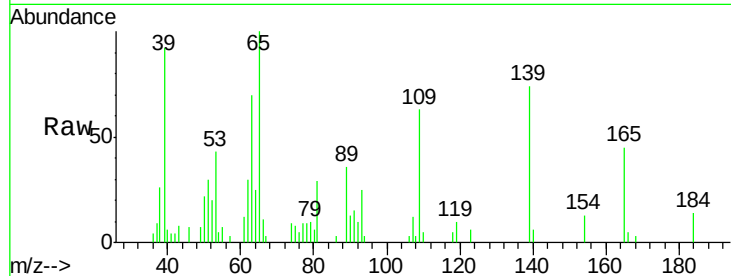
MW-11BMS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	39499		
109	84.9	36.9	76.9#	
65	135.6	64.0	104.0#	



#56

2,4-Dinitrotoluene

Concen: 49.50 ng

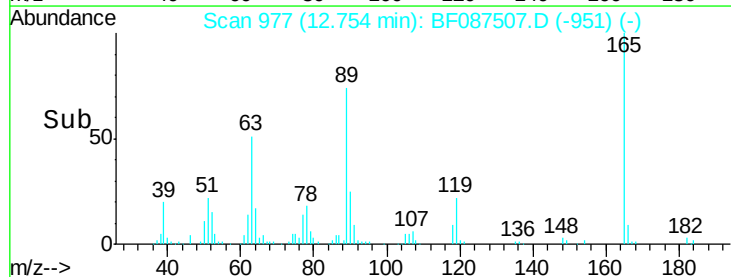
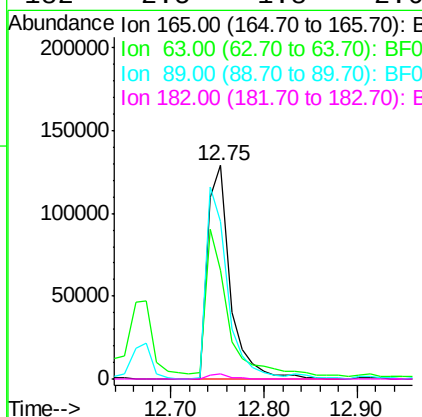
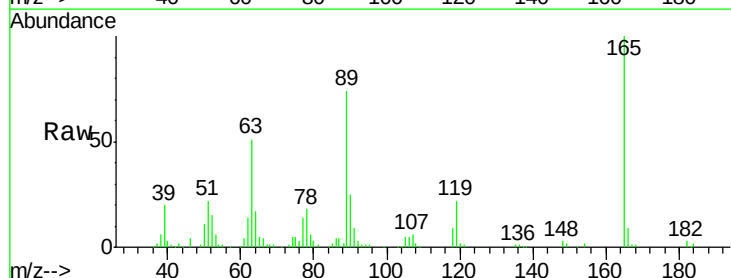
RT: 12.75 min Scan# 977

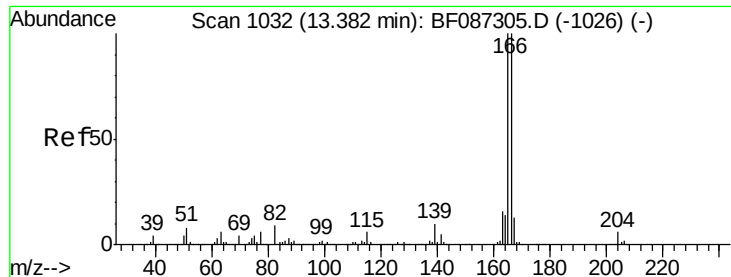
Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219104		
63	51.0	44.3	66.5	
89	73.9	70.0	105.0	
182	2.5	1.8	2.6	





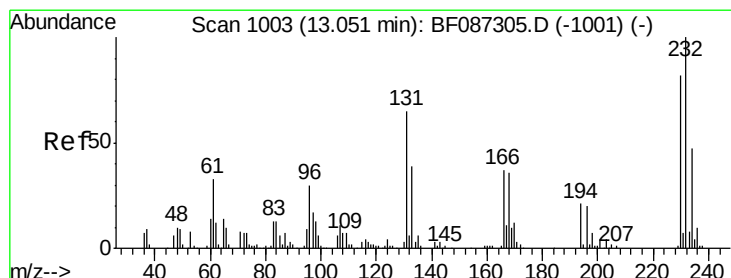
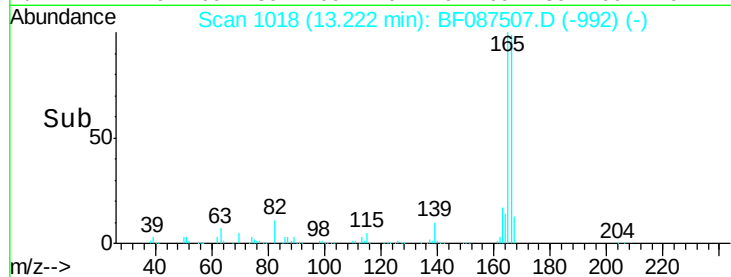
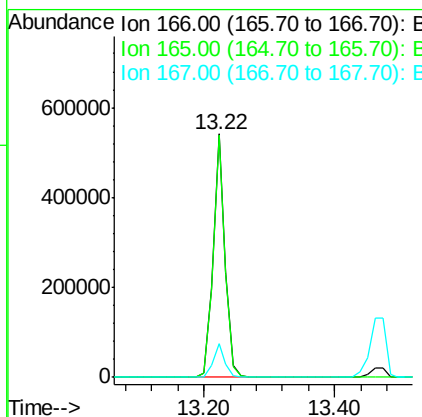
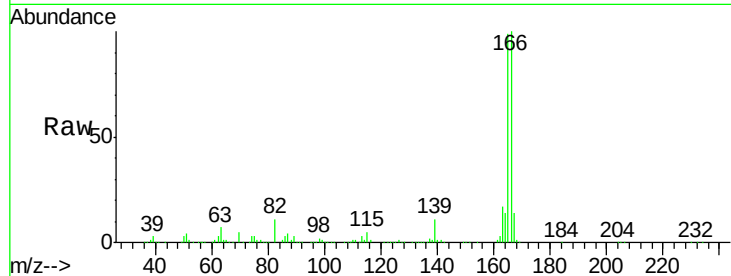
#57
 Fluorene
 Concen: 46.34 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	699537		
165	99.3	79.0	118.6	
167	13.6	10.6	15.8	

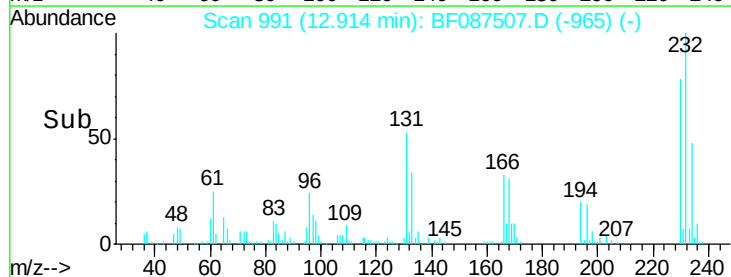
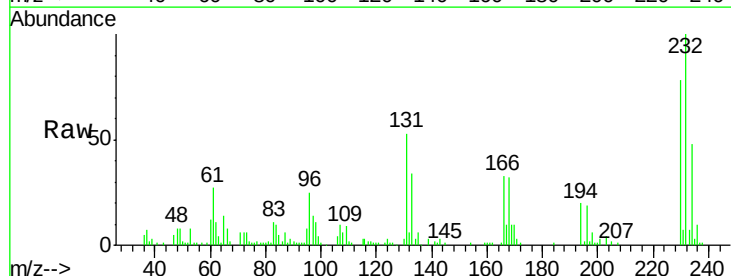
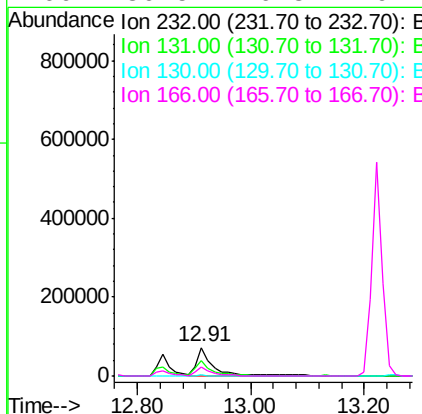
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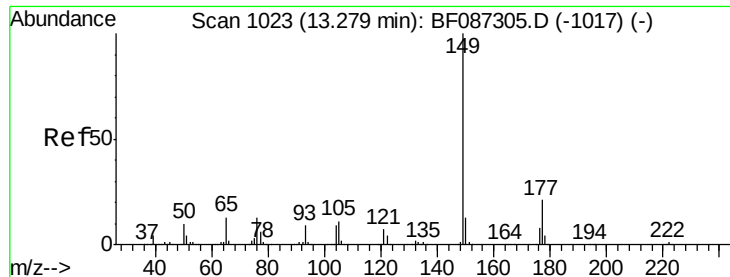
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.01 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	136614		
131	55.5	41.9	62.9	
130	3.0	2.2	3.4	
166	30.5	26.8	40.2	





#59

Diethylphthalate

Concen: 45.16 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

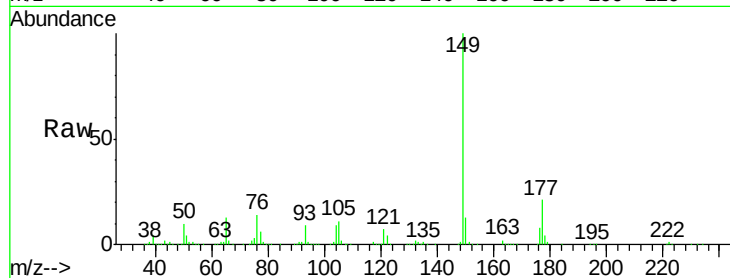
ClientSampleId :

MW-11BMS

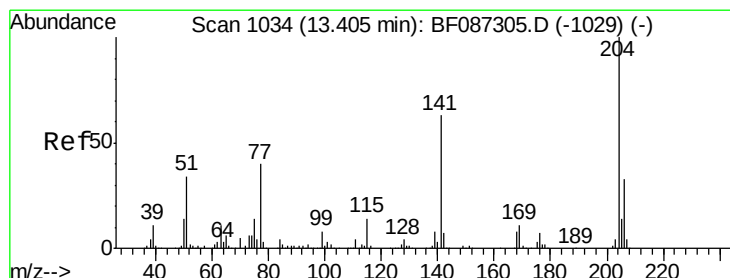
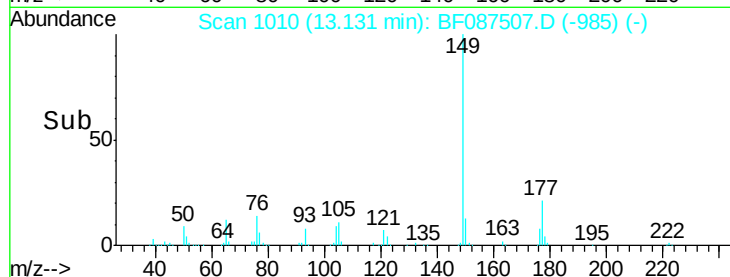
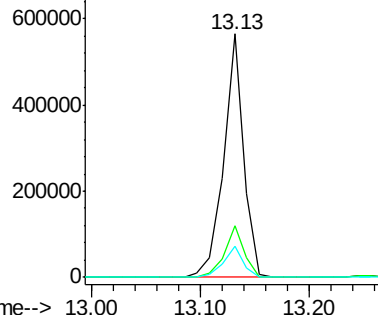
Tgt Ion:	149	Resp:	721624
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.6	24.8
150	12.8	10.0	15.0

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



#60

4-Chlorophenyl-phenylether

Concen: 45.37 ng

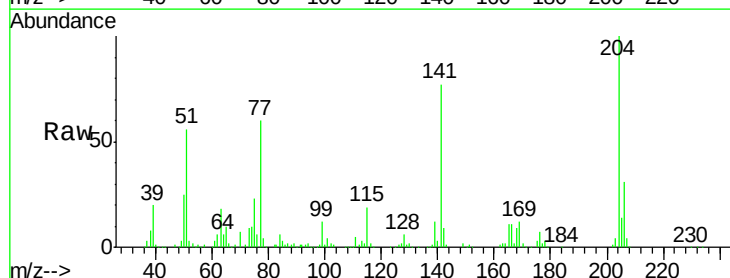
RT: 13.25 min Scan# 1020

Delta R.T. -0.01 min

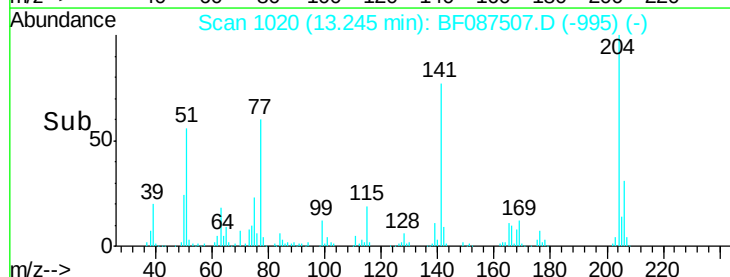
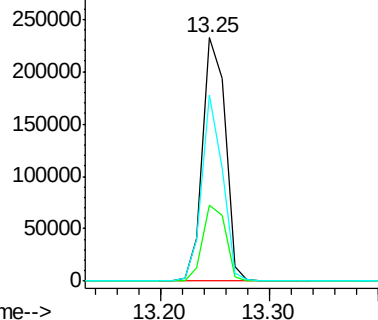
Lab File: BF087507.D

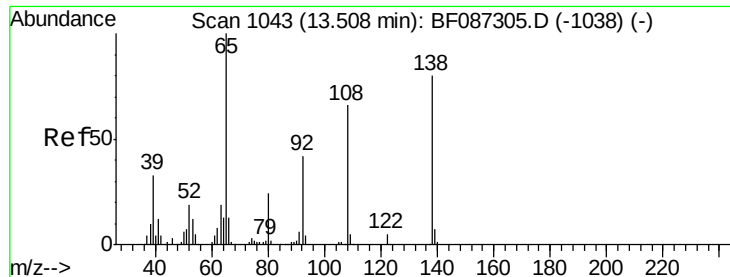
Acq: 29 May 2016 7:10

Tgt Ion:	204	Resp:	333984
Ion Ratio	Lower	Upper	
204	100		
206	31.3	25.4	38.0
141	76.7	61.6	92.4



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





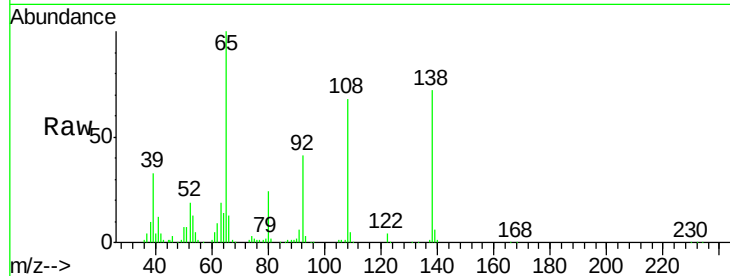
#61
4-Nitroaniline
Concen: 42.02 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

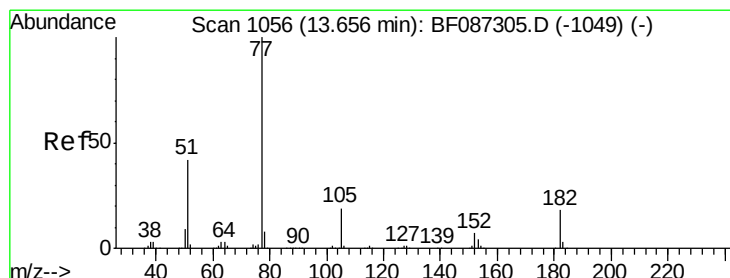
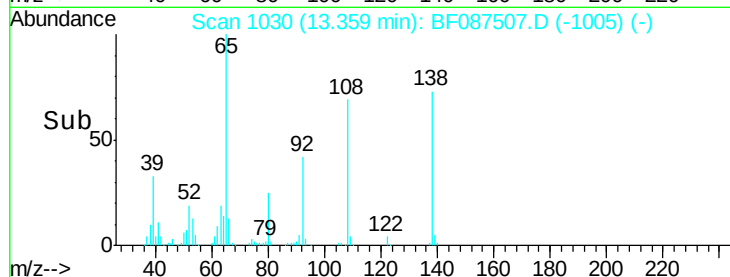
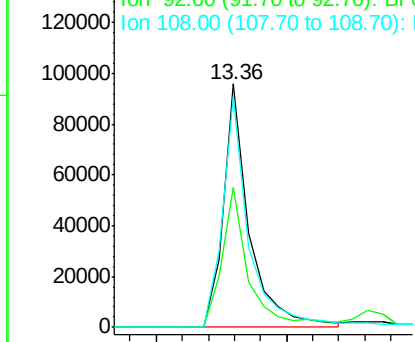
Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	24.7	64.7
108	95.1	37.4	77.4

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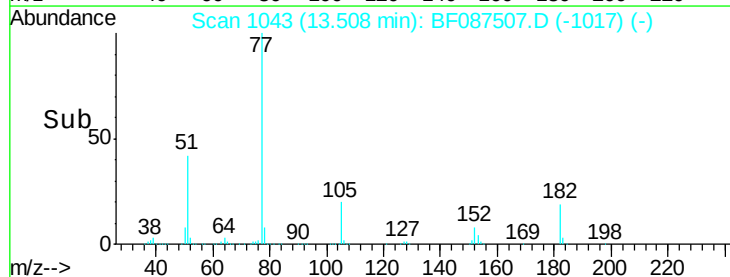
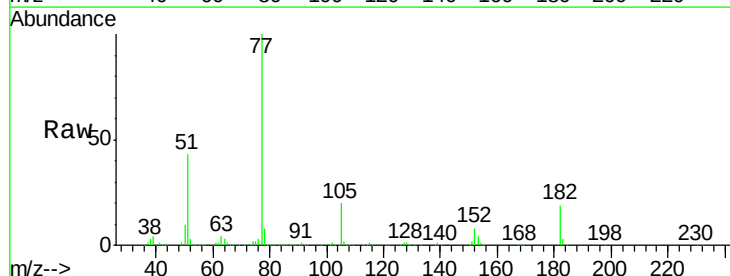
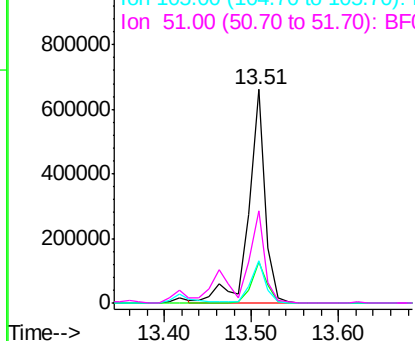
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

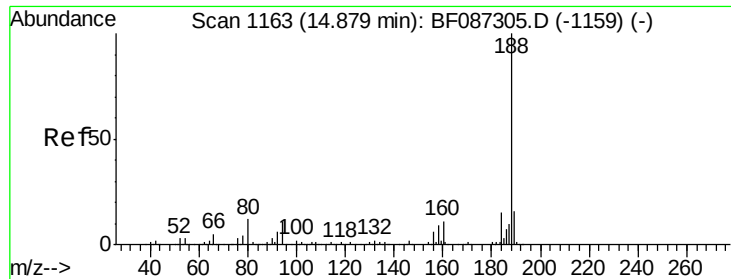


#62
Azobenzene
Concen: 52.63 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	0.0	38.8
105	19.8	3.2	43.2
51	43.4	8.8	48.8

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

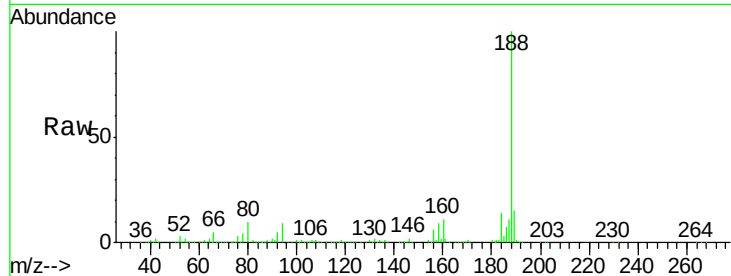
ClientSampleId :

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Tgt Ion:	188	Resp:	372143
Ion Ratio	Lower	Upper	
188	100		
94	9.4	6.8	10.2
80	10.4	7.1	10.7

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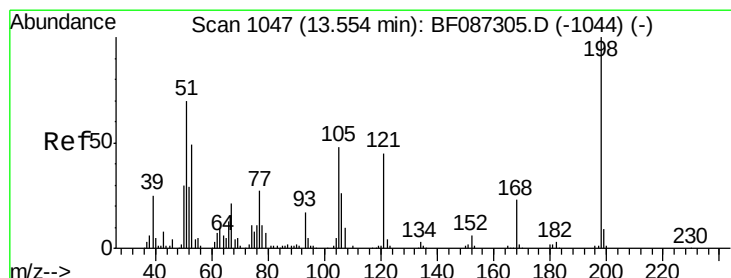
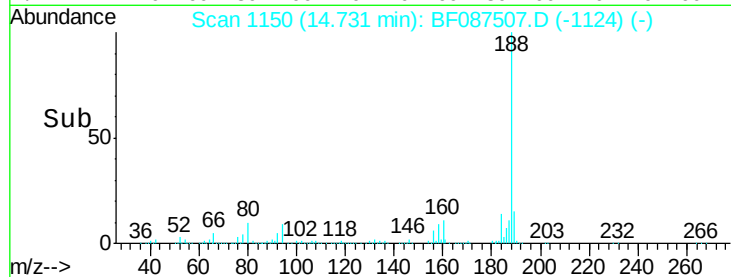
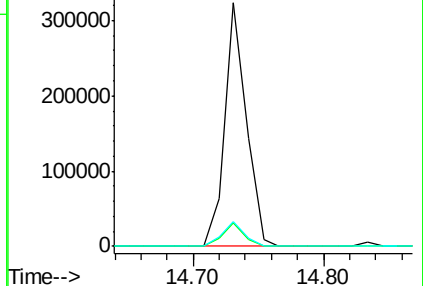
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.00 ng

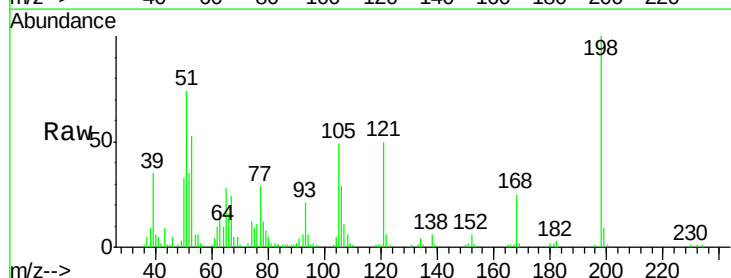
RT: 13.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

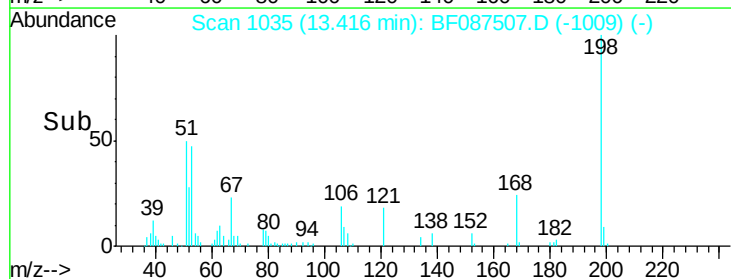
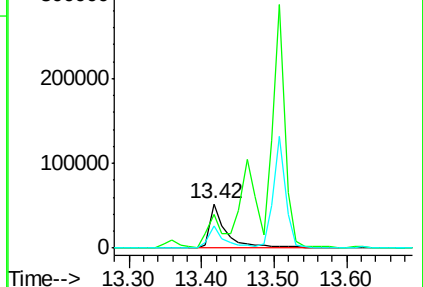
Tgt Ion:	198	Resp:	87559
Ion Ratio	Lower	Upper	
198	100		
51	74.3	20.5	60.5#
105	49.3	24.5	64.5

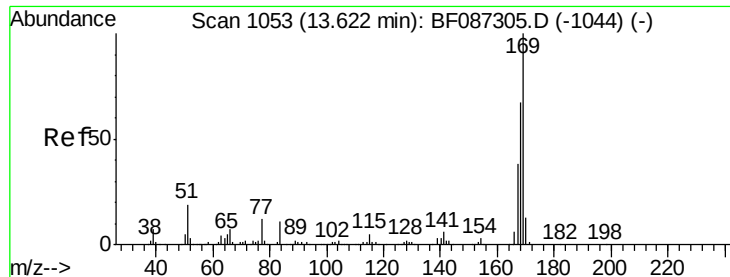


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.80 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

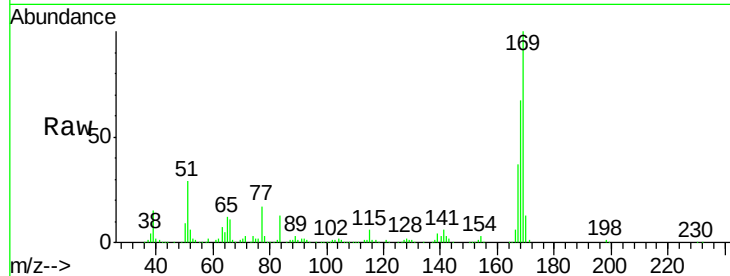
ClientSampleId :

MW-11BMS

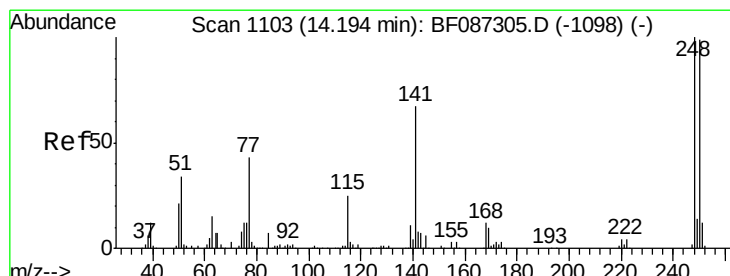
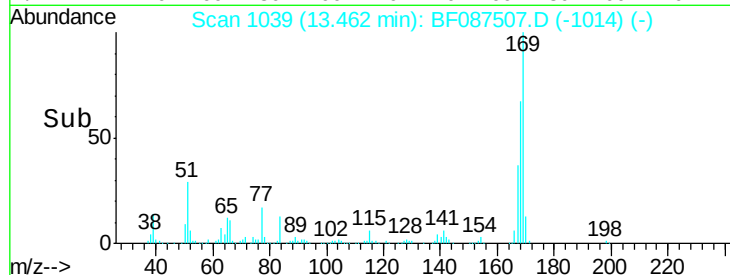
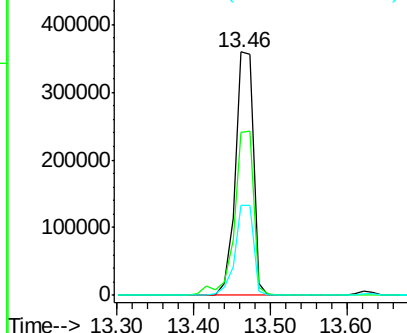
Tgt Ion:	169	Resp:	599324
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.8	80.6
167	36.9	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.57 ng

RT: 14.03 min Scan# 1089

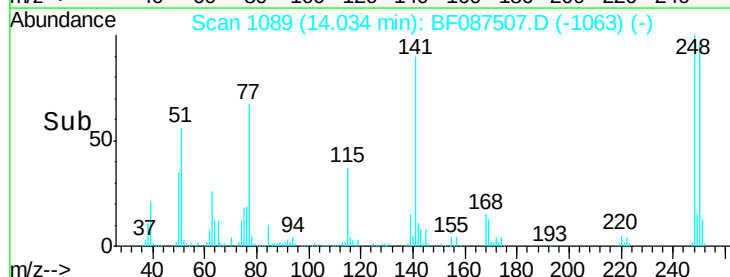
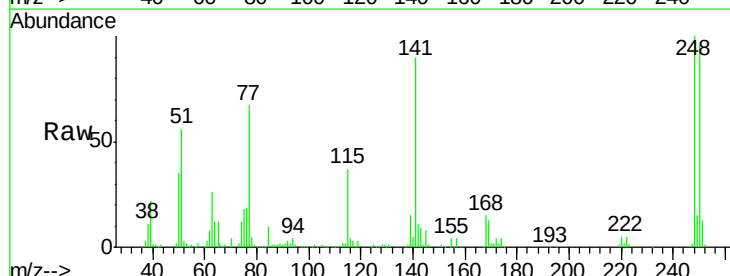
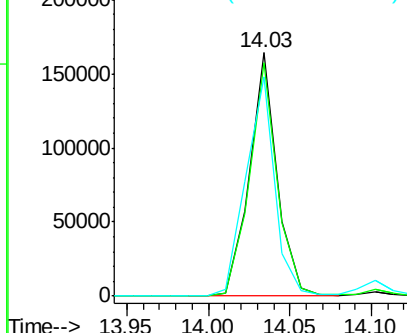
Delta R.T. -0.00 min

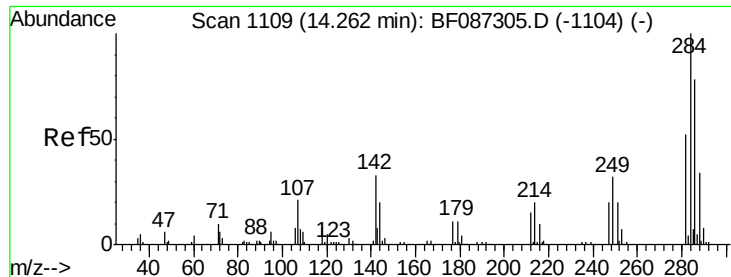
Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion:	248	Resp:	193673
Ion Ratio	Lower	Upper	
248	100		
250	95.7	78.6	117.8
141	90.1	76.0	114.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.45 ng

RT: 14.10 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

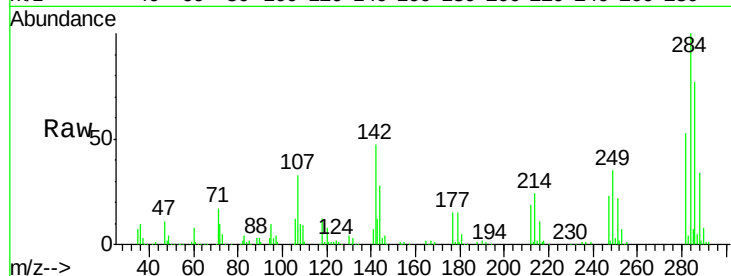
ClientSampleId :

MW-11BMS

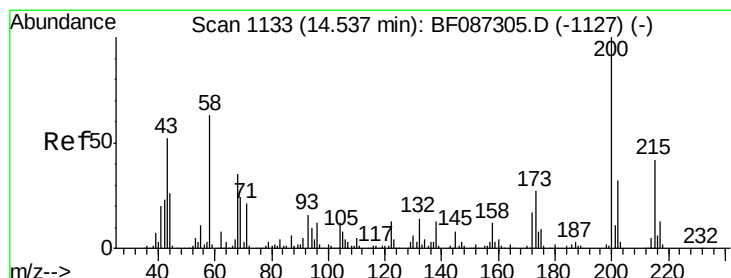
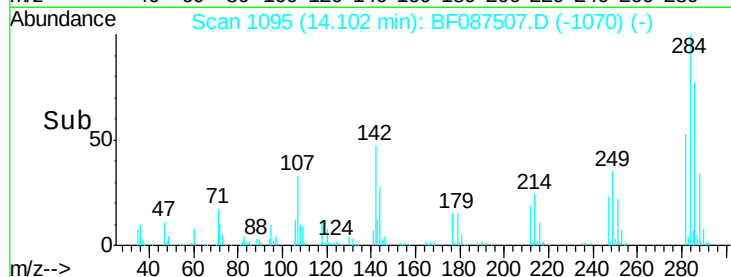
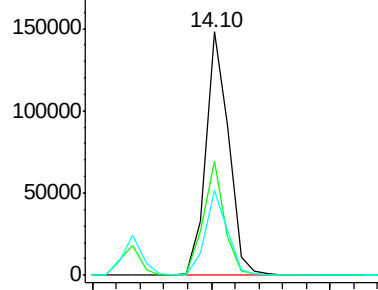
Tgt Ion:	284	Resp:	197802
Ion Ratio	Lower	Upper	
284	100		
142	47.0	16.7	25.1#
249	35.1	21.3	31.9#

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



#68

Atrazine

Concen: 46.37 ng

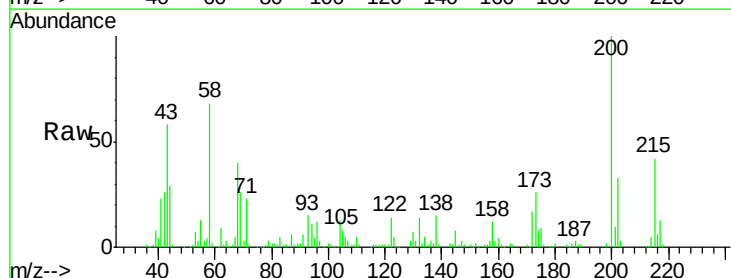
RT: 14.39 min Scan# 1120

Delta R.T. -0.00 min

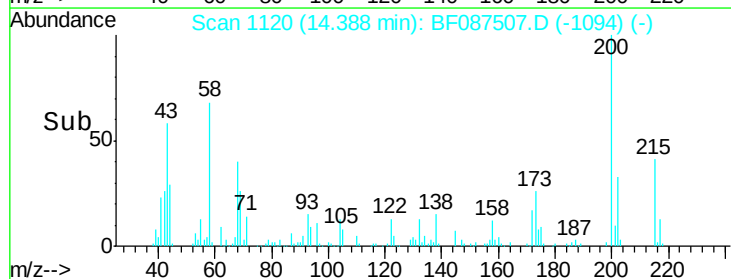
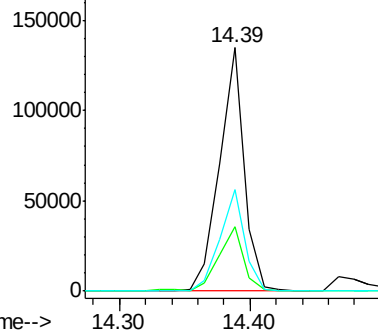
Lab File: BF087507.D

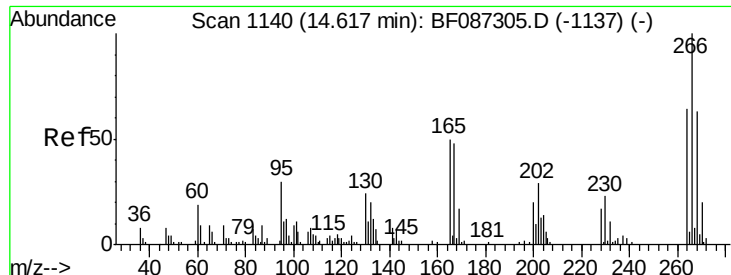
Acq: 29 May 2016 7:10

Tgt Ion:	200	Resp:	177894
Ion Ratio	Lower	Upper	
200	100		
173	26.5	8.5	48.5
215	42.0	27.2	67.2



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





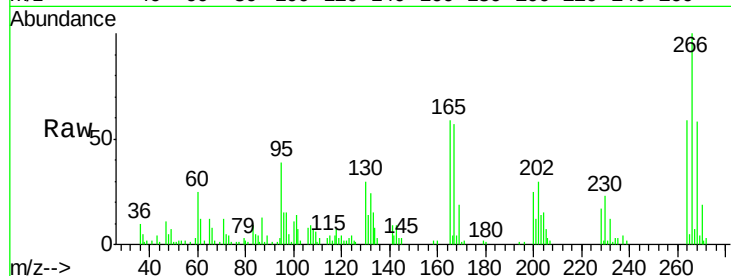
#69
 Pentachlorophenol
 Concen: 73.80 ng
 RT: 14.47 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampled :
 MW-11BMS

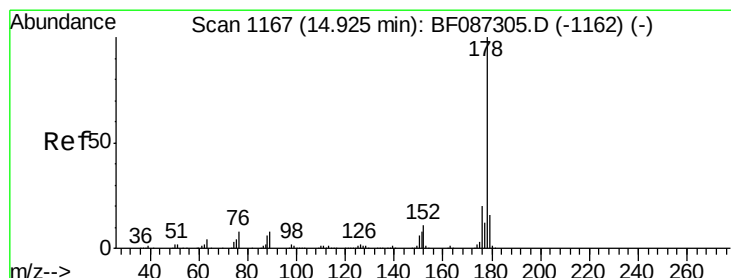
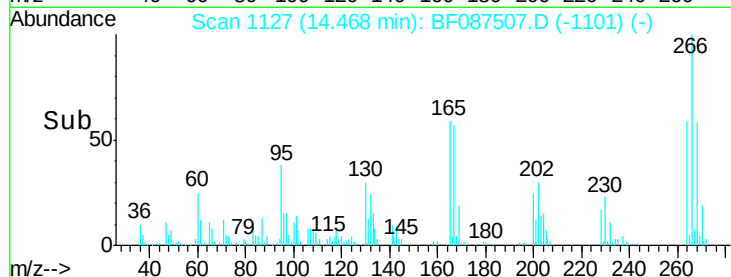
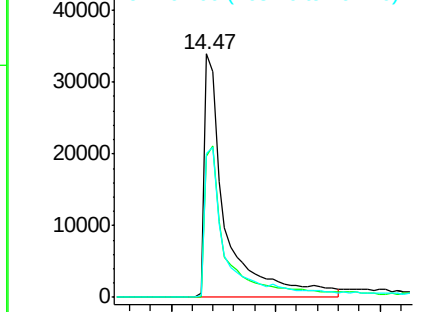
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	96982		
268	58.0		51.5	77.3
264	59.3		52.9	79.3

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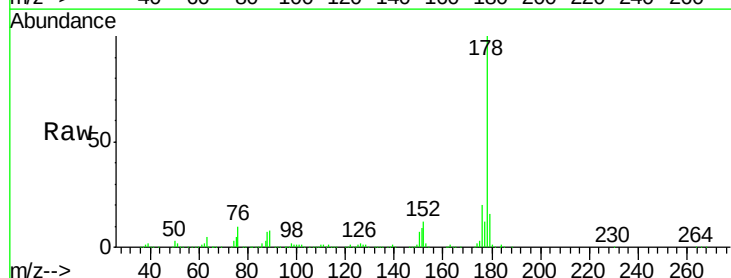


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

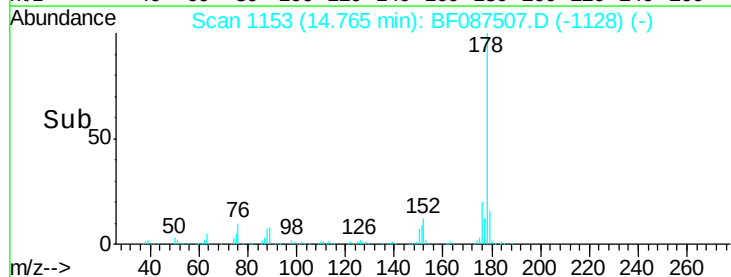
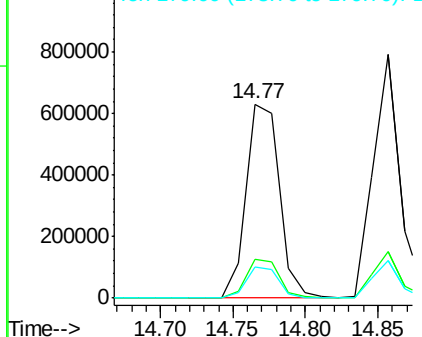


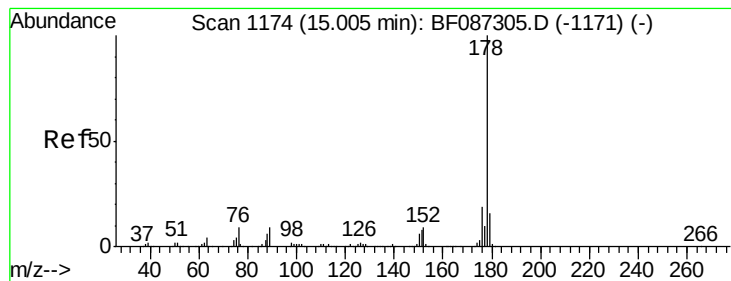
#70
 Phenanthrene
 Concen: 48.92 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1008460		
176	20.1		16.0	24.0
179	16.1		12.6	18.8



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





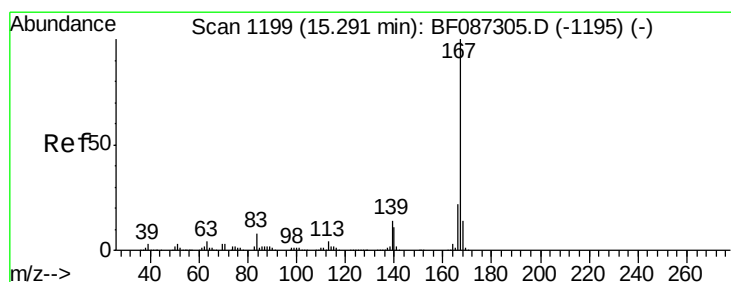
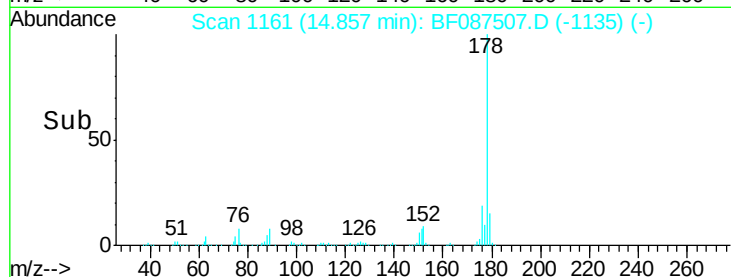
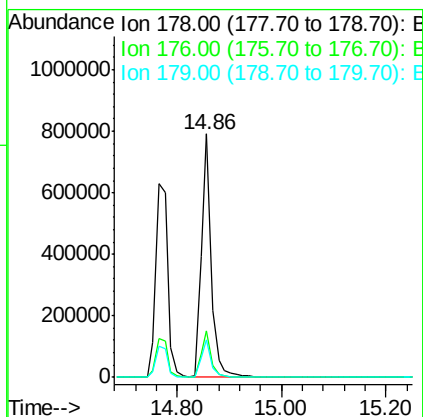
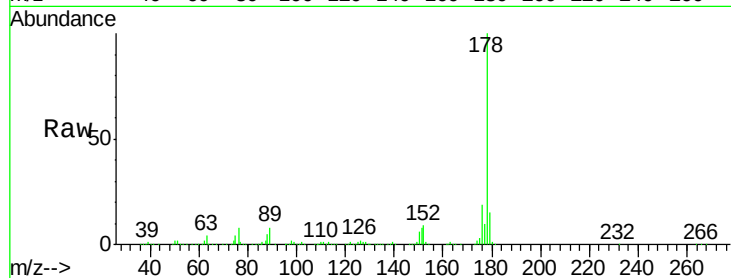
#71
 Anthracene
 Concen: 50.51 ng
 RT: 14.86 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampled :
 MW-11BMS

Tgt Ion:178 Resp: 1051867
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.3 12.7 19.1

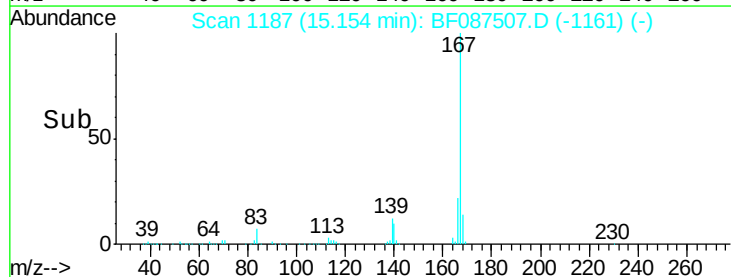
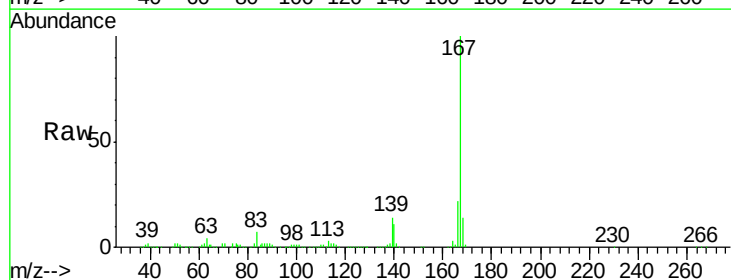
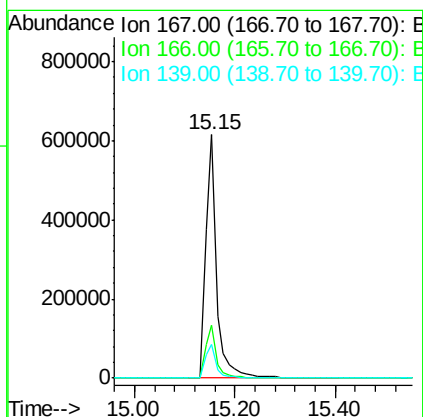
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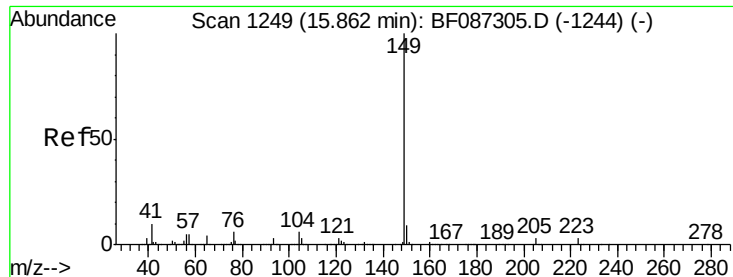
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#72
 Carbazole
 Concen: 51.37 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion:167 Resp: 912397
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 49.02 ng

RT: 15.73 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

ClientSampleId :

MW-11BMS

Tgt Ion:149 Resp: 1125949

Ion Ratio Lower Upper

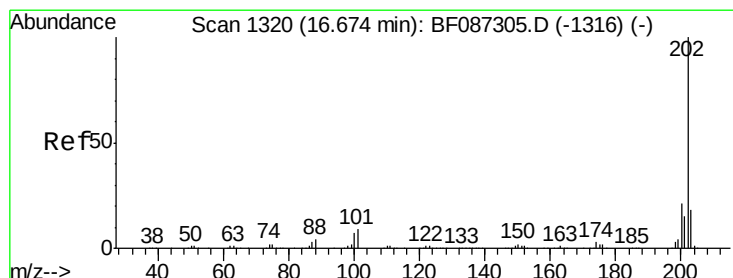
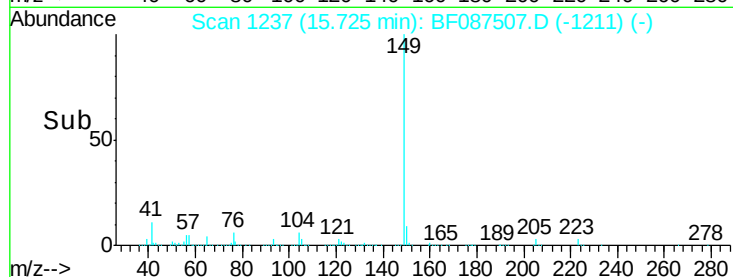
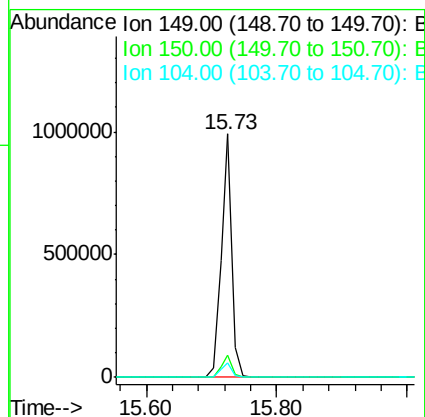
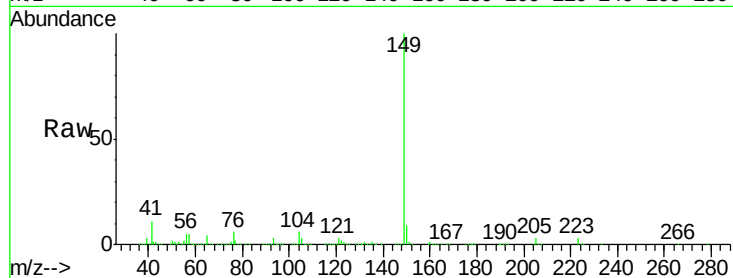
149 100

150 9.2 7.6 11.4

104 5.9 3.8 5.6#

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#74

Fluoranthene

Concen: 48.51 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

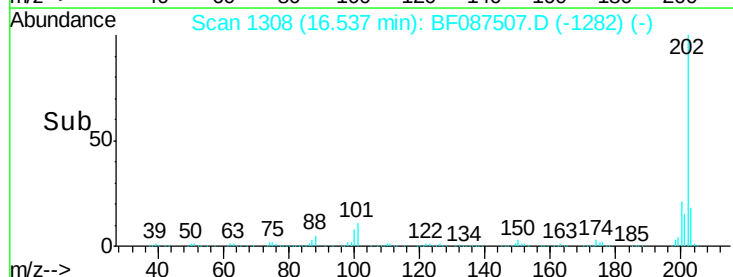
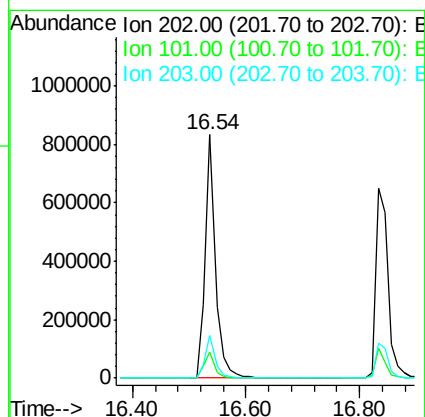
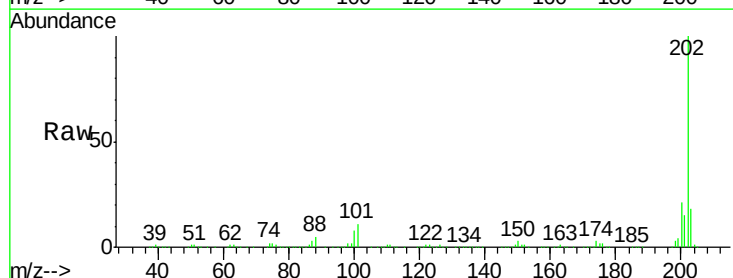
Tgt Ion:202 Resp: 1002724

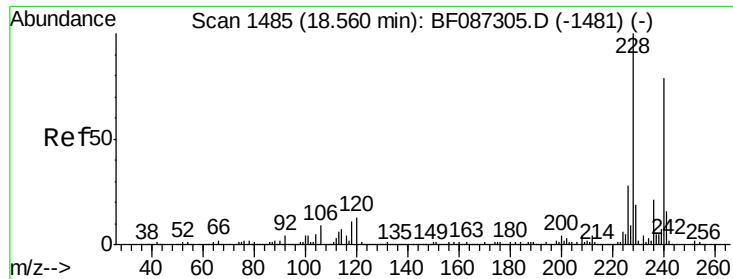
Ion Ratio Lower Upper

202 100

101 10.6 0.0 35.4

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

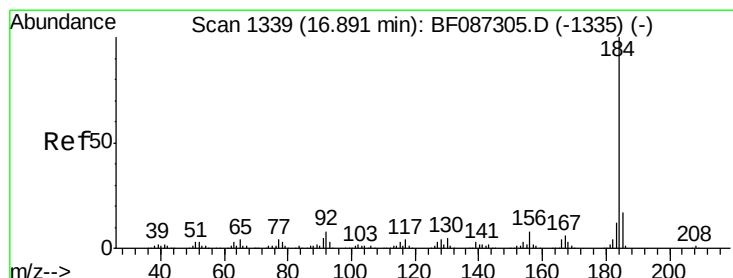
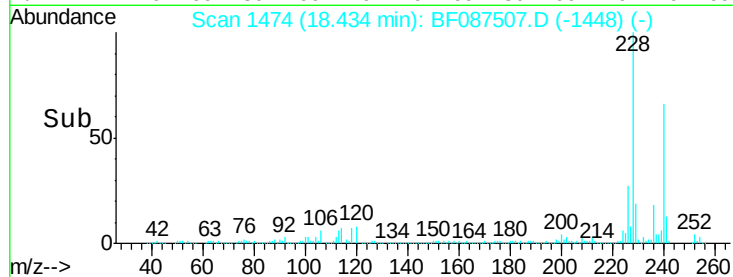
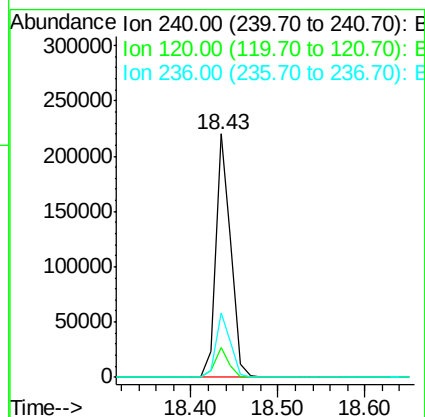
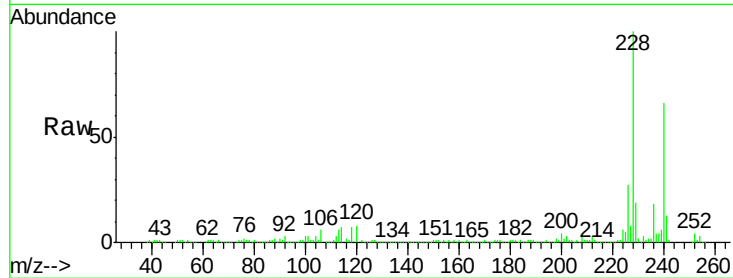
ClientSampleId :

MW-11BMS

Tgt Ion:	240	Resp:	267109
Ion Ratio	Lower	Upper	
240	100		
120	12.1	11.2	16.8
236	26.7	21.2	31.8

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#76

Benzidine

Concen: 25.26 ng

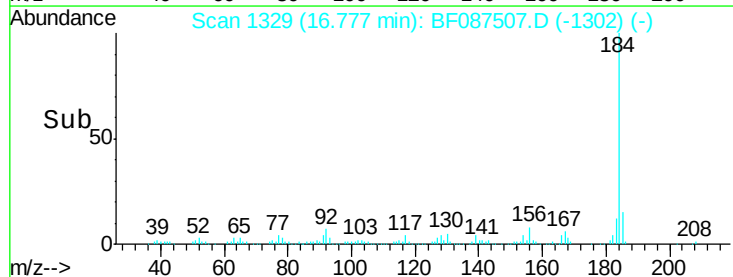
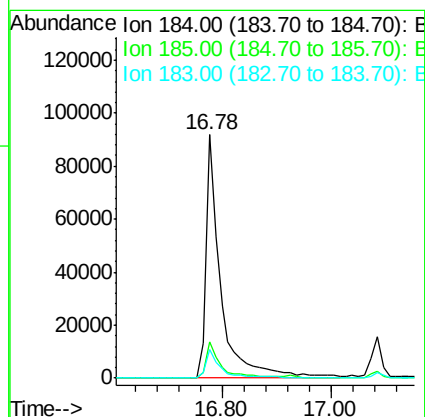
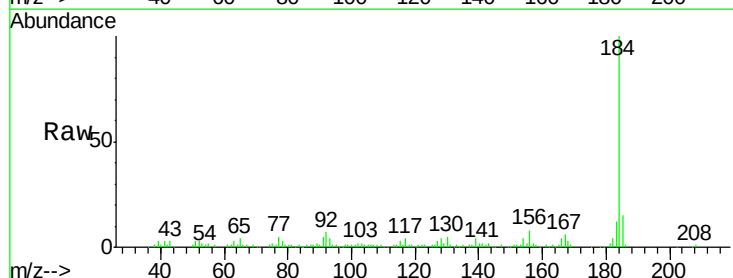
RT: 16.78 min Scan# 1329

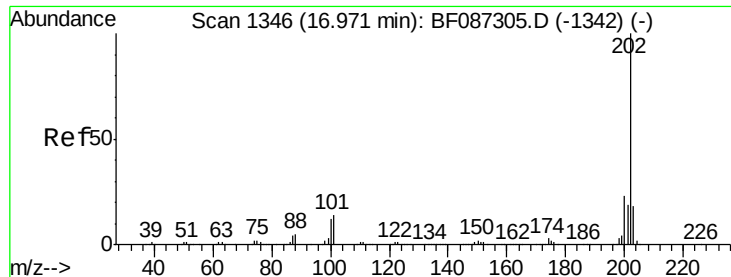
Delta R.T. 0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion:	184	Resp:	173628
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.6	20.4
183	11.7	9.8	14.6





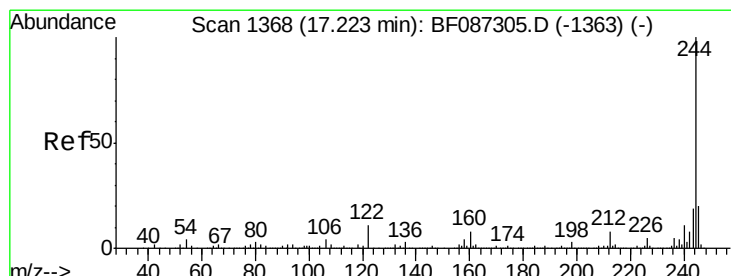
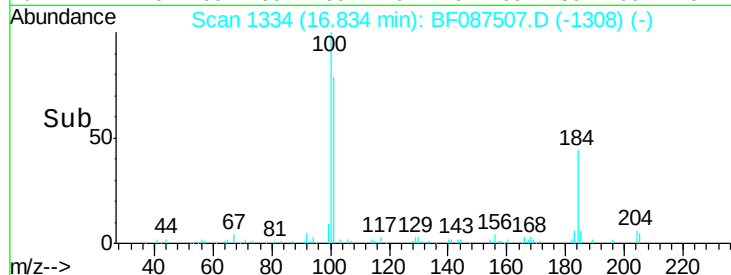
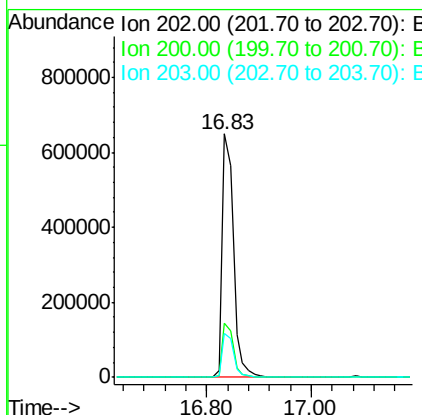
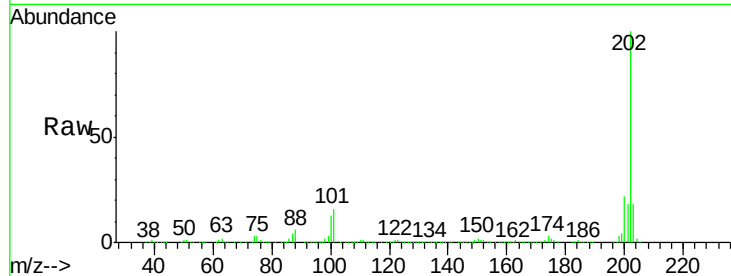
#77
 Pyrene
 Concen: 50.71 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.2	17.7	26.5
203	18.3	14.2	21.4

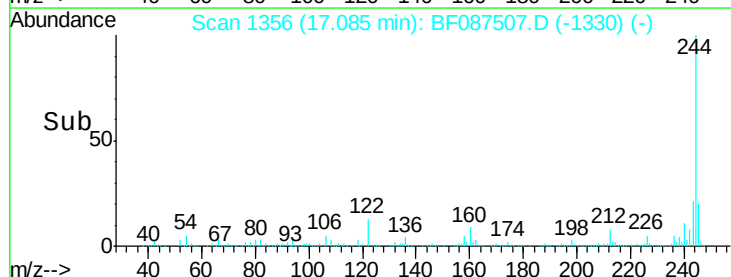
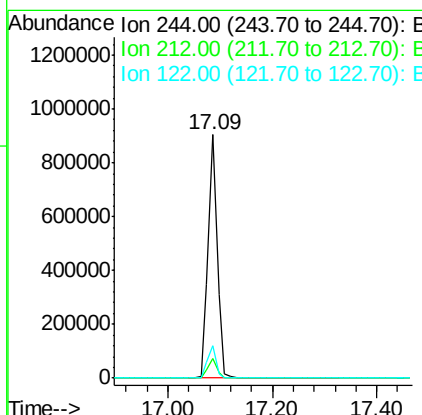
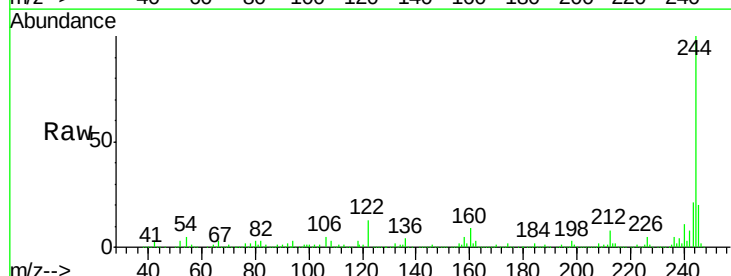
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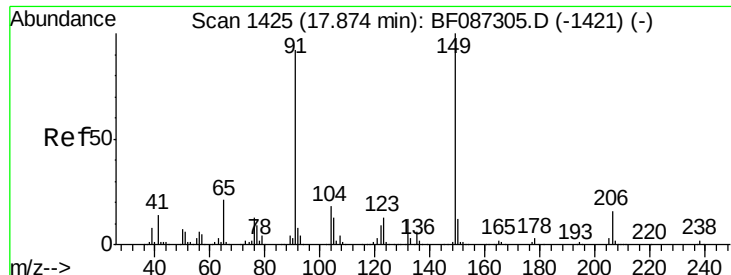
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#78
 Terphenyl-d14
 Concen: 87.72 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	6.2	9.2
122	13.4	12.0	18.0





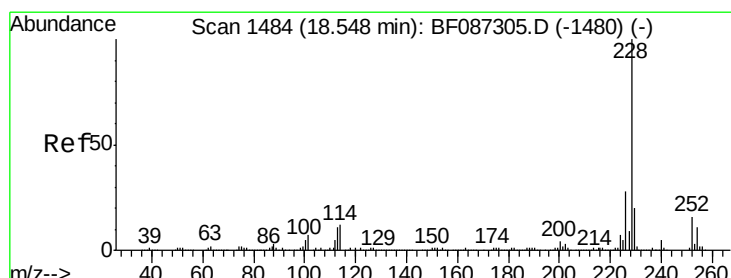
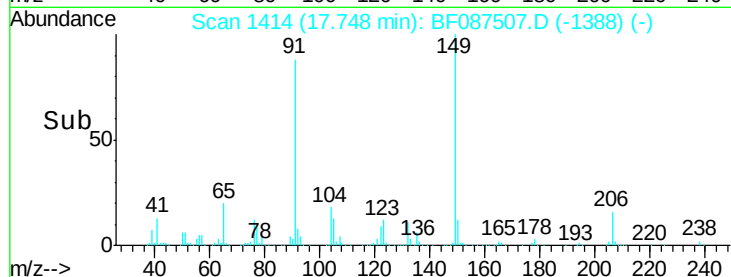
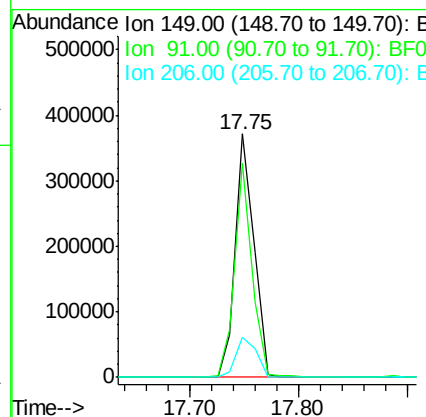
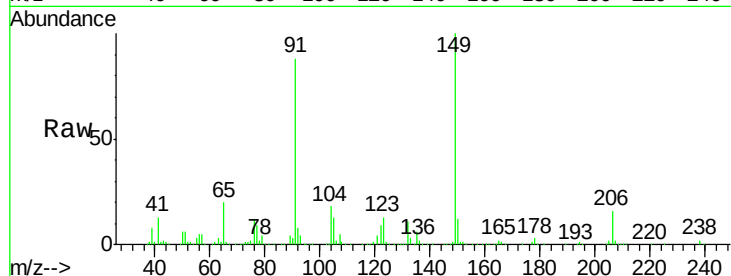
#79
Butylbenzylphthalate
Concen: 51.08 ng
RT: 17.75 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	435545		
91	87.9	48.0	72.0#	
206	16.2	15.8	23.6	

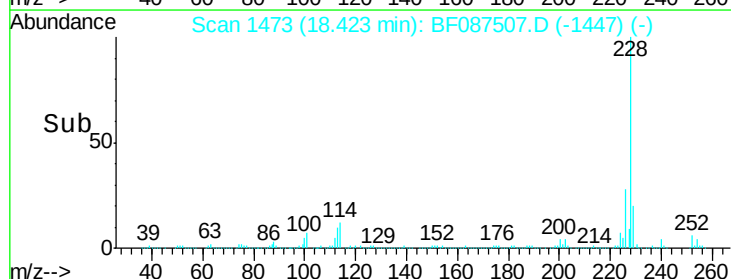
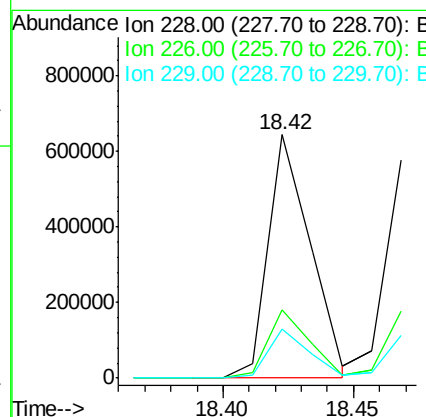
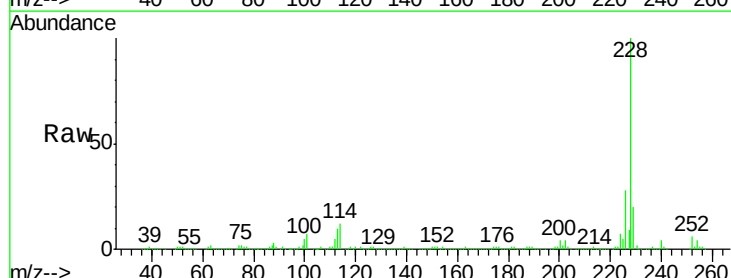
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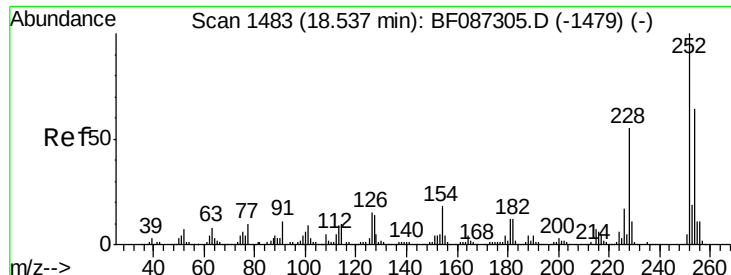
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#80
Benzo(a)anthracene
Concen: 47.30 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	718651		
226	28.2	22.5	33.7	
229	20.3	16.6	25.0	





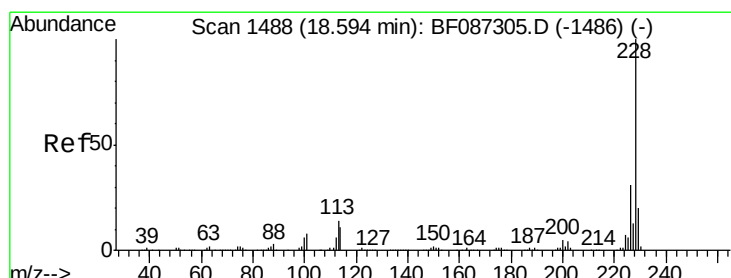
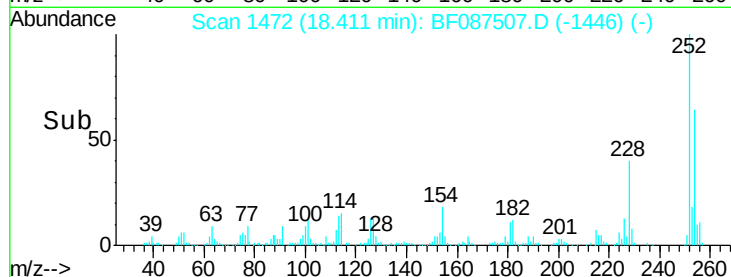
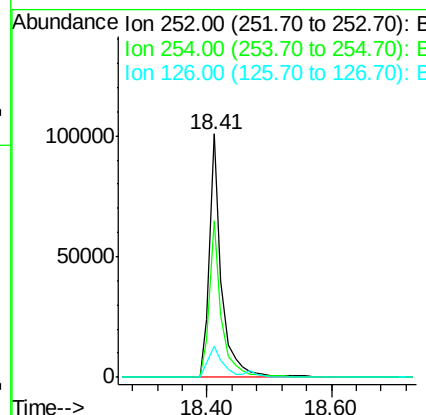
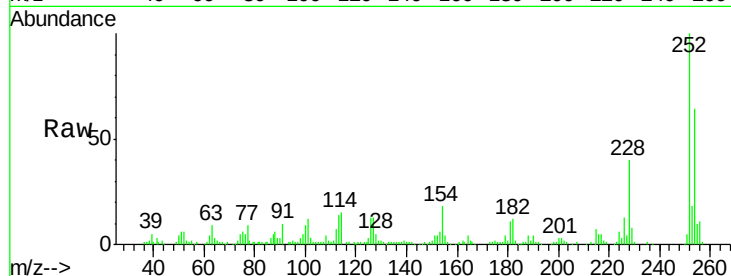
#81
 3,3'-Dichlorobenzidine
 Concen: 16.41 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampled :
 MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	137719		
254	64.1	50.7	76.1	
126	13.0	12.7	19.1	

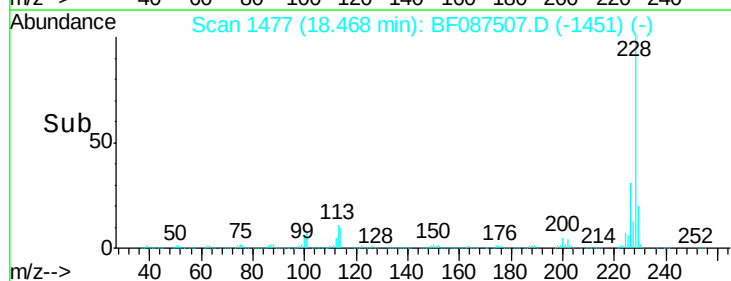
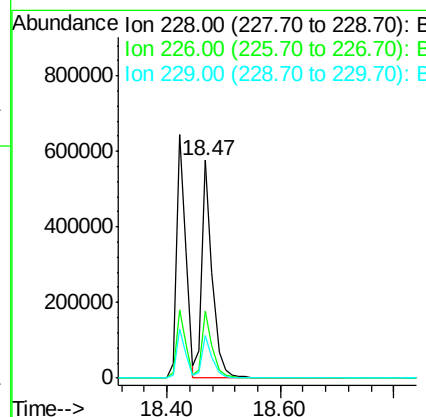
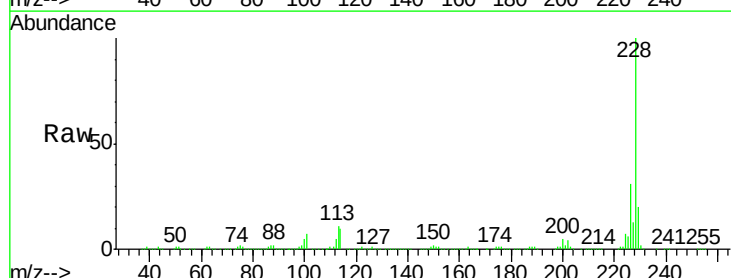
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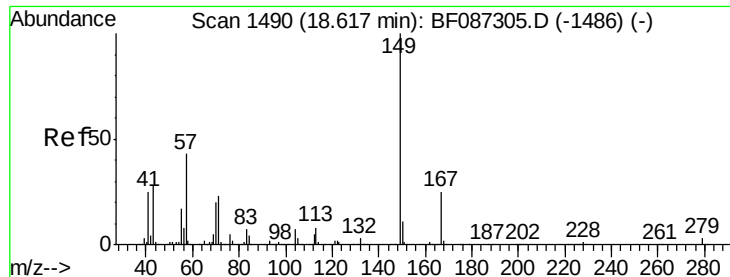
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#82
 Chrysene
 Concen: 47.77 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	720328		
226	30.9	24.4	36.6	
229	19.6	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.13 ng

RT: 18.49 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

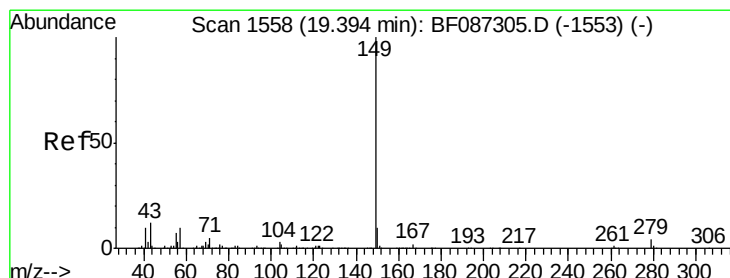
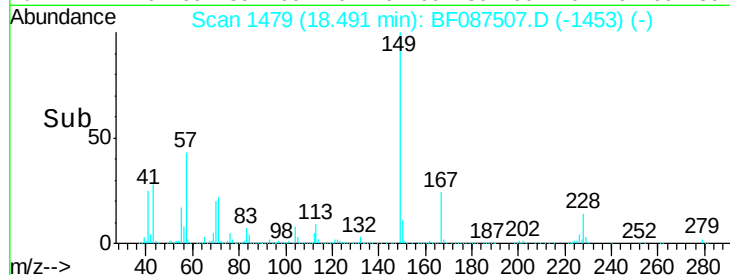
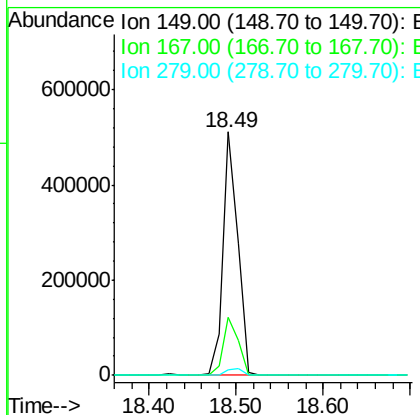
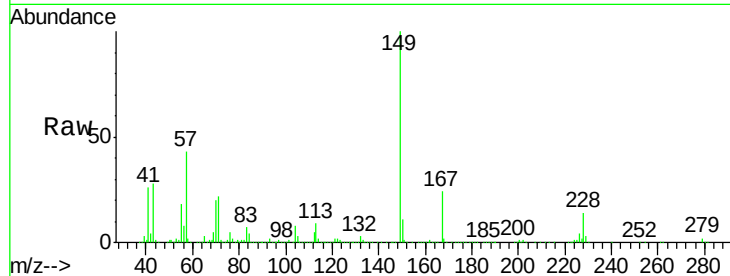
ClientSampleId :

MW-11BMS

Tgt Ion:	149	Resp:	611263
Ion Ratio	Lower	Upper	
149	100		
167	24.0	21.8	32.6
279	2.3	2.6	4.0#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.71 ng

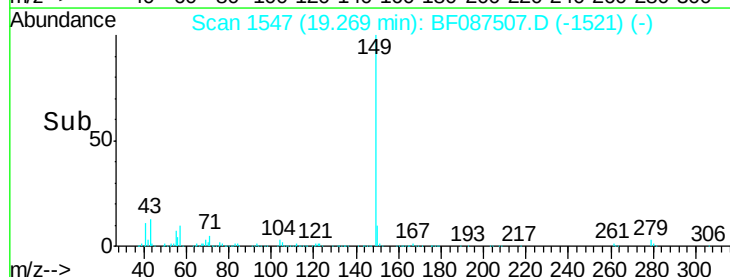
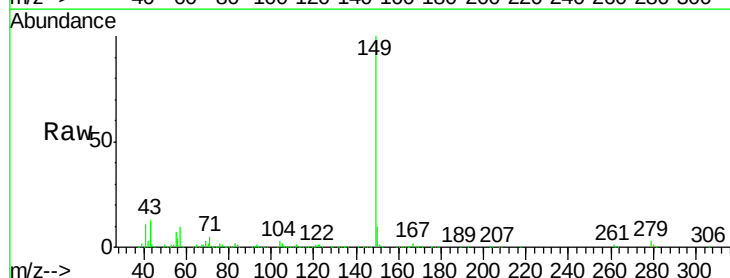
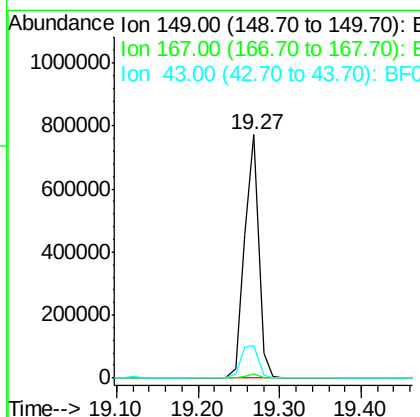
RT: 19.27 min Scan# 1547

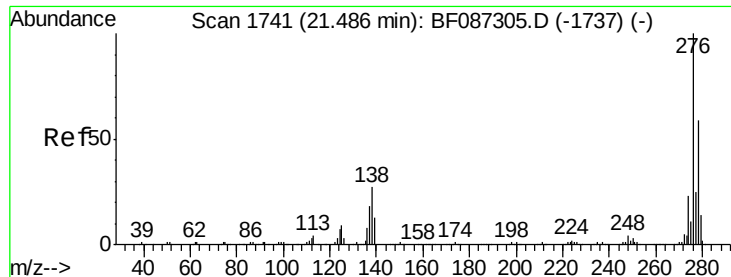
Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt Ion:	149	Resp:	924134
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	15.8	8.2	12.4#





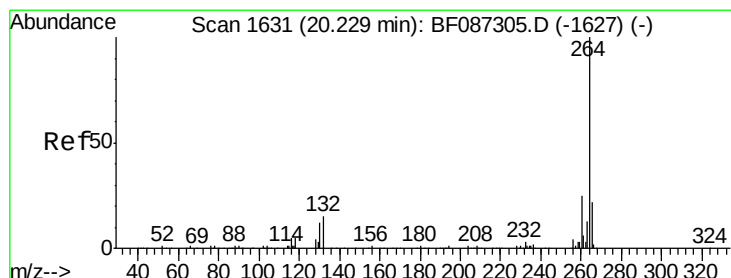
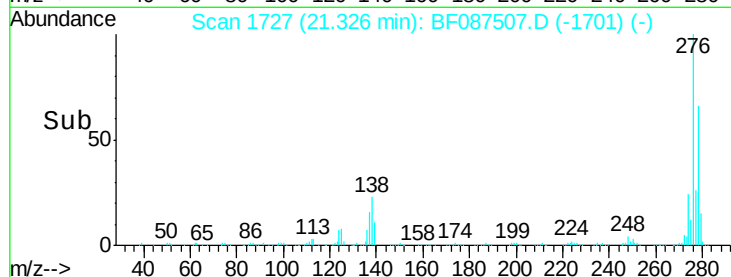
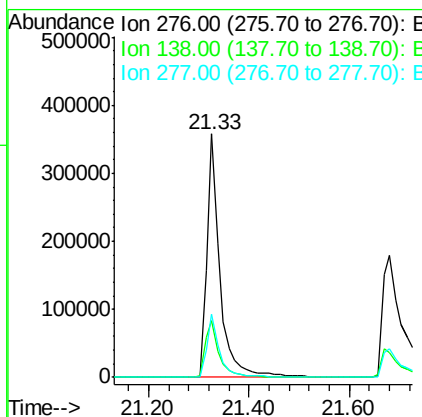
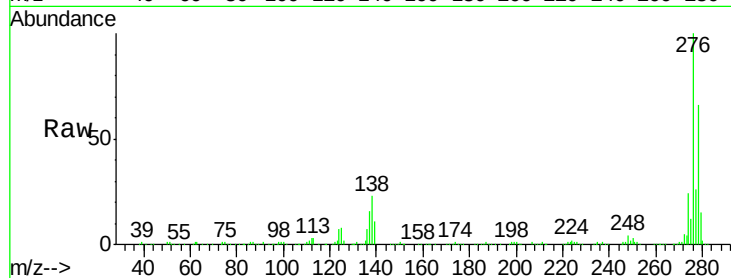
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.50 ng
 RT: 21.33 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	646734		
138	25.5	25.6	38.4#	
277	25.4	20.5	30.7	

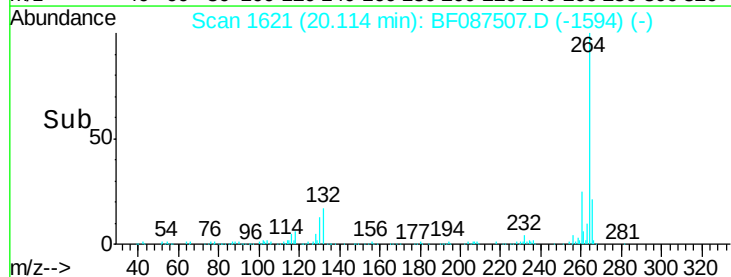
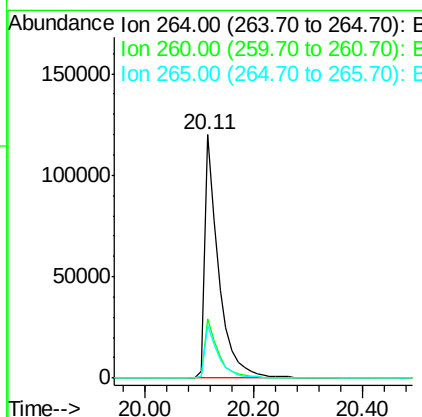
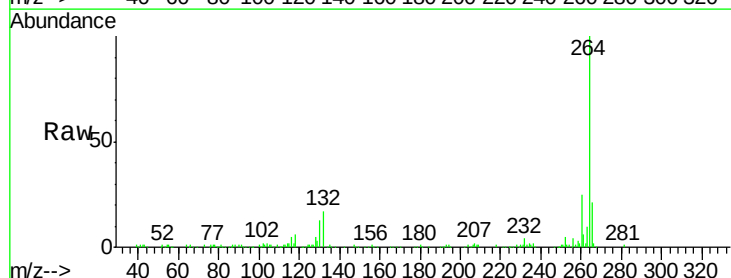
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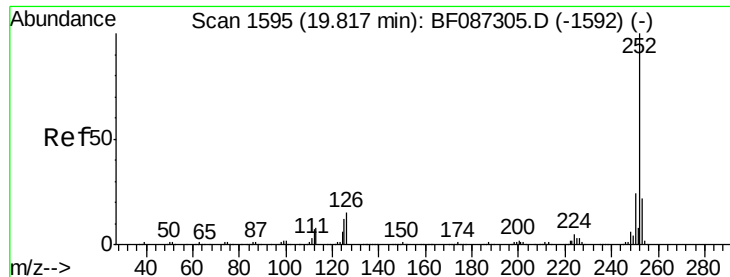
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	211692		
260	24.6	19.5	29.3	
265	21.5	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 42.17 ng m

RT: 19.70 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Instrument :

BNA_F

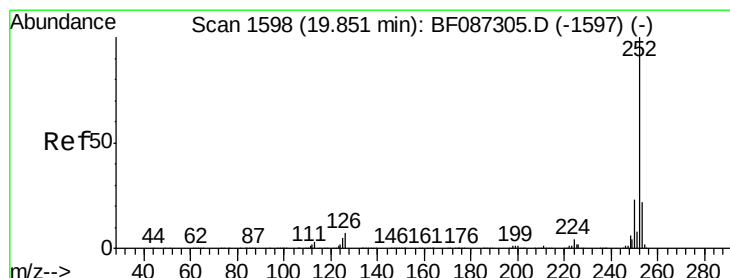
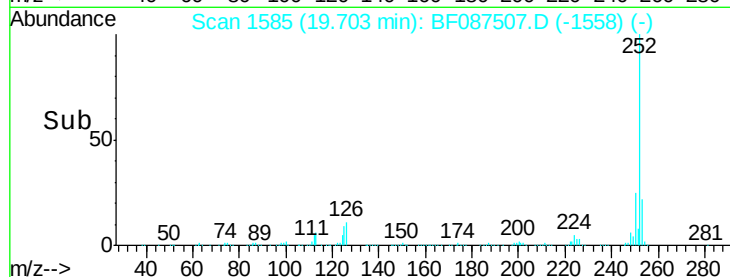
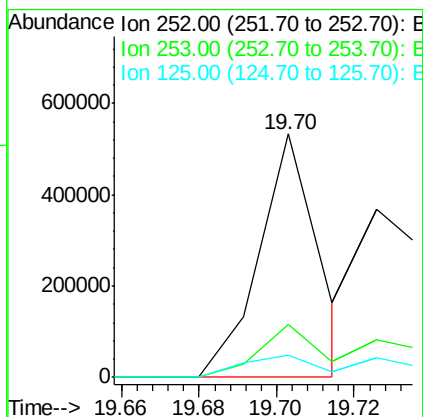
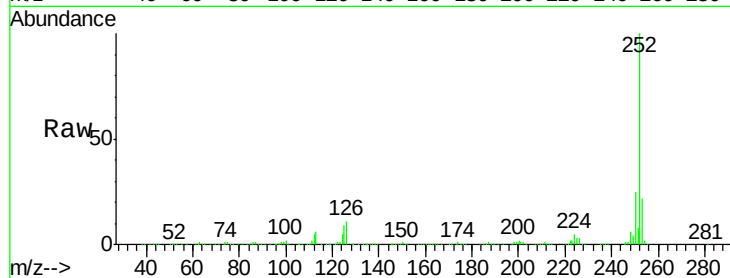
ClientSampleId :

MW-11BMS

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		568632		
253	21.9	17.8	26.6		
125	8.9	11.4	17.0		

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#88

Benzo(k)fluoranthene

Concen: 54.59 ng m

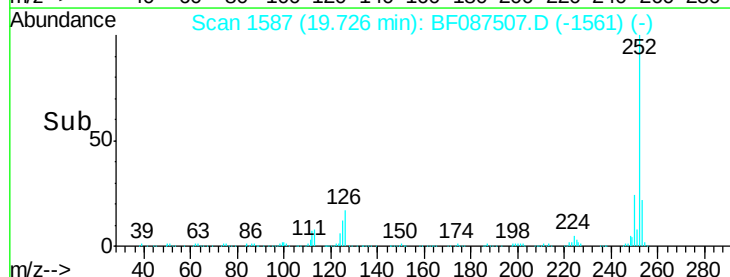
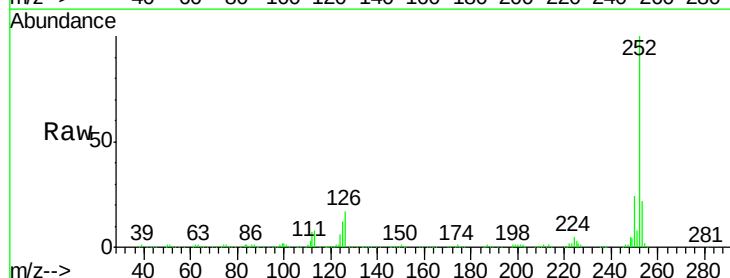
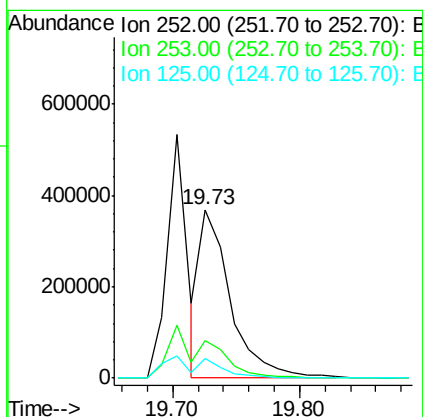
RT: 19.73 min Scan# 1587

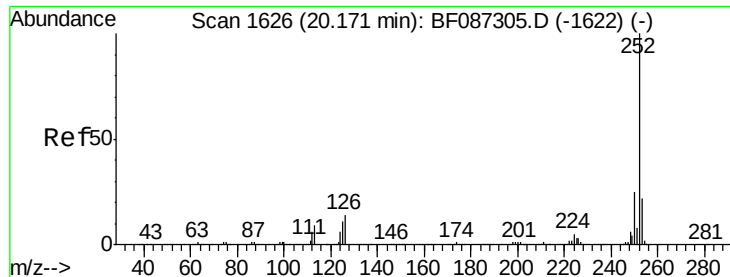
Delta R.T. -0.00 min

Lab File: BF087507.D

Acq: 29 May 2016 7:10

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		633617		
253	22.2	17.8	26.6		
125	11.5	9.1	13.7		





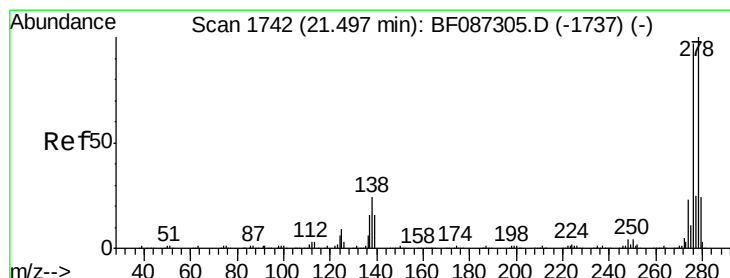
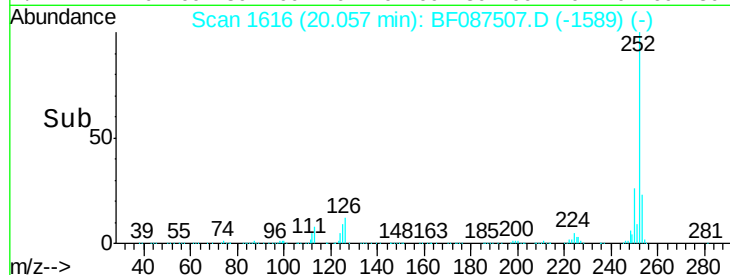
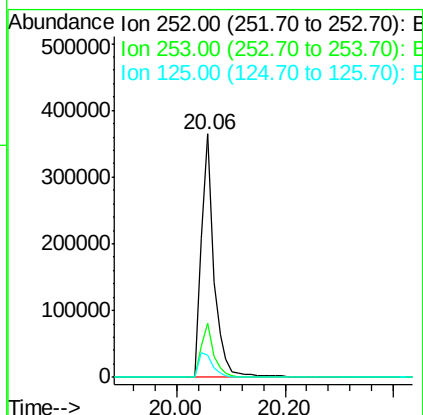
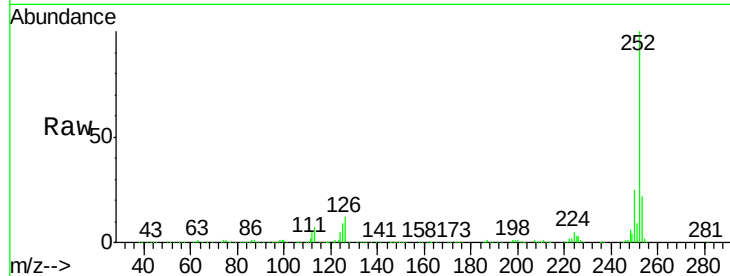
#89
Benzo(a)pyrene
Concen: 49.46 ng
RT: 20.06 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Instrument :
BNA_F
ClientSampleId :
MW-11BMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.1	9.0	13.6

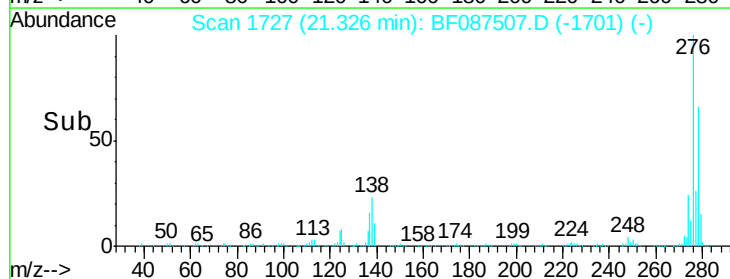
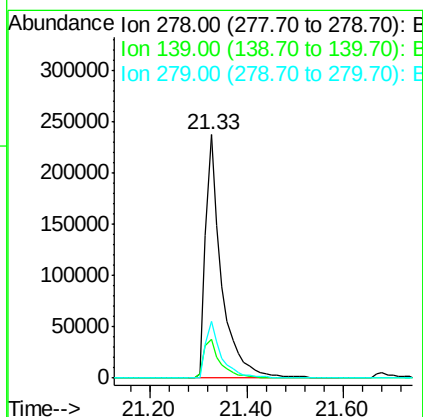
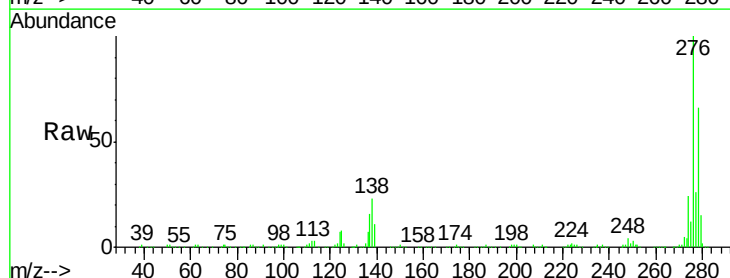
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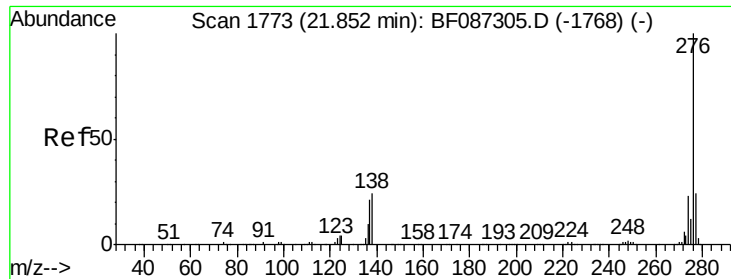
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#90
Dibenzo(a,h)anthracene
Concen: 54.94 ng
RT: 21.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BF087507.D
Acq: 29 May 2016 7:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.6	24.8#
279	23.3	19.6	29.4





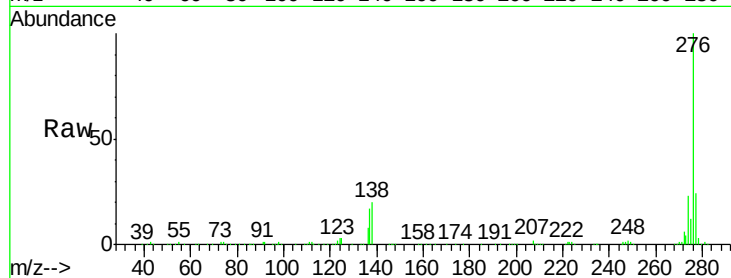
#91
 Benzo(g,h,i)perylene
 Concen: 54.48 ng
 RT: 21.68 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF087507.D
 Acq: 29 May 2016 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMS

Tgt Ion:	276	Resp:	534704
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.6	29.4
138	19.8	23.6	35.4

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

