

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087508.D
 Acq On : 29 May 2016 7:44
 Operator : UM/SJ
 Sample : H3272-08MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Manual Integrations
 APPROVED

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 5/31/2016 7:38:00 PM

Quant Time: May 30 04:39:58 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	101809	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	406338	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	189872	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	352023	20.00	ng	0.00
75) Chrysene-d12	18.43	240	251703	20.00	ng	0.00
86) Perylene-d12	20.11	264	193133	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	364991	63.00	ng	0.02
7) Phenol-d6	7.03	99	300192	38.34	ng	-0.01
23) Nitrobenzene-d5	8.39	82	739369	91.70	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	241074	132.12	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1195354	88.75	ng	-0.01
78) Terphenyl-d14	17.09	244	1016359	85.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	51913	16.98	ng	# 51
3) Pyridine	2.43	79	94483	14.14	ng	# 62
4) n-Nitrosodimethylamine	2.38	42	92706	18.00	ng	# 44
6) Aniline	6.97	93	260194	25.69	ng	95
8) 2-Chlorophenol	7.15	128	264239	36.57	ng	92
9) Benzaldehyde	6.83	77	38853	8.99	ng	95
10) Phenol	7.05	94	129550	15.15	ng	# 63
11) bis(2-Chloroethyl)ether	7.11	93	302750	43.75	ng	86
12) 1,3-Dichlorobenzene	7.36	146	286442	36.35	ng	# 90
13) 1,4-Dichlorobenzene	7.50	146	294961	36.46	ng	96
14) 1,2-Dichlorobenzene	7.72	146	285772	38.19	ng	97
15) Benzyl Alcohol	7.77	79	201882	35.37	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.96	45	626516	40.24	ng	86
17) 2-Methylphenol	8.00	107	182400	31.50	ng	# 89
18) Hexachloroethane	8.24	117	108774	36.04	ng	92
19) n-Nitroso-di-n-propylamine	8.19	70	270330	46.30	ng	# 71
20) 3+4-Methylphenols	8.26	107	200159	28.59	ng	# 60
22) Acetophenone	8.16	105	477276	49.17	ng	# 97
24) Nitrobenzene	8.42	77	388514	45.65	ng	97
25) Isophorone	8.81	82	671866	46.46	ng	99
26) 2-Nitrophenol	8.92	139	159281	45.78	ng	# 70
27) 2,4-Dimethylphenol	9.07	122	245887	40.72	ng	87
28) bis(2-Chloroethoxy)methane	9.20	93	395131	48.51	ng	99
29) 2,4-Dichlorophenol	9.35	162	247260	45.43	ng	98
30) 1,2,4-Trichlorobenzene	9.43	180	261370	41.95	ng	95
31) Naphthalene	9.53	128	882102	43.32	ng	99
32) Benzoic acid	9.36	122	31253	14.65	ng	# 75
33) 4-Chloroaniline	9.69	127	209448	27.93	ng	# 92
34) Hexachlorobutadiene	9.75	225	142769	37.70	ng	98
35) Caprolactam	10.33	113	12236	7.70	ng	# 60
36) 4-Chloro-3-methylphenol	10.55	107	249984	40.63	ng	94
37) 2-Methylnaphthalene	10.66	142	600615	47.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	263013	43.27	ng	98
40) Hexachlorocyclopentadiene	10.90	237	115562	50.20	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	153810	43.84	ng	94
43) 2,4,5-Trichlorophenol	11.26	196	143574	40.19	ng #	90
45) 1,1'-Biphenyl	11.43	154	746736	46.71	ng	97
46) 2-Chloronaphthalene	11.44	162	550788	45.03	ng #	89
47) 2-Nitroaniline	11.67	65	220416	50.02	ng #	72
48) Acenaphthylene	12.10	152	894371	46.19	ng	99
49) Dimethylphthalate	11.99	163	701691	46.13	ng	99
50) 2,6-Dinitrotoluene	12.08	165	144125	47.03	ng #	68
51) Acenaphthene	12.38	154	539016	45.29	ng	97
52) 3-Nitroaniline	12.35	138	87307	27.76	ng #	73
53) 2,4-Dinitrophenol	12.57	184	110925	71.48	ng #	85
54) Dibenzofuran	12.67	168	817126	50.71	ng	97
55) 4-Nitrophenol	12.81	139	31781	21.18	ng #	65
56) 2,4-Dinitrotoluene	12.74	165	206142	50.33	ng #	79
57) Fluorene	13.22	166	657968	47.09	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.91	232	126989	46.21	ng	98
59) Diethylphthalate	13.13	149	681854	46.11	ng	99
60) 4-Chlorophenyl-phenylether	13.25	204	306225	44.94	ng	99
61) 4-Nitroaniline	13.36	138	132129	45.01	ng #	63
62) Azobenzene	13.51	77	805084	52.48	ng	86
64) 4,6-Dinitro-2-methylphenol	13.42	198	83729	37.41	ng #	72
65) n-Nitrosodiphenylamine	13.46	169	549787	48.29	ng	99
66) 4-Bromophenyl-phenylether	14.03	248	177118	45.99	ng	97
67) Hexachlorobenzene	14.10	284	182595	45.33	ng #	65
68) Atrazine	14.39	200	170312	46.93	ng	93
69) Pentachlorophenol	14.48	266	83801	67.95	ng	99
70) Phenanthrene	14.77	178	944400	48.43	ng	100
71) Anthracene	14.86	178	976347	49.57	ng	99
72) Carbazole	15.15	167	861468	51.28	ng	99
73) Di-n-butylphthalate	15.73	149	1078593	49.64	ng	99
74) Fluoranthene	16.54	202	965650	49.39	ng	93
76) Benzidine	16.79	184	79923	12.34	ng	97
77) Pyrene	16.83	202	922237	50.90	ng	99
79) Butylbenzylphthalate	17.75	149	410276	51.06	ng #	70
80) Benzo(a)anthracene	18.42	228	676665	47.26	ng	99
81) 3,3'-Dichlorobenzidine	18.41	252	107920	13.64	ng	98
82) Chrysene	18.47	228	671975	47.29	ng	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	555101	47.35	ng #	95
84) Di-n-octyl phthalate	19.27	149	876168	49.00	ng #	88
85) Indeno(1,2,3-cd)pyrene	21.33	276	595570	52.29	ng	94
87) Benzo(b)fluoranthene	19.70	252	527645m	42.89	ng	
88) Benzo(k)fluoranthene	19.73	252	583803m	55.13	ng	
89) Benzo(a)pyrene	20.06	252	533242	50.12	ng #	98
90) Dibenzo(a,h)anthracene	21.33	278	502430	55.36	ng #	94
91) Benzo(g,h,i)perylene	21.68	276	496777	55.48	ng #	89

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

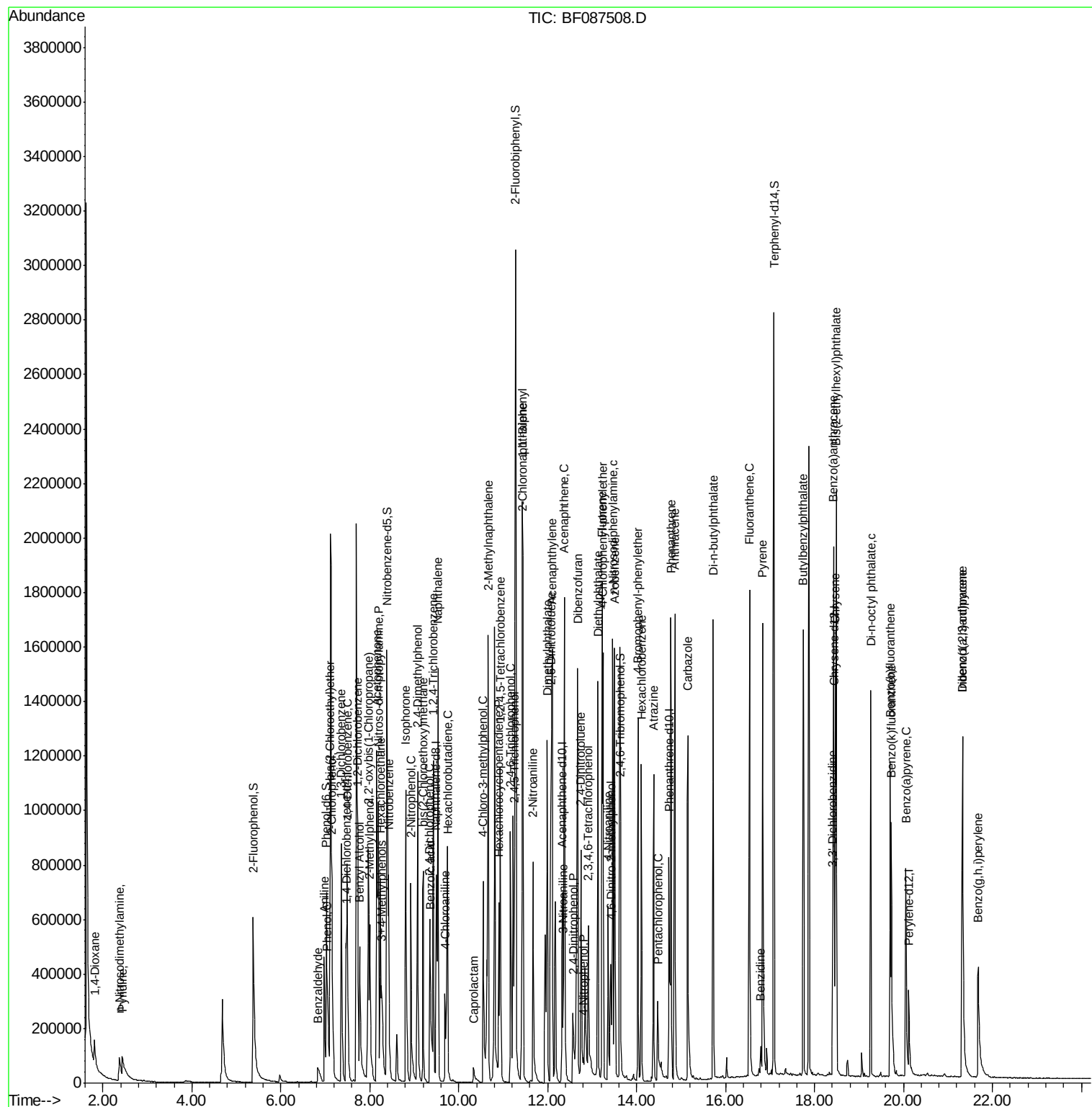
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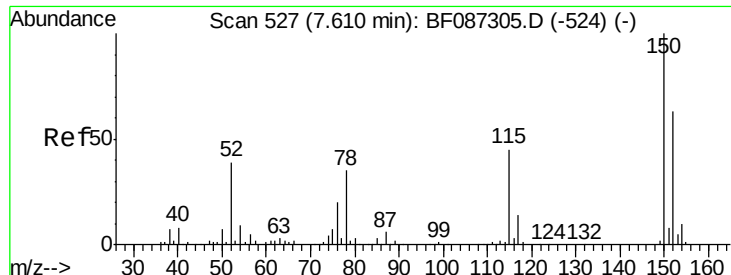
Instrument :
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#1

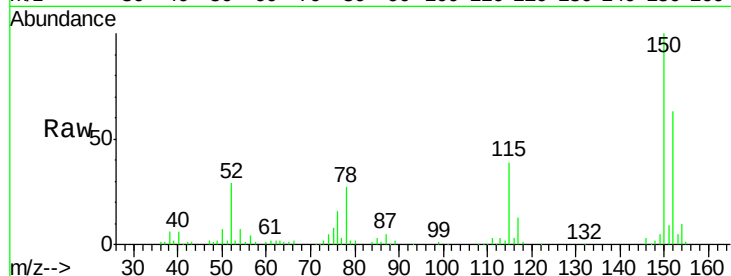
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.8	188.6
115	61.6	51.5	77.3

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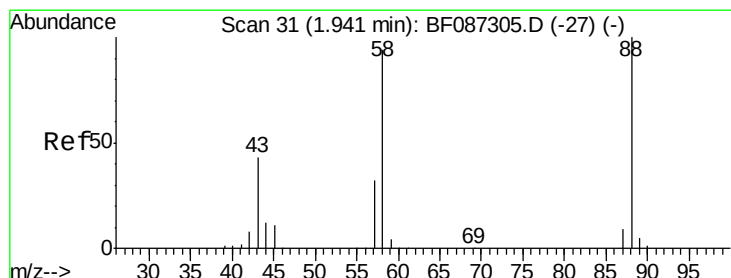
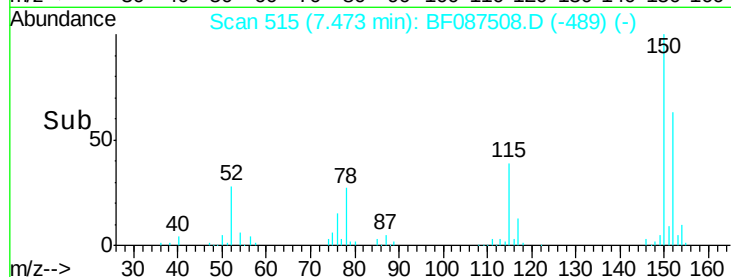
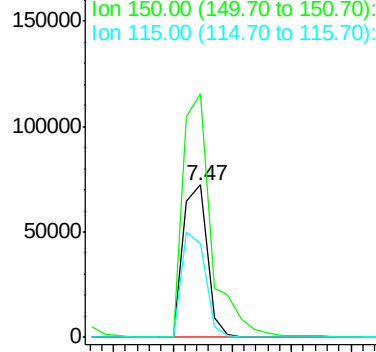


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

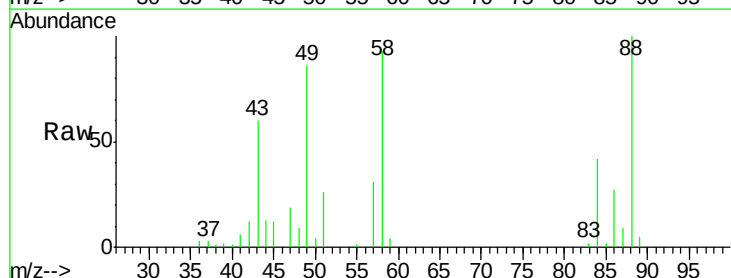
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.98 ng
RT: 1.82 min Scan# 20
Delta R.T. 0.06 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.5	59.6	89.4#
43	85.3	21.8	32.6#

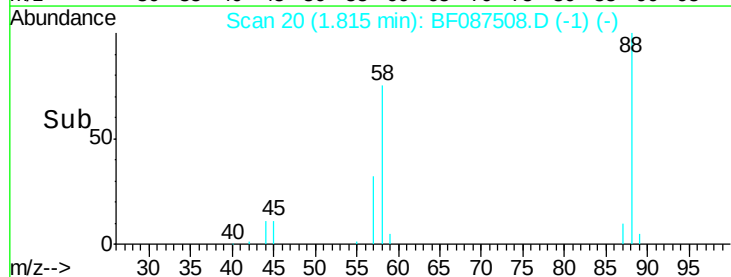
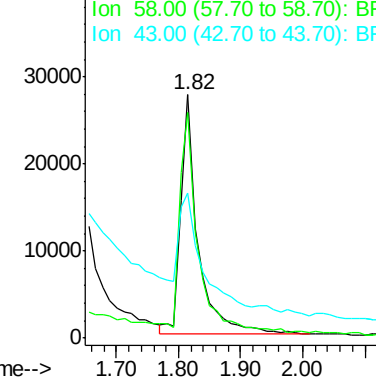


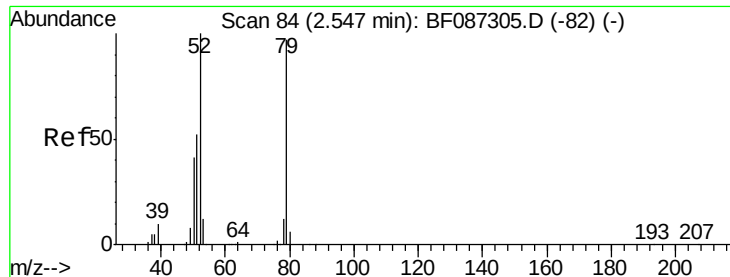
Abundance

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: 14.14 ng

RT: 2.43 min Scan# 74

Delta R.T. 0.09 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

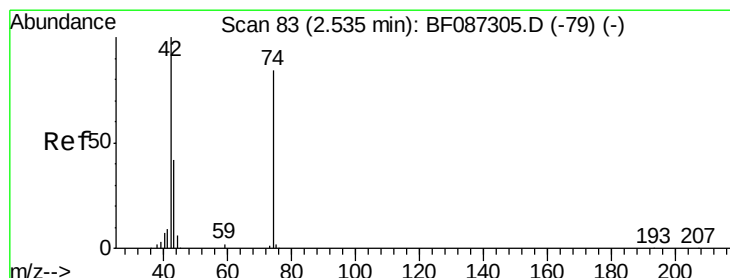
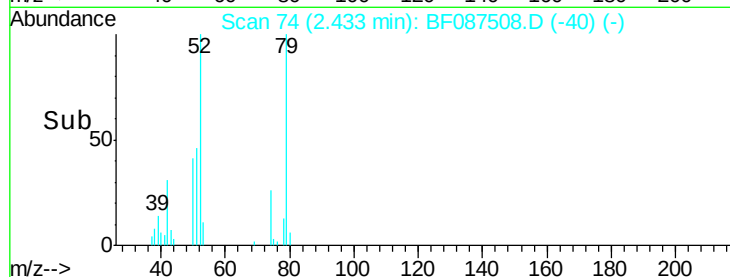
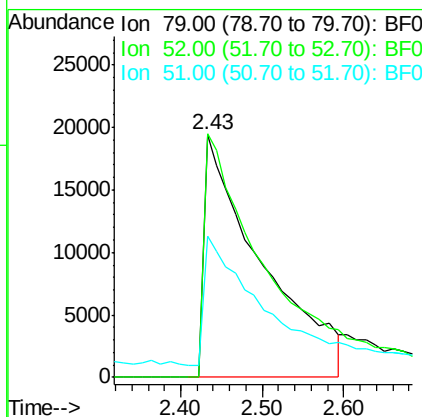
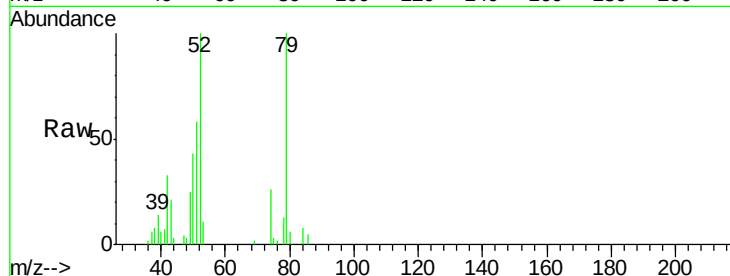
ClientSampleId :

MW-11BMSD

Tgt Ion:	79	Resp:	94483
Ion Ratio	Lower	Upper	
79	100		
52	100.5	55.9	83.9#
51	58.2	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 18.00 ng

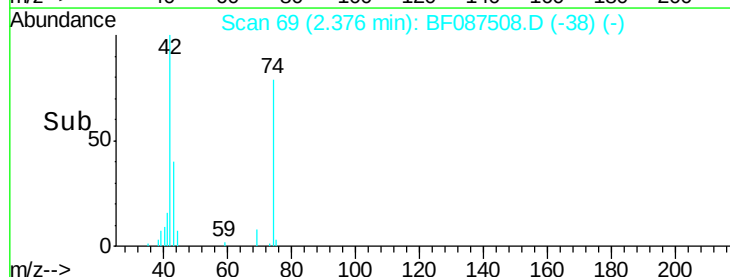
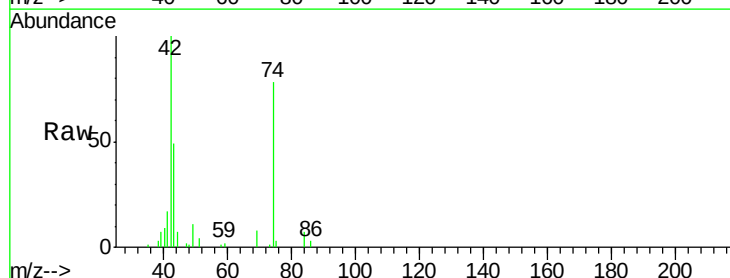
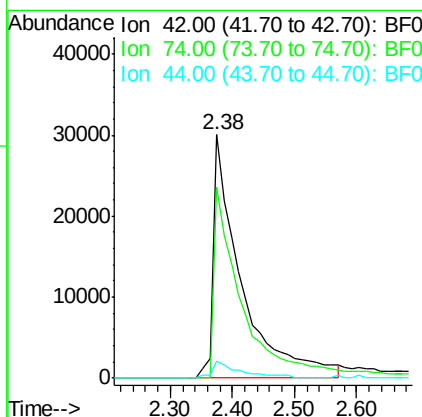
RT: 2.38 min Scan# 69

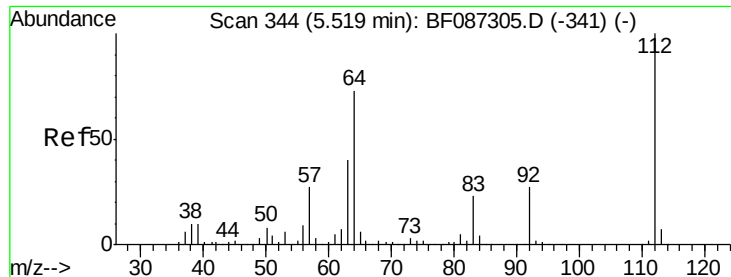
Delta R.T. 0.06 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	42	Resp:	92706
Ion Ratio	Lower	Upper	
42	100		
74	78.5	123.4	185.0#
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 63.00 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.02 min

Lab File: BF087508.D

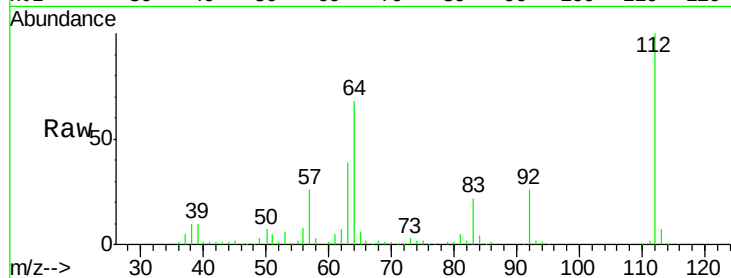
Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampleId :

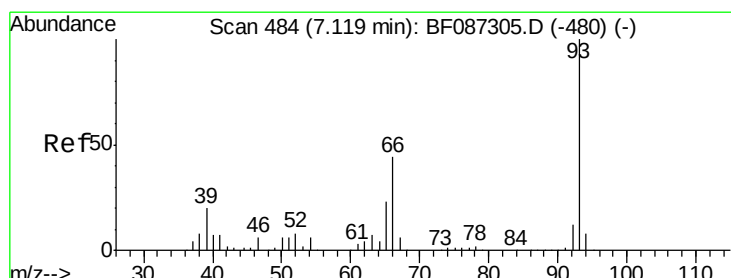
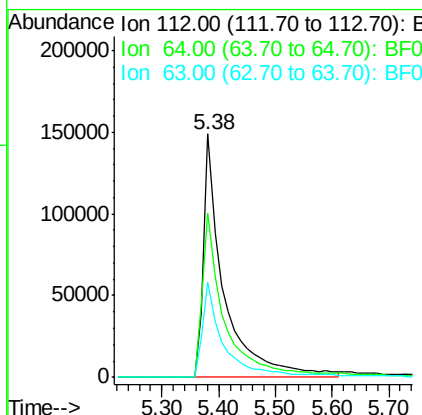
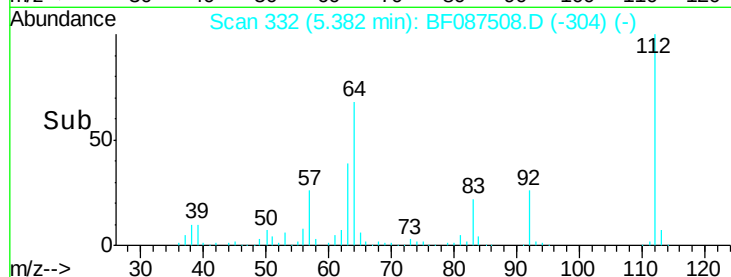
MW-11BMSD



Tgt Ion:	112	Resp:	364991
Ion Ratio	Lower	Upper	
112	100		
64	67.6	52.1	78.1
63	38.9	25.7	38.5#

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#6

Aniline

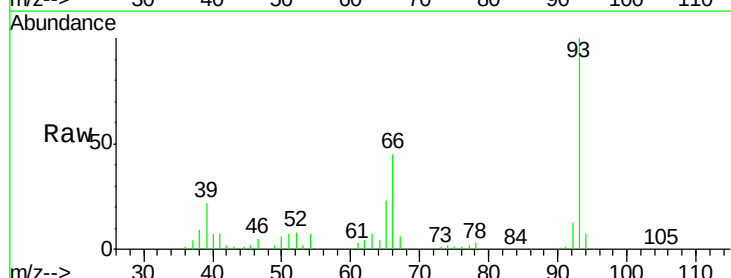
Concen: 25.69 ng

RT: 6.97 min Scan# 471

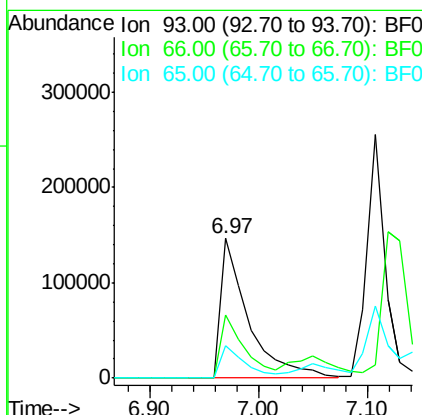
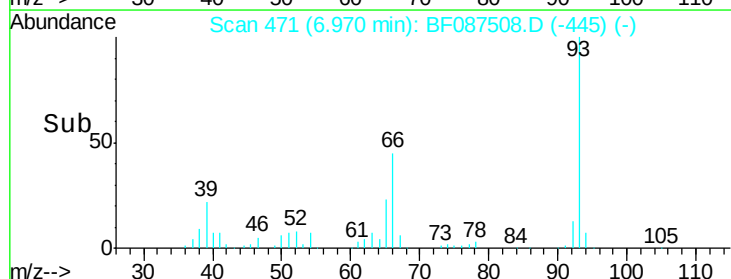
Delta R.T. 0.00 min

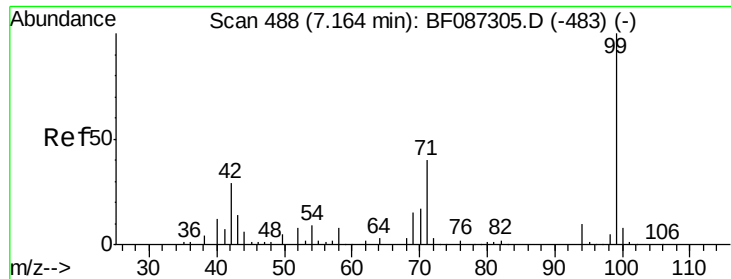
Lab File: BF087508.D

Acq: 29 May 2016 7:44



Tgt Ion:	93	Resp:	260194
Ion Ratio	Lower	Upper	
93	100		
66	45.4	39.0	58.6
65	22.9	20.6	31.0





#7

Phenol-d6

Concen: 38.34 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

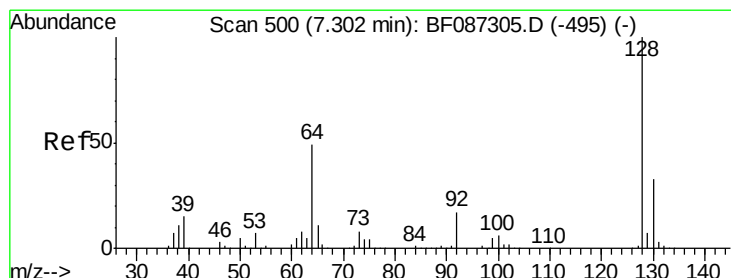
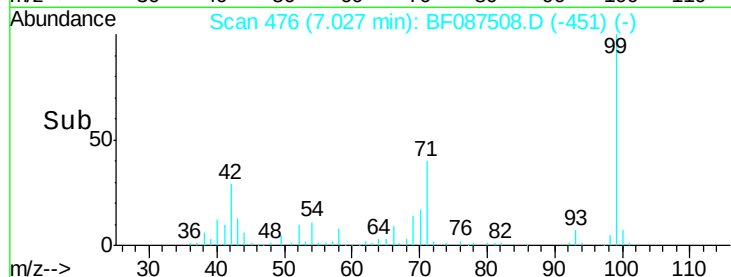
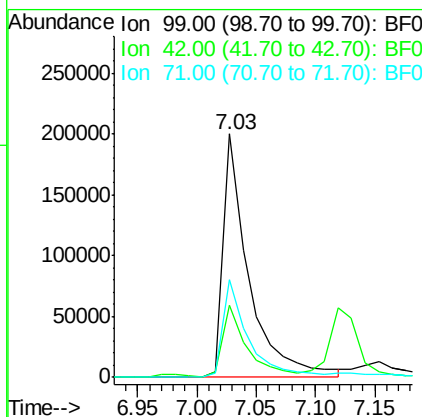
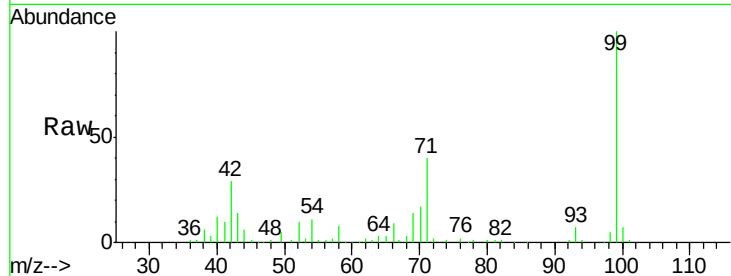
ClientSampled :

MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	300192		
42	29.4	13.6	20.4#	
71	40.0	24.6	36.8#	

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#8

2-Chlorophenol

Concen: 36.57 ng

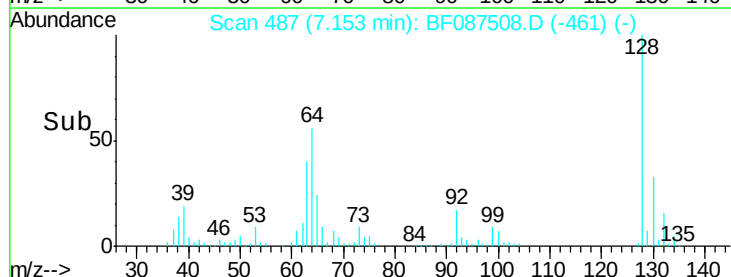
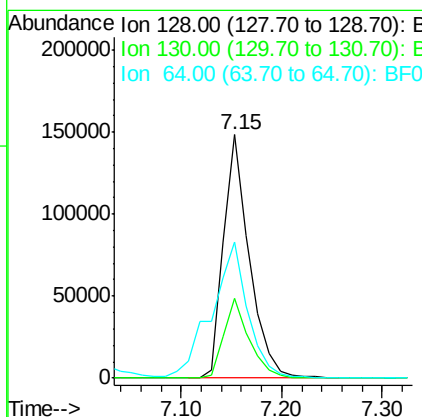
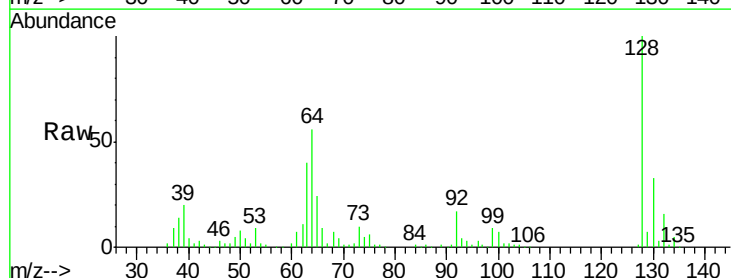
RT: 7.15 min Scan# 487

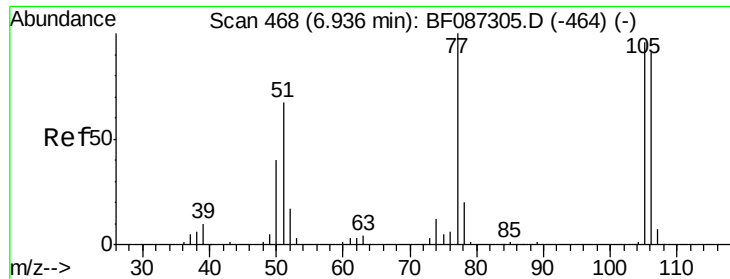
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	264239		
130	32.6	12.5	52.5	
64	55.9	27.3	67.3	





#9

Benzaldehyde

Concen: 8.99 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.06 min

Lab File: BF087508.D

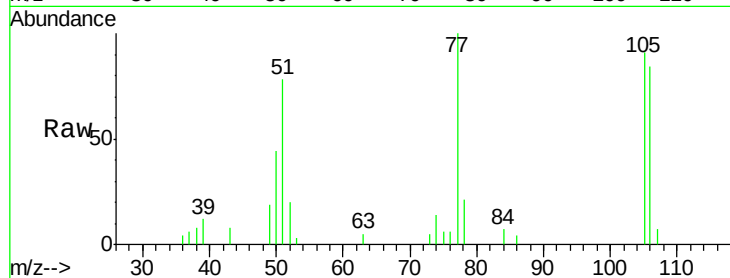
Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampled :

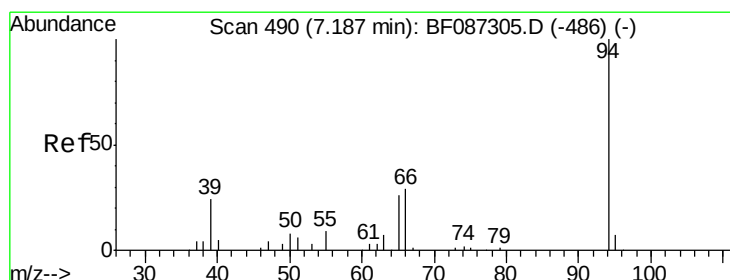
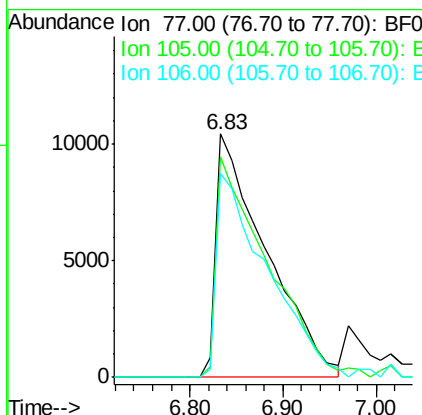
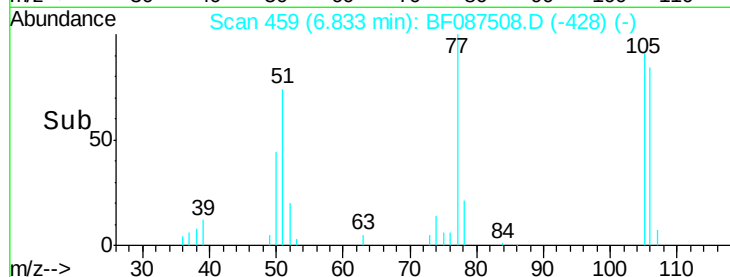
MW-11BMSD



Tgt Ion:	77	Resp:	38853
Ion	Ratio	Lower	Upper
77	100		
105	90.6	72.7	112.7
106	83.9	70.8	110.8

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#10

Phenol

Concen: 15.15 ng

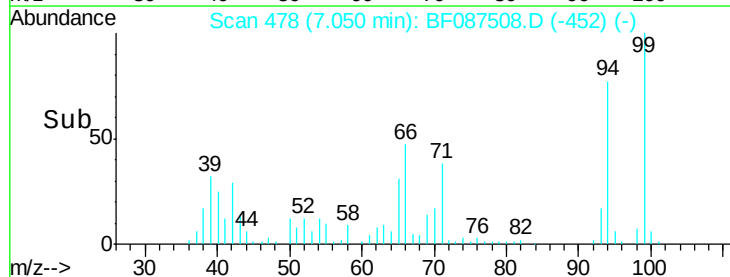
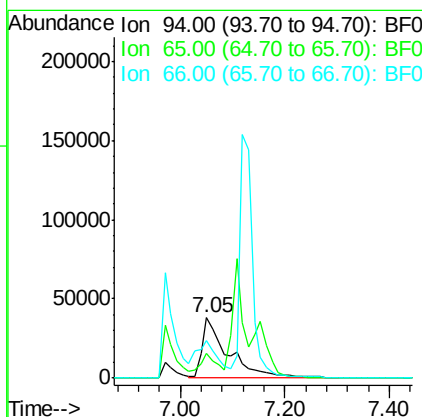
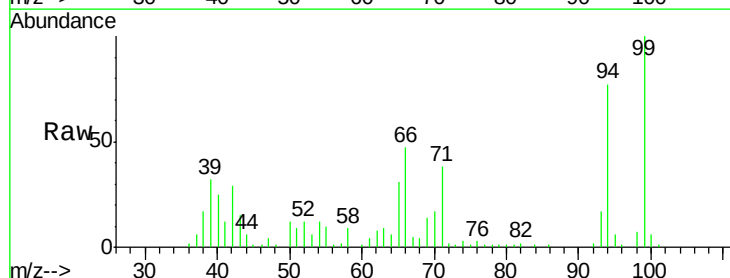
RT: 7.05 min Scan# 478

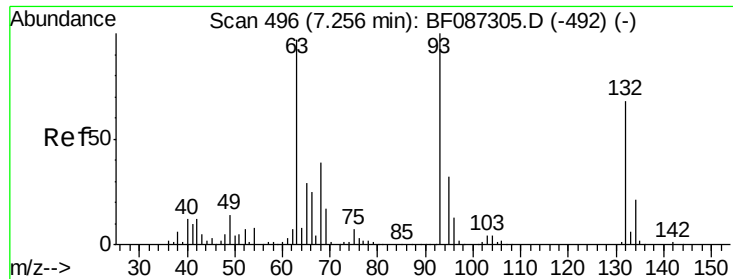
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	94	Resp:	129550
Ion	Ratio	Lower	Upper
94	100		
65	40.7	7.2	47.2
66	61.5	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 43.75 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampleId :

MW-11BMSD

Tgt Ion: 93 Resp: 302750
Ion Ratio Lower Upper

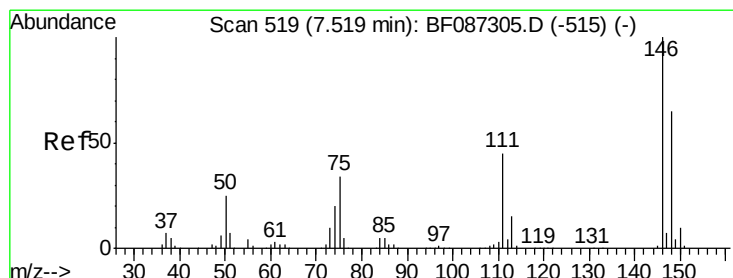
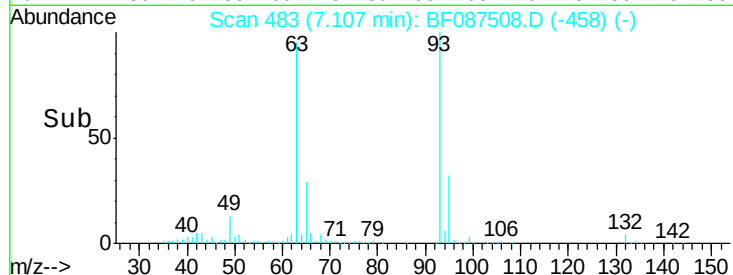
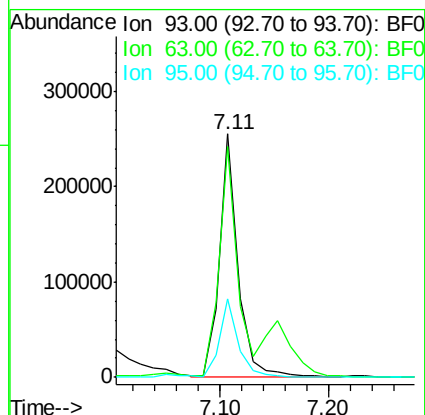
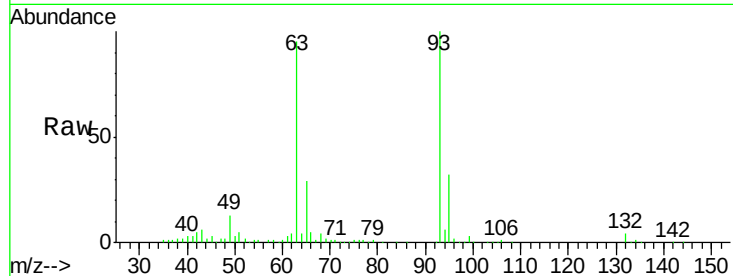
93 100

63 94.9 58.0 98.0

95 32.3 11.9 51.9

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#12

1,3-Dichlorobenzene

Concen: 36.35 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF087508.D

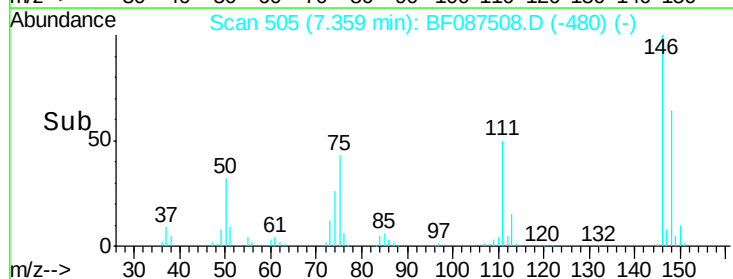
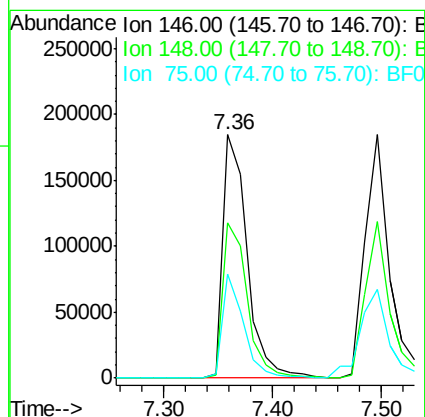
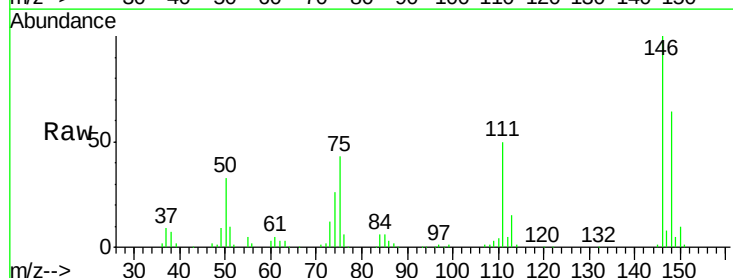
Acq: 29 May 2016 7:44

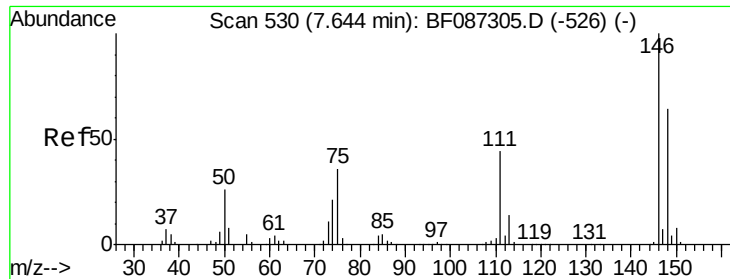
Tgt Ion: 146 Resp: 286442
Ion Ratio Lower Upper

146 100

148 63.9 52.4 78.6

75 42.8 22.8 34.2#





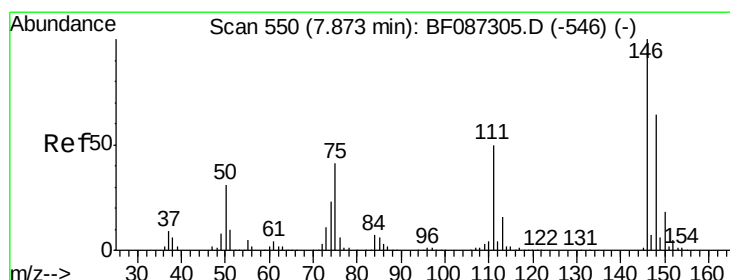
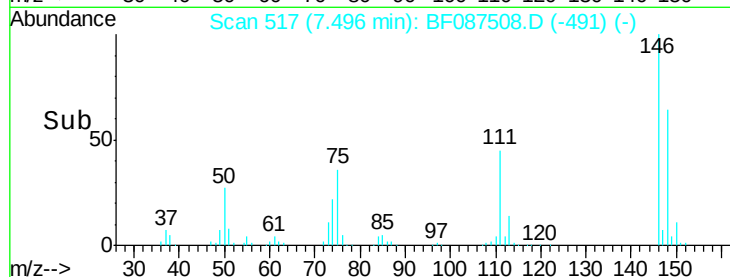
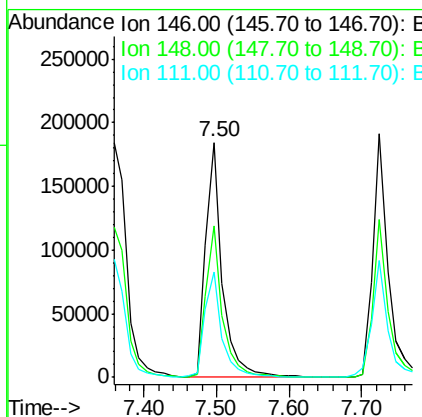
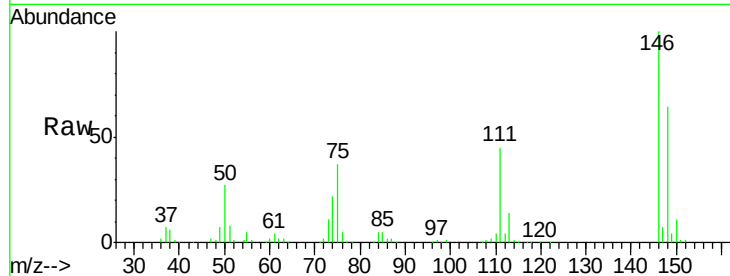
#13
 1,4-Dichlorobenzene
 Concen: 36.46 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampled :
 MW-11BMSD

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.4	52.2	78.4
111	44.6	30.7	46.1

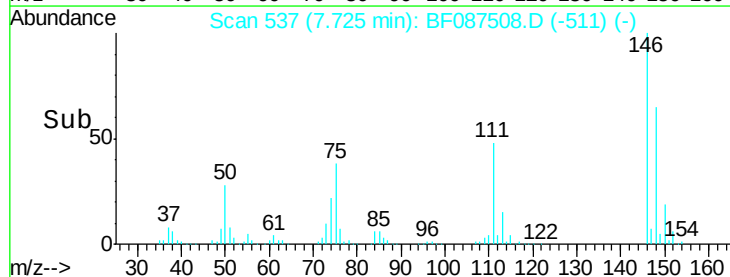
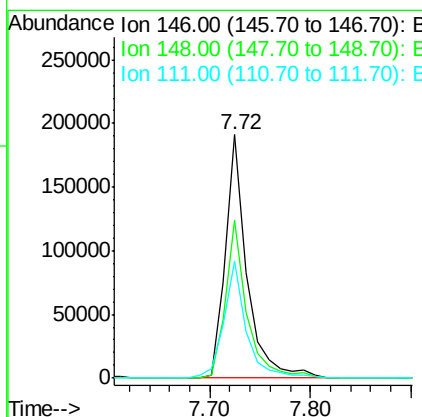
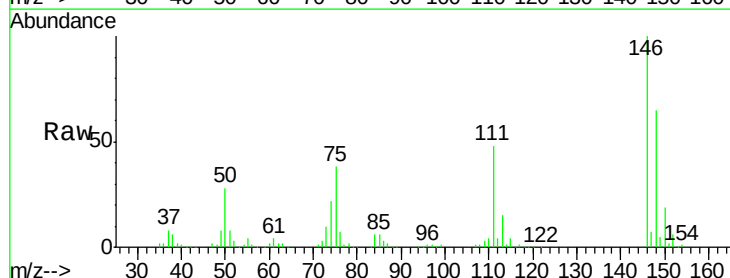
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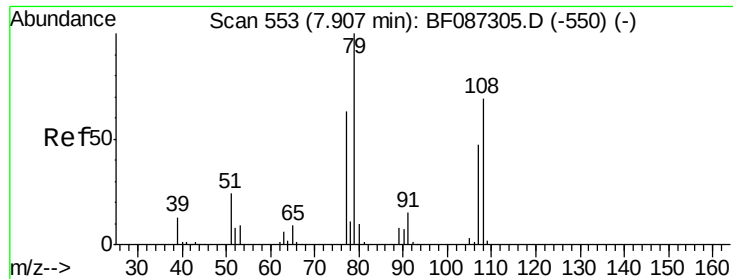
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#14
 1,2-Dichlorobenzene
 Concen: 38.19 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.1	51.0	76.6
111	47.8	36.2	54.4





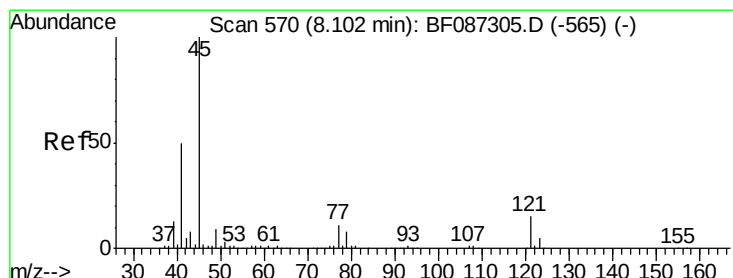
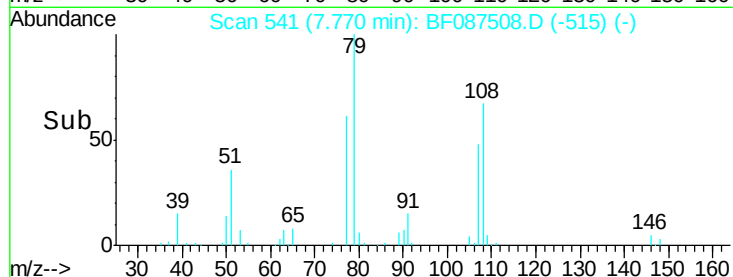
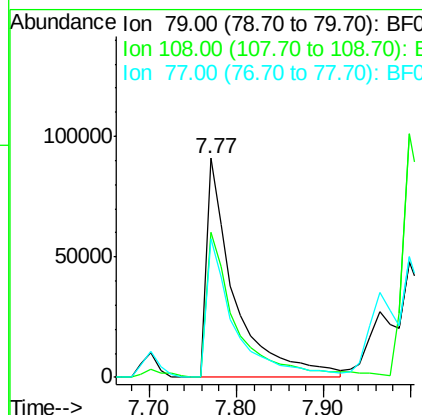
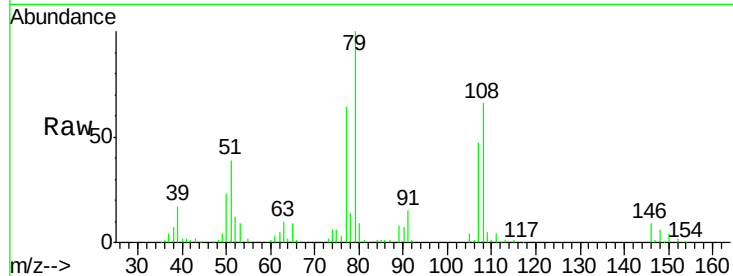
#15
Benzyl Alcohol
Concen: 35.37 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	201882		
108	66.1	68.4	102.6#	
77	63.5	50.6	76.0	

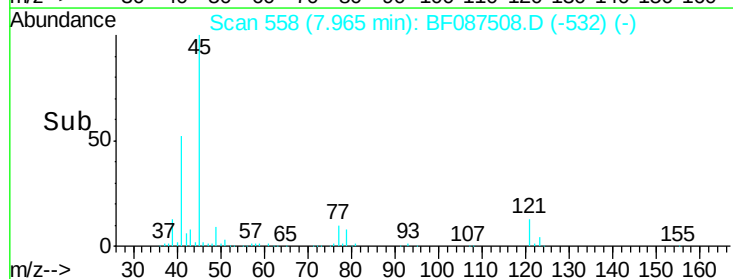
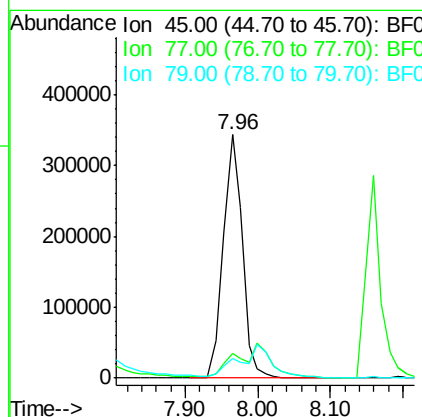
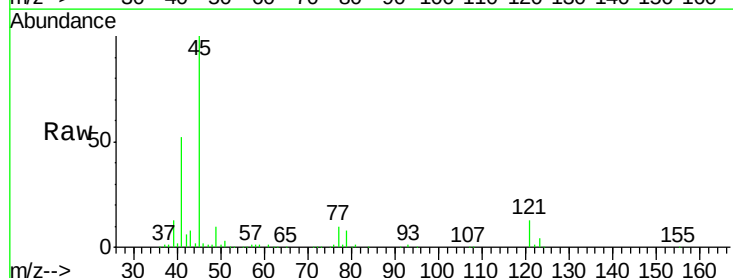
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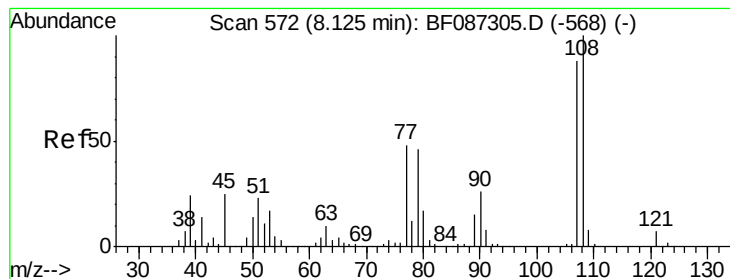
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.24 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	626516		
77	10.2	0.0	36.4	
79	7.9	0.0	33.4	





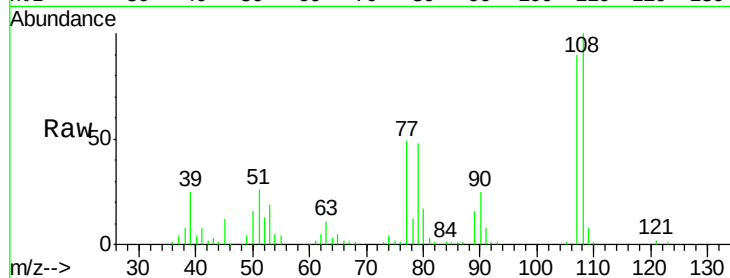
#17
2-Methylphenol
Concen: 31.50 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

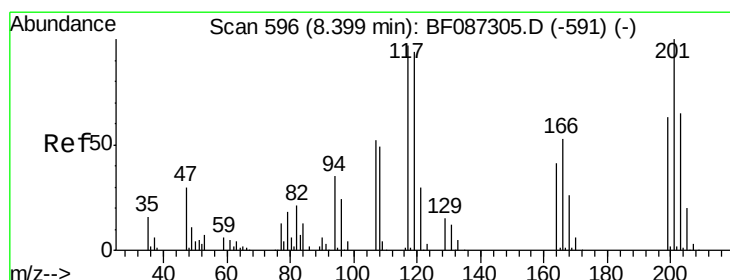
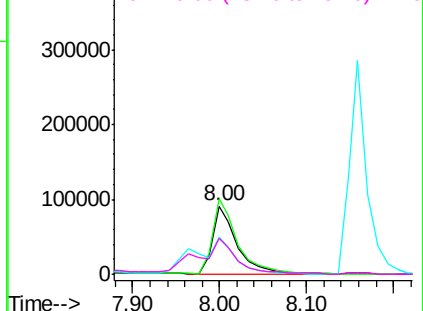
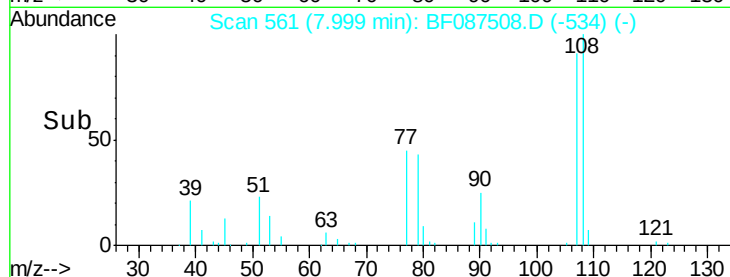
Tgt Ion:	107	Resp:	182400
Ion Ratio	Lower	Upper	
107	100		
108	111.3	93.7	140.5
77	55.0	33.4	50.0#
79	52.9	34.3	51.5#

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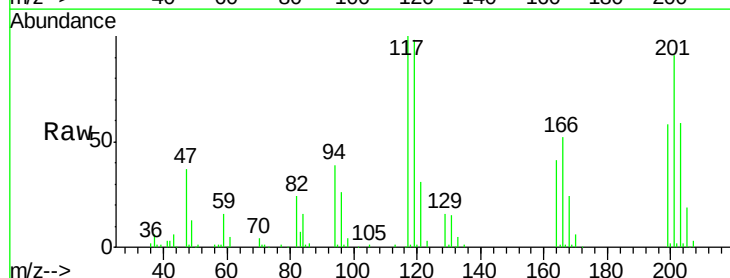


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

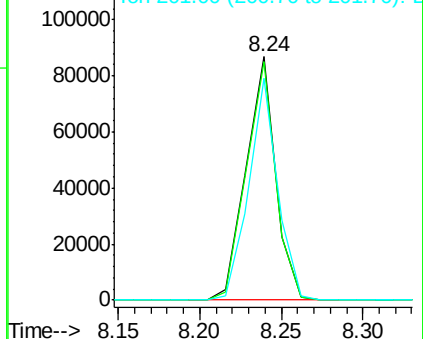
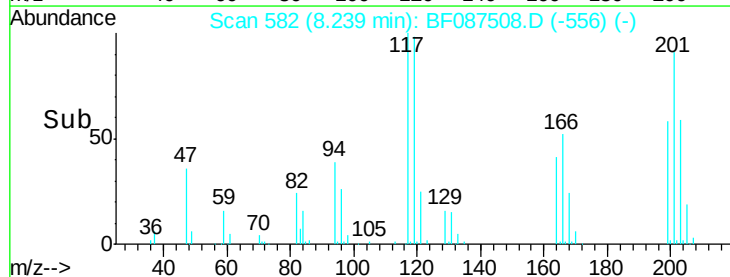


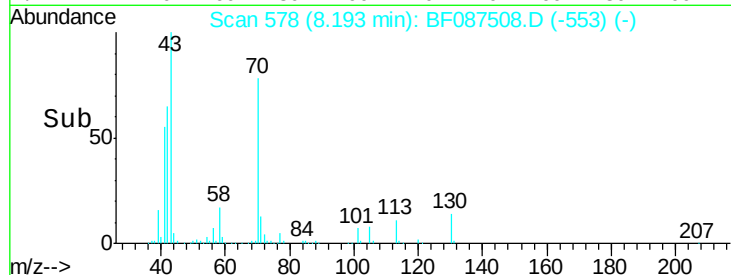
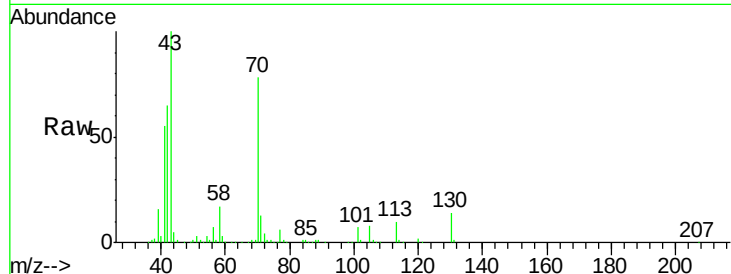
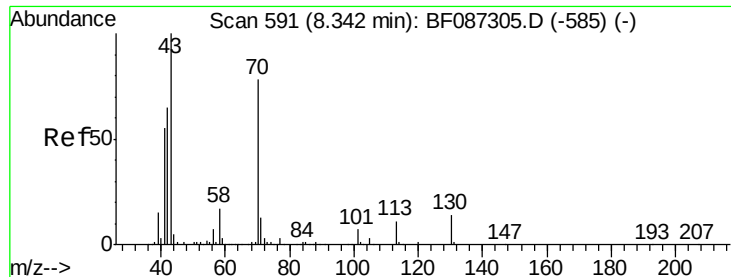
#18
Hexachloroethane
Concen: 36.04 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion:	117	Resp:	108774
Ion Ratio	Lower	Upper	
117	100		
119	97.8	76.5	114.7
201	91.3	63.0	94.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





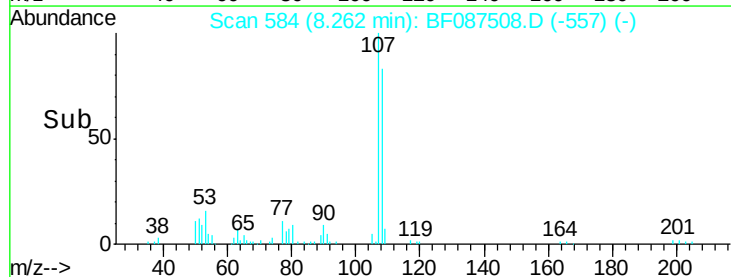
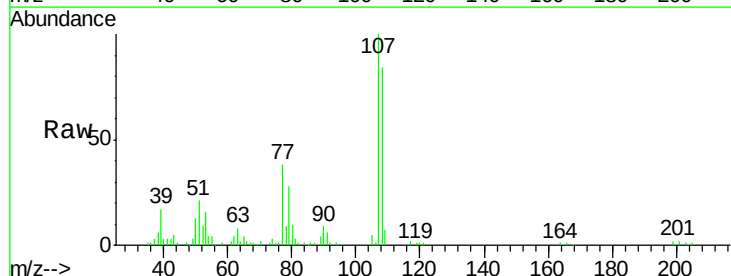
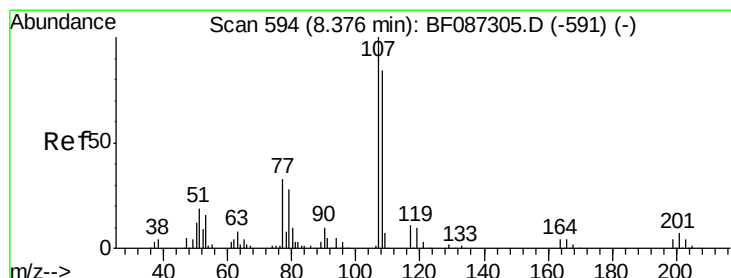
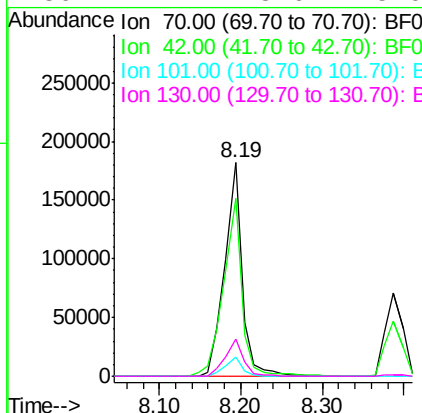
#19
n-Nitroso-di-n-propylamine
Concen: 46.30 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	83.5	43.1	64.7#
101	8.8	8.1	12.1
130	17.7	18.6	28.0#

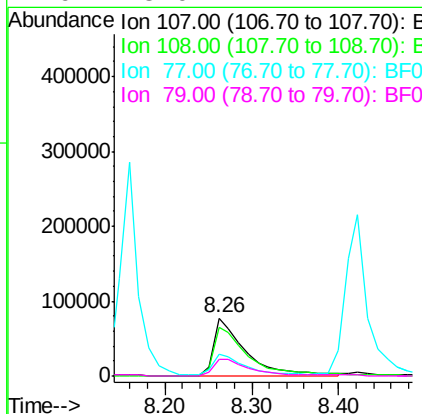
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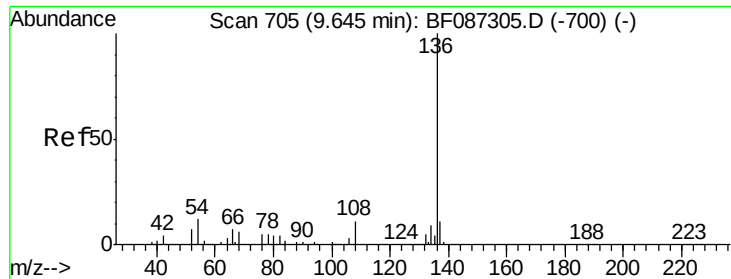
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#20
3+4-Methylphenols
Concen: 28.59 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	84.0	68.5	108.5
77	38.2	101.6	141.6#
79	28.0	7.4	47.4





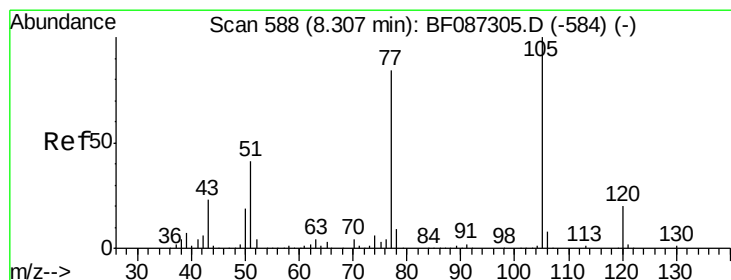
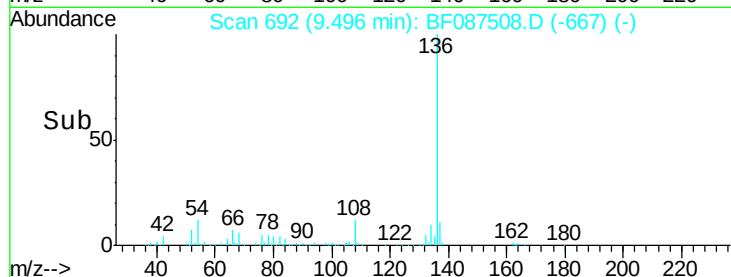
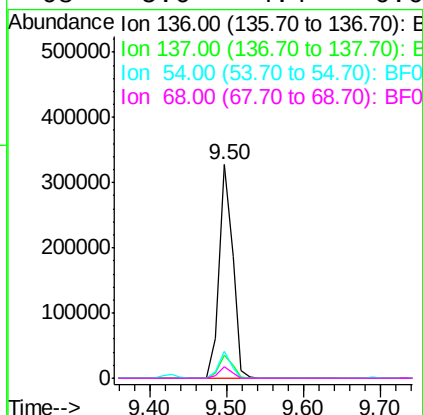
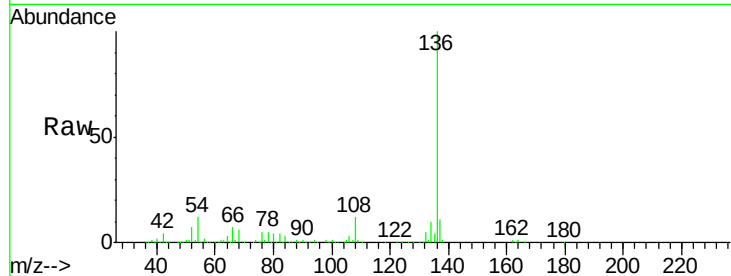
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	406338		
137	11.0	8.8	13.2	
54	12.4	5.0	7.4#	
68	5.6	4.4	6.6	

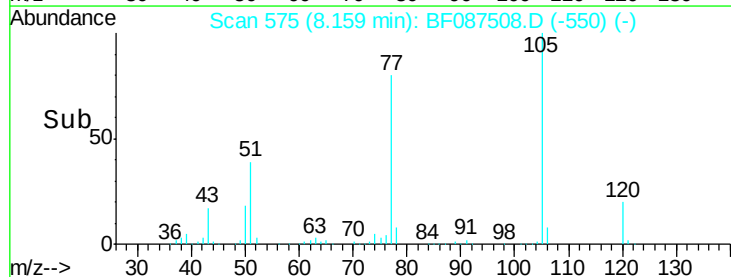
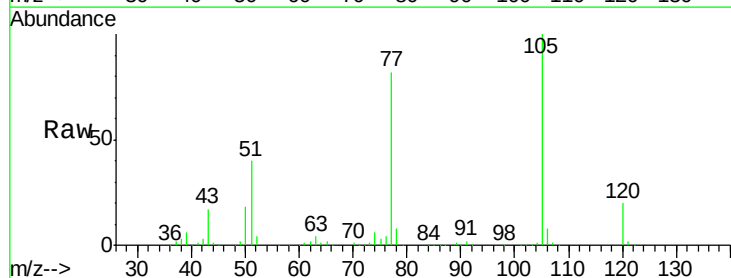
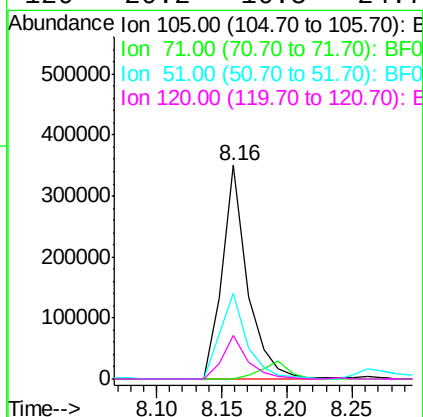
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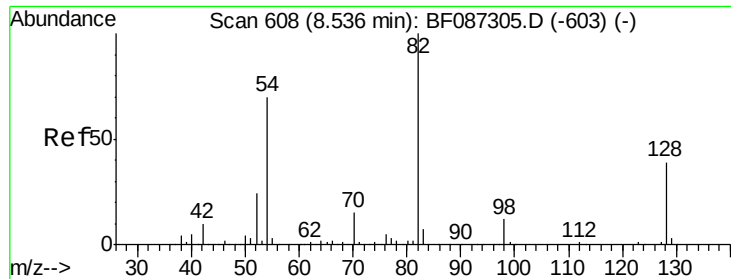
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#22
Acetophenone
Concen: 49.17 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	477276		
71	0.2	4.8	7.2#	
51	40.0	32.6	49.0	
120	20.2	16.5	24.7	





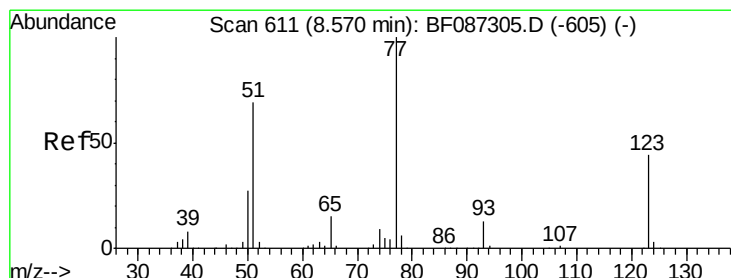
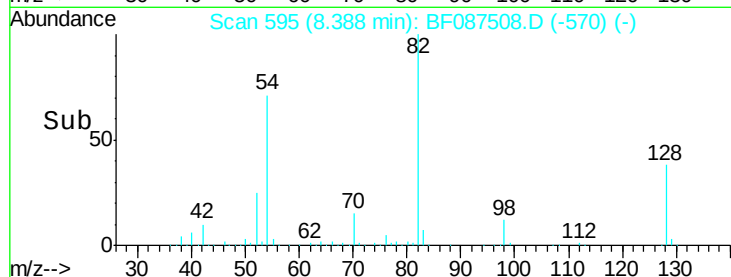
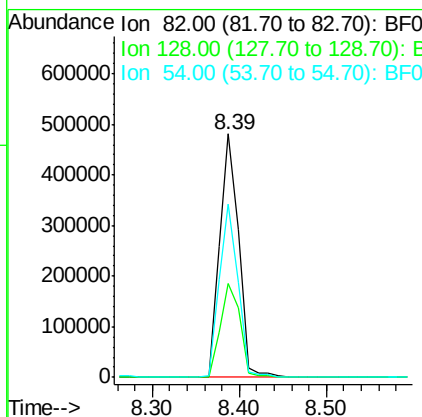
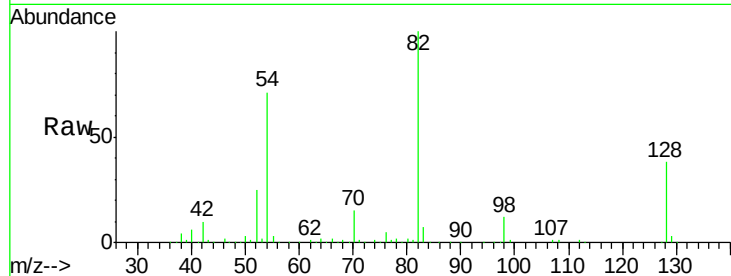
#23
 Nitrobenzene-d5
 Concen: 91.70 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	739369		
128	38.3	40.6	61.0#	
54	71.1	38.1	57.1#	

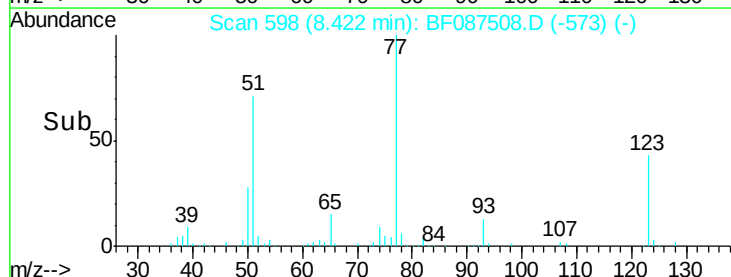
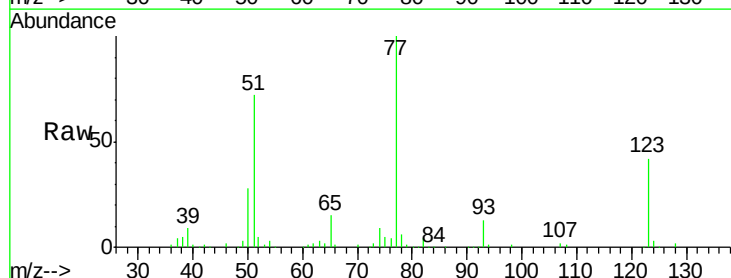
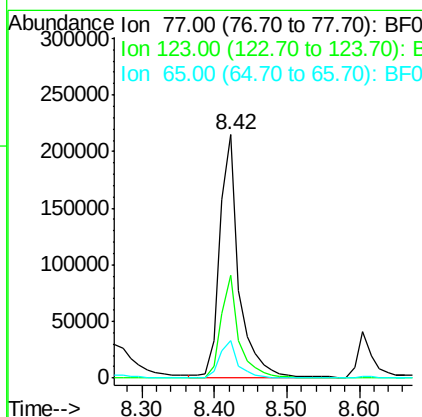
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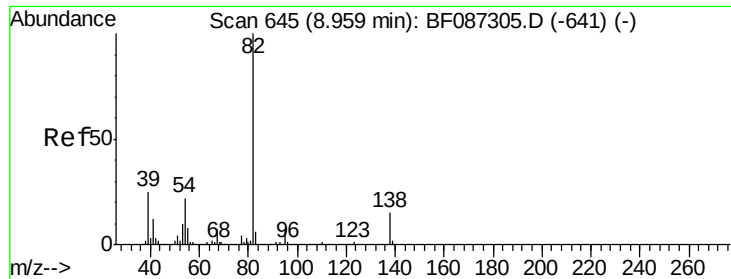
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#24
 Nitrobenzene
 Concen: 45.65 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	388514		
123	42.5	33.0	49.4	
65	15.2	10.8	16.2	





#25

Isophorone

Concen: 46.46 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF087508.D

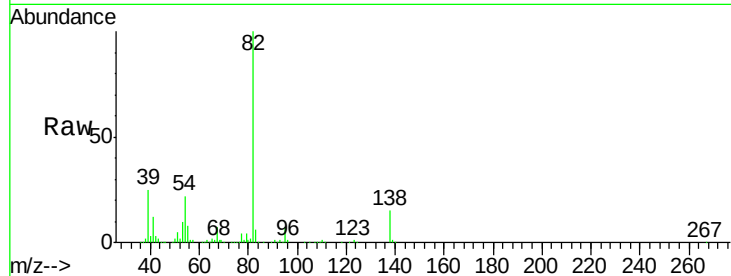
Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampleId :

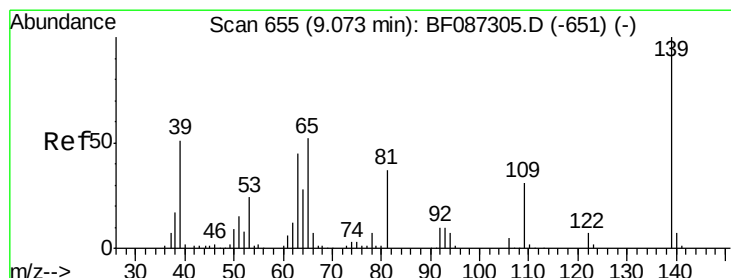
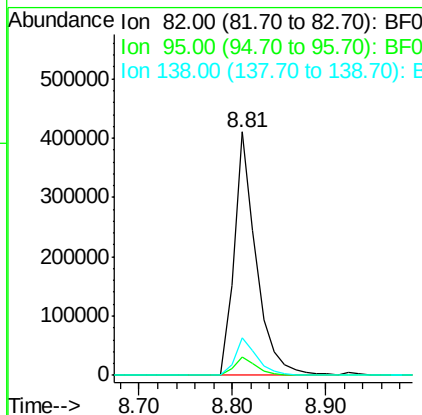
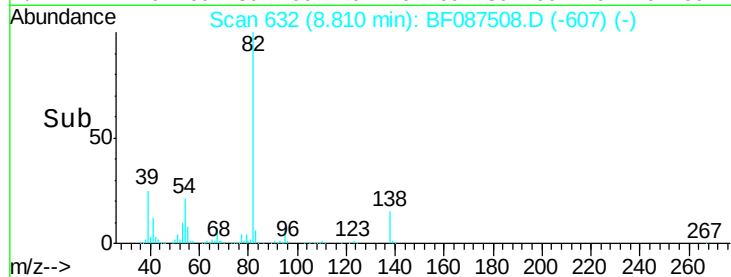
MW-11BMSD



Tgt Ion	82	95	138
Ratio	100	7.4	15.3
Resp: Lower	671866	5.1	12.4
Upper		7.7	18.6

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#26

2-Nitrophenol

Concen: 45.78 ng

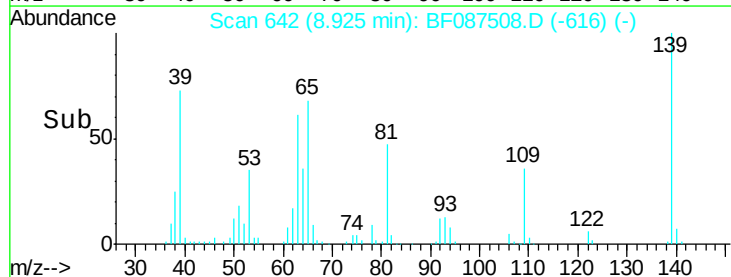
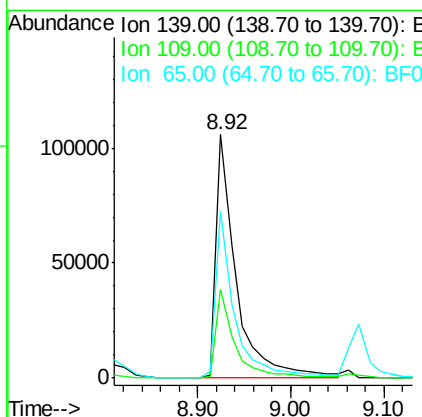
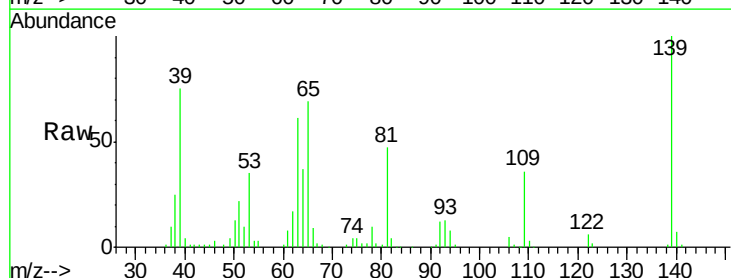
RT: 8.92 min Scan# 642

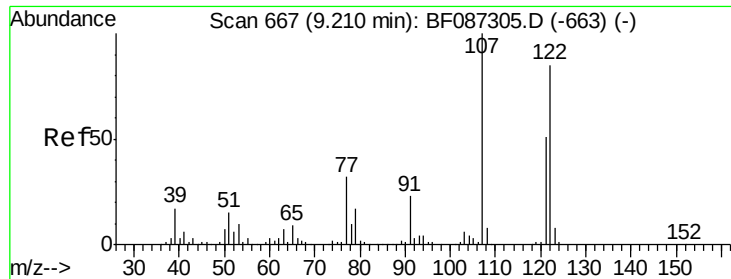
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion	139	109	65
Ratio	100	36.3	68.5
Resp: Lower	159281	19.5	37.5
Upper		29.3#	56.3#





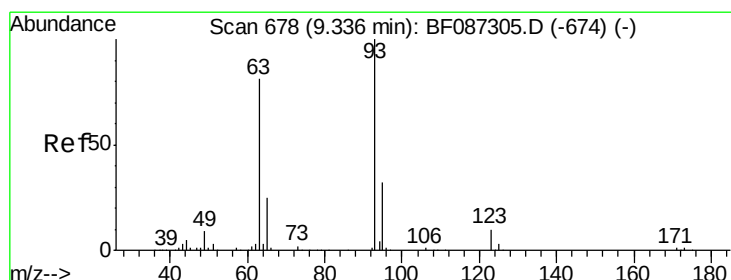
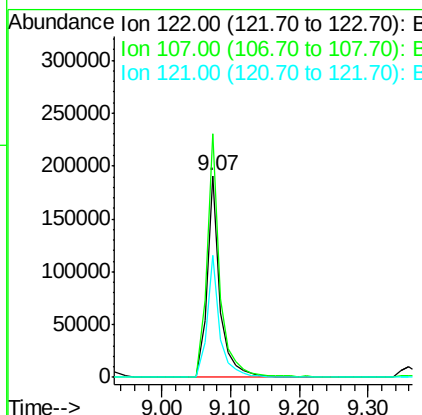
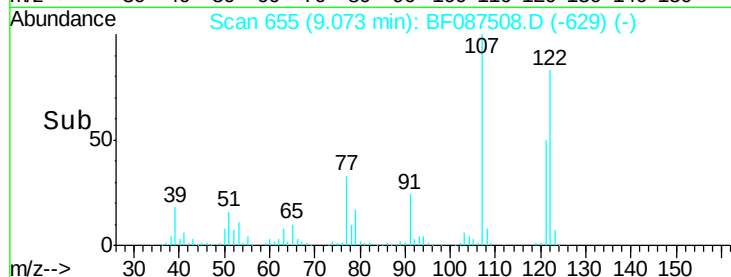
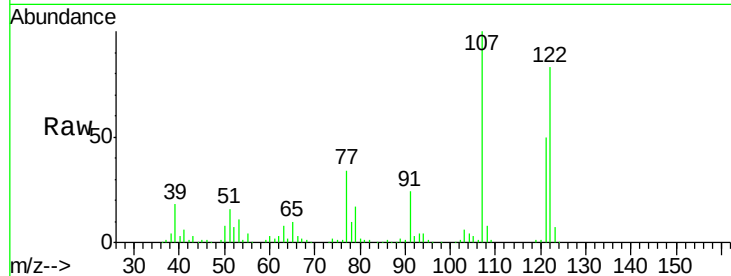
#27
 2,4-Dimethylphenol
 Concen: 40.72 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	245887		
107	120.6	82.0	123.0	
121	60.4	46.1	69.1	

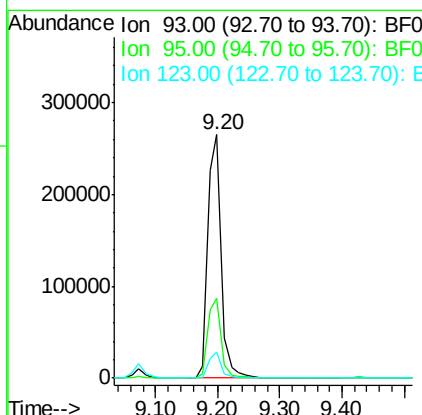
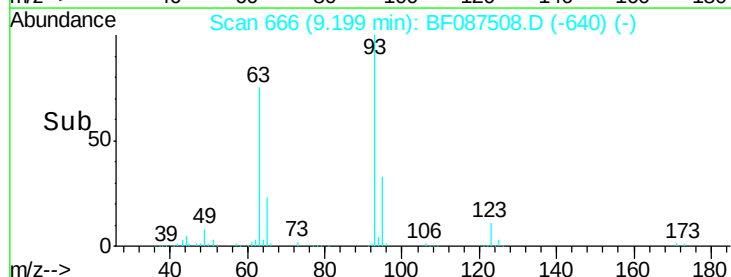
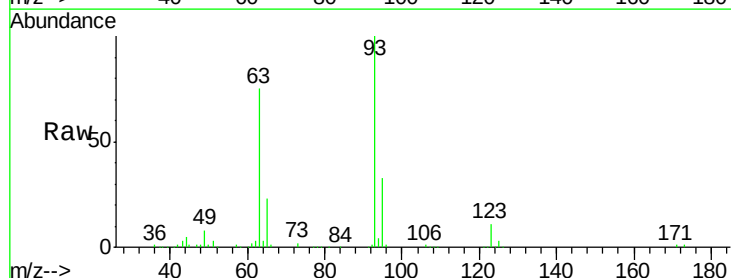
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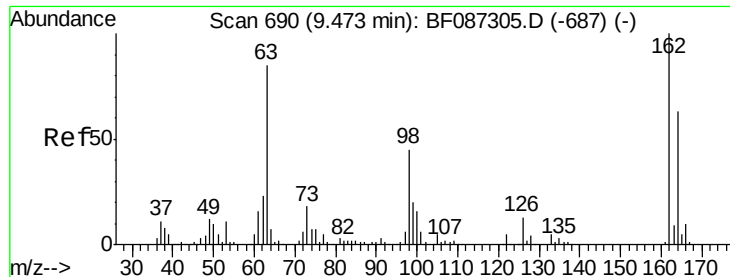
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.51 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	395131		
95	32.9	26.0	39.0	
123	10.6	9.5	14.3	





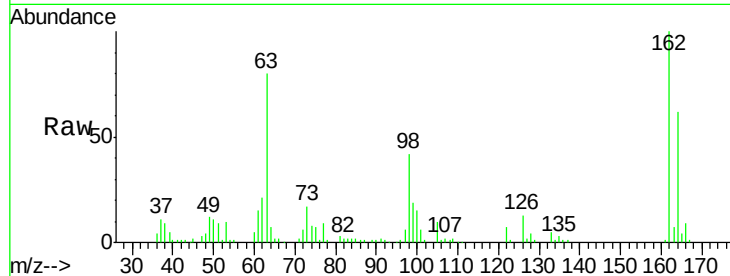
#29
 2,4-Dichlorophenol
 Concen: 45.43 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

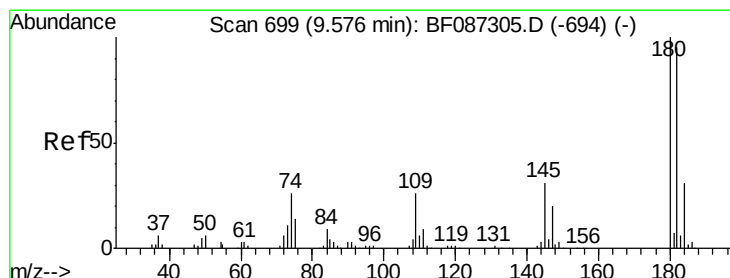
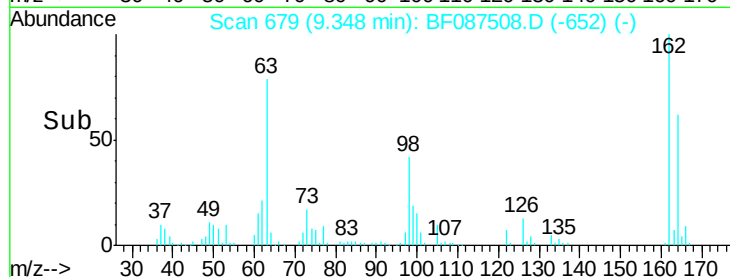
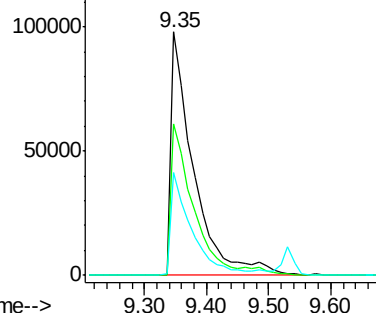
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	42.2	82.2
98	42.1	19.0	59.0

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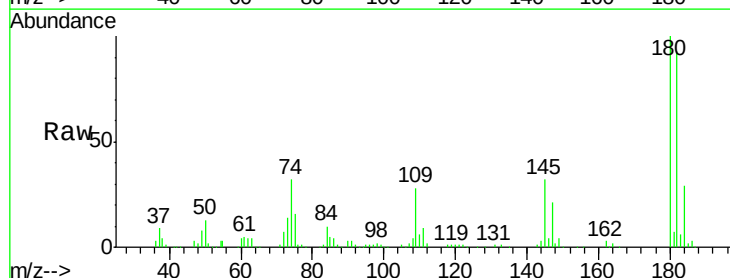


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

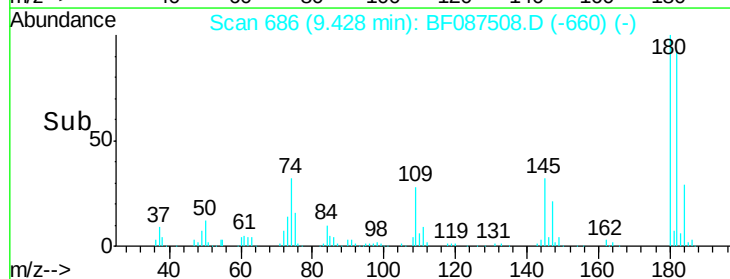
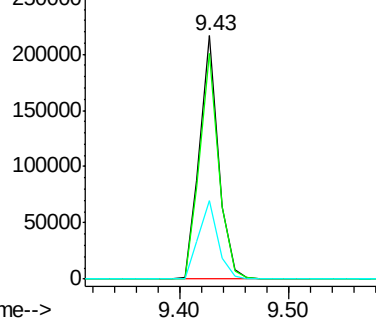


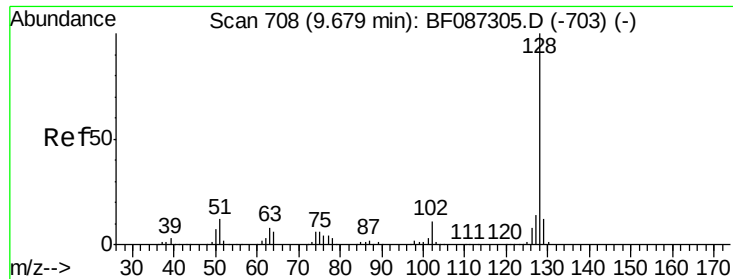
#30
 1,2,4-Trichlorobenzene
 Concen: 41.95 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.6	78.0	117.0
145	32.1	24.2	36.2



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





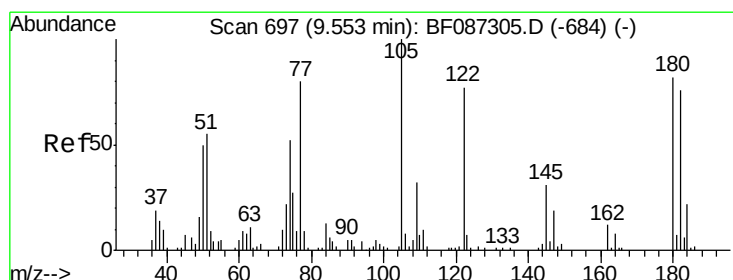
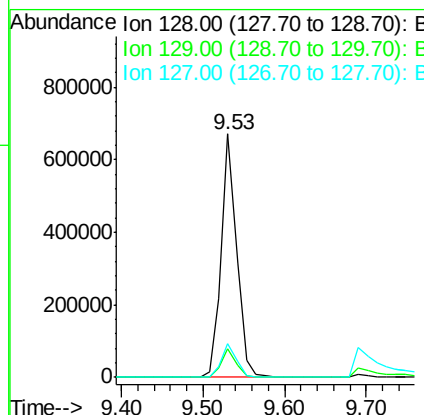
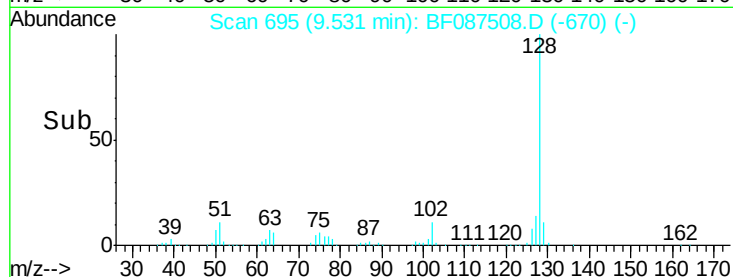
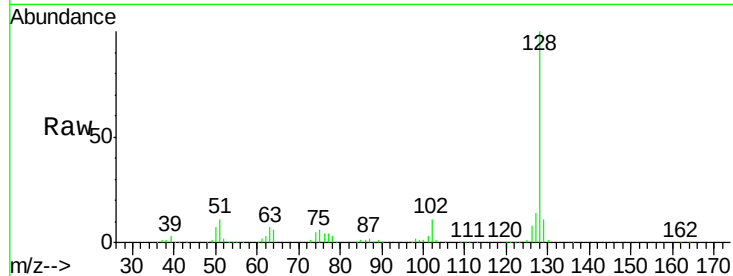
#31
Naphthalene
Concen: 43.32 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	882102		
129	11.5	8.6	13.0	
127	13.7	10.8	16.2	

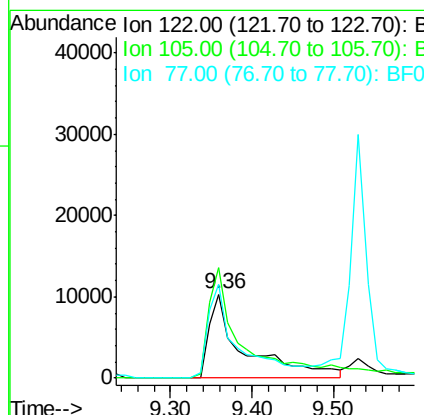
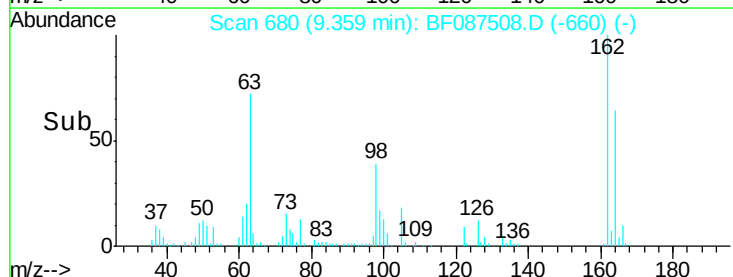
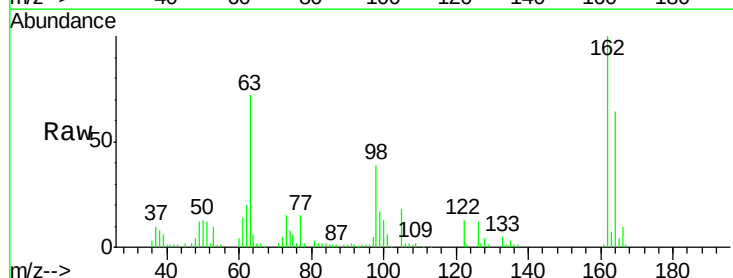
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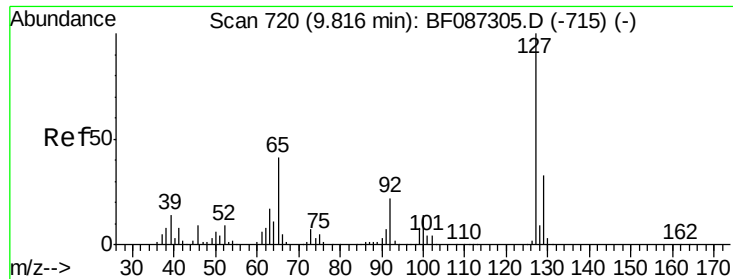
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#32
Benzoic acid
Concen: 14.65 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.07 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	31253		
105	131.2	92.6	132.6	
77	111.6	60.0	100.0	





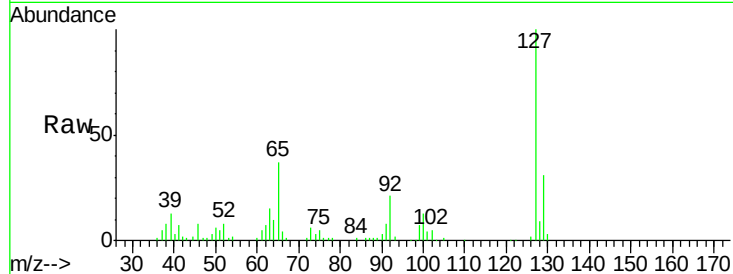
#33
 4-Chloroaniline
 Concen: 27.93 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampled :
 MW-11BMSD

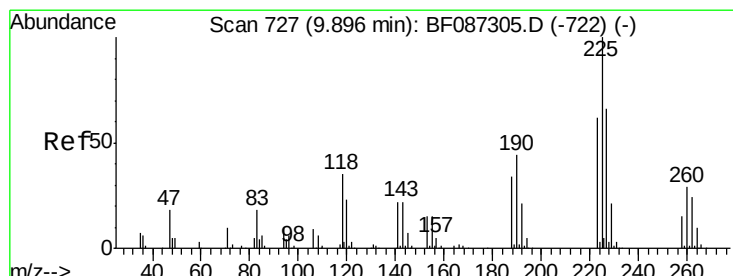
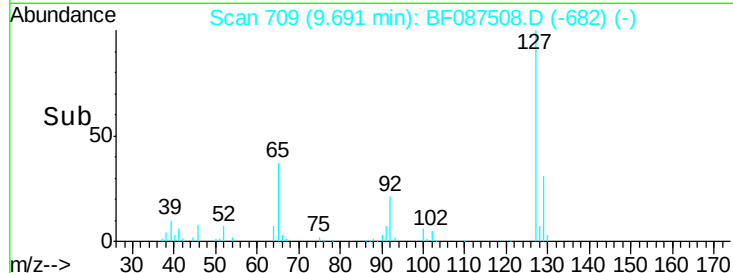
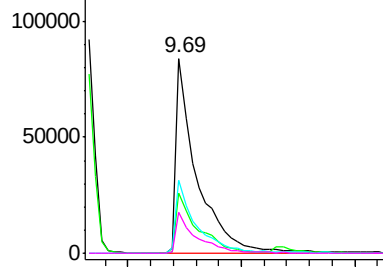
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	209448		
129	31.2	26.2	39.4	
65	37.5	23.0	34.4	
92	20.9	15.1	22.7	

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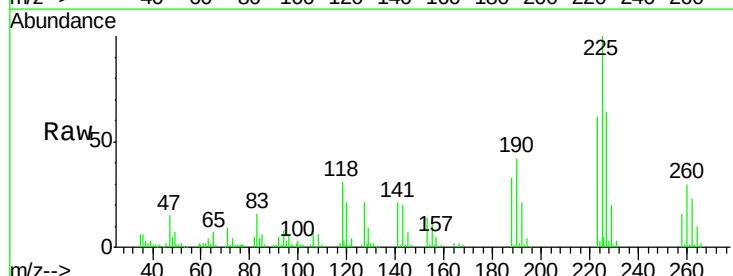


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

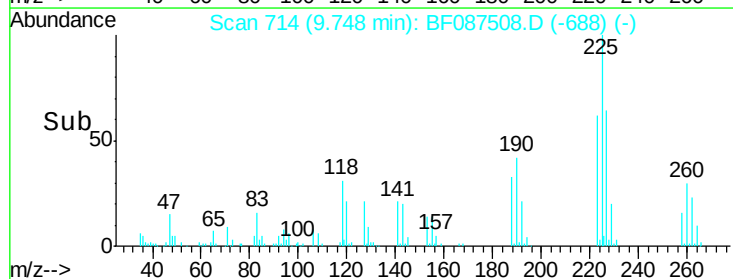
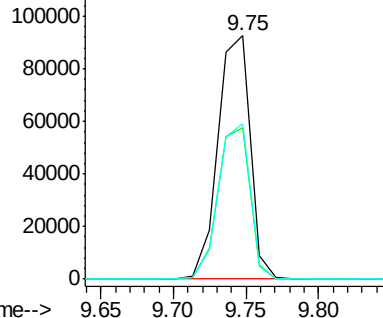


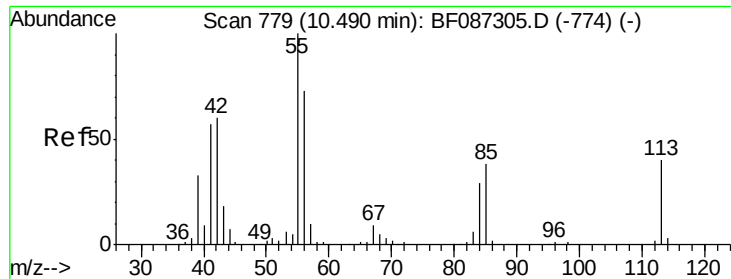
#34
 Hexachlorobutadiene
 Concen: 37.70 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142769		
223	62.2	51.5	77.3	
227	63.7	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





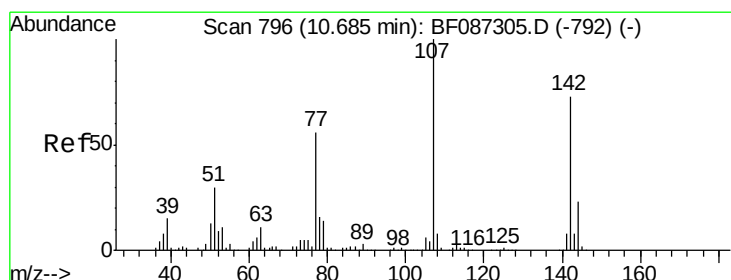
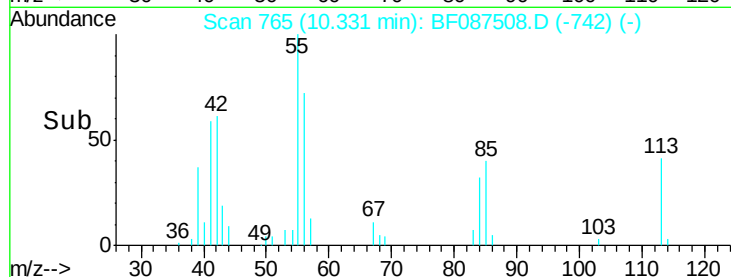
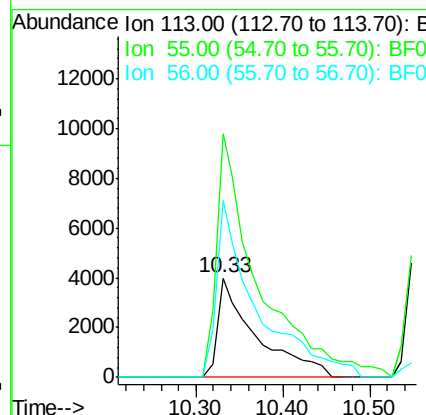
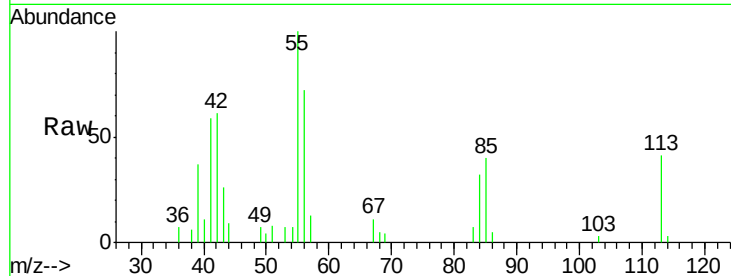
#35
 Caprolactam
 Concen: 7.70 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion:113 Resp: 12236
 Ion Ratio Lower Upper
 113 100
 55 244.7 162.0 202.0#
 56 177.4 115.3 155.3#

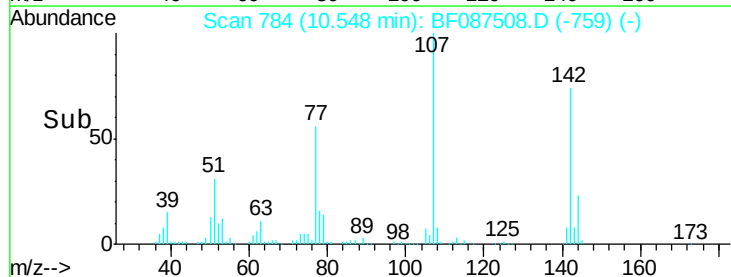
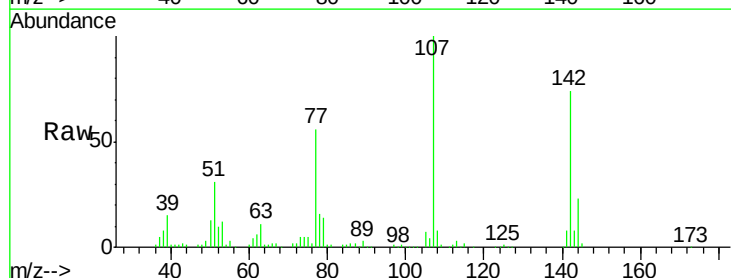
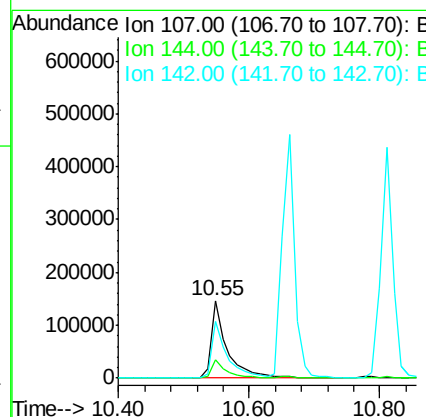
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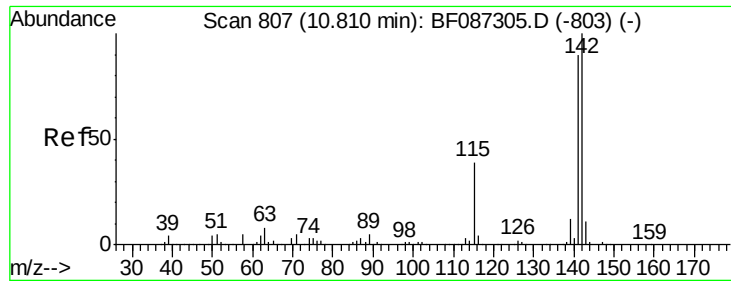
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#36
 4-Chloro-3-methylphenol
 Concen: 40.63 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion:107 Resp: 249984
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.7 31.1
 142 73.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 47.22 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF087508.D

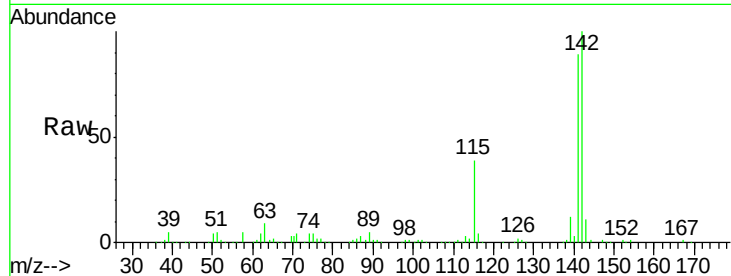
Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampleId :

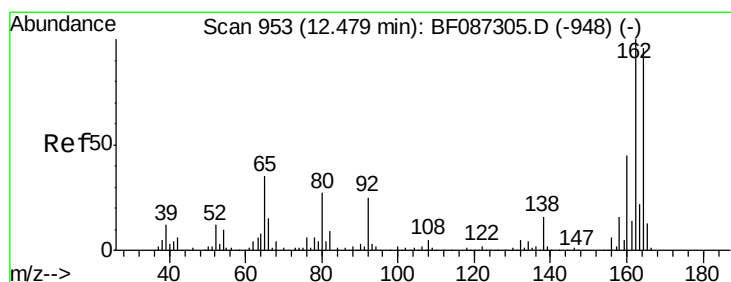
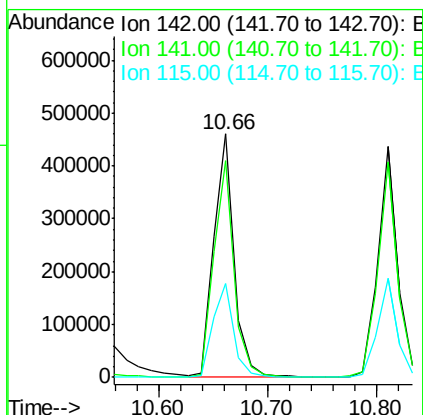
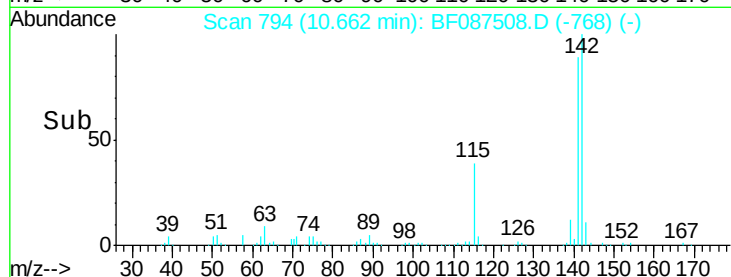
MW-11BMSD



Tgt Ion:	142	Resp:	600615
Ion Ratio		Lower	Upper
142	100		
141	89.0	71.0	106.6
115	38.7	26.6	39.8

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#38

Acenaphthene-d10

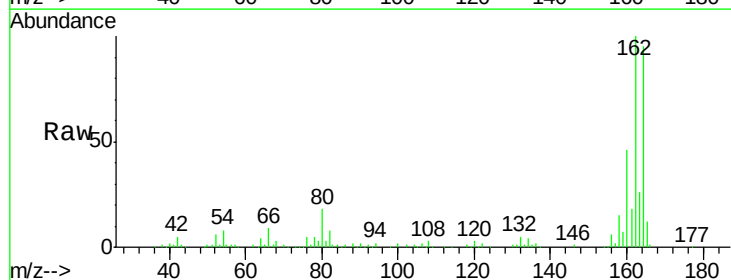
Concen: 20.00 ng

RT: 12.33 min Scan# 940

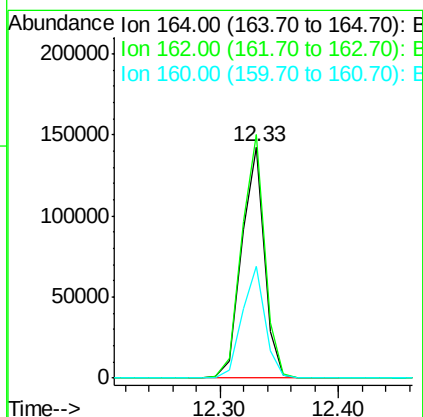
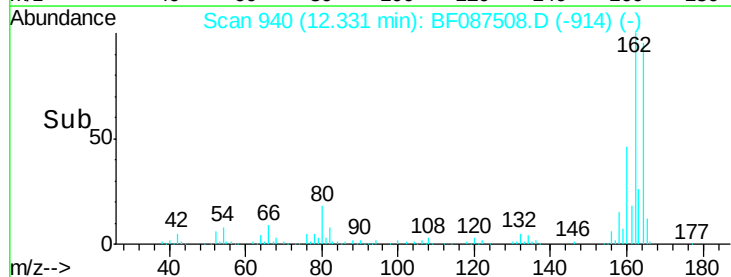
Delta R.T. 0.00 min

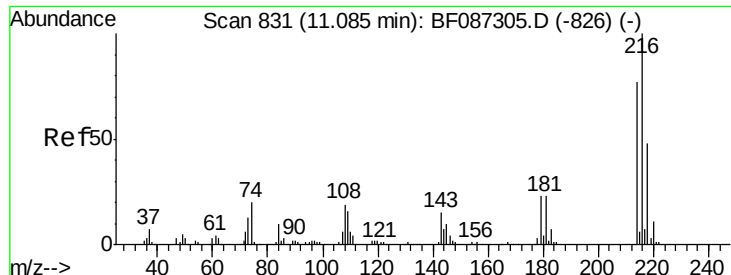
Lab File: BF087508.D

Acq: 29 May 2016 7:44



Tgt Ion:	164	Resp:	189872
Ion Ratio		Lower	Upper
164	100		
162	105.4	82.8	124.2
160	48.5	36.9	55.3





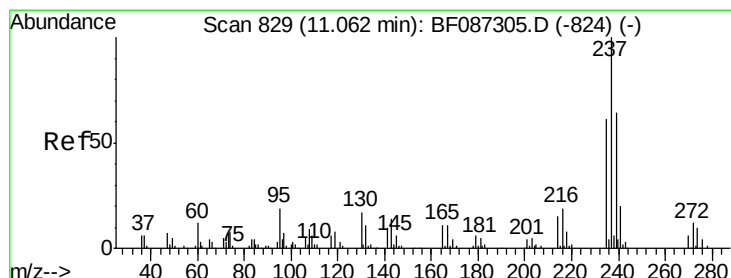
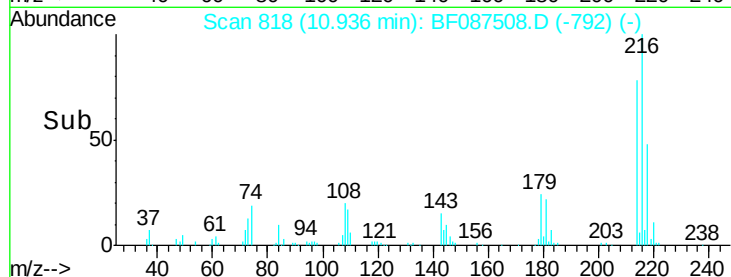
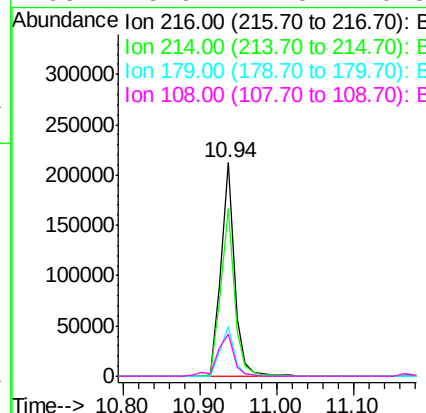
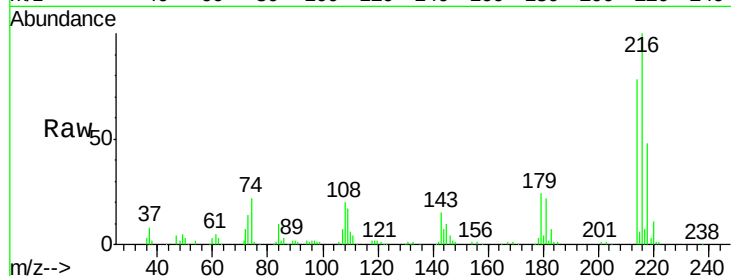
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.27 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	263013		
214	79.7	62.6	93.8	
179	23.8	18.2	27.4	
108	23.9	17.5	26.3	

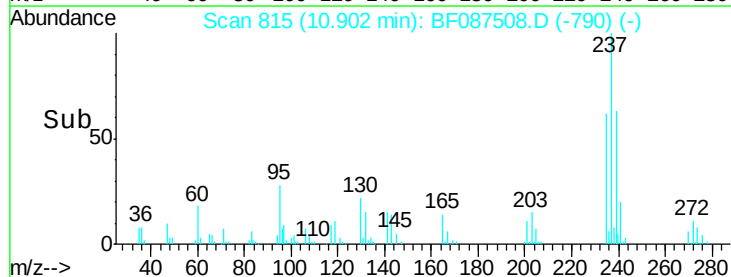
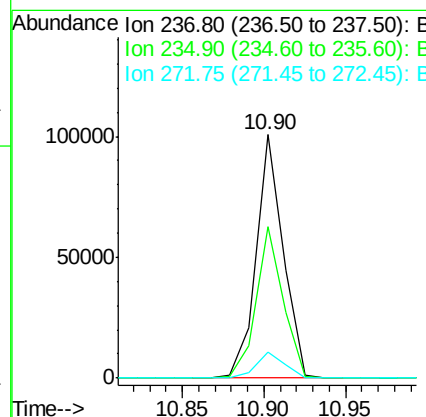
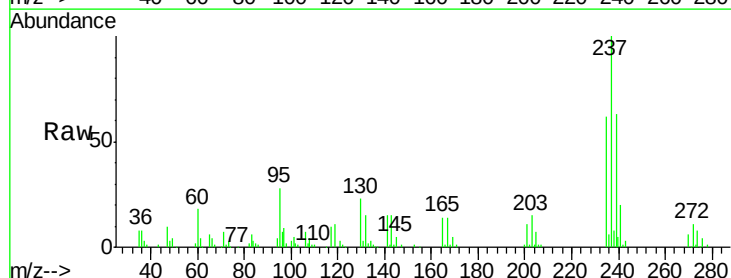
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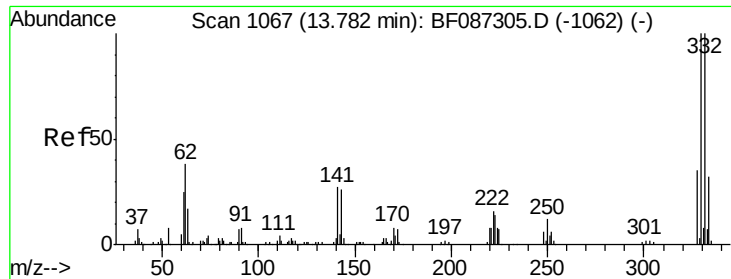
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#40
Hexachlorocyclopentadiene
Concen: 50.20 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	115562		
235	62.1	47.2	87.2	
272	10.9	0.0	31.1	





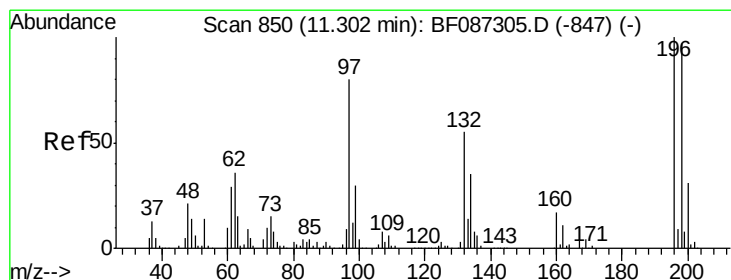
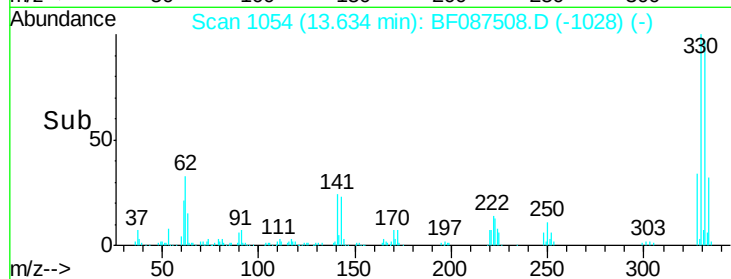
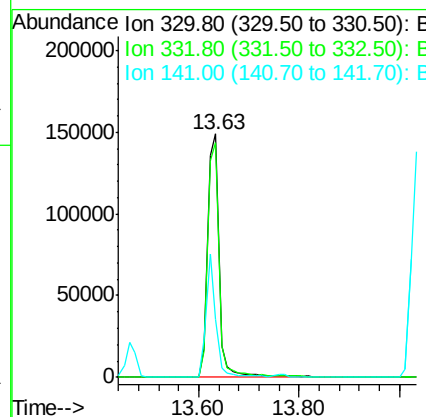
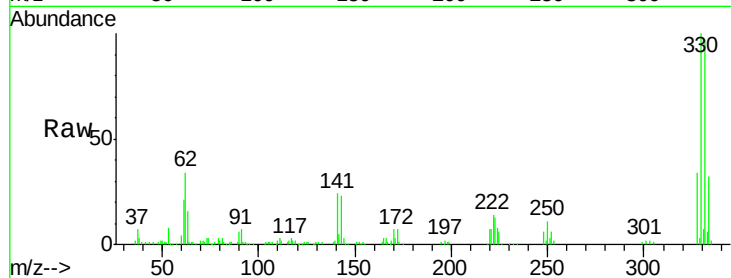
#41
 2,4,6-Tribromophenol
 Concen: 132.12 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	241074		
332	96.7	79.0	118.4	
141	42.2	31.2	46.8	

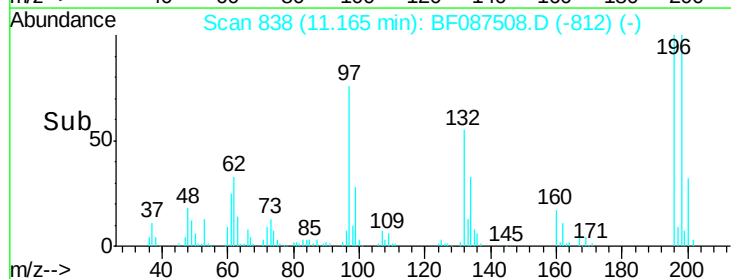
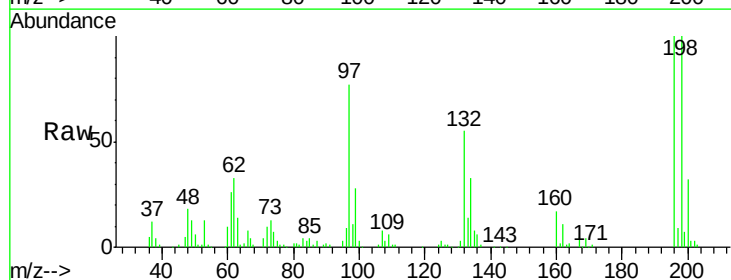
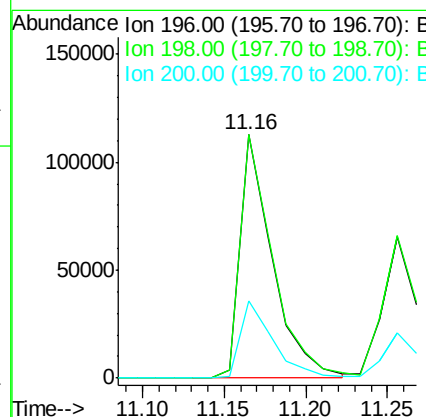
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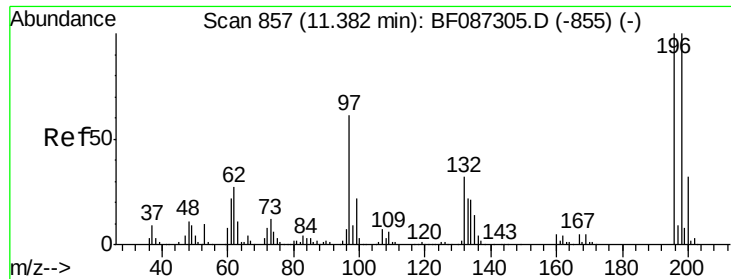
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#42
 2,4,6-Trichlorophenol
 Concen: 43.84 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153810		
198	100.1	74.7	112.1	
200	31.7	23.8	35.6	





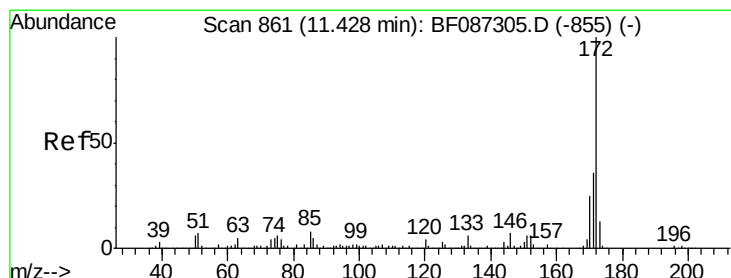
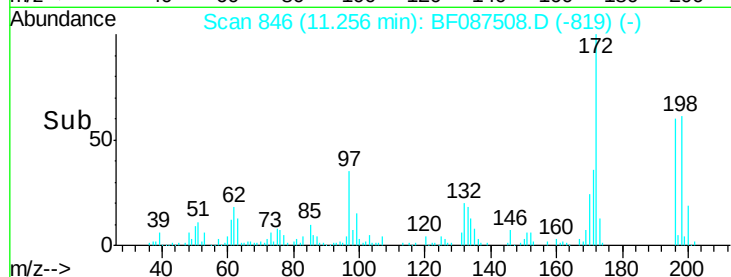
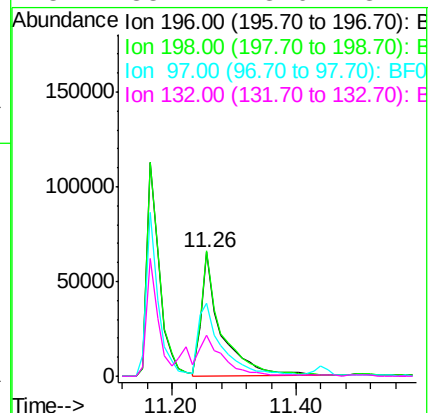
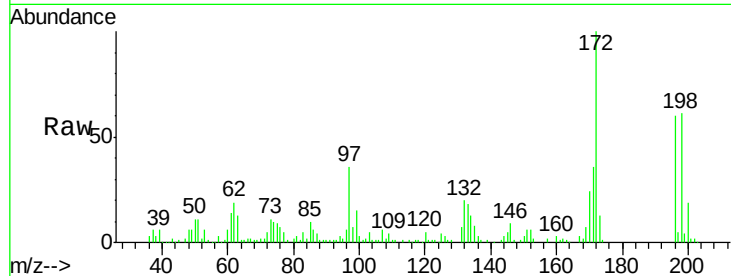
#43
 2,4,5-Trichlorophenol
 Concen: 40.19 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion:	196	Resp:	143574
Ion Ratio	Lower	Upper	
196	100		
198	100.8	77.5	116.3
97	59.2	34.8	52.2#
132	33.4	23.0	34.4

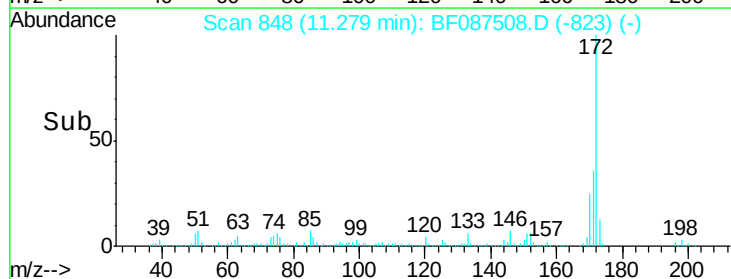
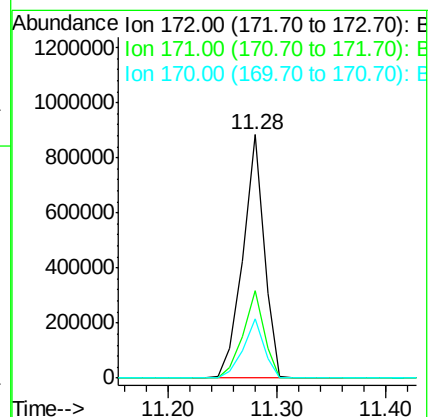
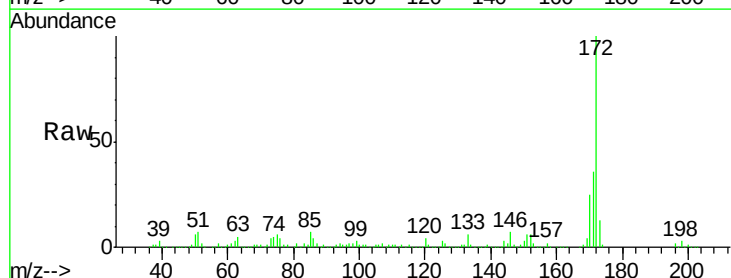
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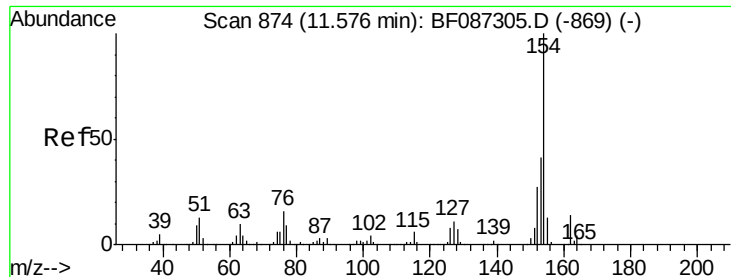
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#44
 2-Fluorobiphenyl
 Concen: 88.75 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion:	172	Resp:	1195354
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8





#45

1,1'-Biphenyl

Concen: 46.71 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

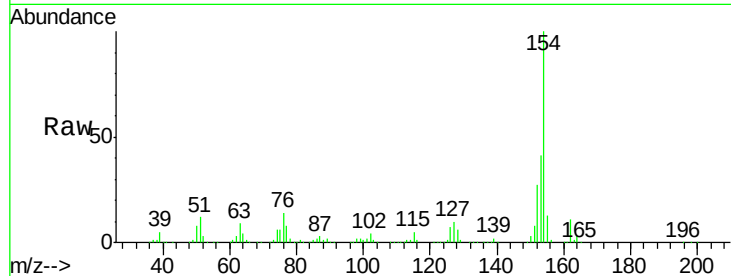
ClientSampleId :

MW-11BMSD

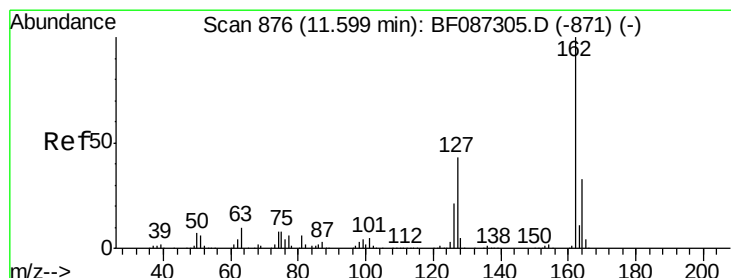
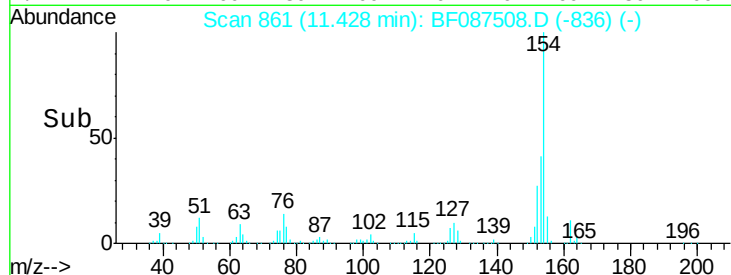
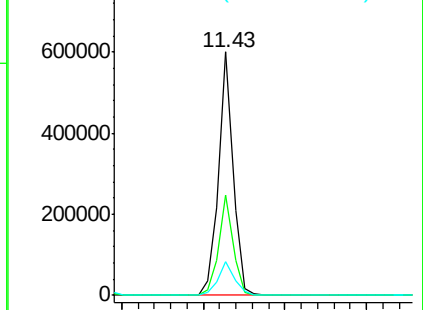
Tgt Ion:	154	Resp:	746736
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	13.6	0.0	30.2

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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: 45.03 ng

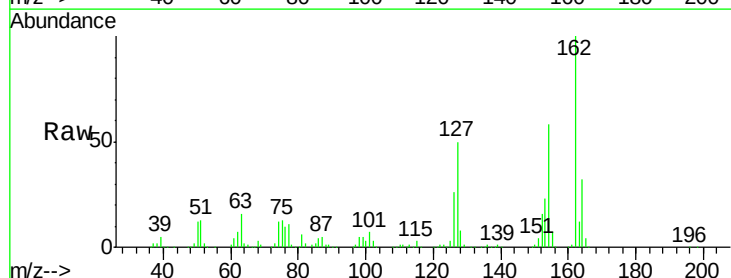
RT: 11.44 min Scan# 862

Delta R.T. -0.01 min

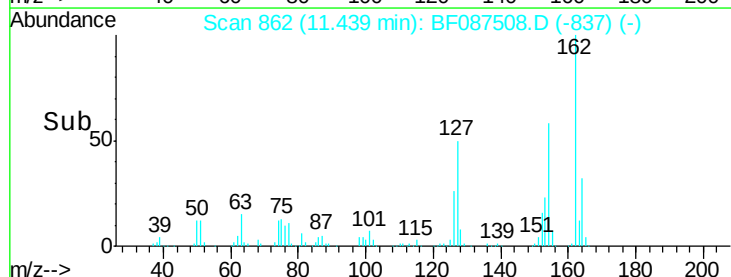
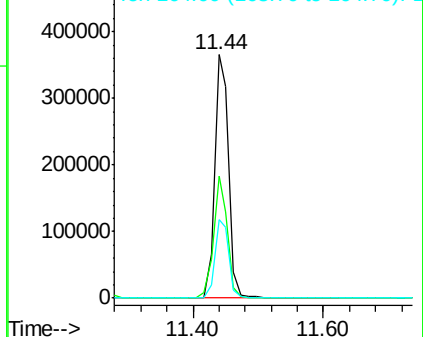
Lab File: BF087508.D

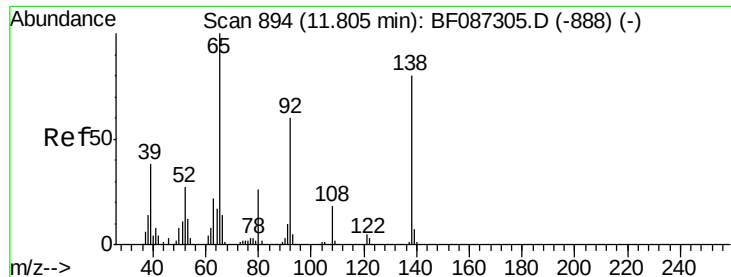
Acq: 29 May 2016 7:44

Tgt Ion:	162	Resp:	550788
Ion Ratio	Lower	Upper	
162	100		
127	50.2	31.8	47.6#
164	32.1	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





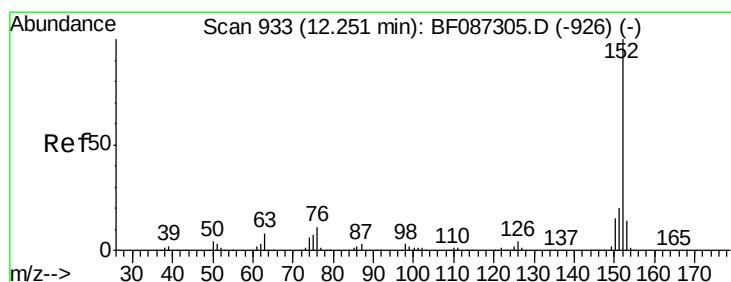
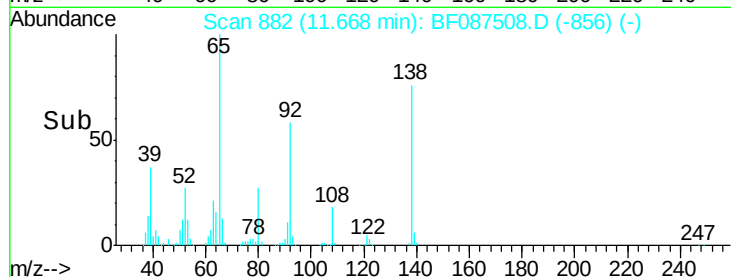
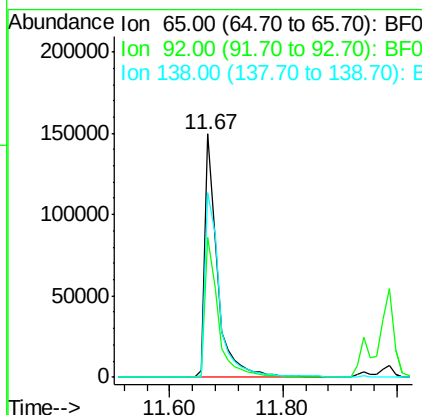
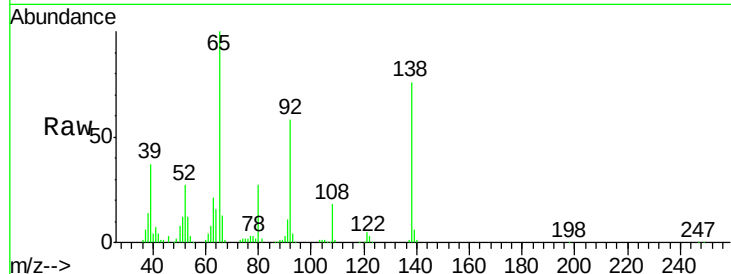
#47
2-Nitroaniline
Concen: 50.02 ng
RT: 11.67 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.7	57.4	86.2
138	75.8	90.1	135.1#

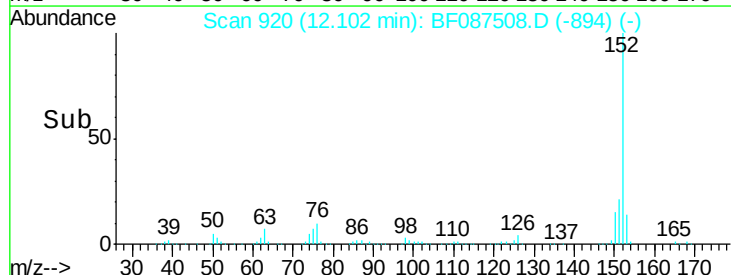
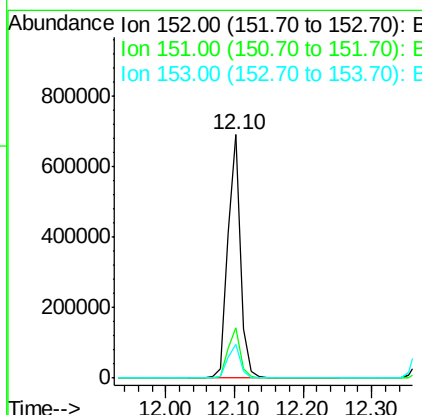
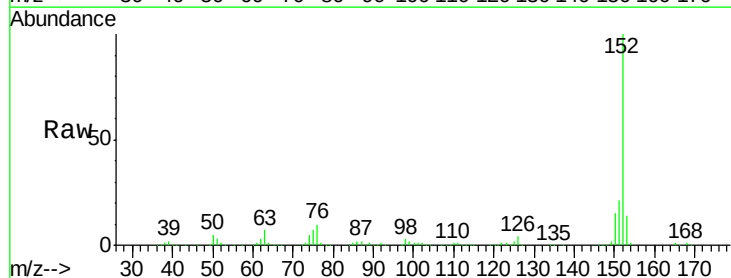
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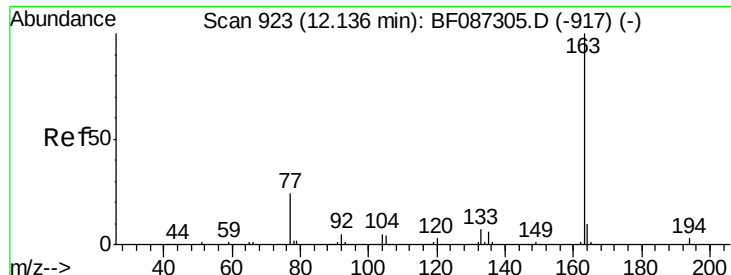
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#48
Acenaphthylene
Concen: 46.19 ng
RT: 12.10 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.8	10.9	16.3





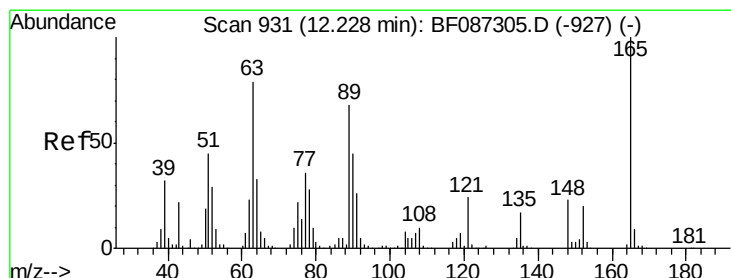
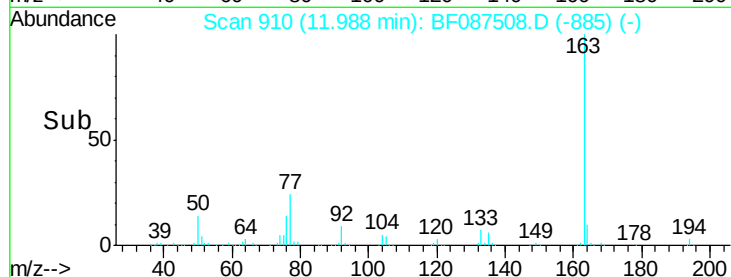
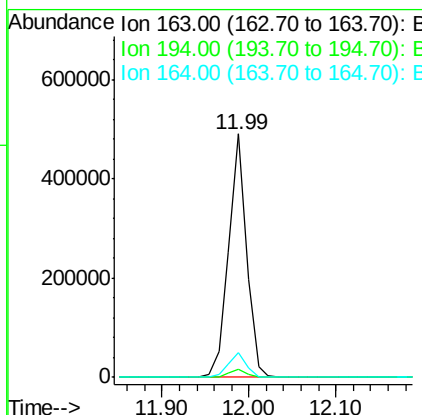
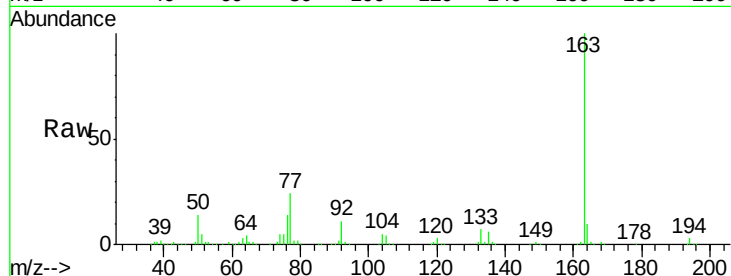
#49
Dimethylphthalate
Concen: 46.13 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.2	12.4

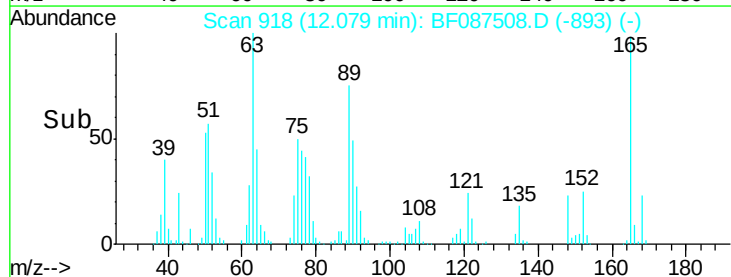
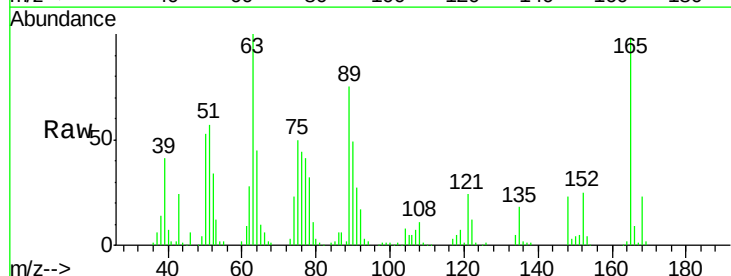
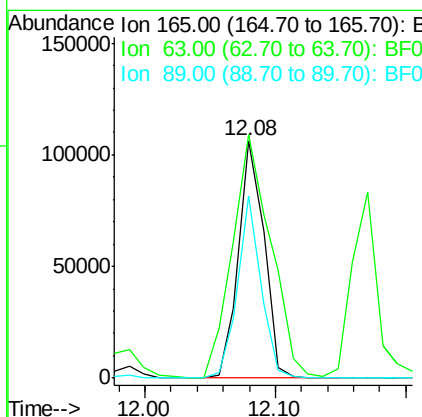
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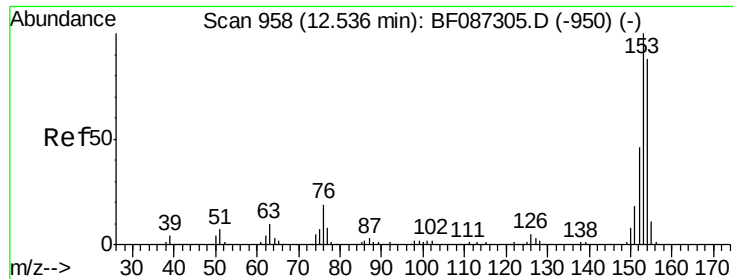
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#50
2,6-Dinitrotoluene
Concen: 47.03 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	102.4	51.8	77.8#
89	76.5	50.7	76.1#





#51

Acenaphthene

Concen: 45.29 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087508.D

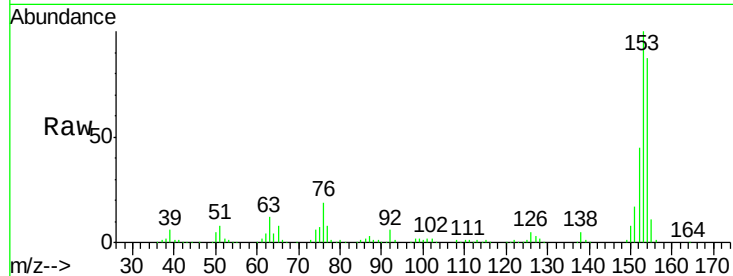
Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampled :

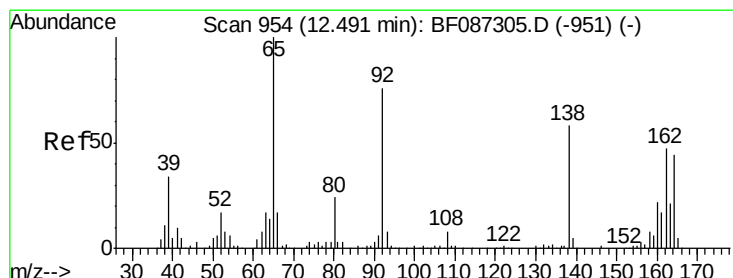
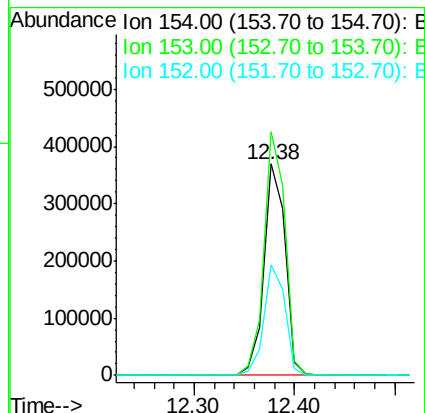
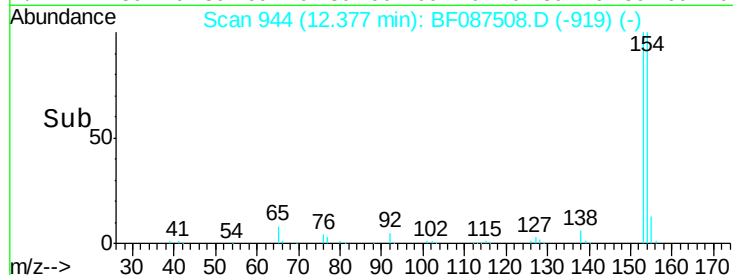
MW-11BMSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.2	539016	89.8	134.6
152	52.1		43.4	65.0

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#52

3-Nitroaniline

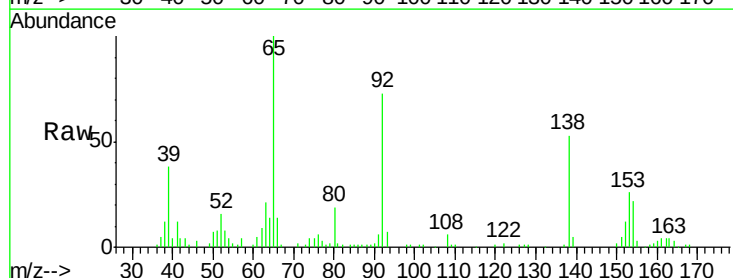
Concen: 27.76 ng

RT: 12.35 min Scan# 942

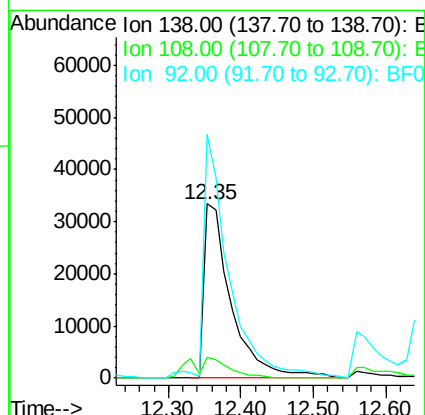
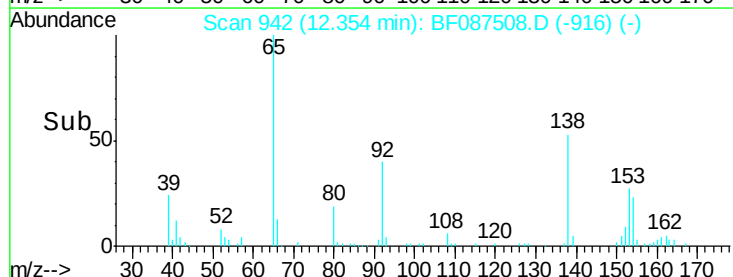
Delta R.T. 0.00 min

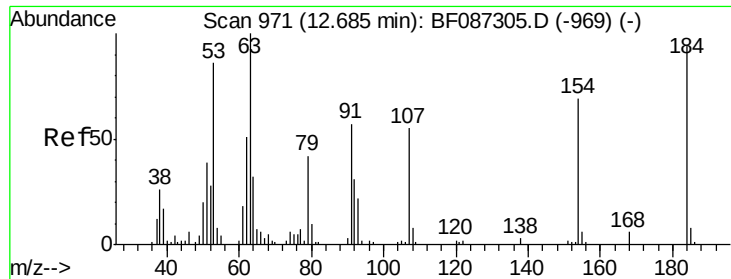
Lab File: BF087508.D

Acq: 29 May 2016 7:44



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.1	87307	7.8	11.6#
92	139.7		87.8	131.8#





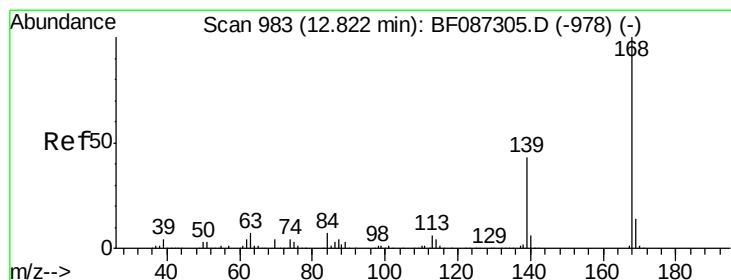
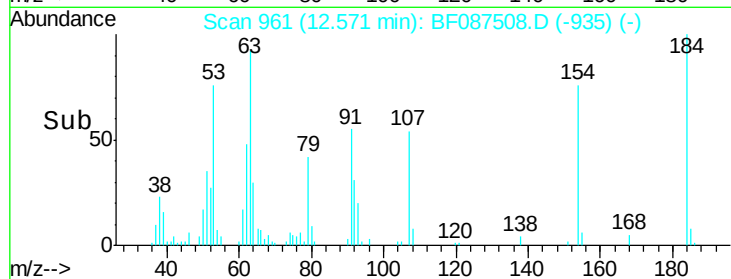
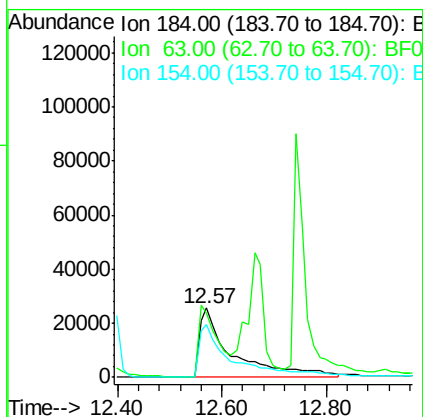
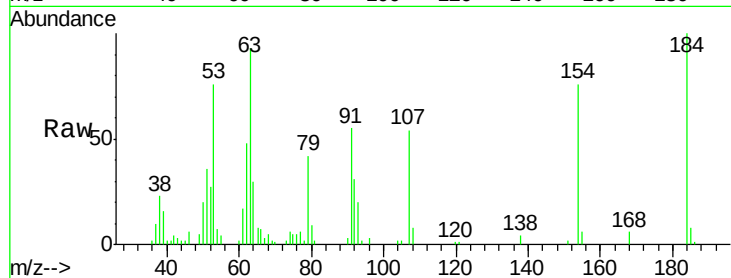
#53
 2,4-Dinitrophenol
 Concen: 71.48 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion:184 Resp: 110925
 Ion Ratio Lower Upper
 184 100
 63 93.2 55.8 83.8#
 154 75.9 62.4 93.6

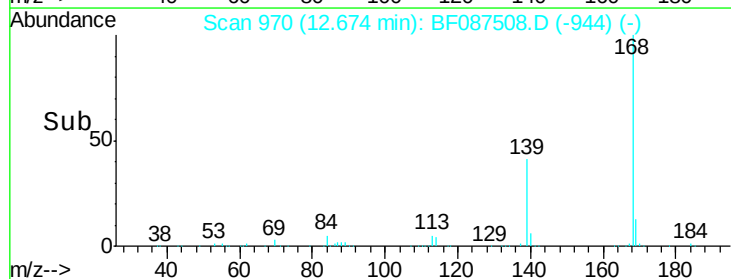
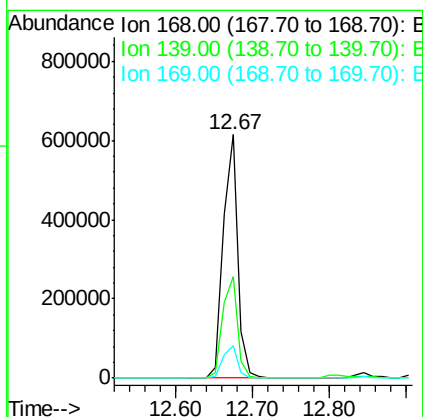
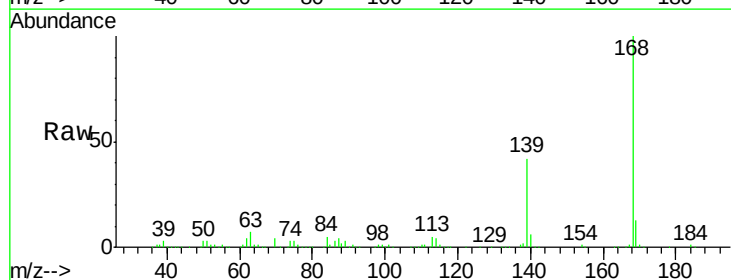
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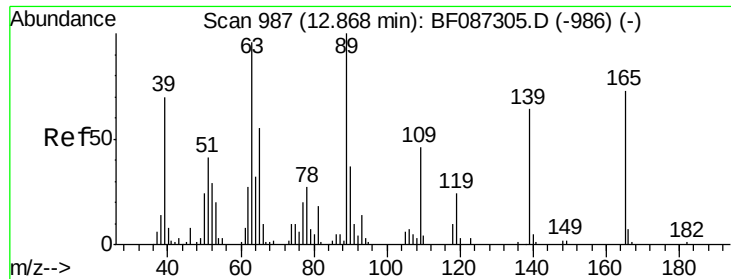
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#54
 Dibenzofuran
 Concen: 50.71 ng
 RT: 12.67 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion:168 Resp: 817126
 Ion Ratio Lower Upper
 168 100
 139 41.7 31.4 47.0
 169 13.1 10.7 16.1





#55

4-Nitrophenol

Concen: 21.18 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.06 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampled :

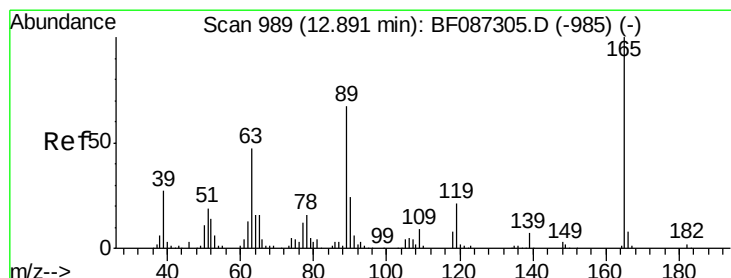
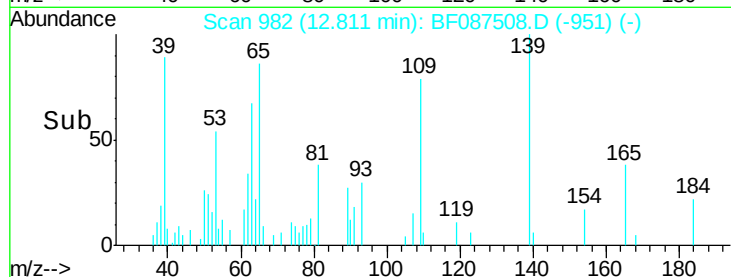
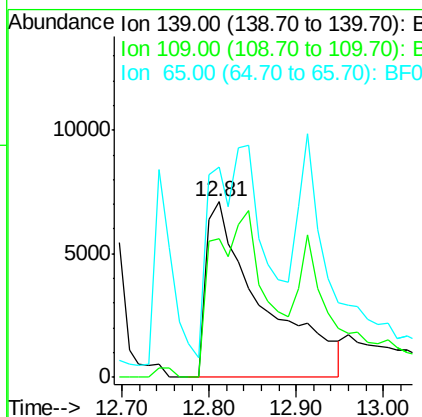
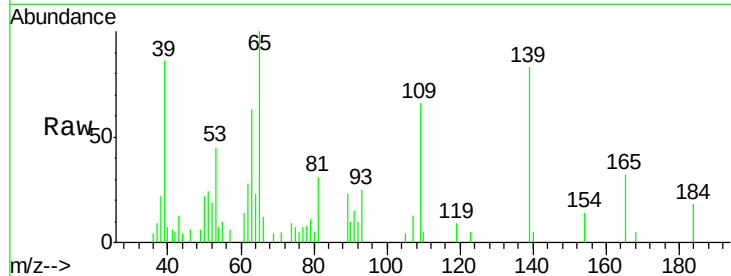
MW-11BMSD

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Tgt Ion:	139	Resp:	31781
Ion Ratio	Lower	Upper	
139	100		
109	78.6	36.9	76.9#
65	119.8	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 50.33 ng

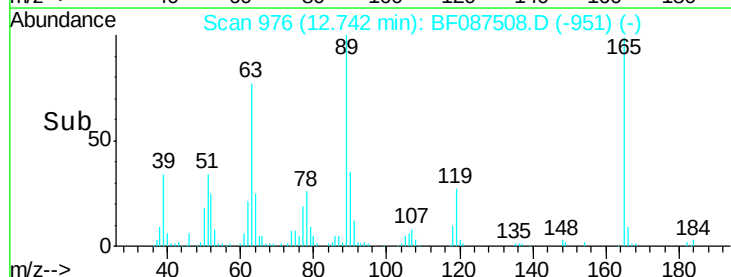
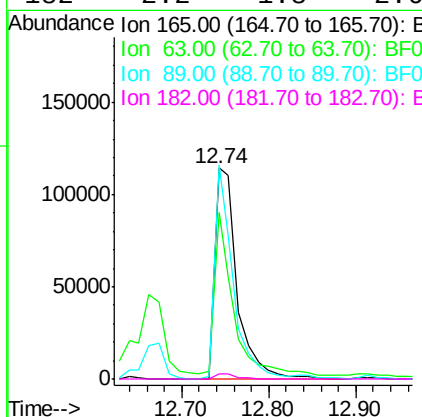
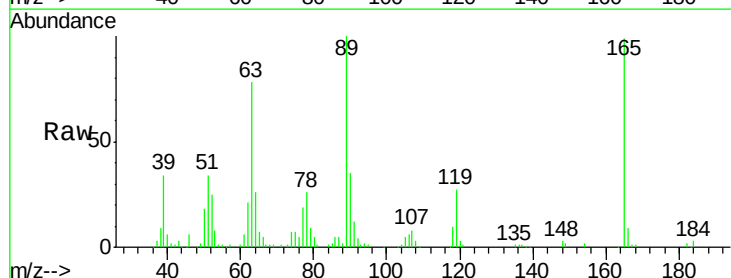
RT: 12.74 min Scan# 976

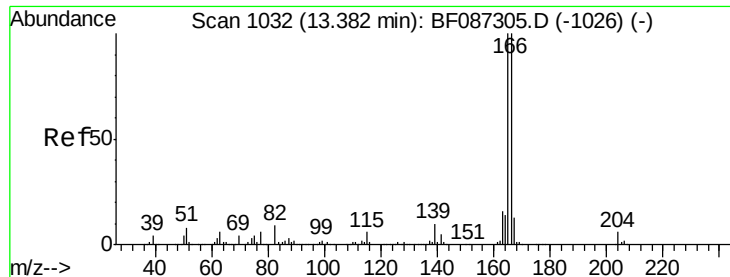
Delta R.T. -0.01 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	165	Resp:	206142
Ion Ratio	Lower	Upper	
165	100		
63	78.7	44.3	66.5#
89	101.2	70.0	105.0
182	2.2	1.8	2.6





#57

Fluorene

Concen: 47.09 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

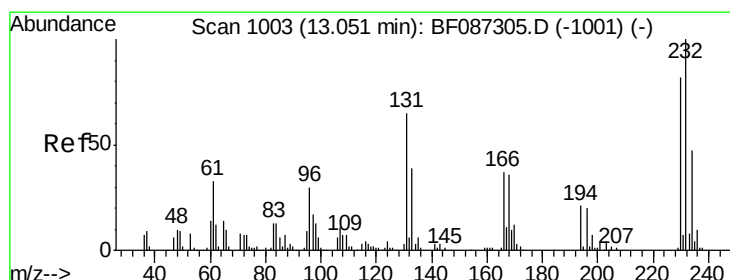
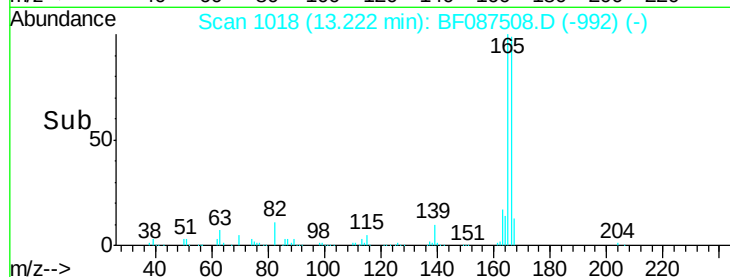
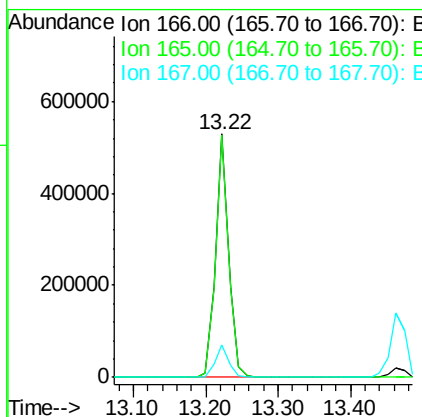
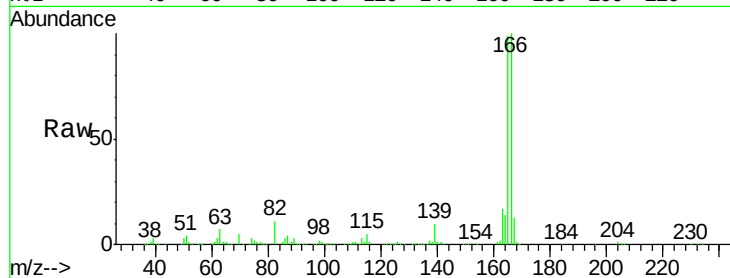
ClientSampleId :

MW-11BMSD

Tgt Ion:	166	Resp:	657968
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.0	118.6
167	13.3	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.21 ng

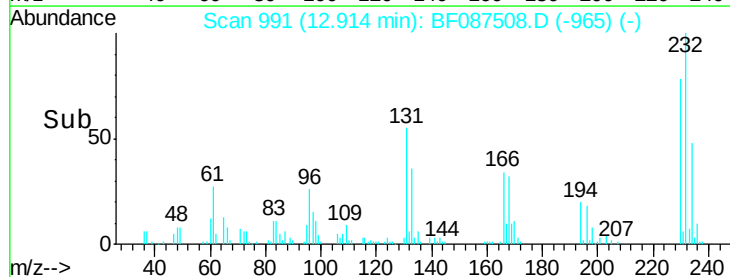
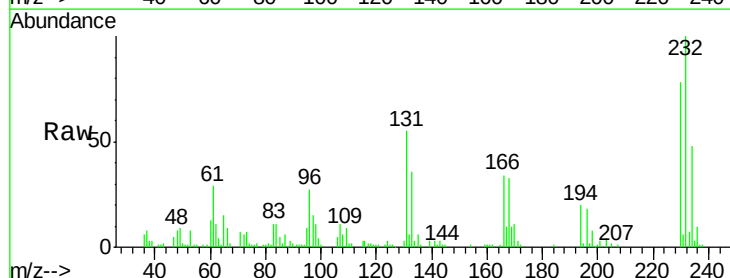
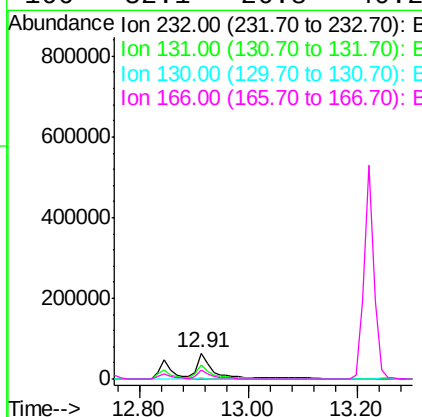
RT: 12.91 min Scan# 991

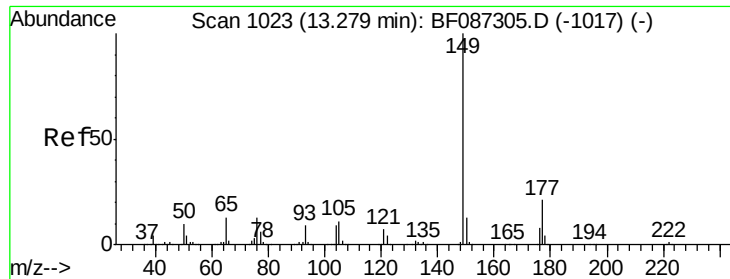
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	232	Resp:	126989
Ion Ratio	Lower	Upper	
232	100		
131	54.2	41.9	62.9
130	2.6	2.2	3.4
166	32.1	26.8	40.2





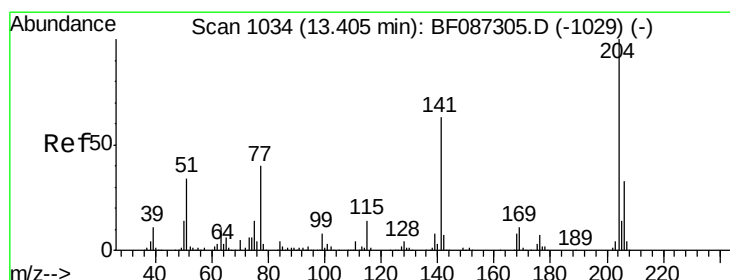
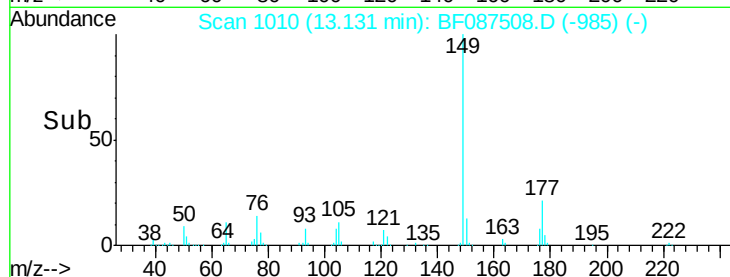
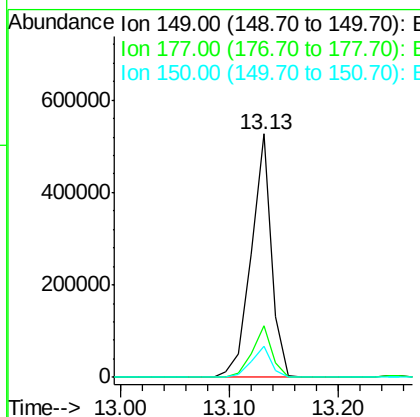
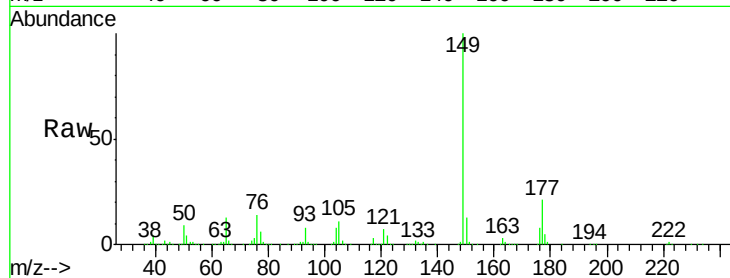
#59
Diethylphthalate
Concen: 46.11 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	681854		
177	21.3	16.6	24.8	
150	12.7	10.0	15.0	

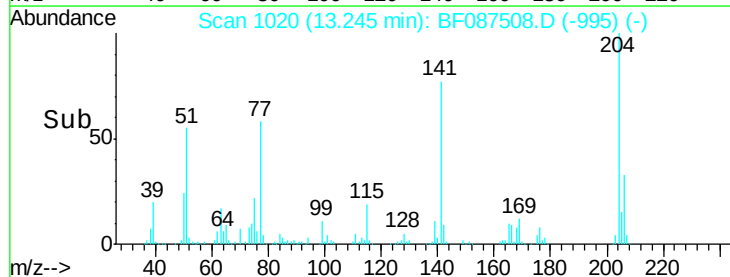
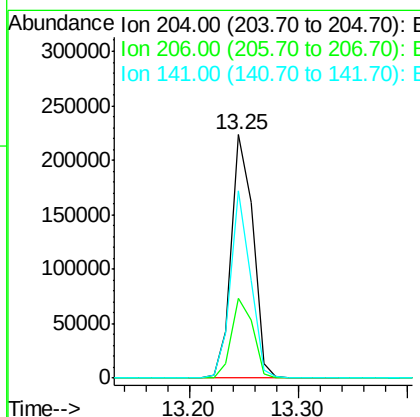
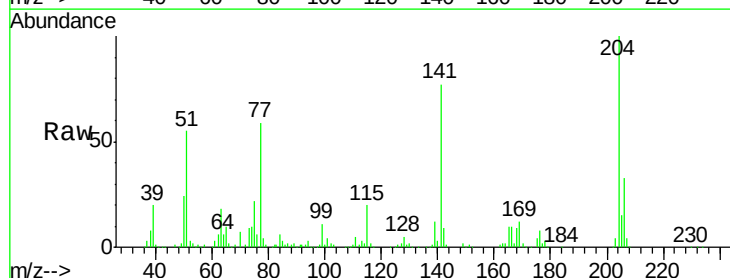
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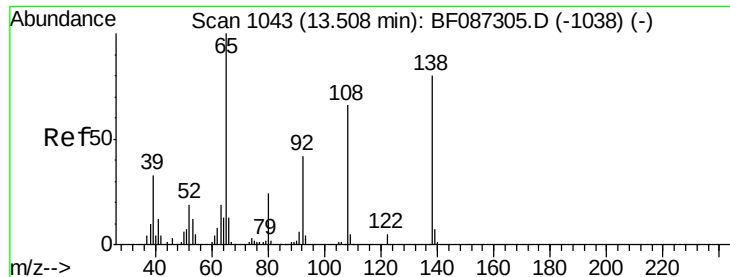
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#60
4-Chlorophenyl-phenylether
Concen: 44.94 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	306225		
206	32.6	25.4	38.0	
141	76.8	61.6	92.4	





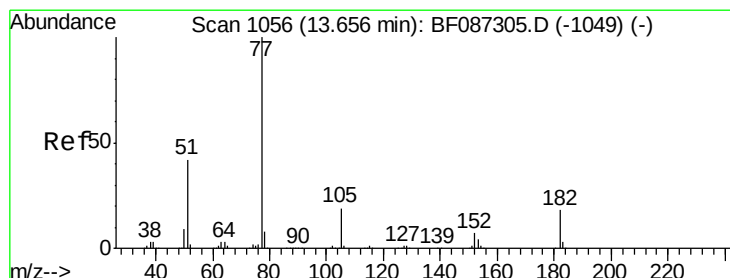
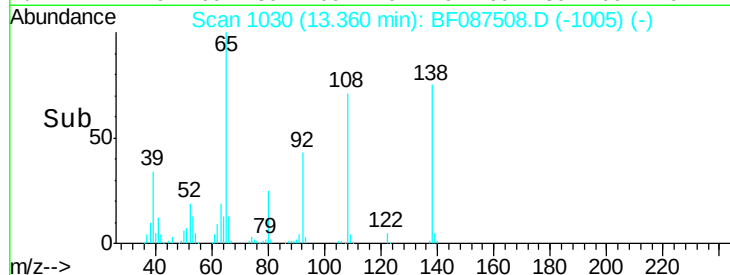
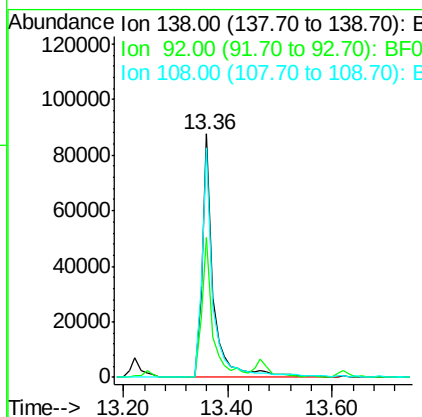
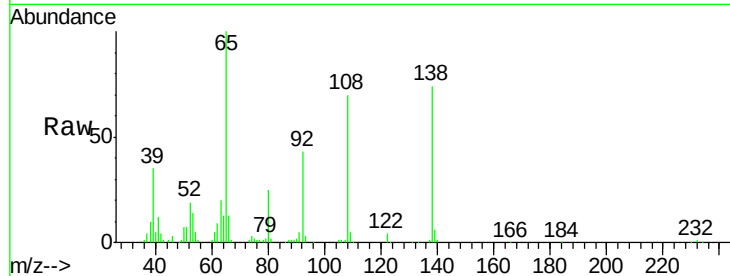
#61
4-Nitroaniline
Concen: 45.01 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	24.7	64.7
108	94.2	37.4	77.4

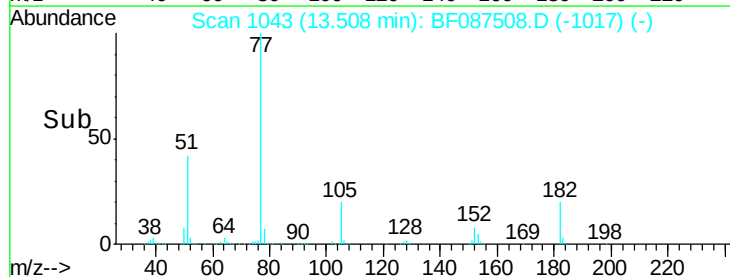
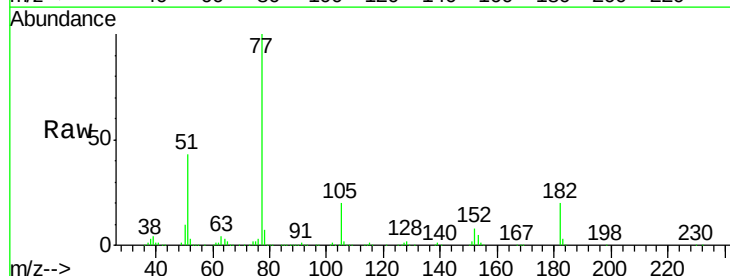
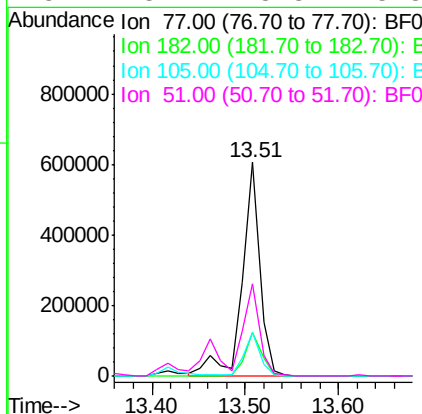
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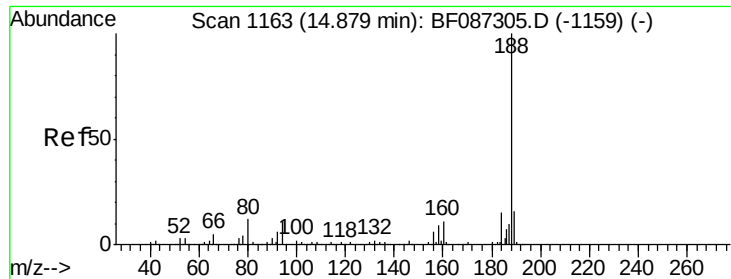
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#62
Azobenzene
Concen: 52.48 ng
RT: 13.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	0.0	38.8
105	20.2	3.2	43.2
51	43.4	8.8	48.8





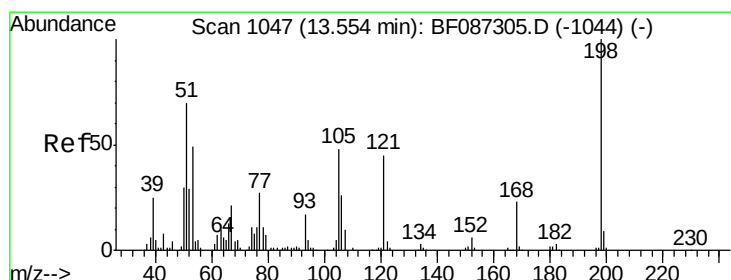
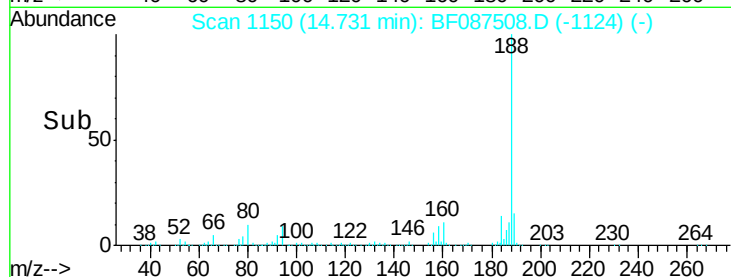
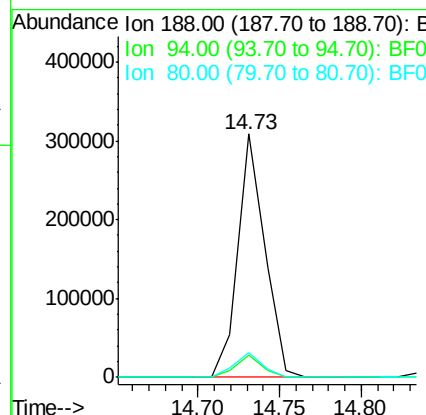
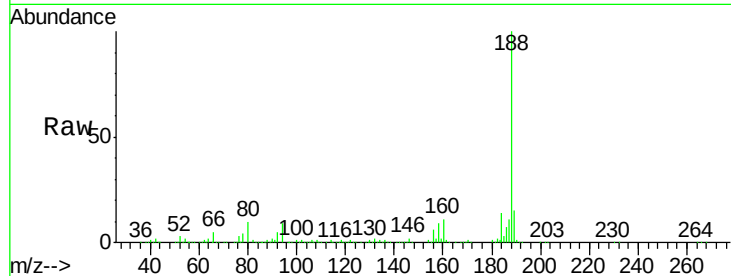
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	6.8	10.2
80	10.3	7.1	10.7

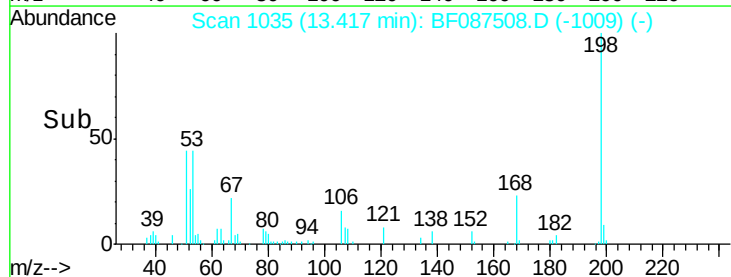
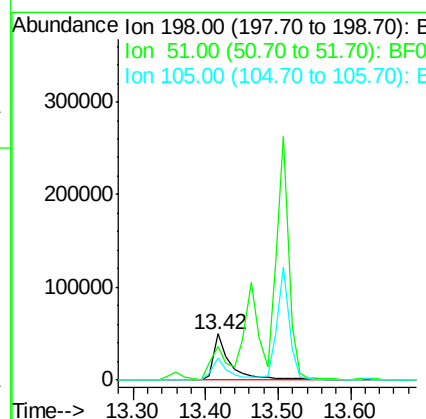
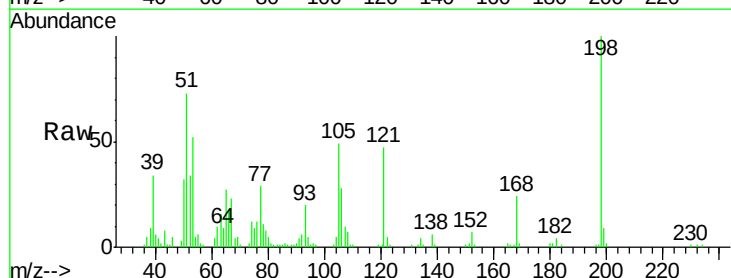
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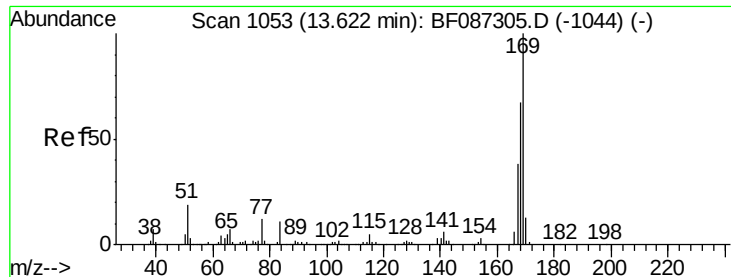
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.41 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	72.9	20.5	60.5#
105	48.5	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 48.29 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

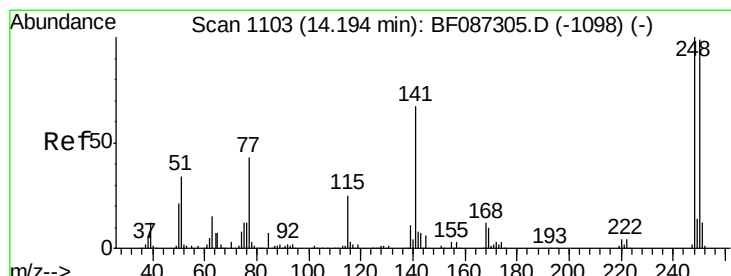
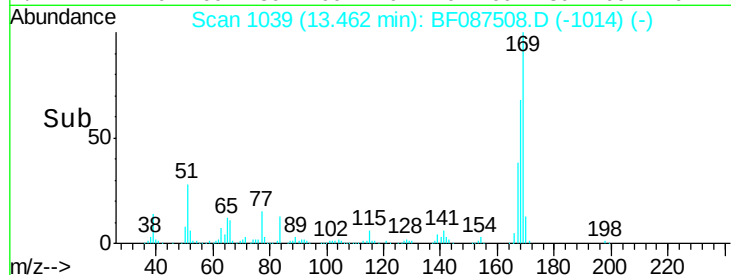
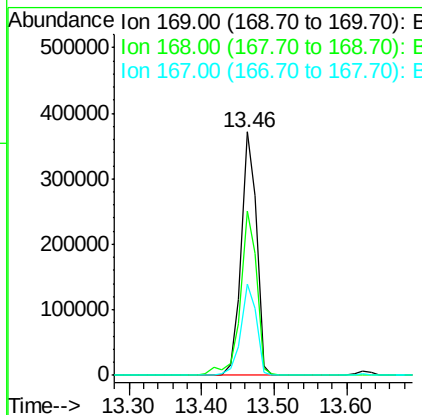
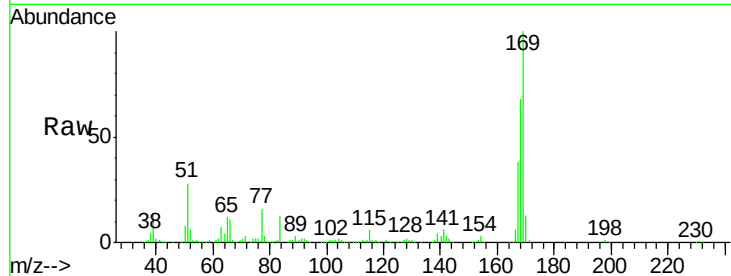
ClientSampleId :

MW-11BMSD

Tgt Ion:	169	Resp:	549787
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.8	80.6
167	37.7	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 45.99 ng

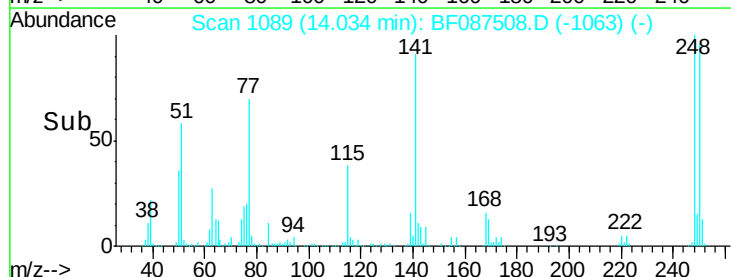
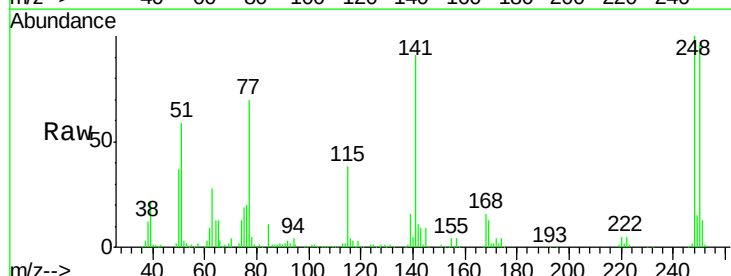
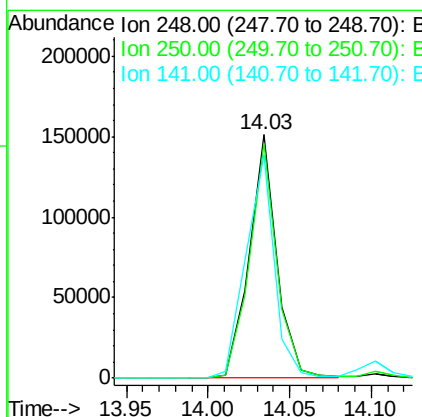
RT: 14.03 min Scan# 1089

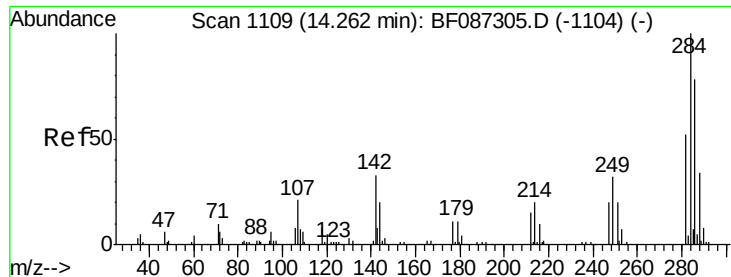
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	248	Resp:	177118
Ion Ratio	Lower	Upper	
248	100		
250	96.4	78.6	117.8
141	91.5	76.0	114.0





#67

Hexachlorobenzene

Concen: 45.33 ng

RT: 14.10 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

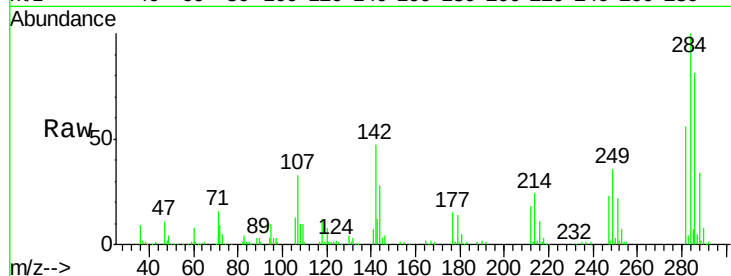
ClientSampleId :

MW-11BMSD

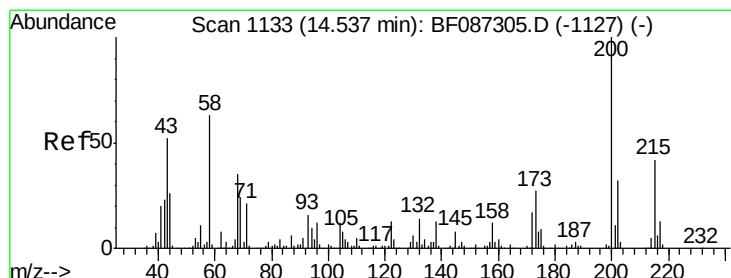
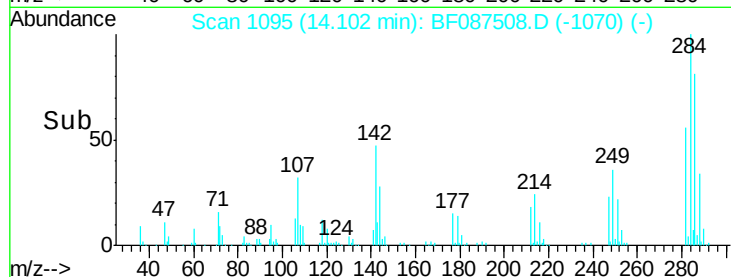
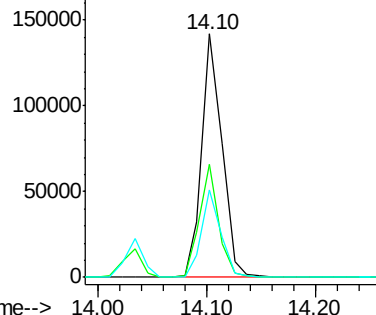
Tgt Ion:	284	Resp:	182595
Ion Ratio	Lower	Upper	
284	100		
142	46.6	16.7	25.1#
249	36.1	21.3	31.9#

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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: 46.93 ng

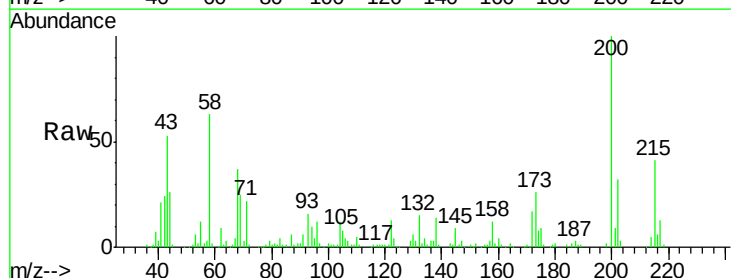
RT: 14.39 min Scan# 1120

Delta R.T. 0.00 min

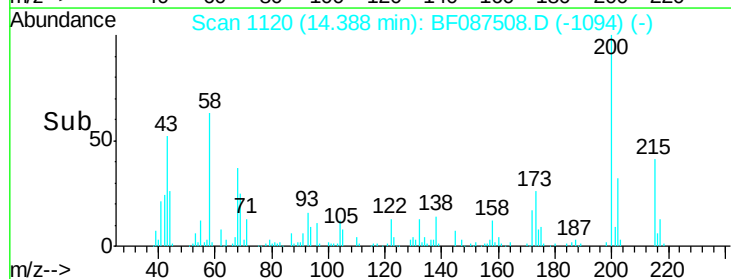
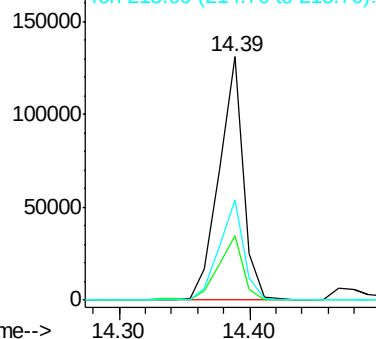
Lab File: BF087508.D

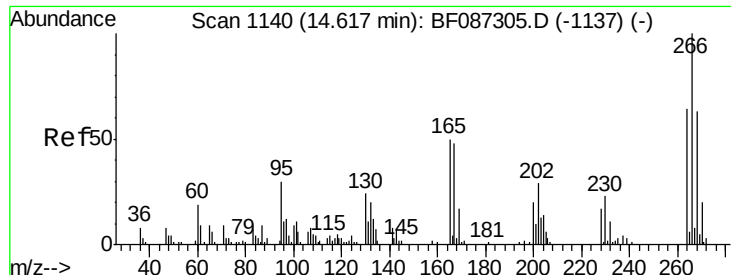
Acq: 29 May 2016 7:44

Tgt Ion:	200	Resp:	170312
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.5	48.5
215	41.4	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





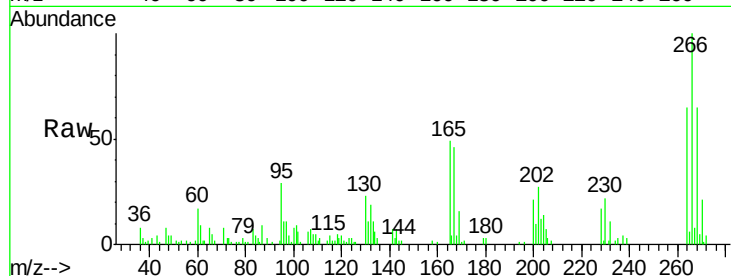
#69
 Pentachlorophenol
 Concen: 67.95 ng
 RT: 14.48 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

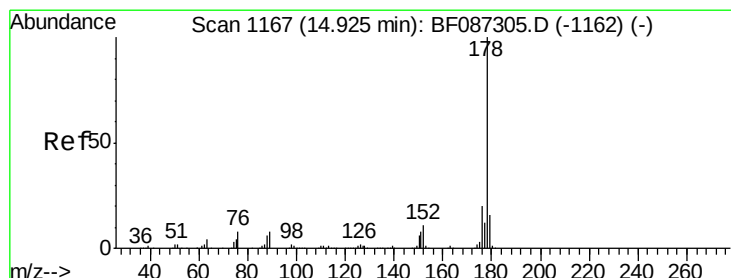
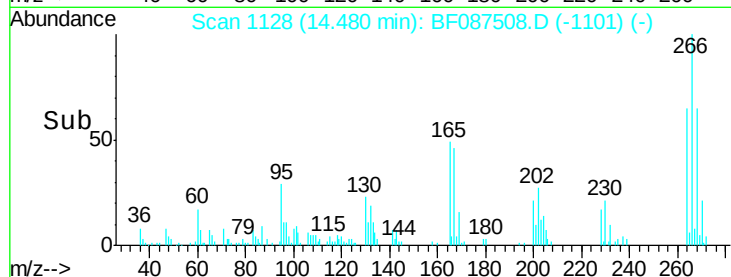
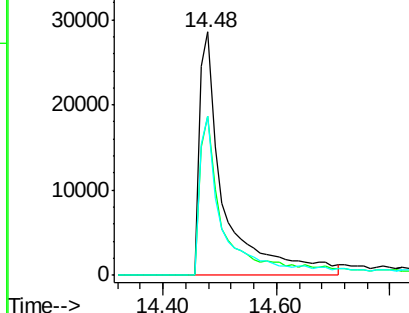
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	83801		
268	65.4	51.5	77.3	
264	65.2	52.9	79.3	

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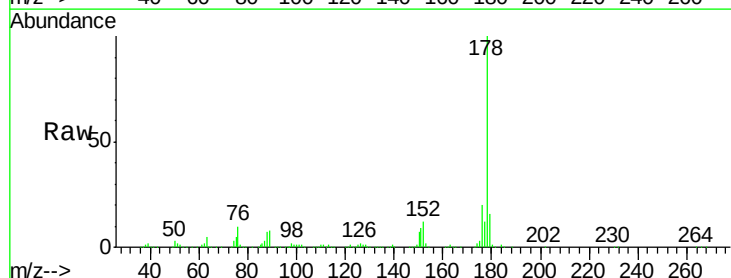


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

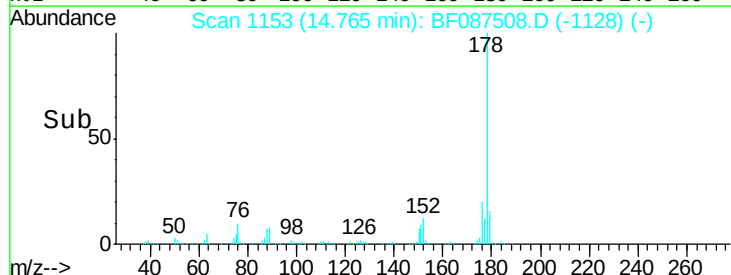
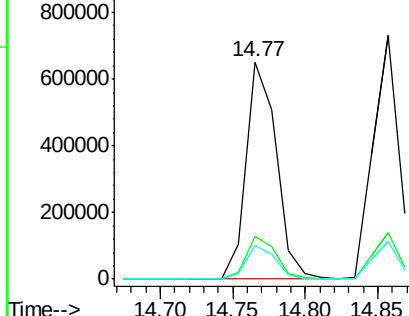


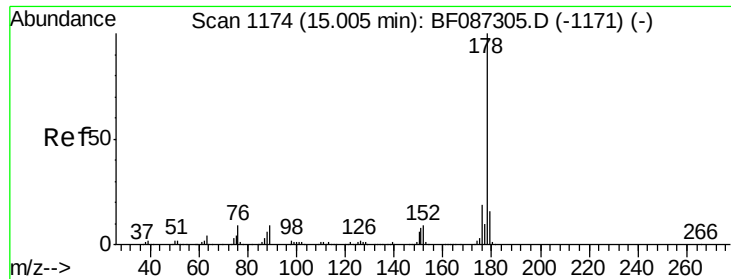
#70
 Phenanthrene
 Concen: 48.43 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	944400		
176	19.9	16.0	24.0	
179	15.7	12.6	18.8	



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





#71

Anthracene

Concen: 49.57 ng

RT: 14.86 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

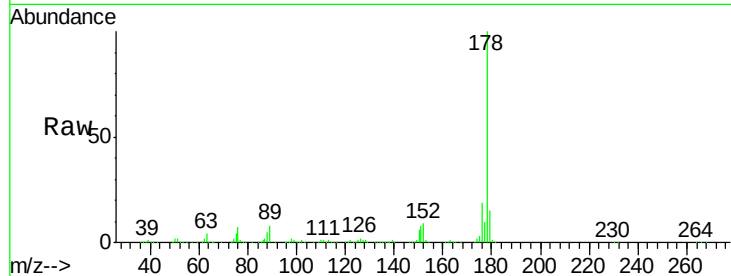
ClientSampleId :

MW-11BMSD

Tgt Ion:	178	Resp:	976347
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.6	23.4
179	15.4	12.7	19.1

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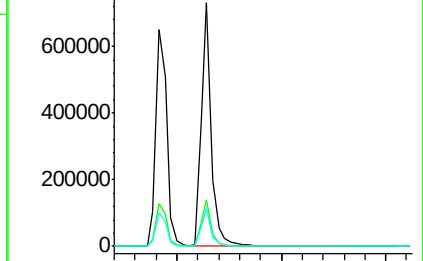
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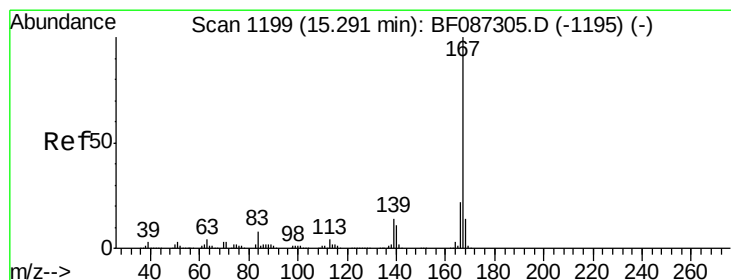
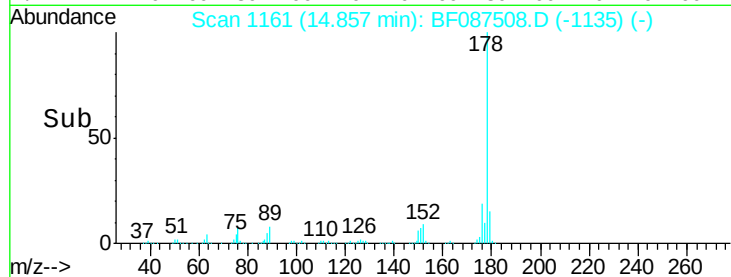
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 51.28 ng

RT: 15.15 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF087508.D

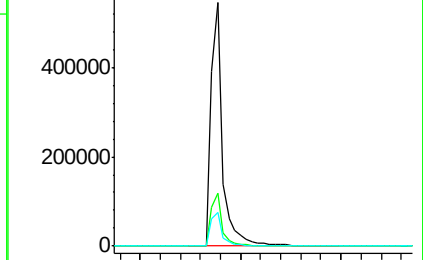
Acq: 29 May 2016 7:44

Tgt Ion:	167	Resp:	861468
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.7	26.5
139	13.9	10.8	16.2

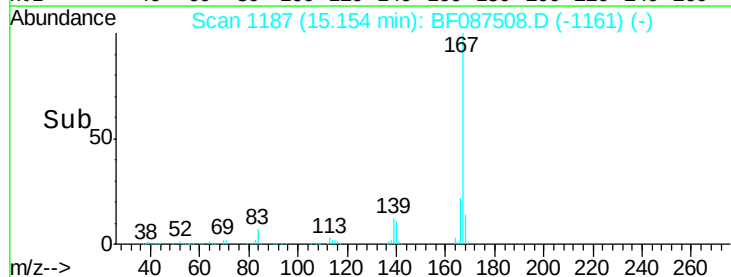
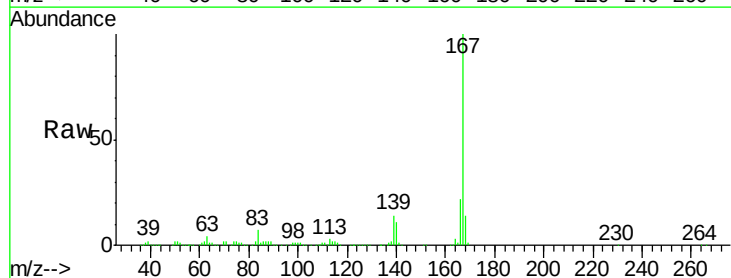
Abundance Ion 167.00 (166.70 to 167.70): E

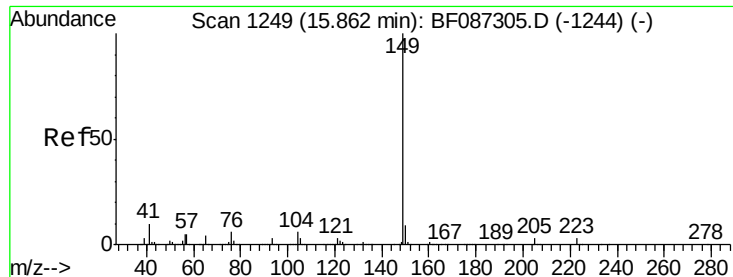
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 49.64 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

ClientSampleId :

MW-11BMSD

Tgt Ion:149 Resp: 1078593

Ion Ratio Lower Upper

149 100

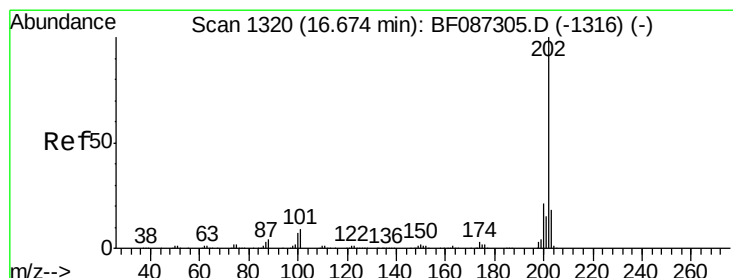
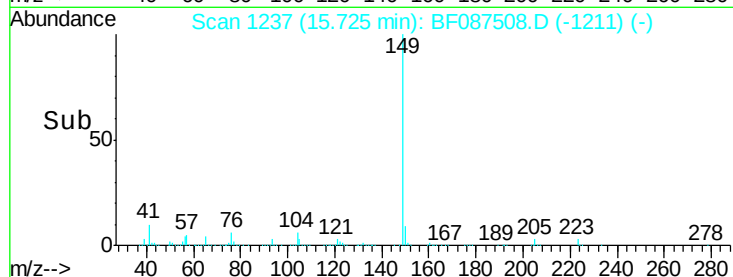
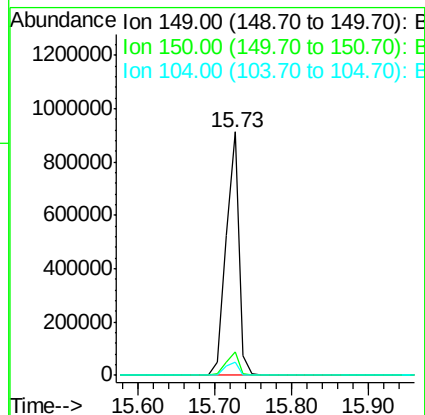
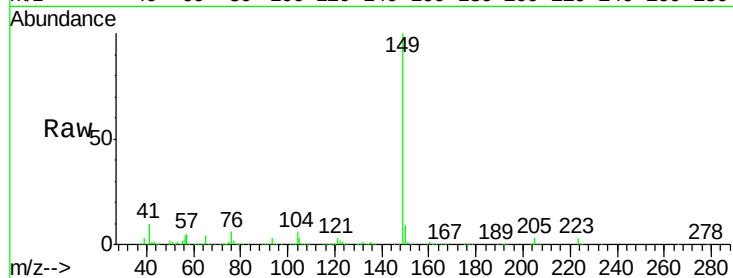
150 9.4 7.6 11.4

104 5.6 3.8 5.6

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#74

Fluoranthene

Concen: 49.39 ng

RT: 16.54 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

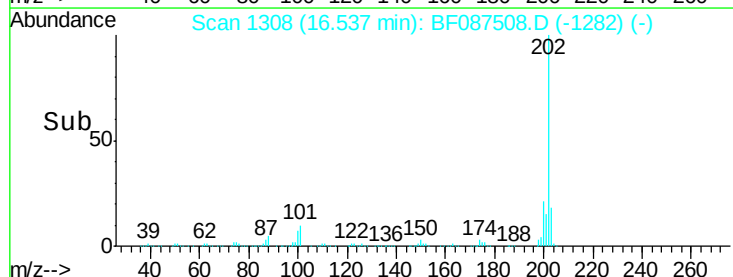
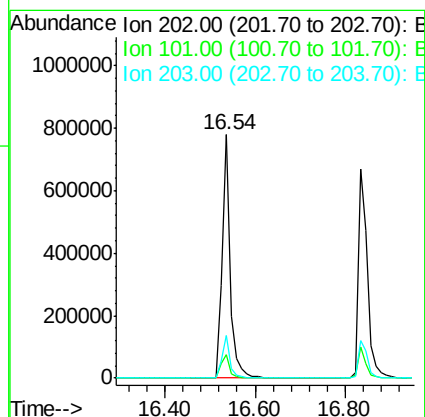
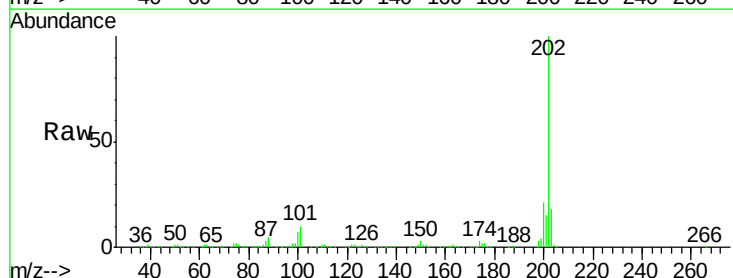
Tgt Ion:202 Resp: 965650

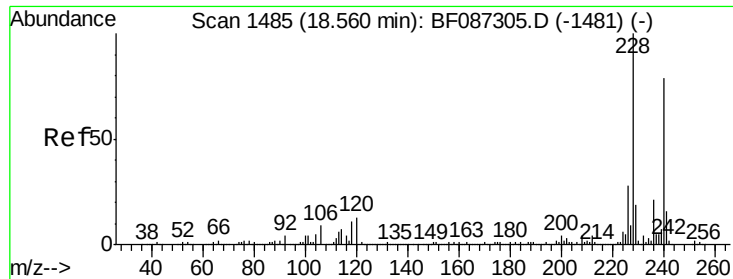
Ion Ratio Lower Upper

202 100

101 9.8 0.0 35.4

203 17.5 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: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

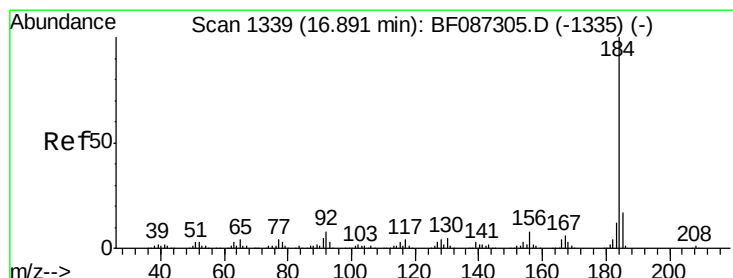
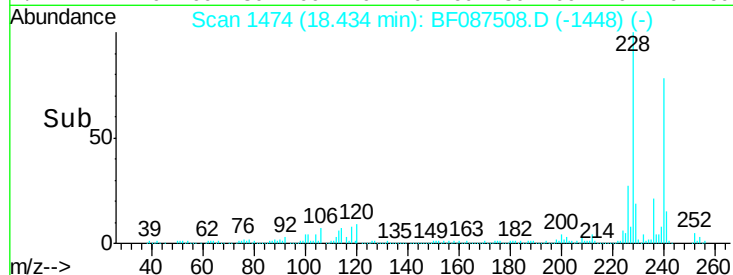
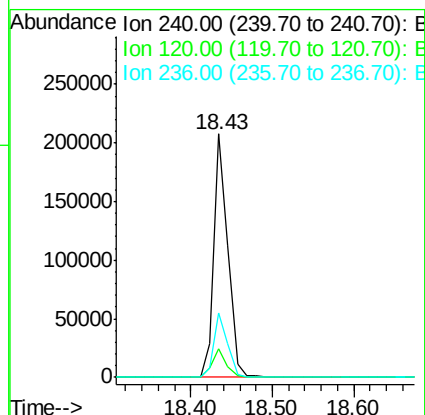
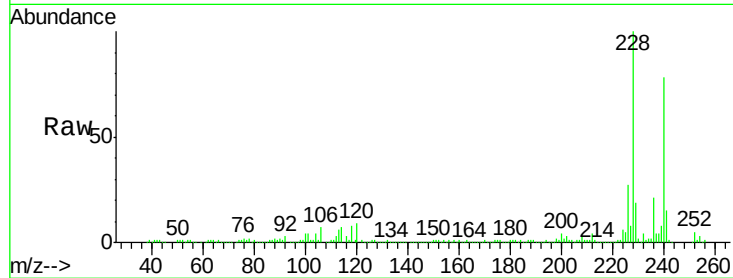
ClientSampled :

MW-11BMSD

Tgt Ion:	240	Resp:	251703
Ion Ratio	Lower	Upper	
240	100		
120	11.7	11.2	16.8
236	26.6	21.2	31.8

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#76

Benzidine

Concen: 12.34 ng

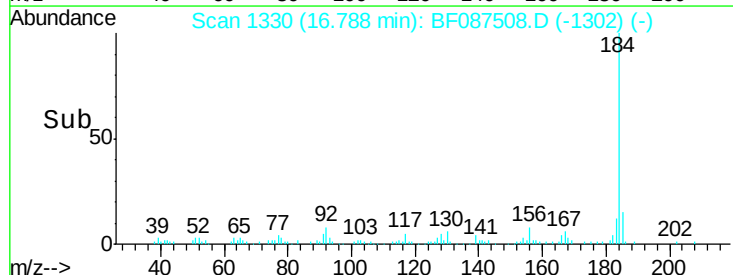
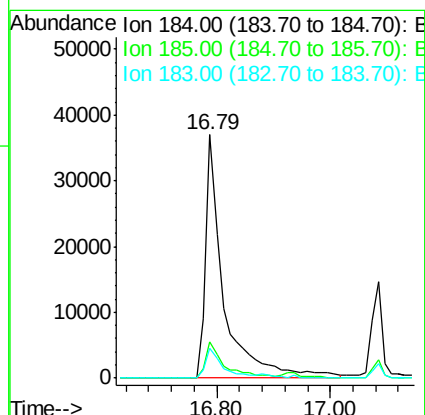
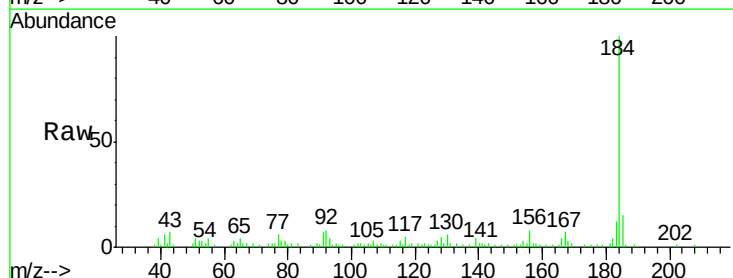
RT: 16.79 min Scan# 1330

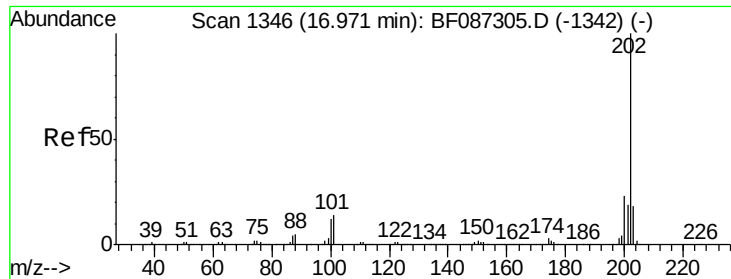
Delta R.T. 0.02 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	184	Resp:	79923
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.6	20.4
183	12.0	9.8	14.6





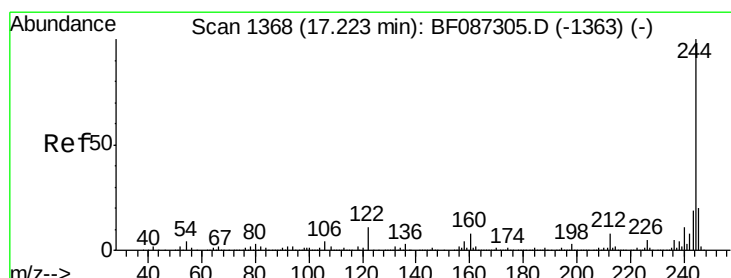
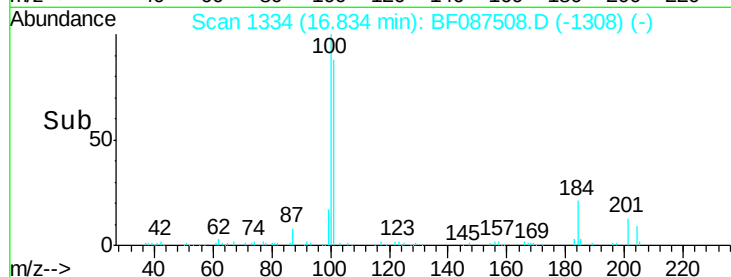
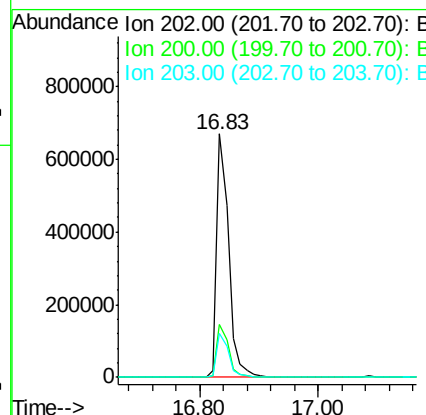
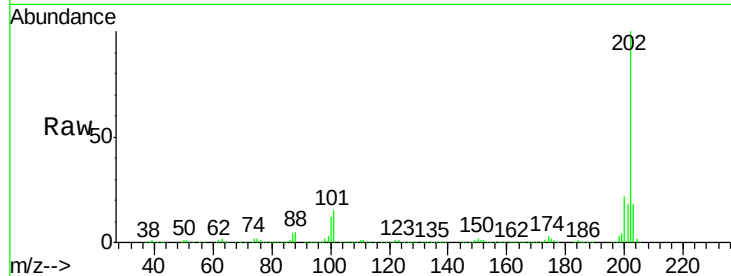
#77
 Pyrene
 Concen: 50.90 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	922237		
200	21.8	17.7	26.5	
203	18.1	14.2	21.4	

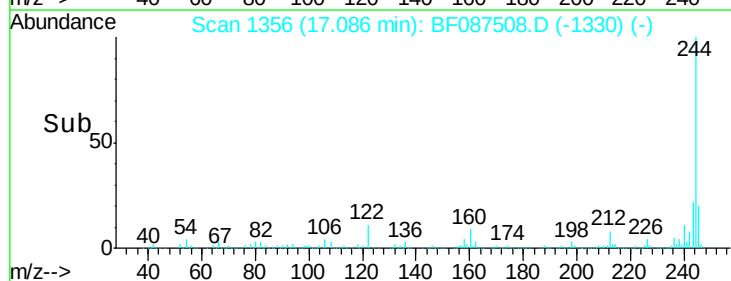
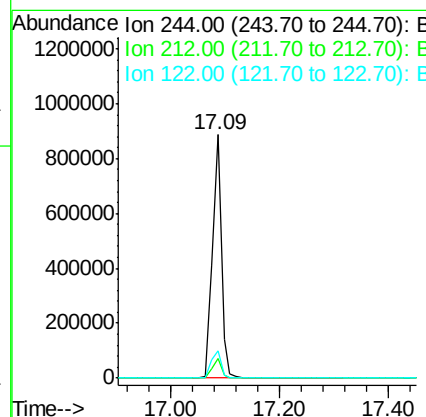
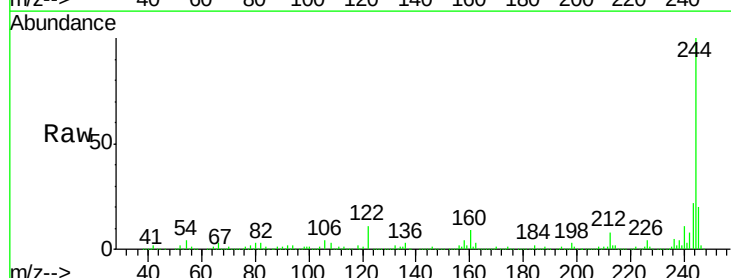
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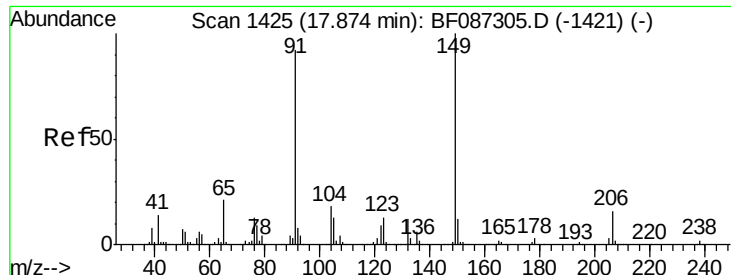
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#78
 Terphenyl-d14
 Concen: 85.85 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1016359		
212	7.8	6.2	9.2	
122	11.3	12.0	18.0	





#79

Butylbenzylphthalate

Concen: 51.06 ng

RT: 17.75 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

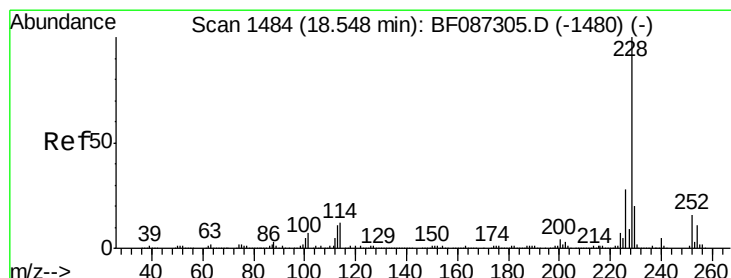
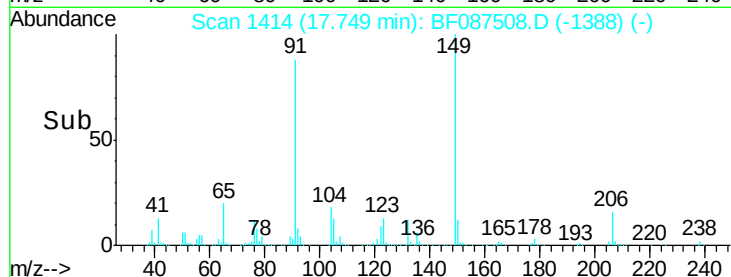
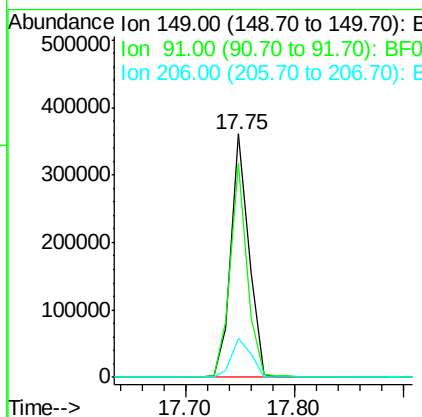
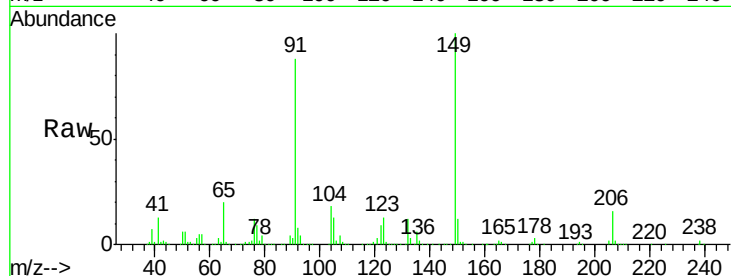
ClientSampleId :

MW-11BMSD

Tgt Ion:	149	Resp:	410276
Ion Ratio		Lower	Upper
149	100		
91	87.9	48.0	72.0#
206	16.0	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 47.26 ng

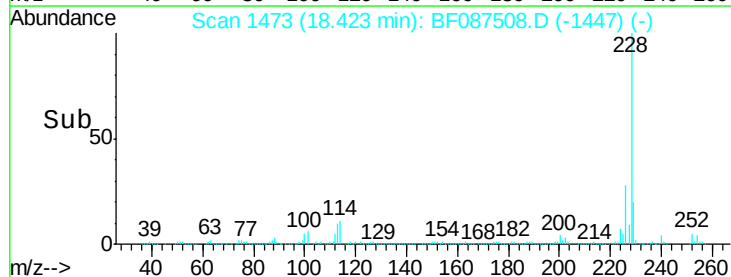
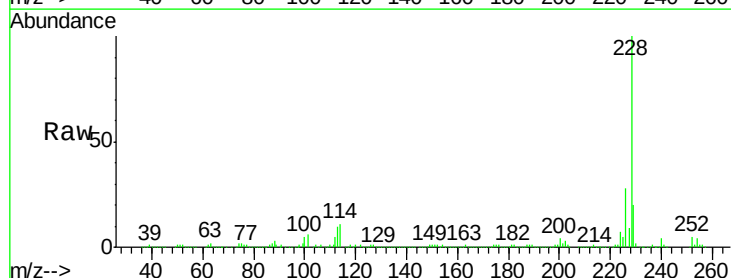
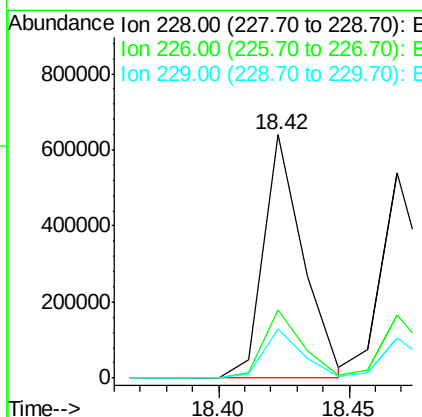
RT: 18.42 min Scan# 1473

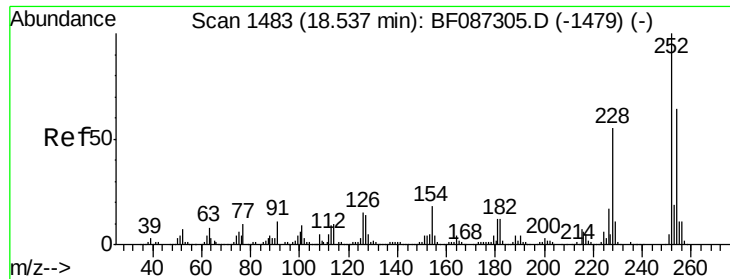
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	228	Resp:	676665
Ion Ratio		Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.4	16.6	25.0





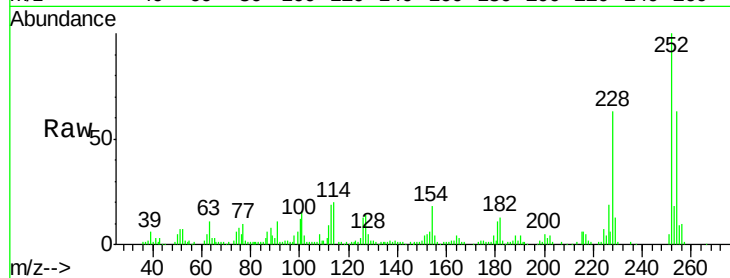
#81
 3,3'-Dichlorobenzidine
 Concen: 13.64 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

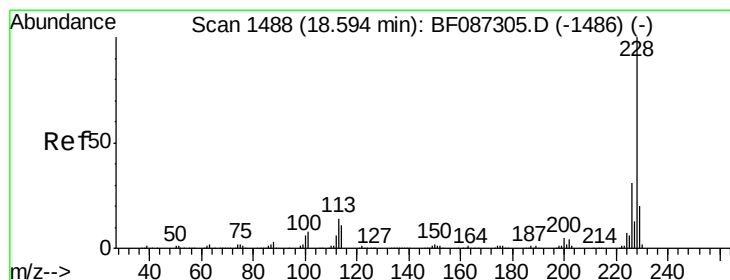
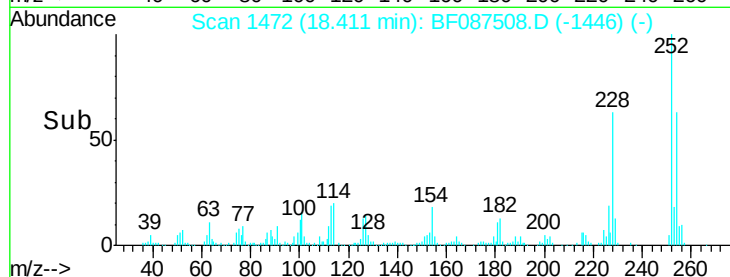
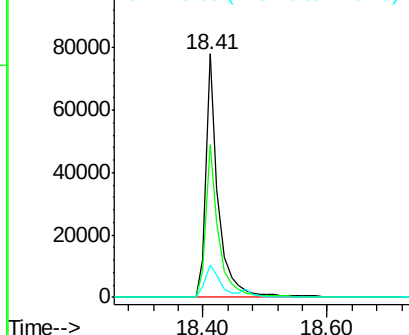
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.7	76.1
126	13.4	12.7	19.1

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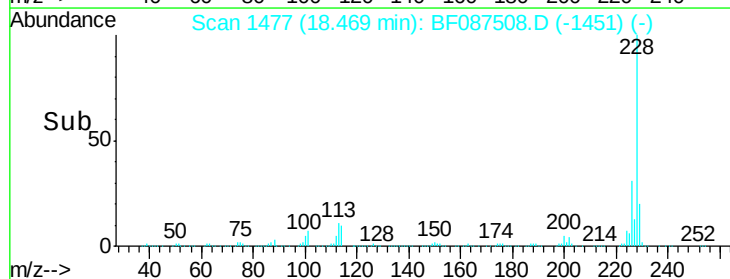
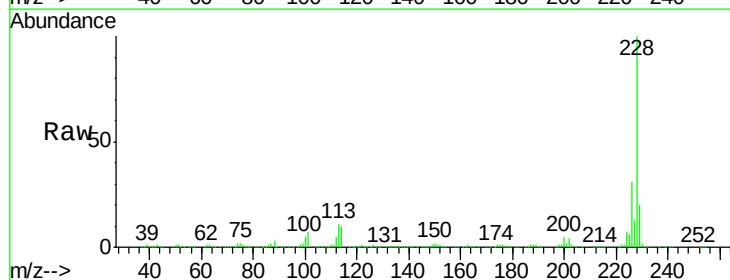
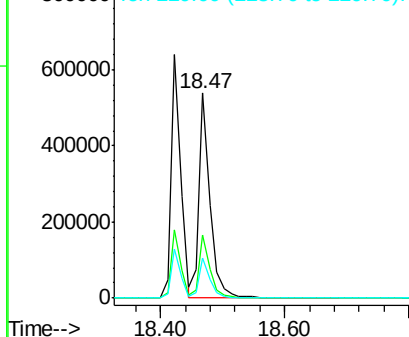
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

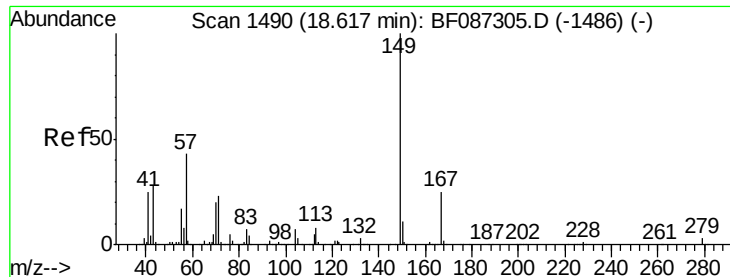


#82
 Chrysene
 Concen: 47.29 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.8	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.35 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

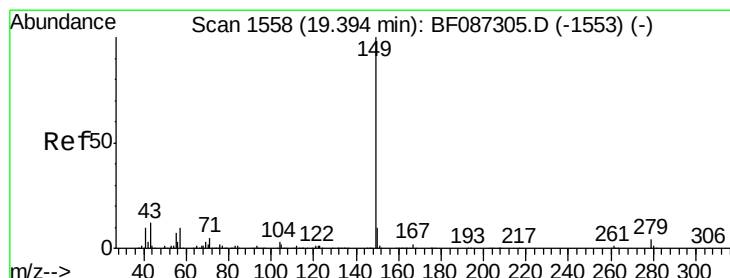
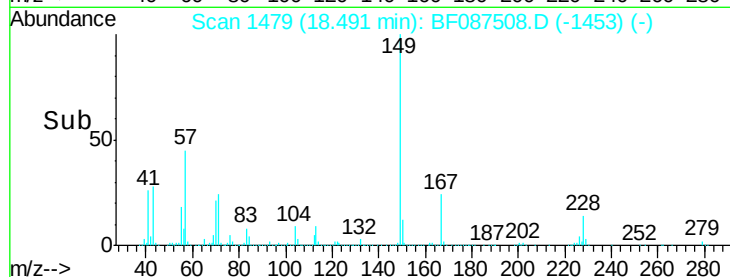
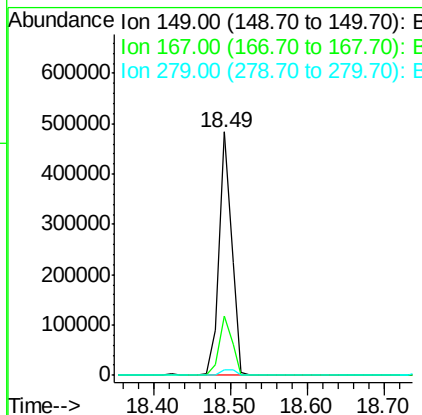
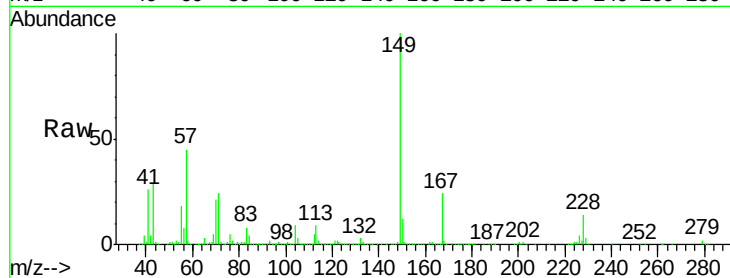
ClientSampleId :

MW-11BMSD

Tgt Ion:	149	Resp:	555101
Ion Ratio	Lower	Upper	
149	100		
167	24.5	21.8	32.6
279	2.4	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 49.00 ng

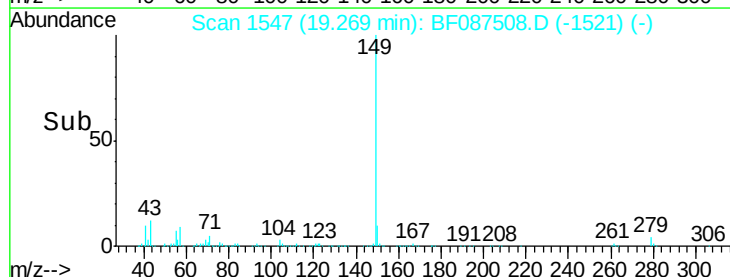
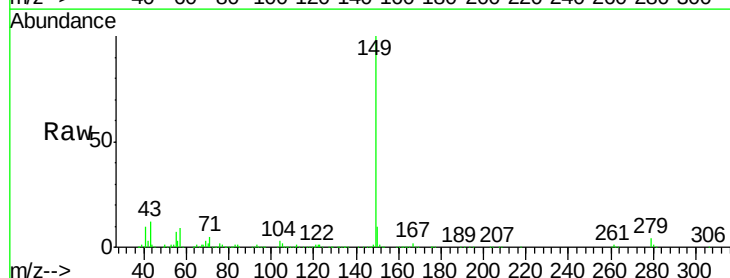
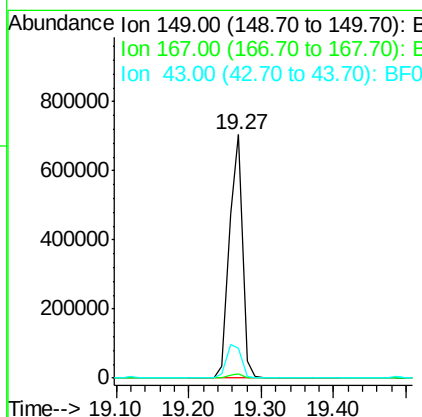
RT: 19.27 min Scan# 1547

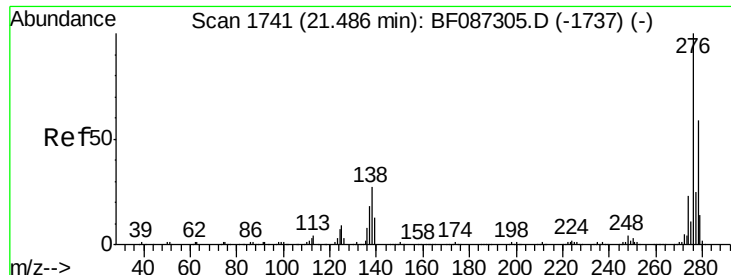
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	149	Resp:	876168
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	15.5	8.2	12.4#





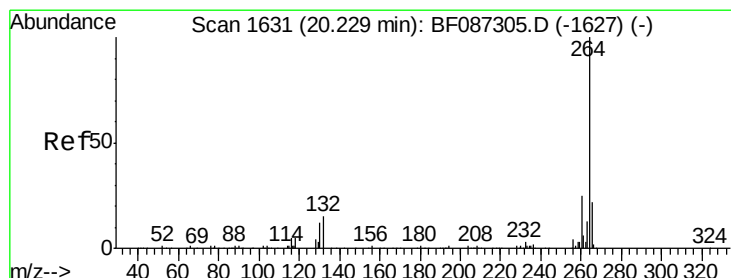
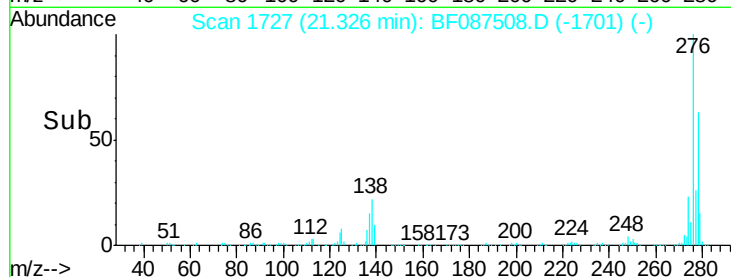
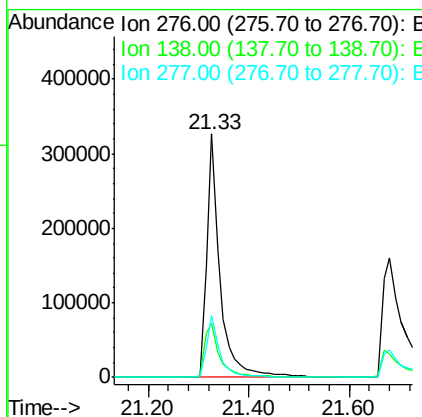
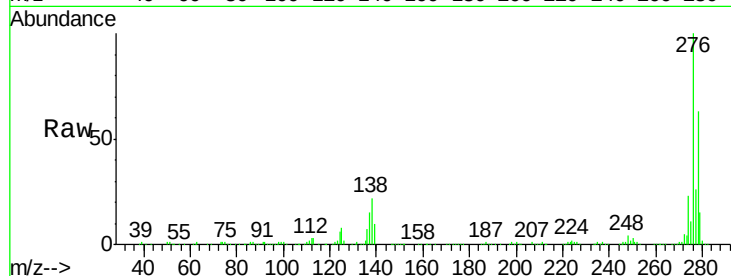
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.29 ng
 RT: 21.33 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		595570		
138	25.8	25.6	38.4		
277	25.8	20.5	30.7		

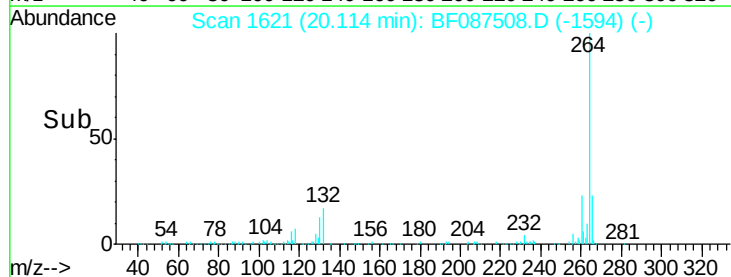
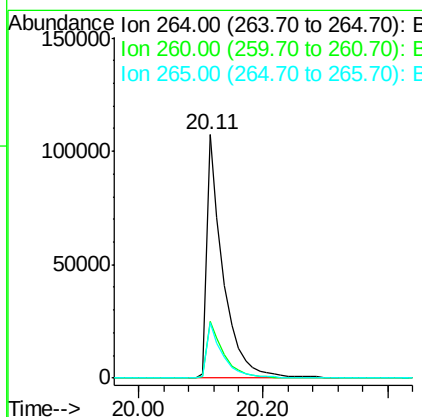
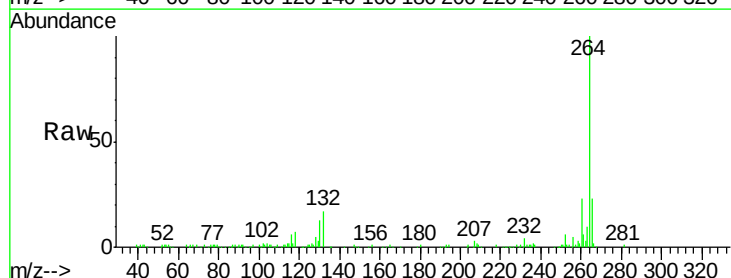
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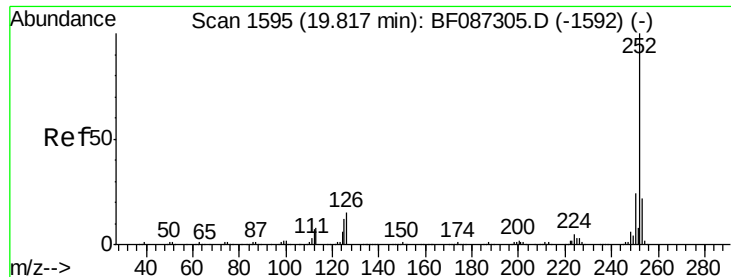
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		193133		
260	23.4	19.5	29.3		
265	22.7	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 42.89 ng m

RT: 19.70 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Instrument :

BNA_F

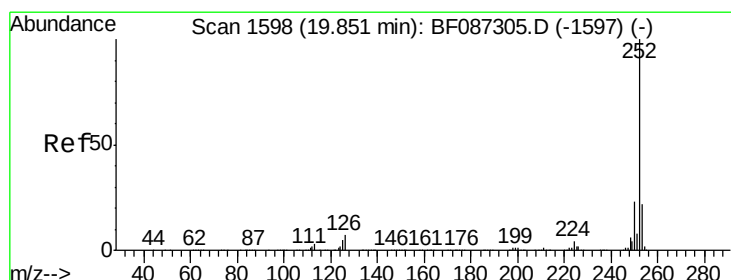
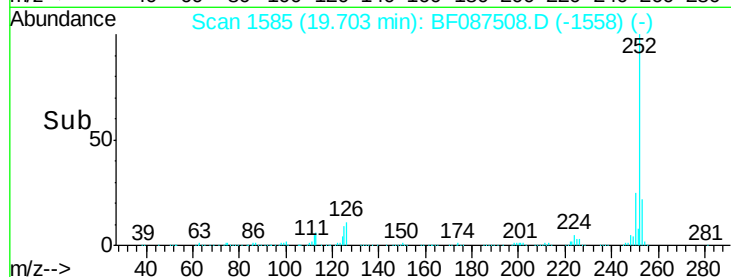
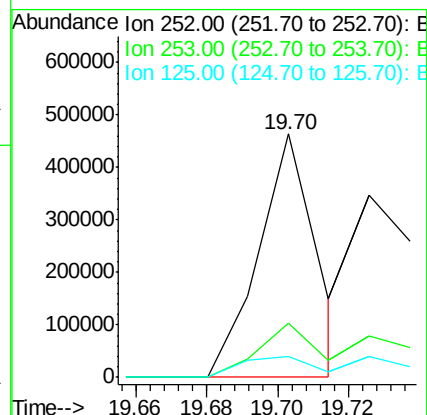
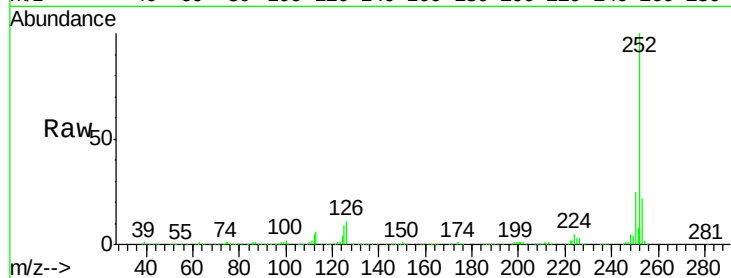
ClientSampleId :

MW-11BMSD

Tgt Ion:	252	Resp:	527645
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	8.7	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 55.13 ng m

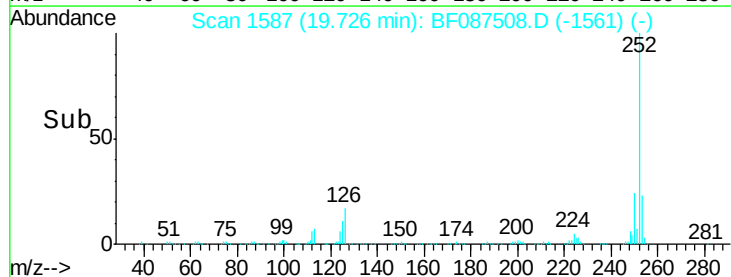
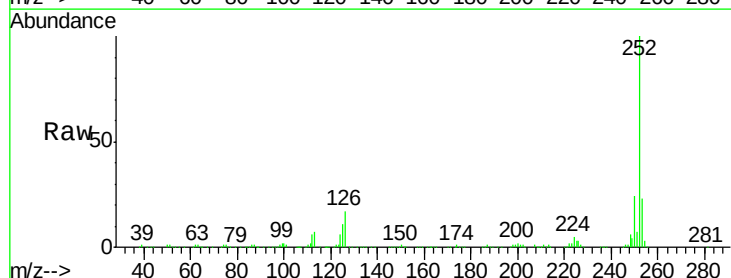
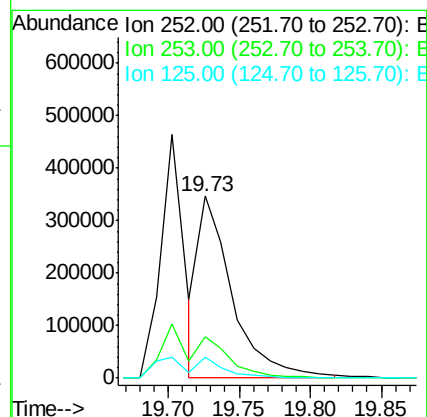
RT: 19.73 min Scan# 1587

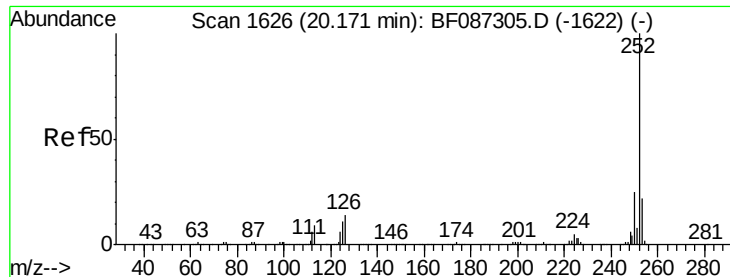
Delta R.T. 0.00 min

Lab File: BF087508.D

Acq: 29 May 2016 7:44

Tgt Ion:	252	Resp:	583803
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	11.2	9.1	13.7





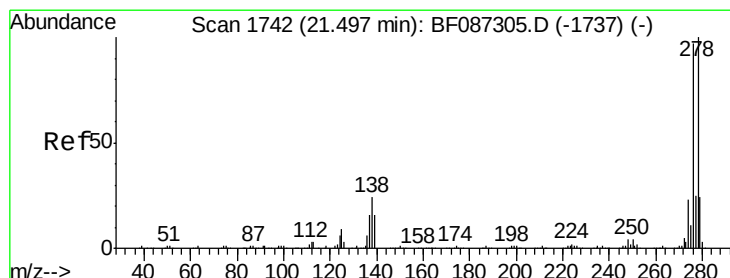
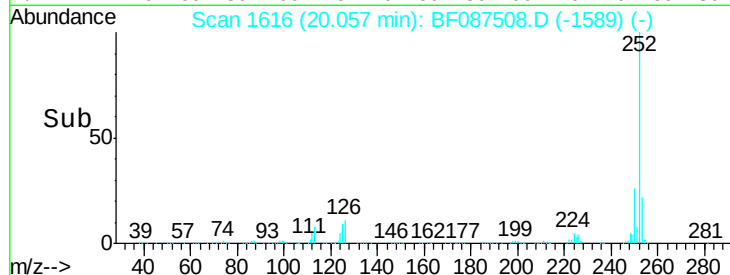
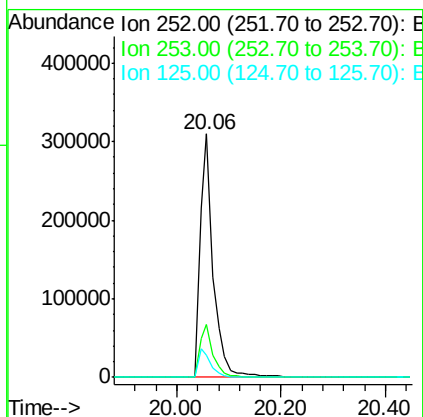
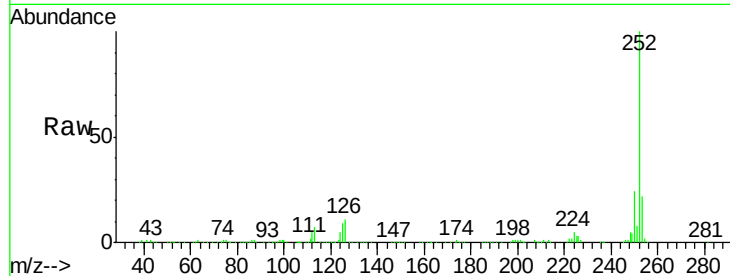
#89
Benzo(a)pyrene
Concen: 50.12 ng
RT: 20.06 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	9.0	9.0	13.6

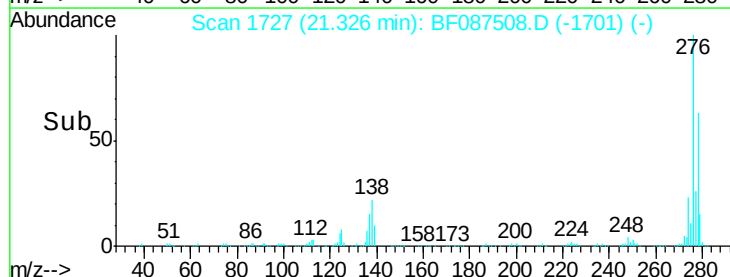
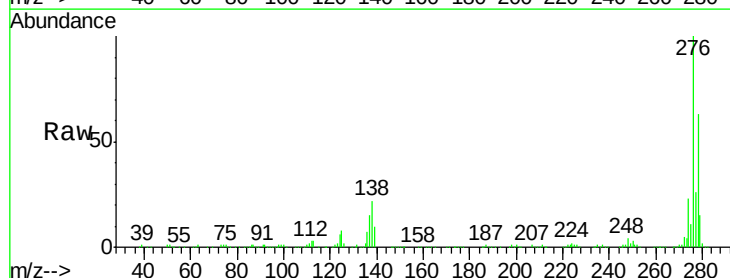
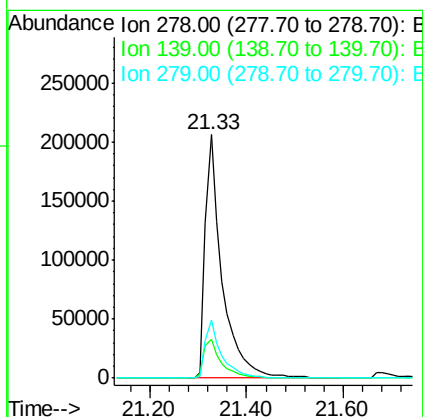
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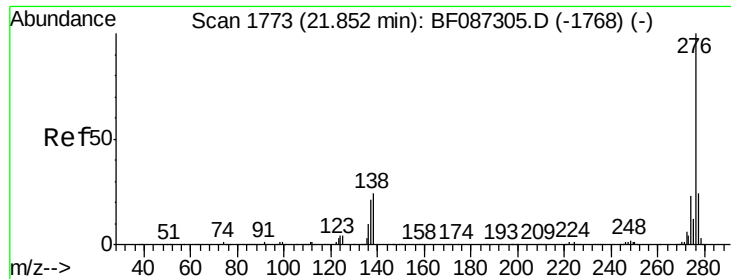
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#90
Dibenzo(a,h)anthracene
Concen: 55.36 ng
RT: 21.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BF087508.D
Acq: 29 May 2016 7:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	16.6	24.8
279	23.7	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 55.48 ng
 RT: 21.68 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF087508.D
 Acq: 29 May 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-11BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.0	19.6	29.4
138	19.9	23.6	35.4

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