

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087491.D
 Acq On : 28 May 2016 21:45
 Operator : UM/SJ
 Sample : H3276-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Manual Integrations
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 5/31/2016 7:03:39 PM

Quant Time: May 30 03:51:10 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 03:48:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	119684	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	496337	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	230488	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	429791	20.00	ng	0.00
75) Chrysene-d12	18.43	240	300519	20.00	ng	0.00
86) Perylene-d12	20.10	264	237199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	682334	100.18	ng	0.01
7) Phenol-d6	7.03	99	650940	70.73	ng	-0.01
23) Nitrobenzene-d5	8.39	82	814396	82.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	291823	131.75	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1342048	82.09	ng	-0.01
78) Terphenyl-d14	17.09	244	1154880	81.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	93388	25.98	ng	# 58
3) Pyridine	2.44	79	94118	11.98	ng	# 55
4) n-Nitrosodimethylamine	2.36	42	132267	21.85	ng	# 45
6) Aniline	6.97	93	285030	23.94	ng	94
8) 2-Chlorophenol	7.15	128	371464	43.73	ng	94
9) Benzaldehyde	6.83	77	29026	5.71	ng	98
10) Phenol	7.04	94	272117	27.08	ng	# 72
11) bis(2-Chloroethyl)ether	7.11	93	356000	43.77	ng	84
12) 1,3-Dichlorobenzene	7.36	146	347459	37.50	ng	# 92
13) 1,4-Dichlorobenzene	7.50	146	365199	38.40	ng	96
14) 1,2-Dichlorobenzene	7.72	146	352384	40.05	ng	98
15) Benzyl Alcohol	7.77	79	244504	36.44	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.96	45	730133	39.89	ng	86
17) 2-Methylphenol	7.99	107	287576	42.25	ng	# 87
18) Hexachloroethane	8.24	117	138067	38.91	ng	95
19) n-Nitroso-di-n-propylamine	8.19	70	311866	45.44	ng	# 70
20) 3+4-Methylphenols	8.25	107	347636	42.24	ng	# 58
22) Acetophenone	8.16	105	563101	47.49	ng	# 98
24) Nitrobenzene	8.42	77	449589	43.25	ng	95
25) Isophorone	8.81	82	785549	44.48	ng	99
26) 2-Nitrophenol	8.92	139	191268	45.01	ng	# 77
27) 2,4-Dimethylphenol	9.07	122	348182	47.20	ng	89
28) bis(2-Chloroethoxy)methane	9.20	93	471231	47.37	ng	99
29) 2,4-Dichlorophenol	9.35	162	316571	47.62	ng	99
30) 1,2,4-Trichlorobenzene	9.43	180	320957	42.17	ng	98
31) Naphthalene	9.53	128	1058982	42.58	ng	99
32) Benzoic acid	9.37	122	61415	20.03	ng	82
33) 4-Chloroaniline	9.69	127	195236	21.31	ng	# 94
34) Hexachlorobutadiene	9.75	225	179479	38.80	ng	99
35) Caprolactam	10.35	113	19336m	9.97	ng	
36) 4-Chloro-3-methylphenol	10.55	107	361760	48.13	ng	93
37) 2-Methylnaphthalene	10.66	142	712521	45.86	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	317126	42.98	ng	99
40) Hexachlorocyclopentadiene	10.90	237	177939	61.14	ng	94

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Manual Integrations
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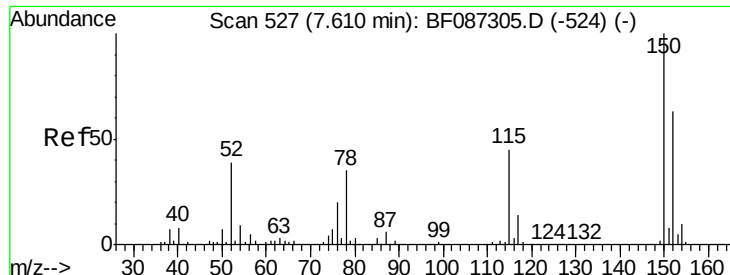
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.16	196	195642	45.94	ng	94
43) 2,4,5-Trichlorophenol	11.24	196	194335	44.81	ng #	79
45) 1,1'-Biphenyl	11.43	154	853824	44.00	ng	98
46) 2-Chloronaphthalene	11.44	162	648683	43.69	ng #	89
47) 2-Nitroaniline	11.67	65	251178	46.96	ng #	78
48) Acenaphthylene	12.10	152	1037560	44.14	ng	99
49) Dimethylphthalate	11.99	163	818497	44.33	ng	100
50) 2,6-Dinitrotoluene	12.08	165	165628	44.52	ng #	63
51) Acenaphthene	12.38	154	640797	44.36	ng	98
52) 3-Nitroaniline	12.37	138	42882	11.23	ng #	91
53) 2,4-Dinitrophenol	12.56	184	148062	77.94	ng #	85
54) Dibenzofuran	12.67	168	950520	48.60	ng	97
55) 4-Nitrophenol	12.78	139	66844	36.70	ng #	54
56) 2,4-Dinitrotoluene	12.74	165	231536	46.56	ng #	86
57) Fluorene	13.22	166	744871	43.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	173839	52.11	ng	98
59) Diethylphthalate	13.13	149	784402	43.70	ng	100
60) 4-Chlorophenyl-phenylether	13.25	204	353285	42.71	ng	99
61) 4-Nitroaniline	13.36	138	121379	34.06	ng #	72
62) Azobenzene	13.51	77	937891	50.36	ng	87
64) 4,6-Dinitro-2-methylphenol	13.42	198	107849	39.46	ng #	80
65) n-Nitrosodiphenylamine	13.47	169	653129	46.99	ng	99
66) 4-Bromophenyl-phenylether	14.03	248	206326	43.88	ng	98
67) Hexachlorobenzene	14.10	284	213331	43.38	ng #	67
68) Atrazine	14.39	200	190205	42.93	ng	94
69) Pentachlorophenol	14.47	266	142272	92.08	ng	98
70) Phenanthrene	14.77	178	1078678	45.31	ng	100
71) Anthracene	14.86	178	1116311	46.42	ng	99
72) Carbazole	15.15	167	979808	47.77	ng	99
73) Di-n-butylphthalate	15.73	149	1216116	45.85	ng #	99
74) Fluoranthene	16.54	202	1108259	46.42	ng	92
76) Benzidine	16.80	184	21148	2.73	ng	99
77) Pyrene	16.83	202	1048328	48.46	ng	99
79) Butylbenzylphthalate	17.75	149	461715	48.13	ng #	72
80) Benzo(a)anthracene	18.42	228	800218	46.81	ng	99
81) 3,3'-Dichlorobenzidine	18.41	252	94294	9.99	ng	97
82) Chrysene	18.47	228	777374	45.82	ng	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	628585	44.91	ng #	95
84) Di-n-octyl phthalate	19.27	149	967198	45.31	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	678995	49.93	ng	94
87) Benzo(b)fluoranthene	19.69	252	689855	45.66	ng	99
88) Benzo(k)fluoranthene	19.73	252	578580m	44.49	ng	
89) Benzo(a)pyrene	20.05	252	601427	46.02	ng	99
90) Dibenzo(a,h)anthracene	21.31	278	579237	51.97	ng	98
91) Benzo(g,h,i)perylene	21.67	276	578378	52.59	ng #	90

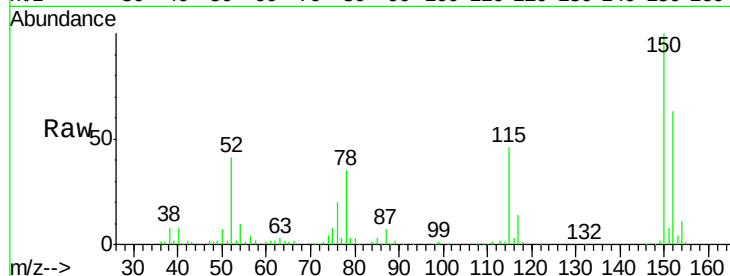
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

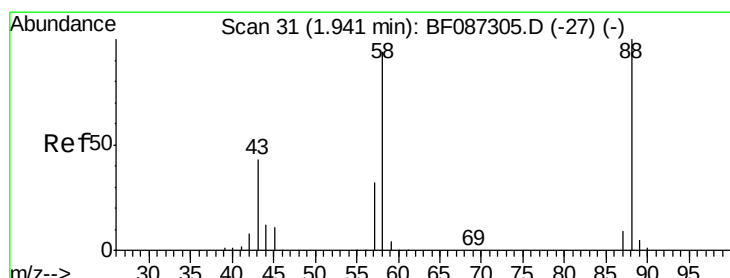
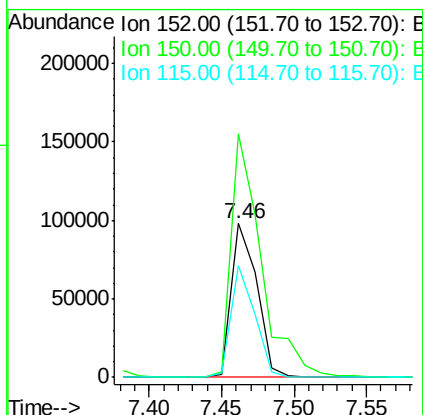
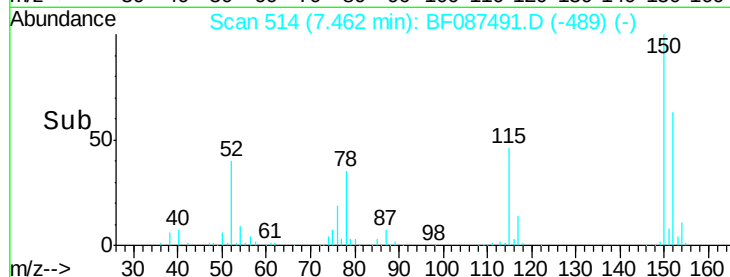
Instrument :
BNA_F
ClientSampleId :
MW-02MSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.8	188.6
115	73.1	51.5	77.3

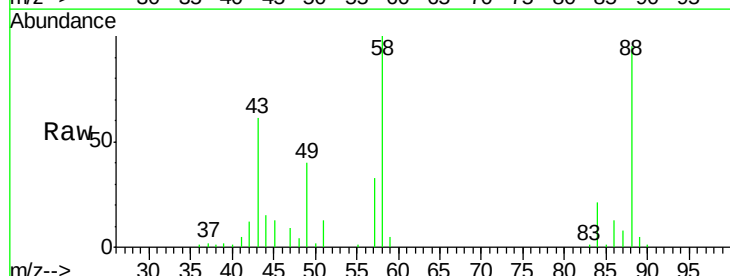
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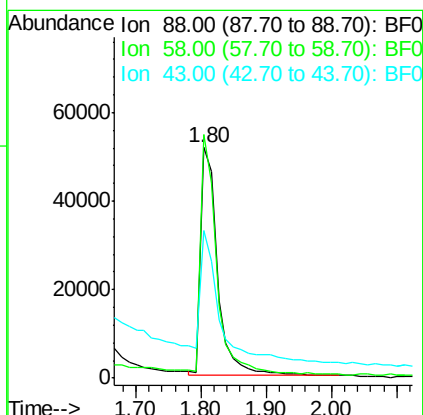
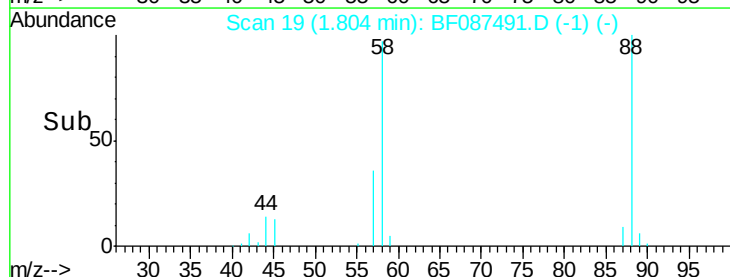


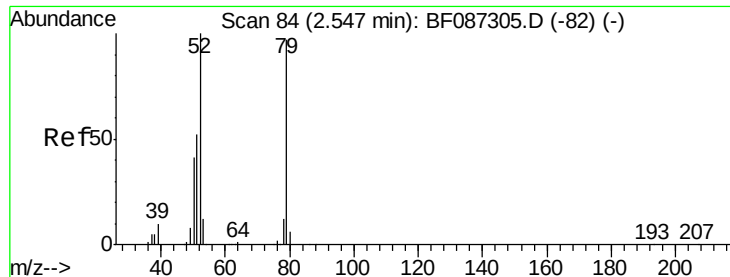
#2

1,4-Dioxane
Concen: 25.98 ng
RT: 1.80 min Scan# 19
Delta R.T. 0.05 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45



Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	59.6	89.4#
43	69.5	21.8	32.6#





#3

Pyridine

Concen: 11.98 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.10 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

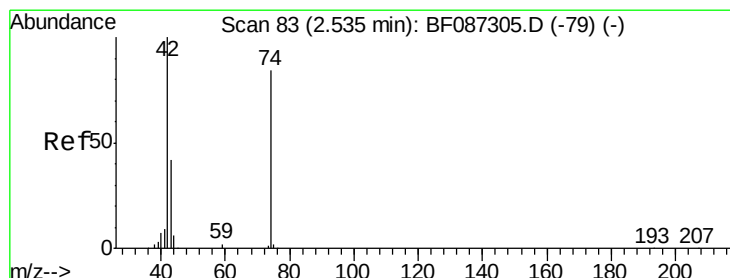
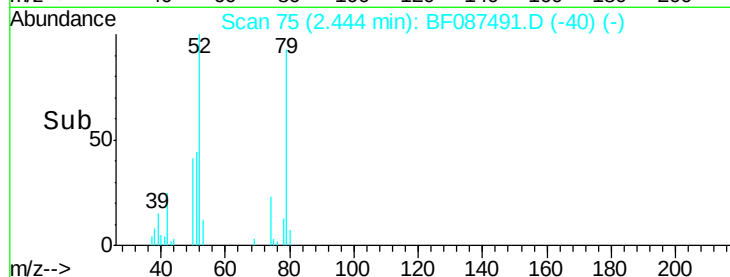
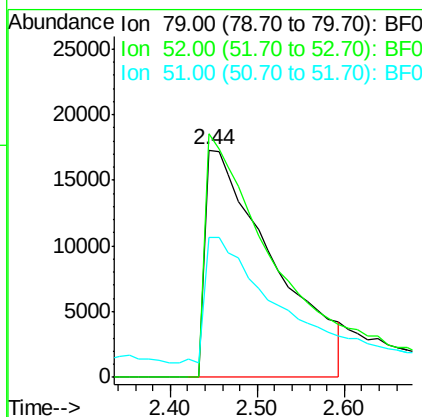
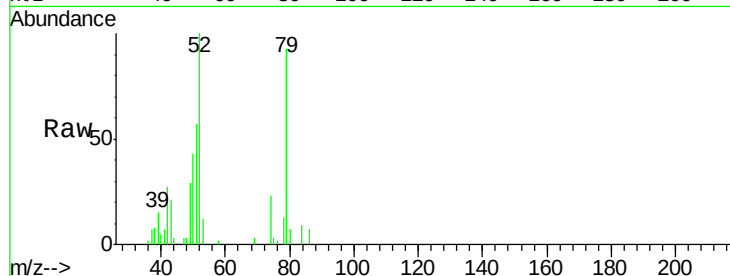
ClientSampleId :

MW-02MSD

Tgt Ion:	79	Resp:	94118
Ion Ratio	Lower	Upper	
79	100		
52	107.1	55.9	83.9#
51	61.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 21.85 ng

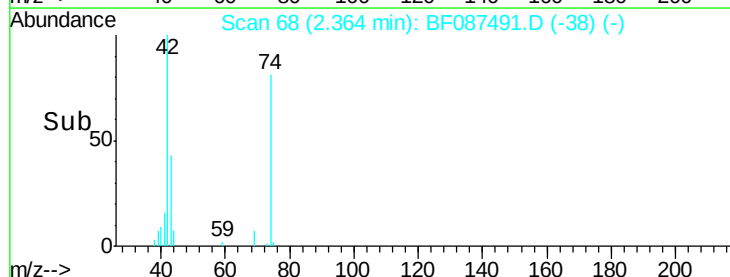
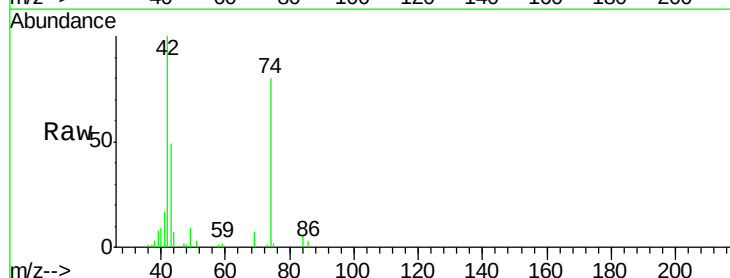
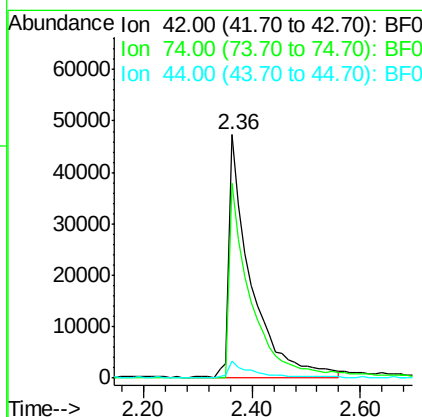
RT: 2.36 min Scan# 68

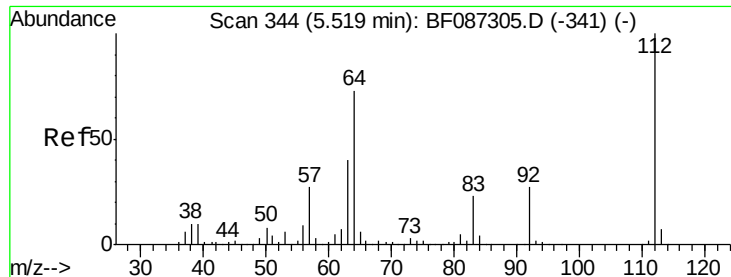
Delta R.T. 0.05 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	42	Resp:	132267
Ion Ratio	Lower	Upper	
42	100		
74	79.9	123.4	185.0#
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 100.18 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087491.D

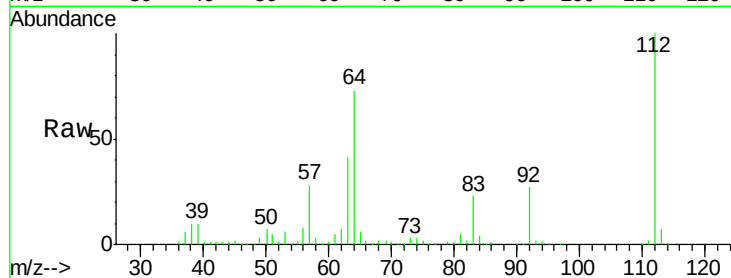
Acq: 28 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

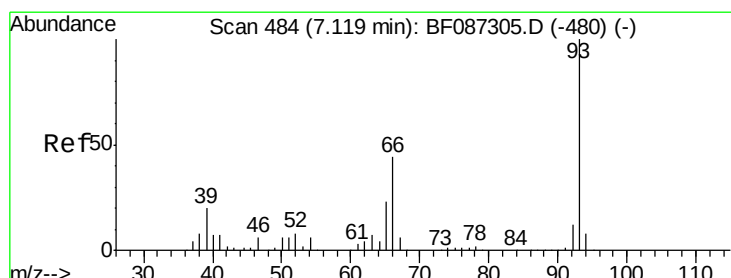
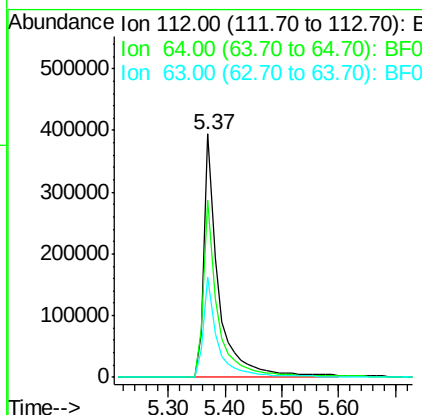
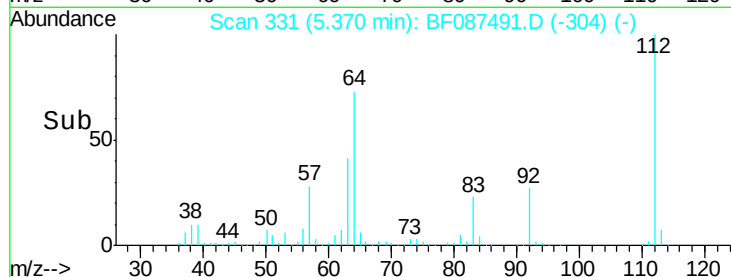
MW-02MSD



Tgt Ion:	112	Resp:	682334
Ion Ratio	Lower	Upper	
112	100		
64	72.6	52.1	78.1
63	41.0	25.7	38.5#

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#6

Aniline

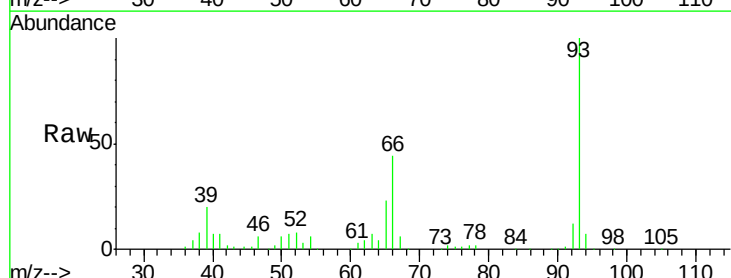
Concen: 23.94 ng

RT: 6.97 min Scan# 471

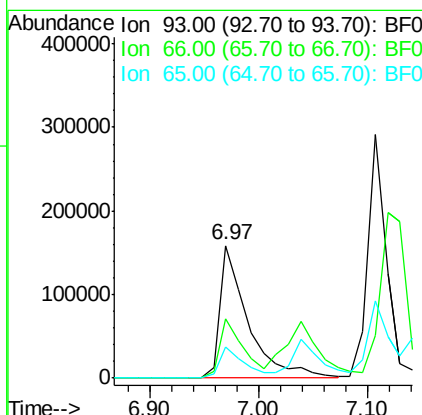
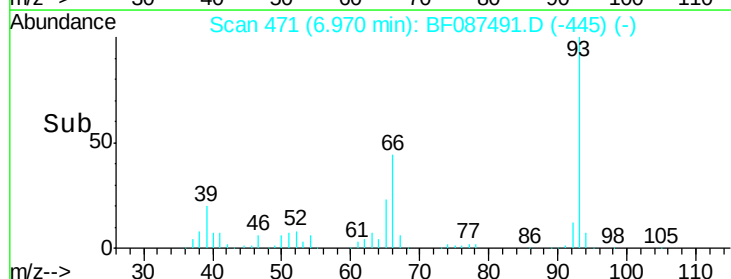
Delta R.T. -0.00 min

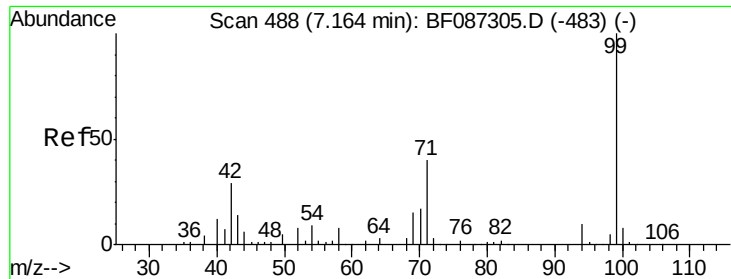
Lab File: BF087491.D

Acq: 28 May 2016 21:45



Tgt Ion:	93	Resp:	285030
Ion Ratio	Lower	Upper	
93	100		
66	44.2	39.0	58.6
65	23.0	20.6	31.0





#7

Phenol-d6

Concen: 70.73 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

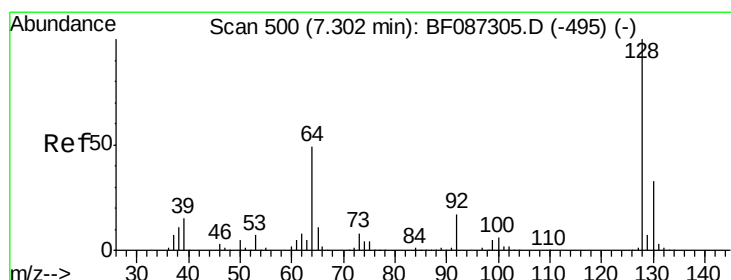
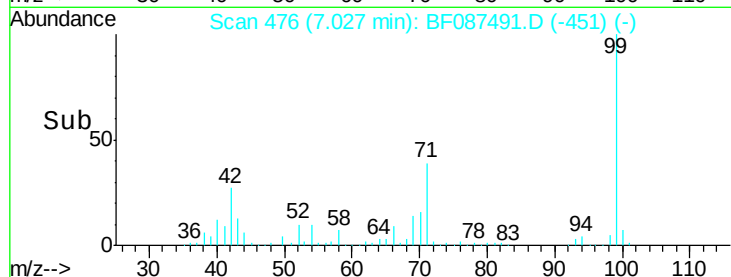
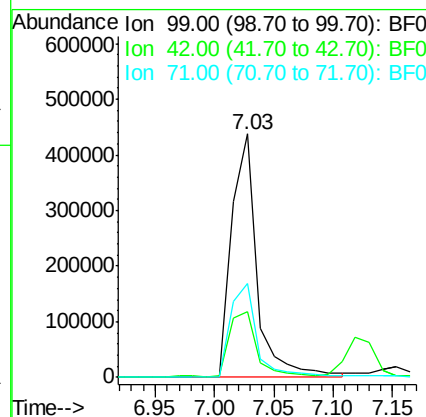
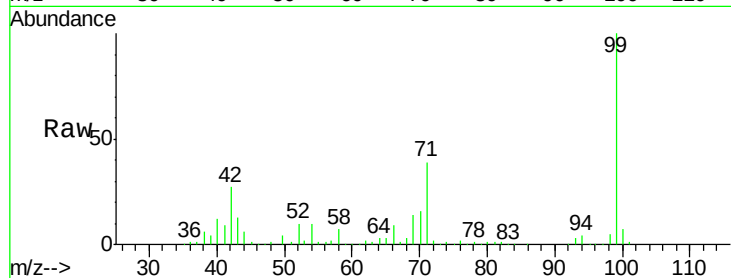
ClientSampleId :

MW-02MSD

Tgt Ion:	99	Resp:	650940
Ion Ratio	Lower	Upper	
99	100		
42	27.2	13.6	20.4#
71	38.7	24.6	36.8#

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#8

2-Chlorophenol

Concen: 43.73 ng

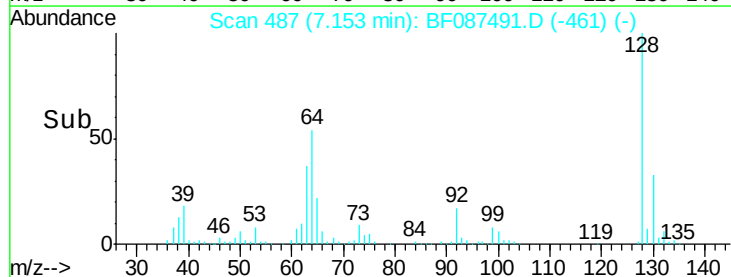
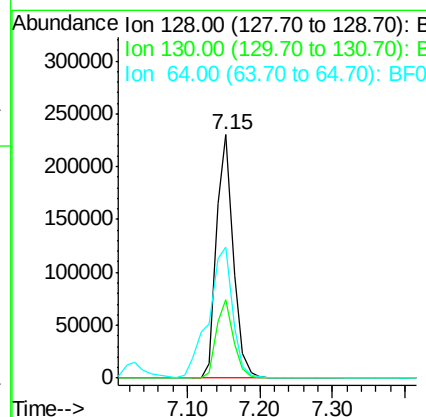
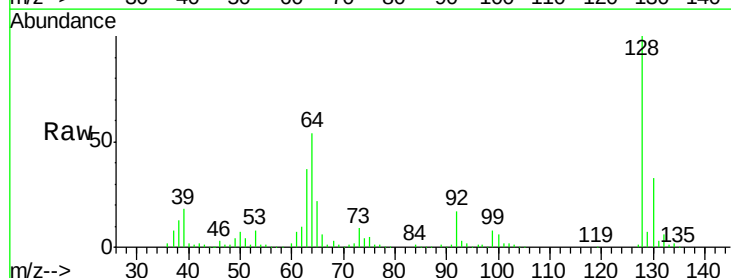
RT: 7.15 min Scan# 487

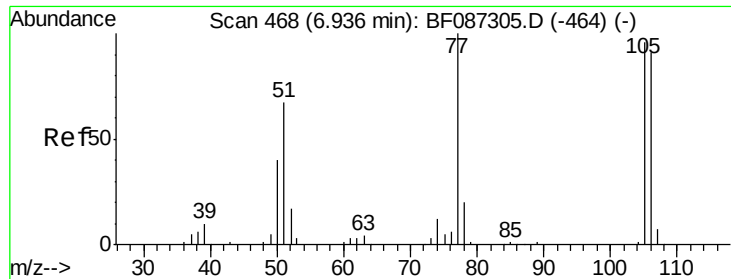
Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	128	Resp:	371464
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.5	52.5
64	53.7	27.3	67.3





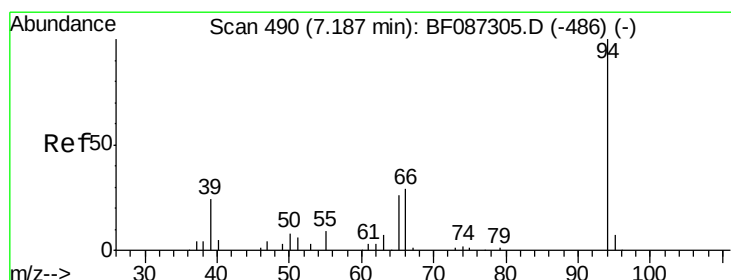
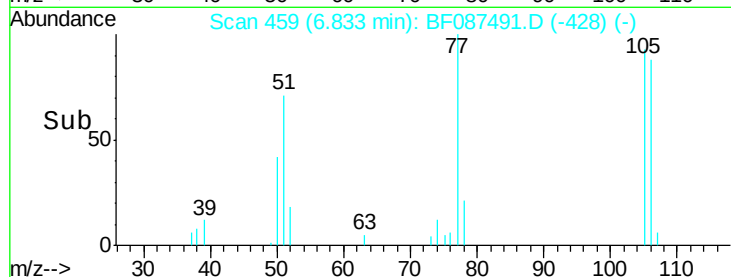
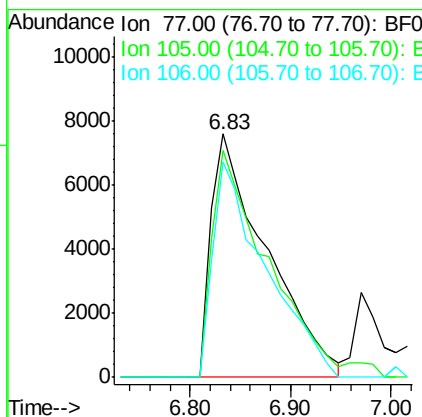
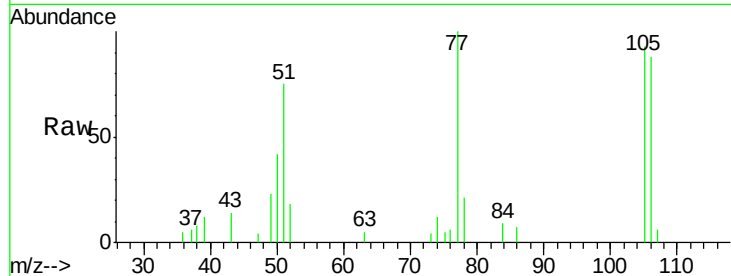
#9
Benzaldehyde
Concen: 5.71 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.06 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion: 77 Resp: 29026
Ion Ratio Lower Upper
77 100
105 93.3 72.7 112.7
106 88.3 70.8 110.8

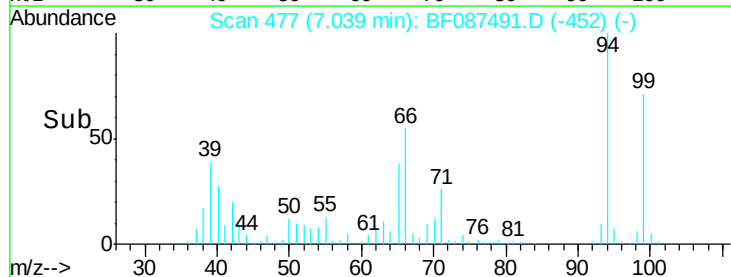
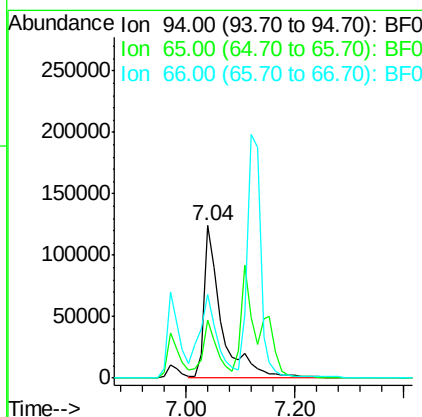
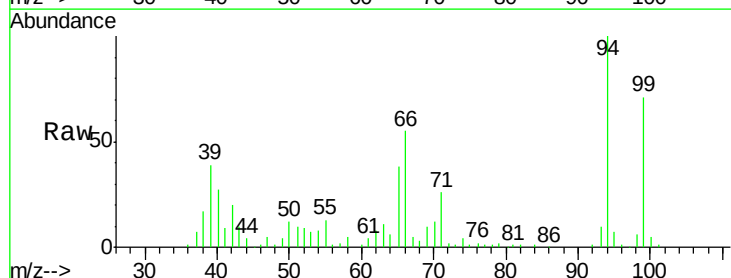
Manual Integrations
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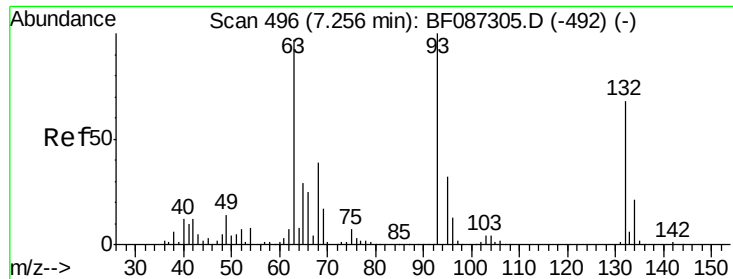
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#10
Phenol
Concen: 27.08 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion: 94 Resp: 272117
Ion Ratio Lower Upper
94 100
65 37.7 7.2 47.2
66 55.0 14.9 54.9#





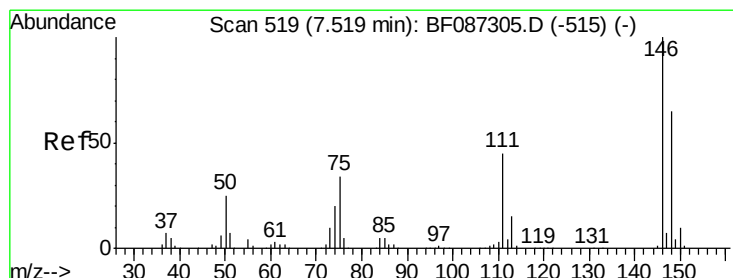
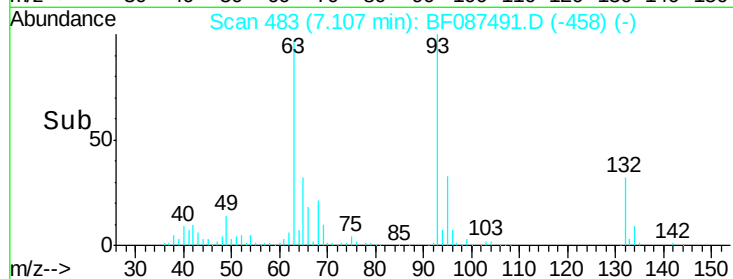
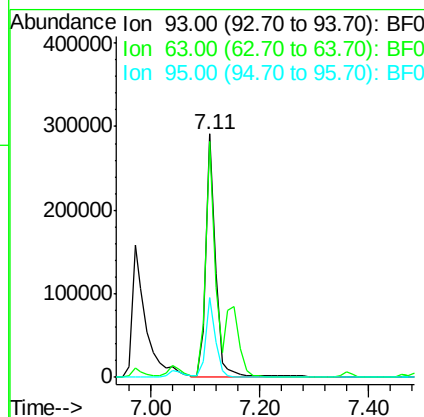
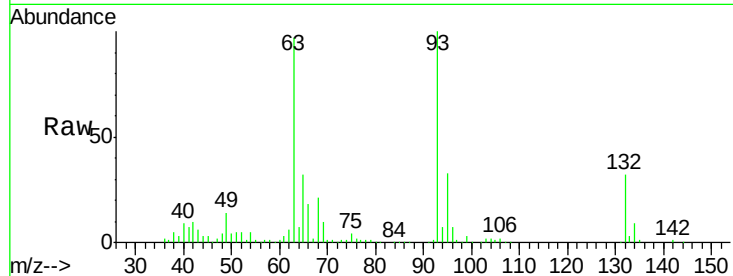
#11
bis(2-Chloroethyl)ether
Concen: 43.77 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	97.0	58.0	98.0
95	32.9	11.9	51.9

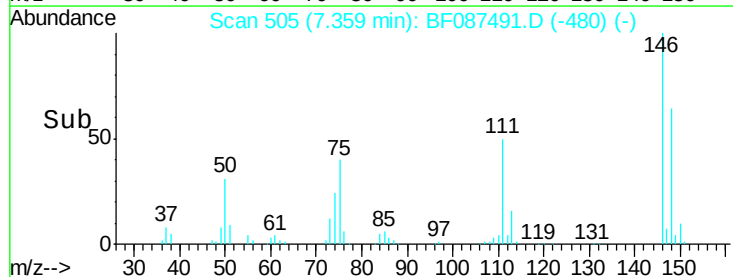
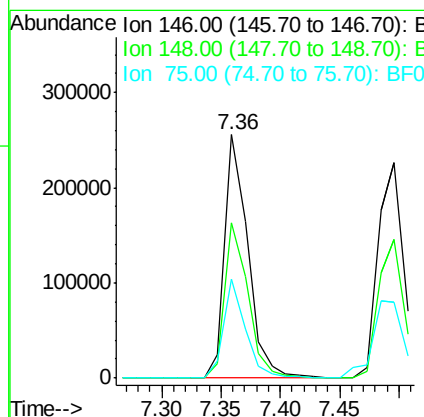
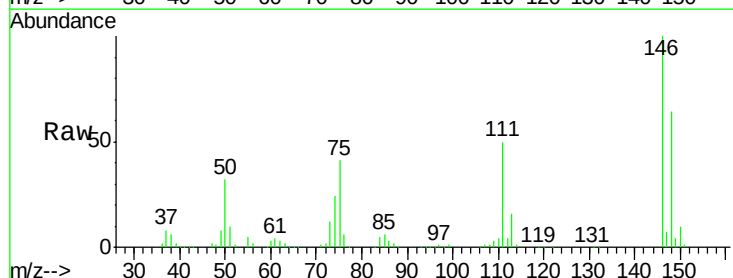
Manual Integrations
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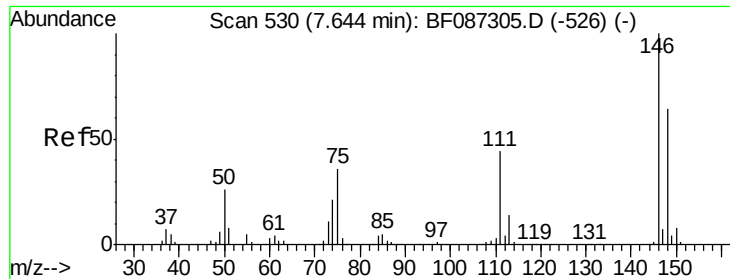
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#12
1,3-Dichlorobenzene
Concen: 37.50 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.0	52.4	78.6
75	40.5	22.8	34.2





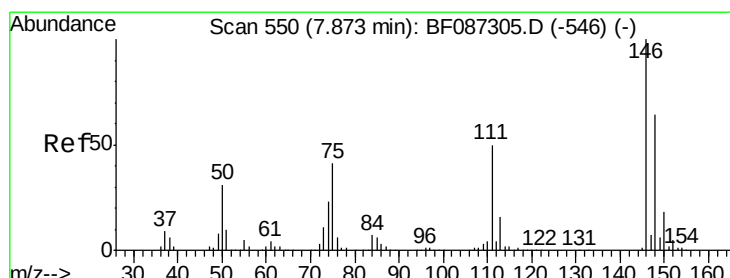
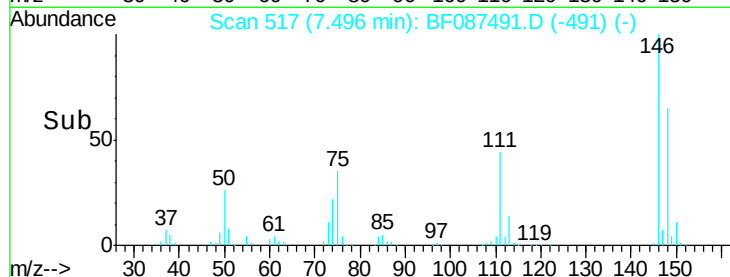
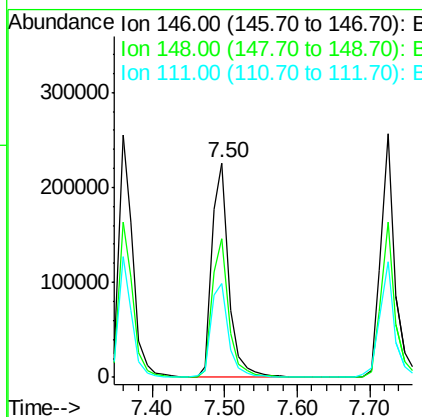
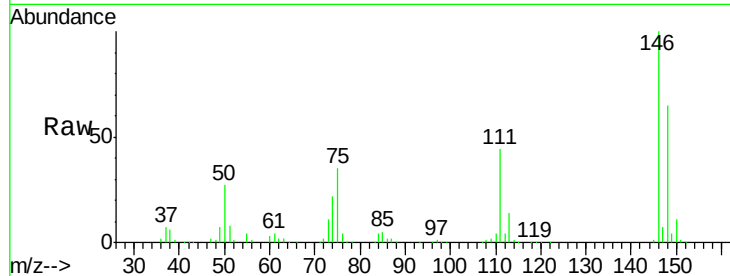
#13
 1,4-Dichlorobenzene
 Concen: 38.40 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	365199		
148	64.7	52.2	78.4	
111	43.8	30.7	46.1	

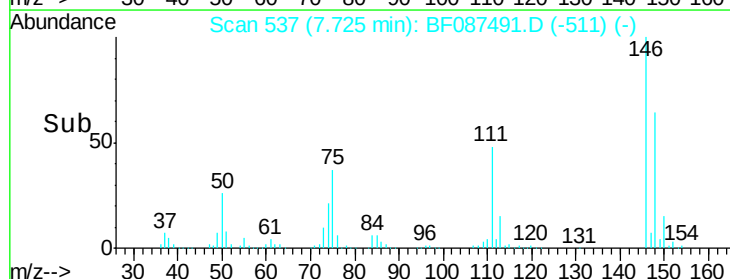
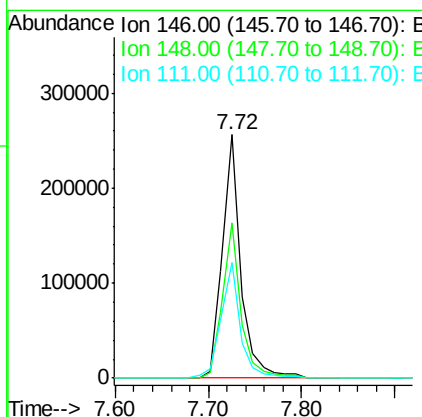
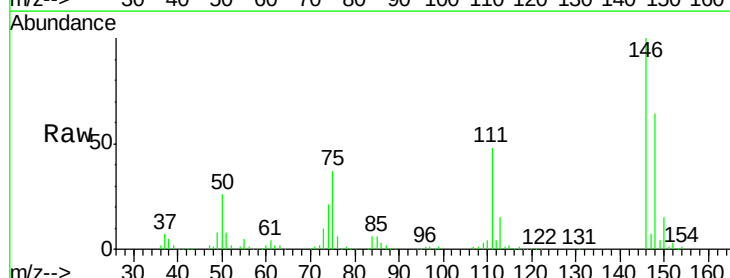
Manual Integrations
 APPROVED

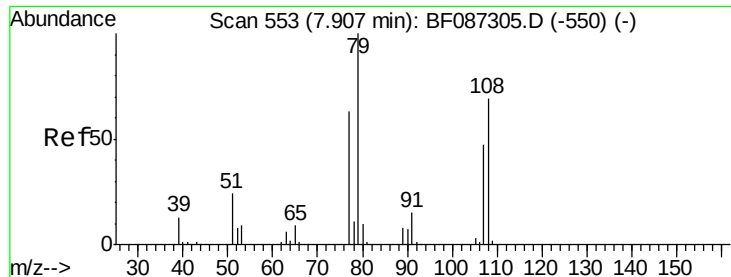
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#14
 1,2-Dichlorobenzene
 Concen: 40.05 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	352384		
148	63.9	51.0	76.6	
111	47.7	36.2	54.4	





#15

Benzyl Alcohol

Concen: 36.44 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

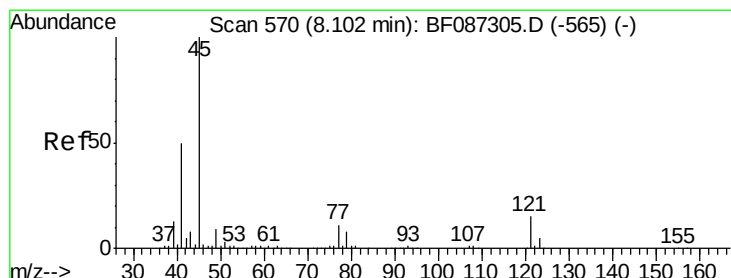
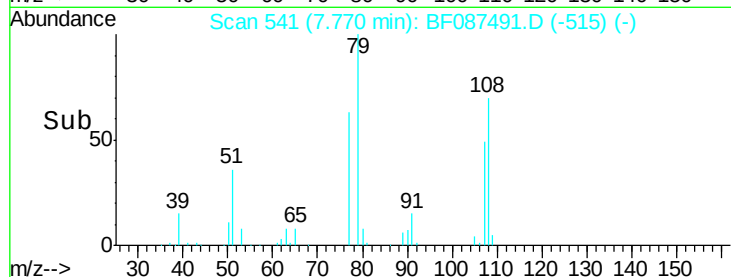
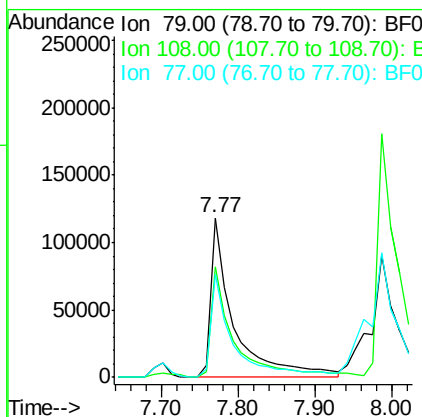
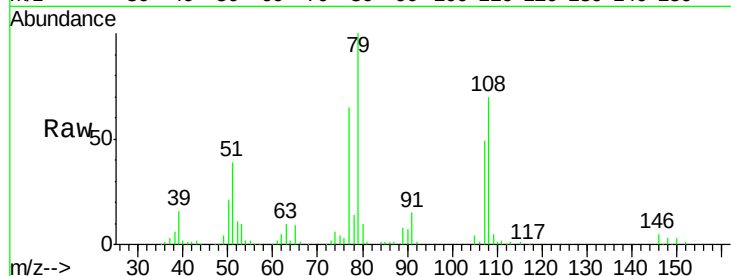
ClientSampleId :

MW-02MSD

Tgt Ion:	79	Resp:	244504
Ion Ratio	Lower	Upper	
79	100		
108	69.6	68.4	102.6
77	64.5	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.89 ng

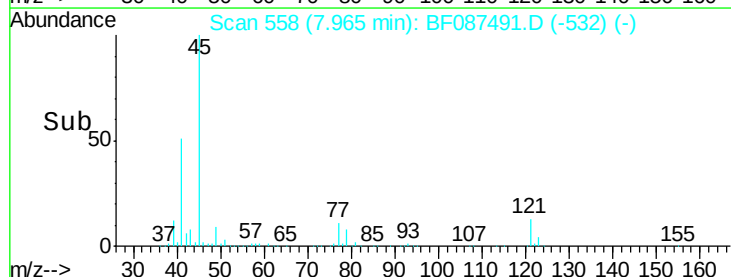
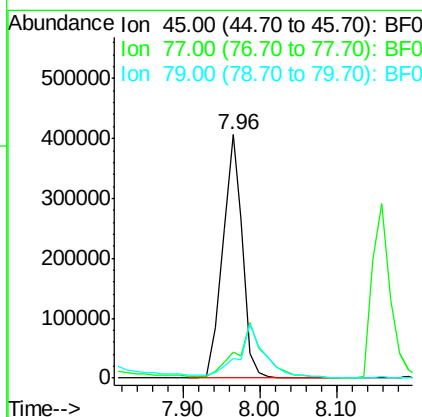
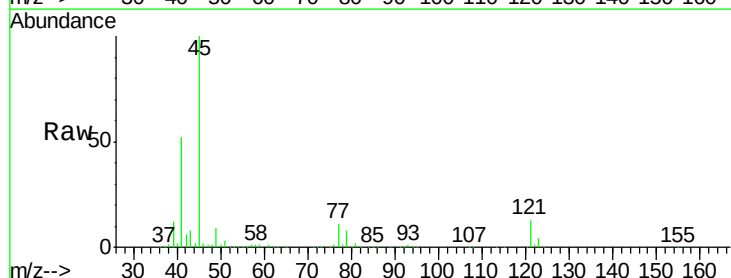
RT: 7.96 min Scan# 558

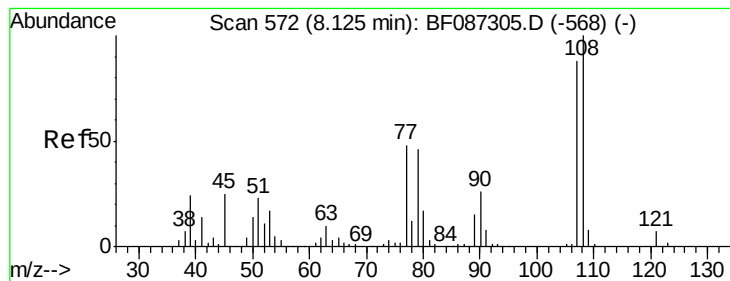
Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	45	Resp:	730133
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	36.4
79	8.0	0.0	33.4





#17

2-Methylphenol

Concen: 42.25 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

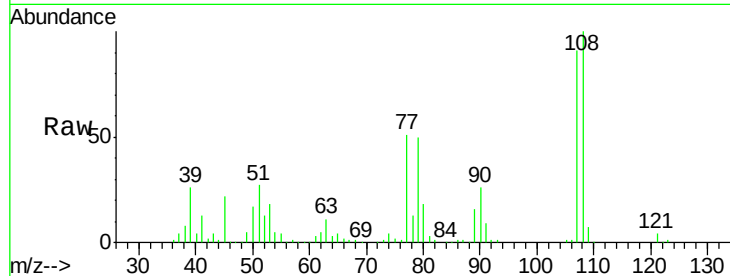
ClientSampleId :

MW-02MSD

Tgt Ion:	107	Resp:	287576
Ion Ratio	Lower	Upper	
107	100		
108	110.1	93.7	140.5
77	56.3	33.4	50.0#
79	55.1	34.3	51.5#

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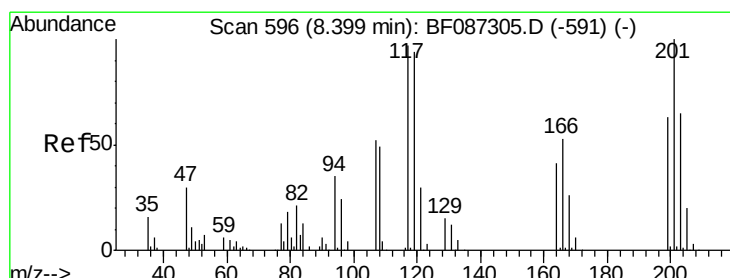
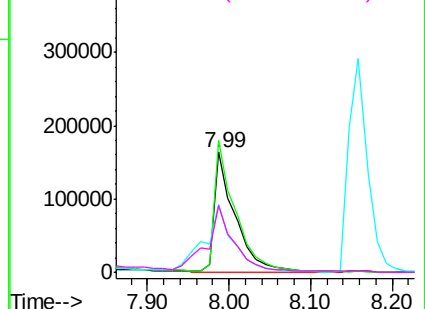
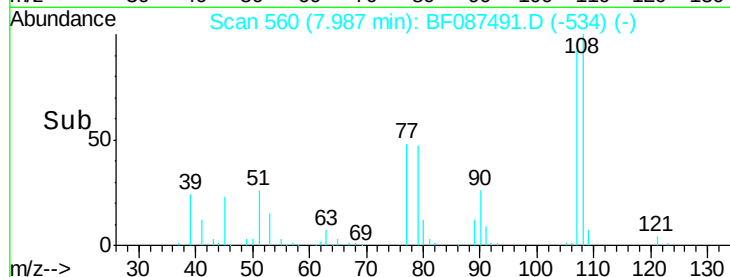


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.91 ng

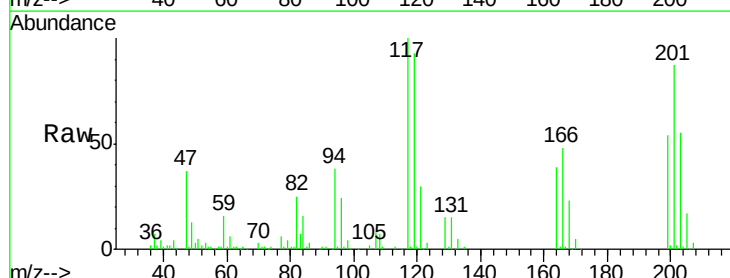
RT: 8.24 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

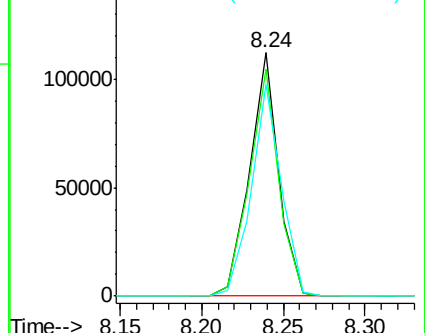
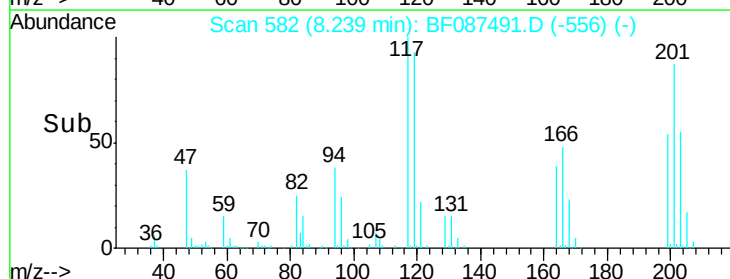
Tgt Ion:	117	Resp:	138067
Ion Ratio	Lower	Upper	
117	100		
119	93.5	76.5	114.7
201	86.7	63.0	94.6

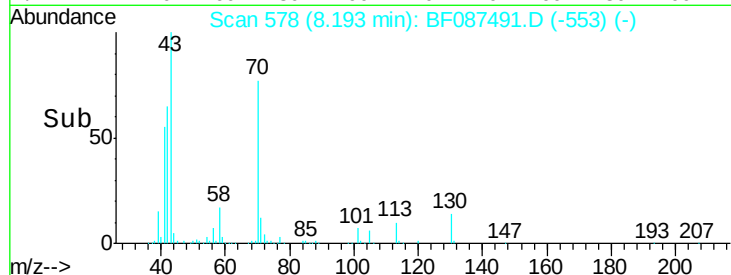
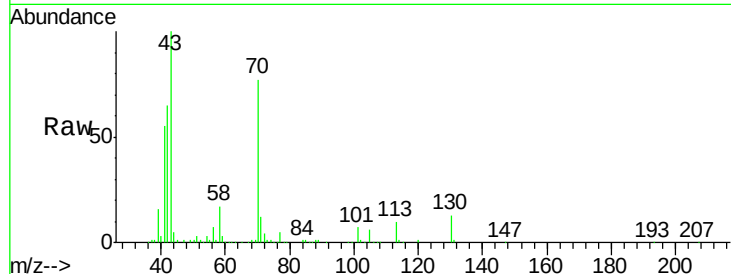
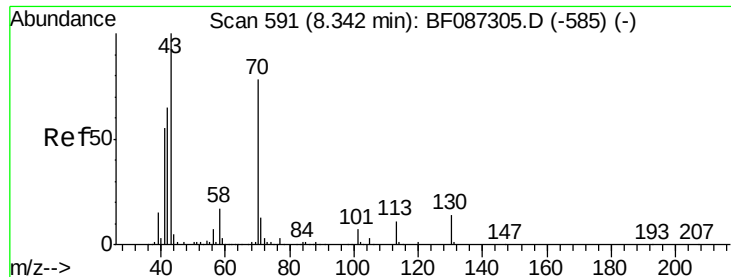


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





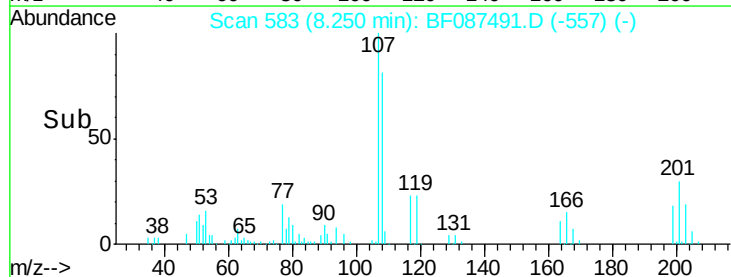
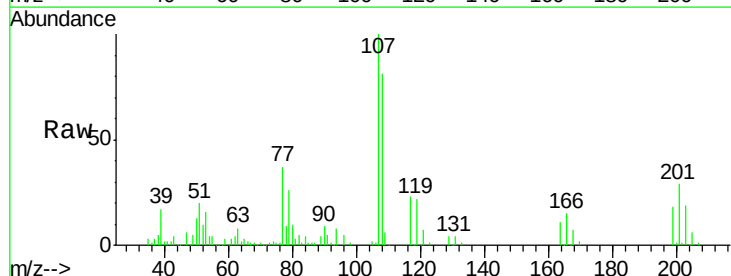
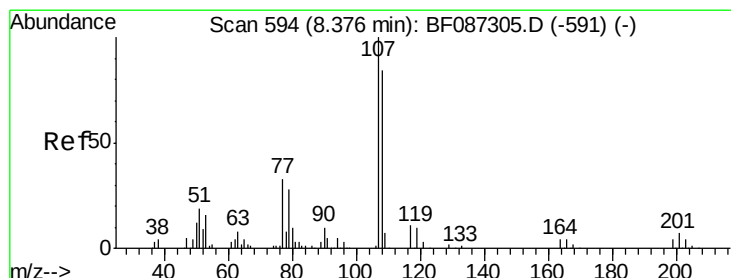
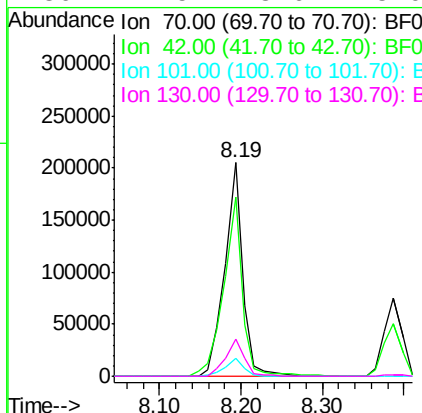
#19
n-Nitroso-di-n-propylamine
Concen: 45.44 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	311866		
42	84.1	43.1	64.7#	
101	8.7	8.1	12.1	
130	17.5	18.6	28.0#	

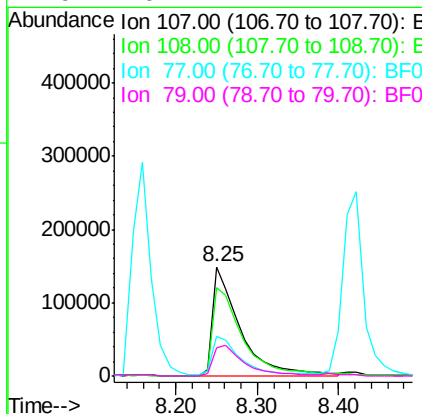
Manual Integrations
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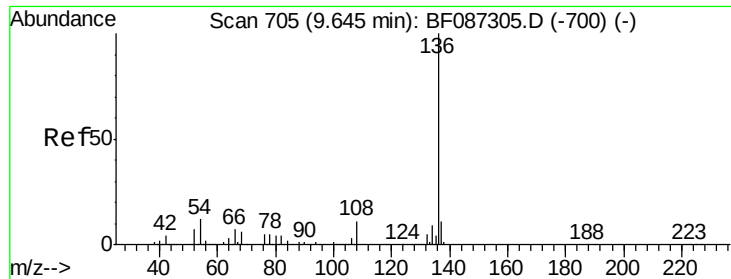
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#20
3+4-Methylphenols
Concen: 42.24 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	347636		
108	81.4	68.5	108.5	
77	36.5	101.6	141.6#	
79	26.4	7.4	47.4	





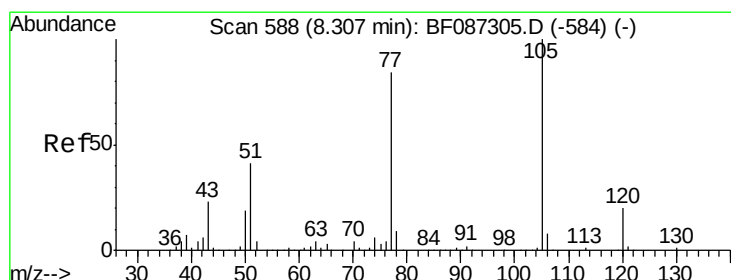
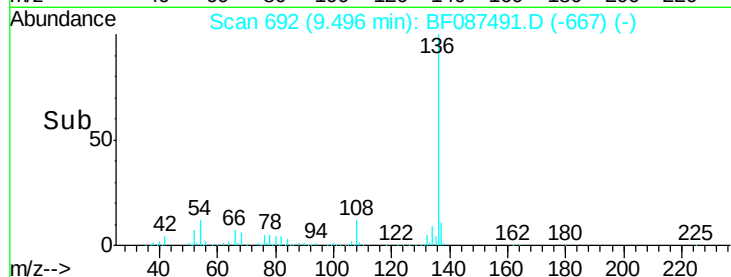
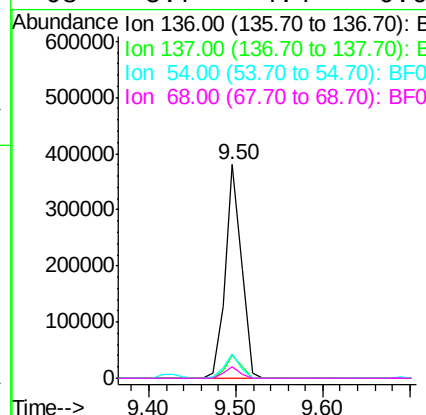
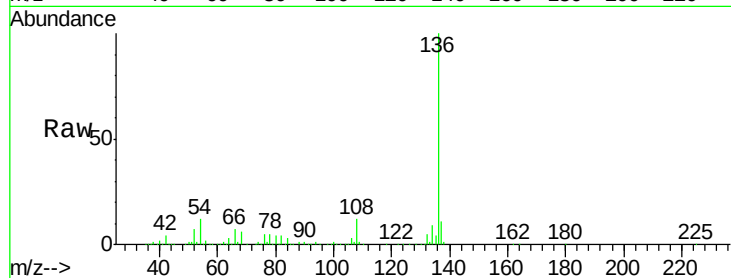
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.5	5.0	7.4#
68	5.7	4.4	6.6

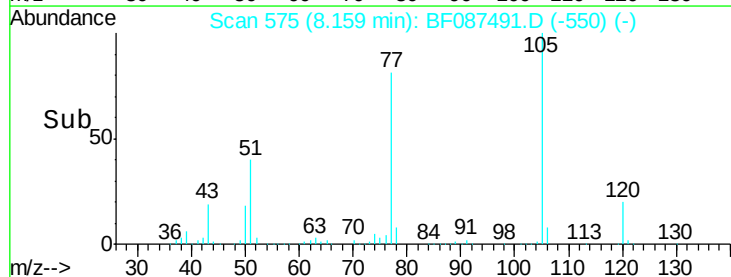
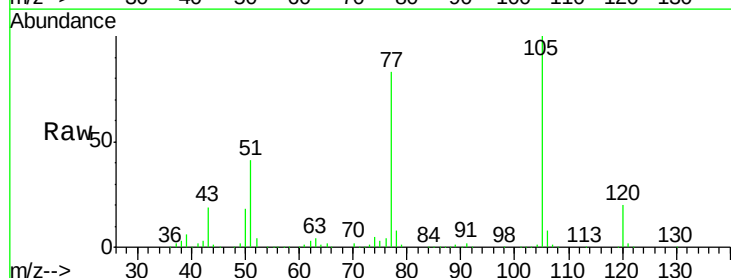
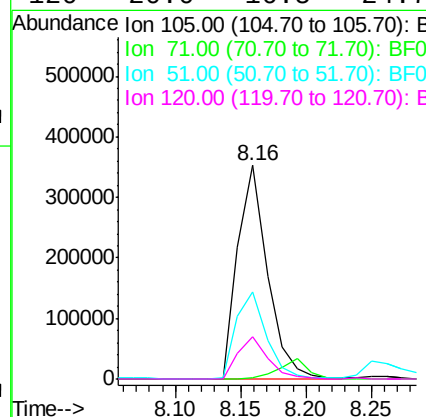
Manual Integrations
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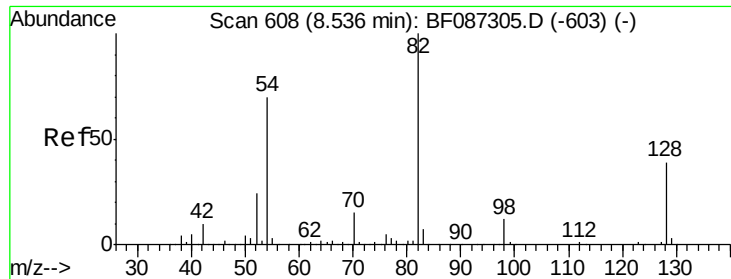
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#22
Acetophenone
Concen: 47.49 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.3	4.8	7.2#
51	40.7	32.6	49.0
120	20.0	16.5	24.7





#23

Nitrobenzene-d5

Concen: 82.69 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

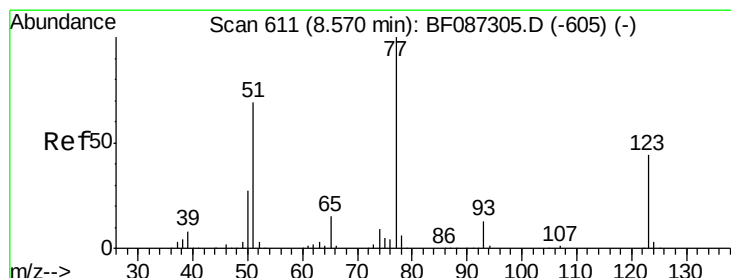
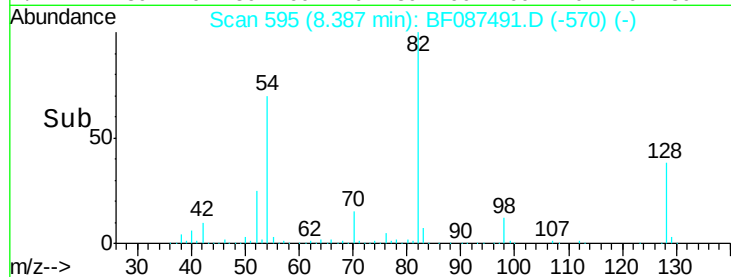
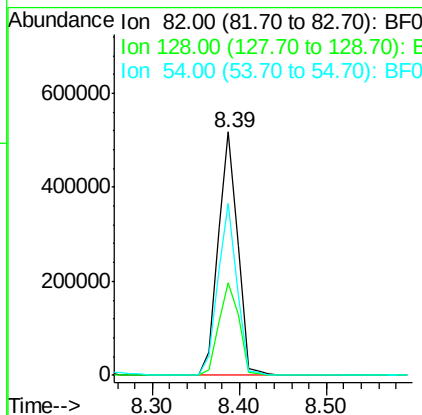
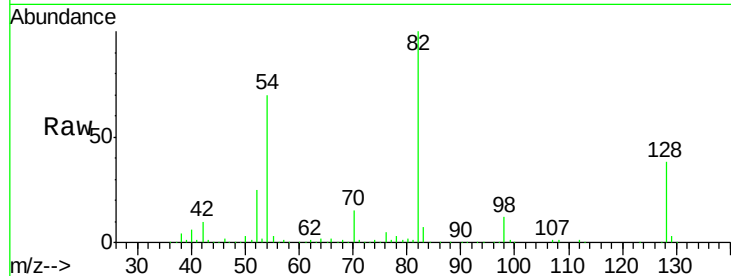
ClientSampleId :

MW-02MSD

Tgt Ion:	82	Resp:	814396
Ion Ratio	Lower	Upper	
82	100		
128	38.0	40.6	61.0#
54	70.4	38.1	57.1#

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#24

Nitrobenzene

Concen: 43.25 ng

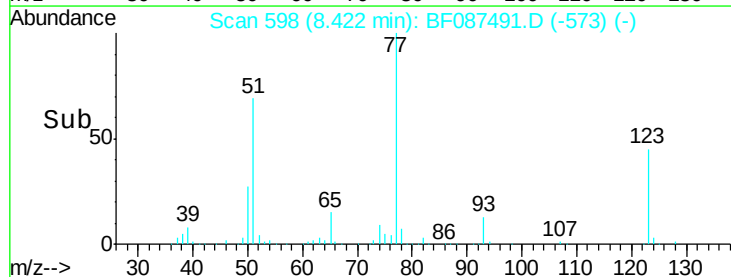
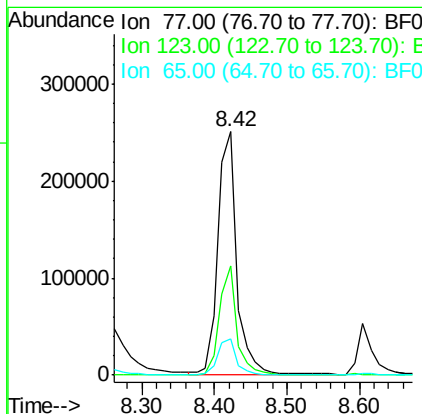
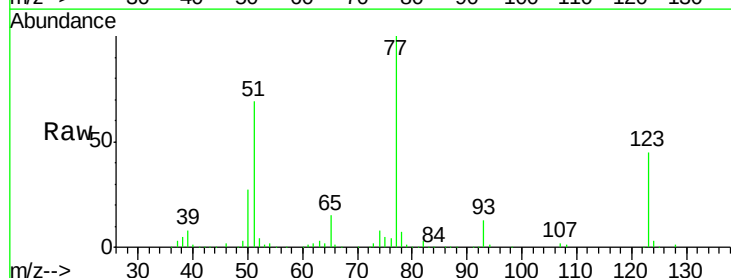
RT: 8.42 min Scan# 598

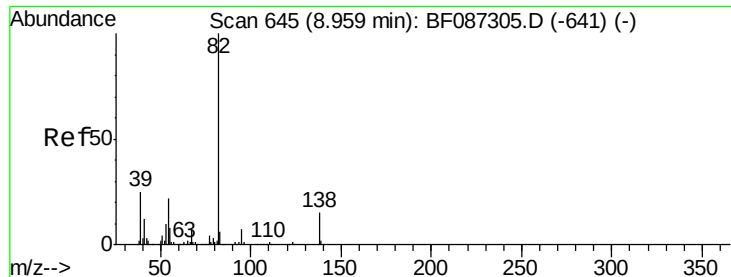
Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	77	Resp:	449589
Ion Ratio	Lower	Upper	
77	100		
123	44.6	33.0	49.4
65	15.0	10.8	16.2





#25

Isophorone

Concen: 44.48 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

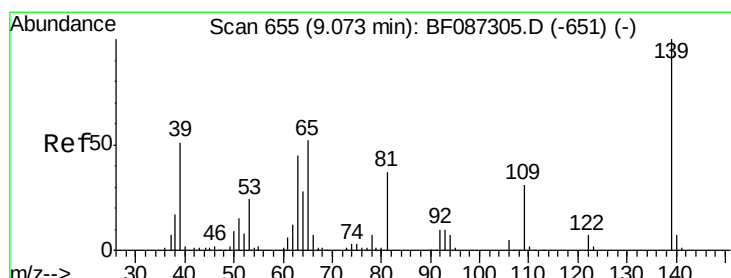
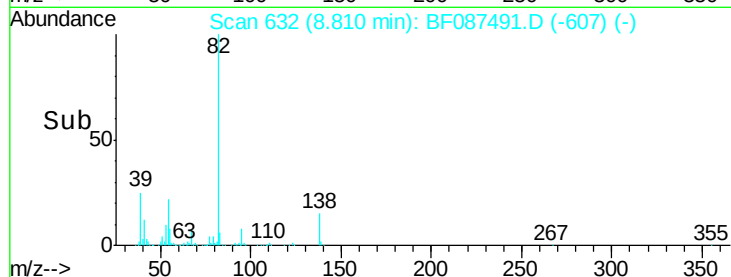
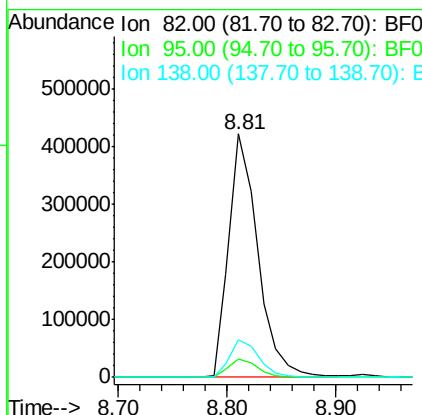
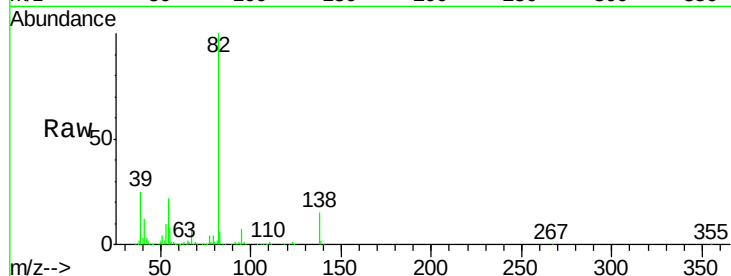
ClientSampleId :

MW-02MSD

Tgt Ion:	82	Resp:	785549
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	15.4	12.4	18.6

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#26

2-Nitrophenol

Concen: 45.01 ng

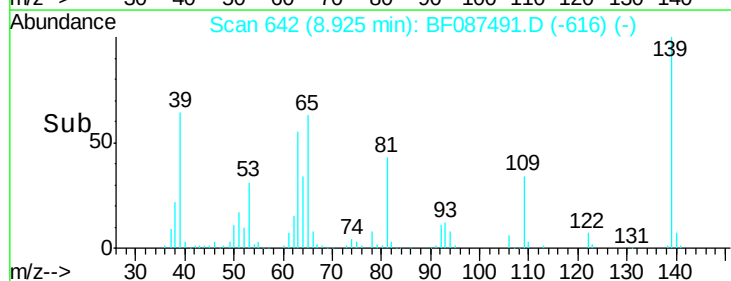
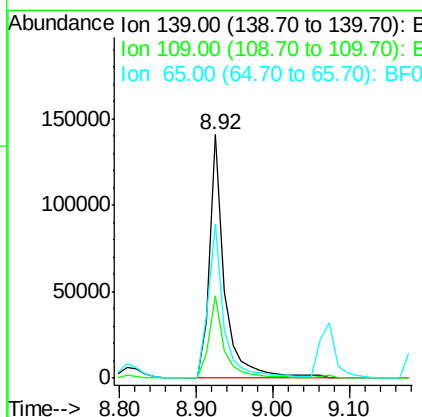
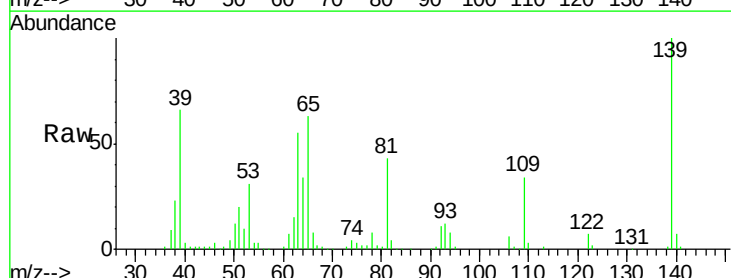
RT: 8.92 min Scan# 642

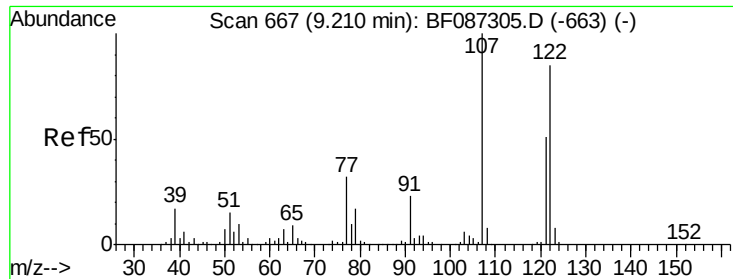
Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	139	Resp:	191268
Ion Ratio	Lower	Upper	
139	100		
109	33.7	19.5	29.3#
65	63.3	37.5	56.3#





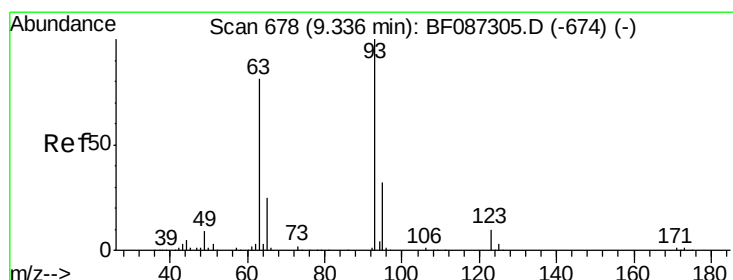
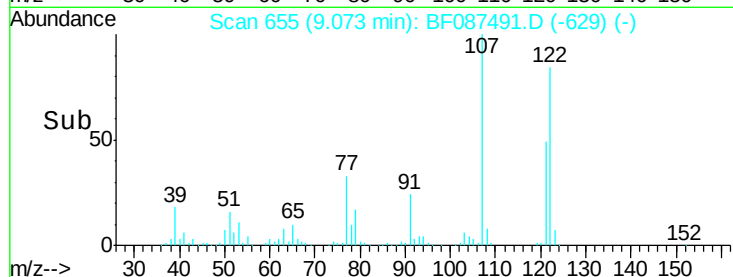
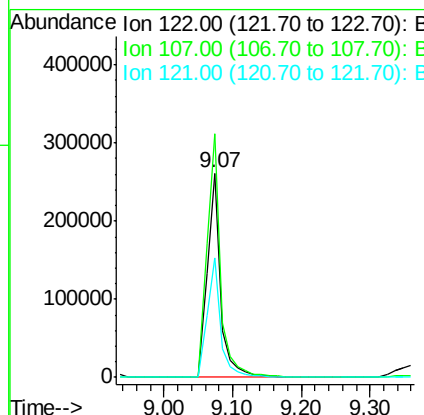
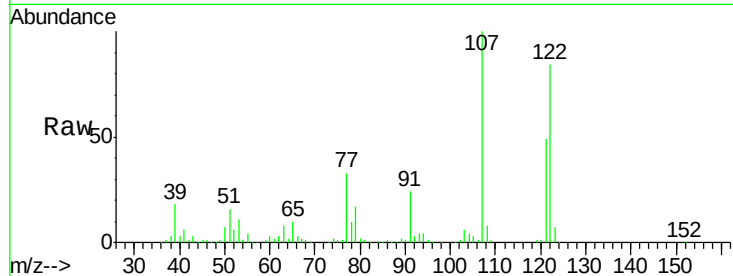
#27
 2,4-Dimethylphenol
 Concen: 47.20 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	348182		
107	119.3	82.0	123.0	
121	58.8	46.1	69.1	

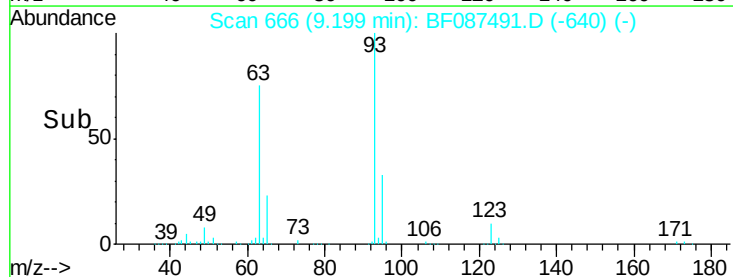
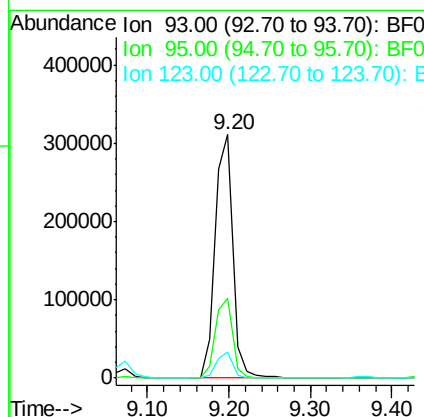
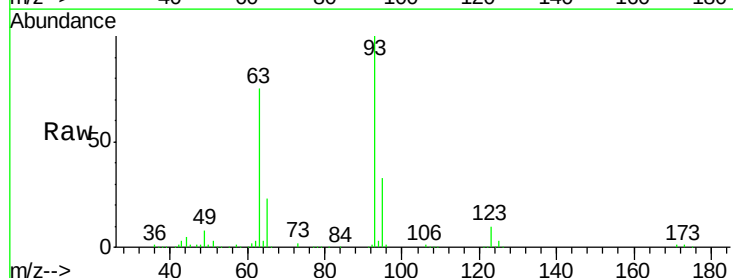
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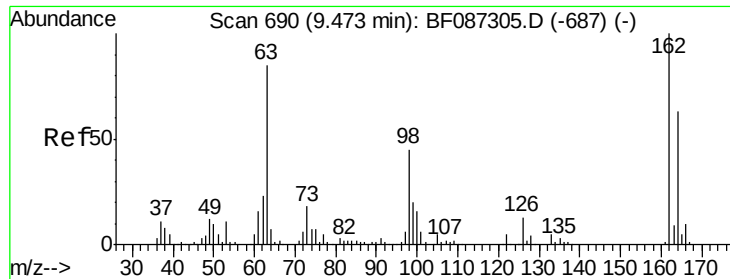
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.37 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	471231		
95	32.8	26.0	39.0	
123	10.5	9.5	14.3	





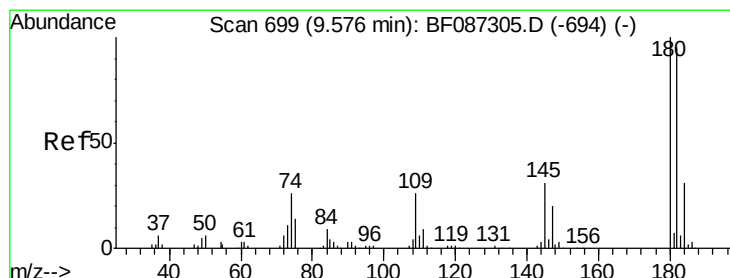
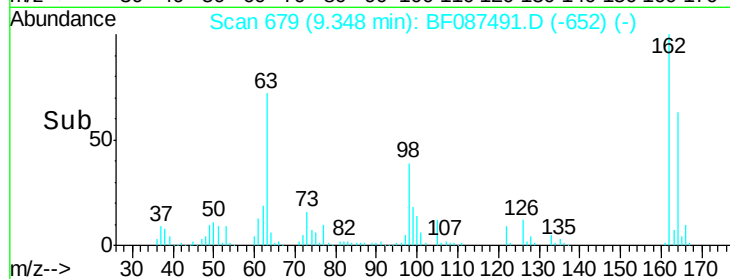
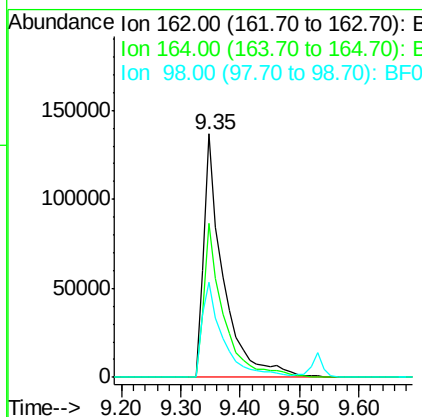
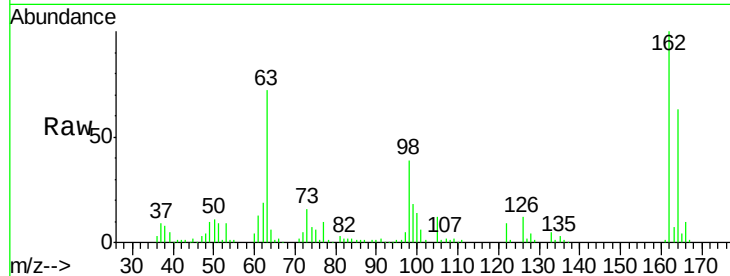
#29
 2,4-Dichlorophenol
 Concen: 47.62 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion:	162	Resp:	316571
Ion Ratio	Lower	Upper	
162	100		
164	63.2	42.2	82.2
98	39.3	19.0	59.0

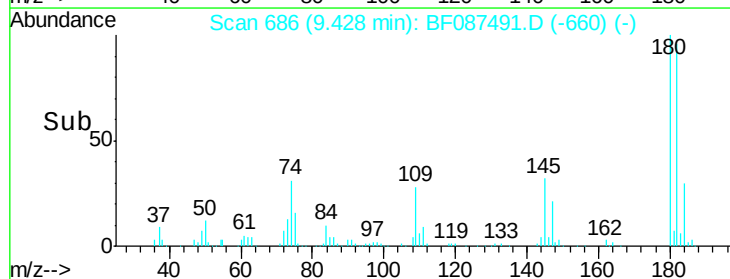
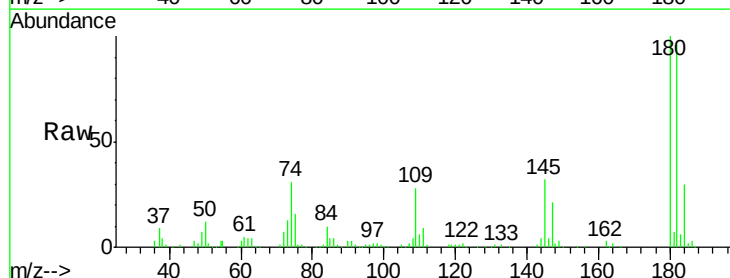
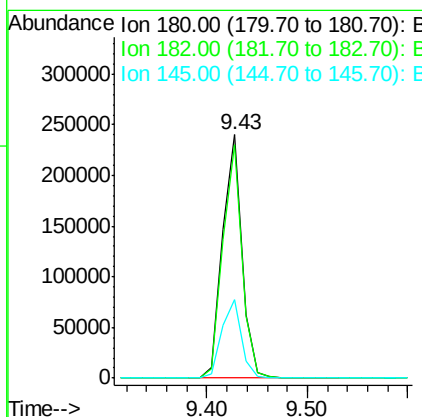
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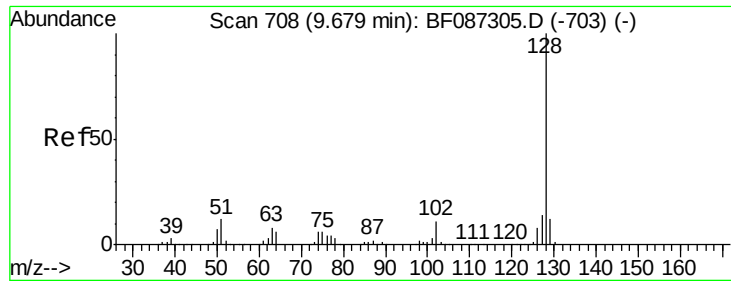
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.17 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion:	180	Resp:	320957
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.0	117.0
145	32.2	24.2	36.2





#31

Naphthalene

Concen: 42.58 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

MW-02MSD

Tgt Ion:128 Resp: 1058982

Ion Ratio Lower Upper

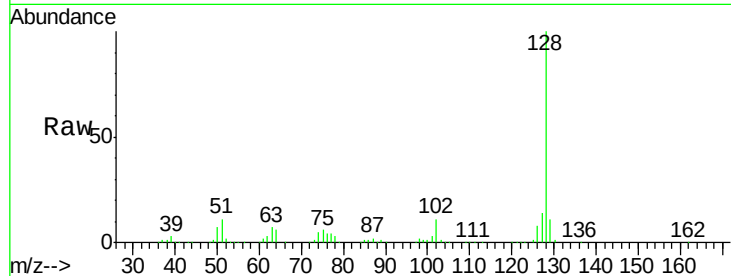
128 100

129 11.4 8.6 13.0

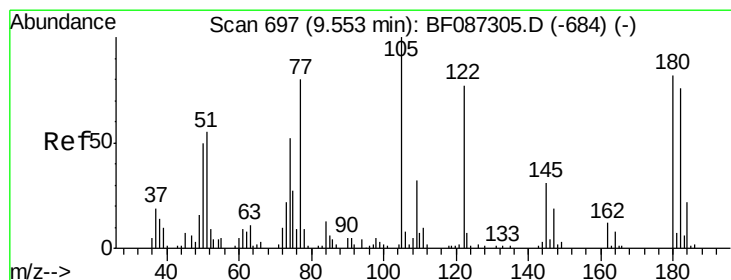
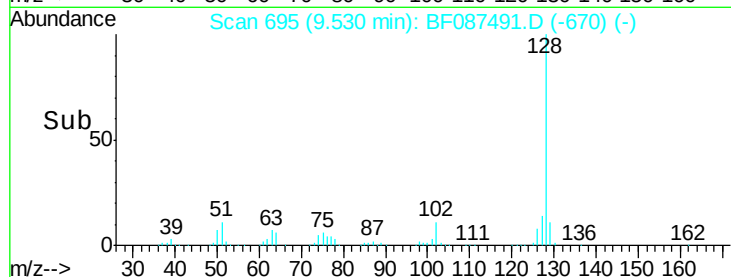
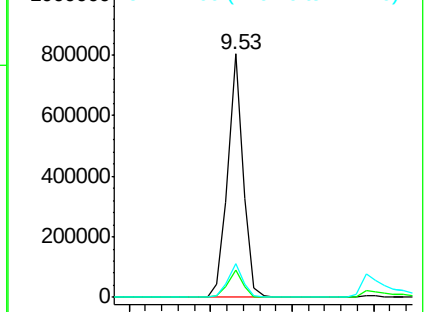
127 13.8 10.8 16.2

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



#32

Benzoic acid

Concen: 20.03 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.06 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

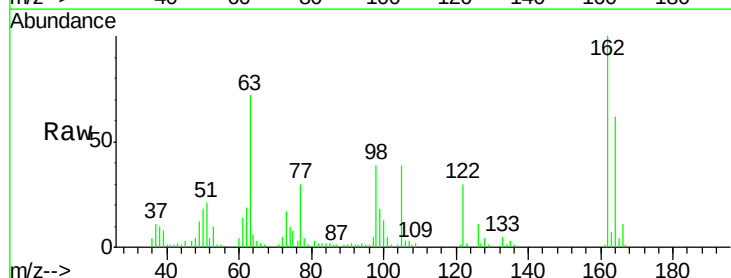
Tgt Ion:122 Resp: 61415

Ion Ratio Lower Upper

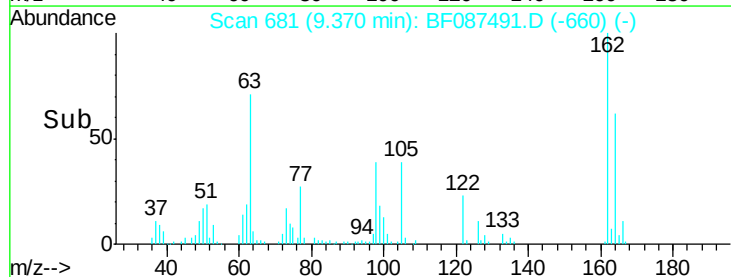
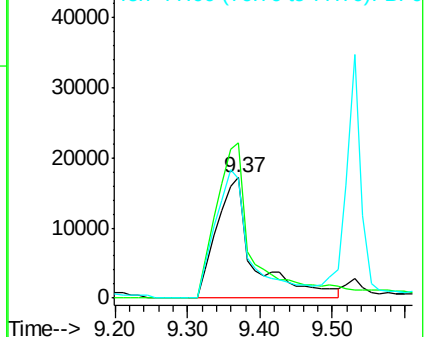
122 100

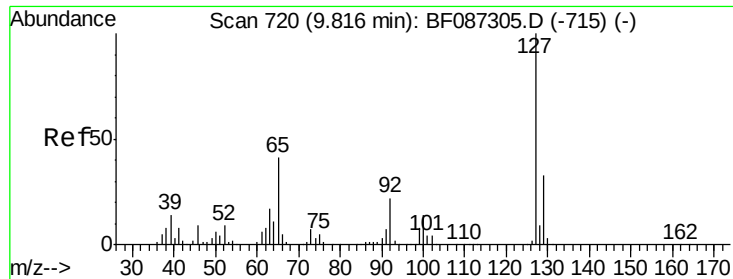
105 128.9 92.6 132.6

77 99.1 60.0 100.0



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





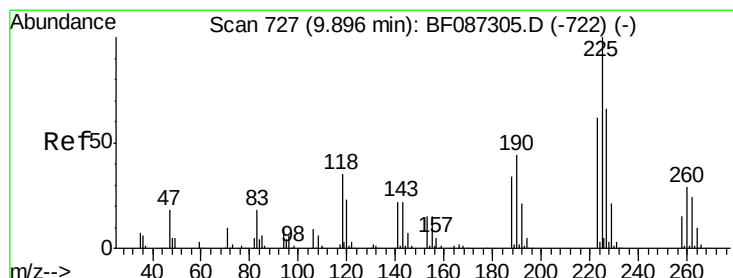
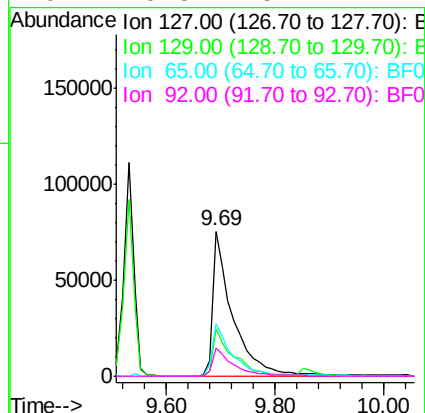
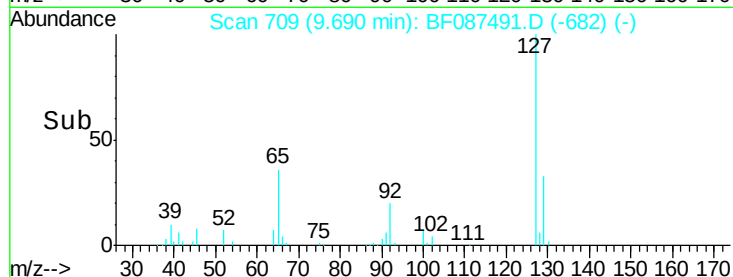
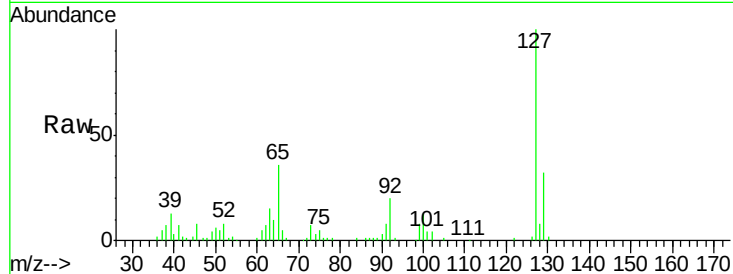
#33
4-Chloroaniline
Concen: 21.31 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	195236		
129	32.5	26.2	39.4	
65	36.3	23.0	34.4	
92	19.8	15.1	22.7	

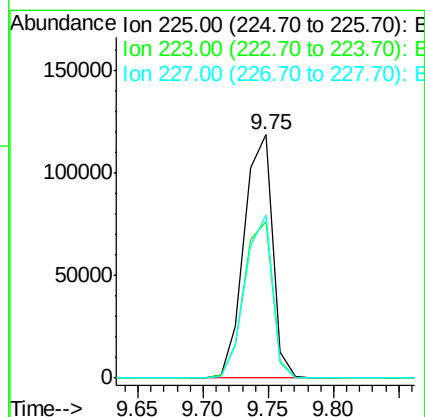
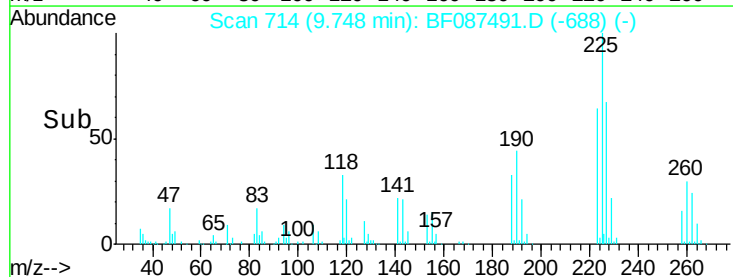
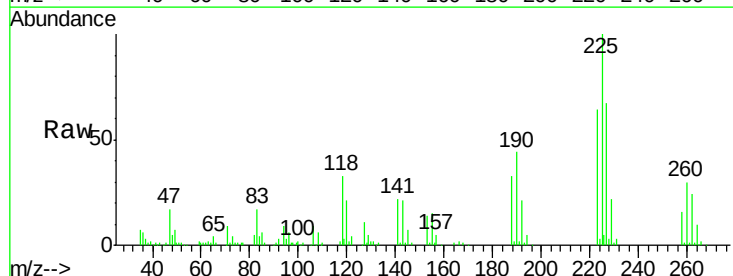
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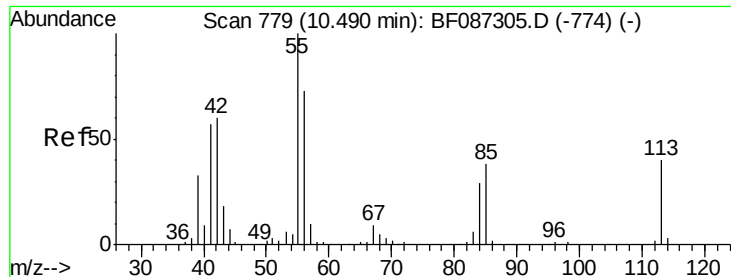
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#34
Hexachlorobutadiene
Concen: 38.80 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	179479		
223	64.4	51.5	77.3	
227	66.9	52.2	78.2	





#35

Caprolactam

Concen: 9.97 ng m

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

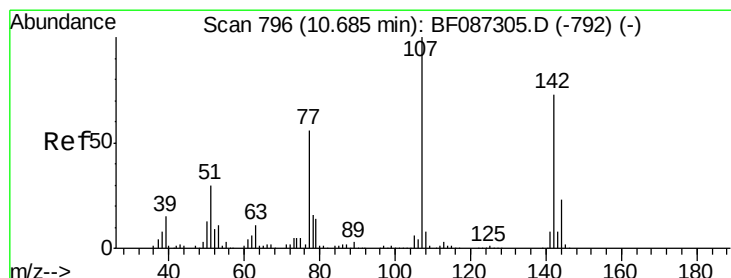
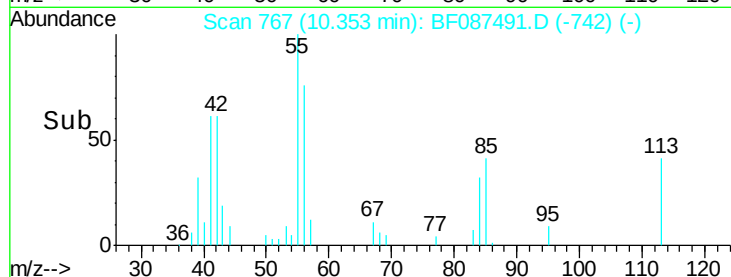
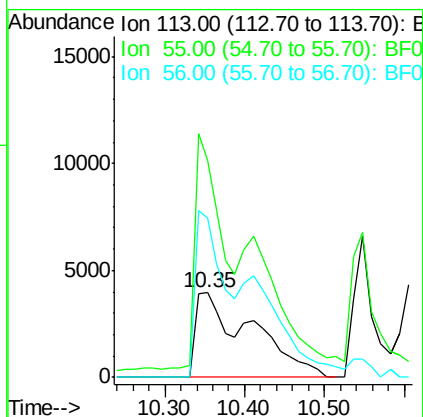
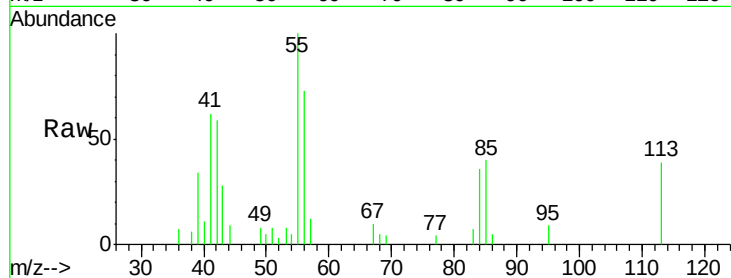
ClientSampleId :

MW-02MSD

Tgt Ion:113 Resp: 19336
 Ion Ratio Lower Upper
 113 100
 55 255.9 162.0 202.0#
 56 188.0 115.3 155.3#

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#36

4-Chloro-3-methylphenol

Concen: 48.13 ng

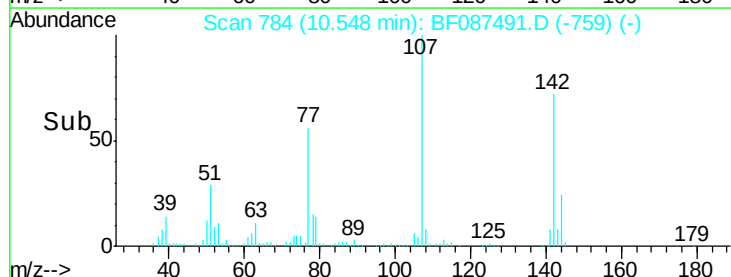
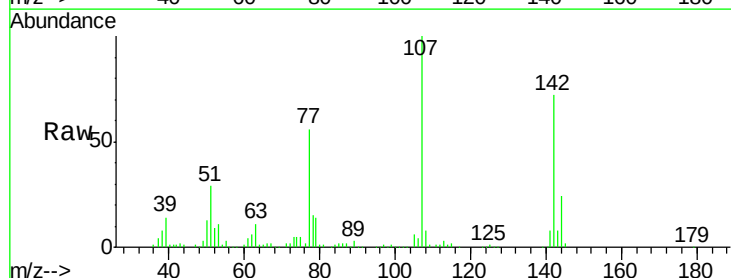
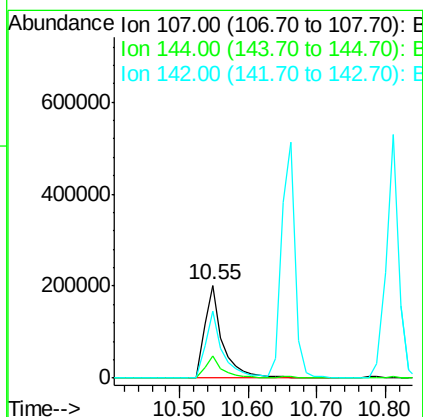
RT: 10.55 min Scan# 784

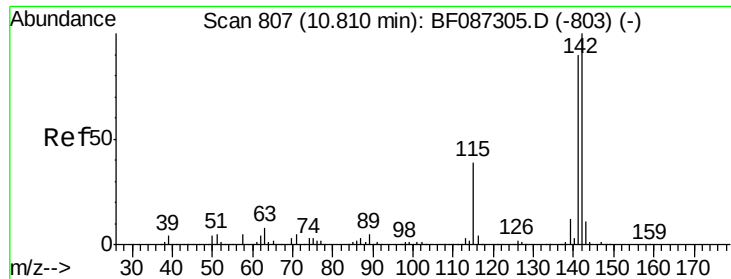
Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:107 Resp: 361760
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.7 31.1
 142 72.3 63.2 94.8





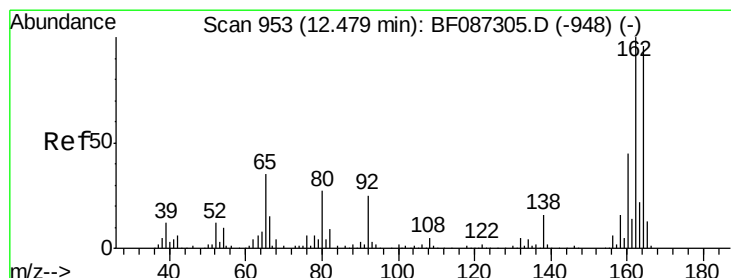
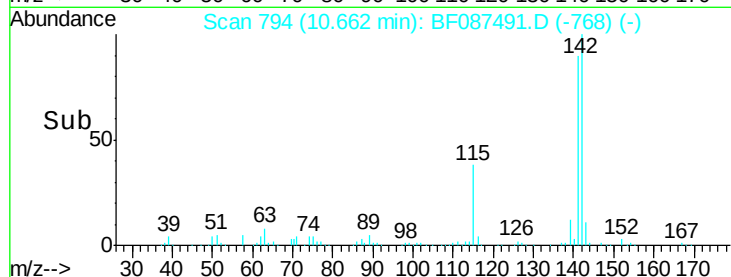
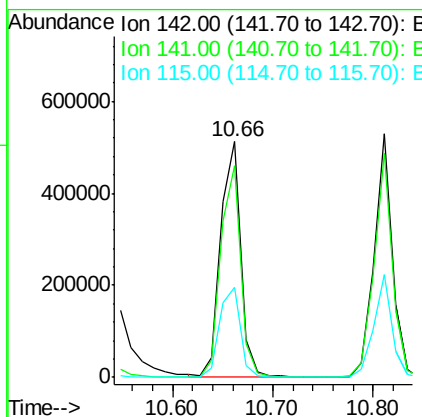
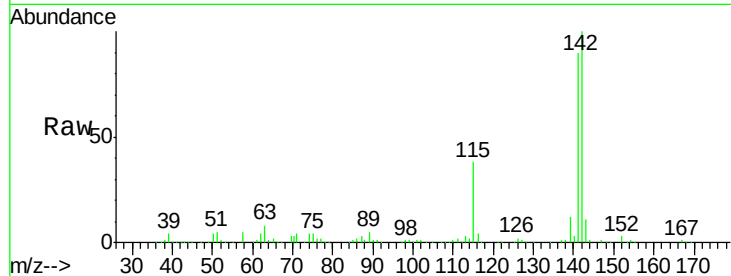
#37
2-Methylnaphthalene
Concen: 45.86 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	712521		
141	89.8	71.0	106.6	
115	38.1	26.6	39.8	

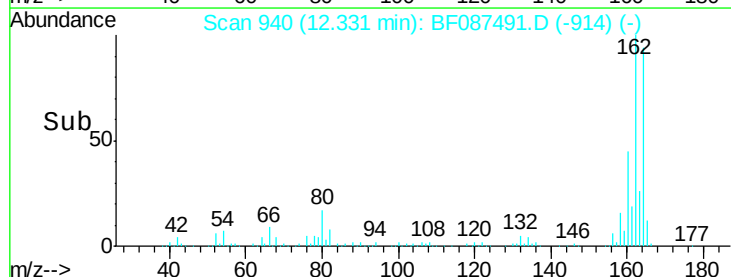
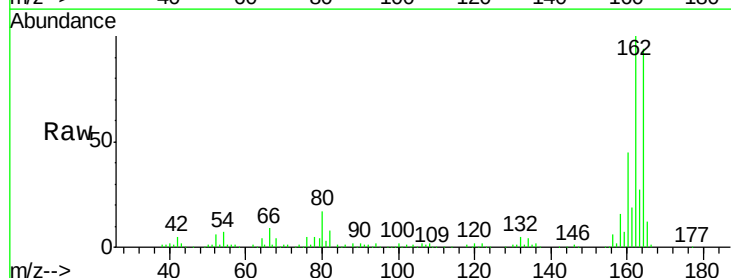
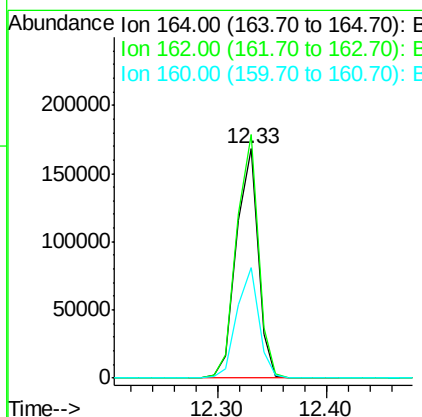
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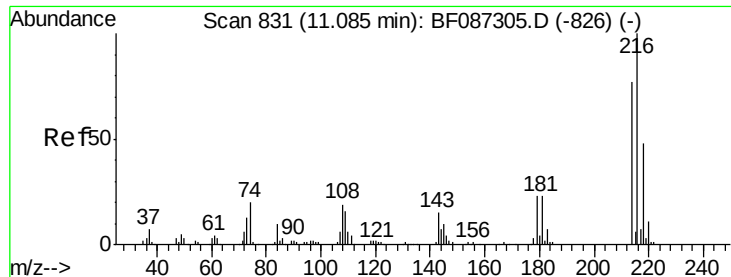
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230488		
162	106.2	82.8	124.2	
160	48.1	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.98 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF087491.D

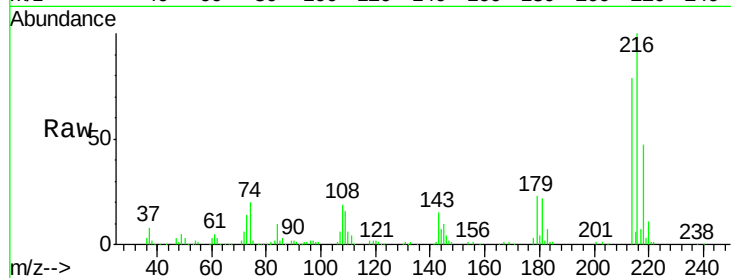
Acq: 28 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

MW-02MSD



Tgt Ion: 216 Resp: 317126

Ion Ratio Lower Upper

216 100

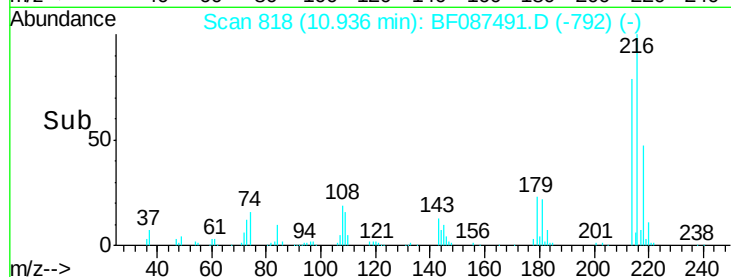
214 78.2 62.6 93.8

179 23.8 18.2 27.4

108 24.2 17.5 26.3

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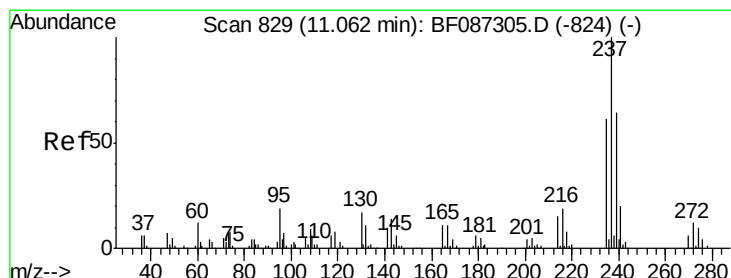
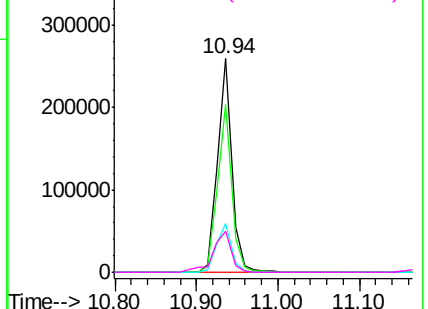


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.14 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

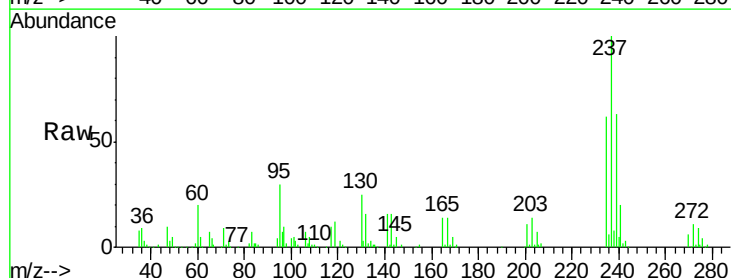
Tgt Ion: 237 Resp: 177939

Ion Ratio Lower Upper

237 100

235 61.8 47.2 87.2

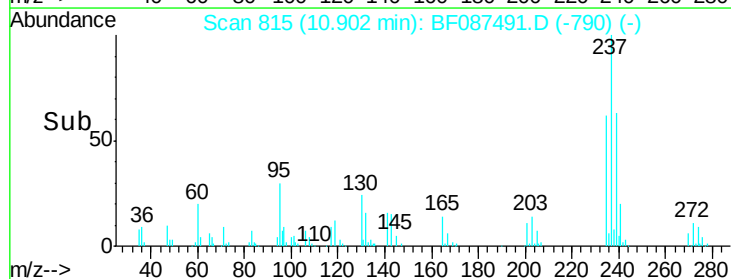
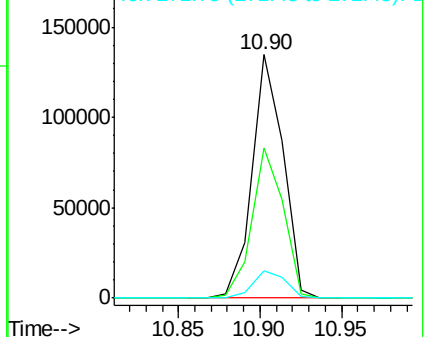
272 11.1 0.0 31.1

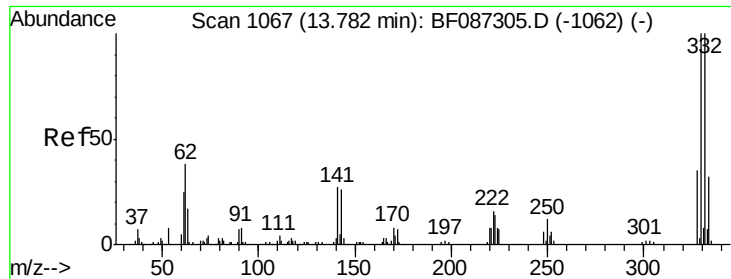


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 131.75 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

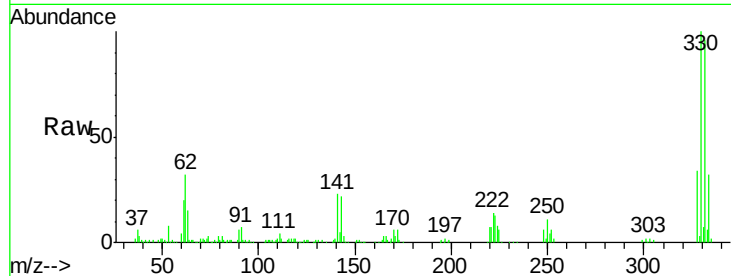
ClientSampled :

MW-02MSD

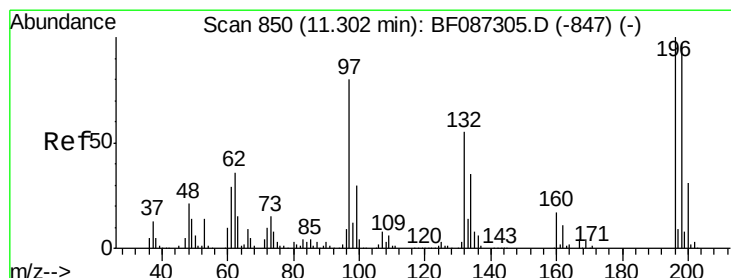
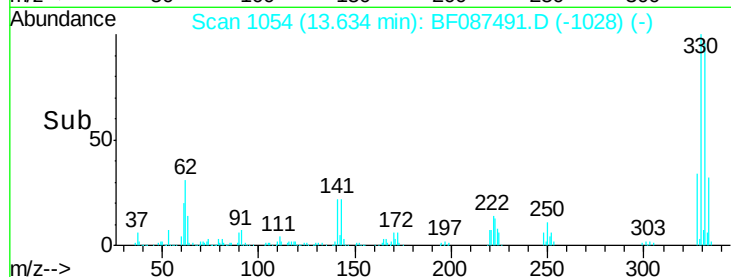
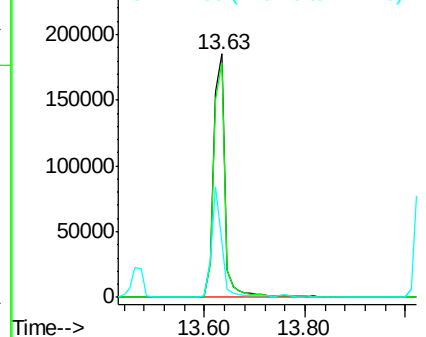
Tgt Ion:	330	Resp:	291823
Ion Ratio	Lower	Upper	
330	100		
332	96.7	79.0	118.4
141	41.3	31.2	46.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.94 ng

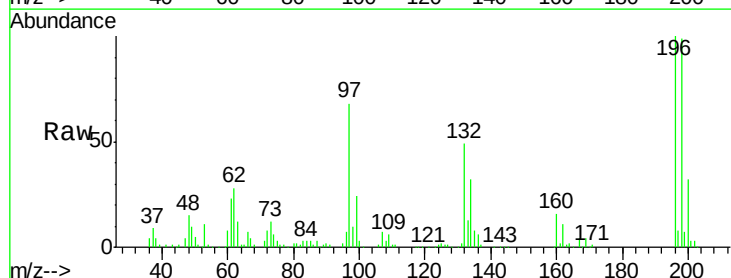
RT: 11.16 min Scan# 838

Delta R.T. -0.00 min

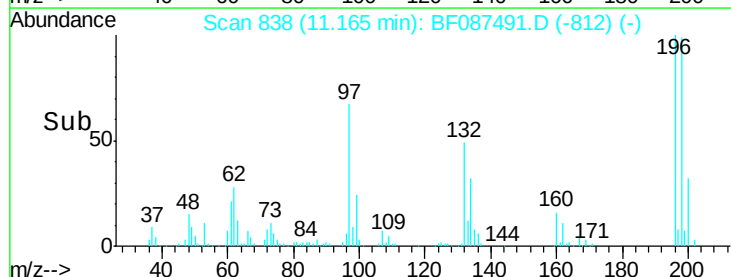
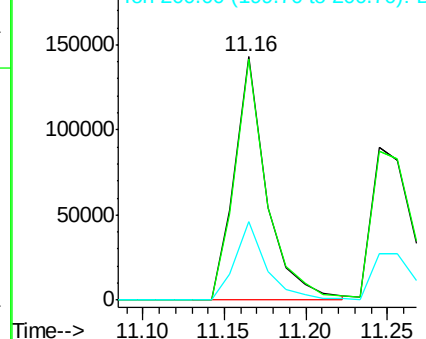
Lab File: BF087491.D

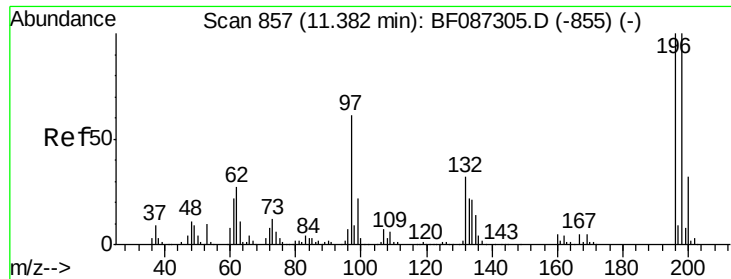
Acq: 28 May 2016 21:45

Tgt Ion:	196	Resp:	195642
Ion Ratio	Lower	Upper	
196	100		
198	98.9	74.7	112.1
200	32.3	23.8	35.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





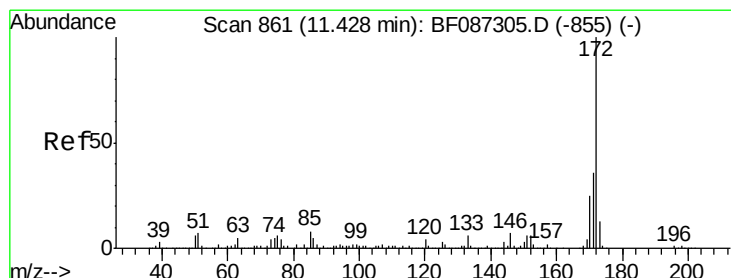
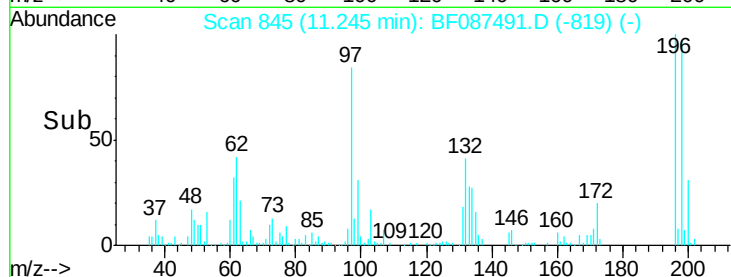
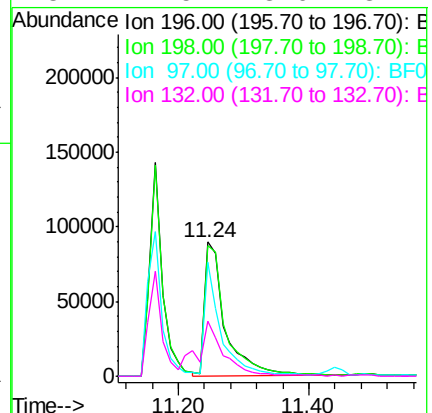
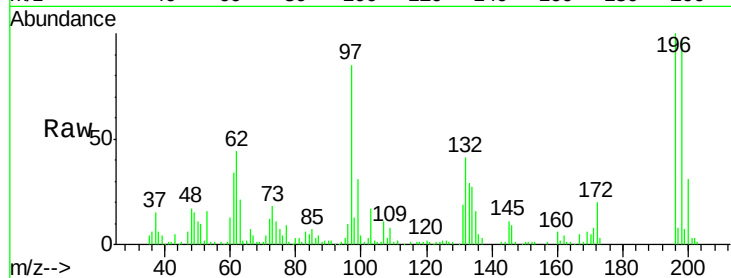
#43
 2,4,5-Trichlorophenol
 Concen: 44.81 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194335		
198	97.1	77.5	116.3	
97	85.4	34.8	52.2	
132	41.5	23.0	34.4	

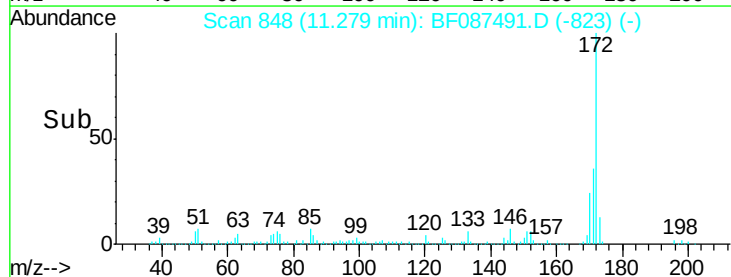
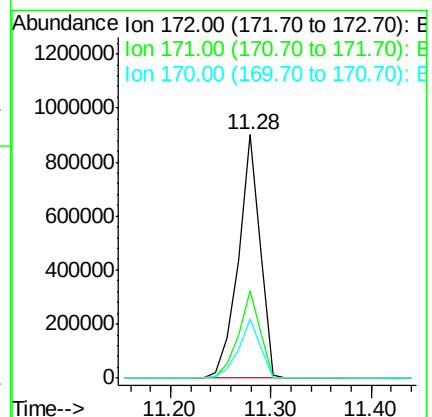
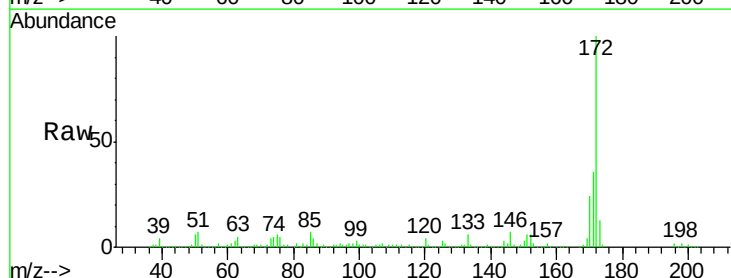
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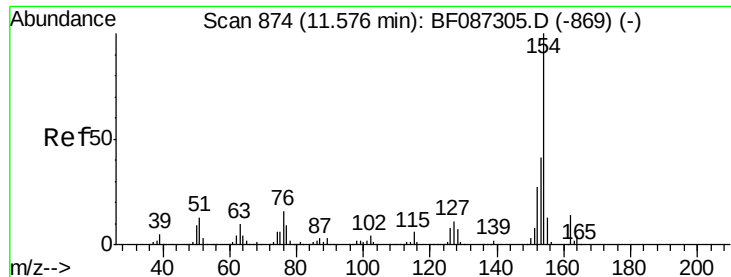
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#44
 2-Fluorobiphenyl
 Concen: 82.09 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1342048		
171	35.7	29.0	43.6	
170	24.2	19.8	29.8	





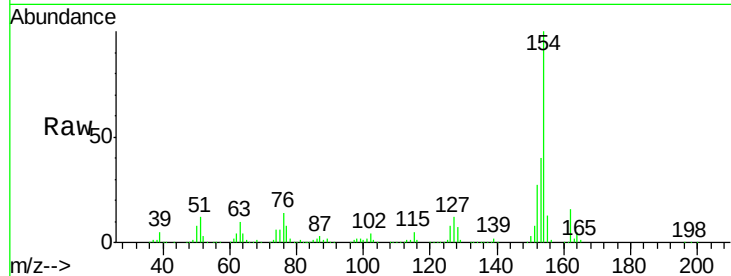
#45
 1,1'-Biphenyl
 Concen: 44.00 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

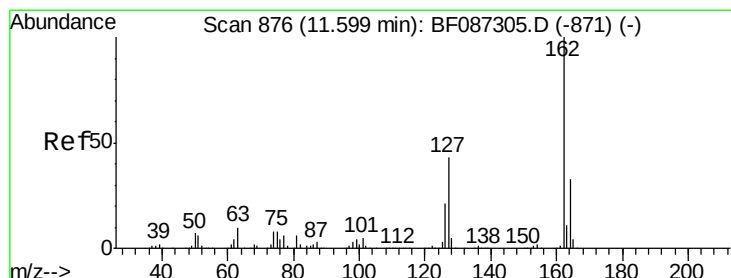
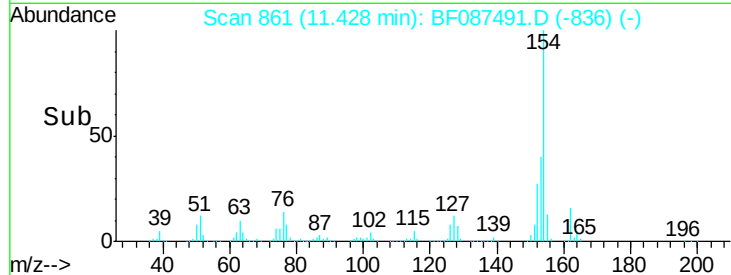
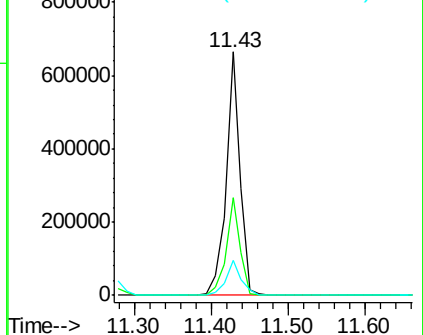
Tgt Ion:	154	Resp:	853824
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.3	60.3
76	14.3	0.0	30.2

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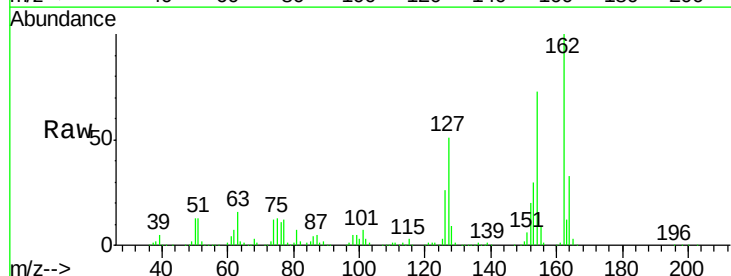


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

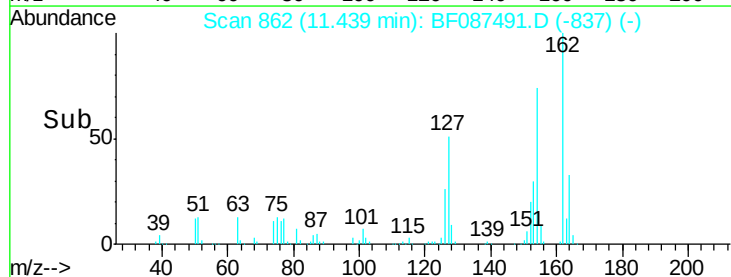
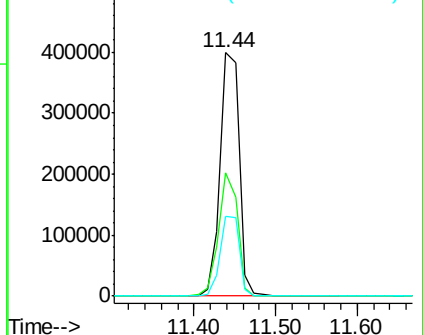


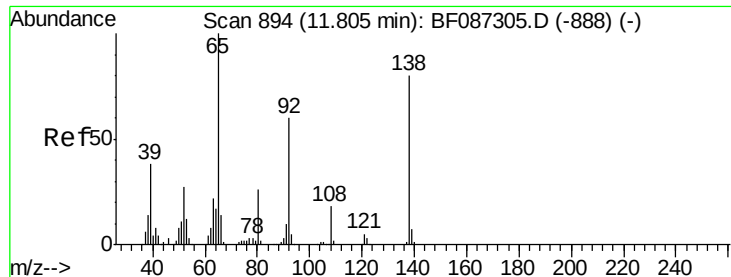
#46
 2-Chloronaphthalene
 Concen: 43.69 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion:	162	Resp:	648683
Ion Ratio	Lower	Upper	
162	100		
127	50.7	31.8	47.6#
164	32.5	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





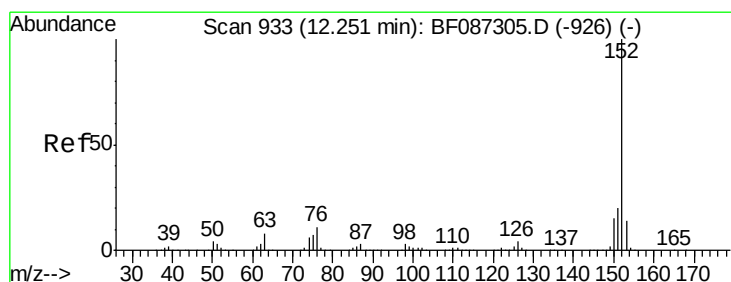
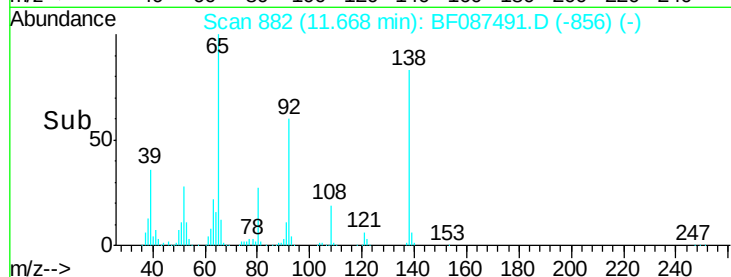
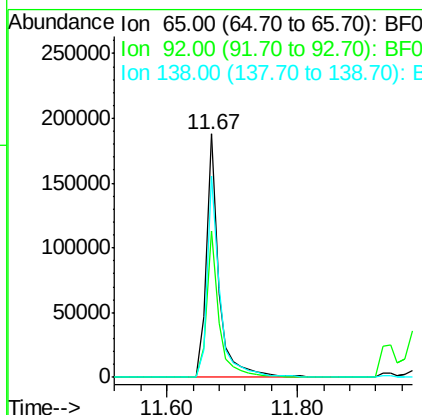
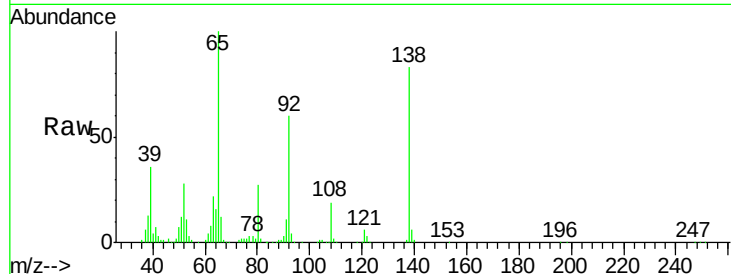
#47
2-Nitroaniline
Concen: 46.96 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.3	57.4	86.2
138	82.8	90.1	135.1#

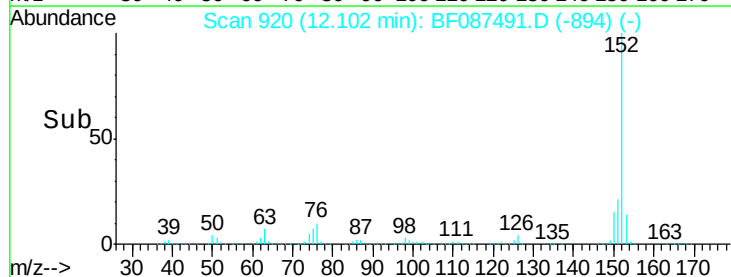
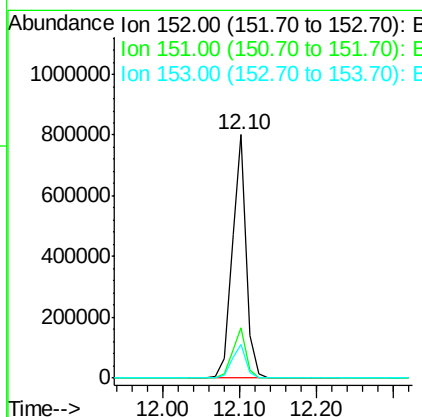
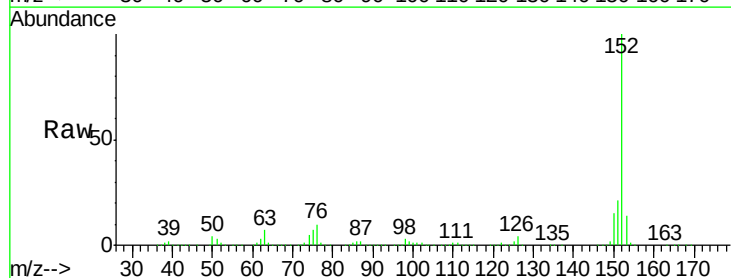
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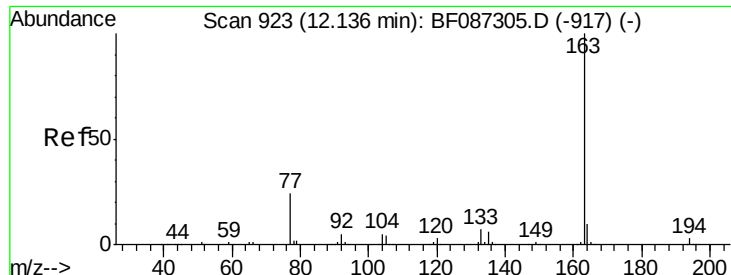
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#48
Acenaphthylene
Concen: 44.14 ng
RT: 12.10 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	14.0	10.9	16.3





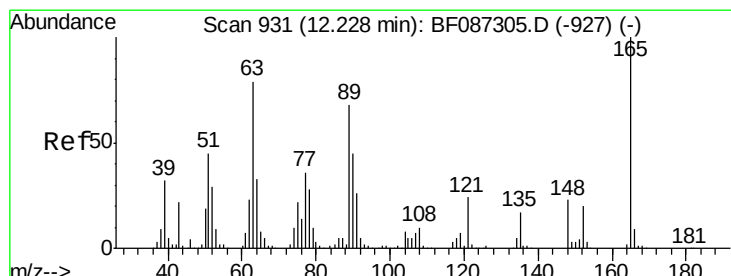
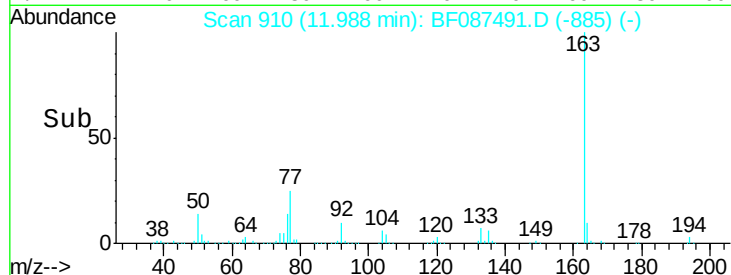
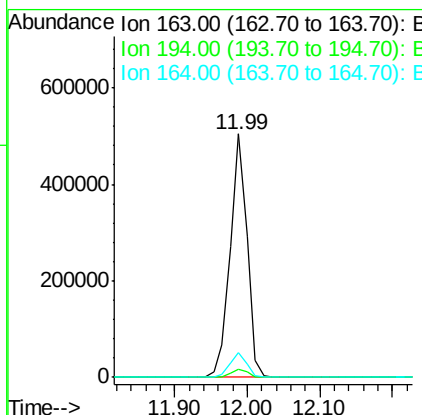
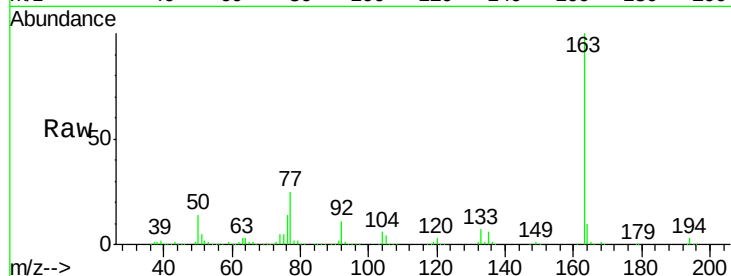
#49
Dimethylphthalate
Concen: 44.33 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	818497		
194	3.2	2.6	4.0	
164	10.3	8.2	12.4	

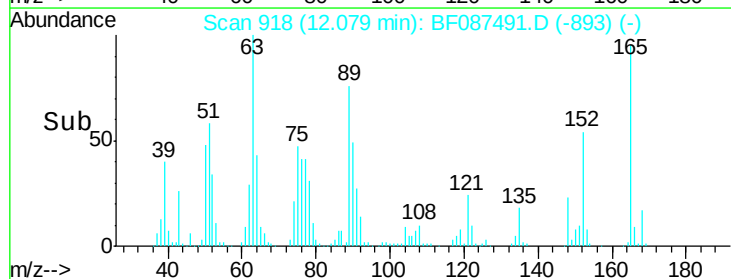
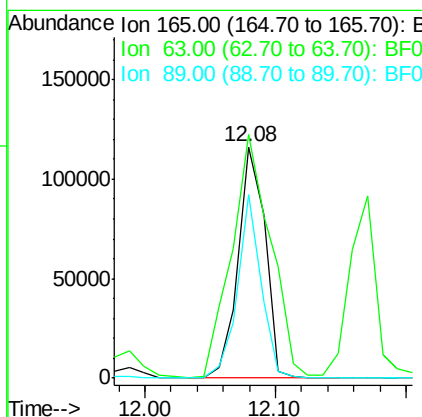
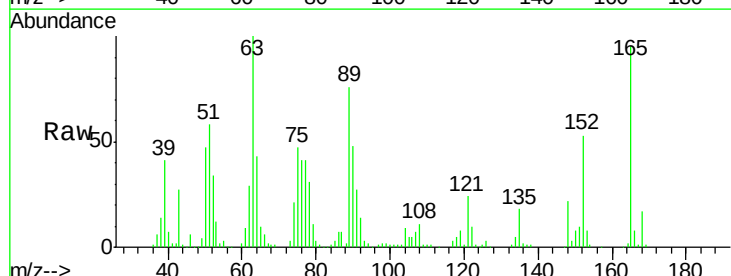
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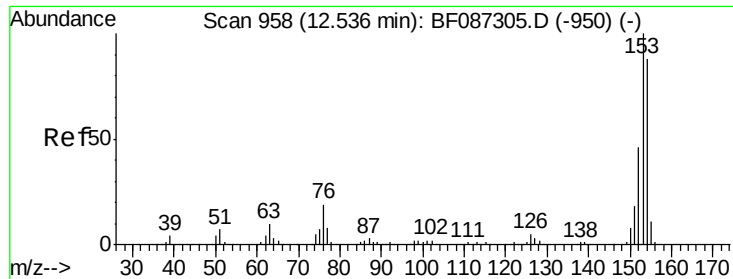
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#50
2,6-Dinitrotoluene
Concen: 44.52 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165628		
63	105.5	51.8	77.8#	
89	79.8	50.7	76.1#	





#51

Acenaphthene

Concen: 44.36 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087491.D

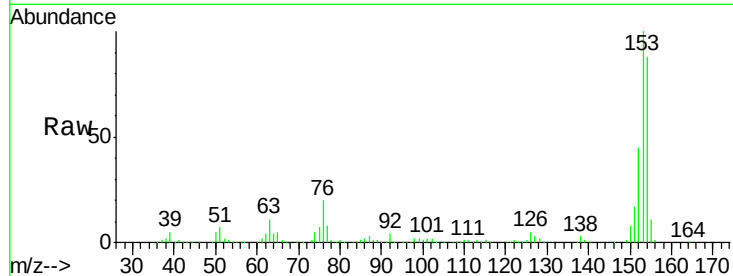
Acq: 28 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

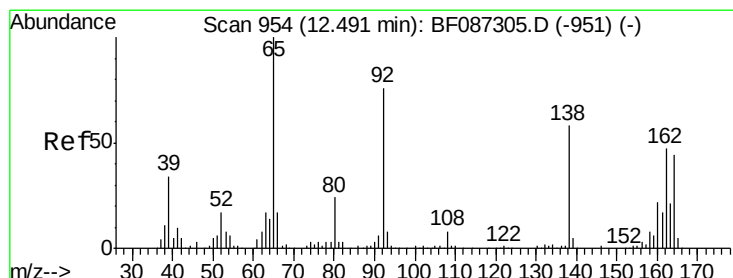
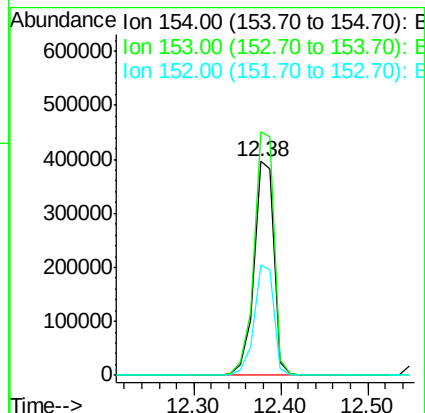
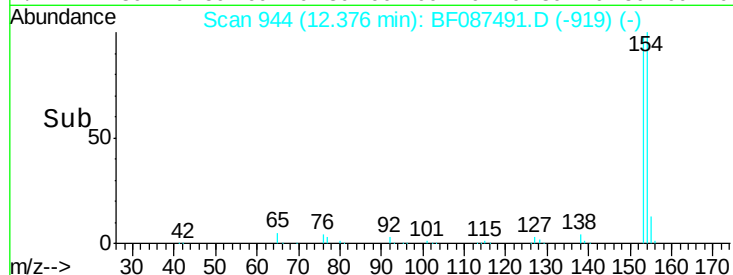
MW-02MSD



Tgt Ion:	154	Resp:	640797
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	51.5	43.4	65.0

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#52

3-Nitroaniline

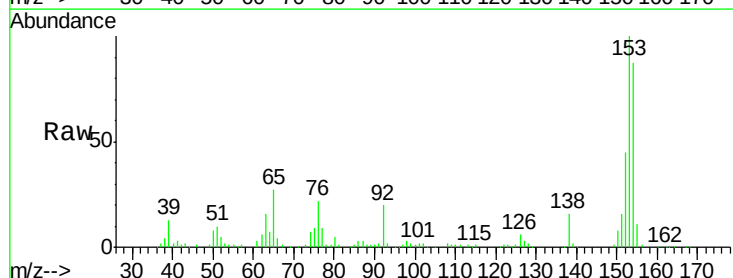
Concen: 11.23 ng

RT: 12.37 min Scan# 943

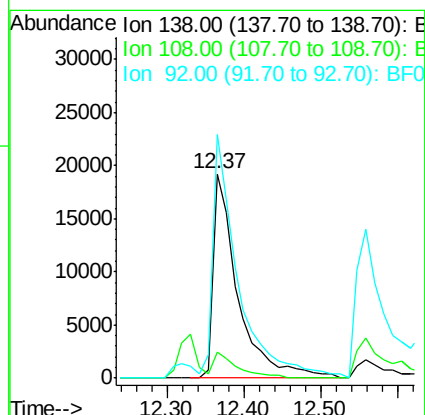
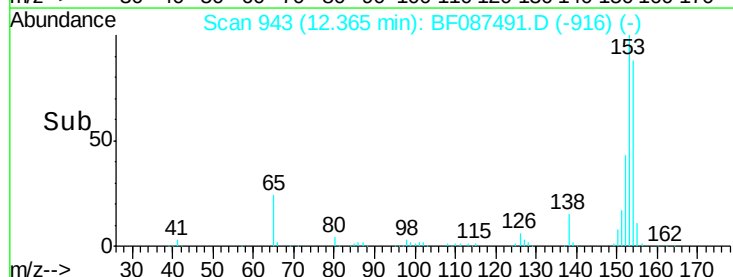
Delta R.T. 0.01 min

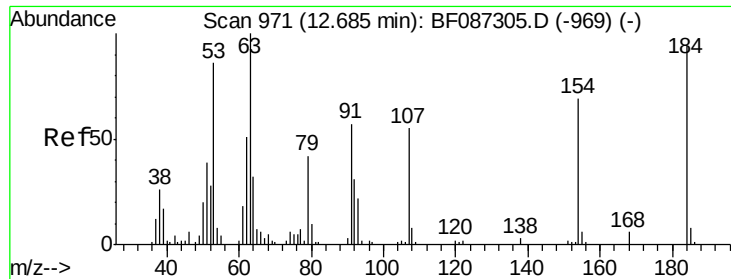
Lab File: BF087491.D

Acq: 28 May 2016 21:45



Tgt Ion:	138	Resp:	42882
Ion Ratio	Lower	Upper	
138	100		
108	12.9	7.8	11.6#
92	119.0	87.8	131.8





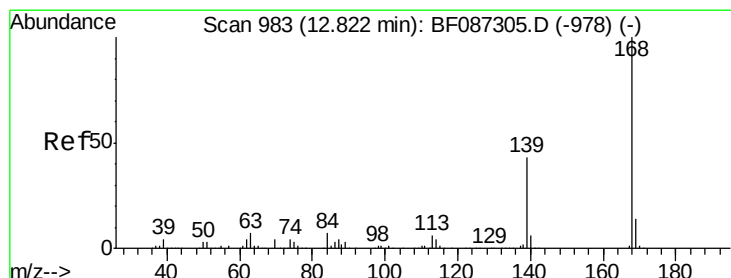
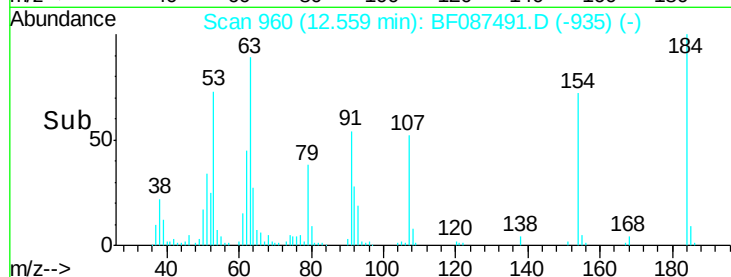
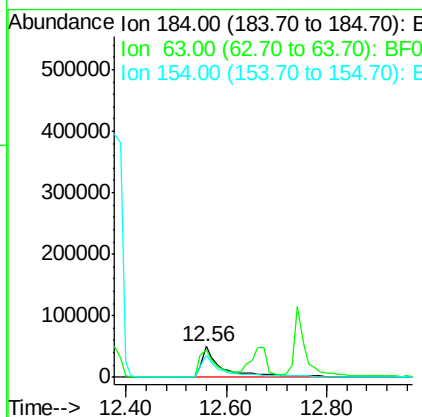
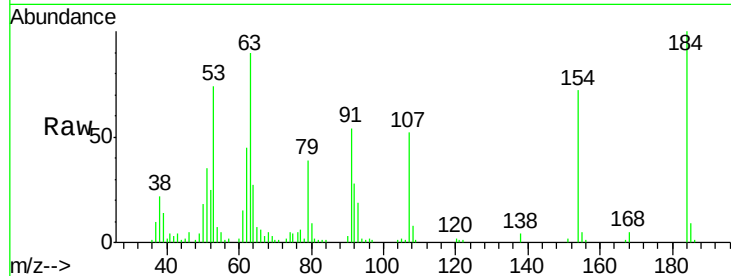
#53
2,4-Dinitrophenol
Concen: 77.94 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	148062		
63	89.5	55.8	83.8#	
154	71.5	62.4	93.6	

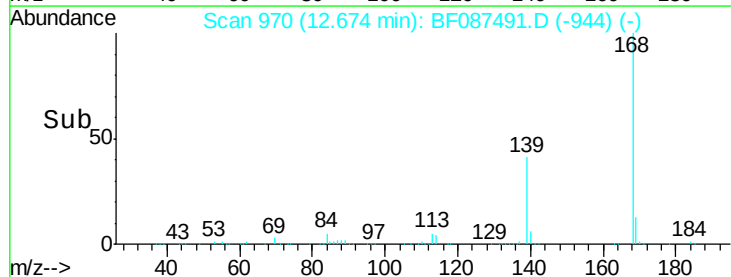
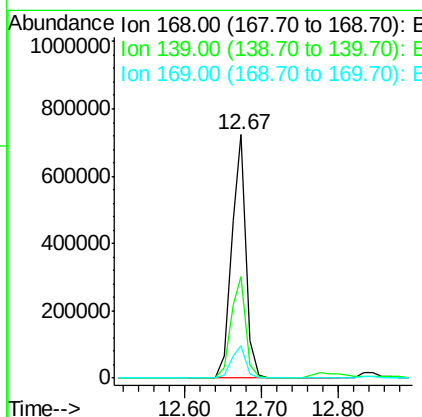
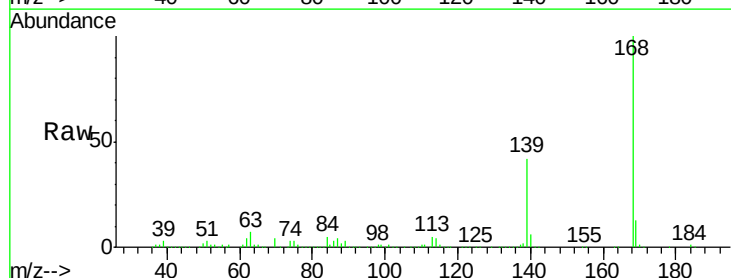
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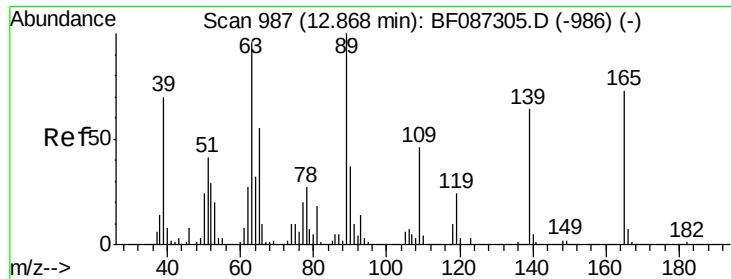
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#54
Dibenzofuran
Concen: 48.60 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	950520		
139	41.5	31.4	47.0	
169	13.2	10.7	16.1	





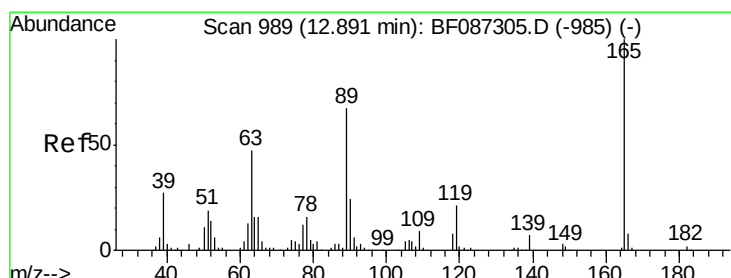
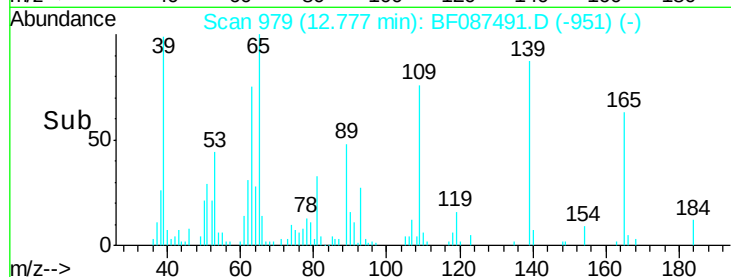
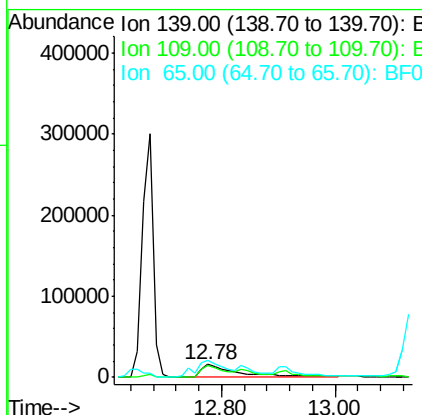
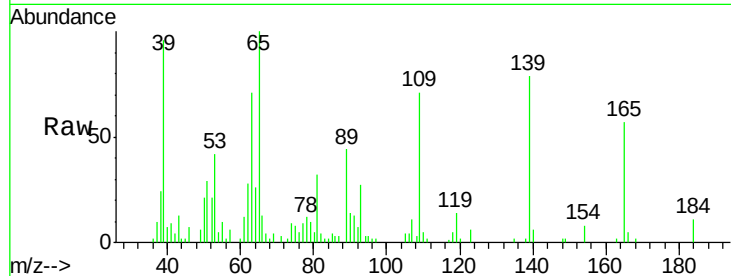
#55
4-Nitrophenol
Concen: 36.70 ng
RT: 12.78 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66844		
109	90.2	36.9	76.9#	
65	126.2	64.0	104.0#	

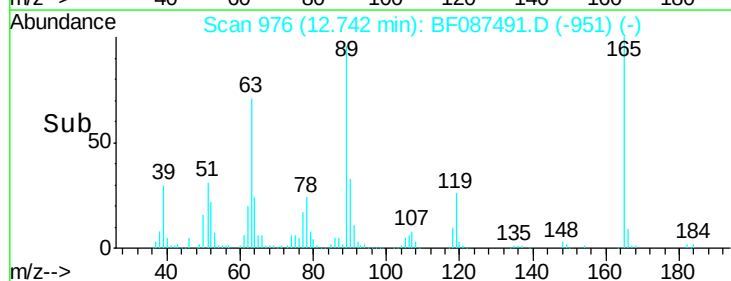
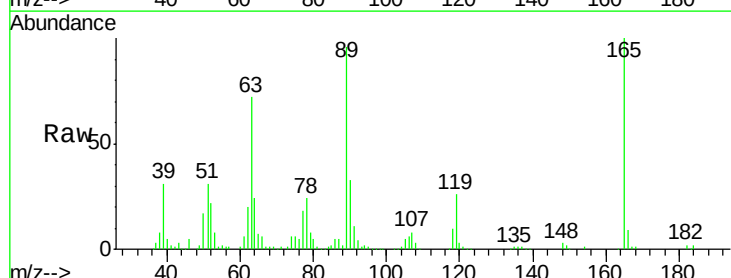
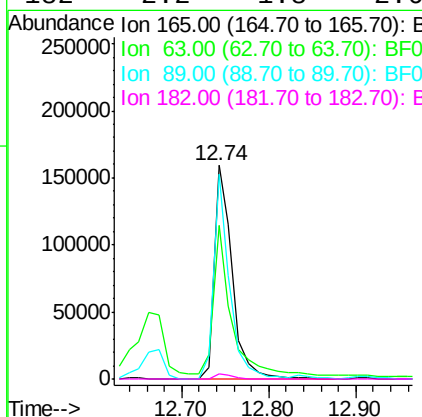
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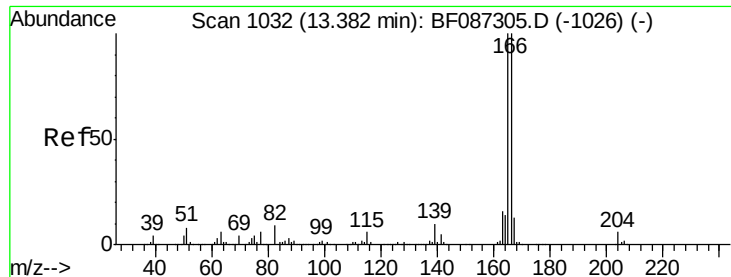
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#56
2,4-Dinitrotoluene
Concen: 46.56 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	231536		
63	71.7	44.3	66.5#	
89	95.9	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 43.92 ng

RT: 13.22 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

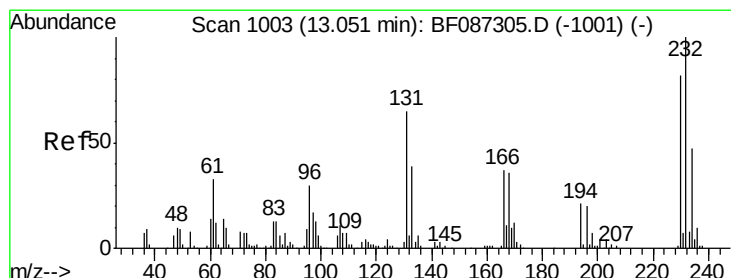
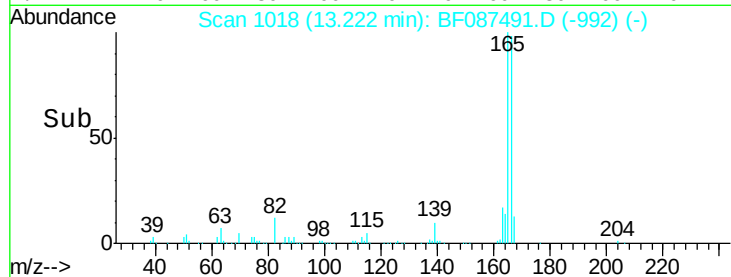
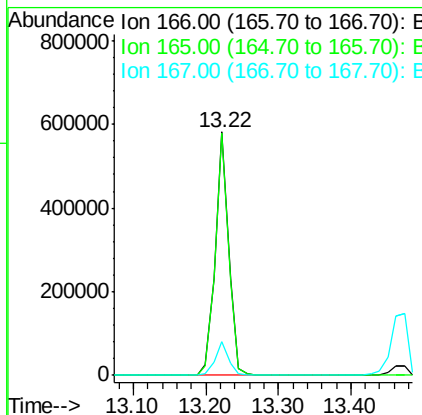
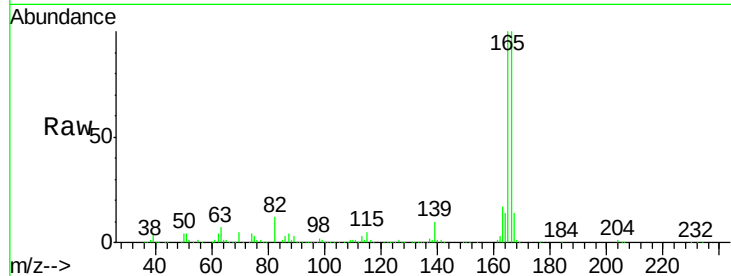
ClientSampleId :

MW-02MSD

Tgt Ion:	166	Resp:	744871
Ion Ratio		Lower	Upper
166	100		
165	99.5	79.0	118.6
167	13.7	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.11 ng

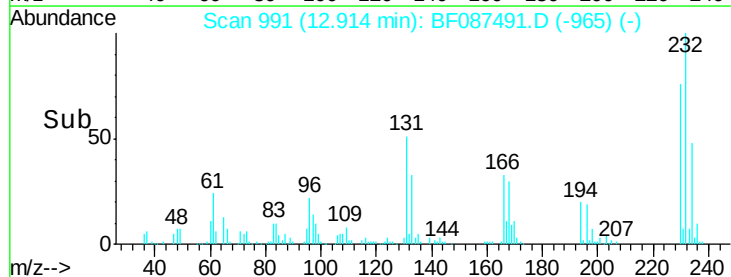
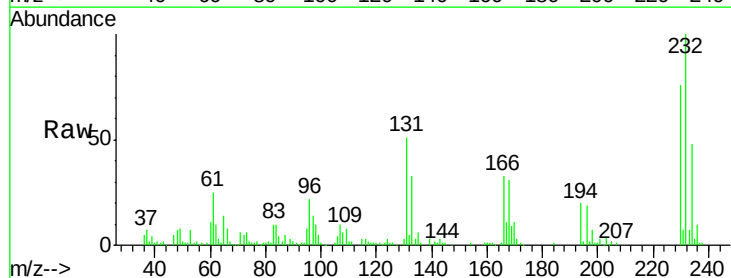
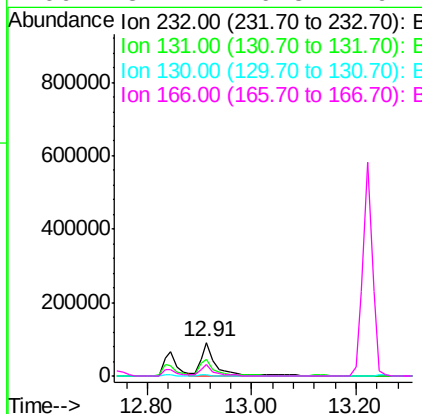
RT: 12.91 min Scan# 991

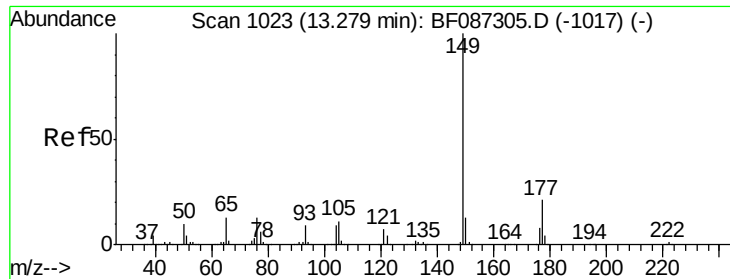
Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	232	Resp:	173839
Ion Ratio		Lower	Upper
232	100		
131	54.2	41.9	62.9
130	3.3	2.2	3.4
166	32.2	26.8	40.2





#59

Diethylphthalate

Concen: 43.70 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

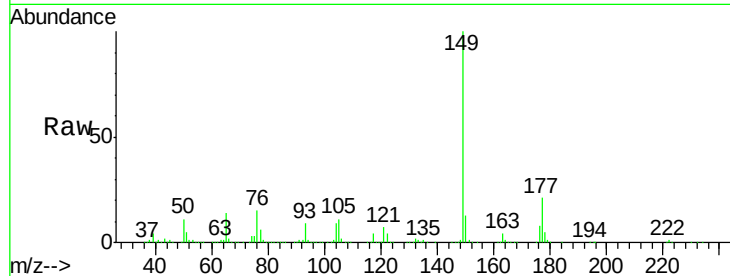
ClientSampleId :

MW-02MSD

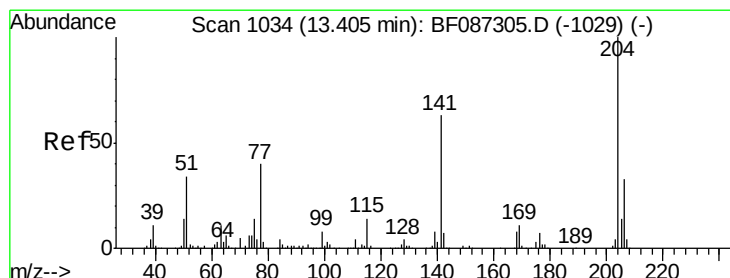
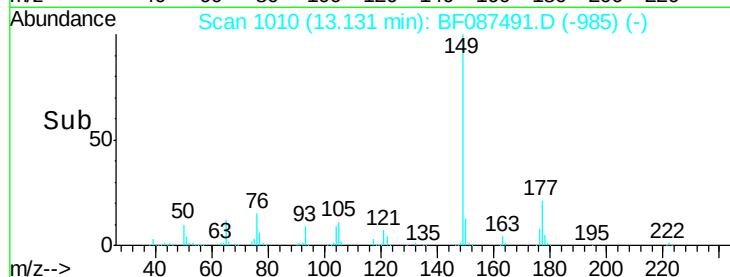
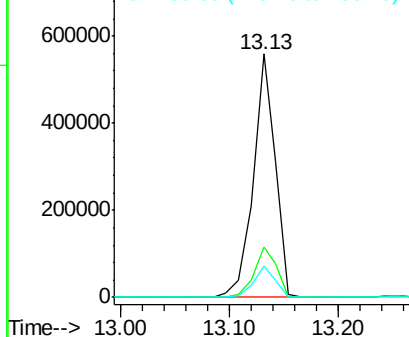
Tgt Ion:	149	Resp:	784402
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.6	24.8
150	12.7	10.0	15.0

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



#60

4-Chlorophenyl-phenylether

Concen: 42.71 ng

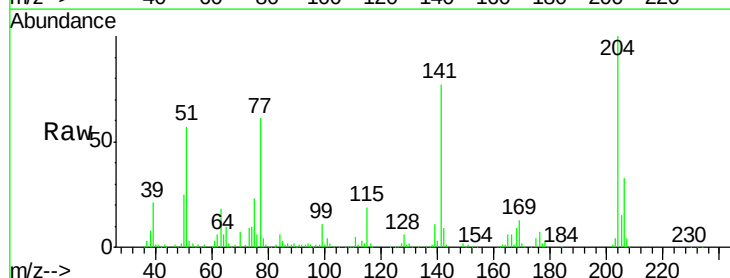
RT: 13.25 min Scan# 1020

Delta R.T. -0.01 min

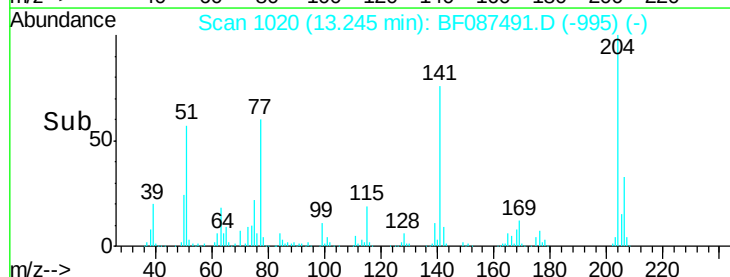
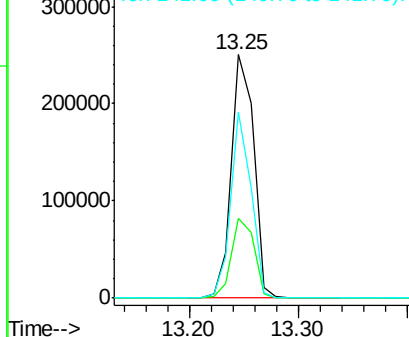
Lab File: BF087491.D

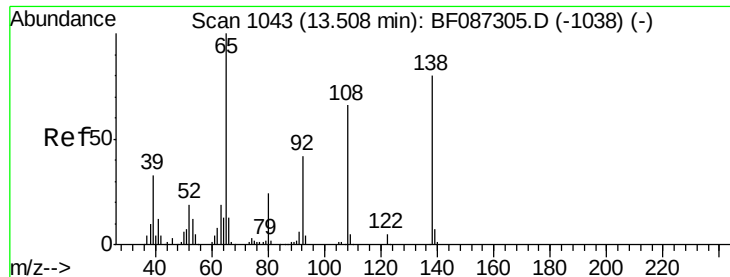
Acq: 28 May 2016 21:45

Tgt Ion:	204	Resp:	353285
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.4	38.0
141	76.6	61.6	92.4



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





#61

4-Nitroaniline

Concen: 34.06 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

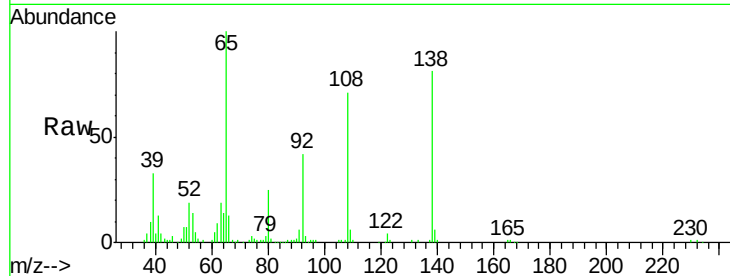
ClientSampled :

MW-02MSD

Tgt Ion:	138	Resp:	121379
Ion Ratio	Lower	Upper	
138	100		
92	51.8	24.7	64.7
108	87.7	37.4	77.4#

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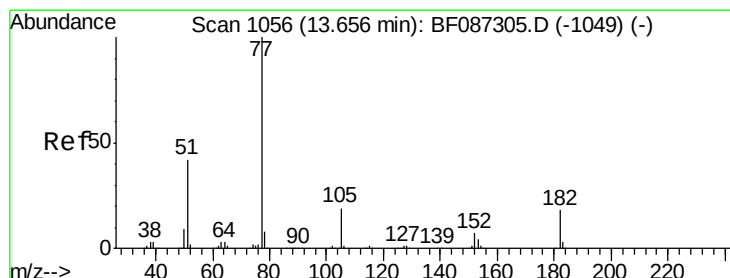
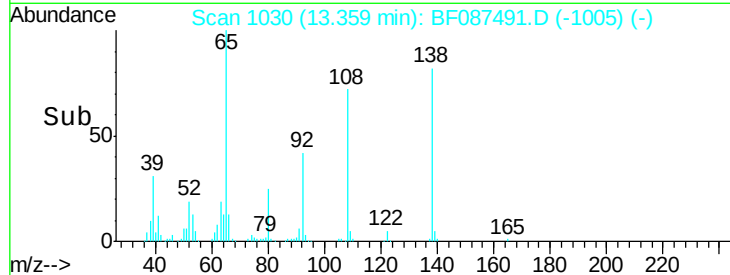
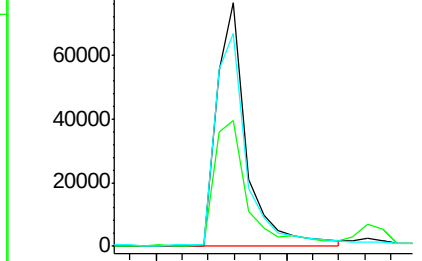
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.36 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

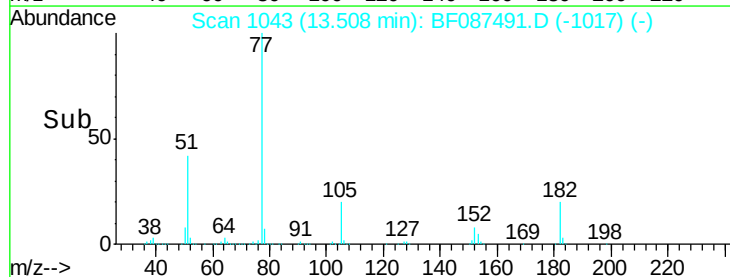
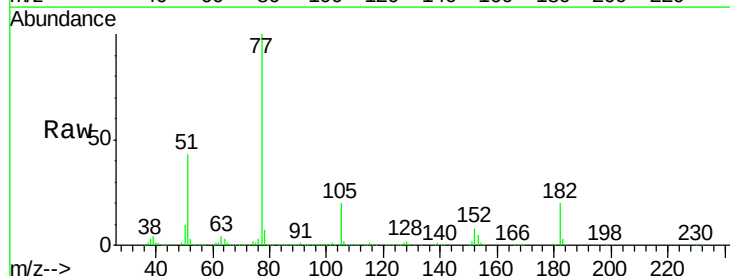
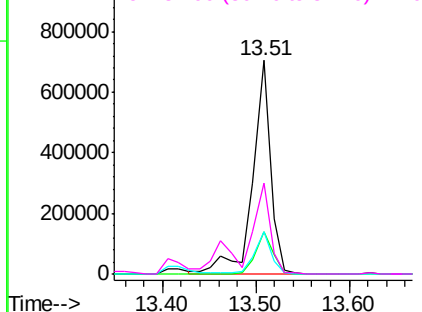
Tgt Ion:	77	Resp:	937891
Ion Ratio	Lower	Upper	
77	100		
182	19.7	0.0	38.8
105	19.9	3.2	43.2
51	42.8	8.8	48.8

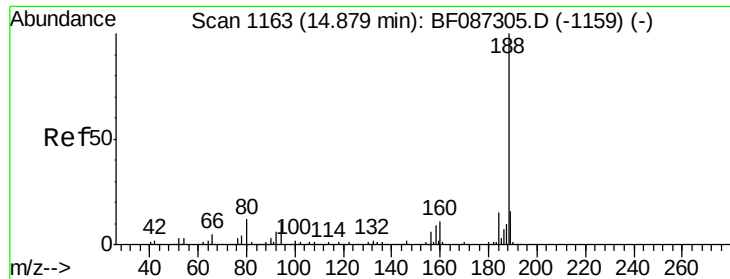
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





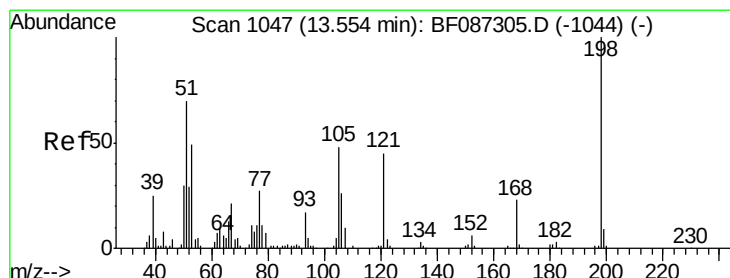
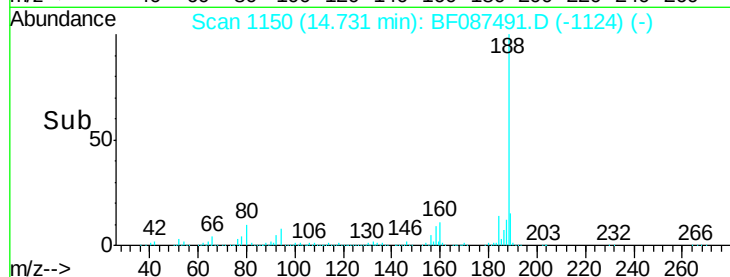
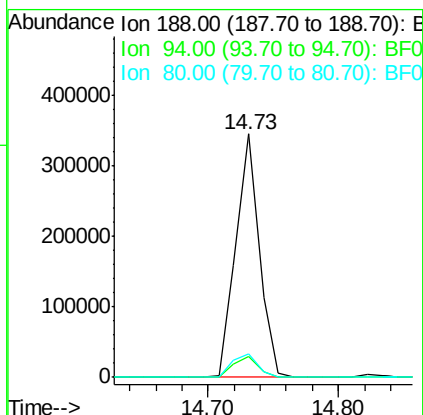
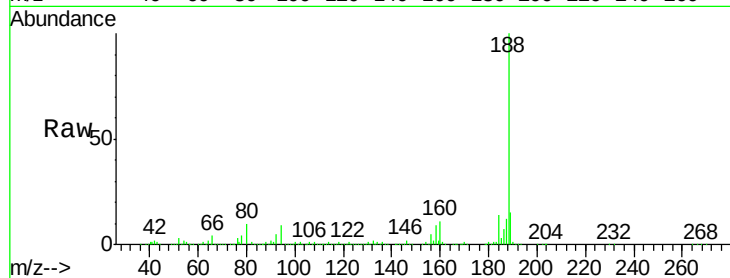
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	6.8	10.2
80	9.5	7.1	10.7

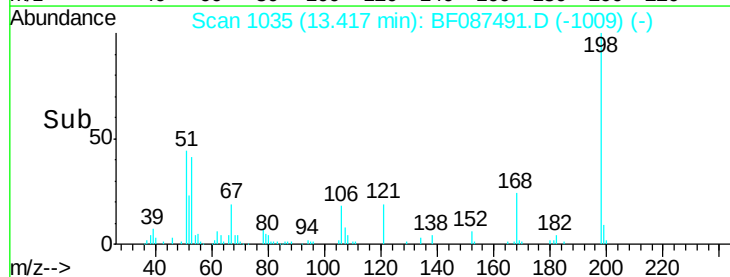
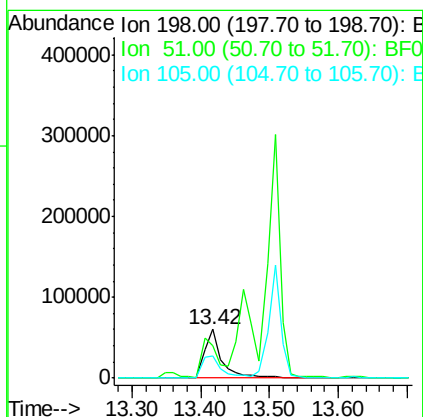
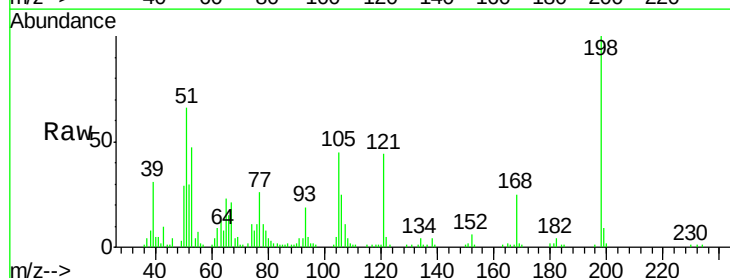
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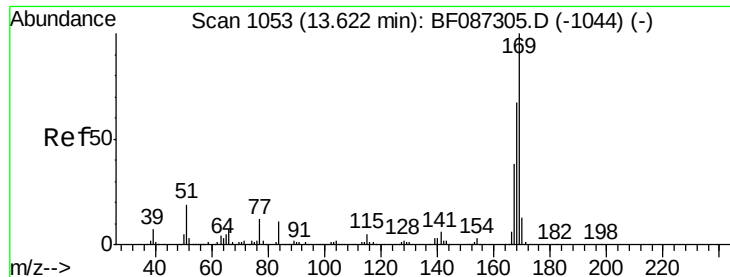
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.46 ng
RT: 13.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.9	20.5	60.5#
105	44.6	24.5	64.5





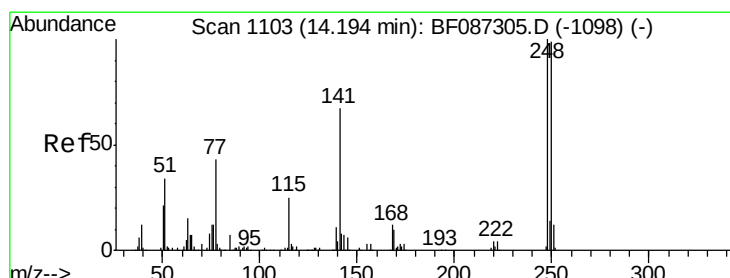
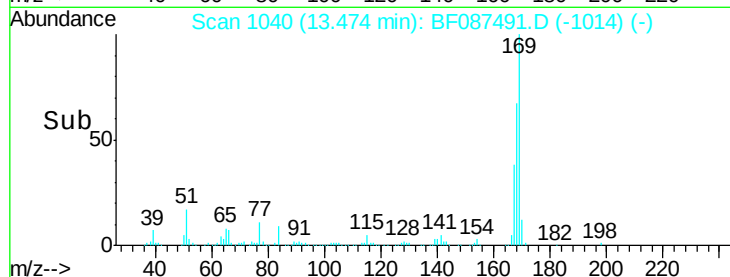
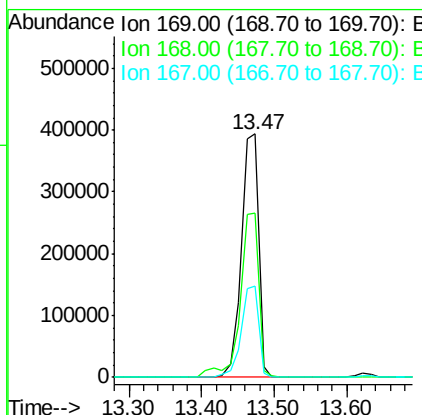
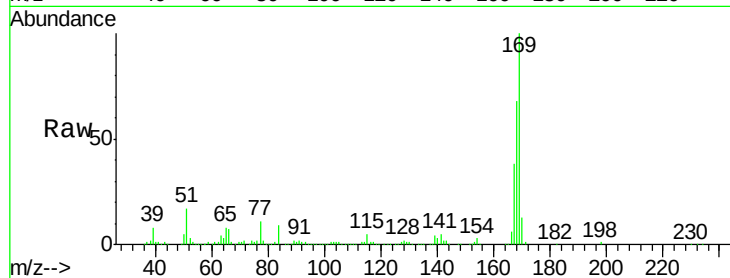
#65
n-Nitrosodiphenylamine
Concen: 46.99 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampled :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	653129		
168	67.5	53.8	80.6	
167	37.6	29.5	44.3	

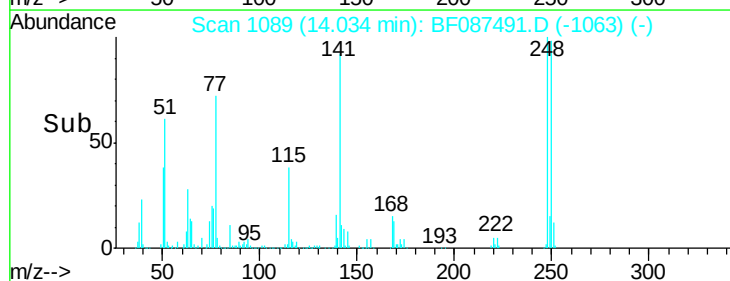
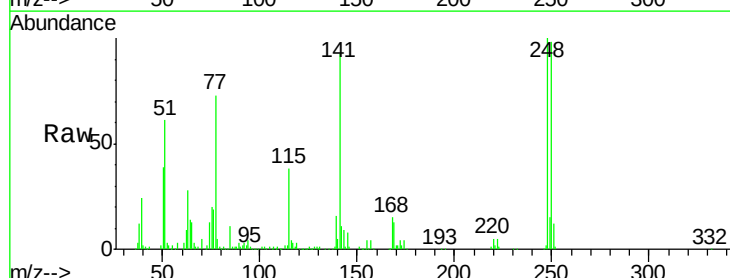
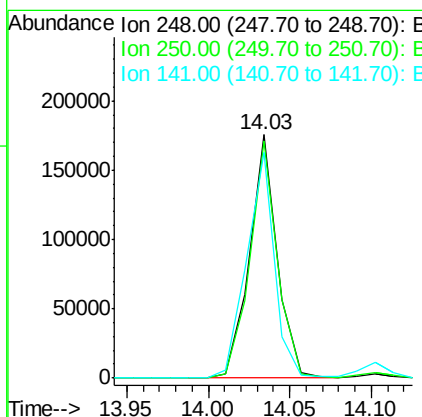
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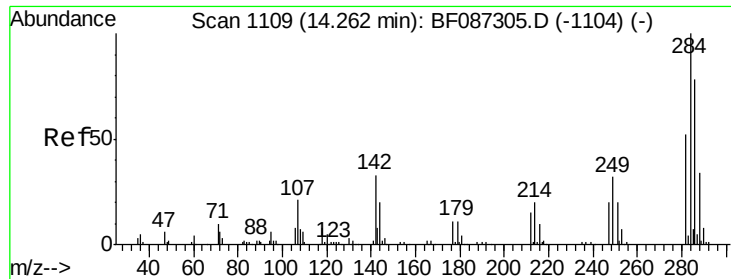
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#66
4-Bromophenyl-phenylether
Concen: 43.88 ng
RT: 14.03 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	206326		
250	97.6	78.6	117.8	
141	92.6	76.0	114.0	





#67

Hexachlorobenzene

Concen: 43.38 ng

RT: 14.10 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

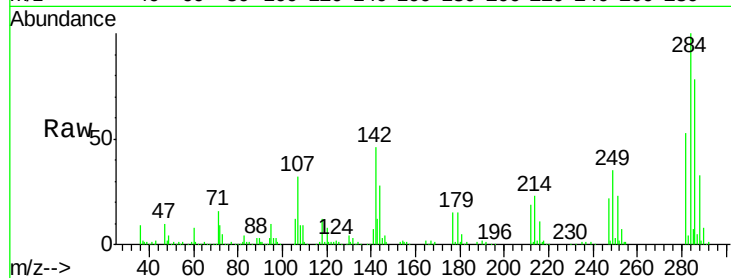
ClientSampleId :

MW-02MSD

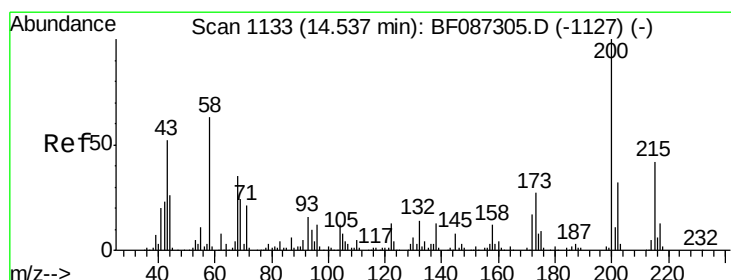
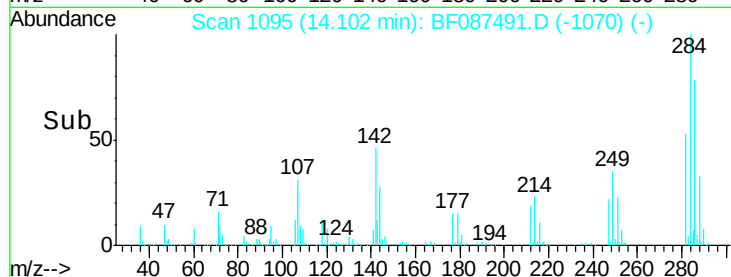
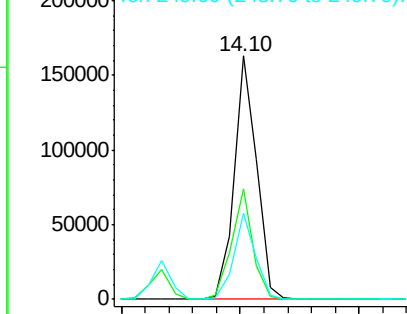
Tgt Ion:	284	Resp:	213331
Ion Ratio	Lower	Upper	
284	100		
142	45.6	16.7	25.1#
249	35.3	21.3	31.9#

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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: 42.93 ng

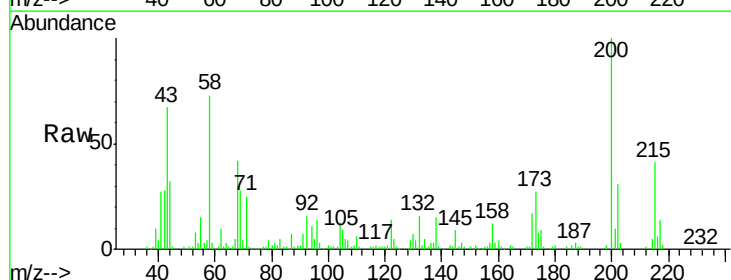
RT: 14.39 min Scan# 1120

Delta R.T. -0.00 min

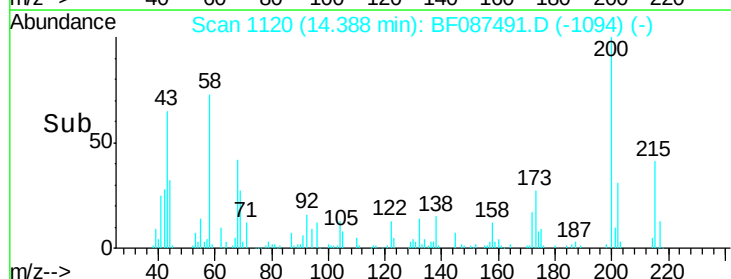
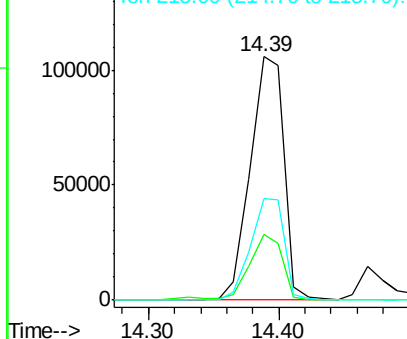
Lab File: BF087491.D

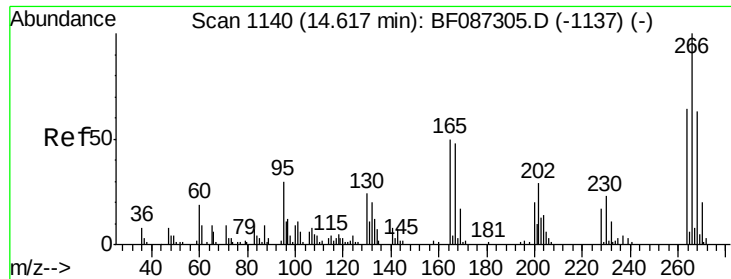
Acq: 28 May 2016 21:45

Tgt Ion:	200	Resp:	190205
Ion Ratio	Lower	Upper	
200	100		
173	27.0	8.5	48.5
215	41.5	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: 92.08 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF087491.D

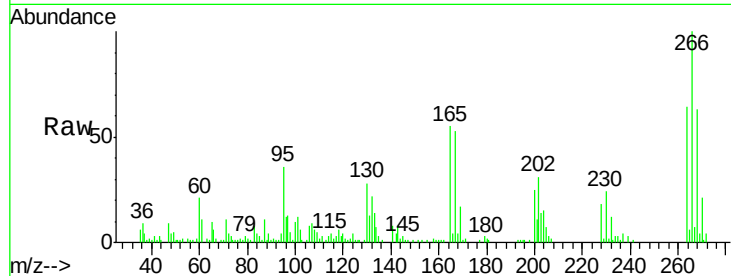
Acq: 28 May 2016 21:45

Instrument :

BNA_F

ClientSampleId :

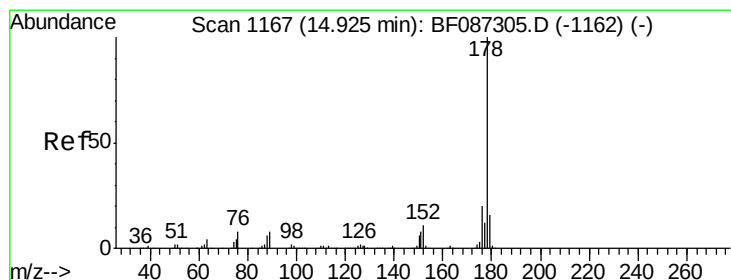
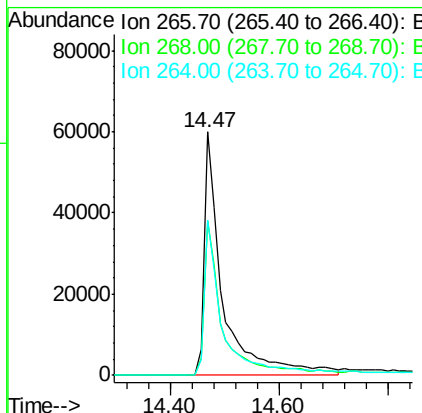
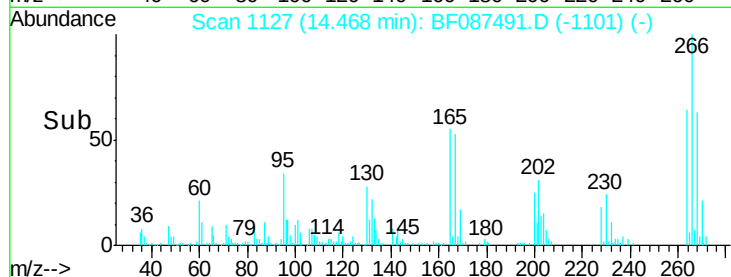
MW-02MSD



Tgt Ion:	266	Resp:	142272
Ion Ratio	Lower	Upper	
266	100		
268	63.4	51.5	77.3
264	63.9	52.9	79.3

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#70

Phenanthrene

Concen: 45.31 ng

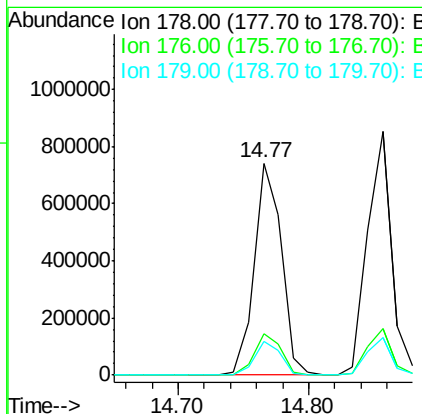
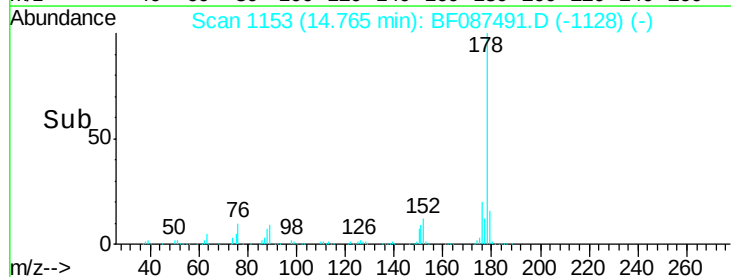
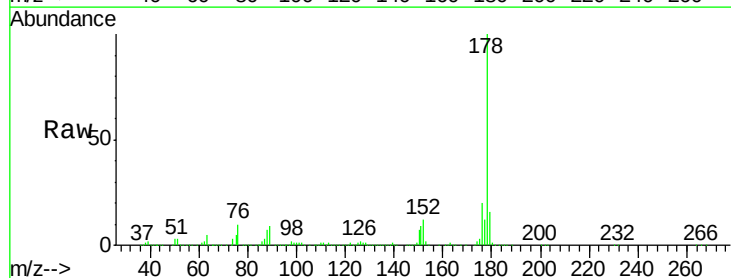
RT: 14.77 min Scan# 1153

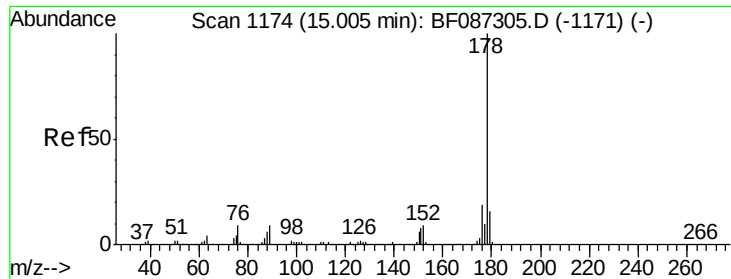
Delta R.T. -0.01 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	178	Resp:	1078678
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.0	24.0
179	15.8	12.6	18.8





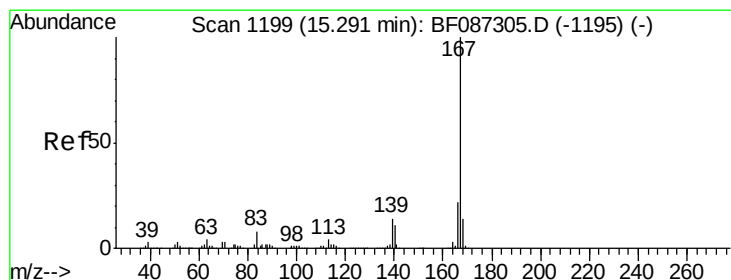
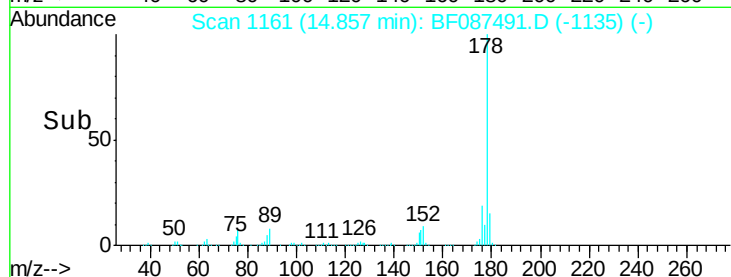
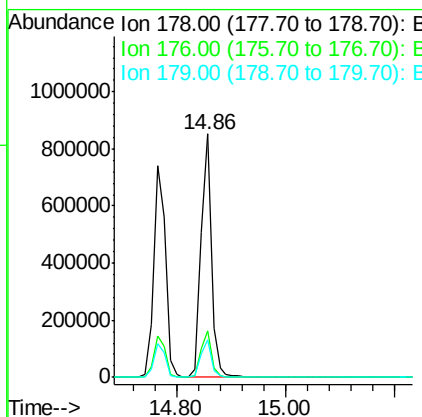
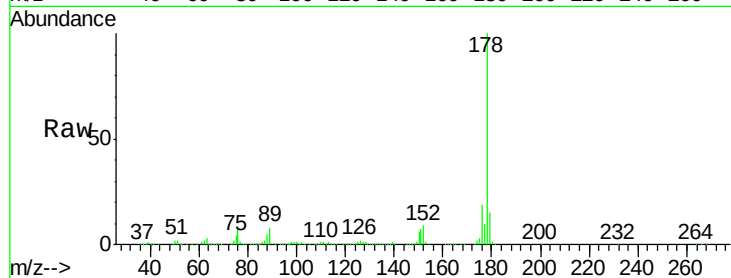
#71
 Anthracene
 Concen: 46.42 ng
 RT: 14.86 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion:178 Resp: 1116311
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.4 12.7 19.1

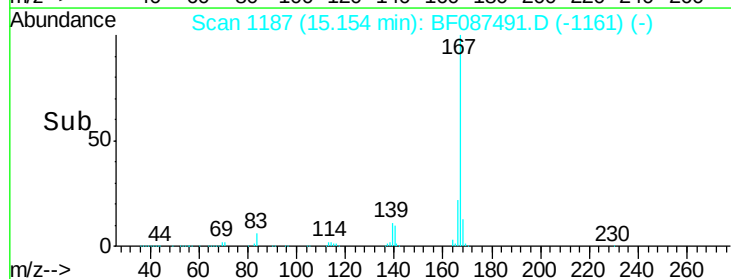
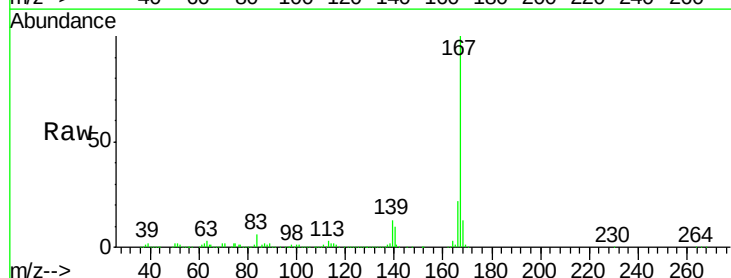
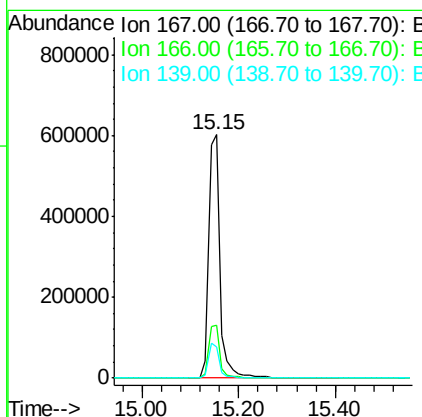
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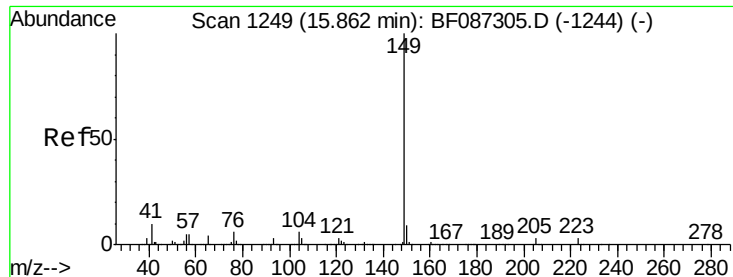
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#72
 Carbazole
 Concen: 47.77 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion:167 Resp: 979808
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 45.85 ng

RT: 15.73 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

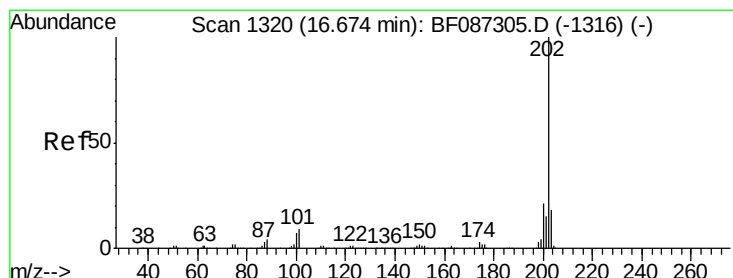
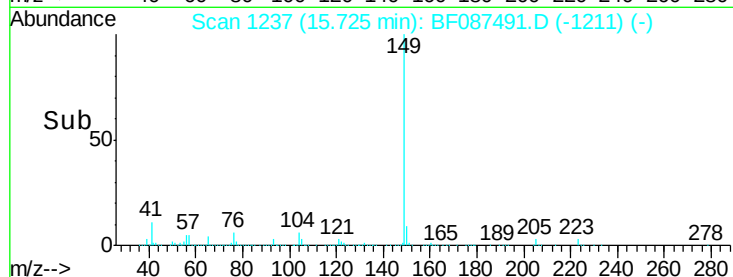
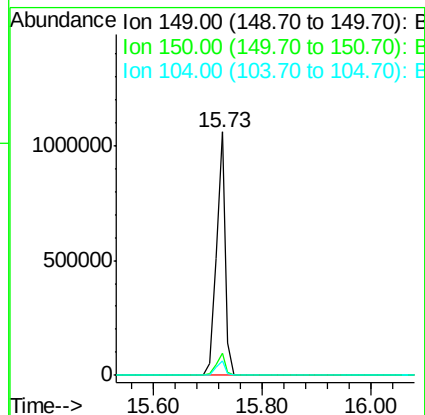
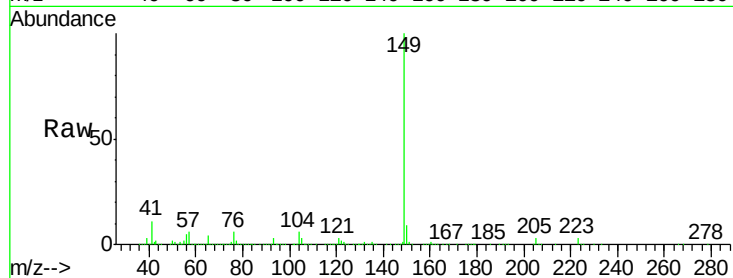
ClientSampleId :

MW-02MSD

Tgt Ion:	149	Resp:	1216116
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.9	3.8	5.6#

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#74

Fluoranthene

Concen: 46.42 ng

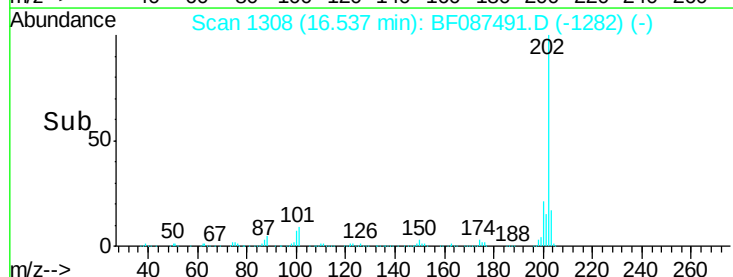
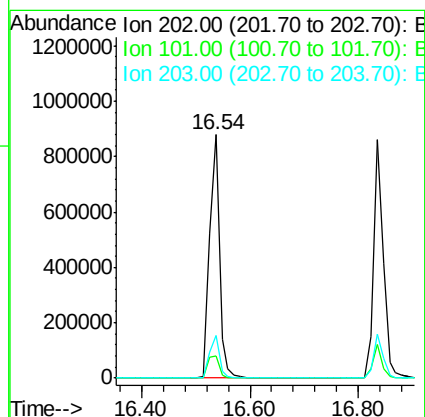
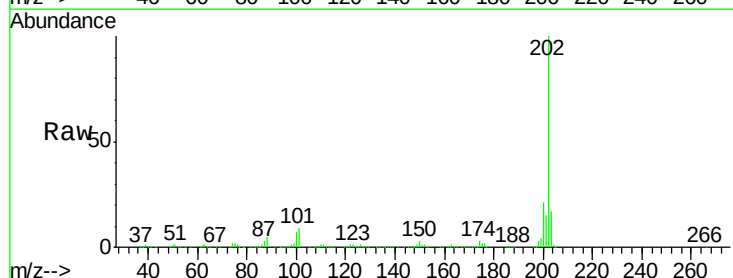
RT: 16.54 min Scan# 1308

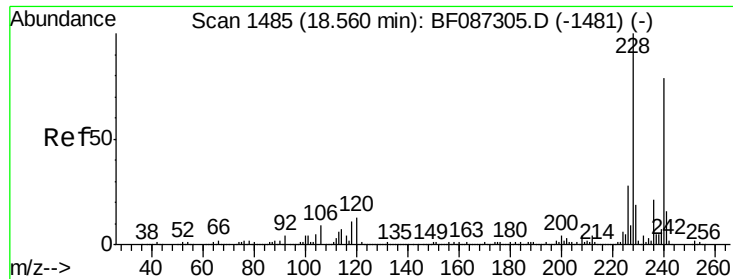
Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	202	Resp:	1108259
Ion Ratio	Lower	Upper	
202	100		
101	9.1	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: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

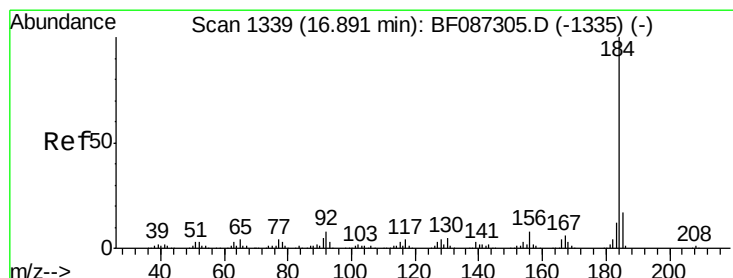
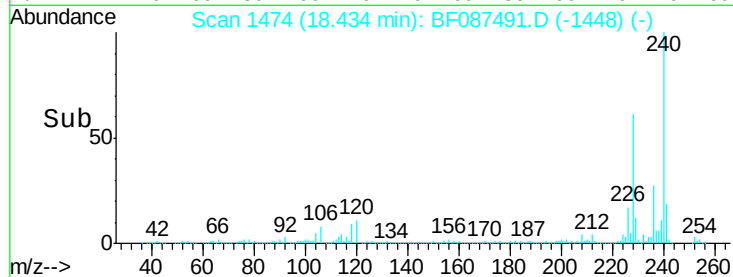
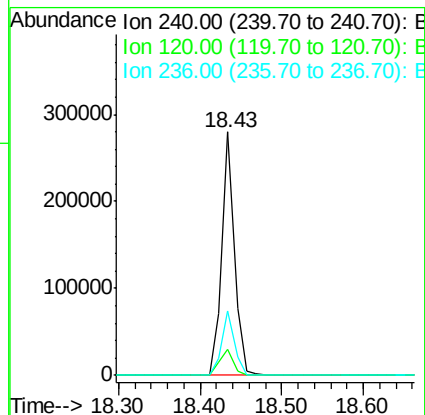
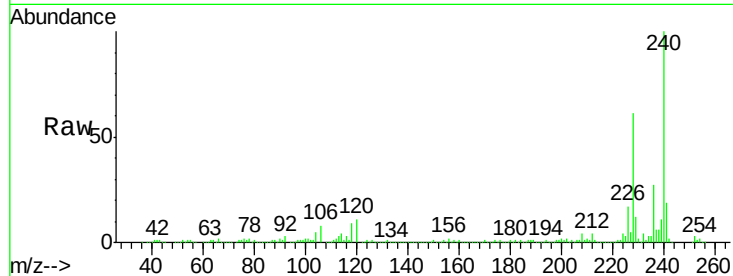
ClientSampleId :

MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	300519		
120	10.7	11.2	16.8#	
236	26.6	21.2	31.8	

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#76

Benzidine

Concen: 2.73 ng

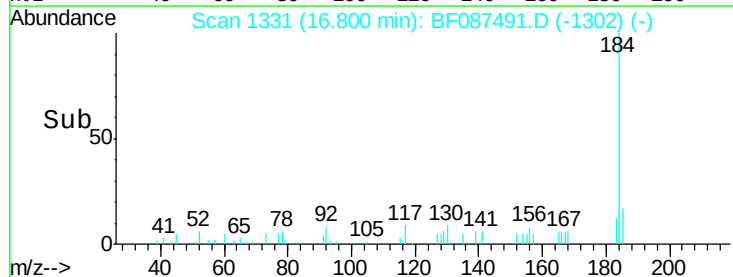
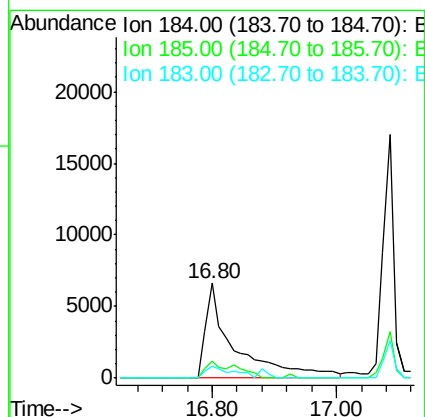
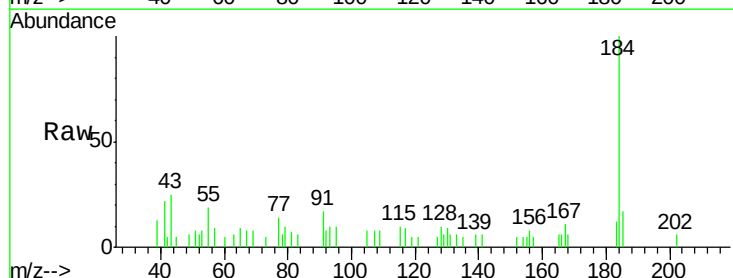
RT: 16.80 min Scan# 1331

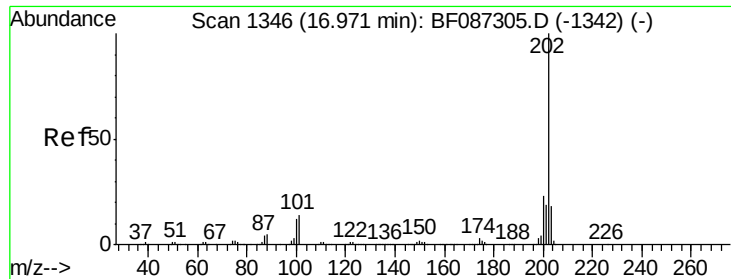
Delta R.T. 0.03 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	21148		
185	17.4	13.6	20.4	
183	12.3	9.8	14.6	





#77

Pyrene

Concen: 48.46 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

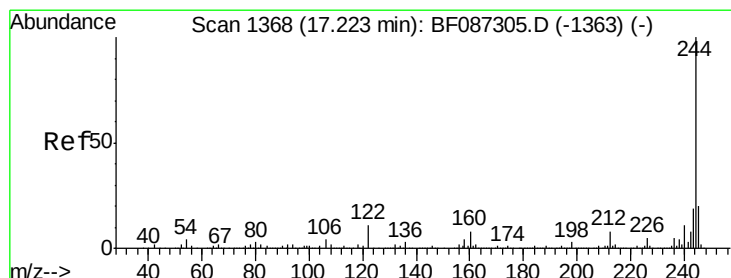
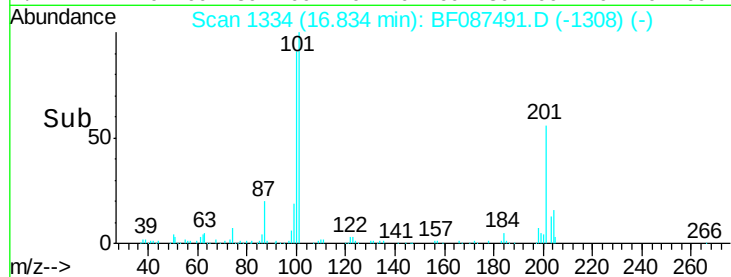
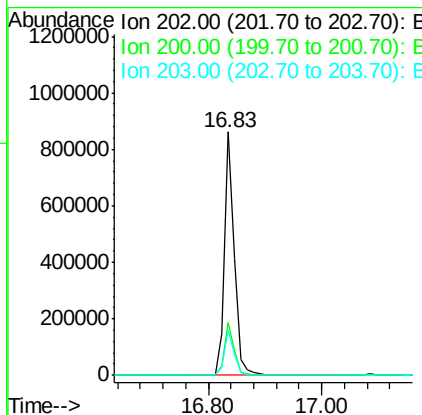
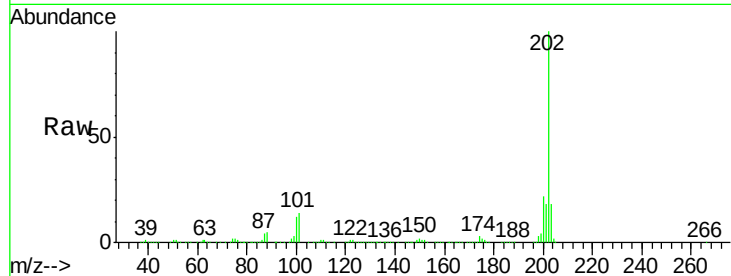
ClientSampleId :

MW-02MSD

Tgt Ion:	202	Resp:	1048328
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.5	14.2	21.4

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#78

Terphenyl-d14

Concen: 81.70 ng

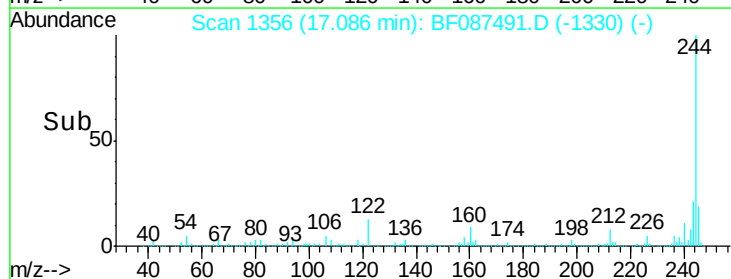
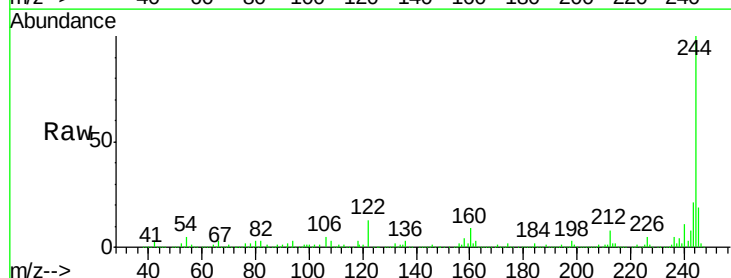
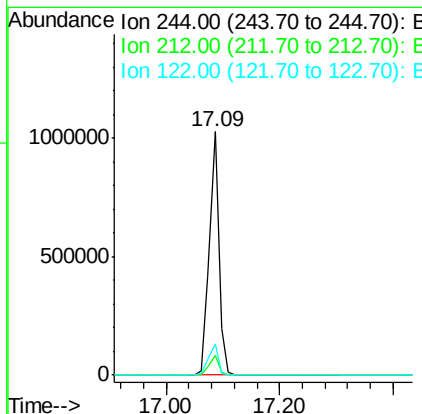
RT: 17.09 min Scan# 1356

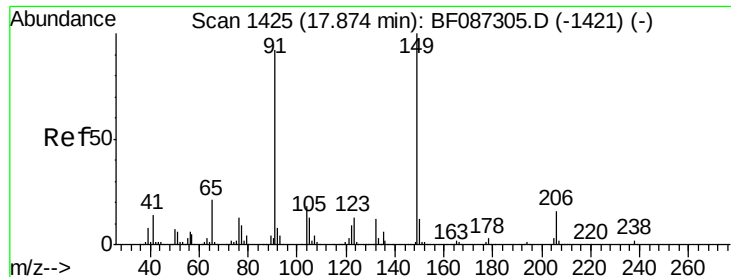
Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	244	Resp:	1154880
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	12.7	12.0	18.0





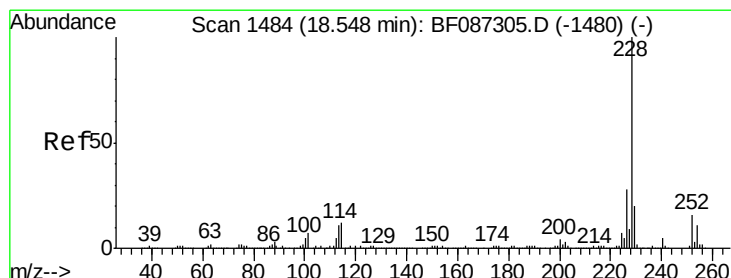
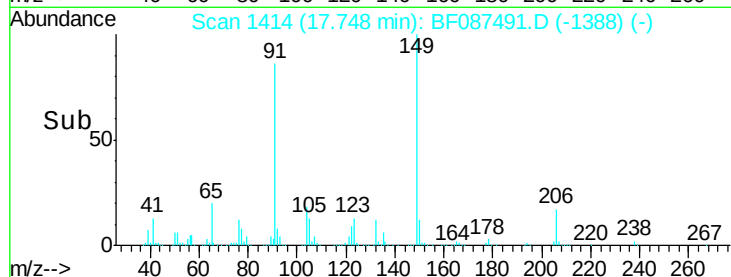
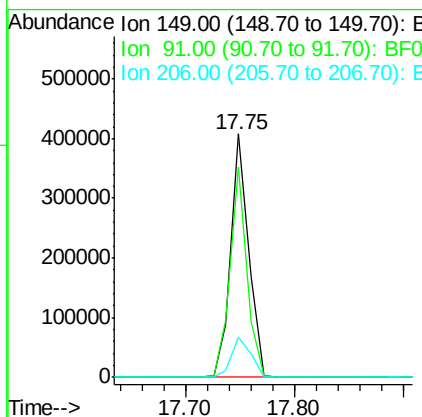
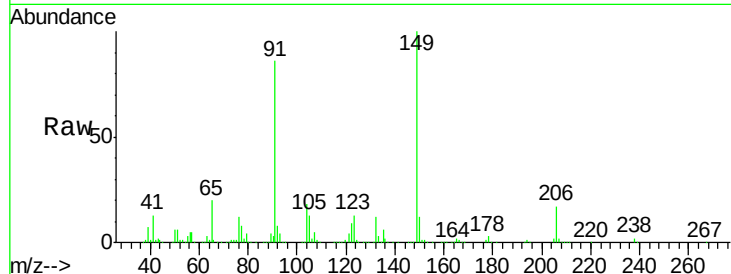
#79
Butylbenzylphthalate
Concen: 48.13 ng
RT: 17.75 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	461715		
91	86.3	48.0	72.0#	
206	16.6	15.8	23.6	

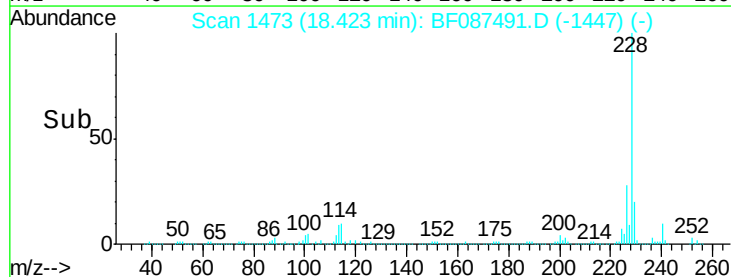
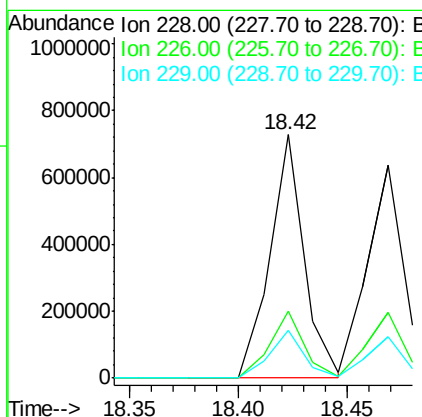
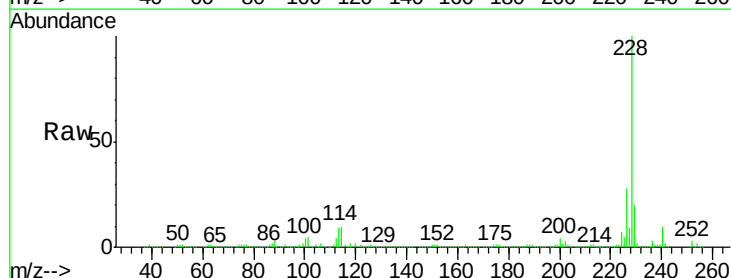
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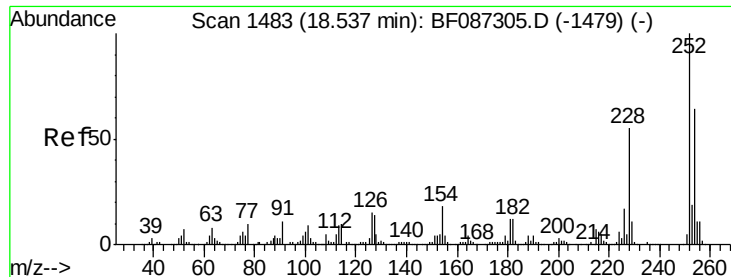
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#80
Benzo(a)anthracene
Concen: 46.81 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	800218		
226	27.7	22.5	33.7	
229	19.7	16.6	25.0	





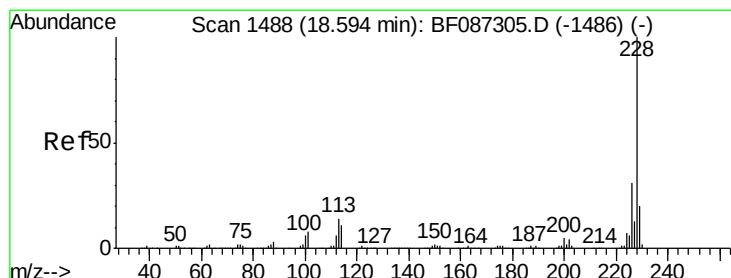
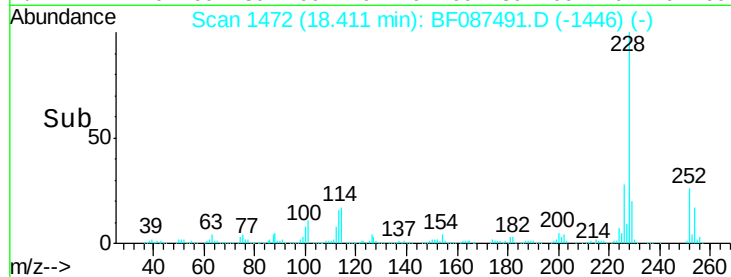
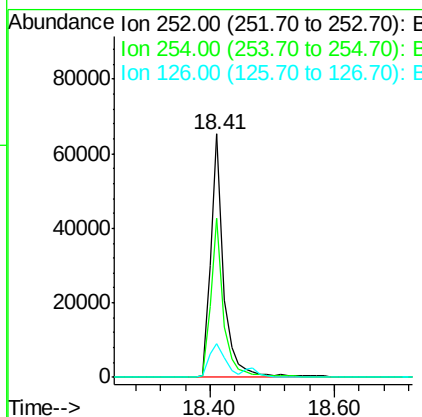
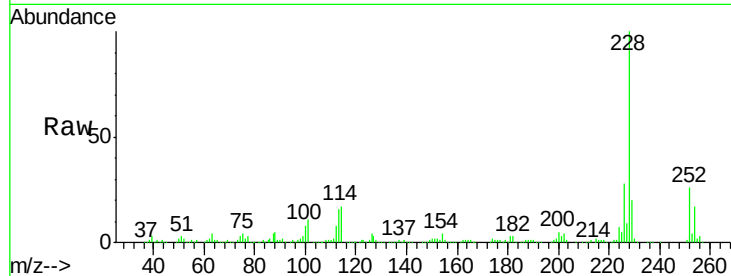
#81
 3,3'-Dichlorobenzidine
 Concen: 9.99 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
228	65.1	50.7	76.1
126	13.9	12.7	19.1

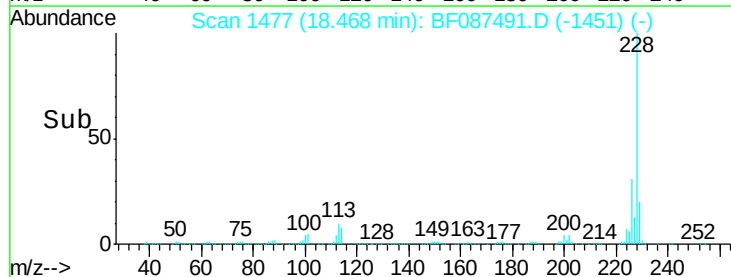
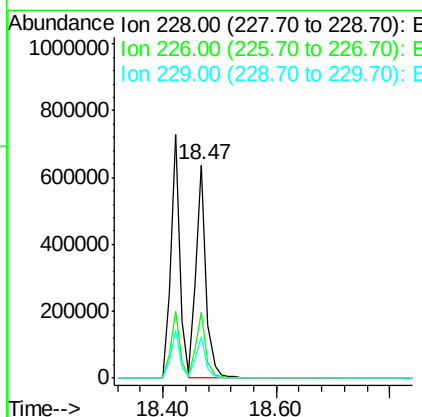
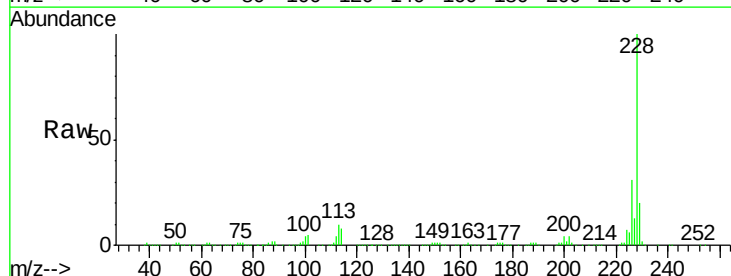
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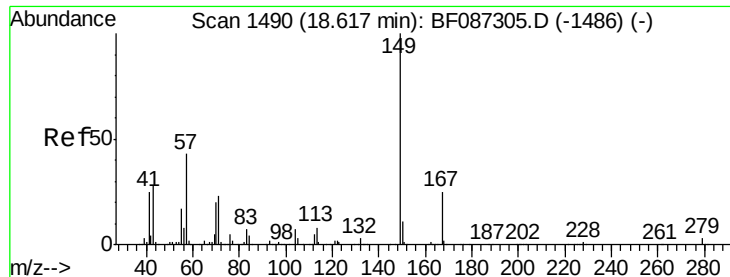
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#82
 Chrysene
 Concen: 45.82 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.6	15.8	23.8





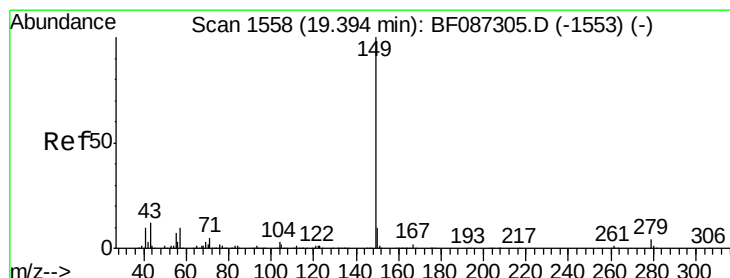
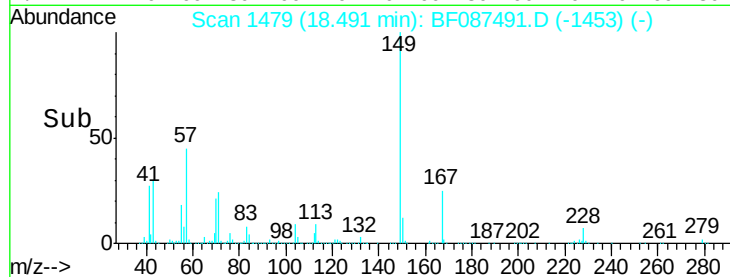
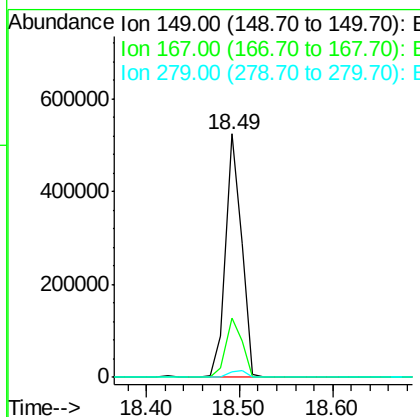
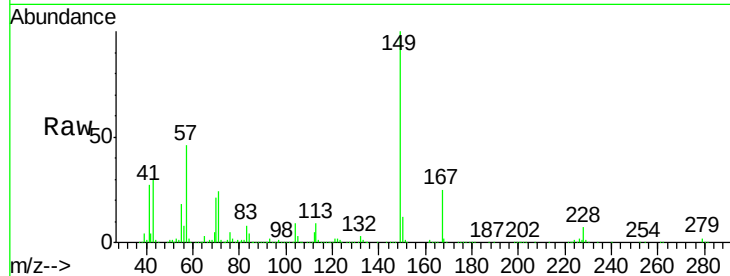
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.91 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

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

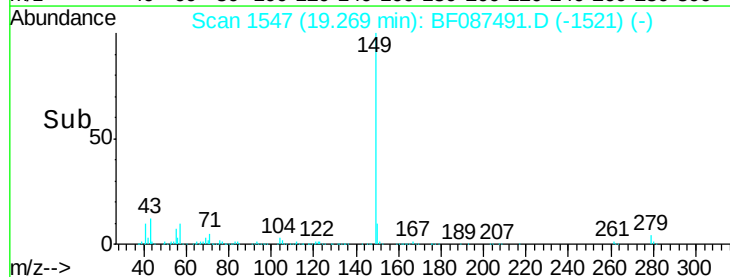
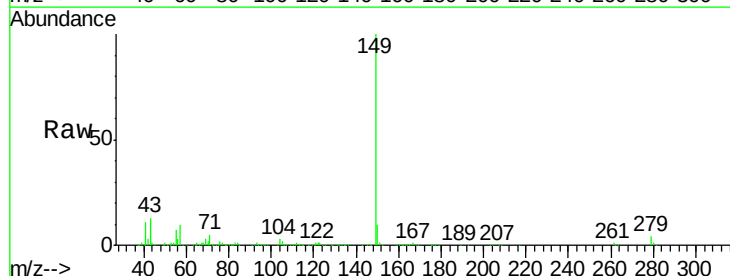
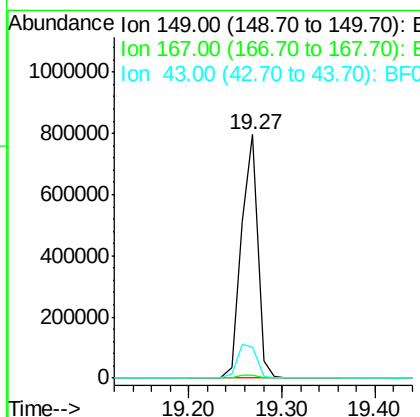
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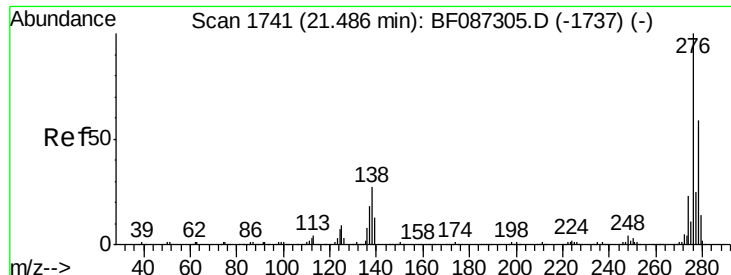
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#84
 Di-n-octyl phthalate
 Concen: 45.31 ng
 RT: 19.27 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	16.0	8.2	12.4#





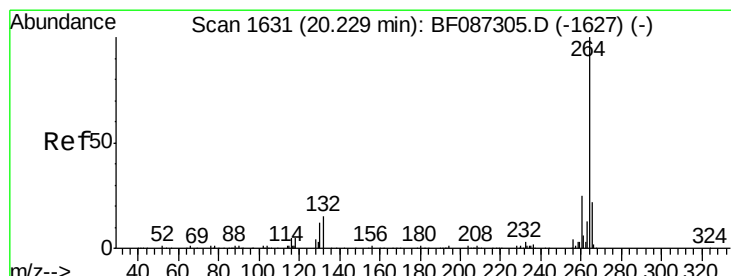
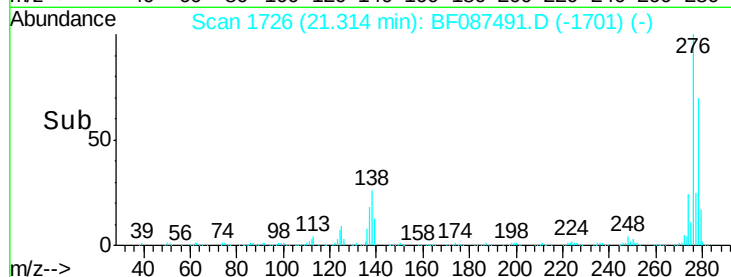
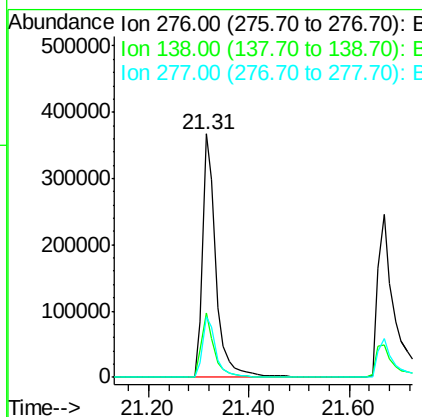
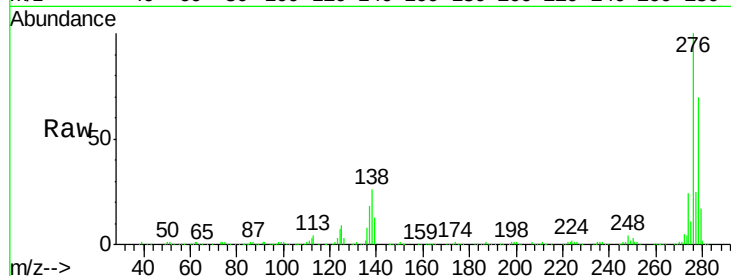
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.93 ng
 RT: 21.31 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	678995		
138	26.0	25.6	38.4	
277	25.3	20.5	30.7	

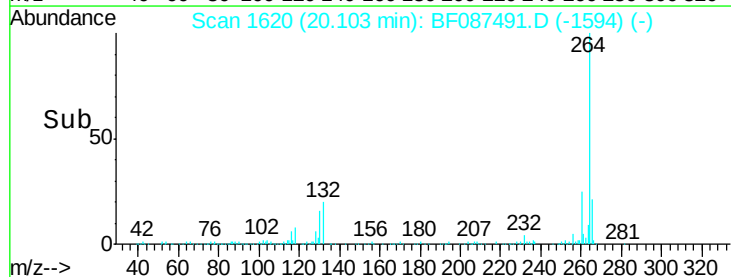
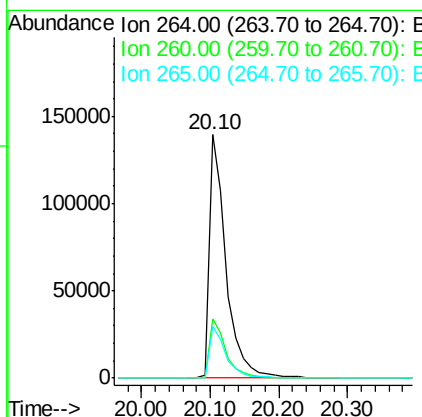
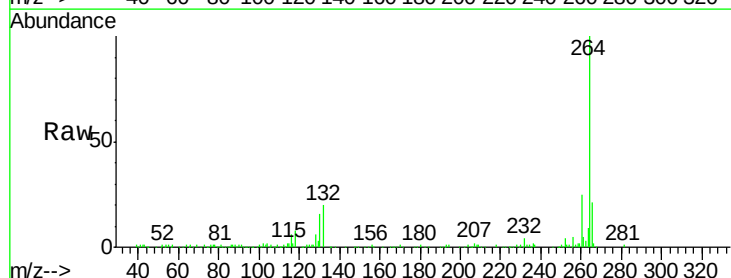
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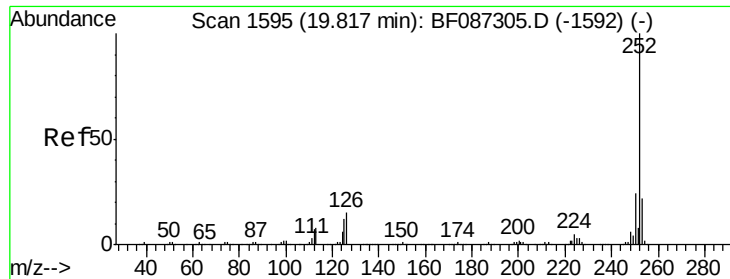
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.10 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	237199		
260	24.5	19.5	29.3	
265	21.4	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 45.66 ng

RT: 19.69 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Instrument :

BNA_F

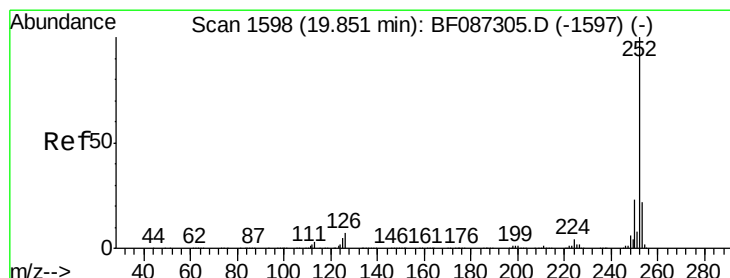
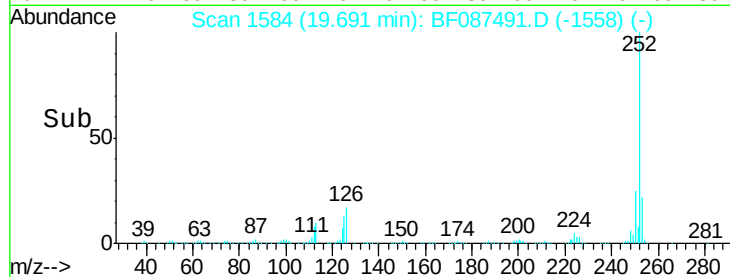
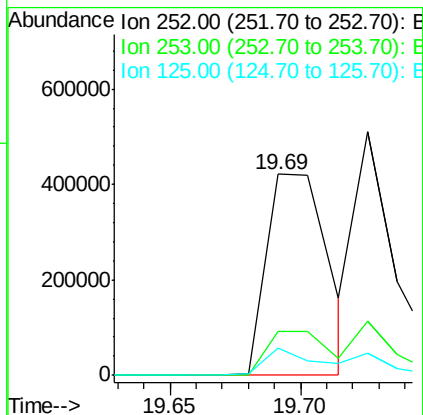
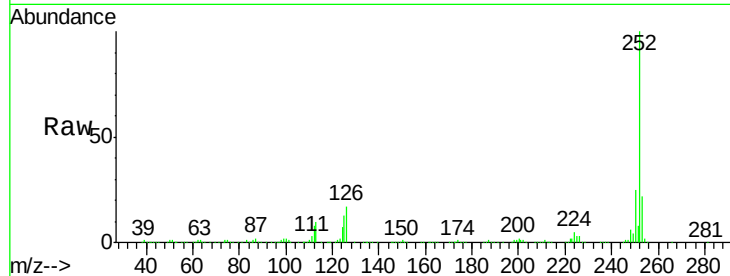
ClientSampleId :

MW-02MSD

Tgt Ion:	252	Resp:	689855
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	13.3	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 44.49 ng m

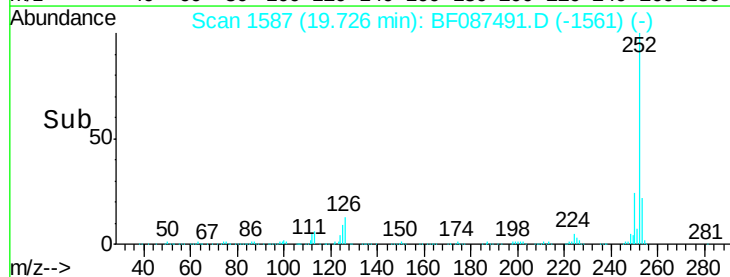
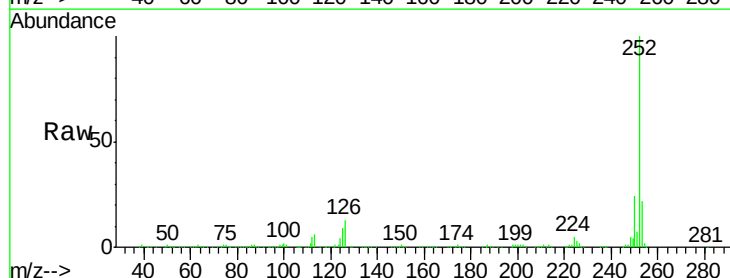
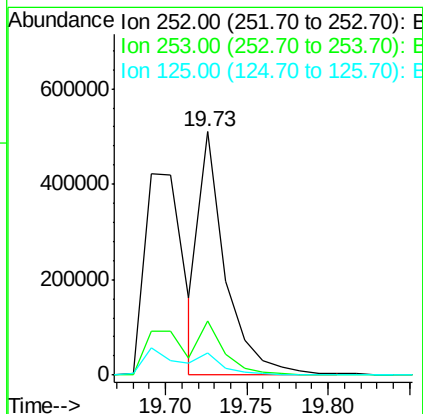
RT: 19.73 min Scan# 1587

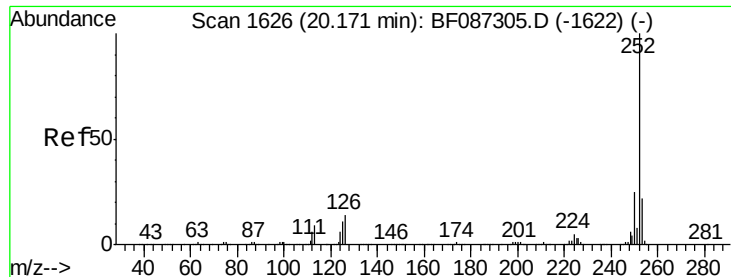
Delta R.T. -0.00 min

Lab File: BF087491.D

Acq: 28 May 2016 21:45

Tgt Ion:	252	Resp:	578580
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.1	9.1	13.7#





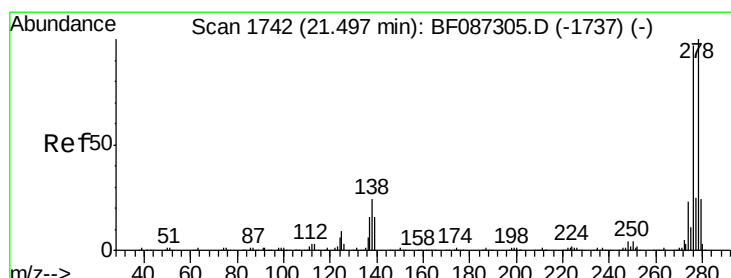
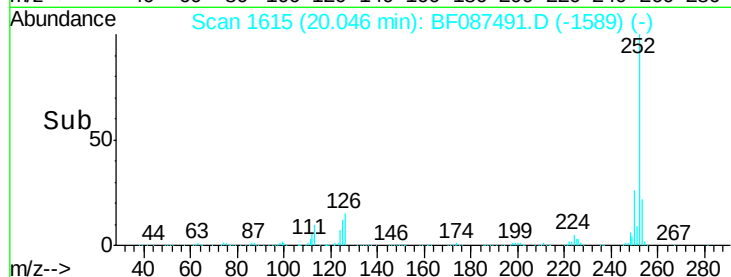
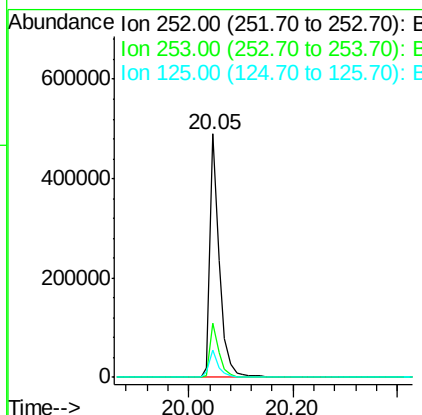
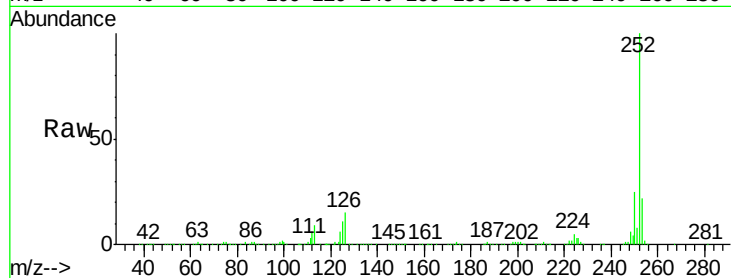
#89
Benzo(a)pyrene
Concen: 46.02 ng
RT: 20.05 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.4	9.0	13.6

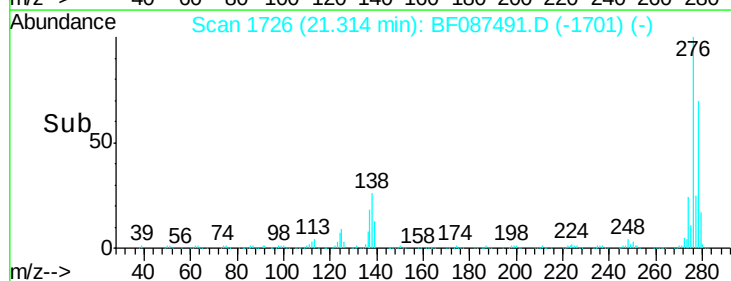
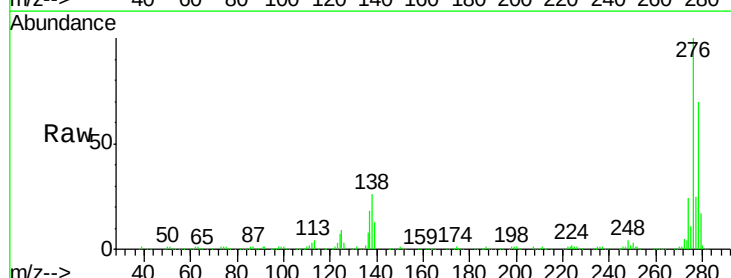
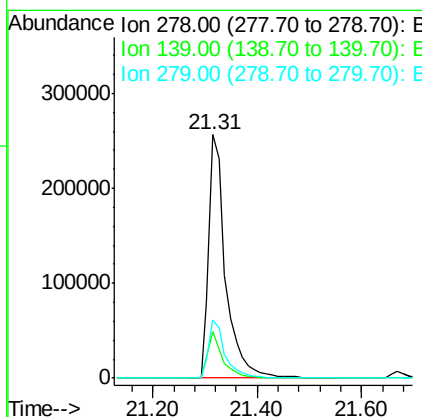
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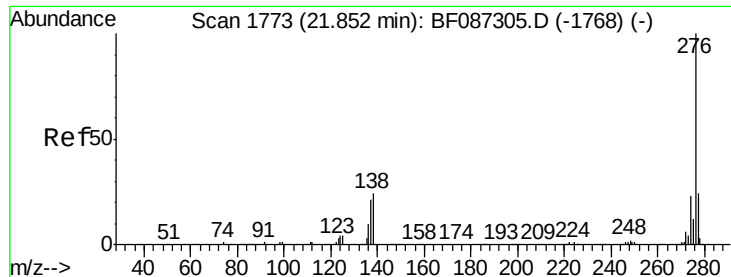
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#90
Dibenzo(a,h)anthracene
Concen: 51.97 ng
RT: 21.31 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BF087491.D
Acq: 28 May 2016 21:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.6	24.8
279	23.9	19.6	29.4





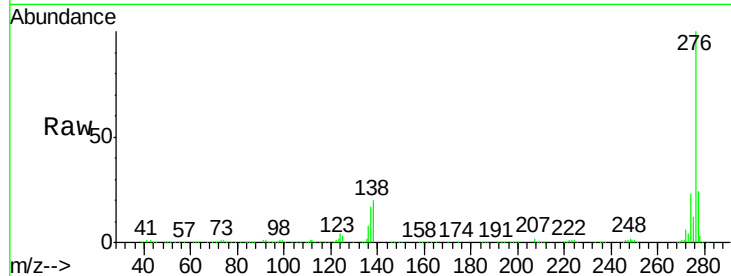
#91
 Benzo(g,h,i)perylene
 Concen: 52.59 ng
 RT: 21.67 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BF087491.D
 Acq: 28 May 2016 21:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-02MSD

Tgt Ion:	276	Resp:	578378
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	20.1	23.6	35.4

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

