

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091484.D
 Acq On : 7 Dec 2016 22:07
 Operator : UM/SJ
 Sample : H5869-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4MS

Manual Integrations
 APPROVED

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 12/8/2016 2:05:34 PM

Quant Time: Dec 08 01:09:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150741	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	570947	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	349821	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	520730	20.00	ng	0.00
75) Chrysene-d12	13.99	240	314031	20.00	ng	0.01
86) Perylene-d12	15.41	264	333463	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	847878	91.89	ng	0.01
7) Phenol-d6	6.48	99	1262728	111.17	ng	0.01
23) Nitrobenzene-d5	7.40	82	792065	77.74	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	375215	113.30	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	1453402	75.23	ng	0.00
78) Terphenyl-d14	12.94	244	1039236	71.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	110191	26.40	ng	# 78
3) Pyridine	3.19	79	295832	25.04	ng	# 82
4) n-Nitrosodimethylamine	3.14	42	211673	34.15	ng	95
6) Aniline	6.49	93	299941	19.88	ng	# 1
8) 2-Chlorophenol	6.62	128	330174	32.64	ng	# 81
9) Benzaldehyde	6.38	77	82935m	11.35	ng	
10) Phenol	6.49	94	544907	40.77	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	335194	35.10	ng	98
12) 1,3-Dichlorobenzene	6.78	146	377297	33.53	ng	95
13) 1,4-Dichlorobenzene	6.85	146	365449	32.65	ng	96
14) 1,2-Dichlorobenzene	7.01	146	383673	36.80	ng	96
15) Benzyl Alcohol	6.98	79	344485	37.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	684682	33.34	ng	73
17) 2-Methylphenol	7.10	107	293007	36.64	ng	# 77
18) Hexachloroethane	7.35	117	148334	37.32	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	278741	38.95	ng	# 91
20) 3+4-Methylphenols	7.25	107	362523	37.13	ng	# 62
22) Acetophenone	7.25	105	509828	37.67	ng	# 82
24) Nitrobenzene	7.42	77	394035	37.78	ng	91
25) Isophorone	7.66	82	694211	38.46	ng	99
26) 2-Nitrophenol	7.74	139	200632	42.21	ng	# 81
27) 2,4-Dimethylphenol	7.77	122	320836	36.08	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	468168	43.09	ng	99
29) 2,4-Dichlorophenol	7.98	162	313067	40.02	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	328371	37.44	ng	99
31) Naphthalene	8.14	128	1117648	41.19	ng	99
33) 4-Chloroaniline	8.18	127	185318	15.98	ng	# 92
34) Hexachlorobutadiene	8.26	225	213298	39.55	ng	98
35) Caprolactam	8.56	113	87944m	39.11	ng	
36) 4-Chloro-3-methylphenol	8.68	107	305957	36.23	ng	97
37) 2-Methylnaphthalene	8.84	142	755637	40.99	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	312743	31.71	ng	98
40) Hexachlorocyclopentadiene	8.98	237	269068	58.86	ng	98
42) 2,4,6-Trichlorophenol	9.11	196	230128	35.91	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	227922	35.49	nq	93
45) 1,1'-Biphenyl	9.29	154	798046	31.73	nq	97
46) 2-Chloronaphthalene	9.32	162	598490	31.95	nq	98
47) 2-Nitroaniline	9.42	65	246614	36.65	nq	94
48) Acenaphthylene	9.74	152	1029490	34.91	nq	99
49) Dimethylphthalate	9.60	163	816966	38.57	nq	98
50) 2,6-Dinitrotoluene	9.66	165	162446	34.31	nq	98
51) Acenaphthene	9.91	154	711912	35.79	nq	96
52) 3-Nitroaniline	9.82	138	103829	18.95	nq	83
53) 2,4-Dinitrophenol	9.92	184	46508	22.46	nq	# 46
54) Dibenzofuran	10.08	168	976594	36.67	nq	91
55) 4-Nitrophenol	9.99	139	210867	53.28	nq	95
56) 2,4-Dinitrotoluene	10.06	165	215132	35.03	nq	# 68
57) Fluorene	10.42	166	740584	36.22	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	199059	36.29	nq	# 96
59) Diethylphthalate	10.30	149	713574	34.13	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	340010	33.16	nq	# 90
61) 4-Nitroaniline	10.44	138	134368	26.11	nq	84
62) Azobenzene	10.57	77	773412	36.25	nq	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	95348	33.24	nq	# 37
65) n-Nitrosodiphenylamine	10.53	169	608503	38.54	nq	98
66) 4-Bromophenyl-phenylether	10.90	248	236763	42.30	nq	# 77
67) Hexachlorobenzene	10.96	284	207197	34.26	nq	# 76
68) Atrazine	11.06	200	216529	42.35	nq	95
69) Pentachlorophenol	11.16	266	232505	65.30	nq	97
70) Phenanthrene	11.37	178	1101676	40.71	nq	99
71) Anthracene	11.43	178	1044192	38.88	nq	99
72) Carbazole	11.58	167	750931	30.82	nq	98
73) Di-n-butylphthalate	11.92	149	1071724	38.81	nq	99
74) Fluoranthene	12.56	202	1059476	41.34	nq	99
76) Benzidine	12.69	184	225370	24.45	nq	97
77) Pyrene	12.79	202	1110651	46.60	nq	99
79) Butylbenzylphthalate	13.41	149	329023	36.87	nq	87
80) Benzo(a)anthracene	13.98	228	796379	43.36	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	145366	22.47	nq	# 99
82) Chrysene	14.01	228	782476	43.06	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	476076	42.09	nq	# 90
84) Di-n-octyl phthalate	14.59	149	768755	44.91	nq	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	716502	43.06	nq	# 91
87) Benzo(b)fluoranthene	15.00	252	1023643m	49.39	nq	
88) Benzo(k)fluoranthene	15.03	252	501158m	28.75	nq	
89) Benzo(a)pyrene	15.35	252	775147m	41.64	nq	
90) Dibenzo(a,h)anthracene	16.81	278	555708	32.28	nq	# 89
91) Benzo(g,h,i)perylene	17.21	276	598040m	33.69	nq	

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

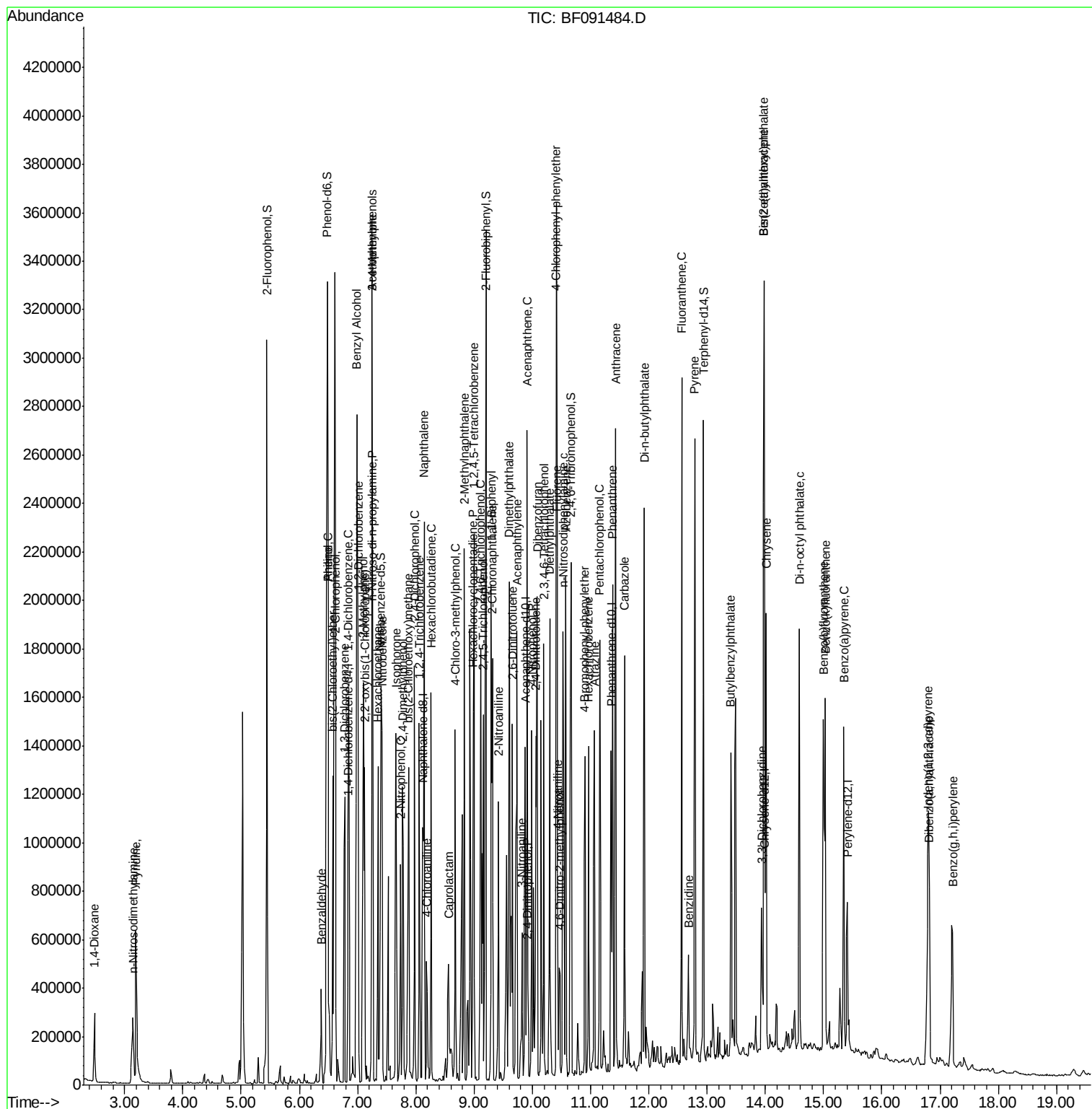
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
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ALS Vial : 16 Sample Multiplier: 1

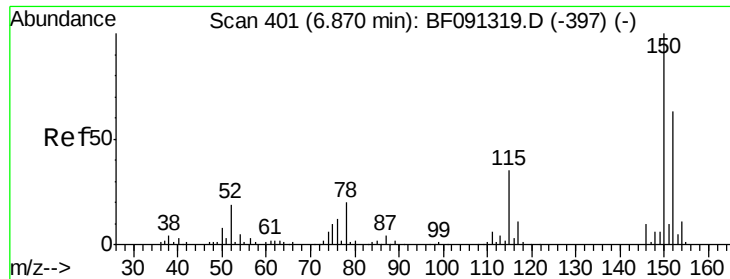
Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

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#1

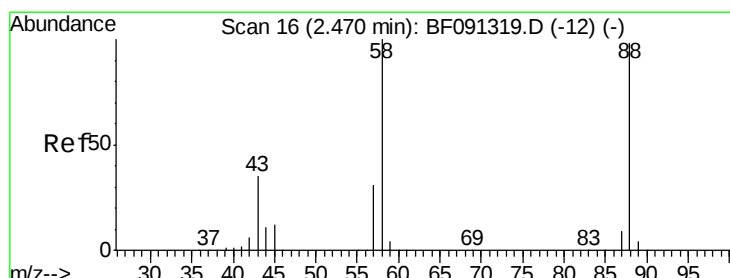
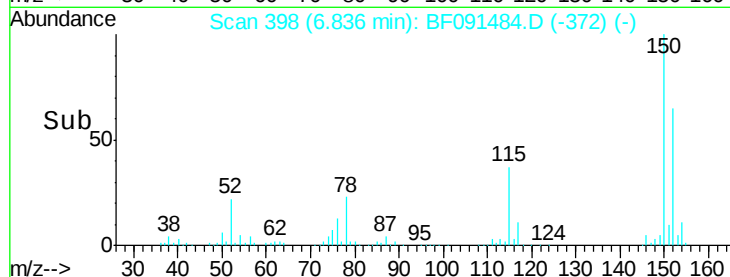
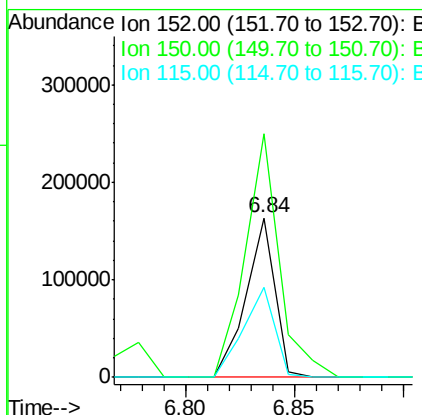
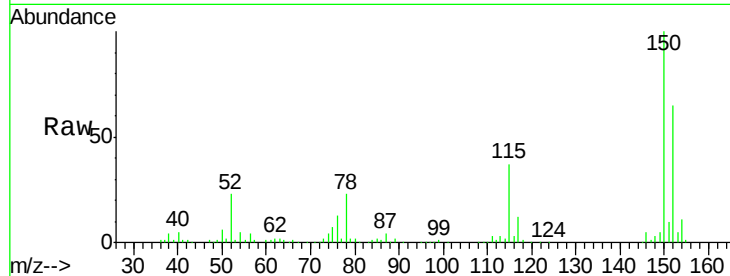
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.5	183.7
115	56.2	51.8	77.8

Manual Integrations
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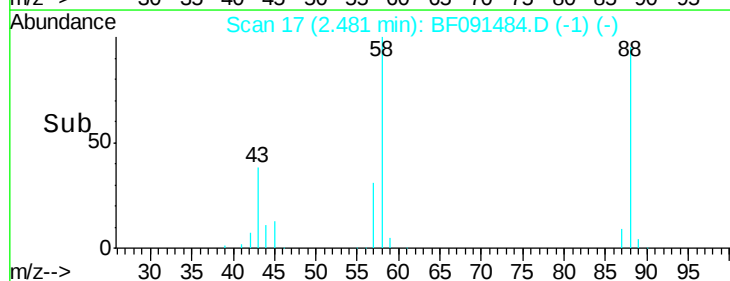
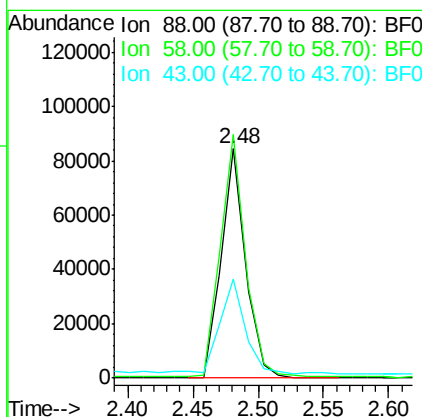
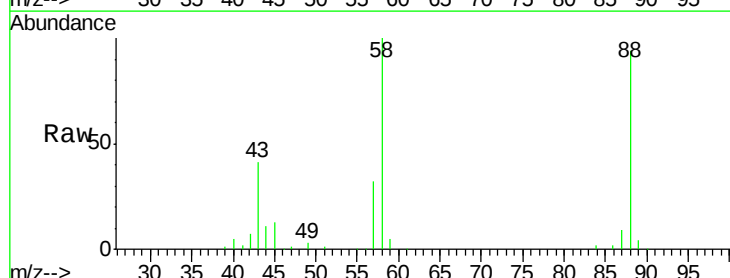
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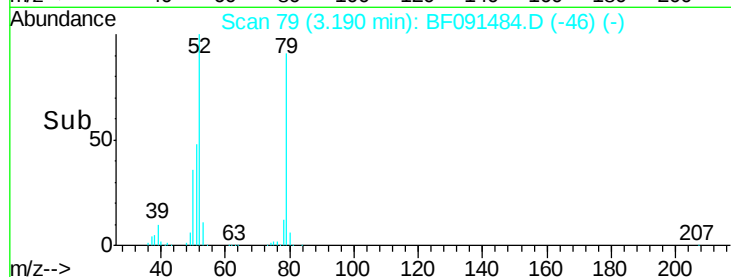
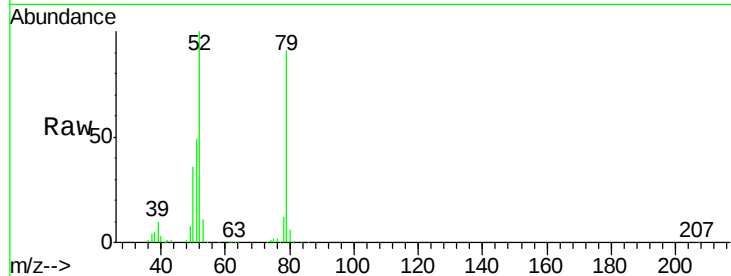
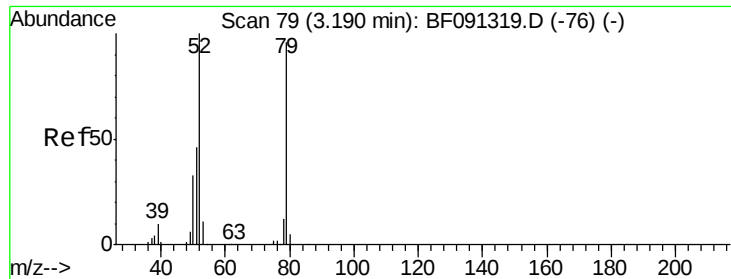


#2

1,4-Dioxane
Concen: 26.40 ng
RT: 2.48 min Scan# 17
Delta R.T. 0.08 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	112.6	70.3	105.5#
43	45.8	31.3	46.9





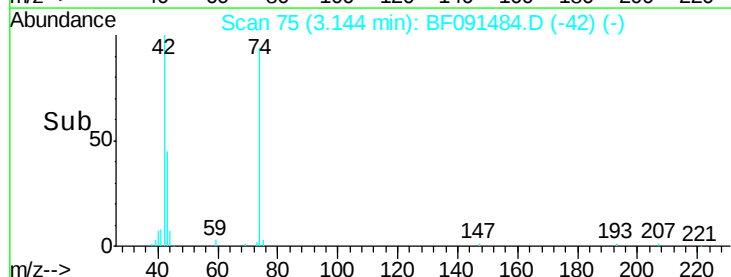
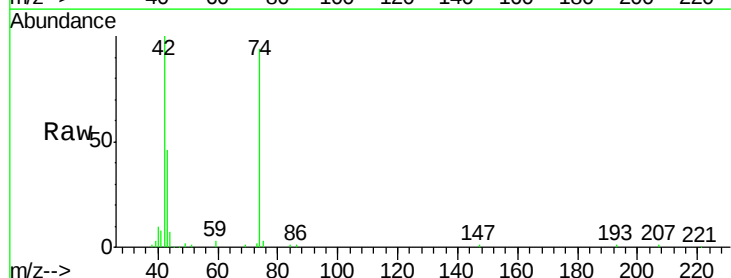
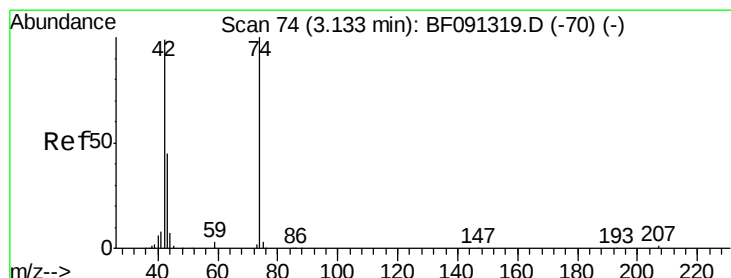
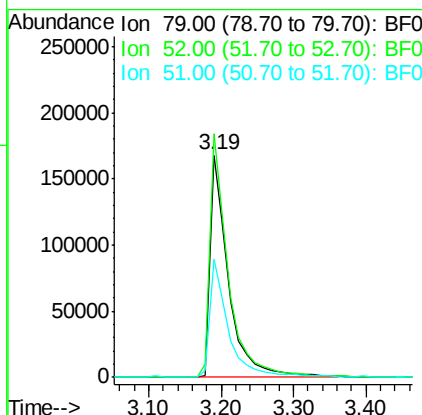
#3
 Pvridine
 Concen: 25.04 ng
 RT: 3.19 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Tot Ion	Ratio	Lower	Upper
79	100		
52	109.7	71.0	106.4#
51	53.2	37.0	55.4

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4MS

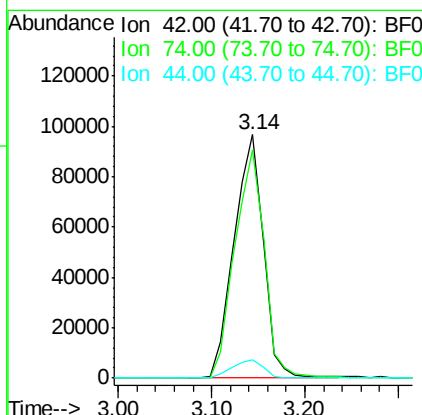
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#4
 n-Nitrosodimethylamine
 Concen: 34.15 ng
 RT: 3.14 min Scan# 75
 Delta R.T. 0.08 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	93.5	78.9	118.3
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 91.89 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

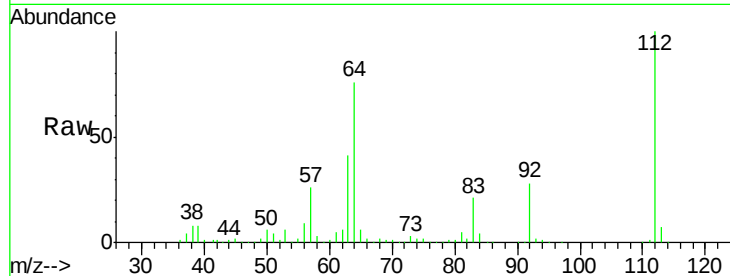
ClientSampleId :

TP17-18-COMP4MS

Tot Ion:	112	Resp:	847878
Ion Ratio	Lower	Upper	
112	100		
64	76.0	61.5	92.3
63	41.2	33.3	49.9

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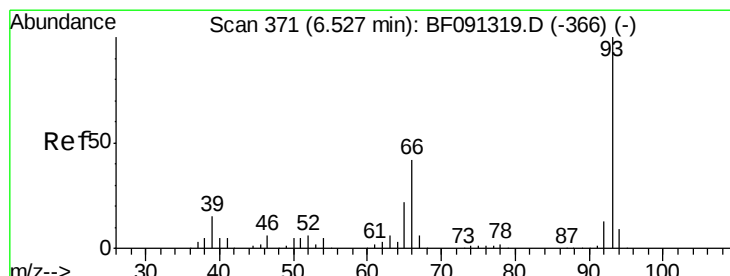
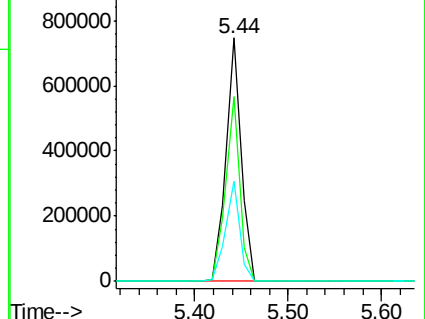
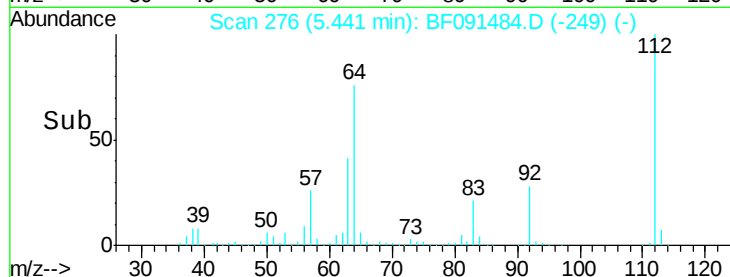
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.88 ng

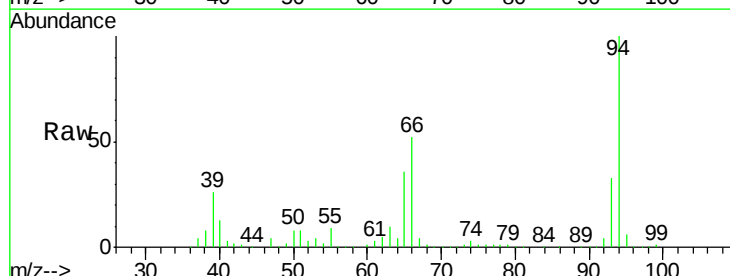
RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

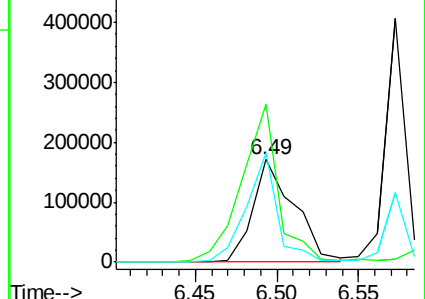
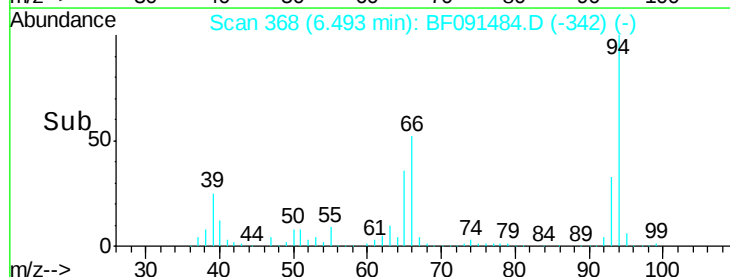
Tgt Ion:	93	Resp:	299941
Ion Ratio	Lower	Upper	
93	100		
66	155.1	55.8	83.6#
65	106.9	29.9	44.9#

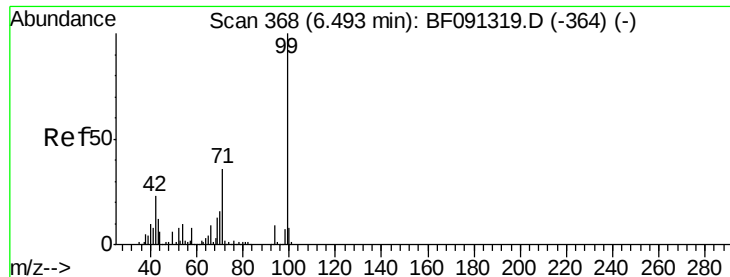


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.17 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

ClientSampleId :

TP17-18-COMP4MS

Tot Ion: 99 Resp: 1262728

Ion Ratio Lower Upper

99 100

42 20.5 20.6 31.0#

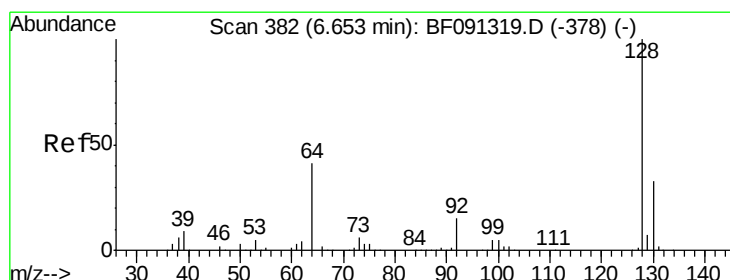
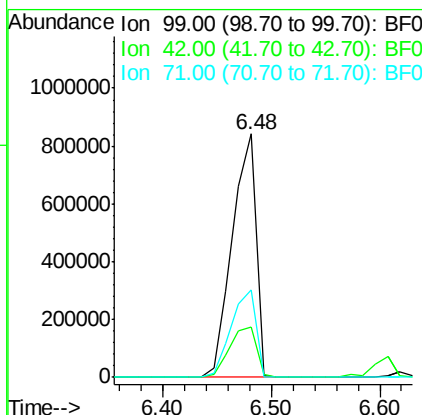
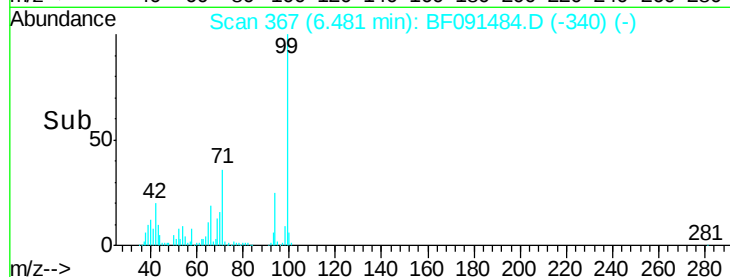
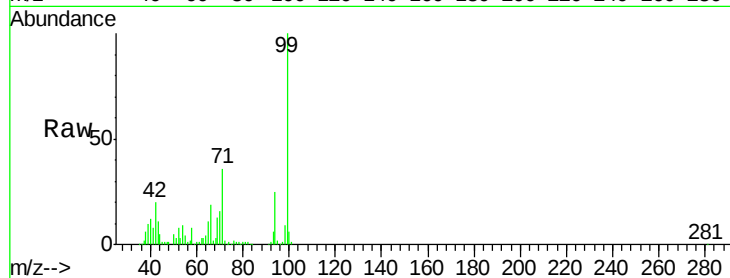
71 35.7 29.9 44.9

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#8

2-Chlorophenol

Concen: 32.64 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

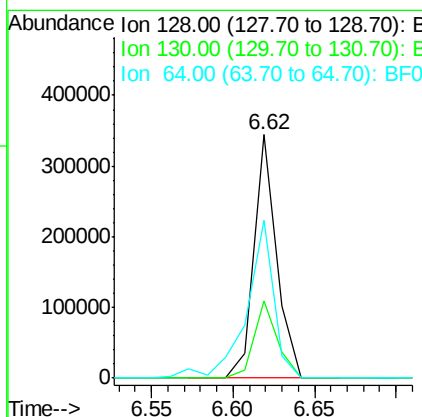
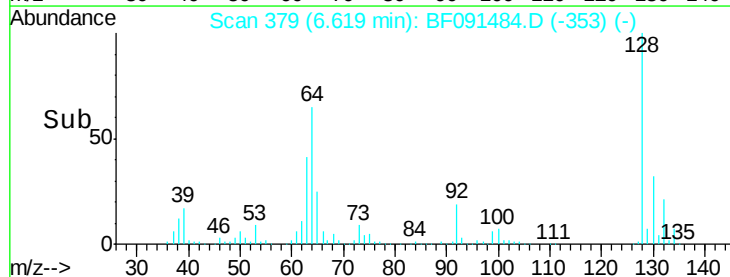
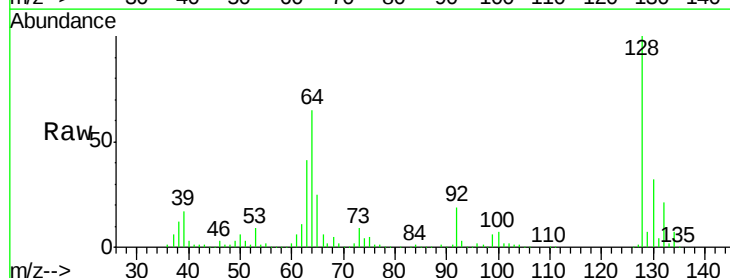
Tgt Ion:128 Resp: 330174

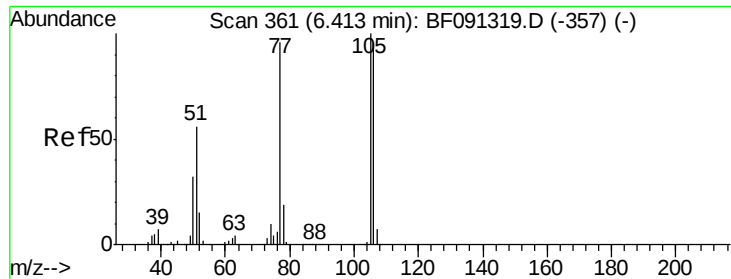
Ion Ratio Lower Upper

128 100

130 31.9 13.1 53.1

64 64.9 24.1 64.1#





#9

Benzaldehyde

Concen: 11.35 ng/mL

RT: 6.38 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

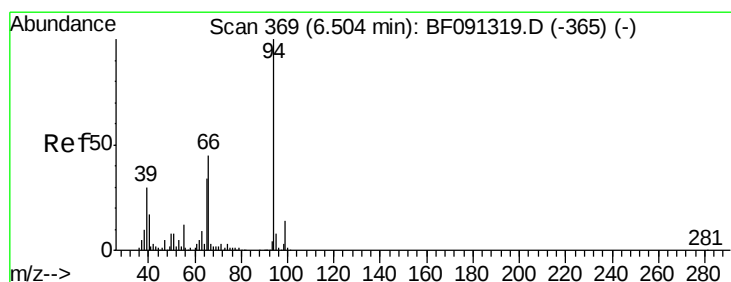
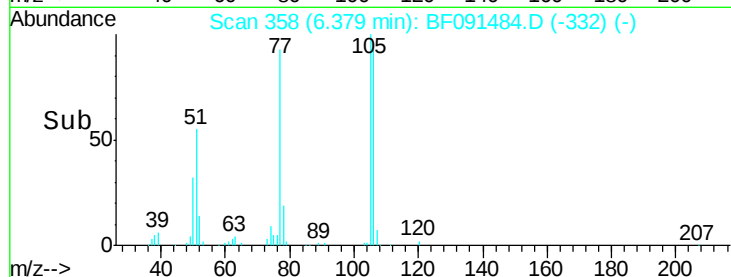
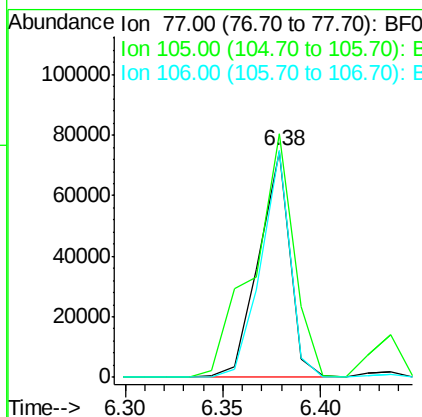
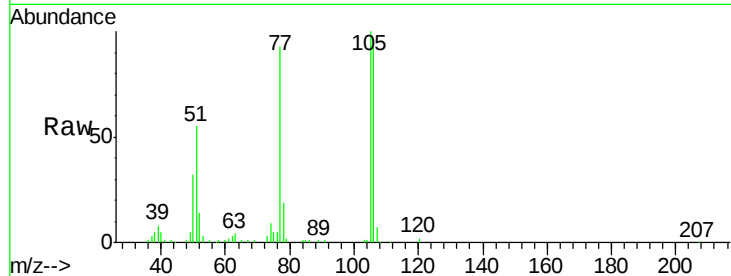
ClientSampleId :

TP17-18-COMP4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	107.9	66.4	106.4#		
106	100.7	60.9	100.9		

Manual Integrations
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#10

Phenol

Concen: 40.77 ng/mL

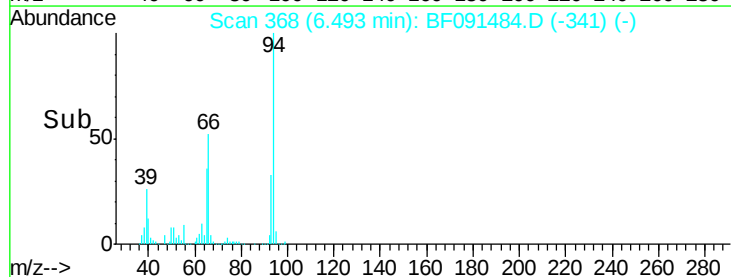
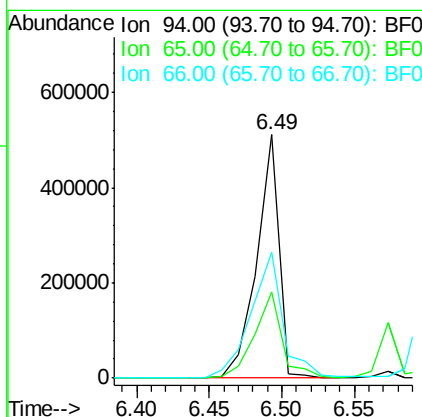
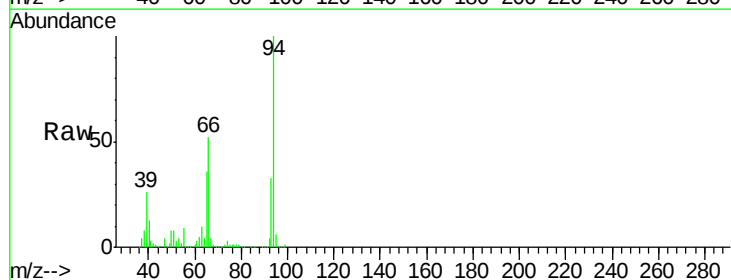
RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.6	16.9	56.9		
66	51.7	30.6	70.6		





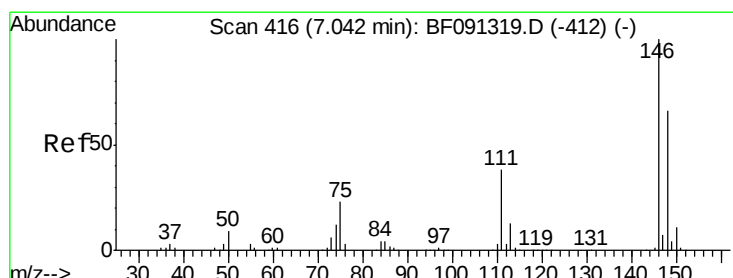
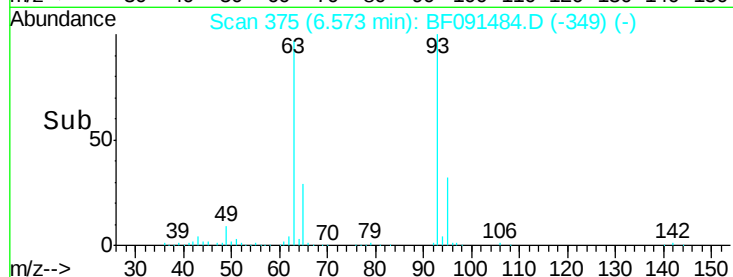
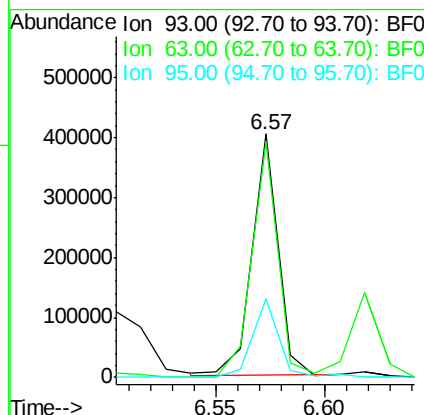
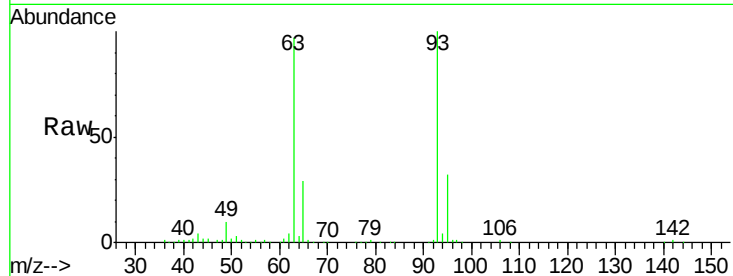
#11
bis(2-Chloroethyl)ether
Concen: 35.10 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	97.0	74.8	114.8
95	32.4	12.4	52.4

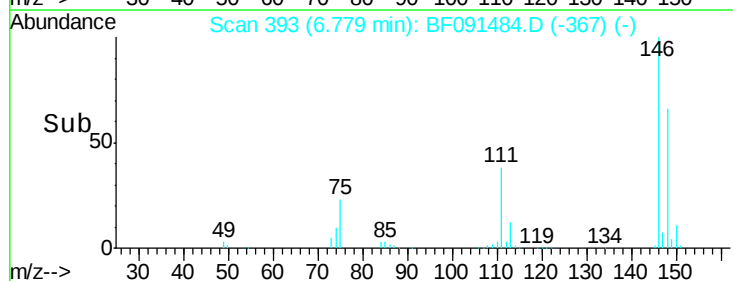
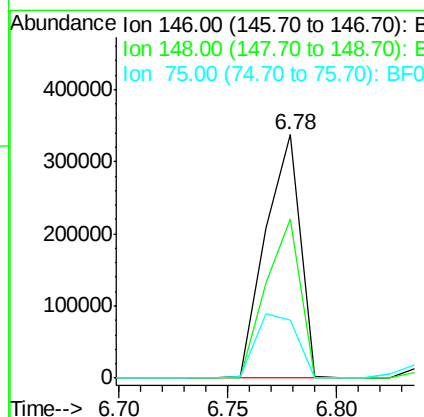
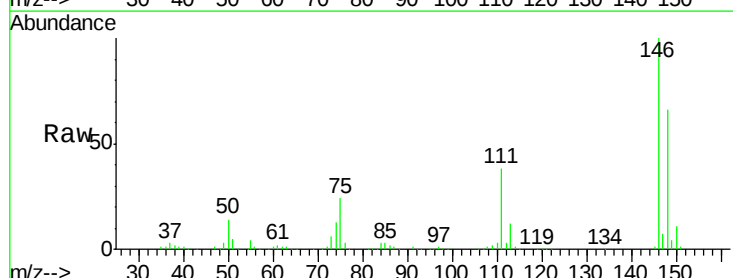
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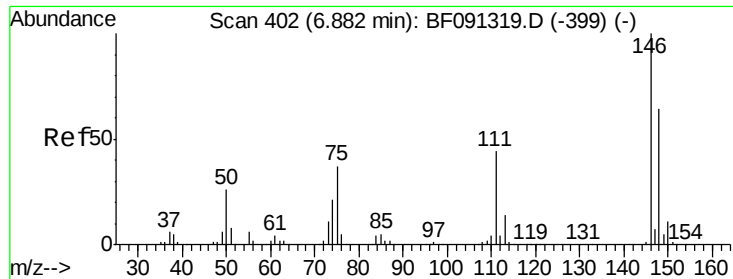
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#12
1,3-Dichlorobenzene
Concen: 33.53 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
75	23.8	23.6	35.4





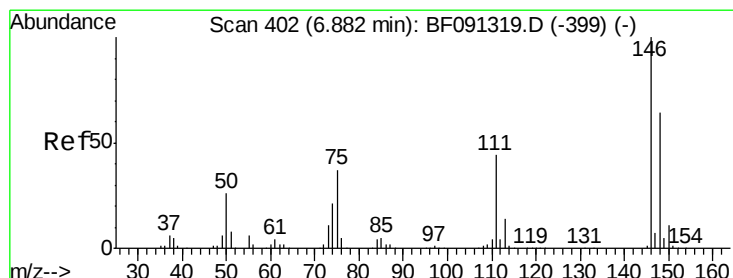
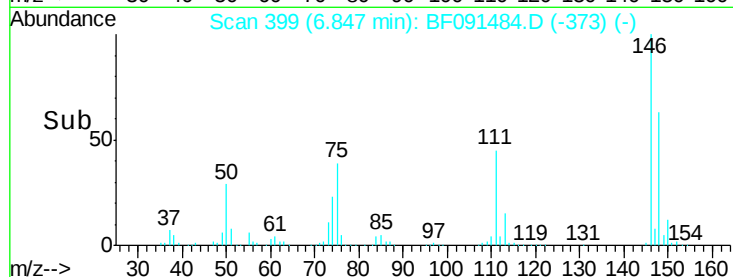
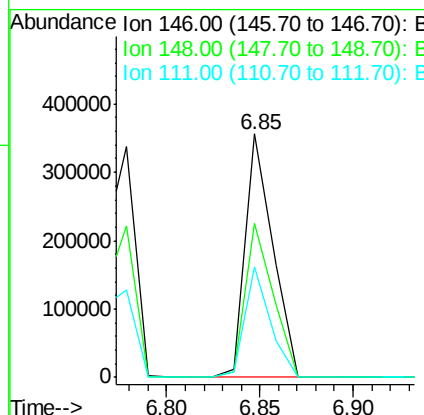
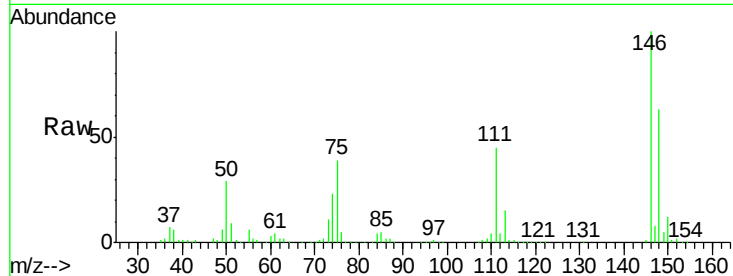
#13
1,4-Dichlorobenzene
Concen: 32.65 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	45.5	32.2	48.2

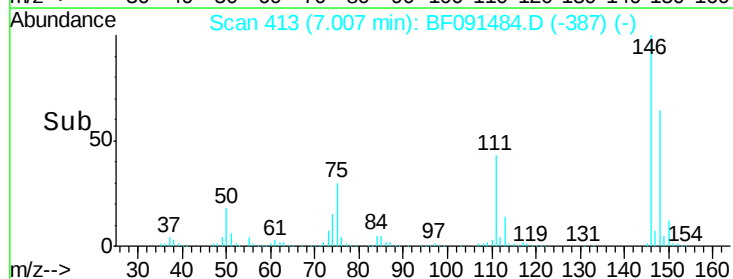
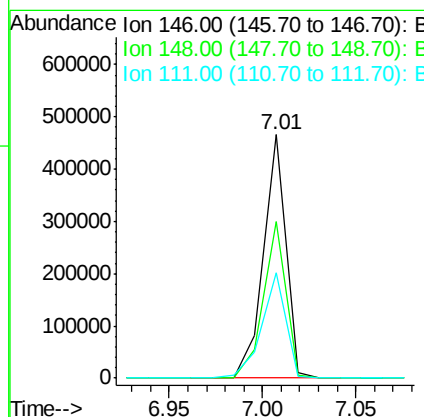
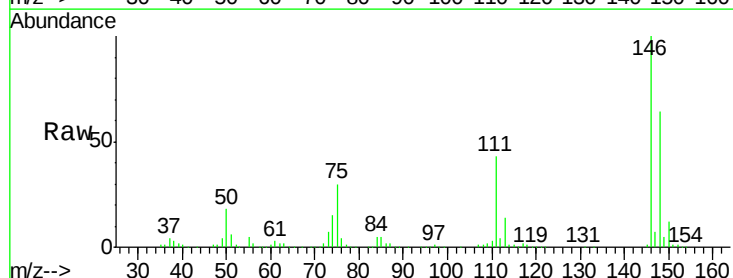
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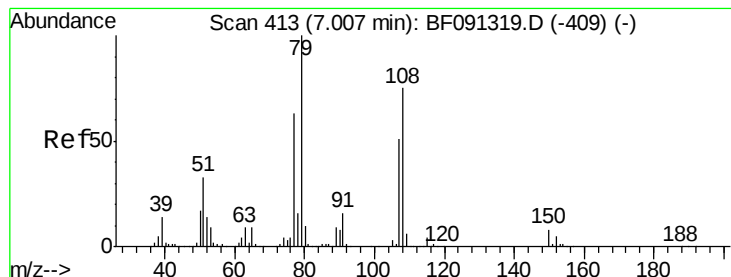
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#14
1,2-Dichlorobenzene
Concen: 36.80 ng
RT: 7.01 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	43.1	38.9	58.3





#15

Benzyl Alcohol

Concen: 37.90 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

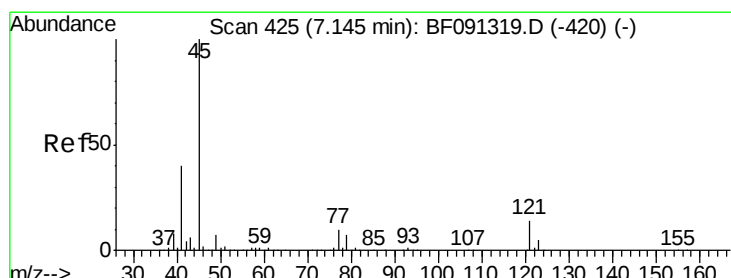
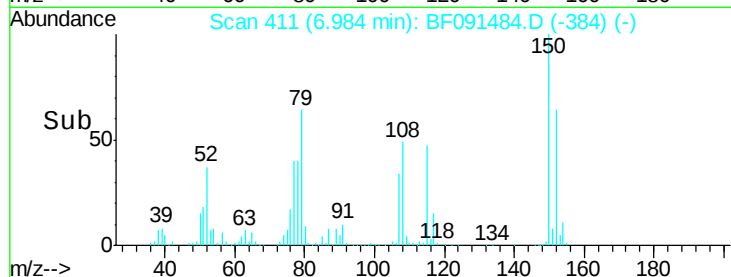
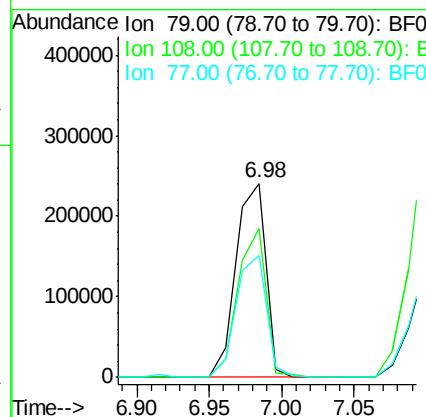
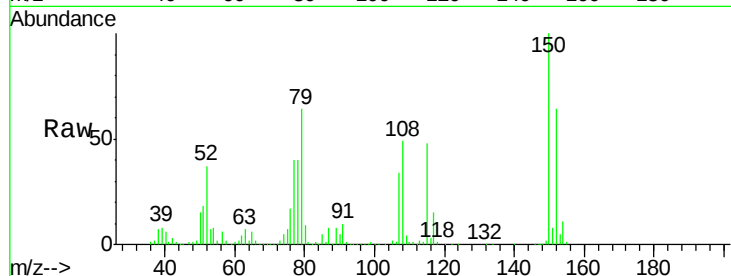
ClientSampleId :

TP17-18-COMP4MS

Tot Ion:	79	Resp:	344485
Ion Ratio	Lower	Upper	
79	100		
108	77.1	62.7	94.1
77	62.7	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.34 ng

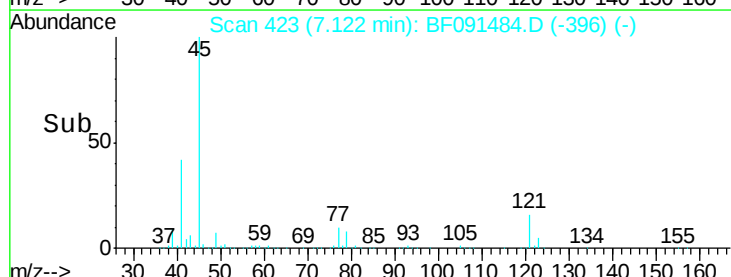
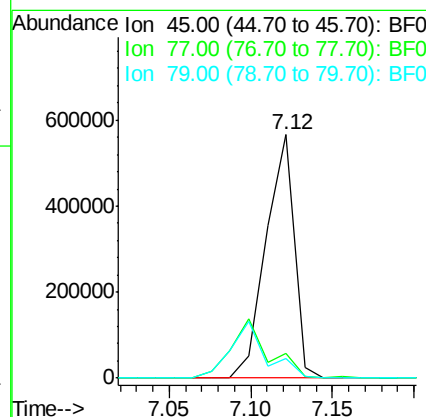
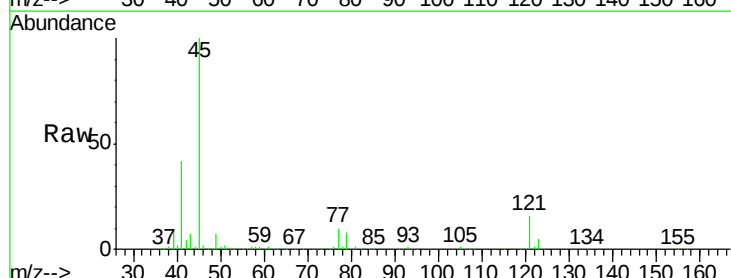
RT: 7.12 min Scan# 423

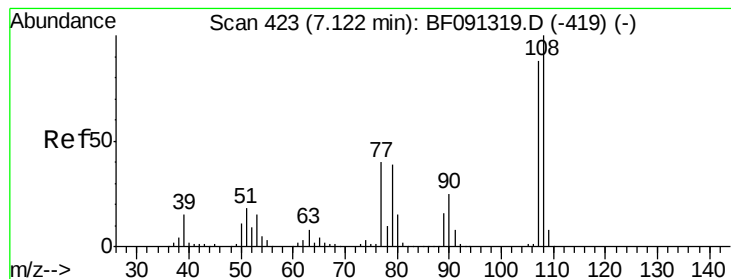
Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:	45	Resp:	684682
Ion Ratio	Lower	Upper	
45	100		
77	10.4	3.8	43.8
79	7.9	0.2	40.2





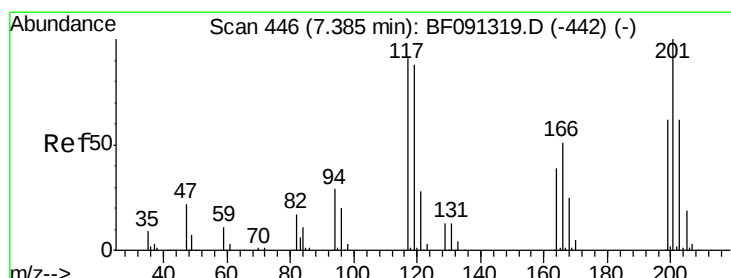
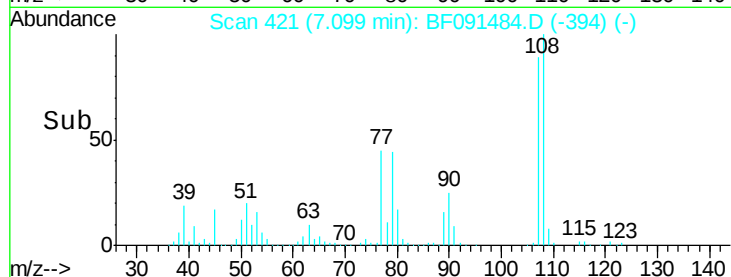
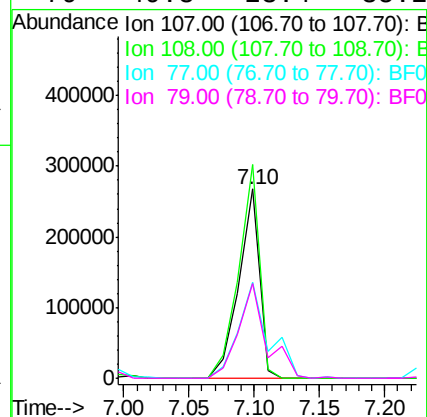
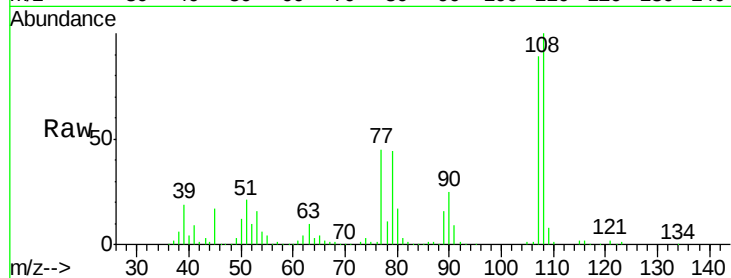
#17
2-Methylphenol
Concen: 36.64 ng
RT: 7.10 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	67.7	101.5#	
77	51.0	40.7	61.1	
79	49.8	23.4	35.2#	

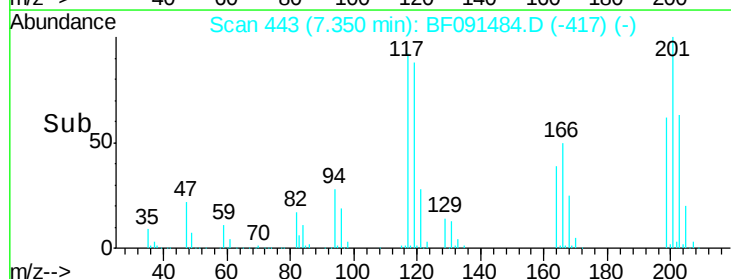
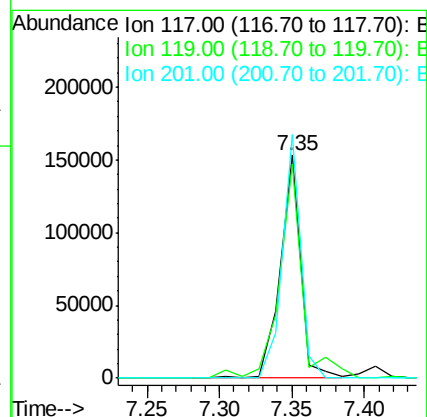
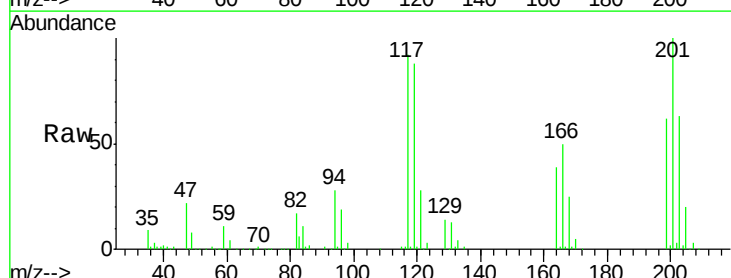
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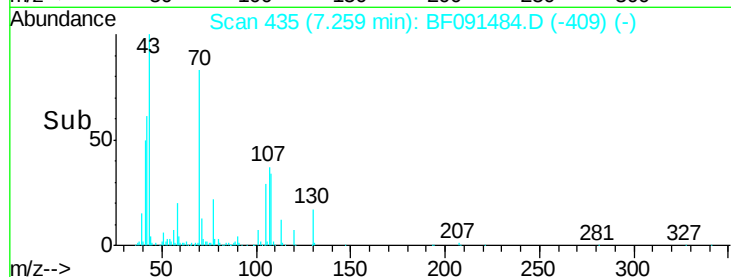
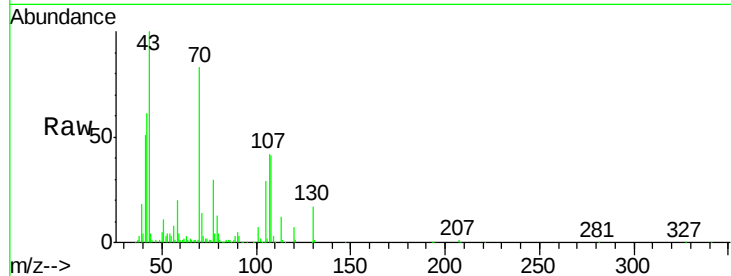
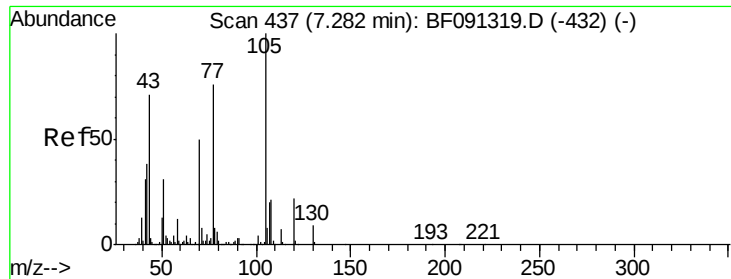
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#18
Hexachloroethane
Concen: 37.32 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	78.6	118.0	
201	109.3	86.7	130.1	





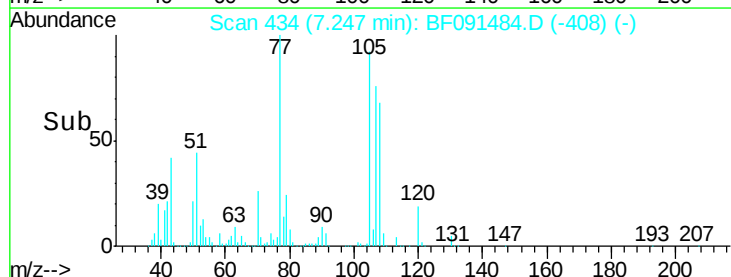
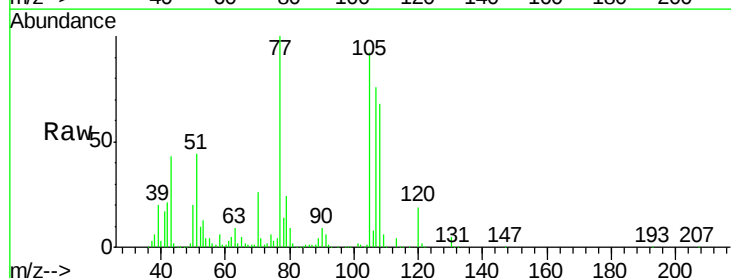
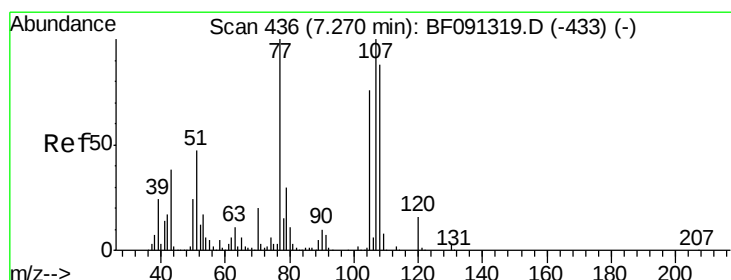
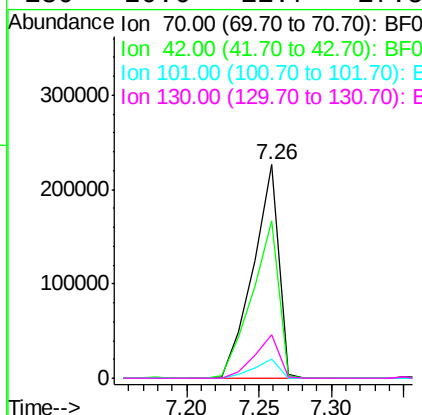
#19
n-Nitroso-di-n-propylamine
Concen: 38.95 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Manual Integrations
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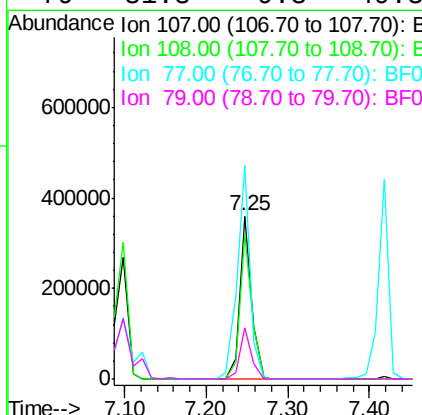
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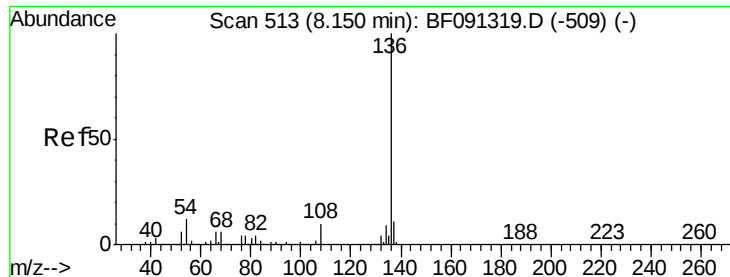
Tot Ion	Ratio	Lower	Upper
70	100		
42	73.5	64.8	97.2
101	9.0	6.2	9.4
130	20.6	11.7	17.5#



#20
3+4-Methylphenols
Concen: 37.13 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	64.6	104.6
77	130.9	30.9	70.9#
79	31.3	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

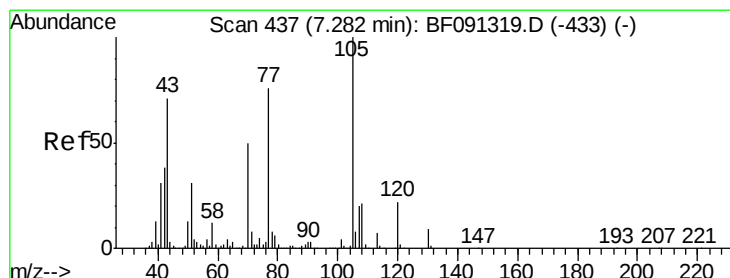
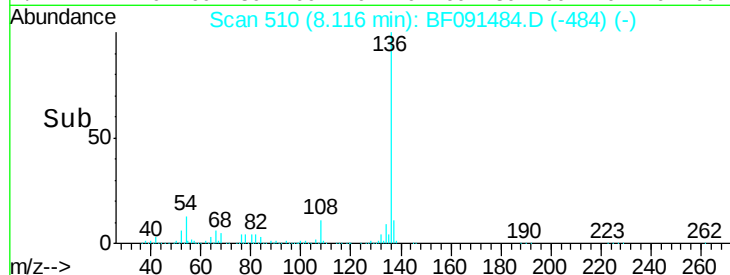
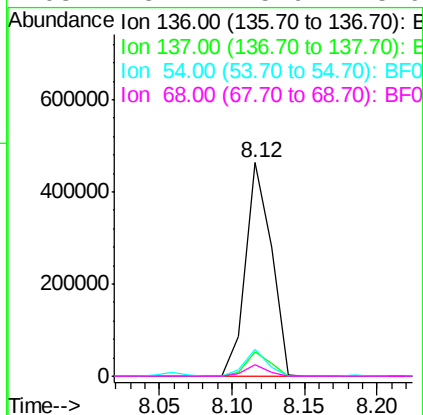
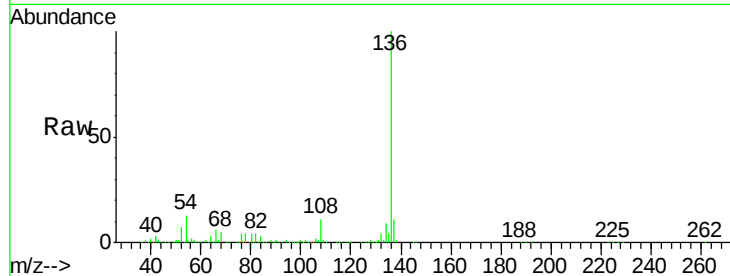
ClientSampleId :

TP17-18-COMP4MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	570947		
137	11.1		9.1	13.7
54	12.8		9.1	13.7
68	5.2		5.9	8.9#

Manual Integrations
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#22

Acetophenone

Concen: 37.67 ng

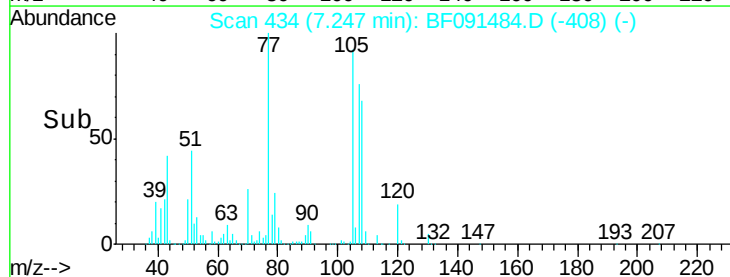
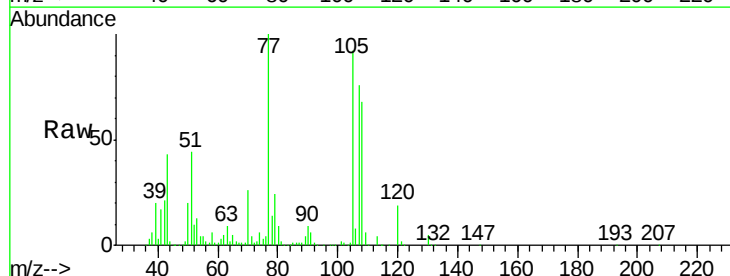
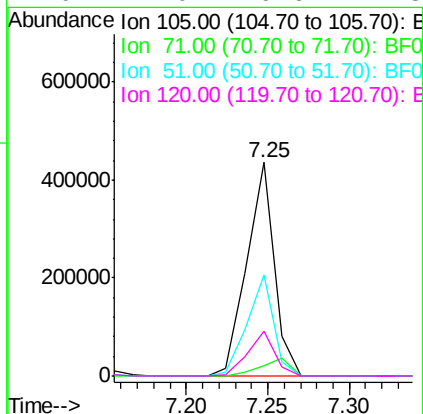
RT: 7.25 min Scan# 434

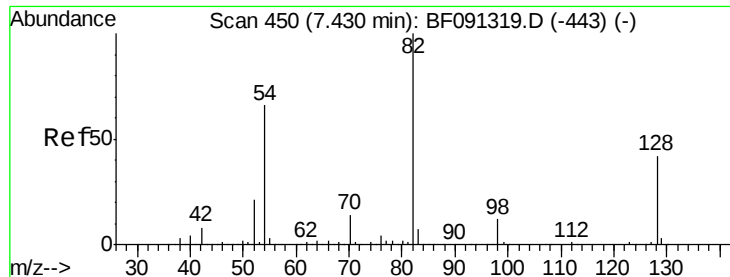
Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	509828		
71	4.6		7.9	11.9#
51	47.7		24.5	36.7#
120	21.0		16.6	24.8





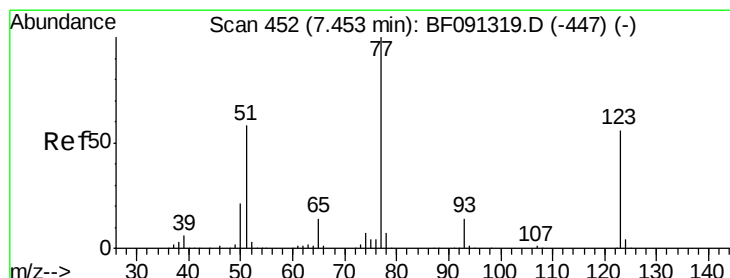
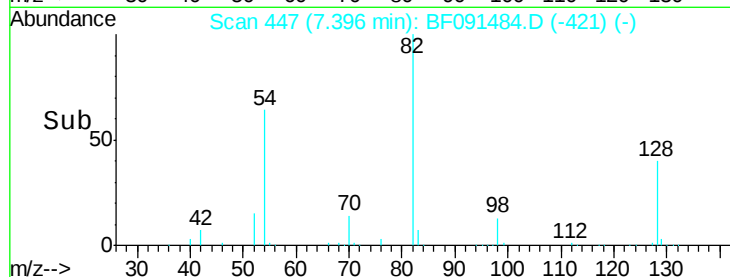
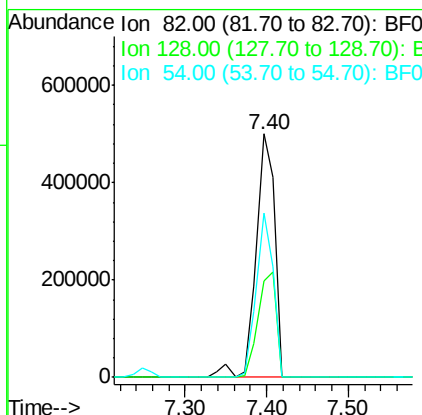
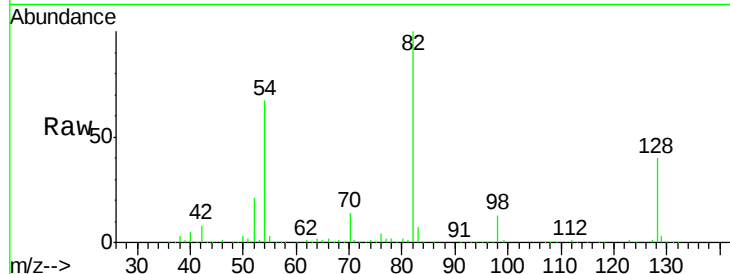
#23
 Nitrobenzene-d5
 Concen: 77.74 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.8	47.6
54	67.5	49.1	73.7

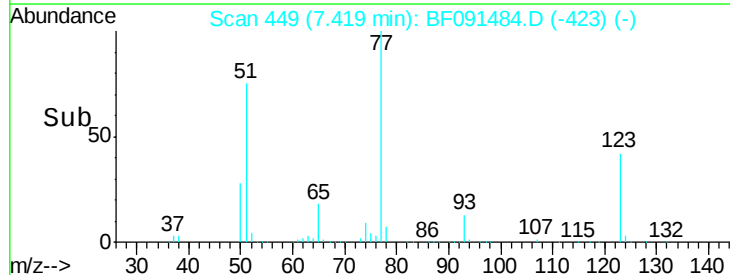
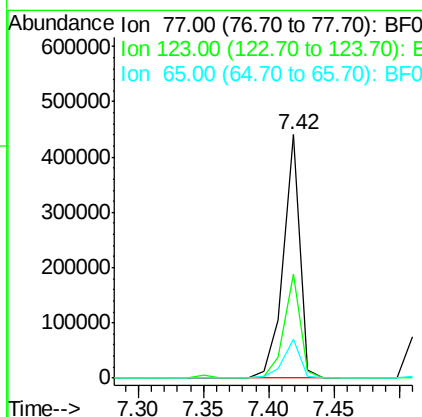
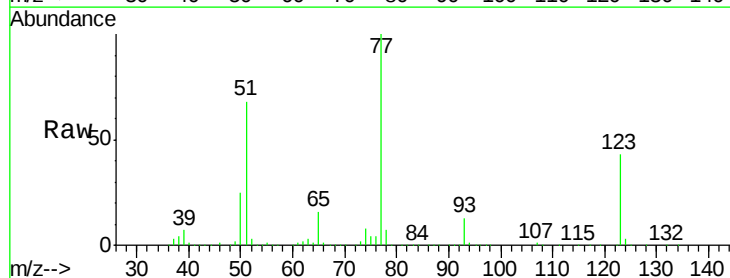
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#24
 Nitrobenzene
 Concen: 37.78 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	28.5	42.7
65	15.9	12.5	18.7





#25

Isophorone

Concen: 38.46 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

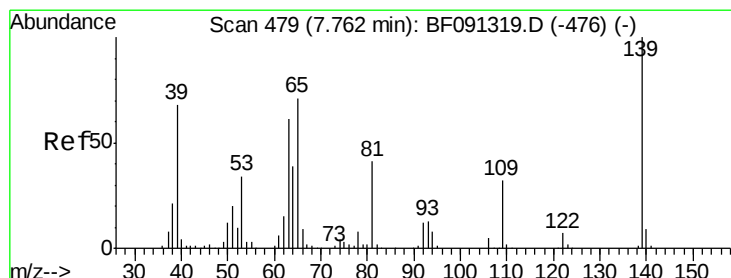
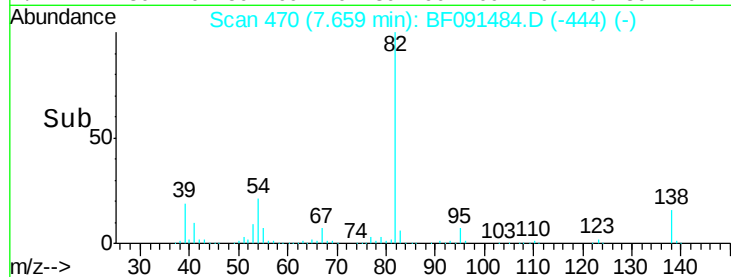
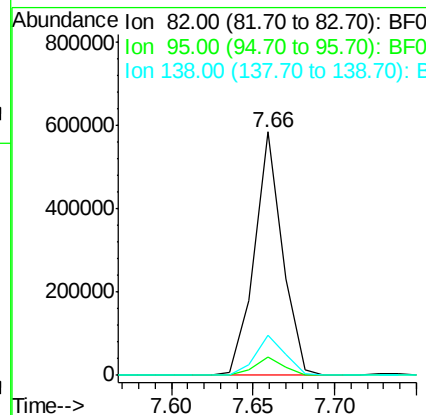
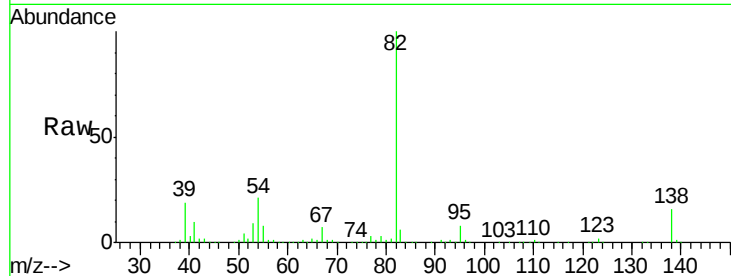
ClientSampleId :

TP17-18-COMP4MS

Tot Ion:	82	Resp:	694211
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	16.3	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.21 ng

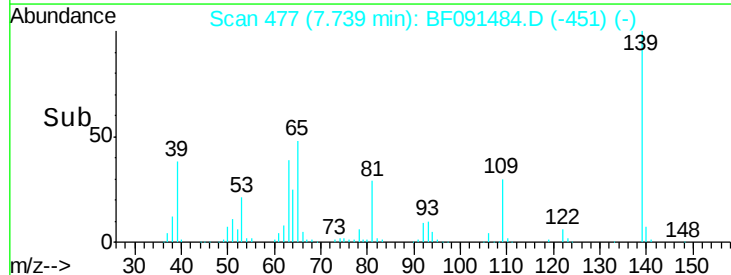
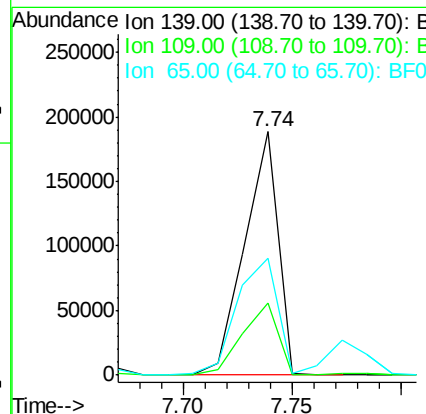
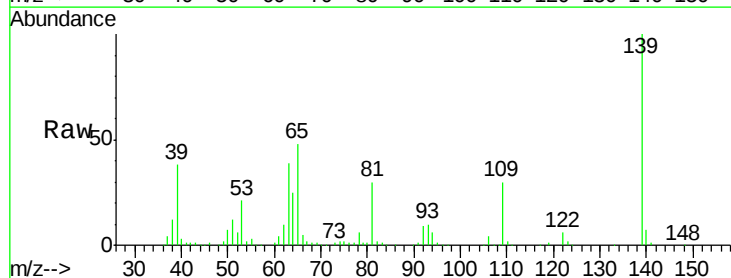
RT: 7.74 min Scan# 477

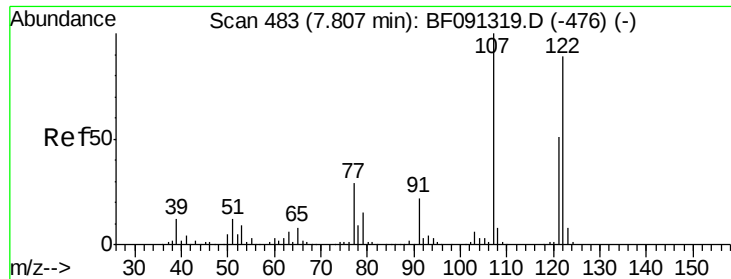
Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:	139	Resp:	200632
Ion Ratio	Lower	Upper	
139	100		
109	29.5	25.3	37.9
65	48.0	55.4	83.2





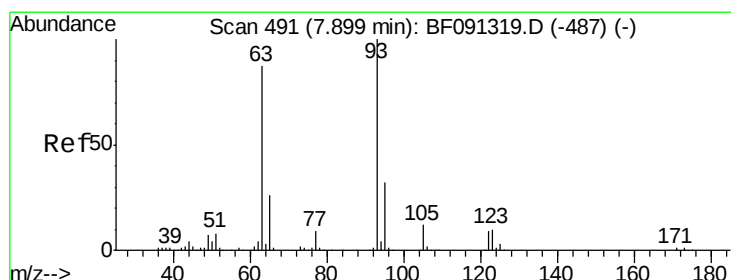
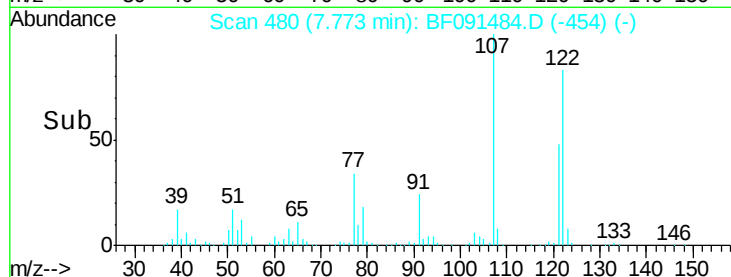
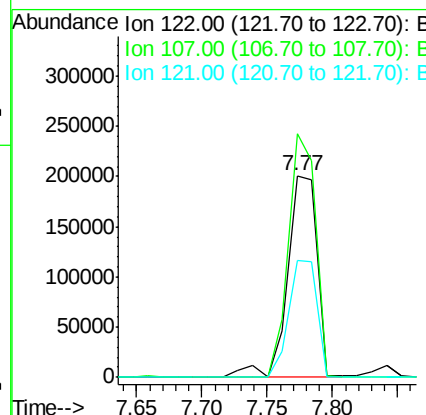
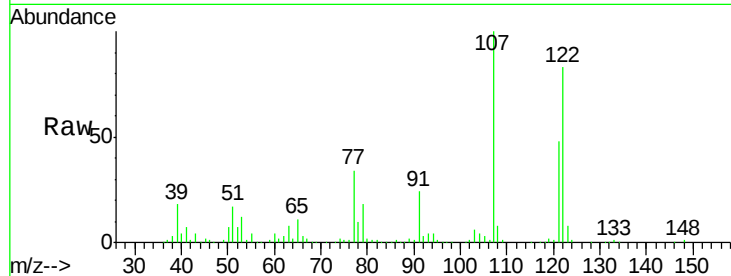
#27
 2,4-Dimethylphenol
 Concen: 36.08 ng
 RT: 7.77 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.7	96.8	145.2
121	57.7	47.7	71.5

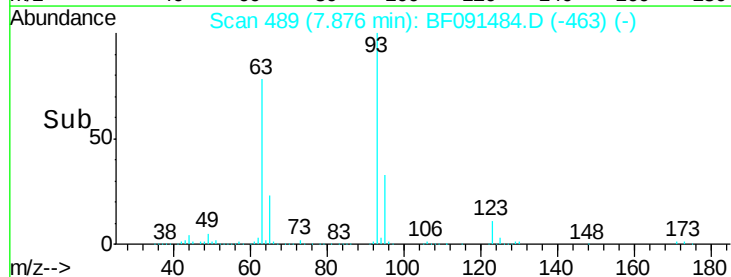
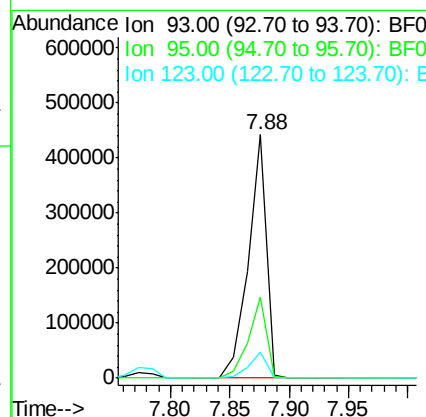
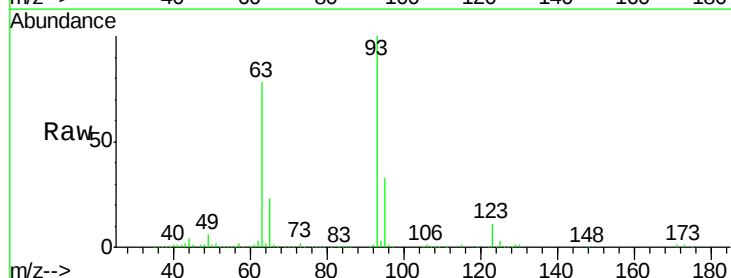
Manual Integrations
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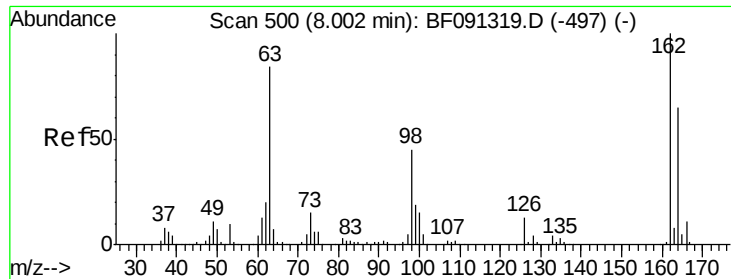
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.09 ng
 RT: 7.88 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	10.9	8.6	12.8





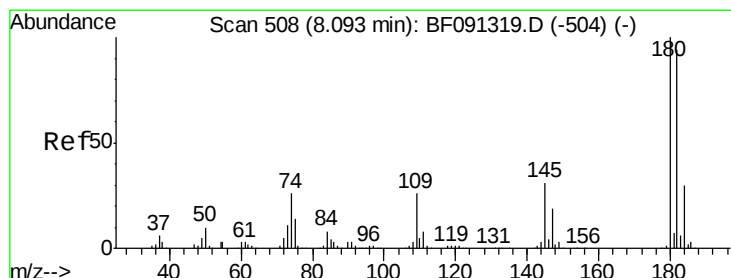
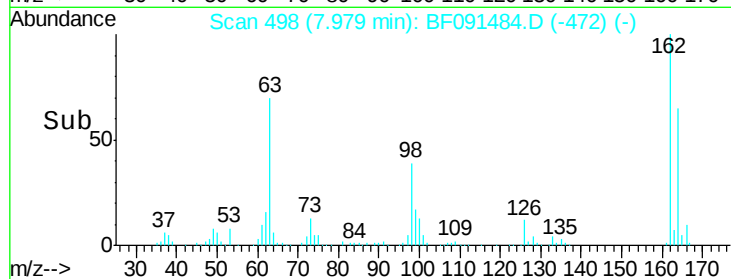
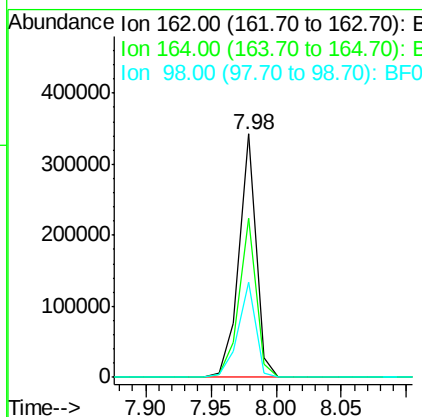
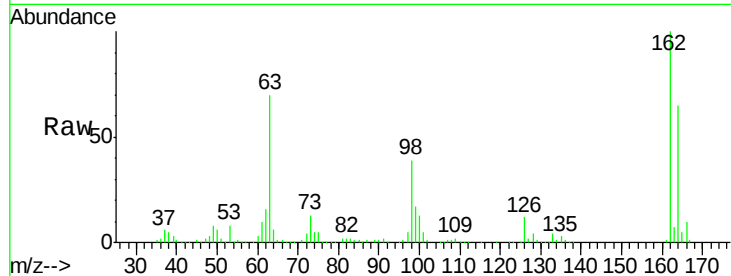
#29
2,4-Dichlorophenol
Concen: 40.02 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	313067		
164	65.5	45.0	85.0	
98	39.1	21.3	61.3	

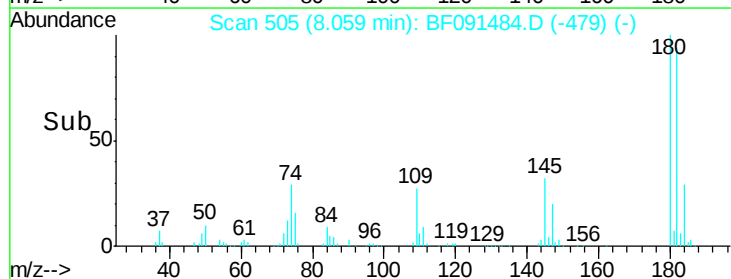
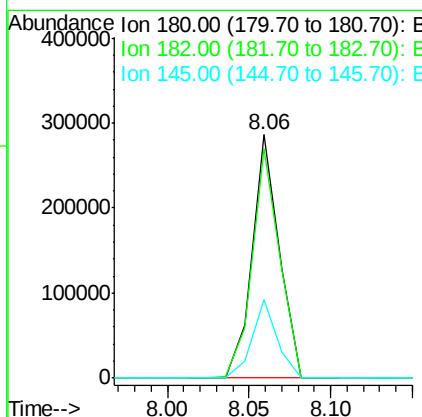
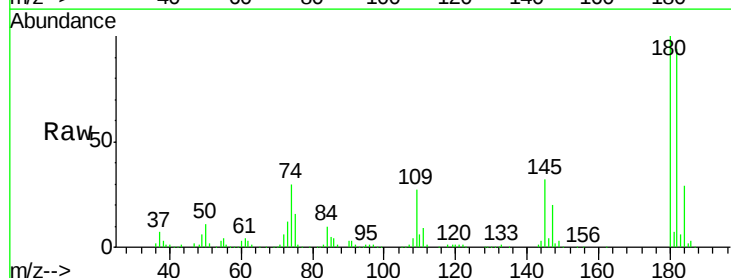
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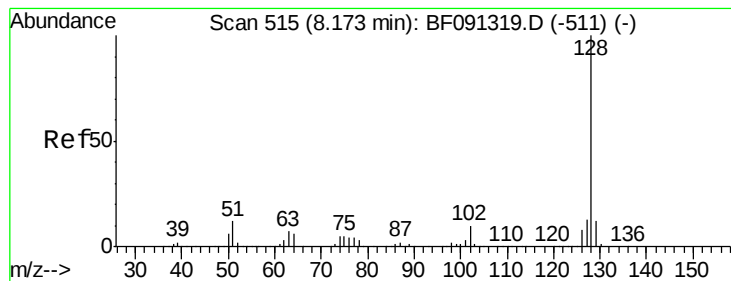
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#30
1,2,4-Trichlorobenzene
Concen: 37.44 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	328371		
182	94.1	75.8	113.8	
145	32.3	27.0	40.4	





#31

Naphthalene

Concen: 41.19 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

ClientSampleId :

TP17-18-COMP4MS

Tot Ion:128 Resp: 1117648

Ion Ratio Lower Upper

128 100

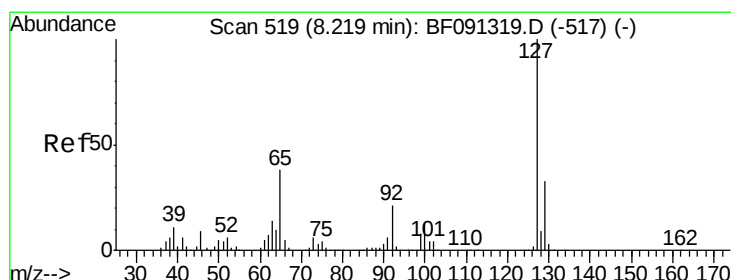
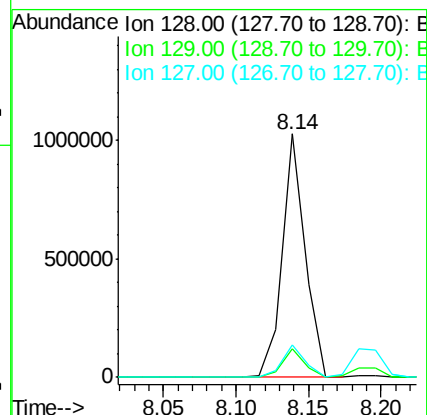
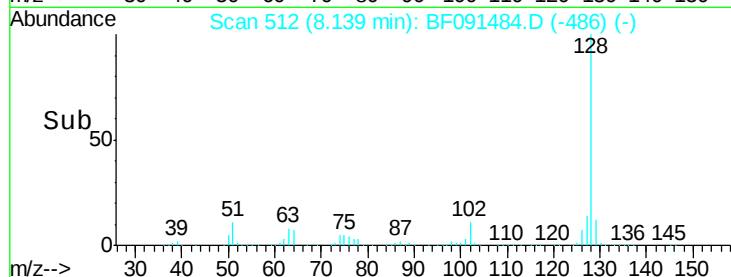
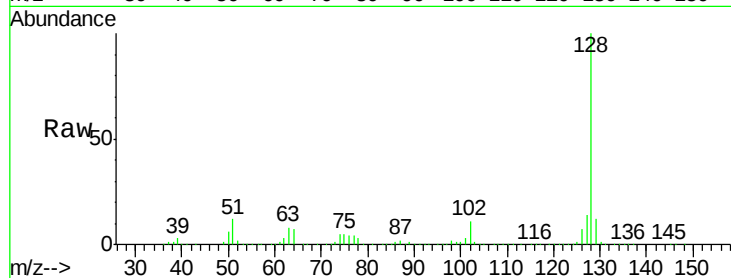
129 11.7 9.1 13.7

127 13.5 11.0 16.4

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#33

4-Chloroaniline

Concen: 15.98 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:127 Resp: 185318

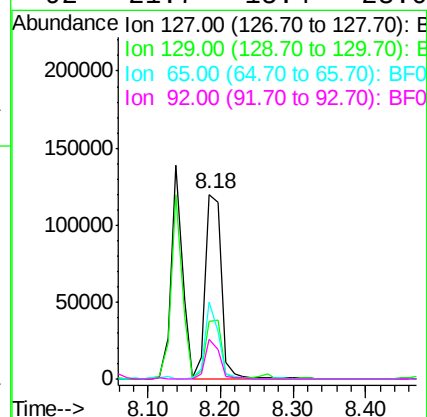
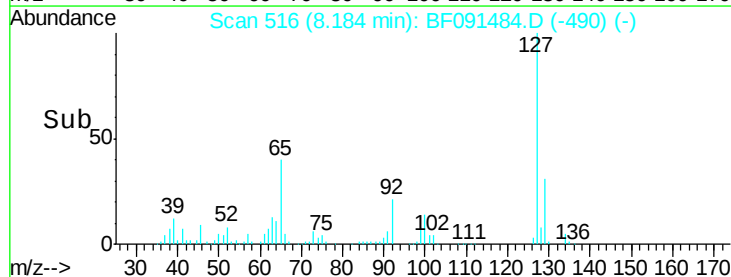
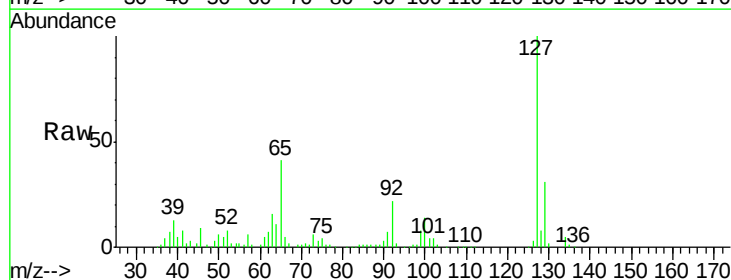
Ion Ratio Lower Upper

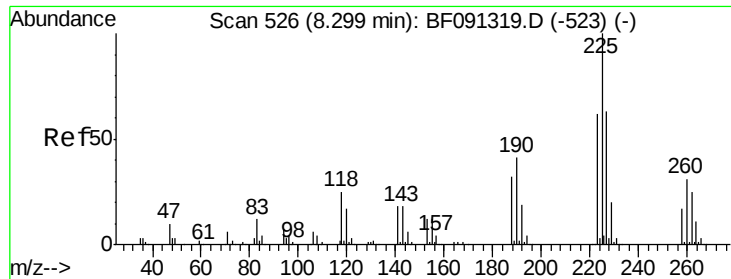
127 100

129 31.2 26.2 39.4

65 41.4 26.6 39.8#

92 21.7 15.4 23.0





#34

Hexachlorobutadiene

Concen: 39.55 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

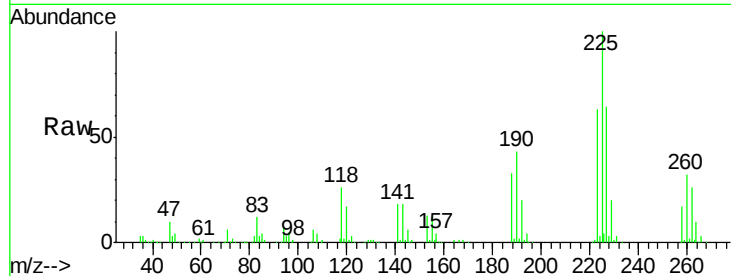
ClientSampleId :

TP17-18-COMP4MS

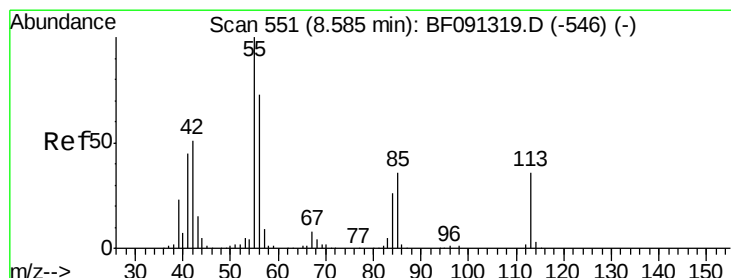
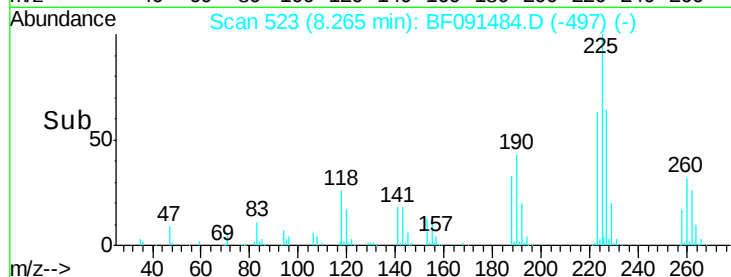
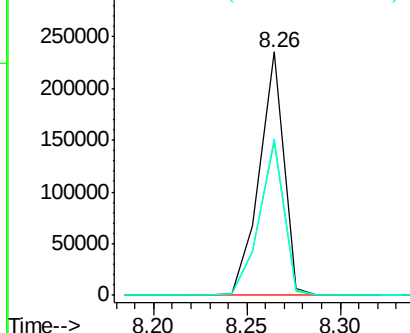
Tot Ion:	225	Resp:	213298
Ion Ratio		Lower	Upper
225	100		
223	63.4	49.8	74.6
227	64.2	52.6	79.0

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



#35

Caprolactam

Concen: 39.11 ng m

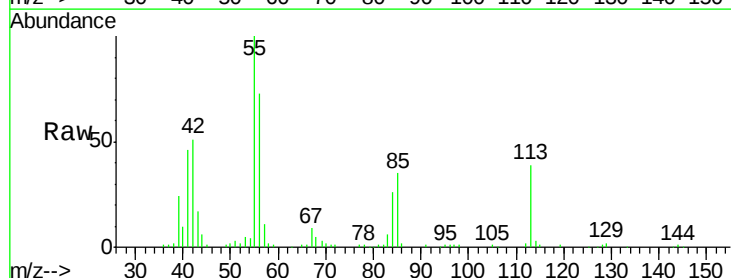
RT: 8.56 min Scan# 549

Delta R.T. -0.00 min

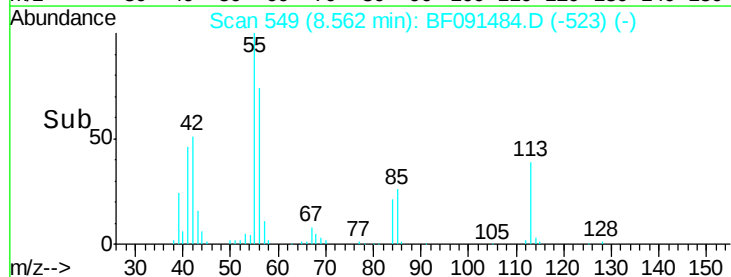
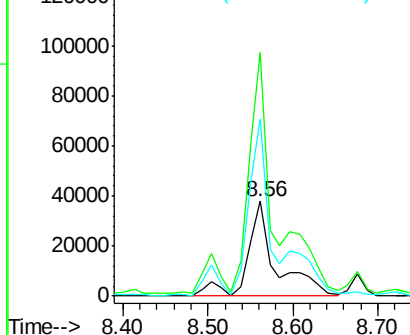
Lab File: BF091484.D

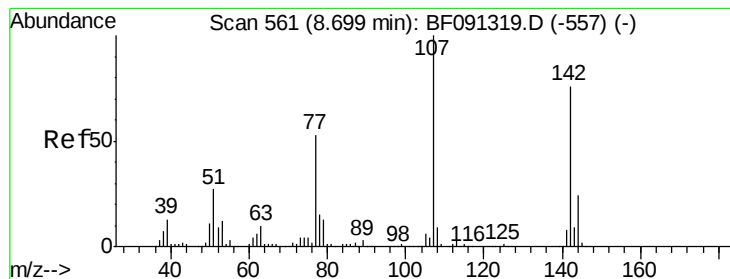
Acq: 7 Dec 2016 22:07

Tgt Ion:	113	Resp:	87944
Ion Ratio		Lower	Upper
113	100		
55	257.4	239.8	279.8
56	187.6	165.6	205.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





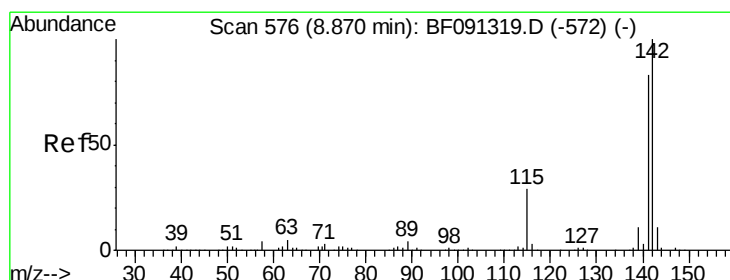
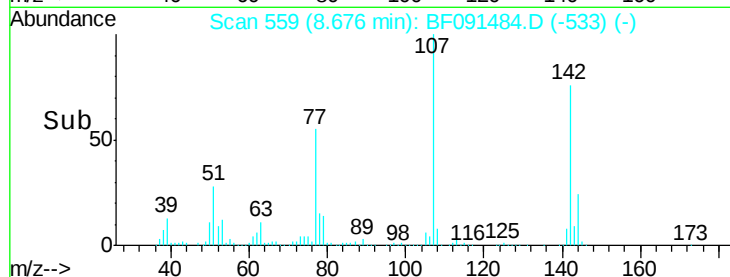
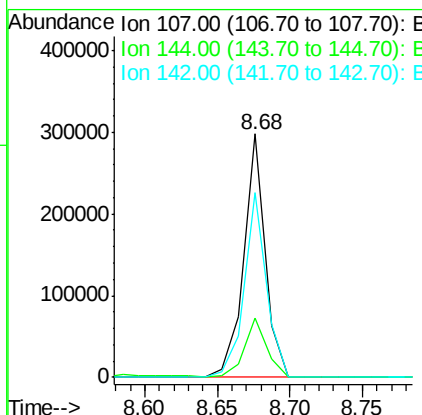
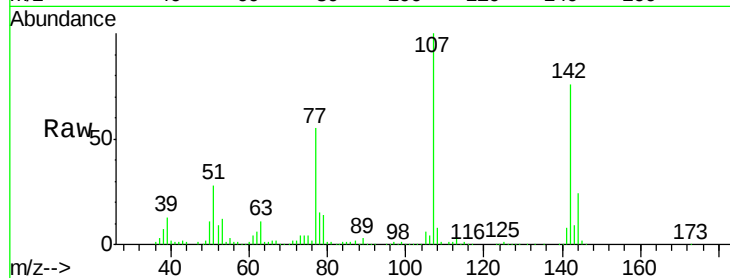
#36
4-Chloro-3-methylphenol
Concen: 36.23 ng
RT: 8.68 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
144	24.4	18.9	28.3
142	75.7	58.5	87.7

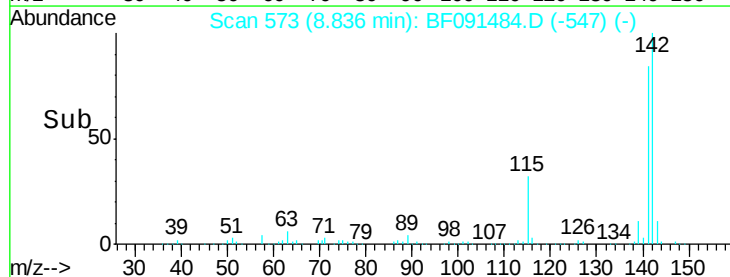
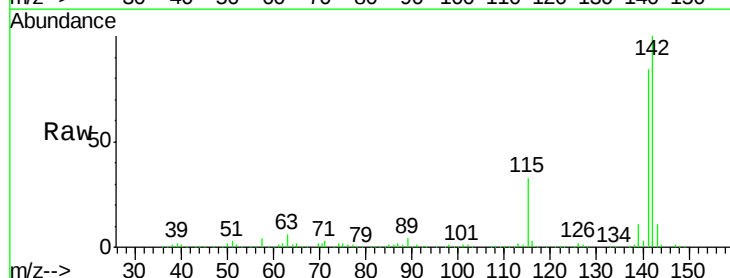
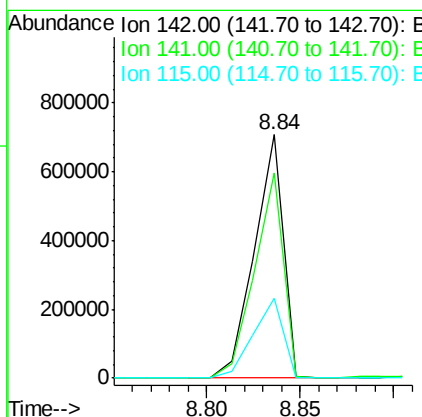
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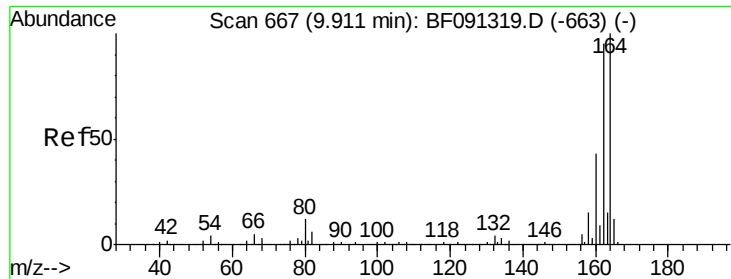
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#37
2-Methylnaphthalene
Concen: 40.99 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	84.0	71.7	107.5
115	32.5	25.0	37.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

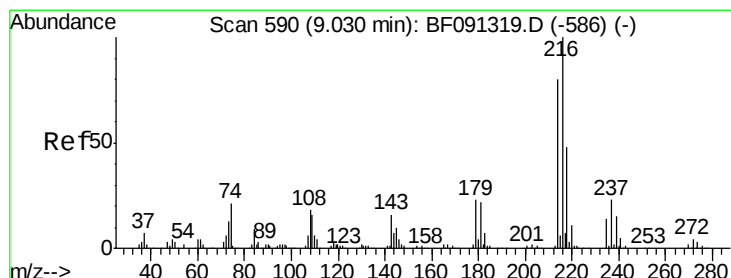
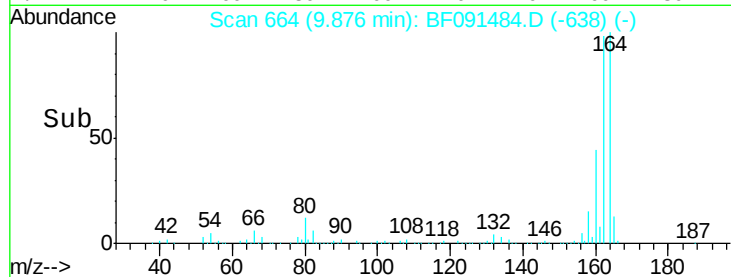
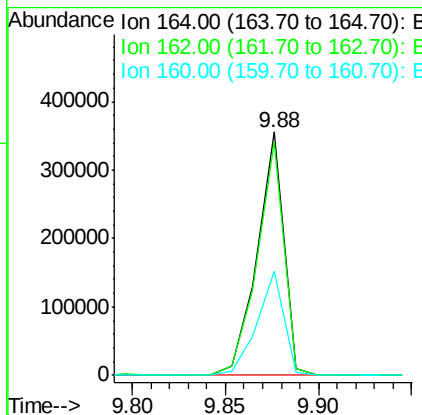
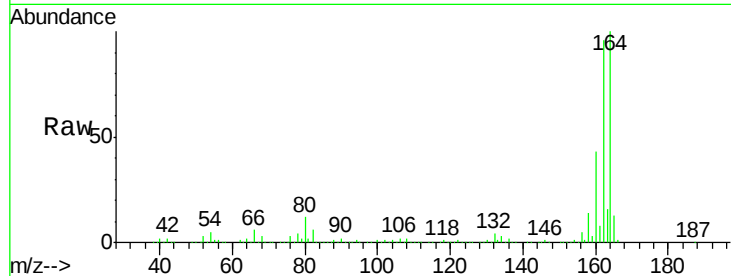
ClientSampleId :

TP17-18-COMP4MS

Tot Ion:	164	Resp:	349821
Ion Ratio	Lower	Upper	
164	100		
162	96.0	82.6	124.0
160	42.6	36.7	55.1

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.71 ng

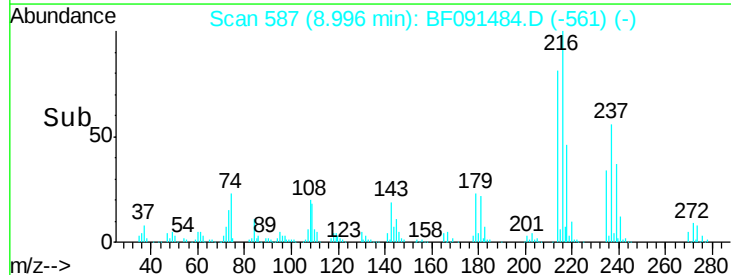
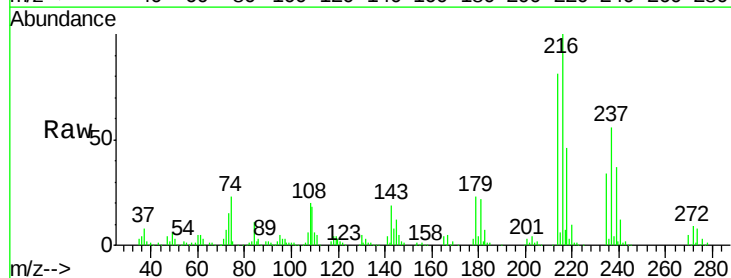
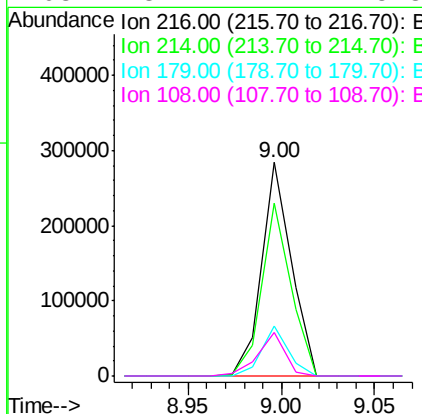
RT: 9.00 min Scan# 587

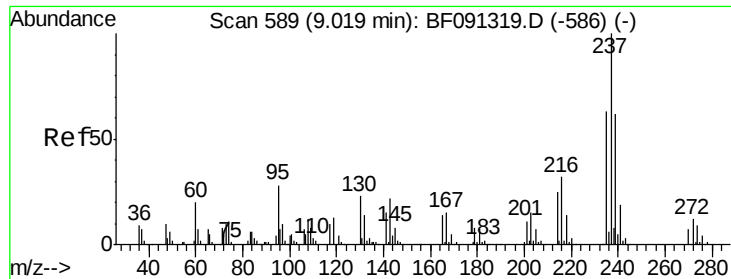
Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:	216	Resp:	312743
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.8
179	21.1	18.2	27.2
108	18.7	17.2	25.8





#40

Hexachlorocyclopentadiene

Concen: 58.86 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

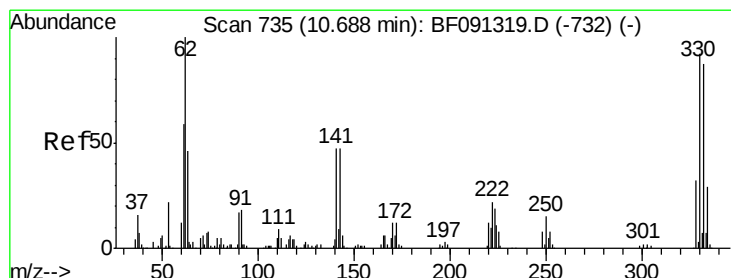
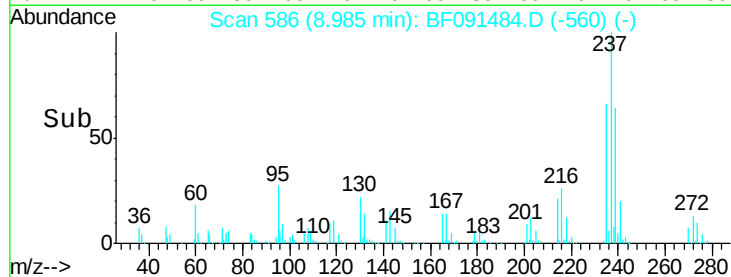
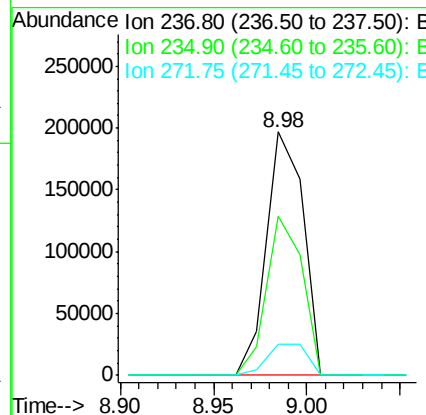
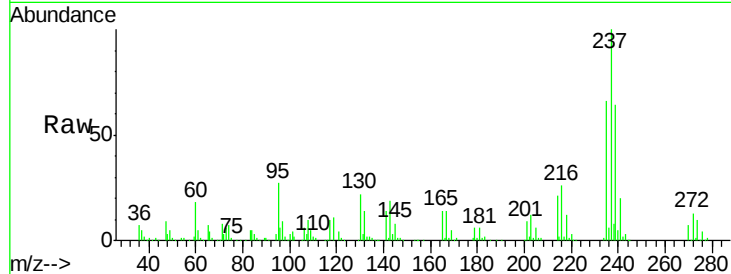
ClientSampleId :

TP17-18-COMP4MS

Tot Ion:	237	Resp:	269068
Ion Ratio	Lower	Upper	
237	100		
235	65.5	43.9	83.9
272	12.7	0.0	33.1

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#41

2,4,6-Tribromophenol

Concen: 113.30 ng

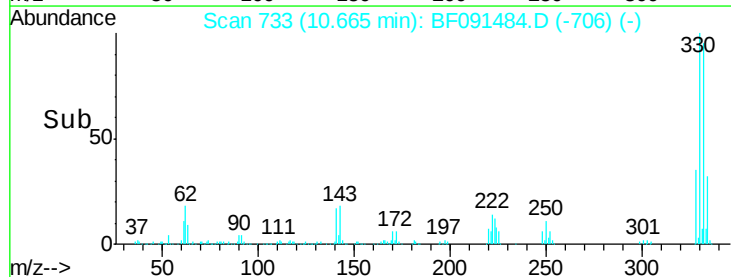
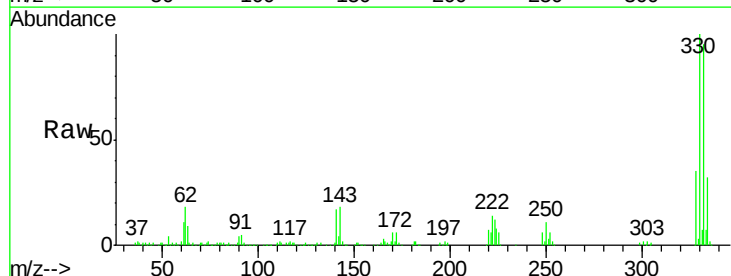
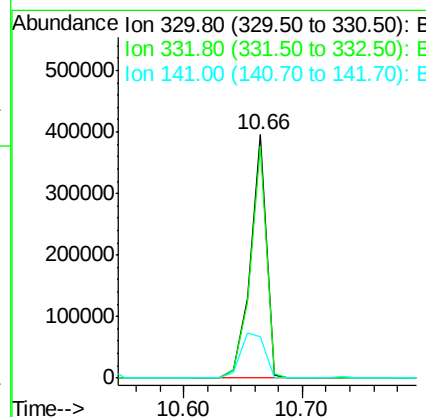
RT: 10.66 min Scan# 733

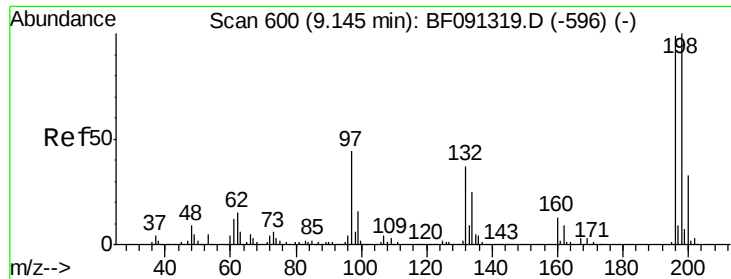
Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:	330	Resp:	375215
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.2	114.4
141	28.0	33.6	50.4#





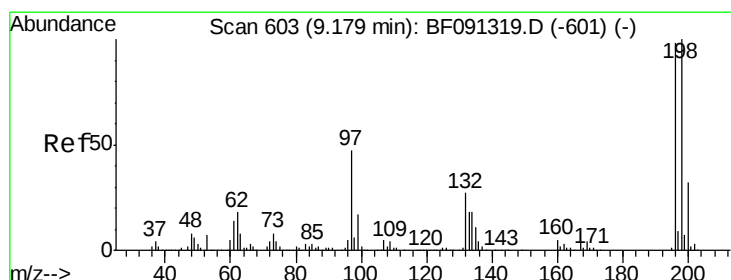
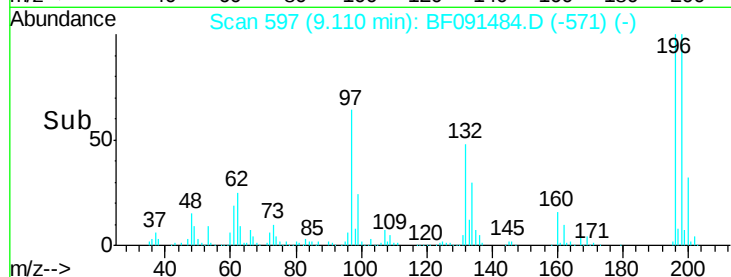
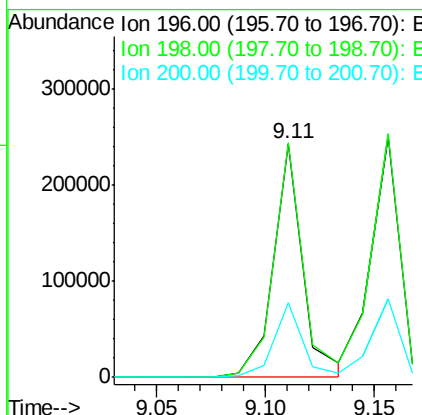
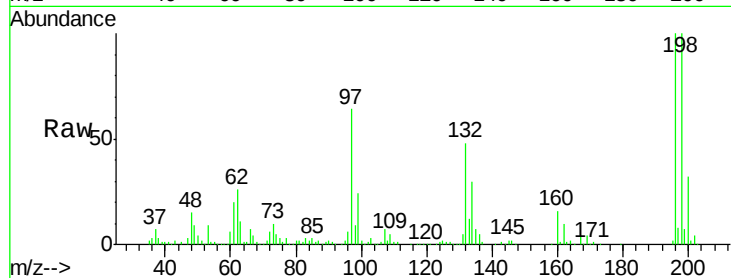
#42
2,4,6-Trichlorophenol
Concen: 35.91 ng
RT: 9.11 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230128		
198	100.4	77.4	116.0	
200	31.8	25.2	37.8	

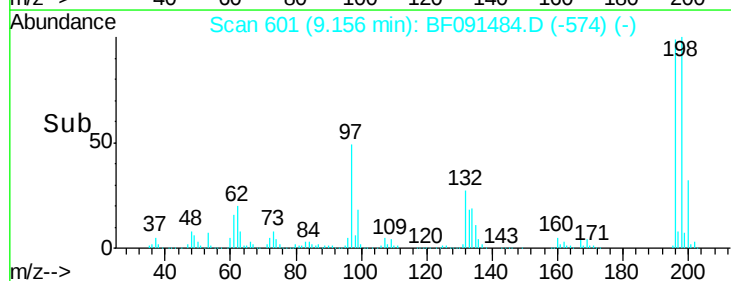
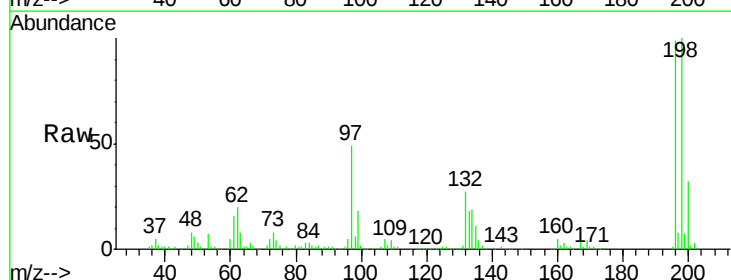
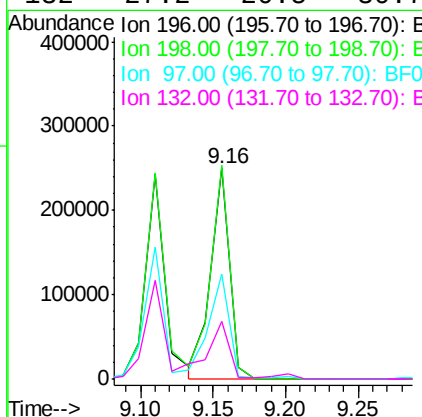
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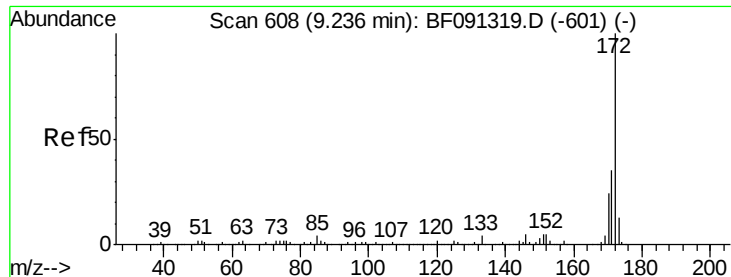
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#43
2,4,5-Trichlorophenol
Concen: 35.49 ng
RT: 9.16 min Scan# 601
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227922		
198	101.2	77.0	115.6	
97	49.8	33.5	50.3	
132	27.2	20.5	30.7	





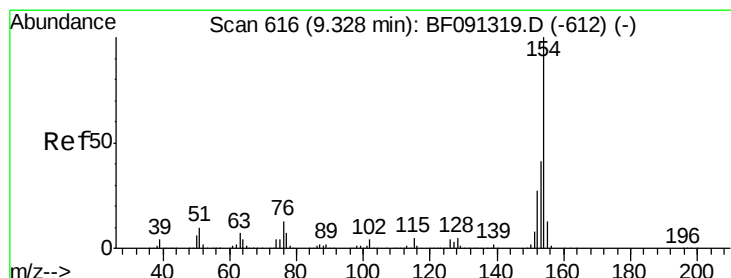
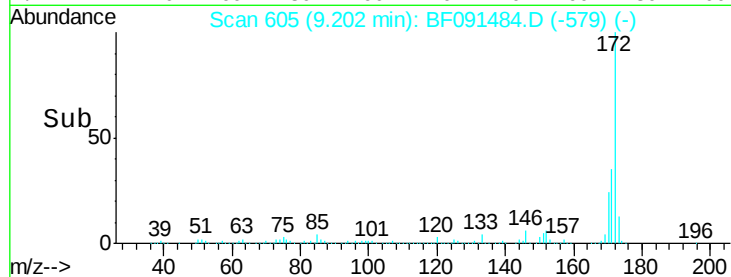
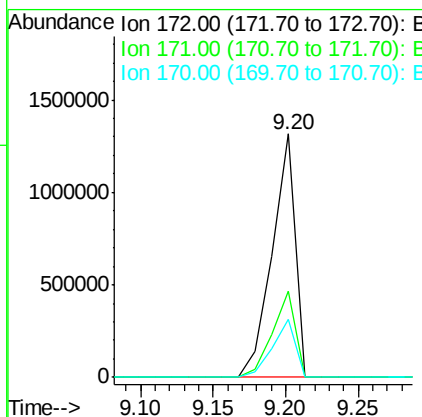
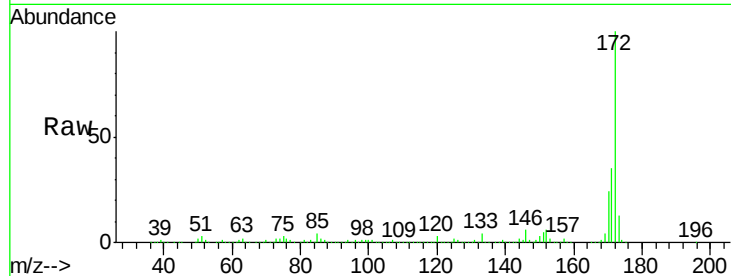
#44
2-Fluorobiphenyl
Concen: 75.23 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion:172 Resp: 1453402
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.7 19.7 29.5

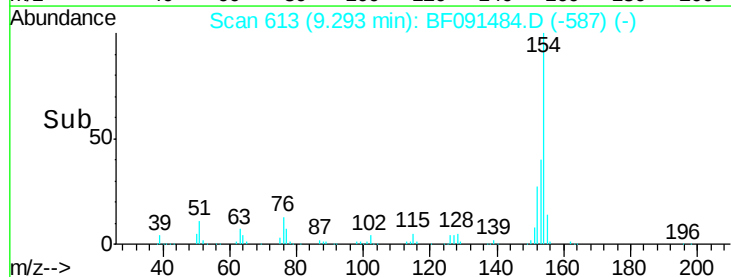
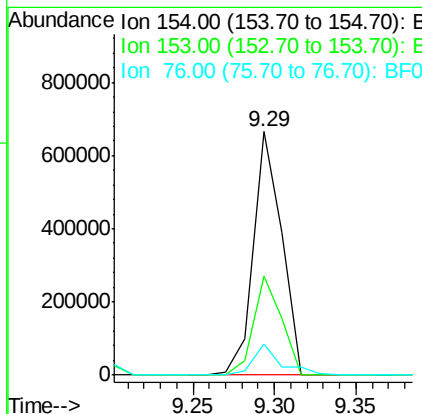
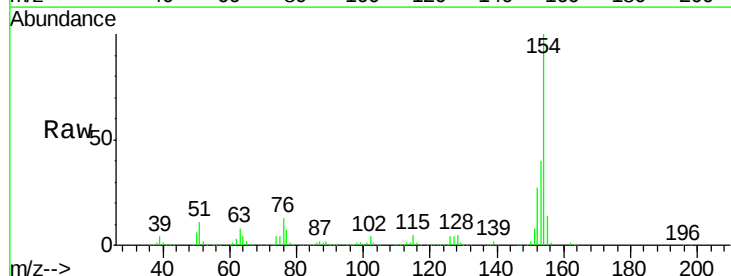
Manual Integrations
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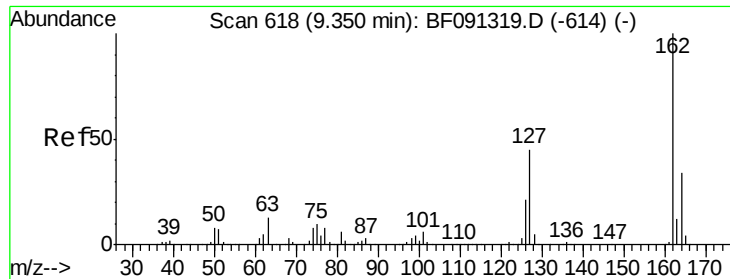
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#45
1,1'-Biphenyl
Concen: 31.73 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion:154 Resp: 798046
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 12.9 0.0 36.6





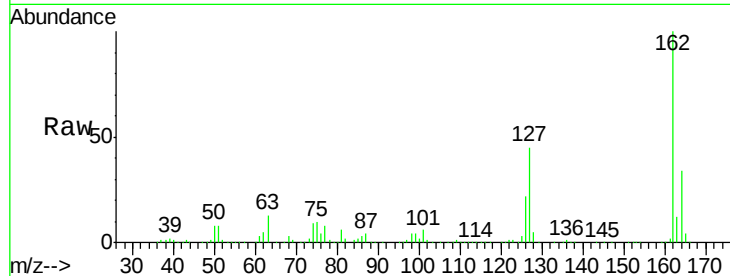
#46
2-Chloronaphthalene
Concen: 31.95 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

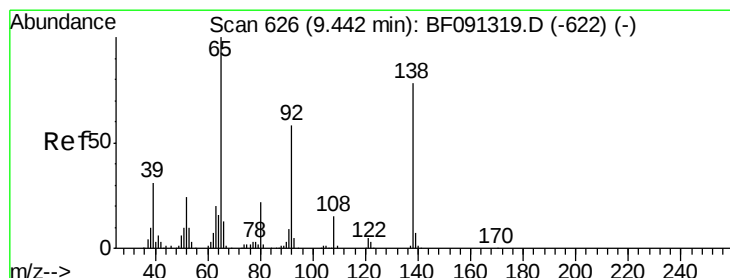
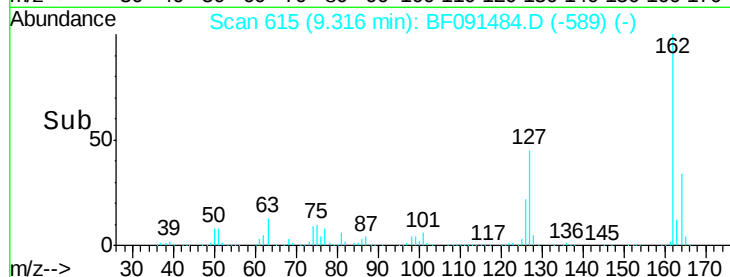
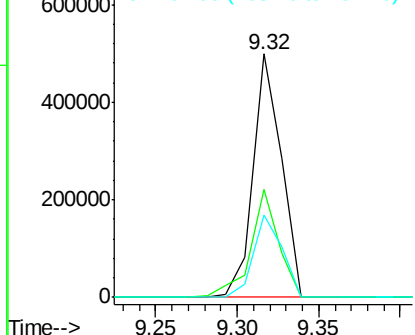
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.5	34.3	51.5
164	33.9	26.6	40.0

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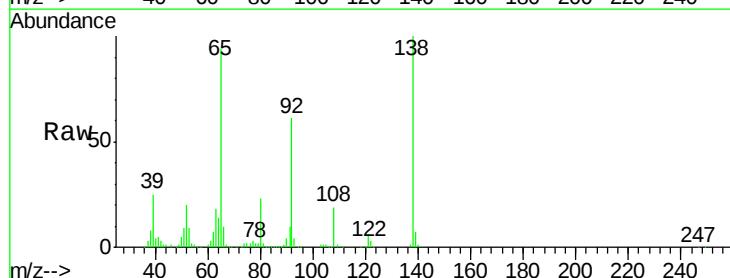


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

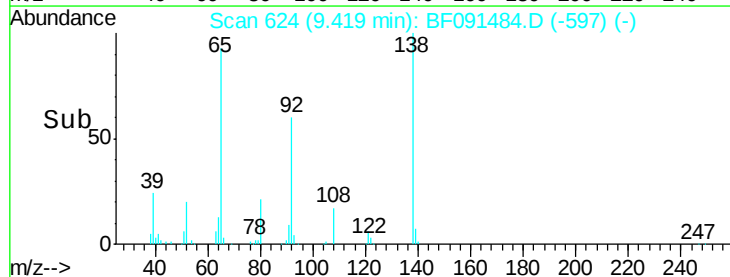
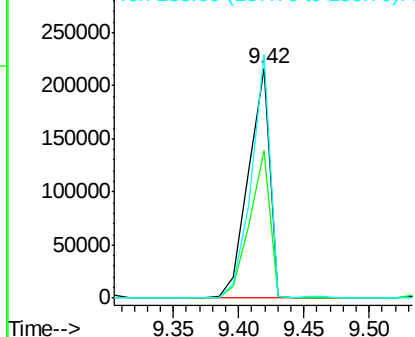


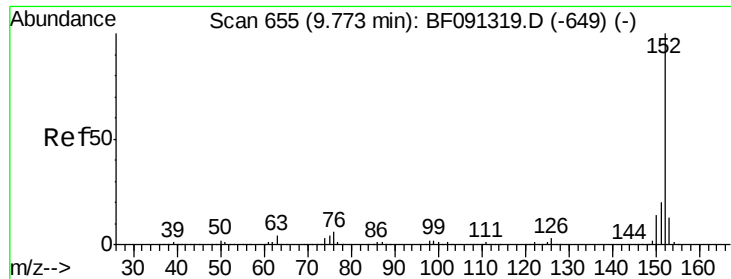
#47
2-Nitroaniline
Concen: 36.65 ng
RT: 9.42 min Scan# 624
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	53.6	80.4
138	106.3	91.0	136.6



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





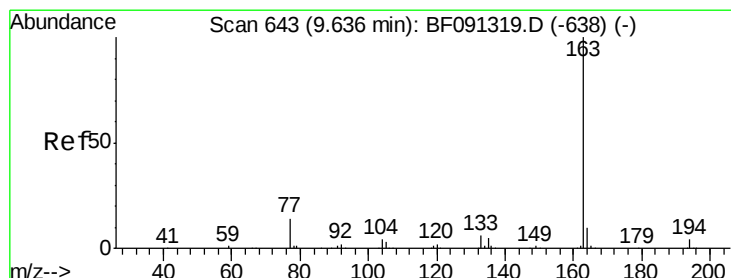
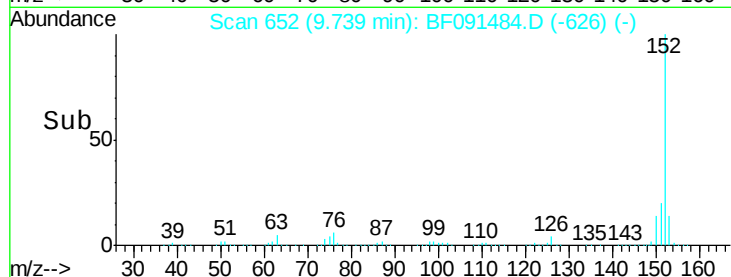
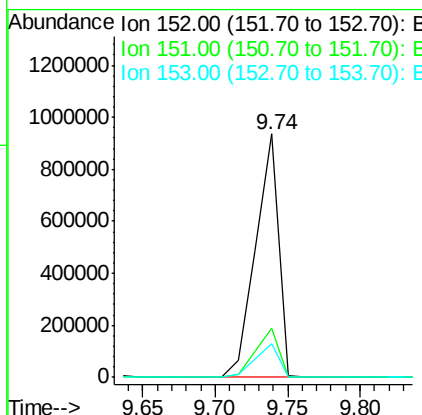
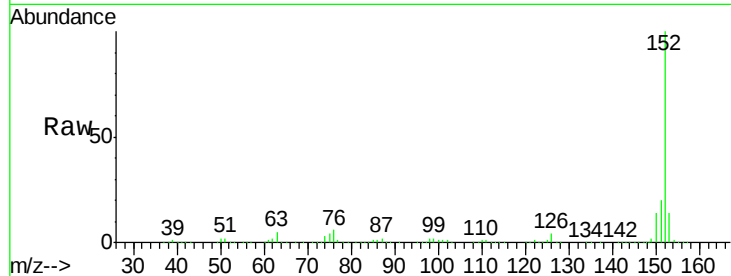
#48
Acenaphthylene
Concen: 34.91 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.3	16.6	24.8	
153	13.7	10.7	16.1	

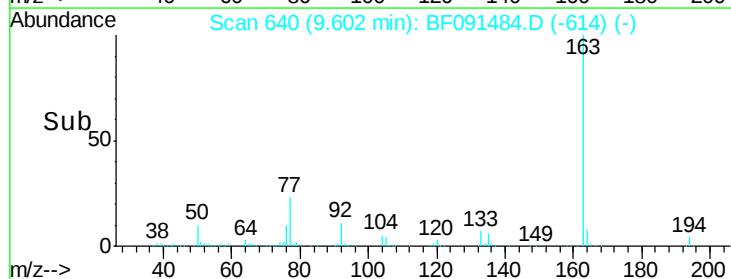
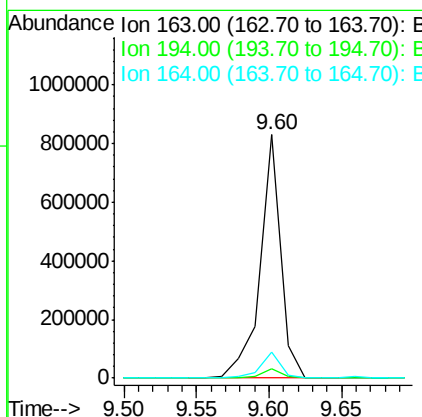
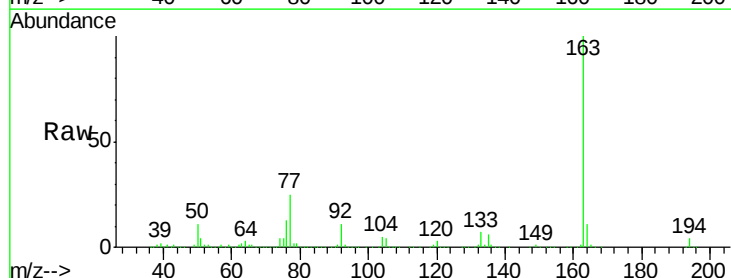
Manual Integrations
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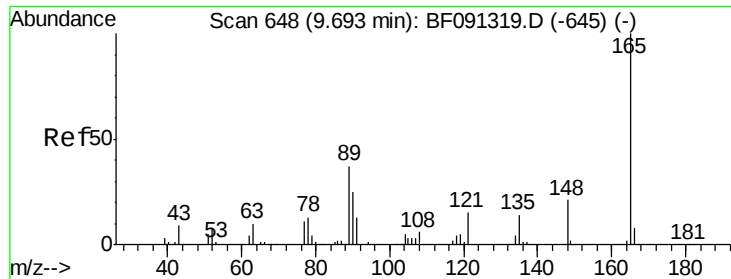
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#49
Dimethylphthalate
Concen: 38.57 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.6	3.0	4.4	
164	10.9	7.8	11.8	





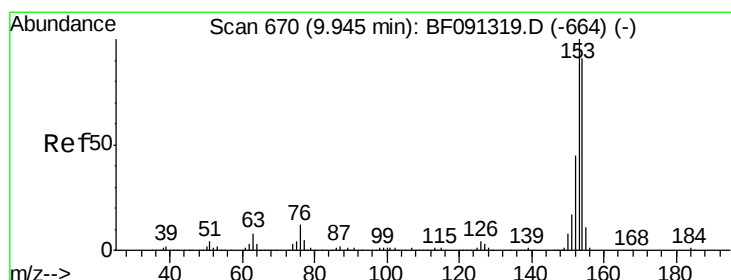
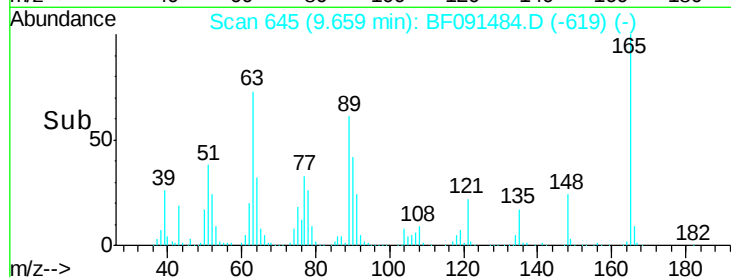
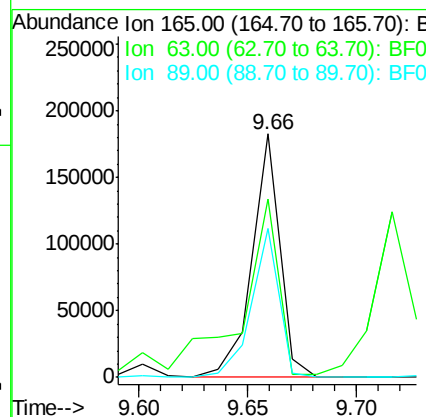
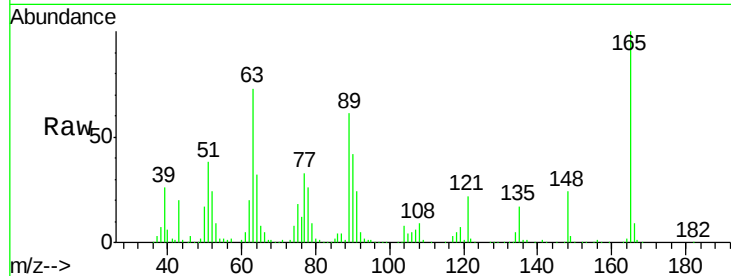
#50
2,6-Dinitrotoluene
Concen: 34.31 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion:	165	Resp:	162446
Ion Ratio	Lower	Upper	
165	100		
63	73.3	59.4	89.0
89	61.4	50.8	76.2

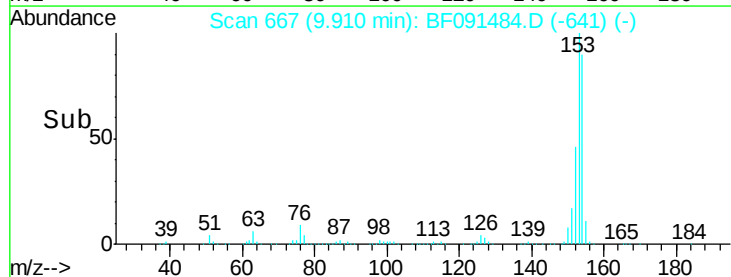
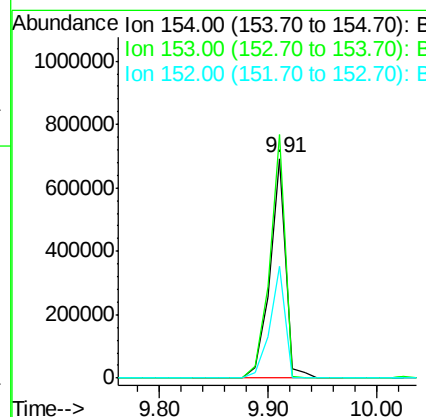
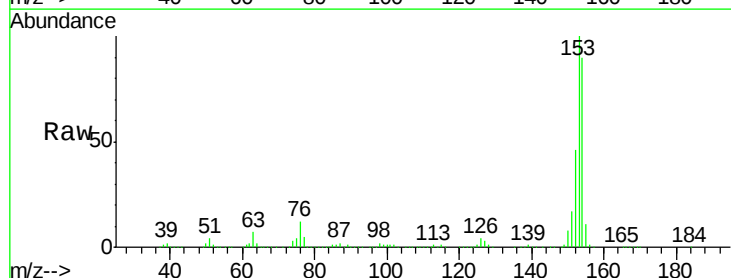
Manual Integrations
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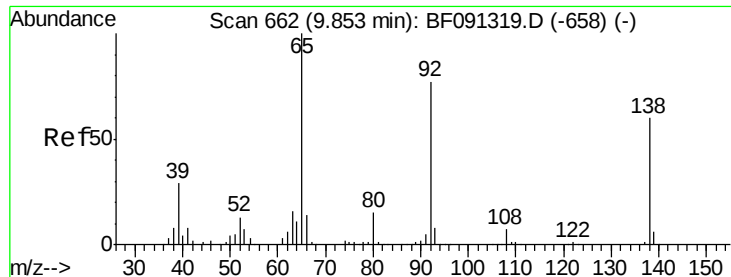
sohil
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#51
Acenaphthene
Concen: 35.79 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion:	154	Resp:	711912
Ion Ratio	Lower	Upper	
154	100		
153	110.8	91.0	136.6
152	50.8	44.2	66.2





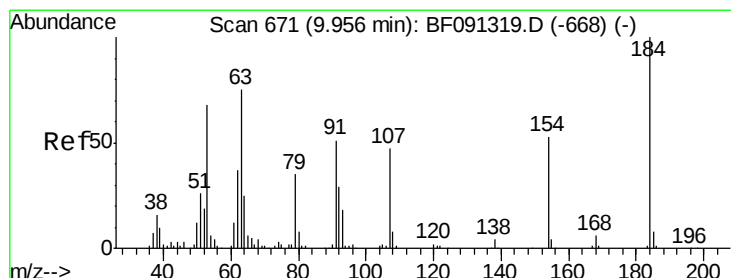
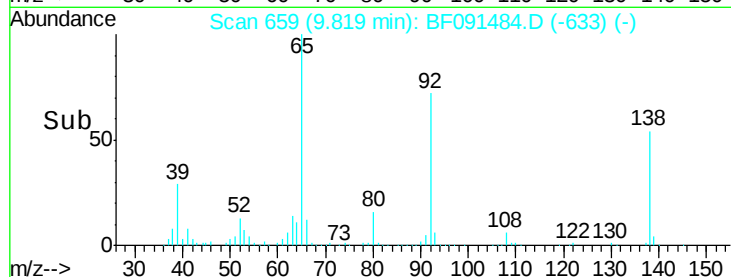
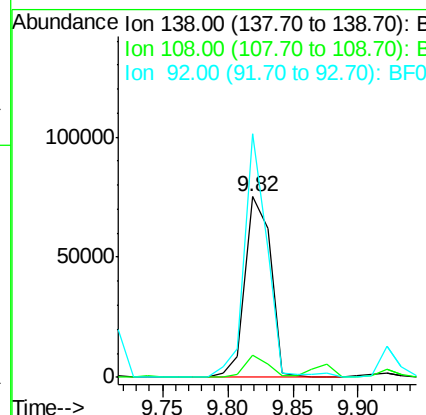
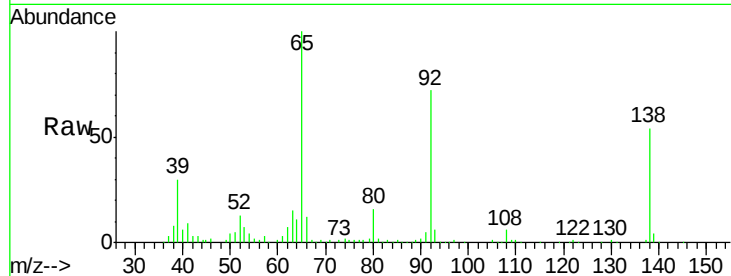
#52
3-Nitroaniline
Concen: 18.95 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.1	12.1
92	134.6	92.5	138.7

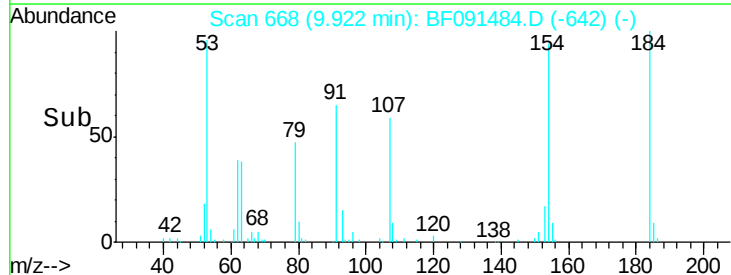
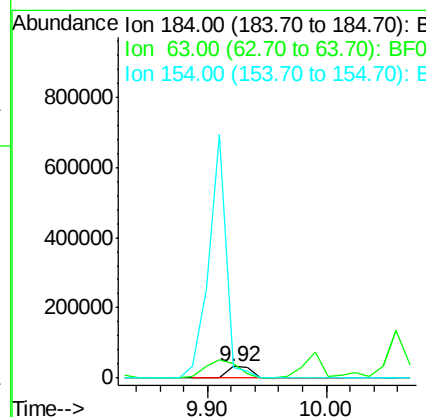
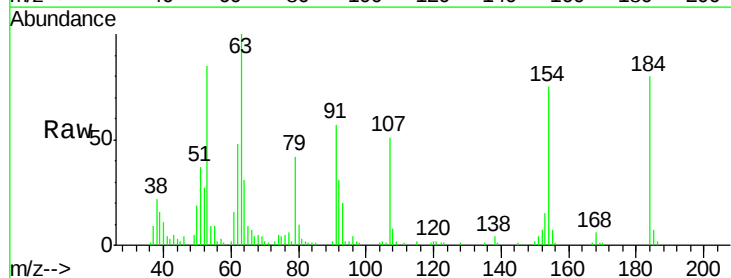
Manual Integrations
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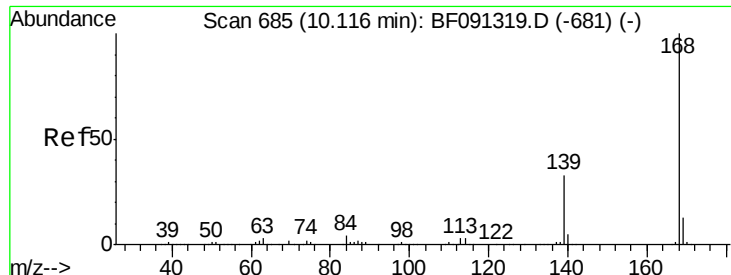
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#53
2,4-Dinitrophenol
Concen: 22.46 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	124.9	58.3	87.5#
154	94.0	48.6	73.0#





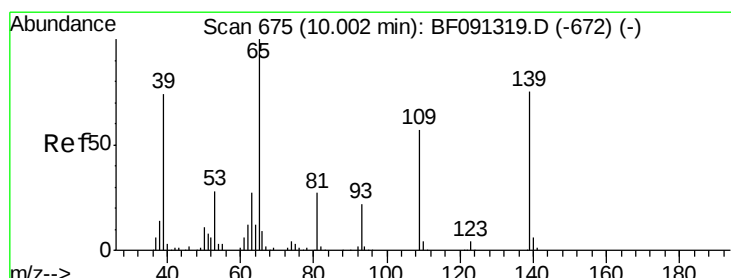
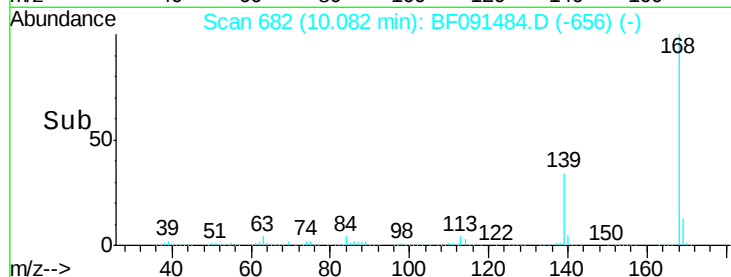
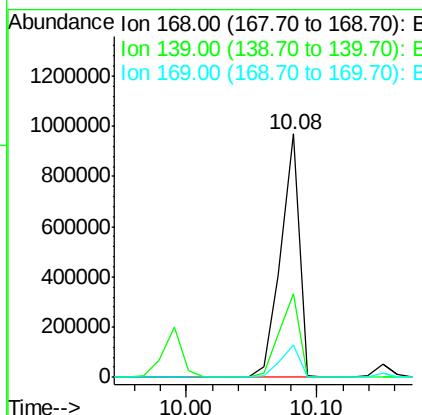
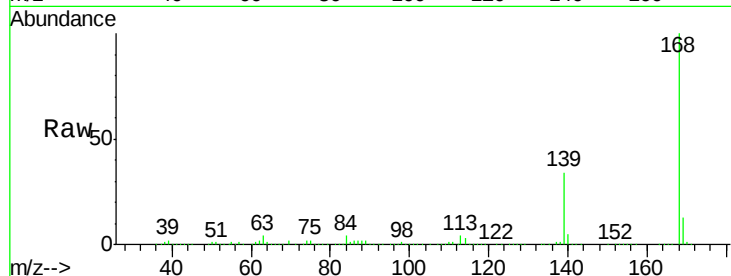
#54
Dibenzenofuran
Concen: 36.67 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.5	33.4	50.2
169	13.2	11.1	16.7

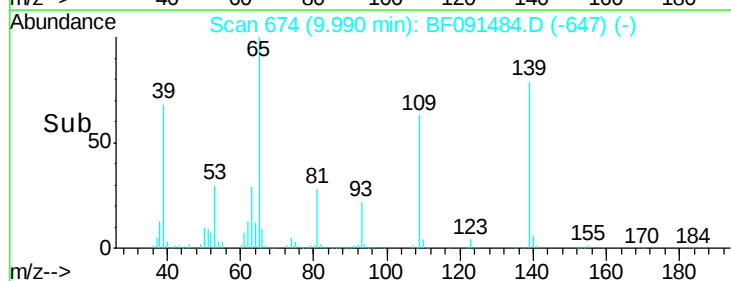
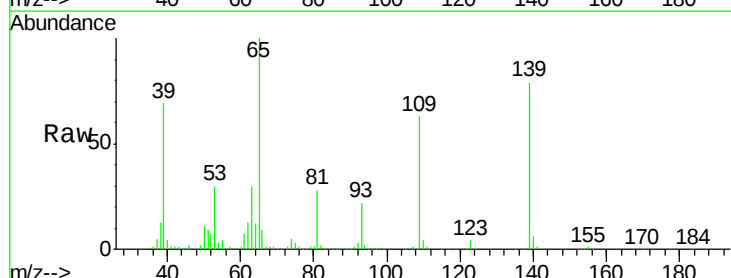
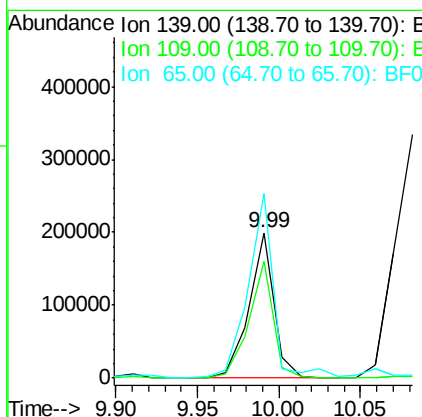
Manual Integrations
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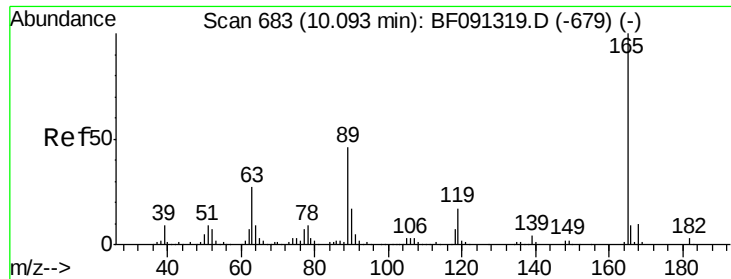
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#55
4-Nitrophenol
Concen: 53.28 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.7	54.9	94.9
65	127.4	102.2	142.2





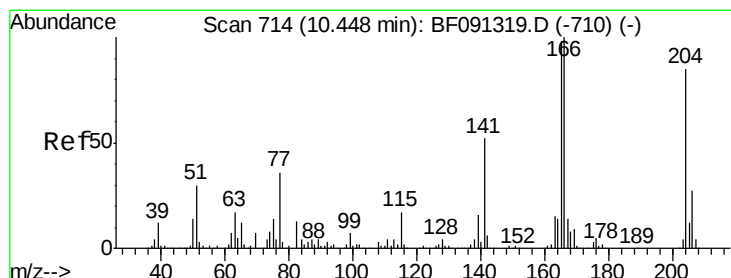
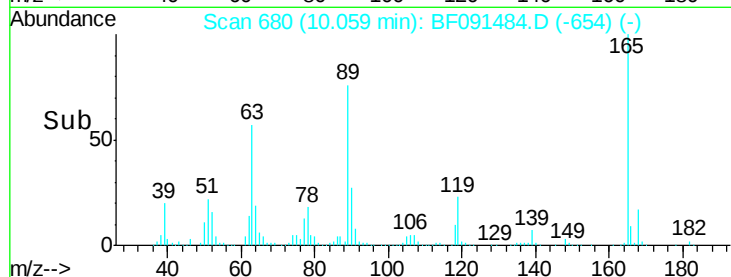
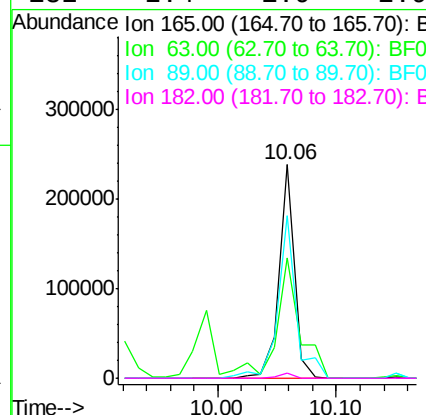
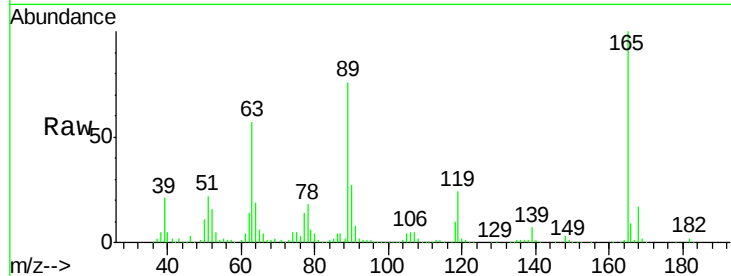
#56
2,4-Dinitrotoluene
Concen: 35.03 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	56.6	29.0	43.4#
89	76.3	43.1	64.7#
182	2.4	1.9	2.9

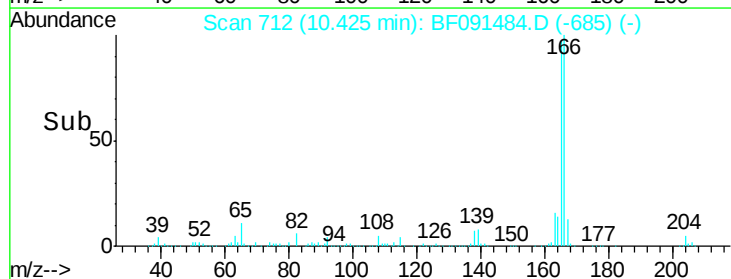
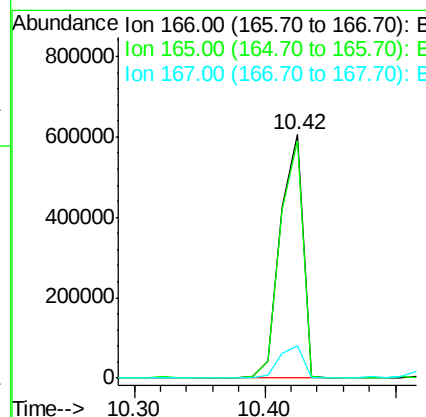
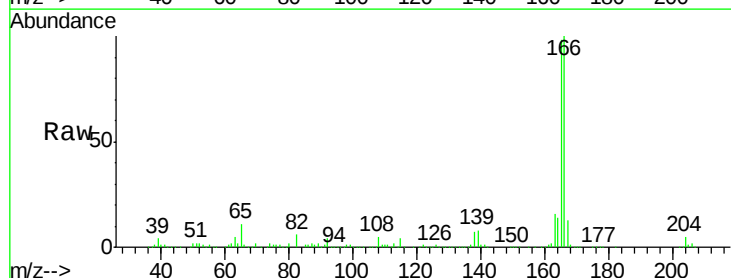
Manual Integrations
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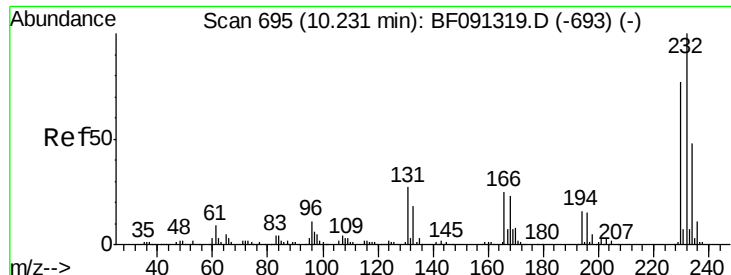
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#57
Fluorene
Concen: 36.22 ng
RT: 10.42 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.5	80.0	120.0
167	13.3	10.8	16.2





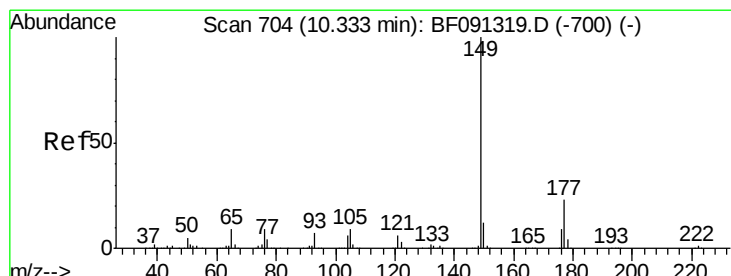
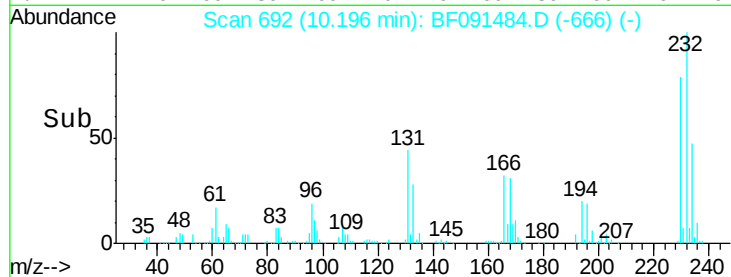
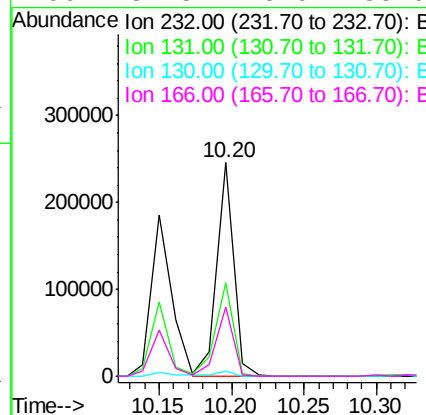
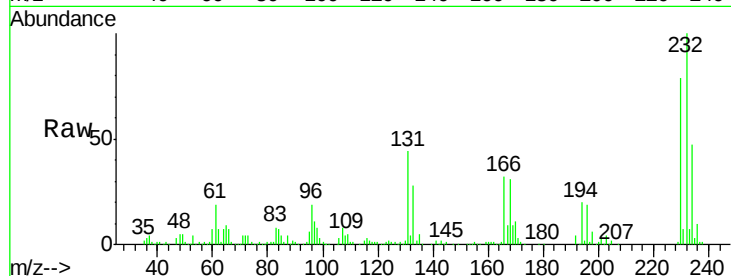
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.29 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	38.4	57.6
130	2.9	1.8	2.8#
166	32.8	23.9	35.9

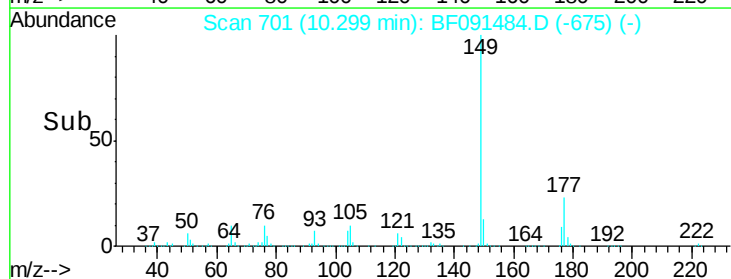
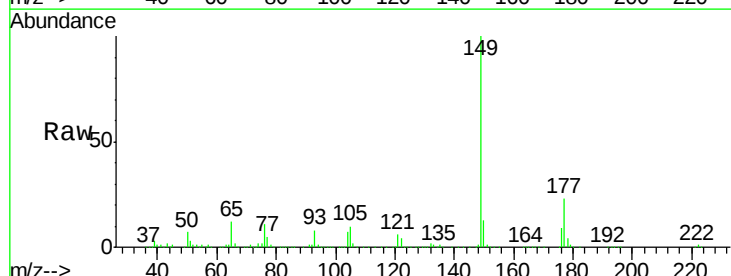
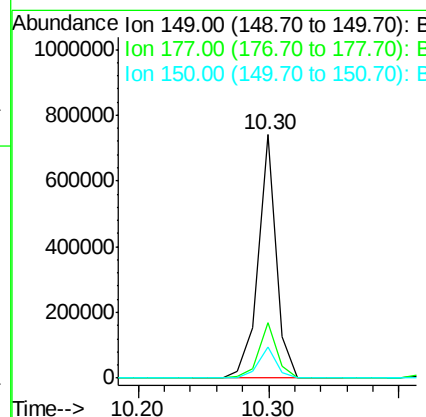
Manual Integrations
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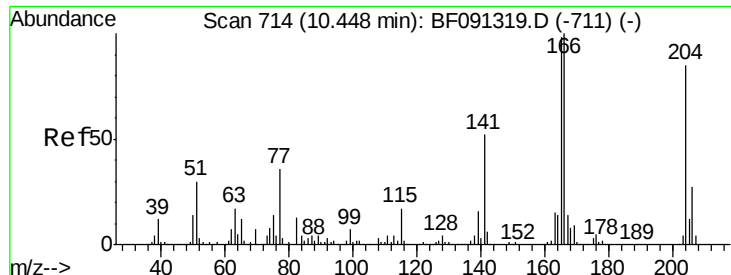
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#59
 Diethylphthalate
 Concen: 34.13 ng
 RT: 10.30 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	15.7	23.5
150	12.6	10.2	15.2





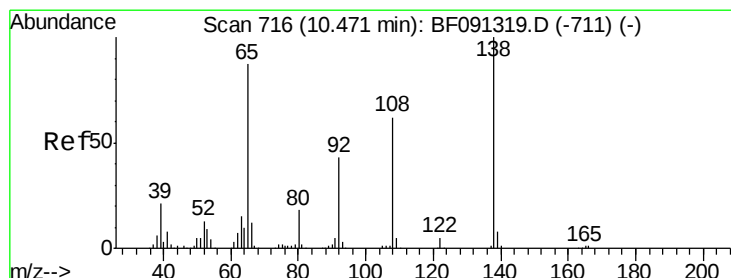
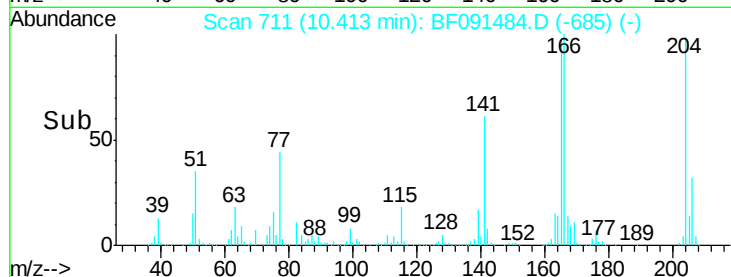
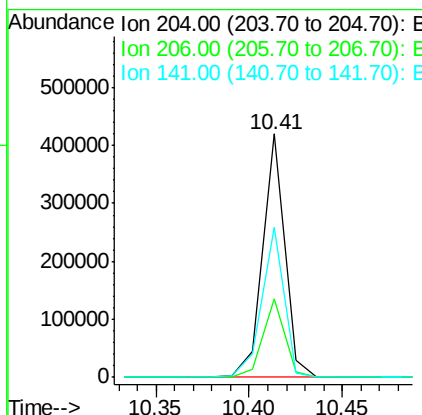
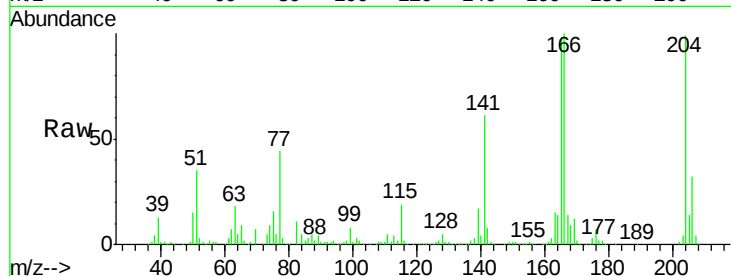
#60
 4-Chlorophenyl-phenylether
 Concen: 33.16 ng
 RT: 10.41 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.1	39.1
141	61.7	40.6	61.0

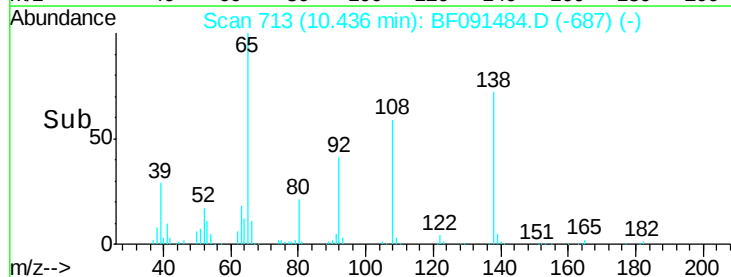
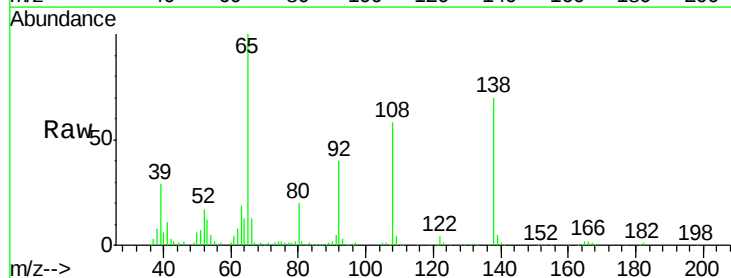
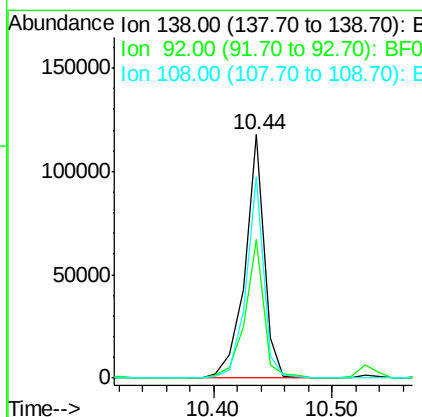
Manual Integrations
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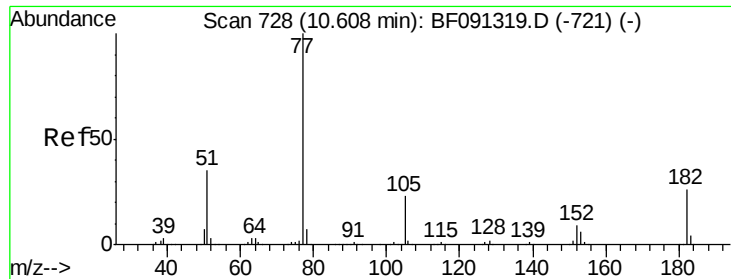
sohil
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#61
 4-Nitroaniline
 Concen: 26.11 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	26.9	66.9
108	82.5	49.1	89.1





#62

Azobenzene

Concen: 36.25 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

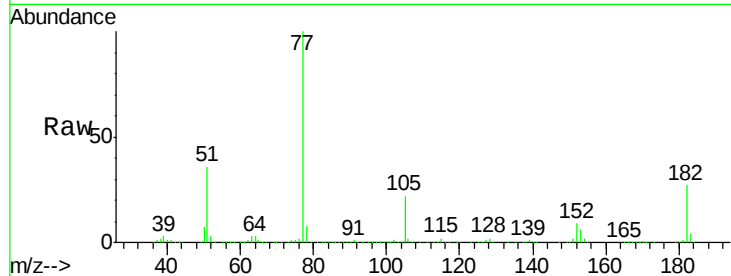
ClientSampleId :

TP17-18-COMP4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		773412		
182	27.3	12.5	52.5		
105	21.9	3.7	43.7		
51	35.6	11.9	51.9		

Manual Integrations
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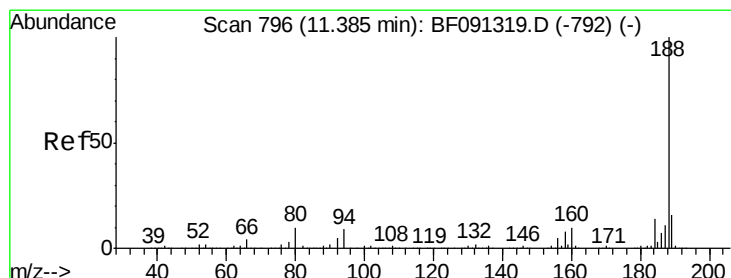
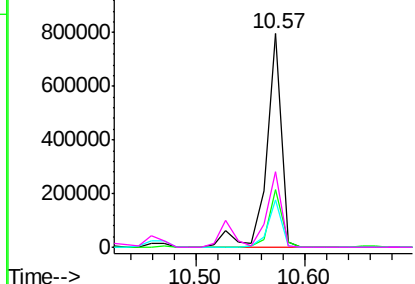
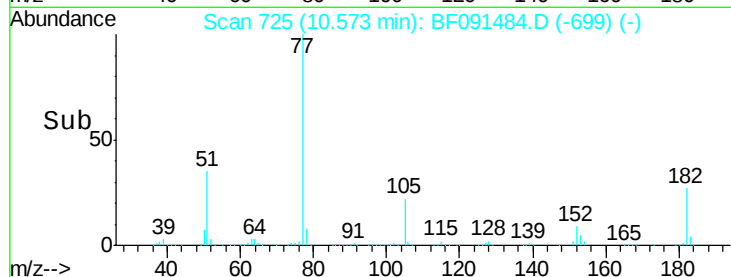


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

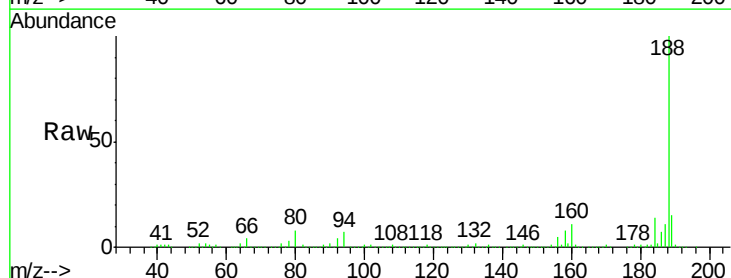
RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

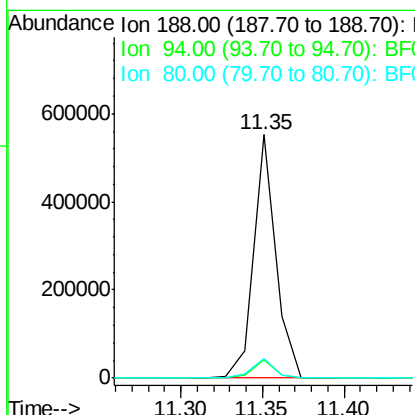
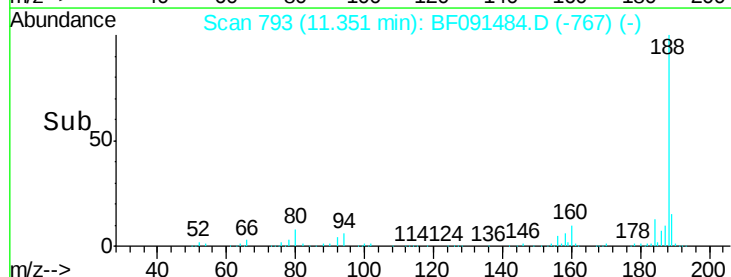
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		520730		
94	7.5	9.2	13.8#		
80	8.2	10.5	15.7#		

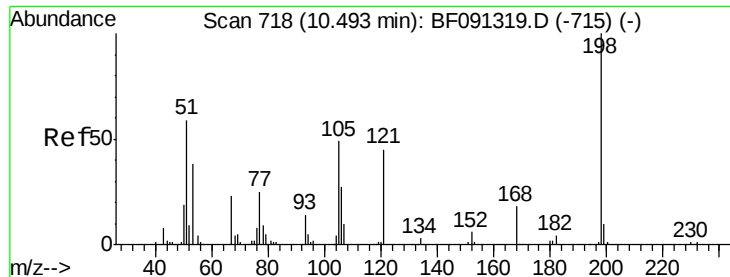


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





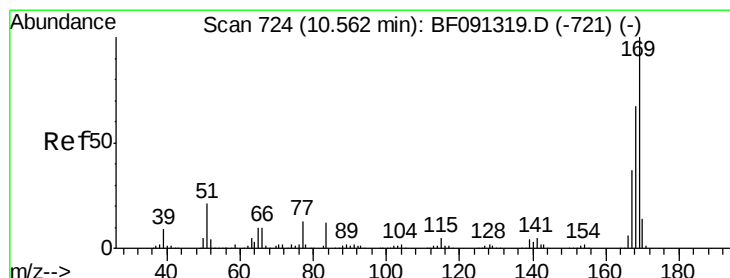
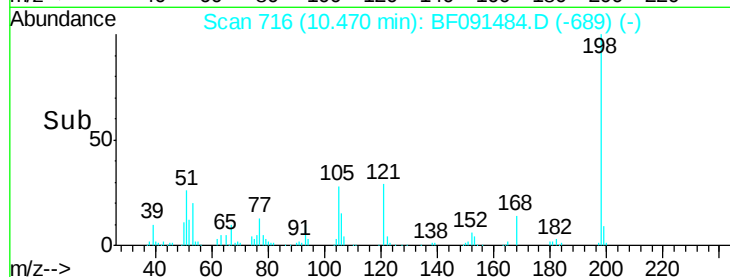
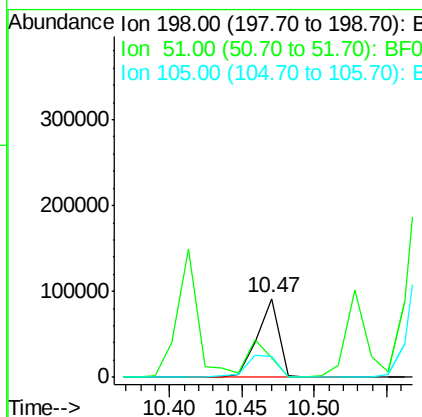
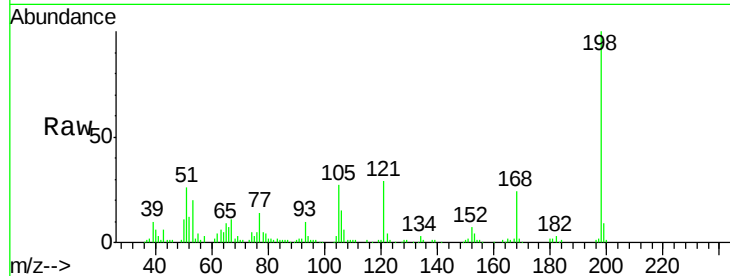
#64
4,6-Dinitro-2-methylphenol
Concen: 33.24 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	25.6	77.1	117.1#
105	27.2	44.8	84.8#

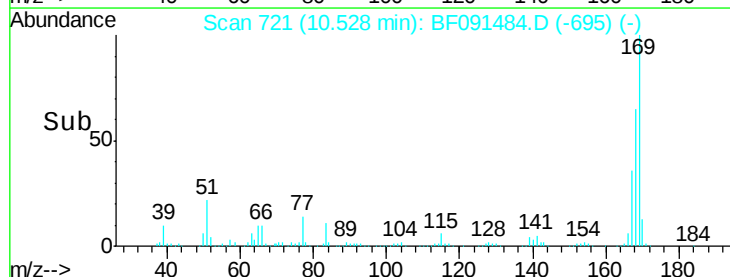
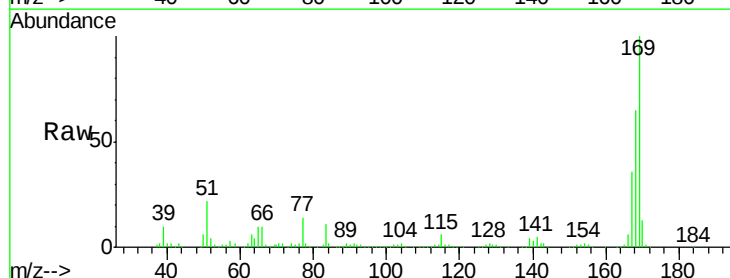
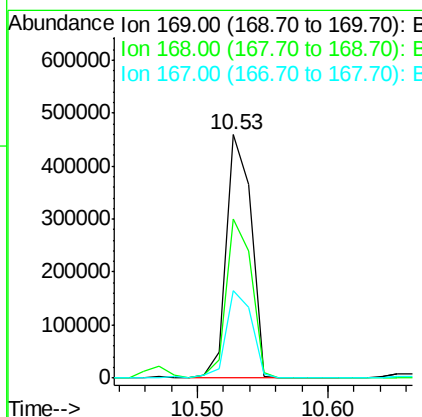
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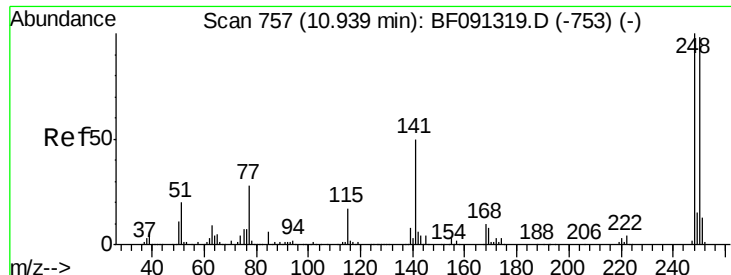
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#65
n-Nitrosodiphenylamine
Concen: 38.54 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.8	80.8
167	36.0	29.8	44.8





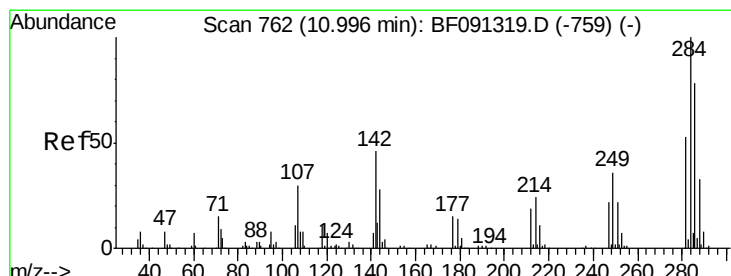
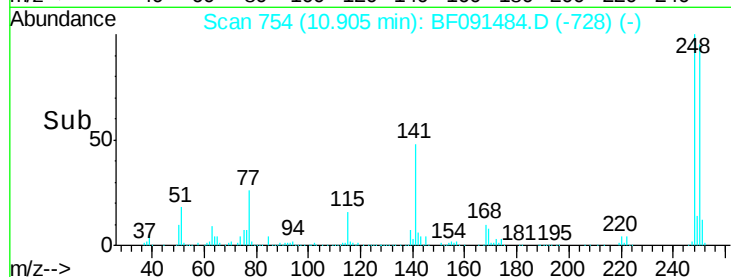
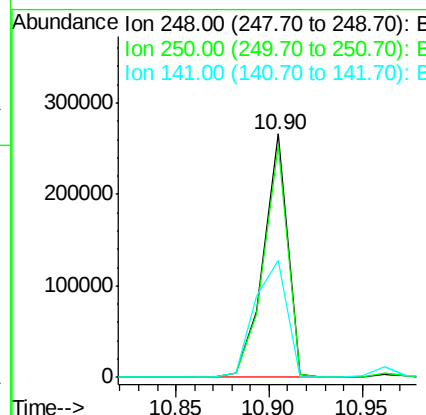
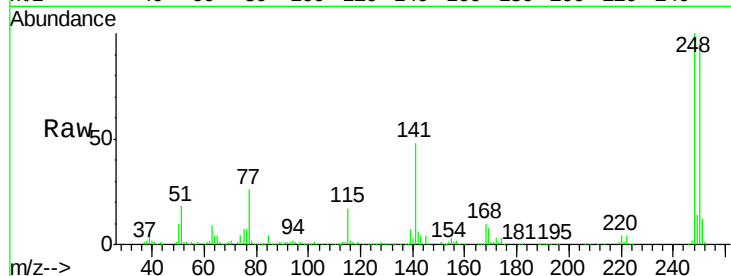
#66
4-Bromophenyl-phenylether
Concen: 42.30 ng
RT: 10.90 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.2	117.4
141	48.1	71.9	107.9#

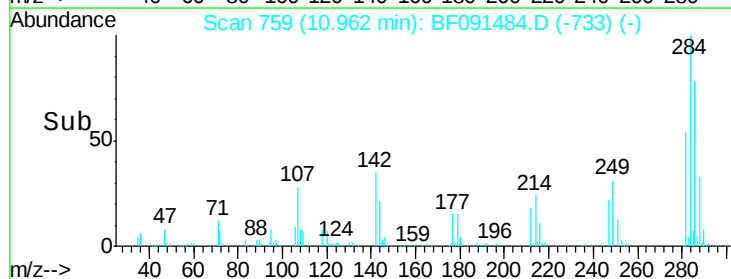
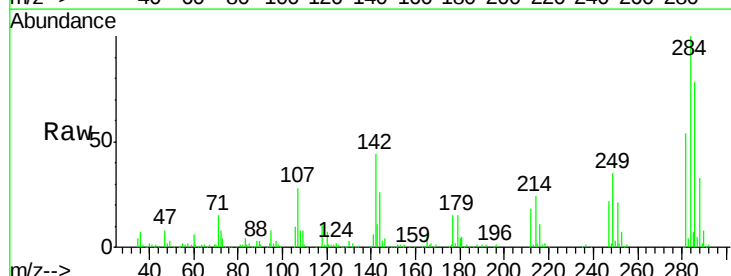
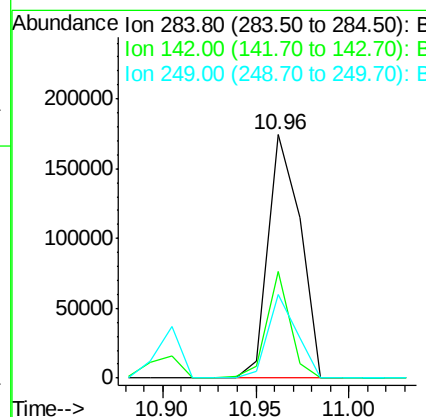
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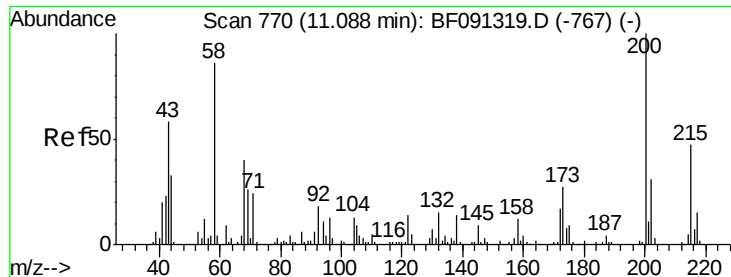
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#67
Hexachlorobenzene
Concen: 34.26 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.7	17.9	26.9#
249	34.5	23.6	35.4





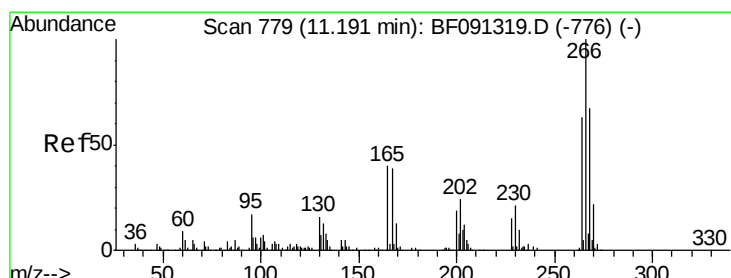
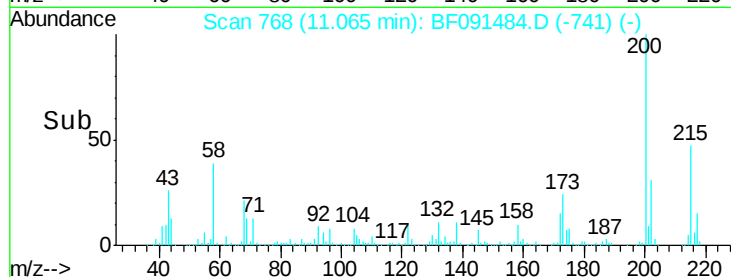
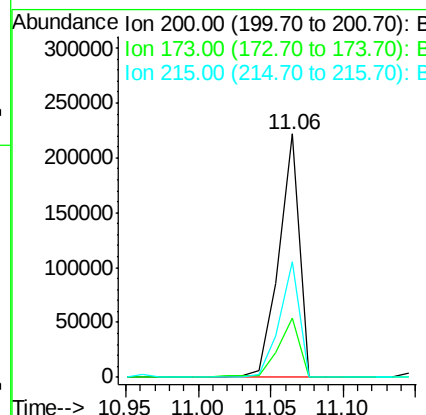
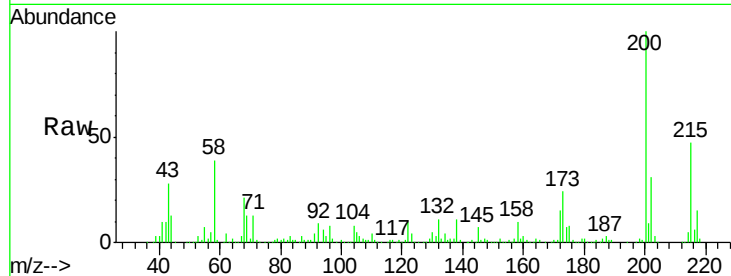
#68
Atrazine
Concen: 42.35 ng
RT: 11.06 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	216529		
173	24.3	7.8	47.8	
215	47.3	24.3	64.3	

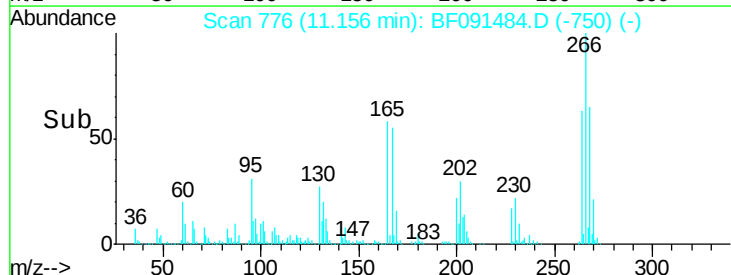
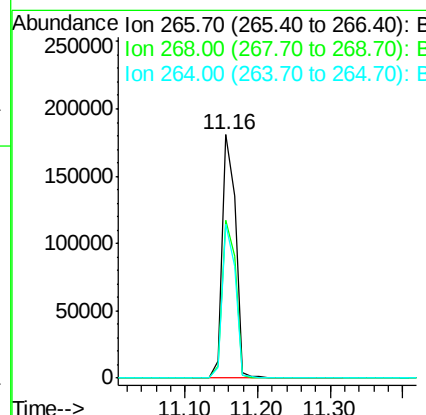
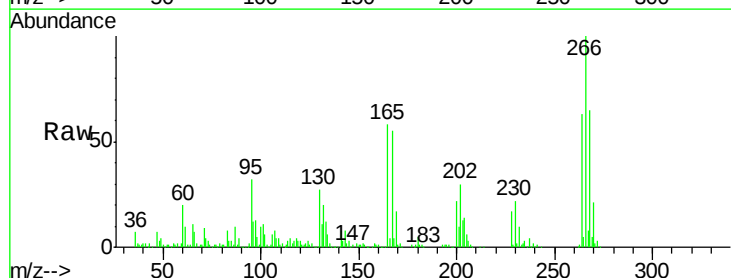
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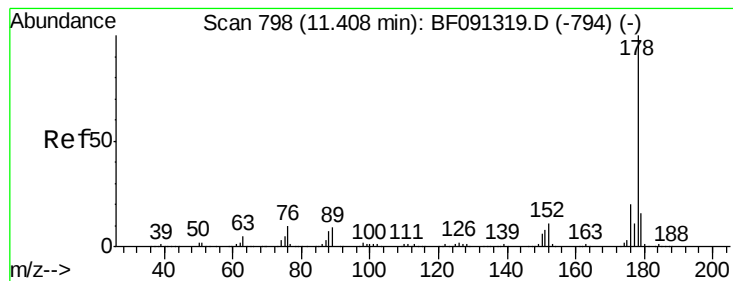
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#69
Pentachlorophenol
Concen: 65.30 ng
RT: 11.16 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	232505		
268	64.6	50.3	75.5	
264	63.3	48.2	72.2	





#70

Phenanthrene

Concen: 40.71 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

ClientSampleId :

TP17-18-COMP4MS

Tot Ion:178 Resp: 1101676

Ion Ratio Lower Upper

178 100

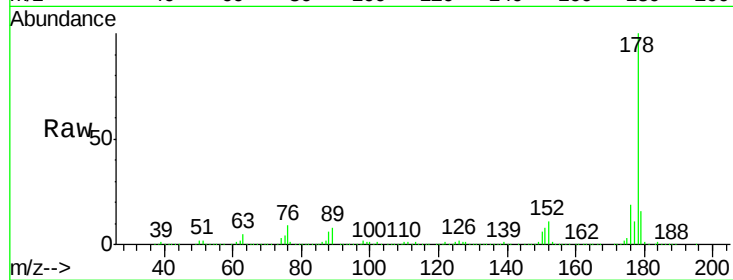
176 19.3 15.9 23.9

179 15.6 12.6 18.8

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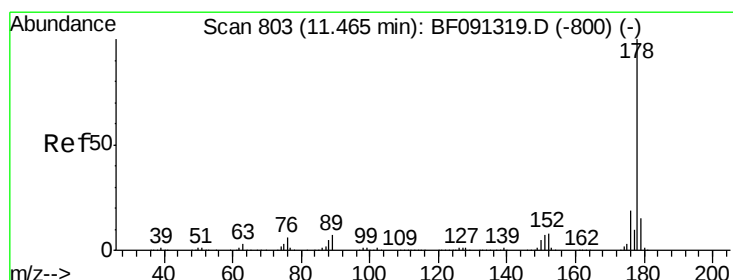
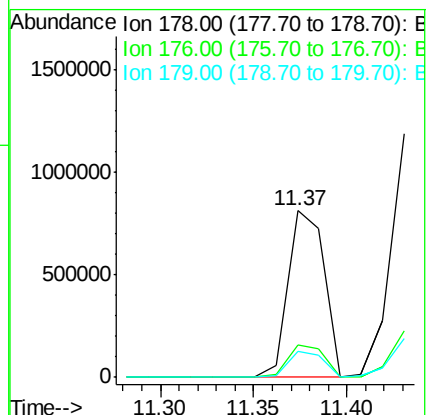
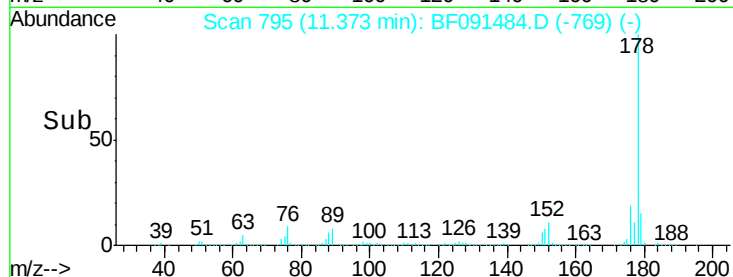
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.88 ng

RT: 11.43 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

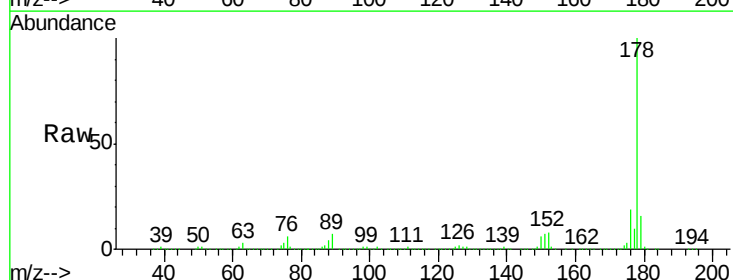
Tgt Ion:178 Resp: 1044192

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

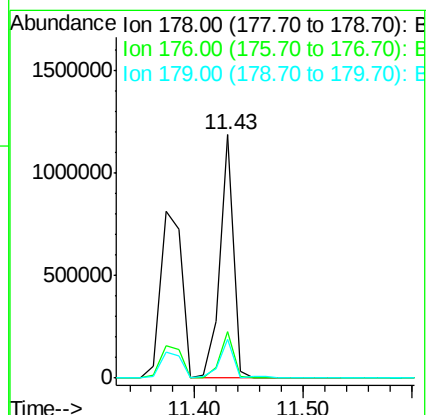
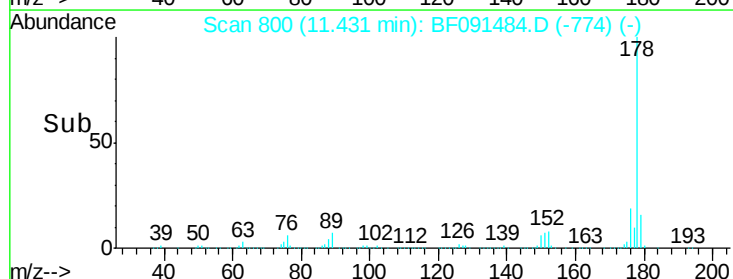
179 15.8 12.7 19.1

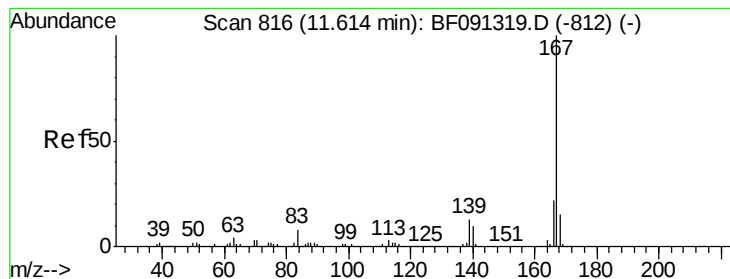


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 30.82 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

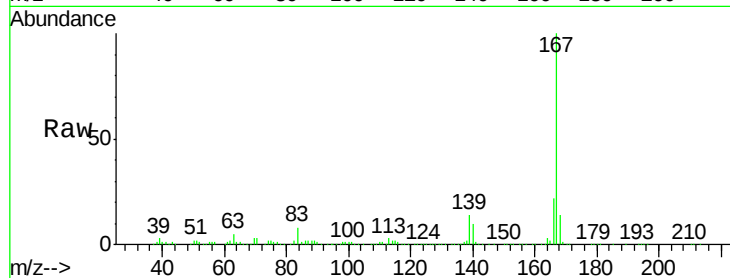
ClientSampleId :

TP17-18-COMP4MS

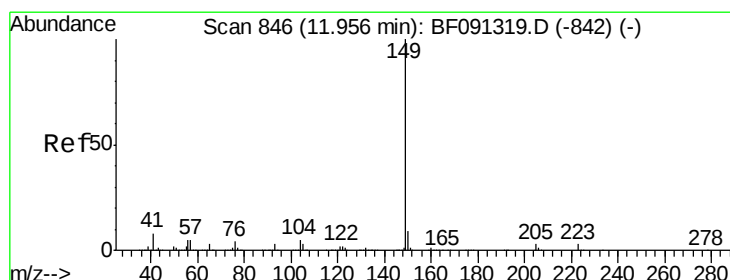
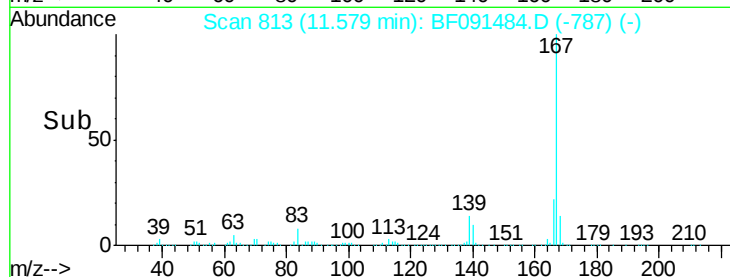
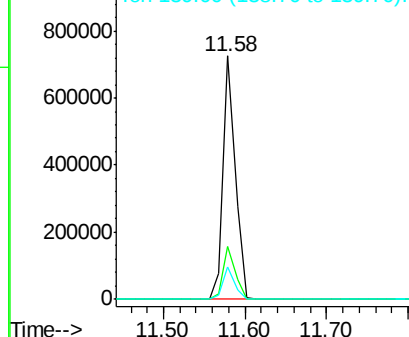
Tot Ion:	167	Resp:	750931
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.1	27.1
139	13.6	11.5	17.3

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



#73

Di-n-butylphthalate

Concen: 38.81 ng

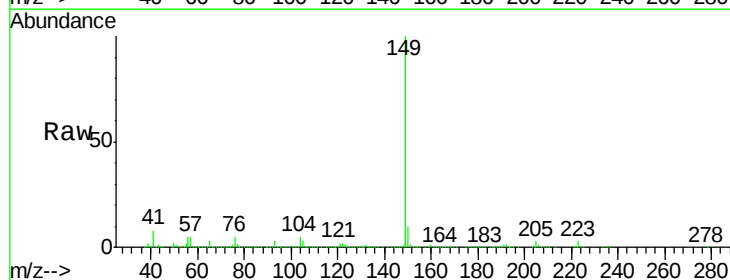
RT: 11.92 min Scan# 843

Delta R.T. -0.00 min

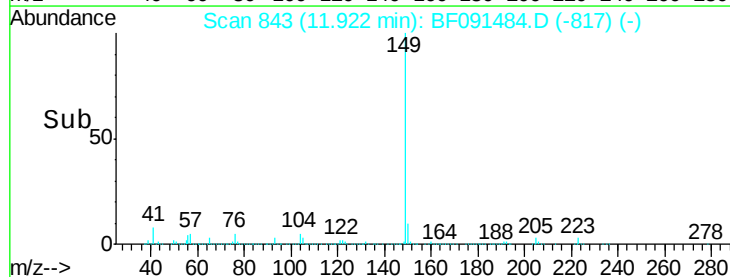
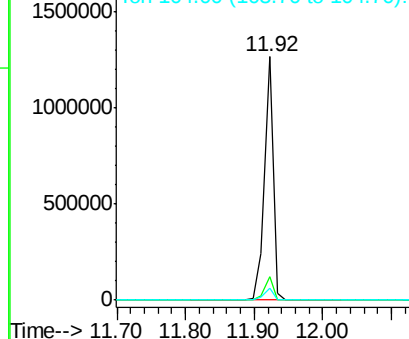
Lab File: BF091484.D

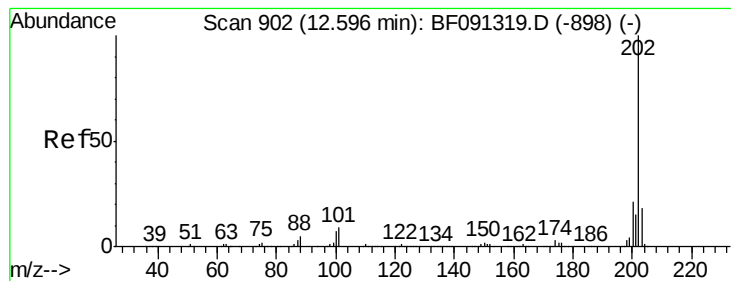
Acq: 7 Dec 2016 22:07

Tgt Ion:	149	Resp:	1071724
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	4.8	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 41.34 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

ClientSampleId :

TP17-18-COMP4MS

Tot Ion:202 Resp: 1059476

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.5

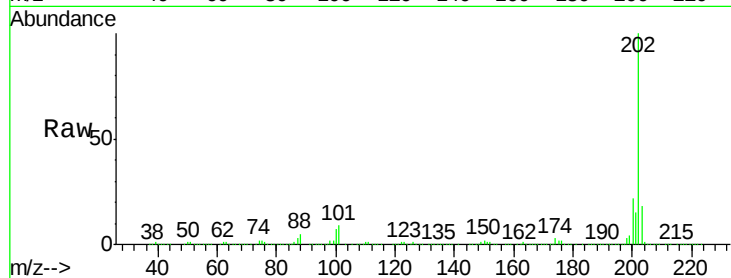
203 18.3 0.0 37.8

Manual Integrations

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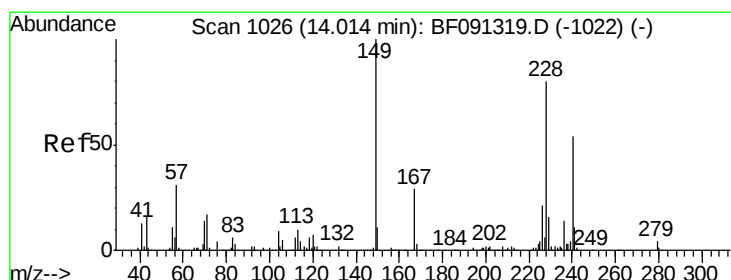
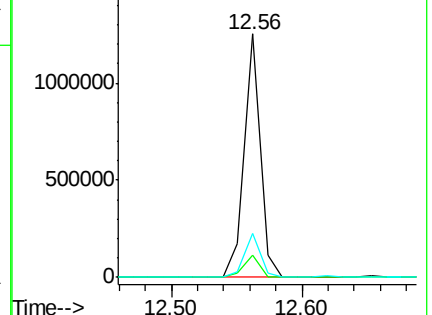
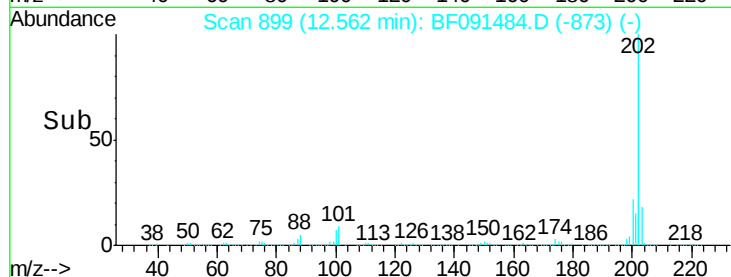
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

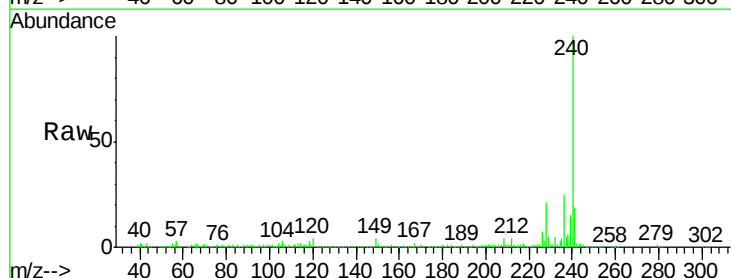
Tgt Ion:240 Resp: 314031

Ion Ratio Lower Upper

240 100

120 4.1 12.1 18.1#

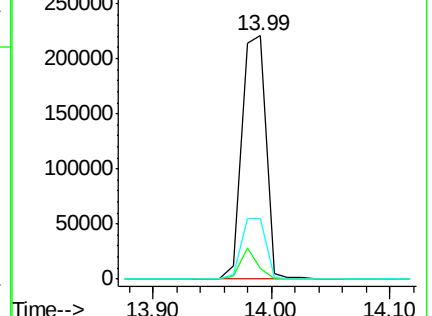
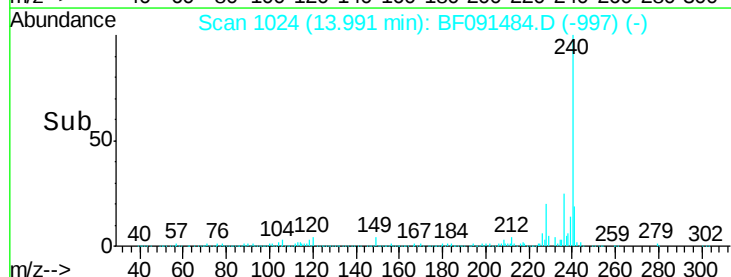
236 24.9 21.0 31.6

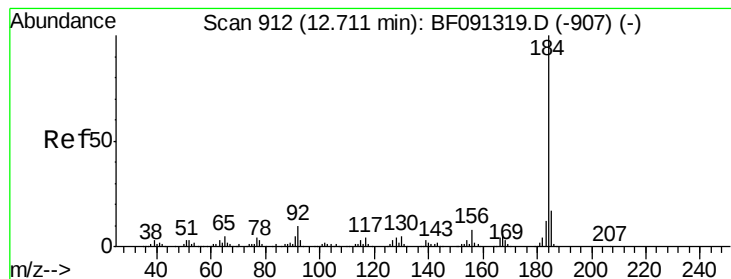


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 24.45 ng

RT: 12.69 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

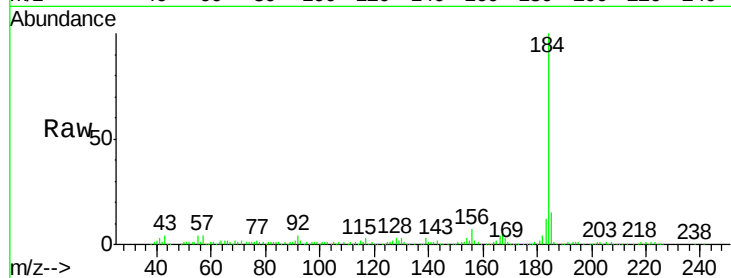
ClientSampleId :

TP17-18-COMP4MS

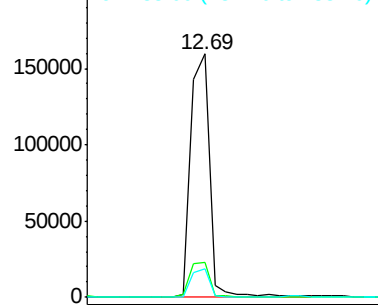
Tot Ion:	184	Resp:	225370
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.1	19.7
183	11.8	8.9	13.3

Manual Integrations
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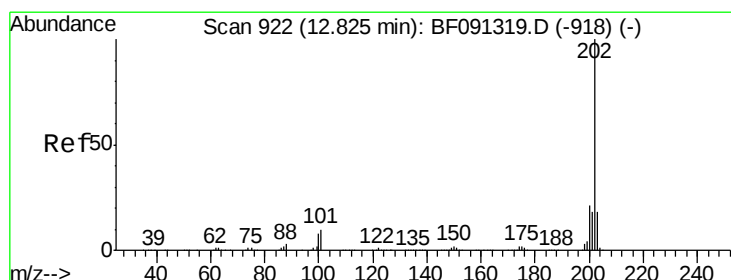
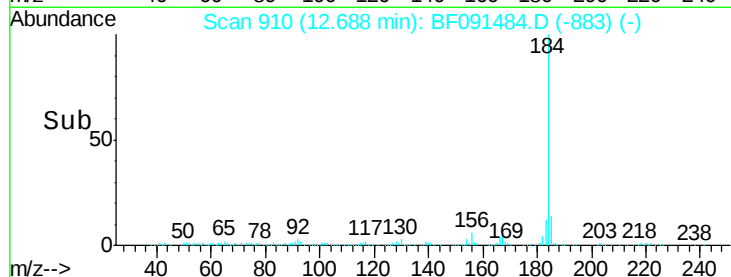
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 46.60 ng

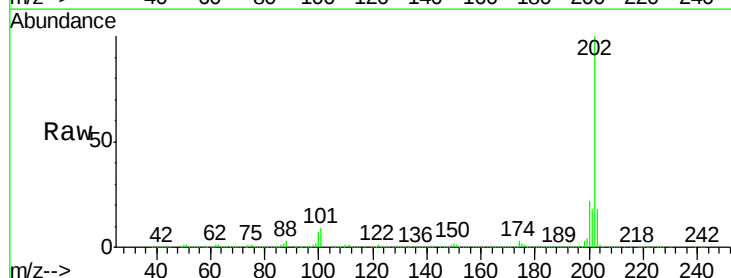
RT: 12.79 min Scan# 919

Delta R.T. -0.00 min

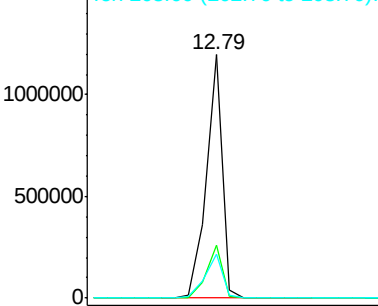
Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

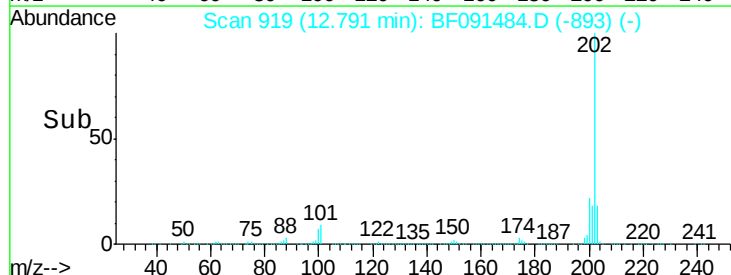
Tgt Ion:	202	Resp:	1110651
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.6	26.4
203	17.9	14.0	21.0

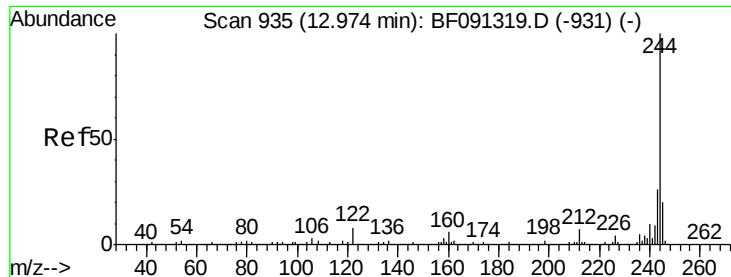


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





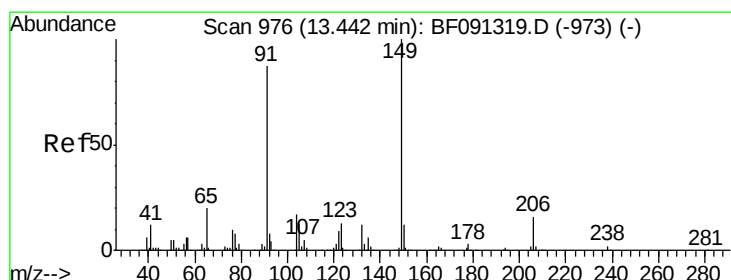
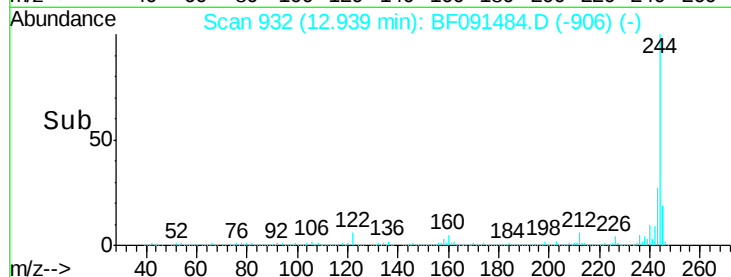
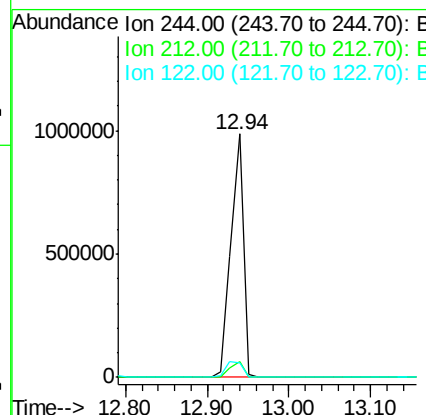
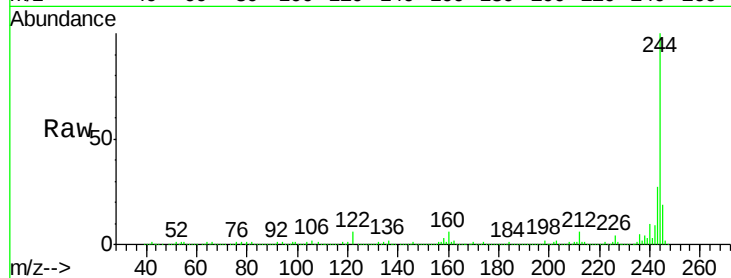
#78
 Terphenyl-d14
 Concen: 71.93 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4MS

Tot Ion:244 Resp: 1039236
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 5.8 9.5 14.3#

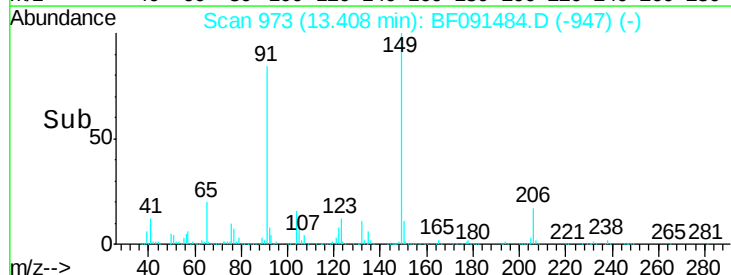
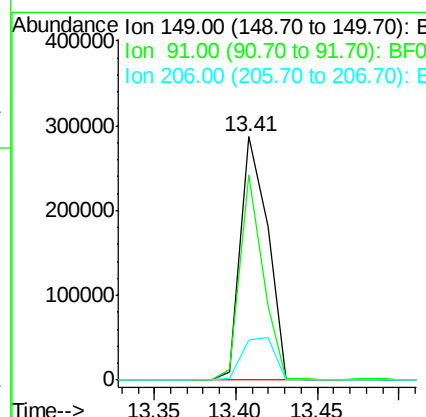
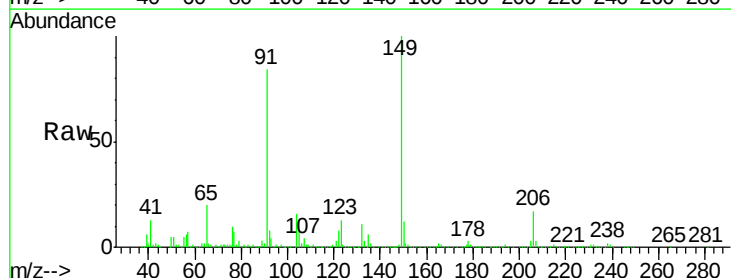
Manual Integrations
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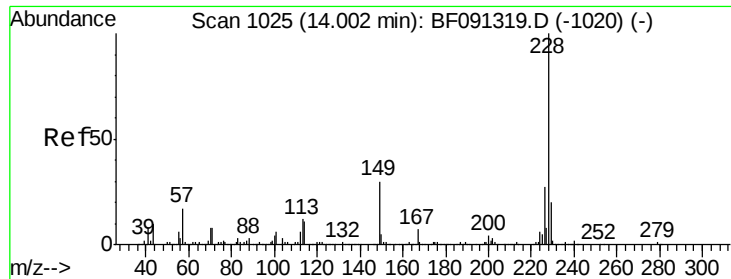
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#79
 Butylbenzylphthalate
 Concen: 36.87 ng
 RT: 13.41 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF091484.D
 Acq: 7 Dec 2016 22:07

Tgt Ion:149 Resp: 329023
 Ion Ratio Lower Upper
 149 100
 91 84.1 57.4 86.2
 206 16.7 15.4 23.2





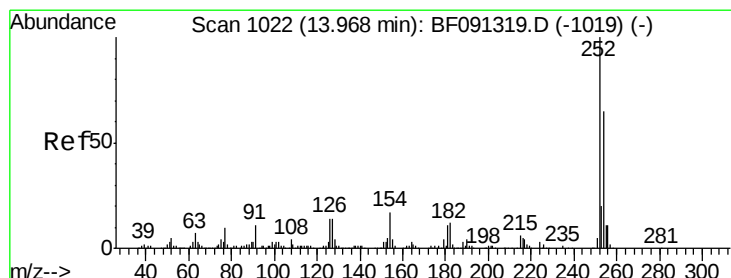
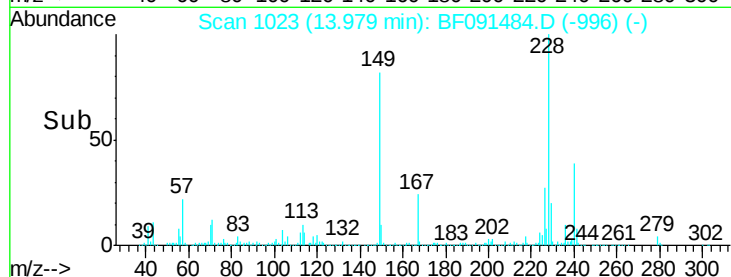
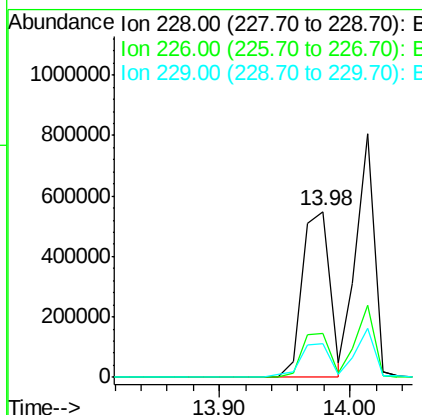
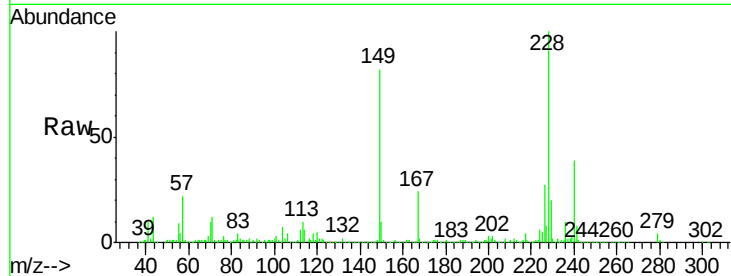
#80
Benzo(a)anthracene
Concen: 43.36 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.5	33.7
229	20.0	16.4	24.6

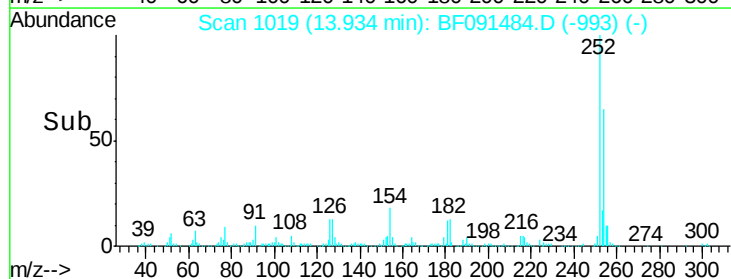
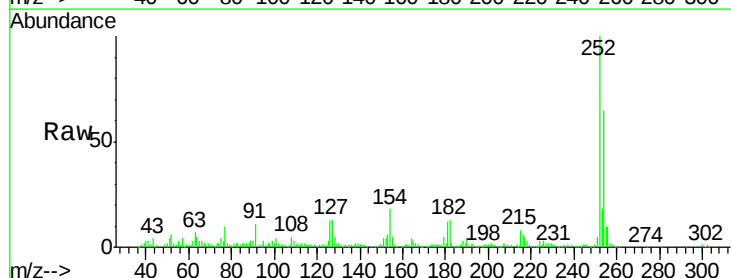
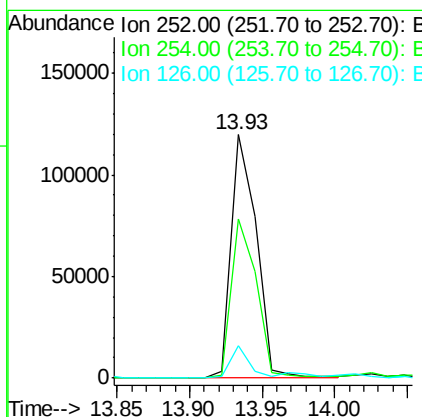
Manual Integrations
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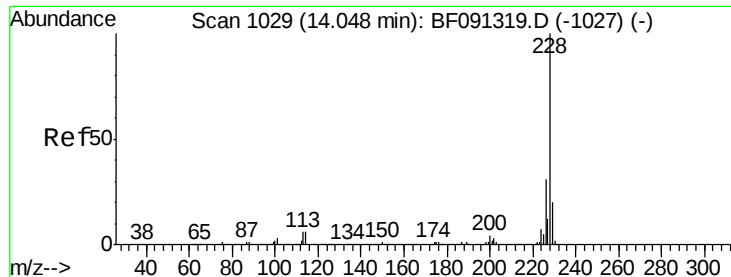
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#81
3,3'-Dichlorobenzidine
Concen: 22.47 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	13.1	7.5	11.3





#82

Chrysene

Concen: 43.06 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

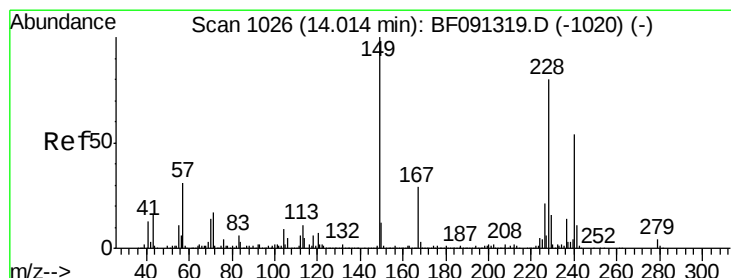
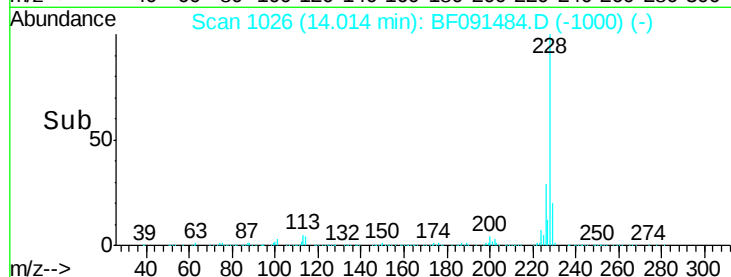
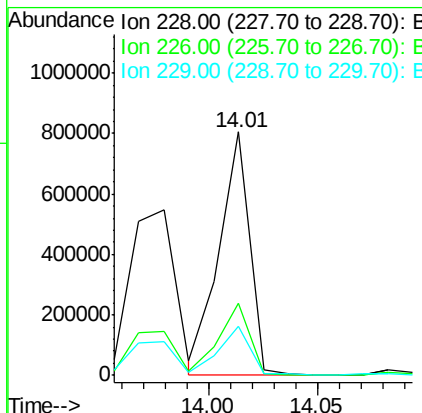
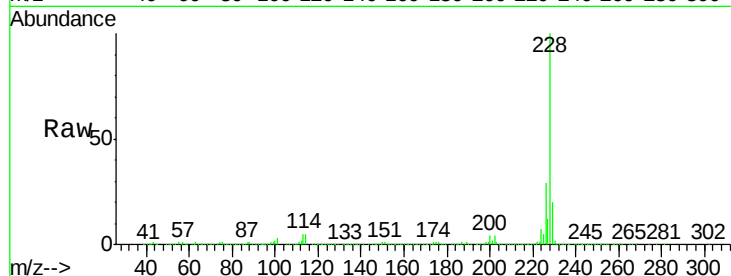
ClientSampleId :

TP17-18-COMP4MS

Tot Ion:	228	Resp:	782476
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.4
229	20.0	16.0	24.0

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 42.09 ng

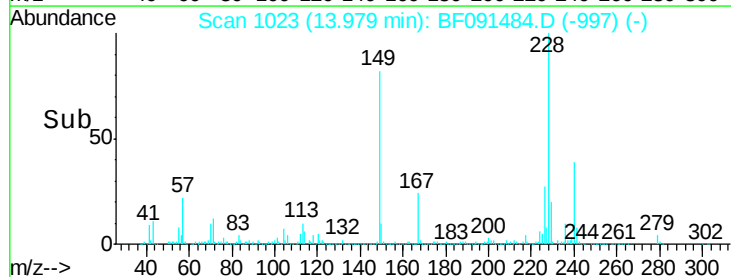
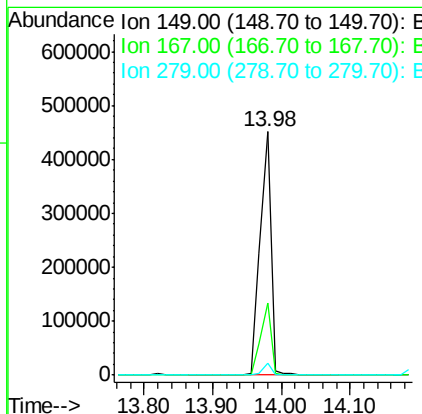
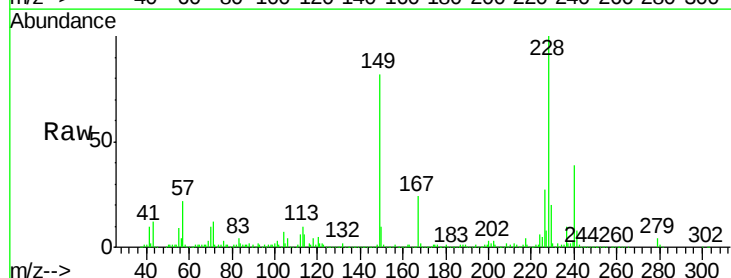
RT: 13.98 min Scan# 1023

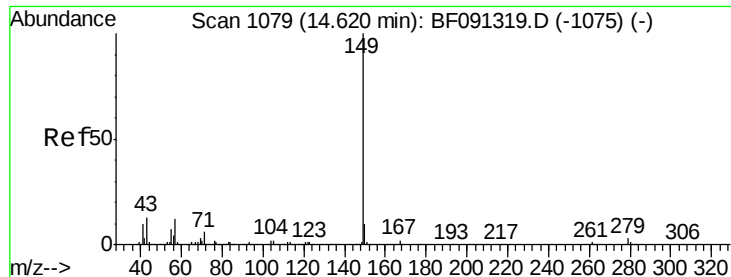
Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:	149	Resp:	476076
Ion Ratio	Lower	Upper	
149	100		
167	29.5	19.6	29.4#
279	4.8	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 44.91 ng

RT: 14.59 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

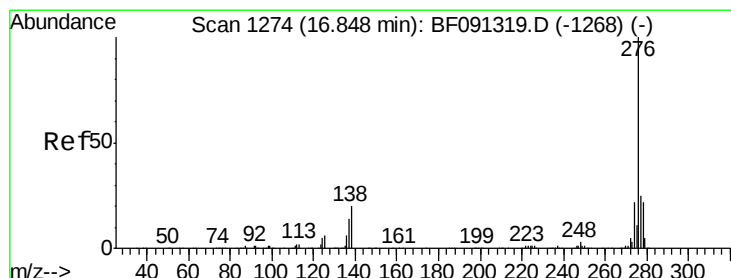
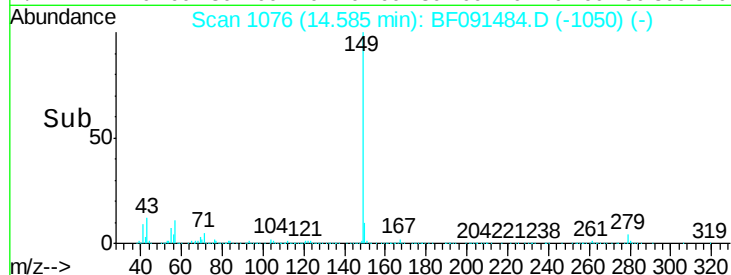
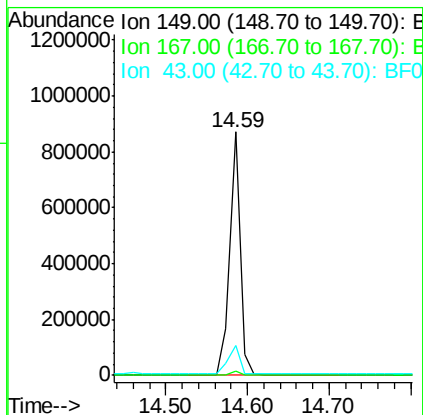
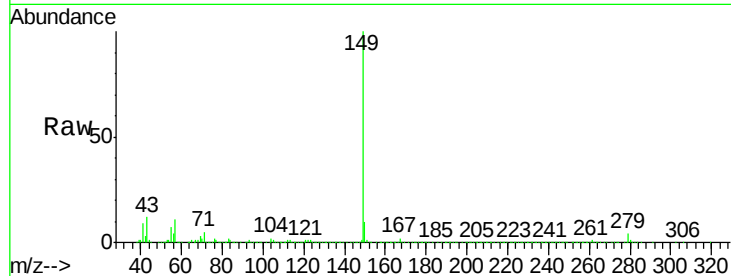
ClientSampleId :

TP17-18-COMP4MS

Tot Ion:	149	Resp:	768755
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.3	1.9
43	13.4	11.9	17.9

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 43.06 ng

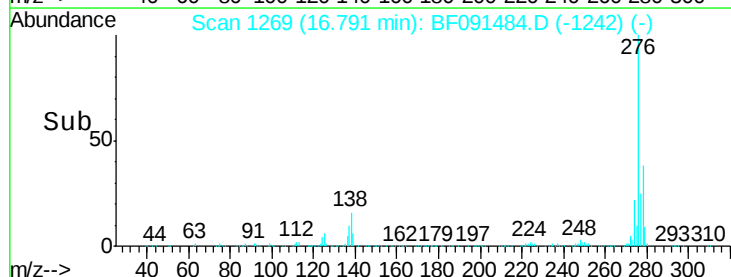
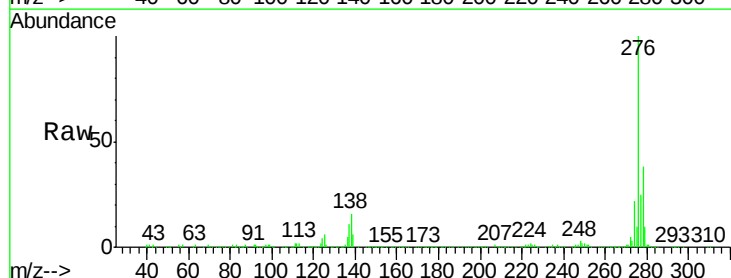
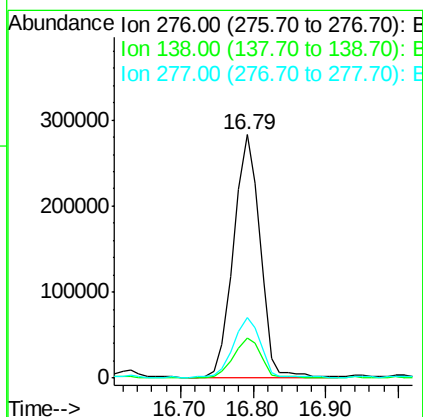
RT: 16.79 min Scan# 1269

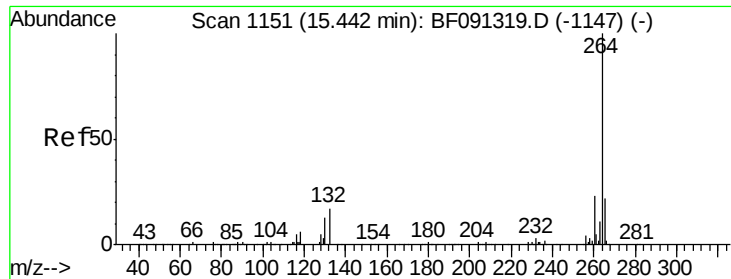
Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:	276	Resp:	716502
Ion Ratio	Lower	Upper	
276	100		
138	17.3	21.0	31.4#
277	25.7	20.2	30.2





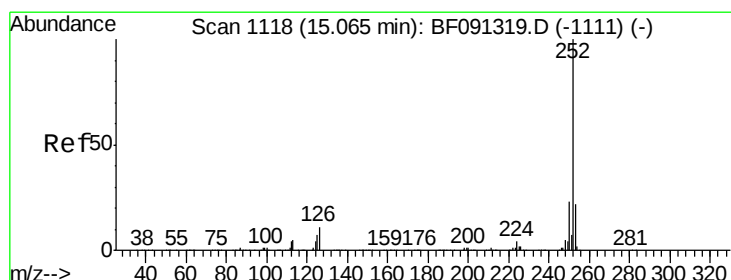
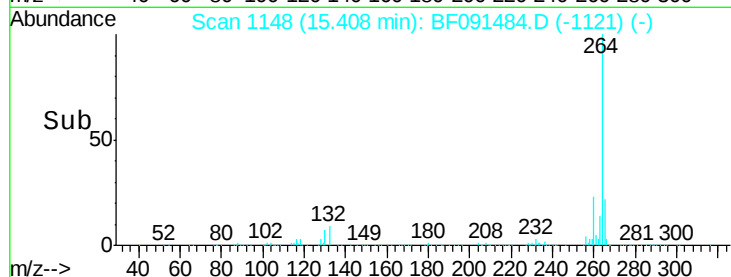
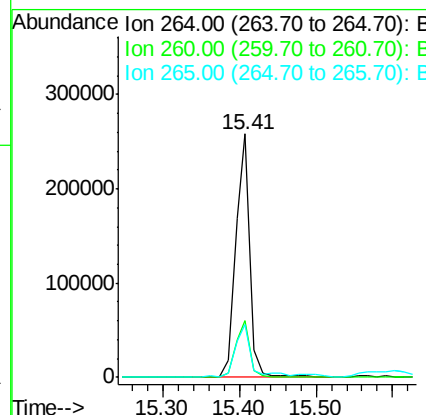
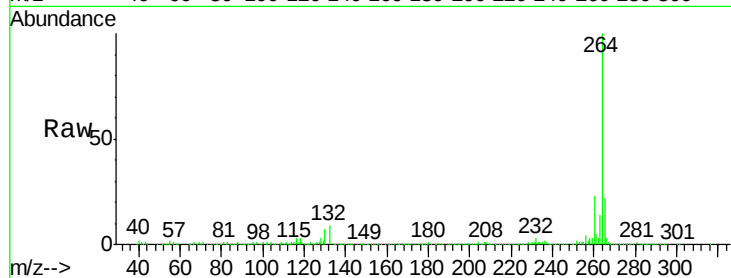
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.8	17.0	25.6

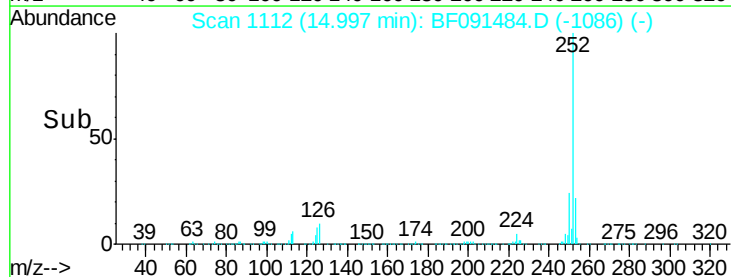
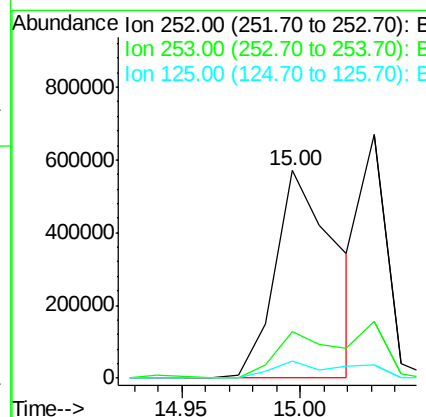
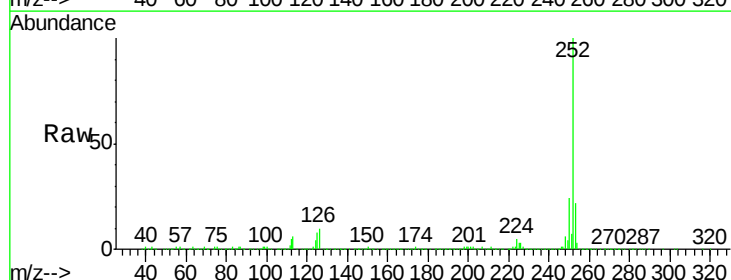
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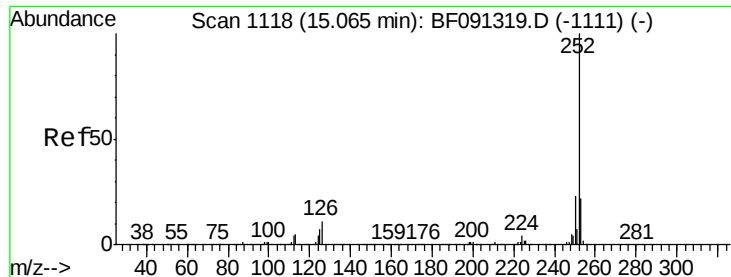
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#87
Benzo(b)fluoranthene
Concen: 49.39 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.0	8.6	13.0





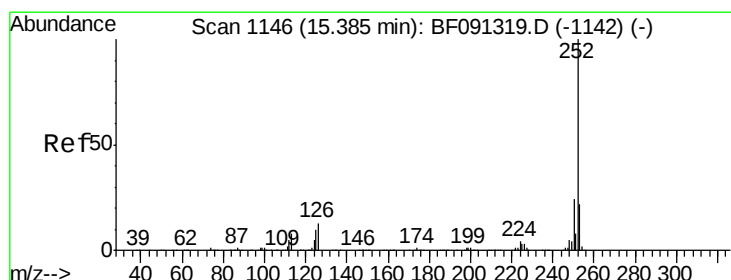
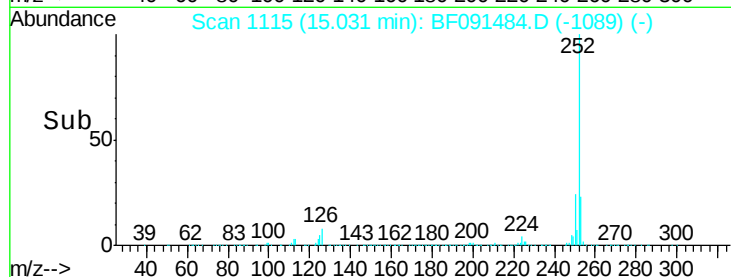
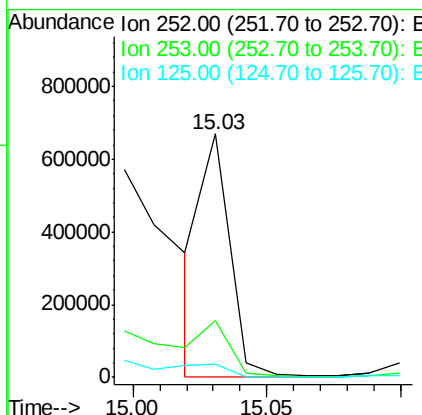
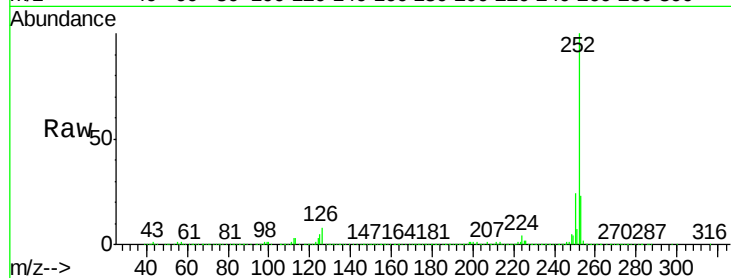
#88
Benzo(k)fluoranthene
Concen: 28.75 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	5.2	9.6	14.4

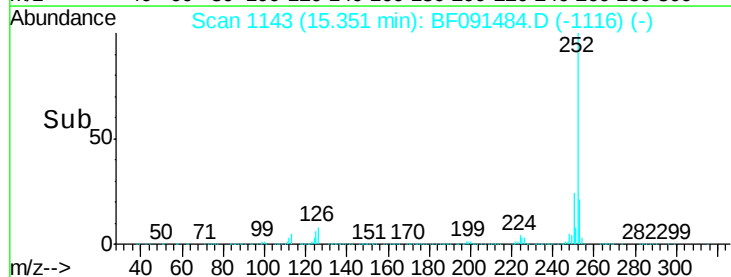
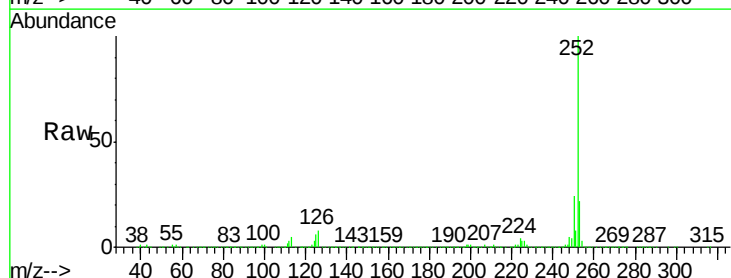
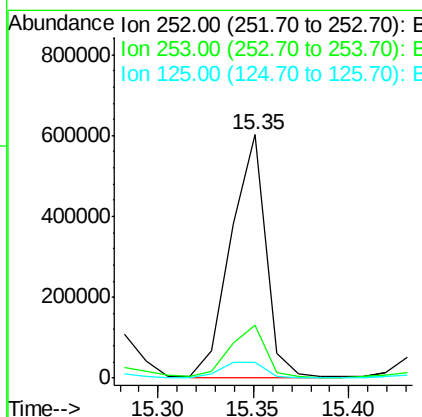
Manual Integrations
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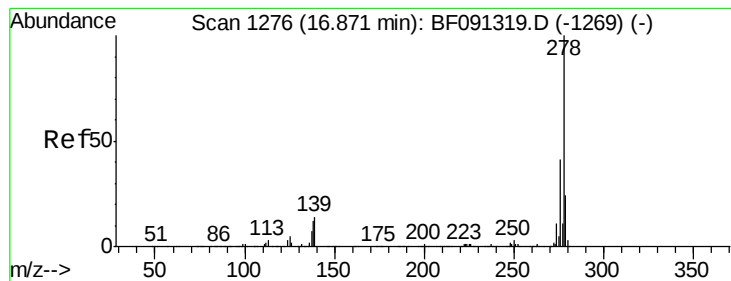
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#89
Benzo(a)pyrene
Concen: 41.64 ng m
RT: 15.35 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF091484.D
Acq: 7 Dec 2016 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	6.3	10.4	15.6





#90

Dibenzo(a,h)anthracene

Concen: 32.28 ng

RT: 16.81 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Instrument :

BNA_F

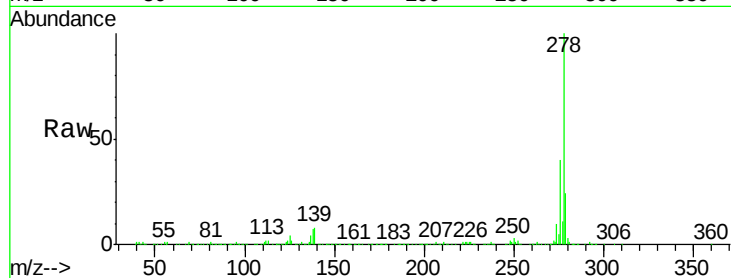
ClientSampleId :

TP17-18-COMP4MS

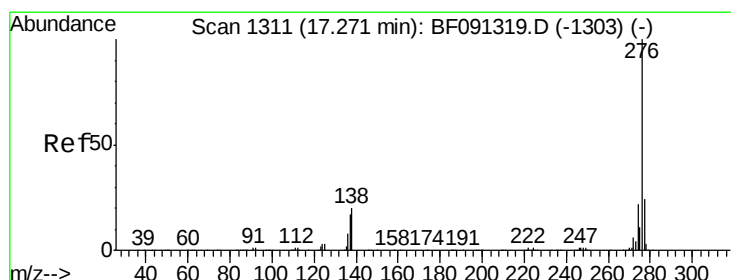
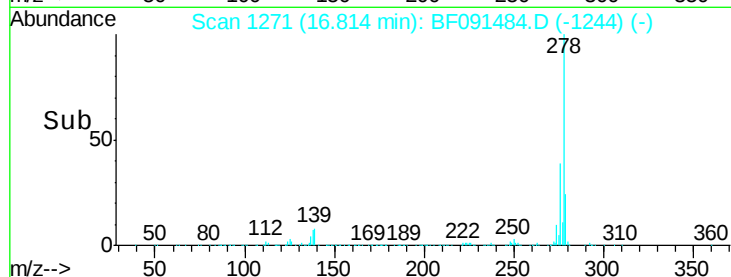
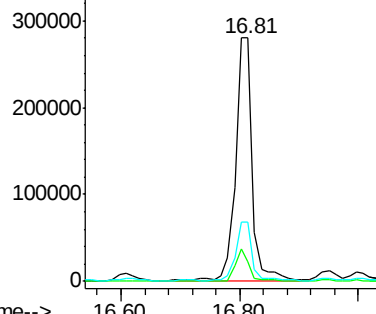
Tot Ion:	278	Resp:	555708
Ion Ratio	Lower	Upper	
278	100		
139	8.2	15.1	22.7#
279	24.3	19.0	28.6

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



#91

Benzo(g,h,i)perylene

Concen: 33.69 ng m

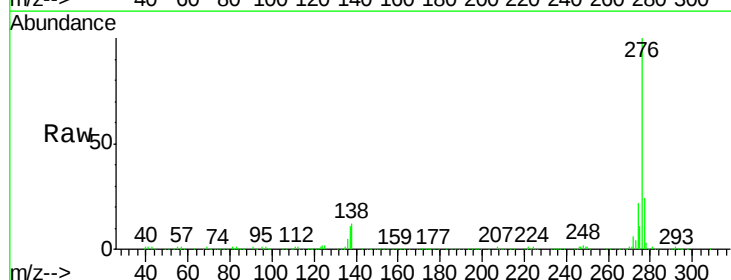
RT: 17.21 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF091484.D

Acq: 7 Dec 2016 22:07

Tgt Ion:	276	Resp:	598040
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	12.5	15.4	23.0#



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

