

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092066.D
 Acq On : 3 Jan 2017 17:49
 Operator : UM/SJ
 Sample : H6322-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Manual Integrations
 APPROVED

Sohil
 1/4/2017 2:05:44 PM

Quant Time: Jan 04 13:09:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 13:03:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	198855	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	837412	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	433320	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	645488	20.00	ng	-0.04
75) Chrysene-d12	13.83	240	467146	20.00	ng	-0.04
86) Perylene-d12	15.20	264	437183	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1616663	135.75	ng	-0.03
7) Phenol-d6	6.34	99	1904320	130.97	ng	-0.04
23) Nitrobenzene-d5	7.24	82	1355441	90.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	427936	119.33	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2453090	121.54	ng	-0.04
78) Terphenyl-d14	12.78	244	1924244	99.90	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	264618	45.13	ng	# 85
3) Pyridine	2.98	79	604149m	29.52	ng	
4) n-Nitrosodimethylamine	2.87	42	334070	43.28	ng	100
6) Aniline	6.36	93	128415	6.80	ng	# 1
8) 2-Chlorophenol	6.47	128	700072	51.68	ng	86
9) Benzaldehyde	6.22	77	43506	3.79	ng	99
10) Phenol	6.36	94	751612	45.36	ng	# 67
11) bis(2-Chloroethyl)ether	6.41	93	776406	58.89	ng	100
12) 1,3-Dichlorobenzene	6.61	146	645848	44.66	ng	# 91
13) 1,4-Dichlorobenzene	6.69	146	675780	45.91	ng	97
14) 1,2-Dichlorobenzene	6.84	146	505460	39.57	ng	95
15) Benzyl Alcohol	6.82	79	446208	39.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	802380	40.87	ng	62
17) 2-Methylphenol	6.95	107	462959	42.49	ng	# 92
18) Hexachloroethane	7.18	117	243119	44.55	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	486800	50.32	ng	96
20) 3+4-Methylphenols	7.11	107	714749	55.00	ng	# 72
22) Acetophenone	7.09	105	944133	45.71	ng	94
24) Nitrobenzene	7.26	77	609829	38.02	ng	97
25) Isophorone	7.50	82	1375976	49.52	ng	95
26) 2-Nitrophenol	7.58	139	385762	48.77	ng	92
27) 2,4-Dimethylphenol	7.64	122	625642	47.69	ng	95
28) bis(2-Chloroethoxy)methane	7.72	93	821151	48.74	ng	100
29) 2,4-Dichlorophenol	7.83	162	575289	51.78	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	561835	46.15	ng	95
31) Naphthalene	7.98	128	1959111	51.12	ng	99
32) Benzoic acid	7.77	122	438033	45.02	ng	96
33) 4-Chloroaniline	8.05	127	79140	4.58	ng	99
34) Hexachlorobutadiene	8.09	225	305725	47.58	ng	99
35) Caprolactam	8.42	113	177546m	48.63	ng	
36) 4-Chloro-3-methylphenol	8.54	107	595908	46.62	ng	100
37) 2-Methylnaphthalene	8.66	142	1269842	65.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	496014	45.31	ng	# 97
40) Hexachlorocyclopentadiene	8.82	237	462613	94.14	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 13:03:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	395033	51.60	nq	99
43) 2,4,5-Trichlorophenol	9.01	196	335958	42.64	nq	94
45) 1,1'-Biphenyl	9.13	154	1457019	49.11	nq	96
46) 2-Chloronaphthalene	9.16	162	1101427	46.88	nq	94
47) 2-Nitroaniline	9.26	65	378650	45.26	nq	95
48) Acenaphthylene	9.57	152	1727659	47.81	nq	99
49) Dimethylphthalate	9.45	163	1429358	51.57	nq	99
50) 2,6-Dinitrotoluene	9.51	165	337266	55.60	nq	89
51) Acenaphthene	9.74	154	1095854	44.73	nq	99
52) 3-Nitroaniline	9.67	138	46298	6.17	nq	89
53) 2,4-Dinitrophenol	9.80	184	307039	90.97	nq	98
54) Dibenzofuran	9.92	168	1613582	48.77	nq	93
55) 4-Nitrophenol	9.88	139	471427	92.49	nq	# 71
56) 2,4-Dinitrotoluene	9.91	165	358642	47.11	nq	# 71
57) Fluorene	10.26	166	981129	40.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	308057	49.43	nq	97
59) Diethylphthalate	10.15	149	1113791	41.38	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	415250	39.40	nq	99
61) 4-Nitroaniline	10.29	138	195985	25.19	nq	93
62) Azobenzene	10.41	77	1167608	39.40	nq	99
64) 4,6-Dinitro-2-methylphenol	10.32	198	159136	40.77	nq	# 51
65) n-Nitrosodiphenylamine	10.38	169	808119	42.19	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	317778	47.33	nq	# 85
67) Hexachlorobenzene	10.80	284	338524	47.17	nq	# 81
68) Atrazine	10.92	200	294812	47.72	nq	96
69) Pentachlorophenol	11.01	266	360044	102.24	nq	99
70) Phenanthrene	11.21	178	1602616	45.79	nq	98
71) Anthracene	11.27	178	1838989	81.45	nq	99
72) Carbazole	11.43	167	1570884	48.44	nq	98
73) Di-n-butylphthalate	11.76	149	1882364	57.94	nq	99
74) Fluoranthene	12.40	202	1859933	62.02	nq	94
77) Pyrene	12.63	202	1893740	55.25	nq	99
79) Butylbenzylphthalate	13.26	149	889932	57.09	nq	91
80) Benzo(a)anthracene	13.81	228	1451743	55.05	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	104864	10.49	nq	# 96
82) Chrysene	13.85	228	1494083	56.49	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	1013687	55.22	nq	100
84) Di-n-octyl phthalate	14.44	149	2025471	59.56	nq	98
85) Indeno(1,2,3-cd)pyrene	16.49	276	1185702	51.75	nq	99
87) Benzo(b)fluoranthene	14.83	252	1449023m	53.24	nq	
88) Benzo(k)fluoranthene	14.85	252	1119215m	48.22	nq	
89) Benzo(a)pyrene	15.15	252	1215126	50.30	nq	99
90) Dibenzo(a,h)anthracene	16.52	278	977560	49.23	nq	# 94
91) Benzo(g,h,i)perylene	16.88	276	997291	48.30	nq	# 95

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

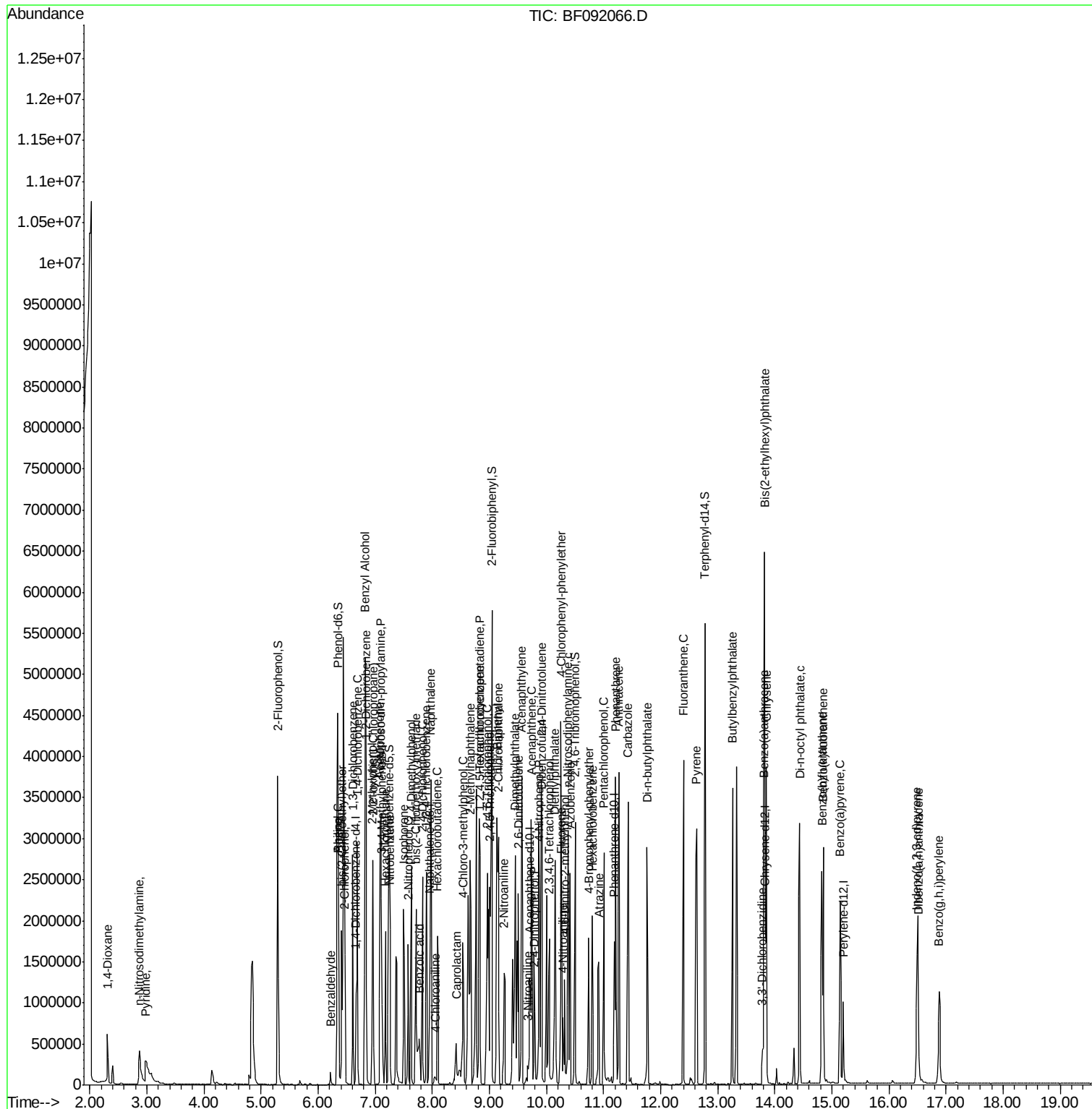
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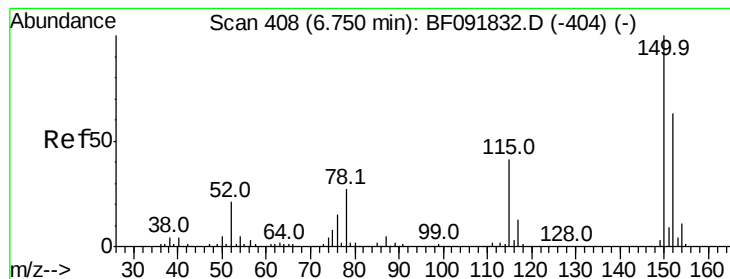
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion:152 Resp: 198855

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

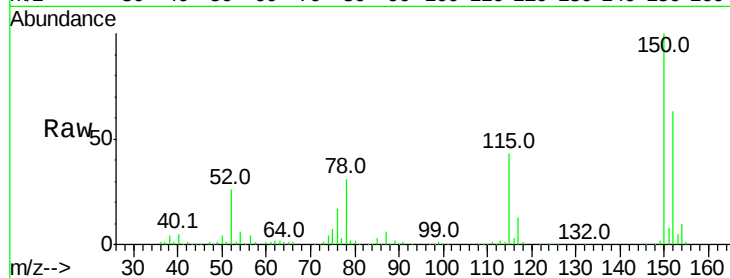
115 68.1 46.0 69.0

Manual Integrations

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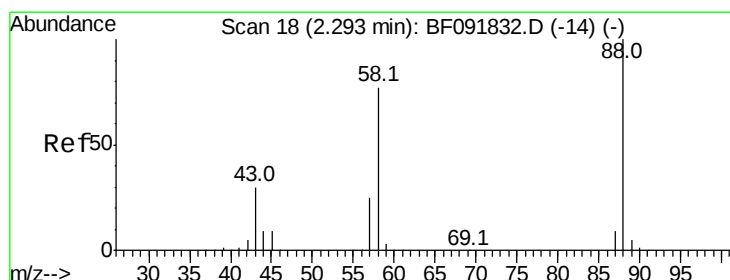
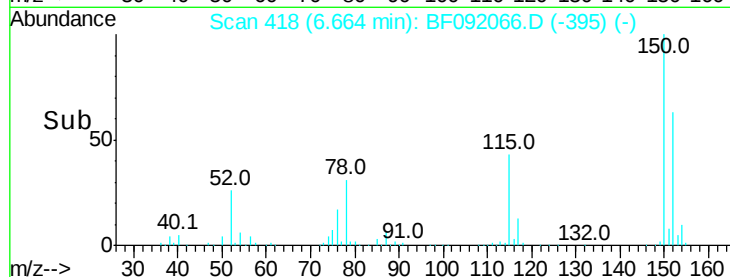
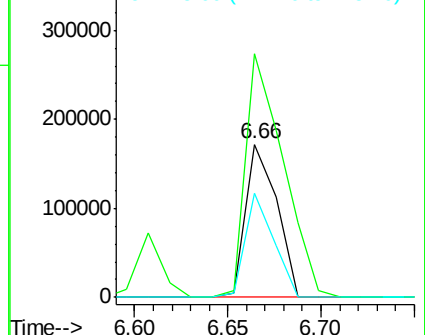
1/4/2017 2:05:44 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.13 ng

RT: 2.31 min Scan# 37

Delta R.T. 0.12 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

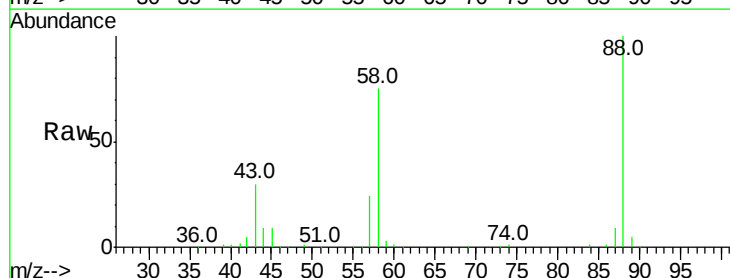
Tgt Ion: 88 Resp: 264618

Ion Ratio Lower Upper

88 100

58 72.0 57.8 86.8

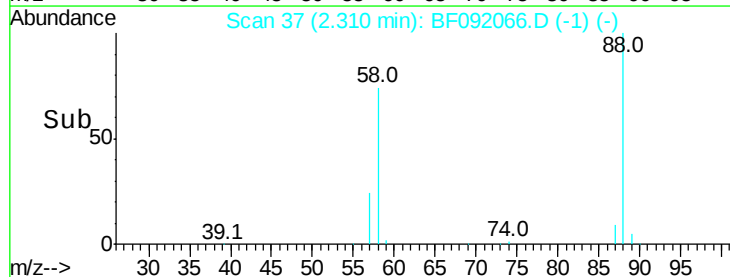
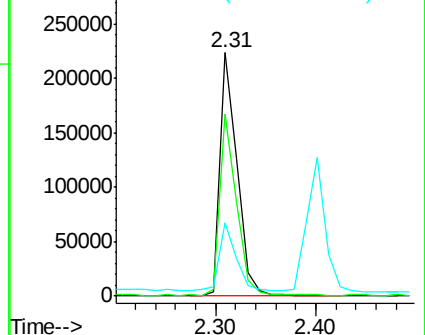
43 0.0 22.3 33.5#

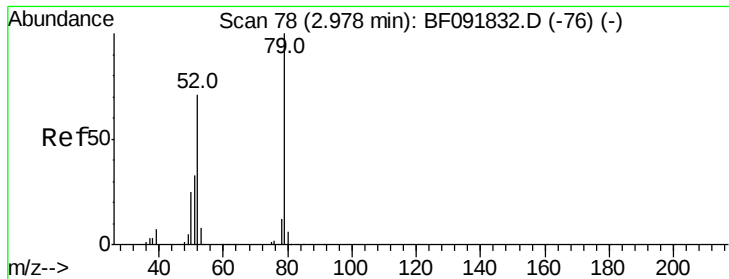


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





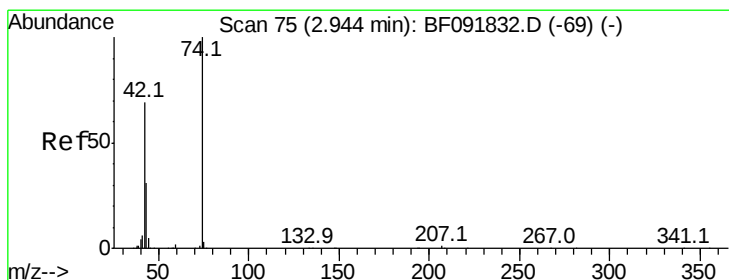
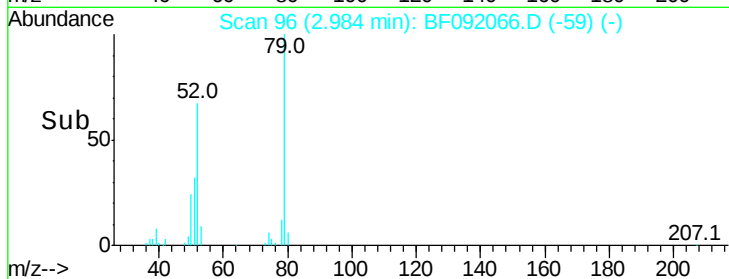
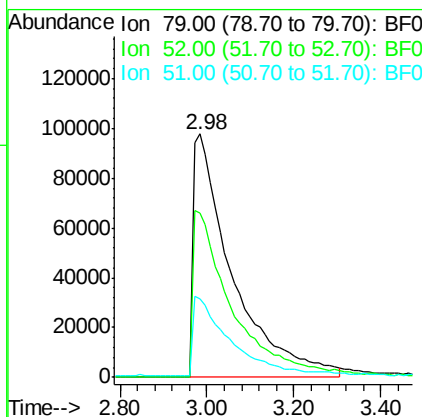
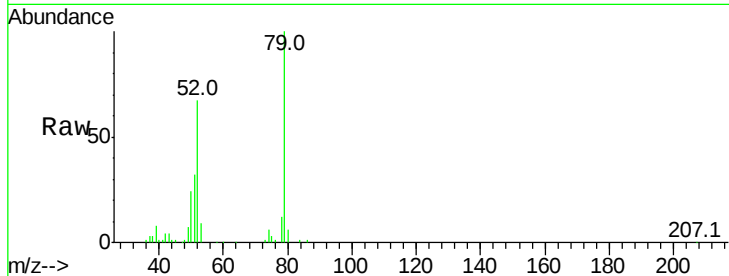
#3
Pvridine
Concen: 29.52 ng/ml
RT: 2.98 min Scan# 96
Delta R.T. 0.12 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	67.5	57.1	85.7	
51	32.5	27.3	40.9	

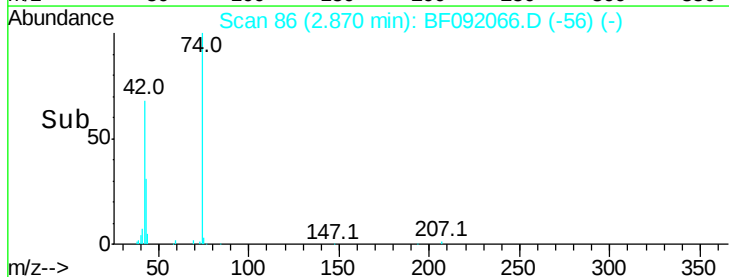
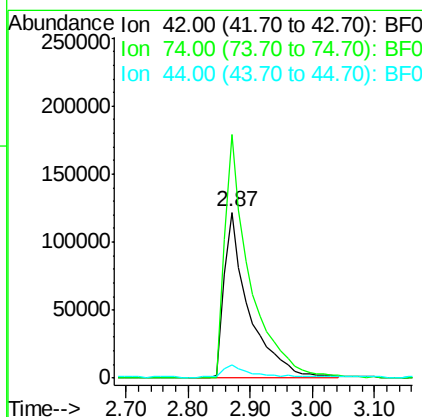
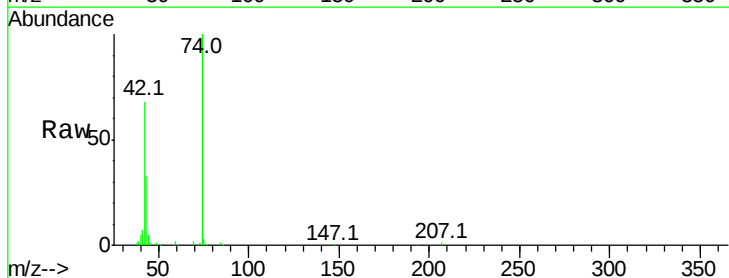
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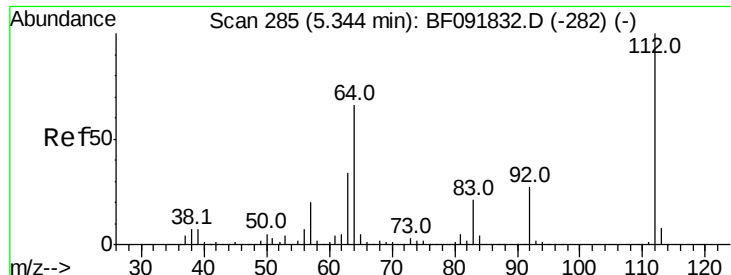
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#4
n-Nitrosodimethylamine
Concen: 43.28 ng/ml
RT: 2.87 min Scan# 86
Delta R.T. 0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	146.6	117.0	175.4	
44	7.8	5.5	8.3	





#5

2-Fluorophenol

Concen: 135.75 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion:112 Resp: 1616663

Ion Ratio Lower Upper

112 100

64 60.1 46.1 69.1

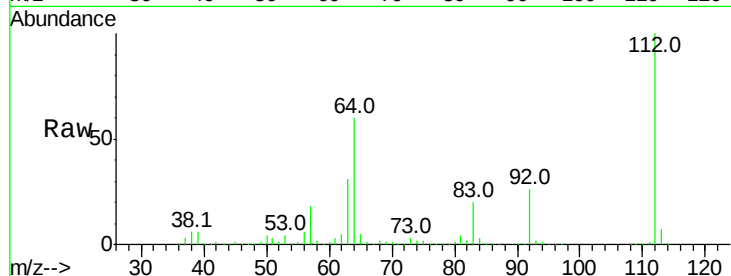
63 31.1 23.8 35.6

Manual Integrations

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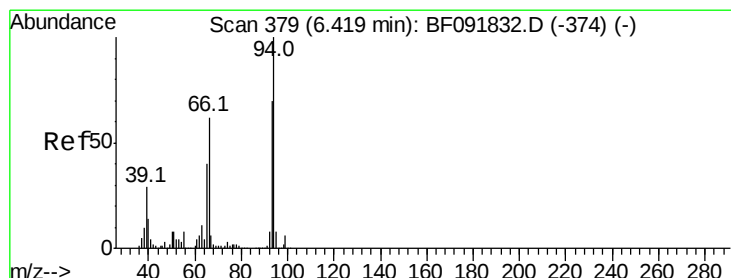
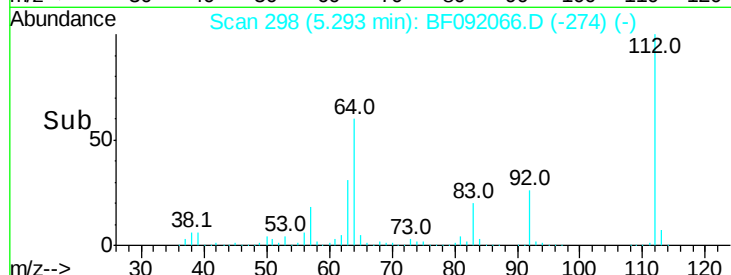
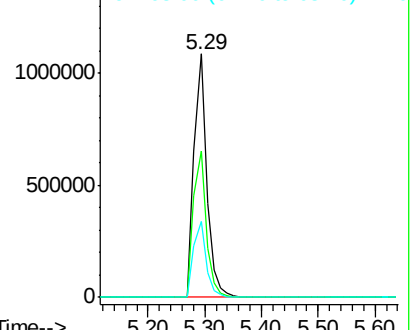
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.80 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

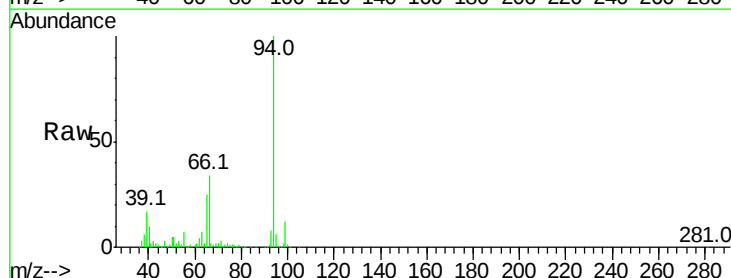
Tgt Ion: 93 Resp: 128415

Ion Ratio Lower Upper

93 100

66 443.6 76.2 114.2#

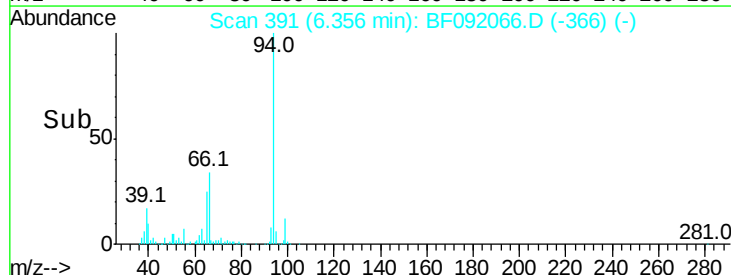
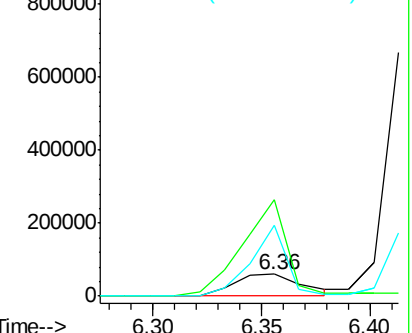
65 328.1 49.3 73.9#

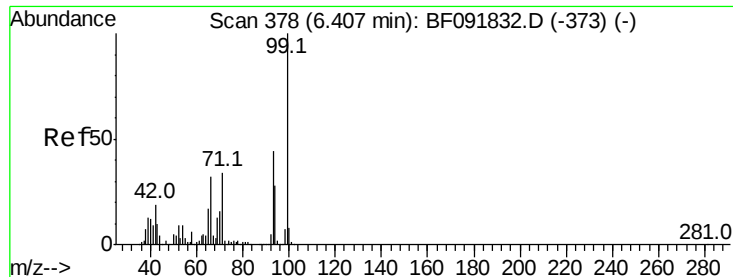


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.97 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion: 99 Resp: 1904320

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

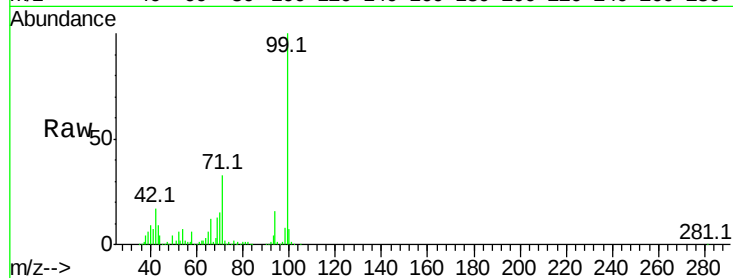
71 32.5 27.5 41.3

Manual Integrations

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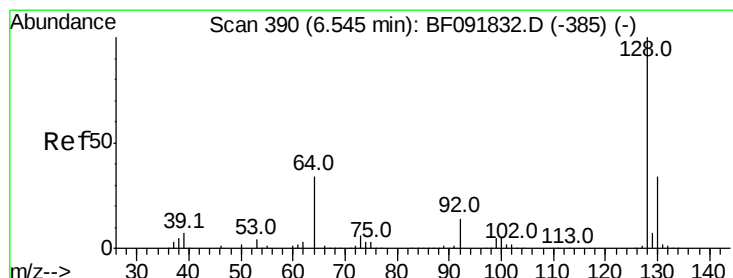
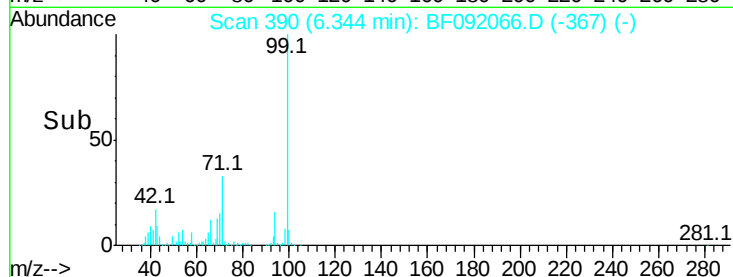
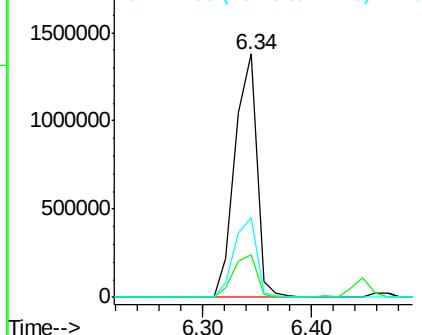
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.68 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

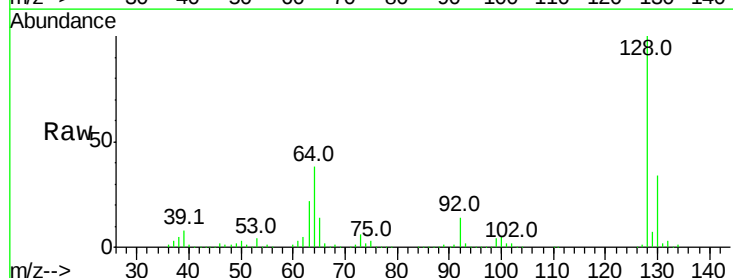
Tgt Ion:128 Resp: 700072

Ion Ratio Lower Upper

128 100

130 34.0 12.3 52.3

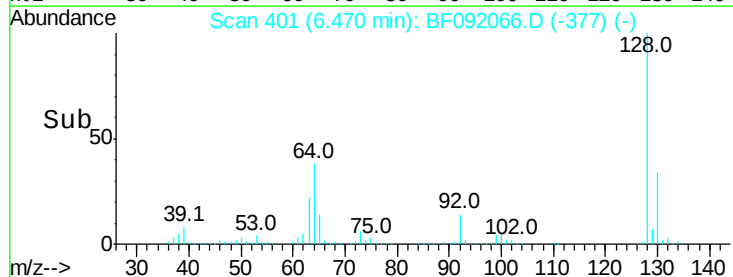
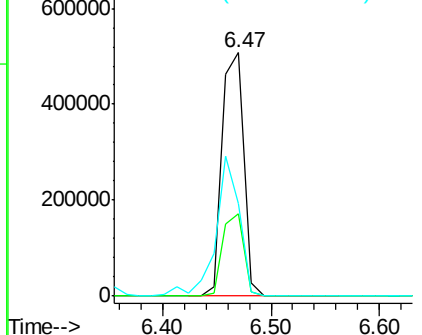
64 38.0 32.2 72.2

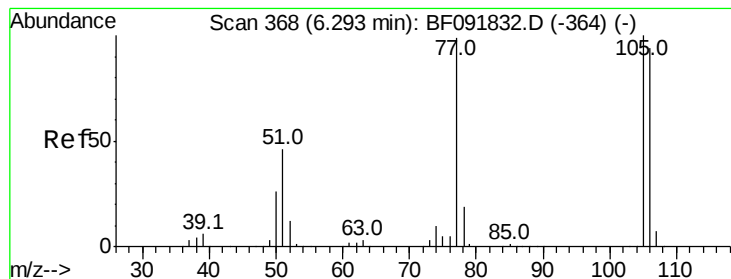


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.79 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion: 77 Resp: 43506

Ion Ratio Lower Upper

77 100

105 102.2 83.9 123.9

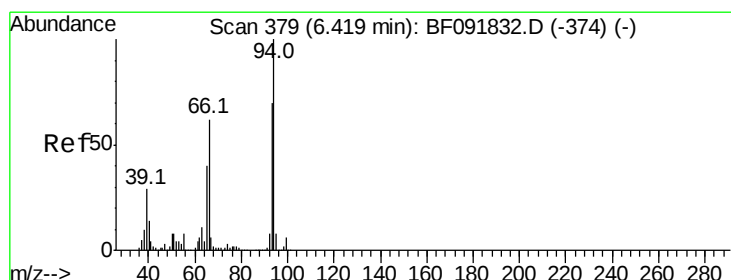
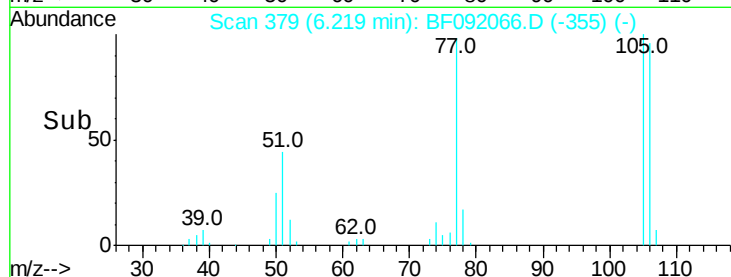
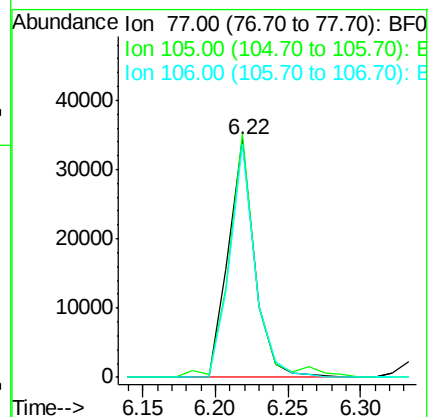
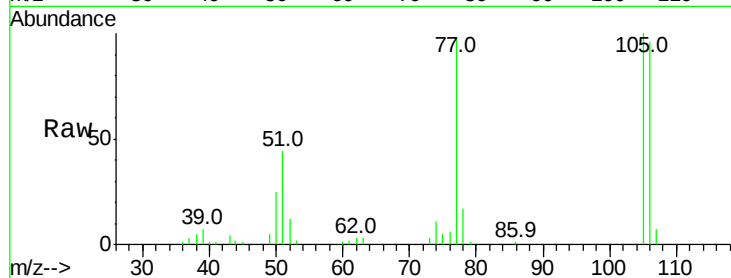
106 97.8 77.6 117.6

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#10

Phenol

Concen: 45.36 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

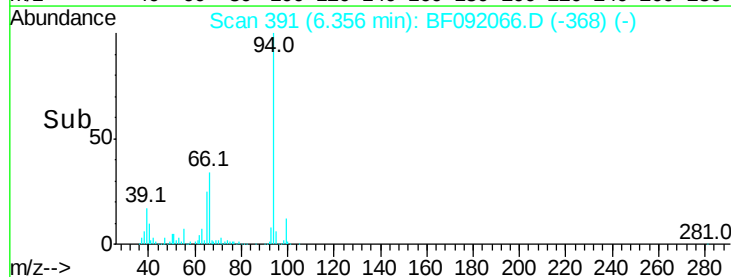
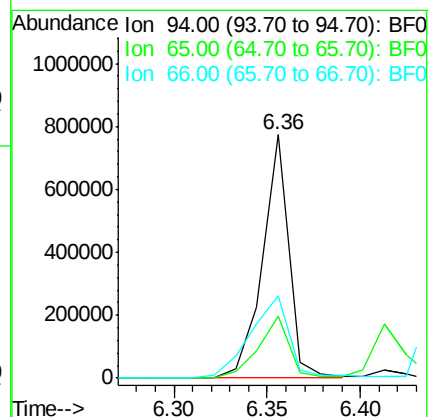
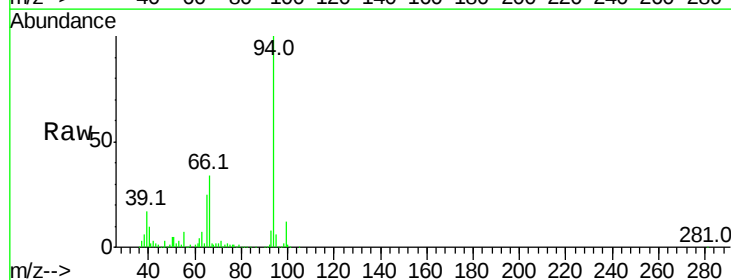
Tgt Ion: 94 Resp: 751612

Ion Ratio Lower Upper

94 100

65 25.2 21.4 61.4

66 34.0 44.0 84.0#





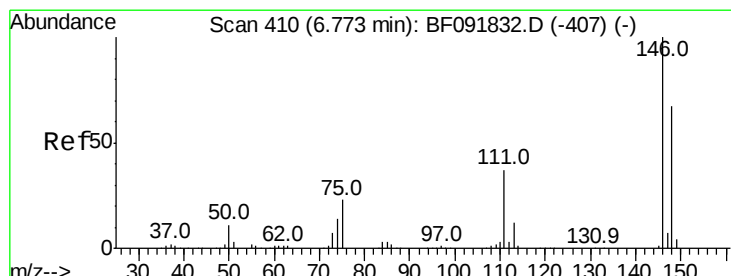
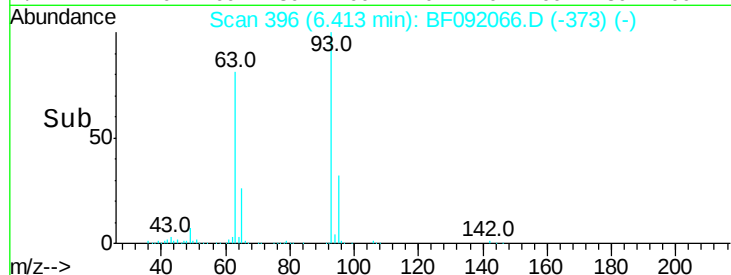
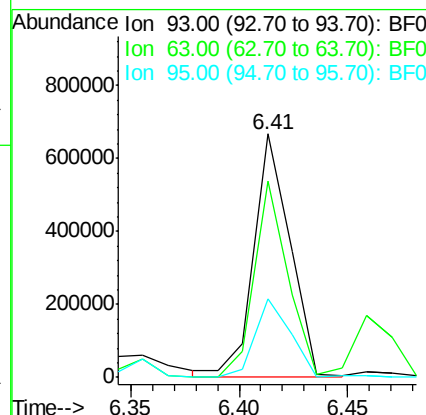
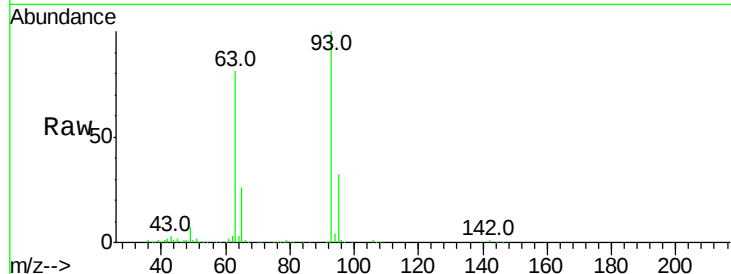
#11
bis(2-Chloroethyl)ether
Concen: 58.89 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	93	Resp	776406
Ion Ratio	100	Lower	Upper
93	100		
63	80.6	60.4	100.4
95	32.3	12.8	52.8

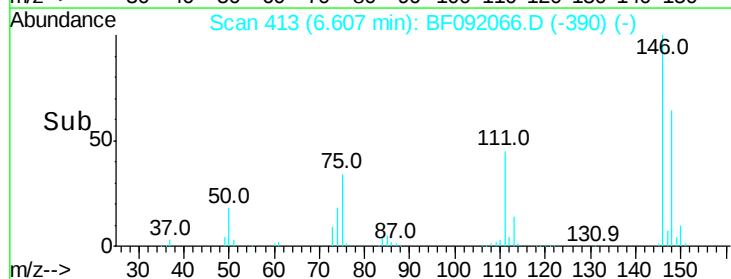
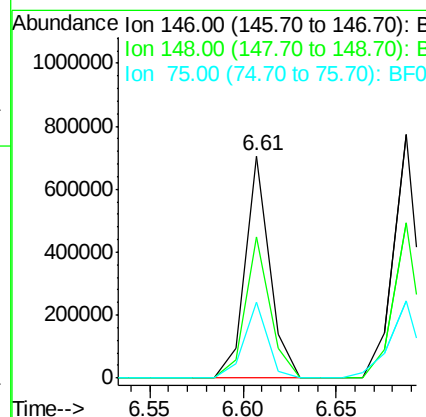
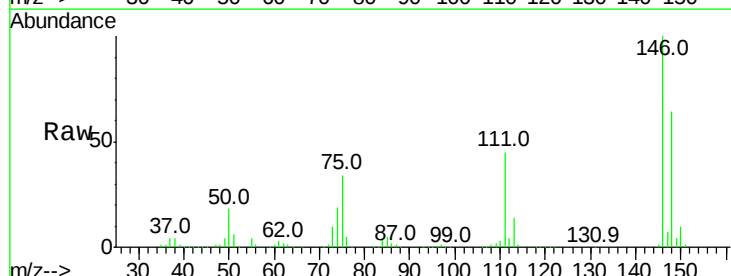
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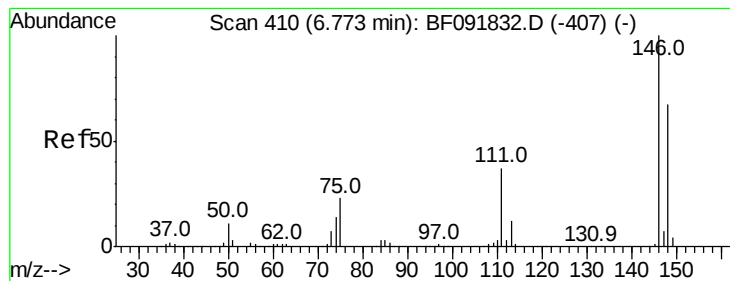
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#12
1,3-Dichlorobenzene
Concen: 44.66 ng
RT: 6.61 min Scan# 413
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	146	Resp	645848
Ion Ratio	100	Lower	Upper
146	100		
148	63.5	53.4	80.0
75	34.3	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 45.91 ng

RT: 6.69 min Scan# 420

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

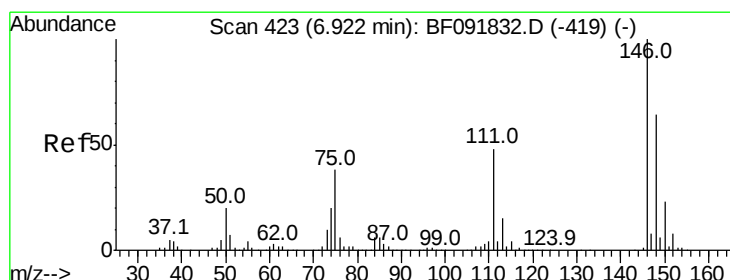
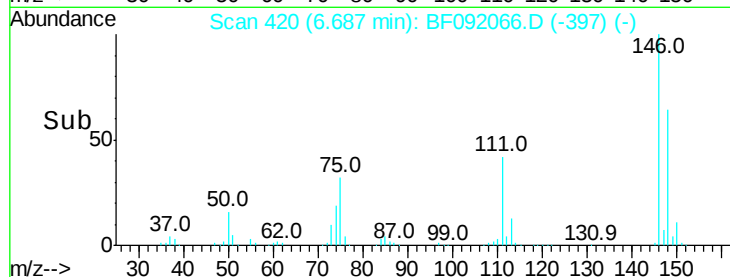
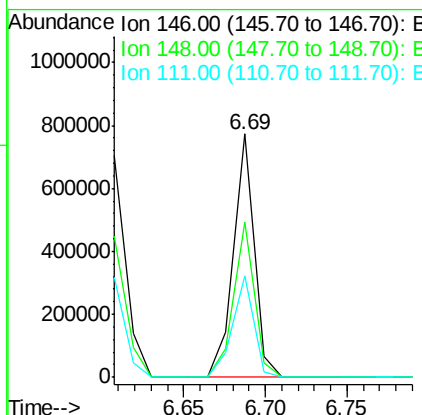
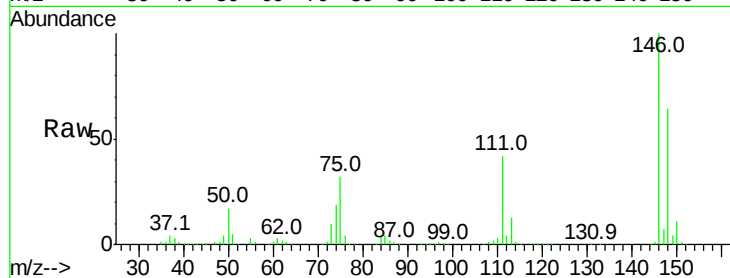
ClientSampleId :

TP9-COMP9MS

Tot Ion:	146	Resp:	675780
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	76.0
111	41.5	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.57 ng

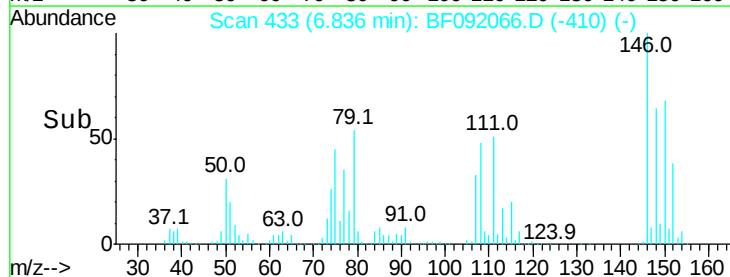
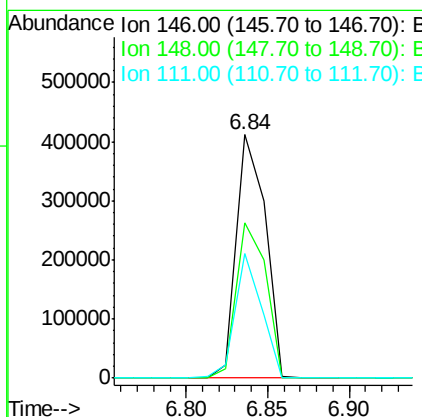
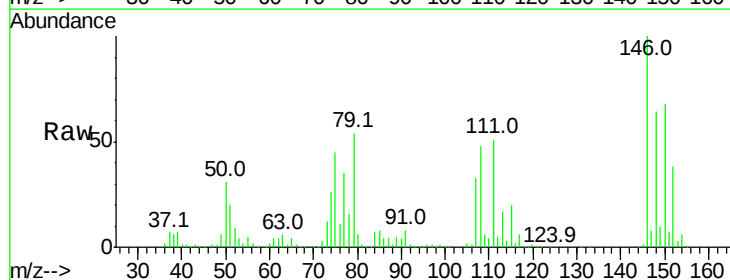
RT: 6.84 min Scan# 433

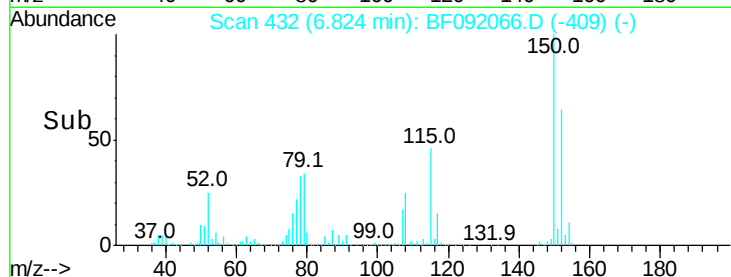
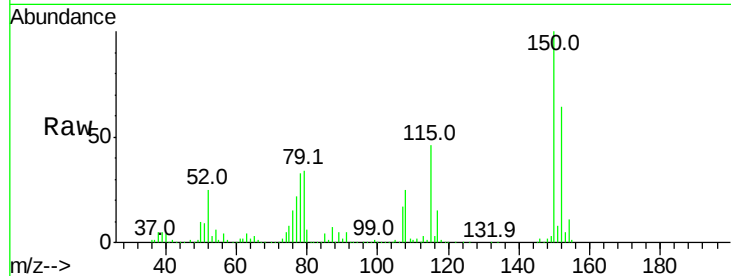
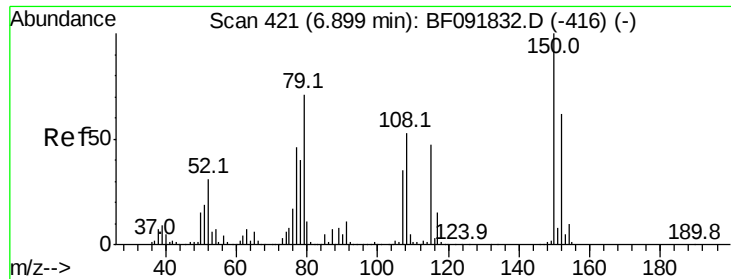
Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion:	146	Resp:	505460
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	51.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 39.49 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tot Ion	79	Resp	446208
Ion Ratio	Lower	Upper	
79	100		
108	72.1	61.4	92.0
77	65.6	50.9	76.3

Instrument :

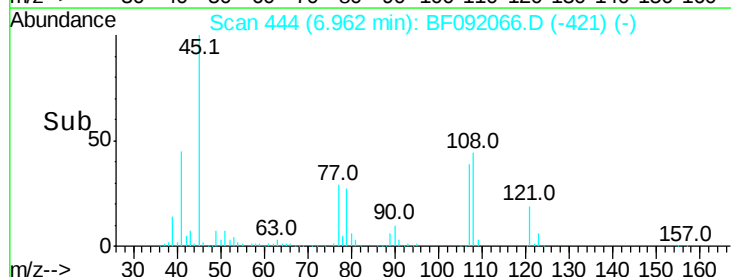
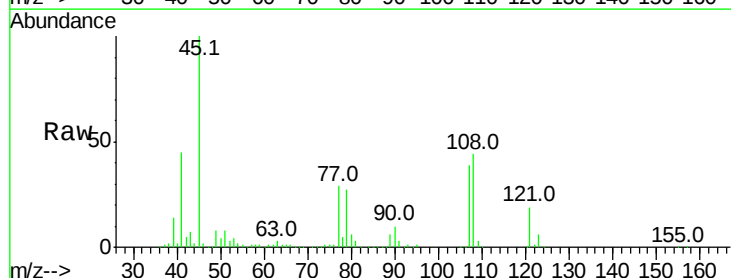
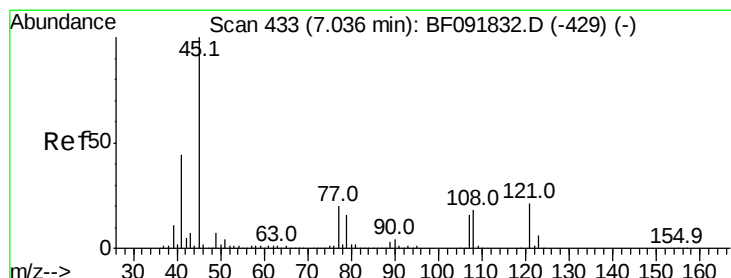
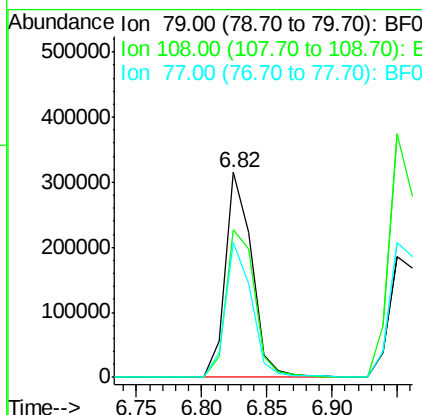
BNA_F

ClientSampled :

TP9-COMP9MS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.87 ng

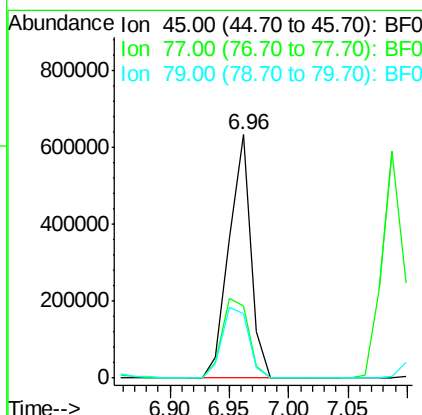
RT: 6.96 min Scan# 444

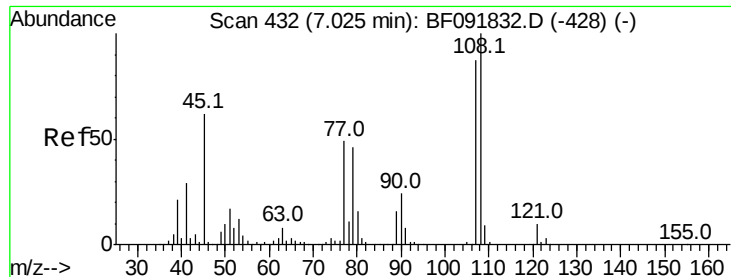
Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion	45	Resp	802380
Ion Ratio	Lower	Upper	
45	100		
77	29.4	0.0	34.6
79	26.7	0.0	31.2





#17

2-Methylphenol

Concen: 42.49 ng

RT: 6.95 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

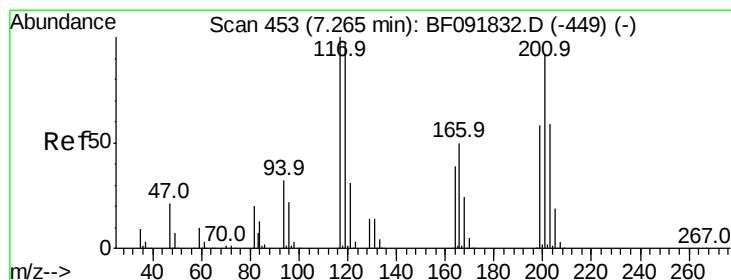
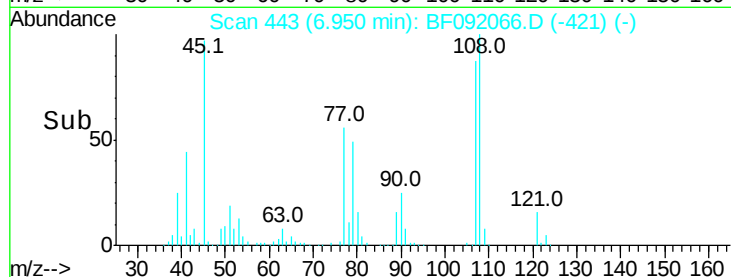
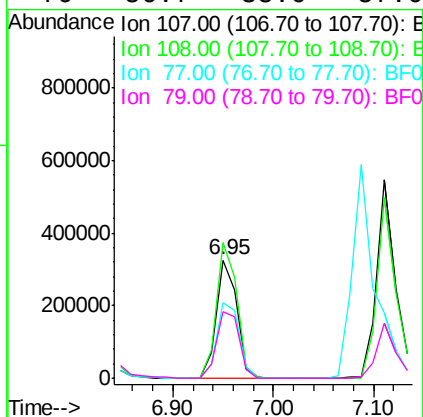
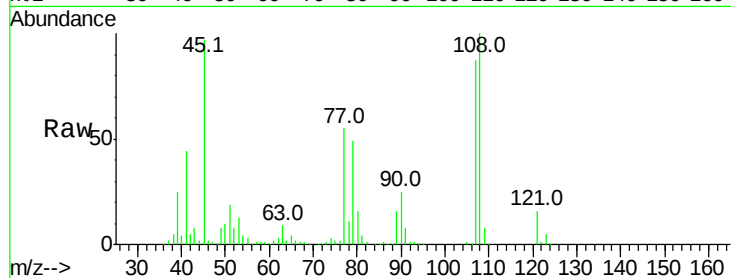
ClientSampleId :

TP9-COMP9MS

Tot Ion:	107	Resp:	462959
Ion Ratio	Lower	Upper	
107	100		
108	114.9	93.0	139.6
77	63.8	39.8	59.8
79	56.7	38.0	57.0

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#18

Hexachloroethane

Concen: 44.55 ng

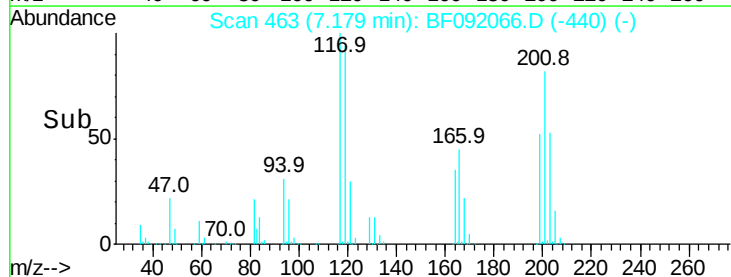
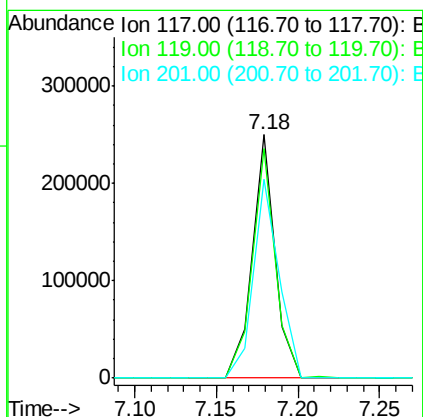
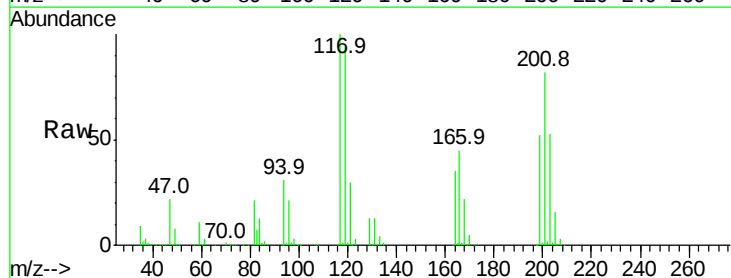
RT: 7.18 min Scan# 463

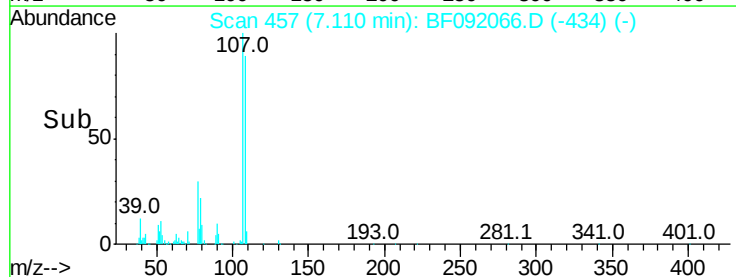
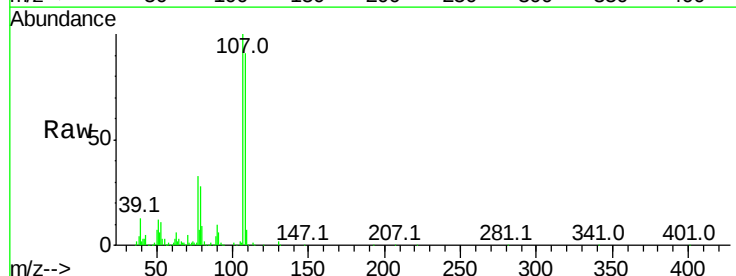
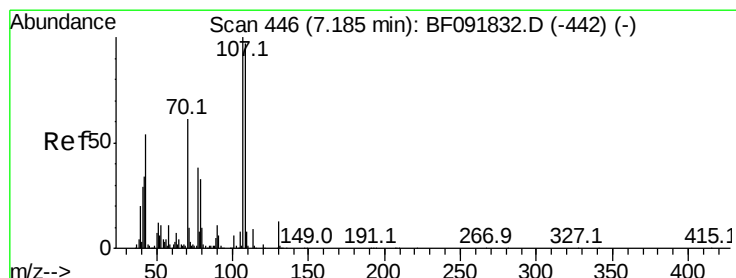
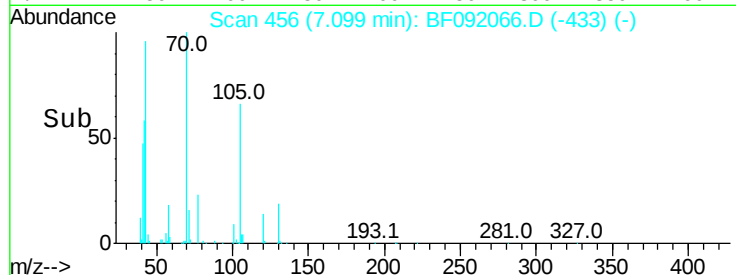
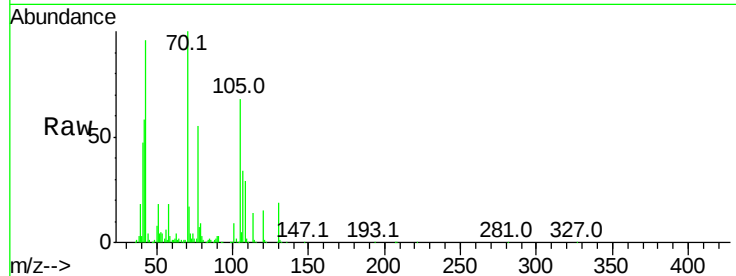
Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion:	117	Resp:	243119
Ion Ratio	Lower	Upper	
117	100		
119	94.4	78.1	117.1
201	81.8	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 50.32 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion: 70 Resp: 486800

Ion Ratio Lower Upper

70 100

42 58.1 49.4 74.0

101 9.1 7.4 11.2

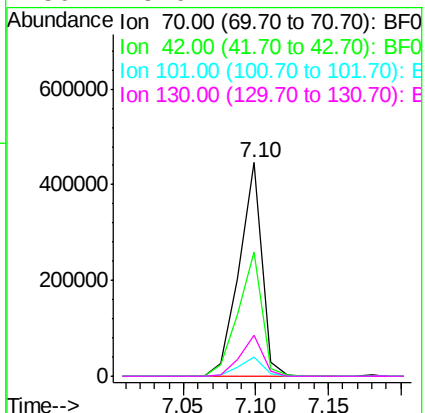
130 18.9 14.2 21.4

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#20

3+4-Methylphenols

Concen: 55.00 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion: 107 Resp: 714749

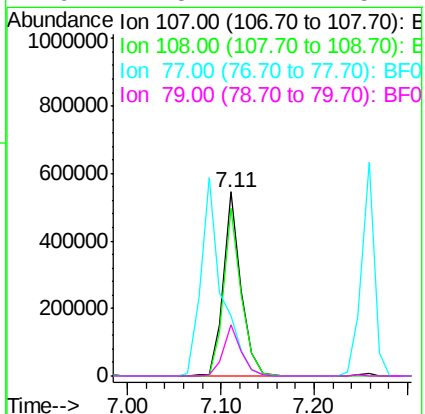
Ion Ratio Lower Upper

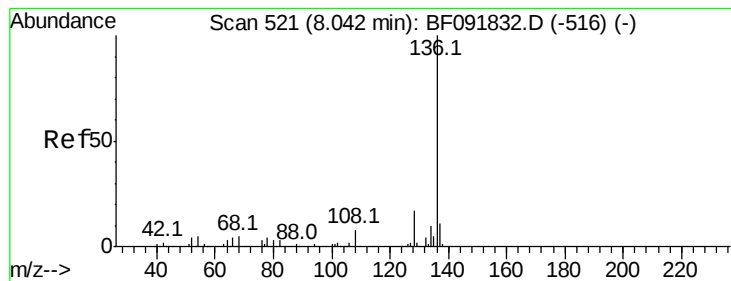
107 100

108 91.0 73.0 113.0

77 32.9 71.3 111.3#

79 27.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

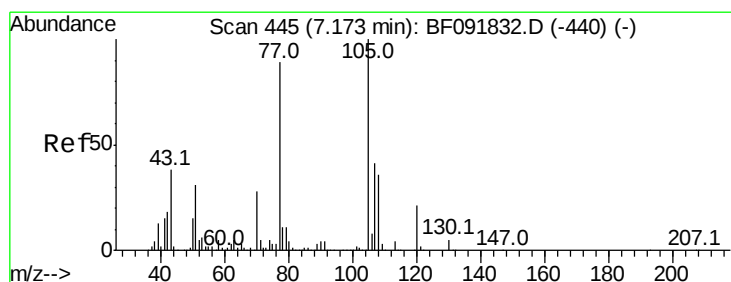
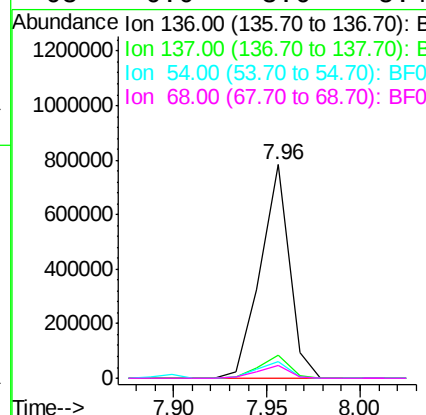
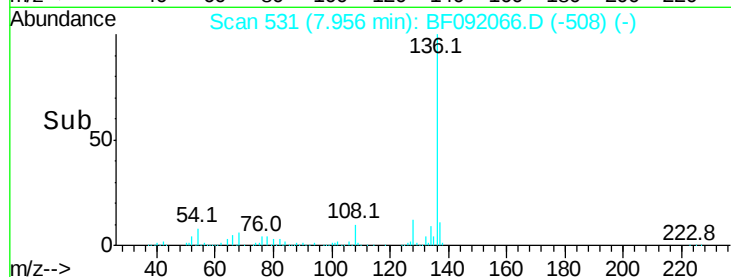
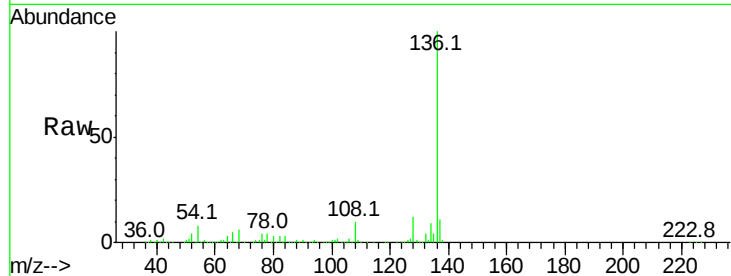
ClientSampleId :

TP9-COMP9MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	7.7	4.5	6.7#	
68	6.0	3.6	5.4#	

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#22

Acetophenone

Concen: 45.71 ng

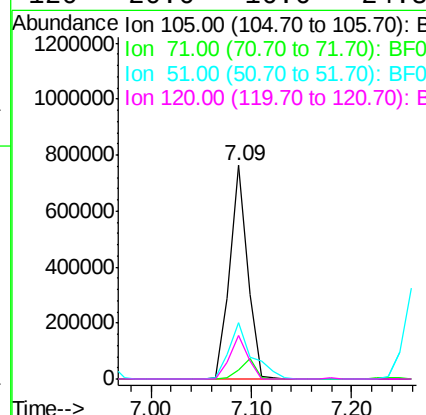
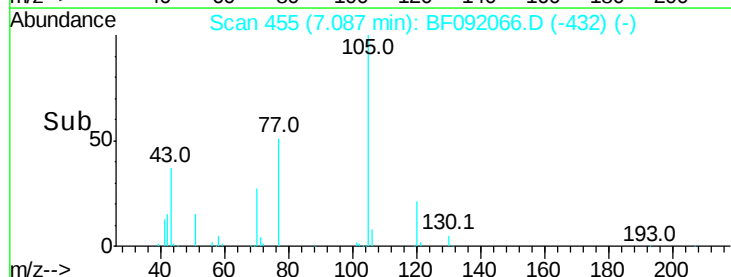
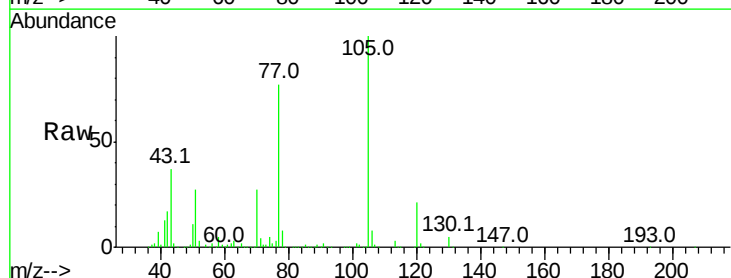
RT: 7.09 min Scan# 455

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	3.2	4.8	
51	26.6	26.2	39.4	
120	20.6	16.6	24.8	





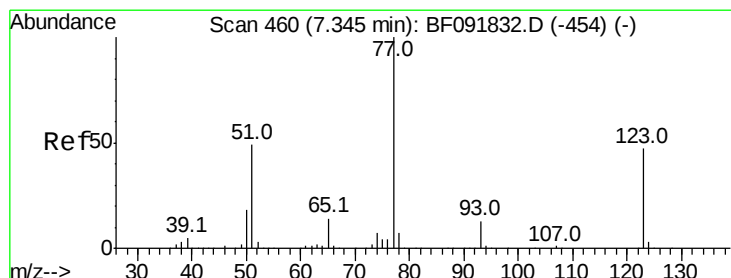
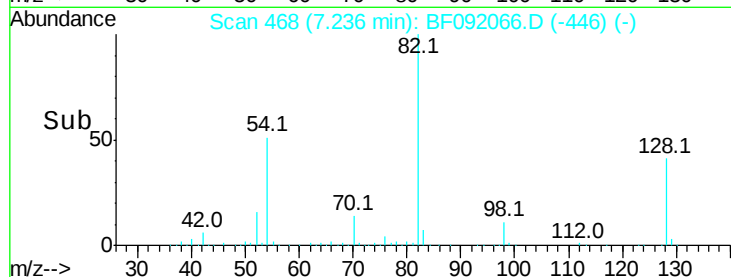
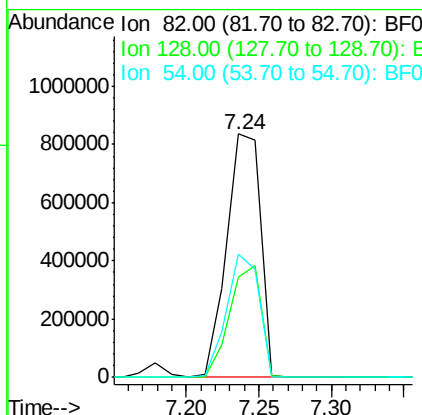
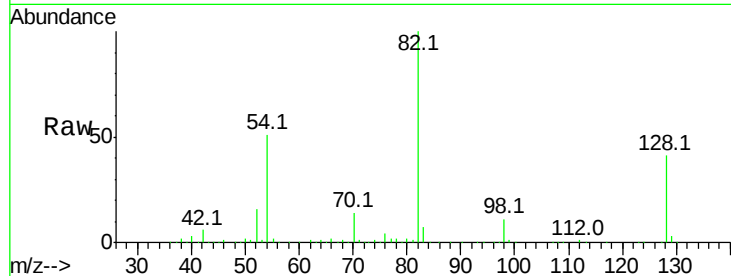
#23
 Nitrobenzene-d5
 Concen: 90.00 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	50.5	39.5	59.3

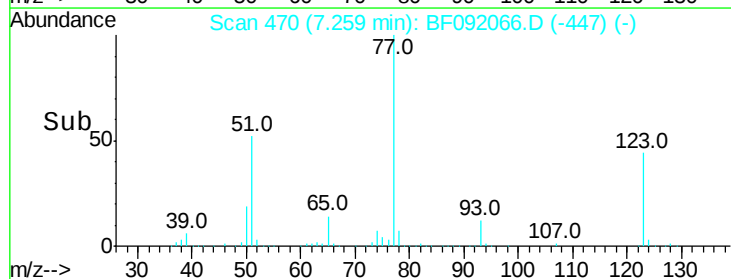
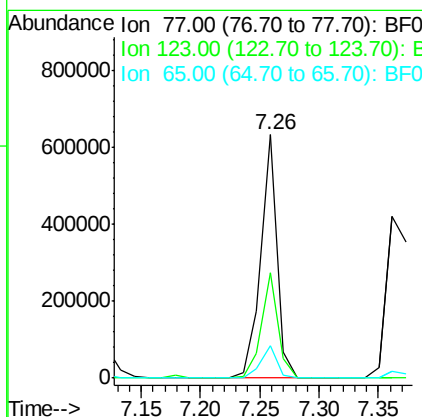
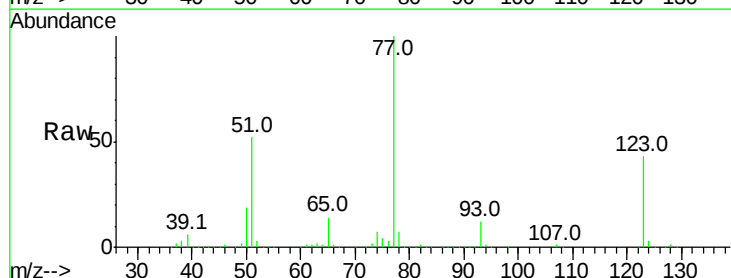
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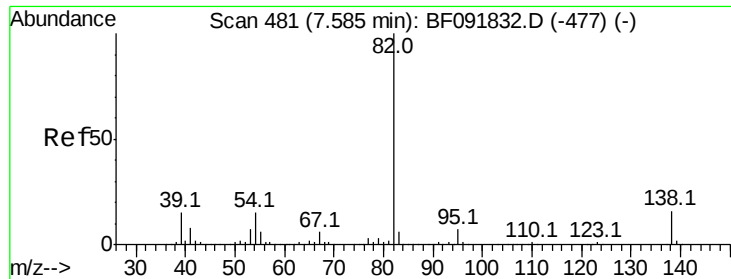
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 1/4/2017 2:05:44 PM



#24
 Nitrobenzene
 Concen: 38.02 ng
 RT: 7.26 min Scan# 470
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 49.52 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion: 82 Resp: 1375976

Ion Ratio Lower Upper

82 100

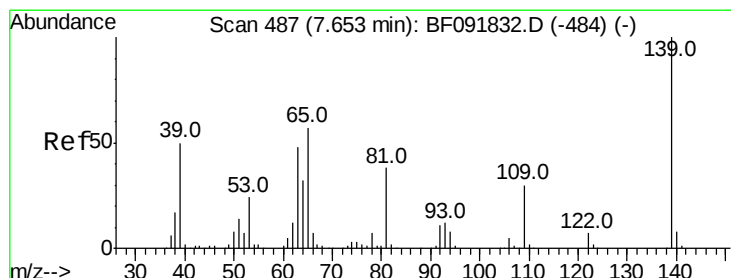
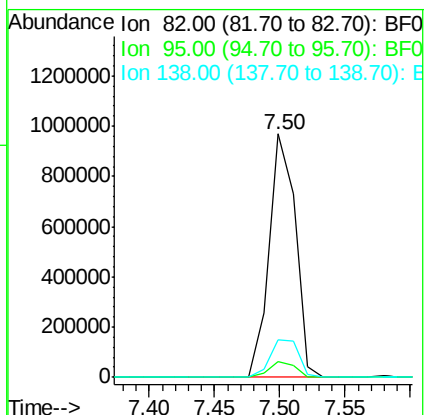
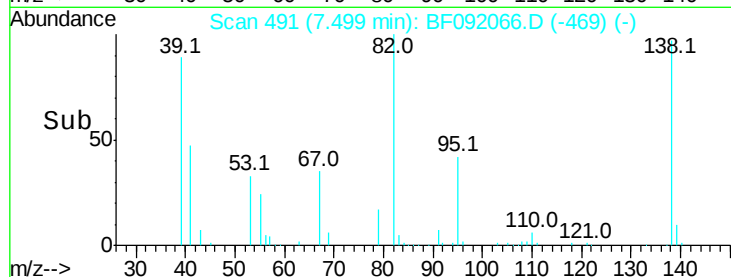
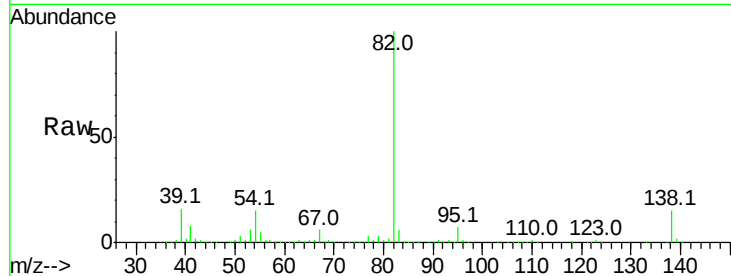
95 6.6 5.6 8.4

138 15.4 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.77 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

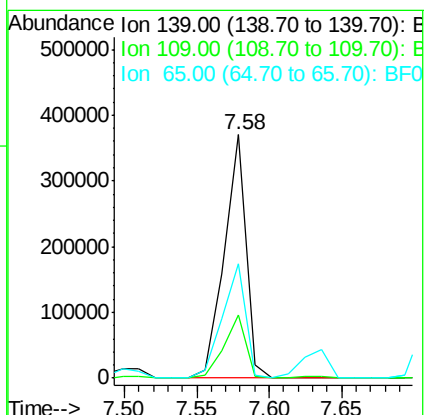
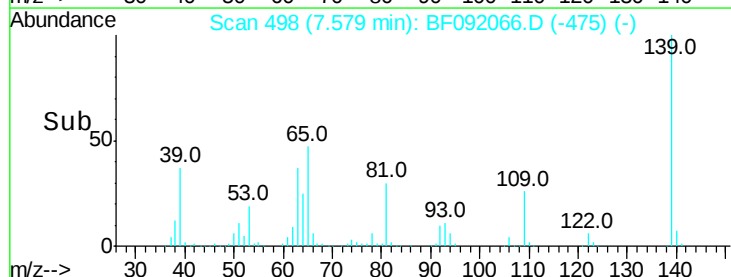
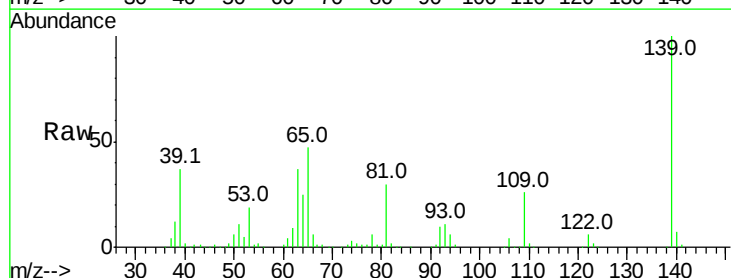
Tgt Ion:139 Resp: 385762

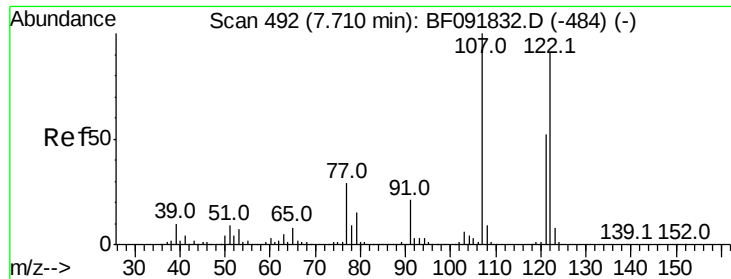
Ion Ratio Lower Upper

139 100

109 26.0 23.3 34.9

65 46.9 42.7 64.1





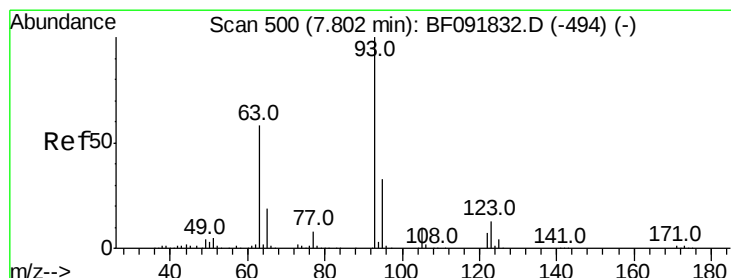
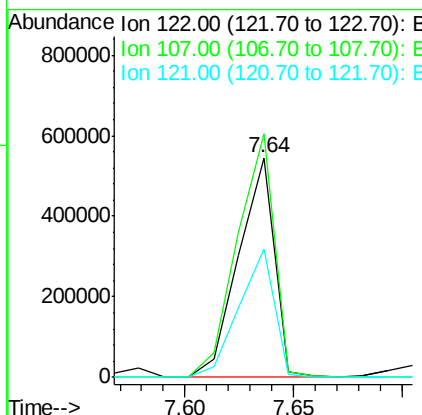
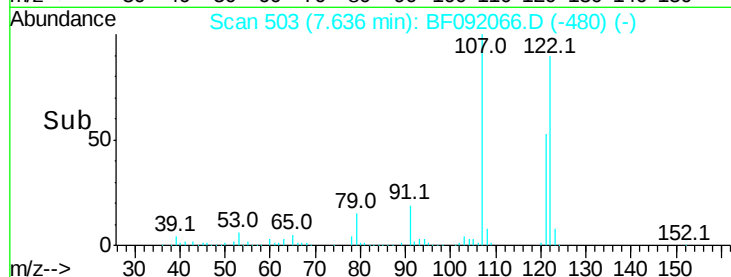
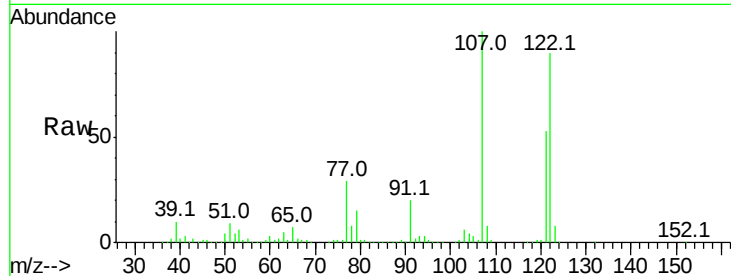
#27
2,4-Dimethylphenol
Concen: 47.69 ng
RT: 7.64 min Scan# 503
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	94.1	141.1
121	58.3	46.0	69.0

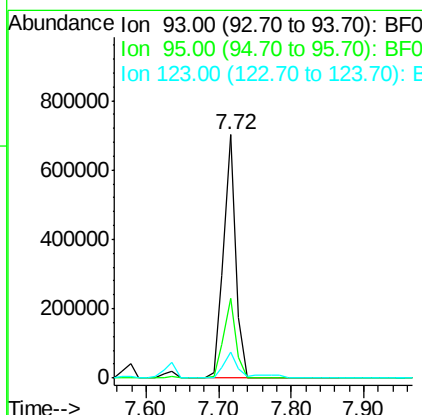
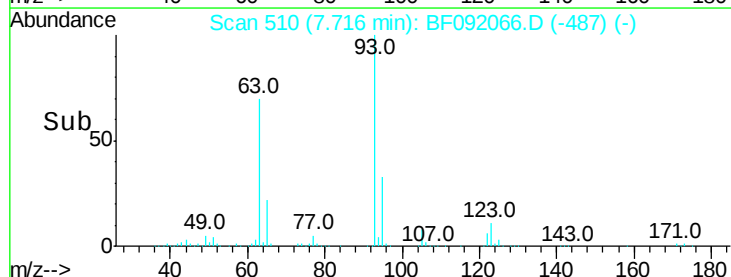
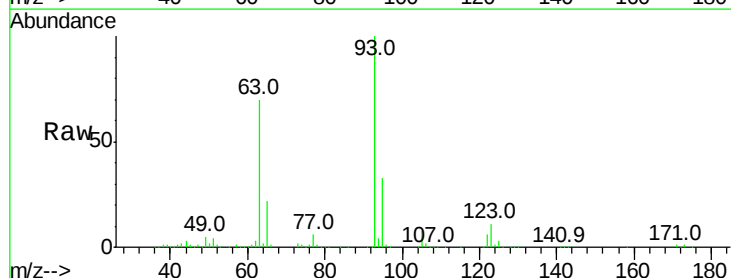
Manual Integrations
APPROVED

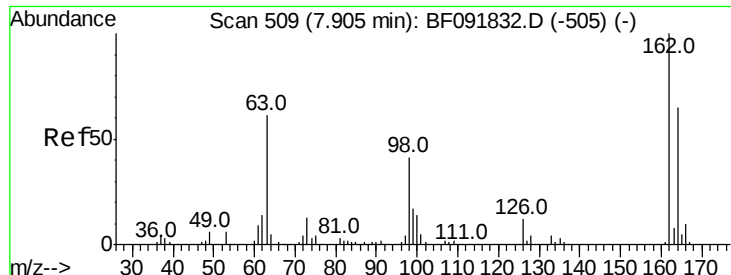
Sohil
1/4/2017 2:05:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.74 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.7	8.6	13.0





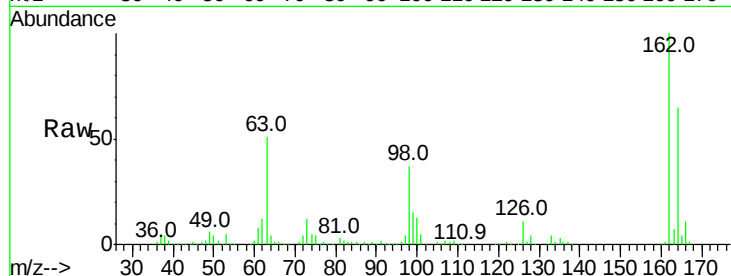
#29
 2,4-Dichlorophenol
 Concen: 51.78 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

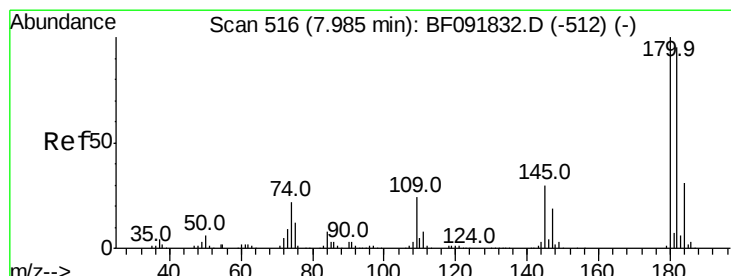
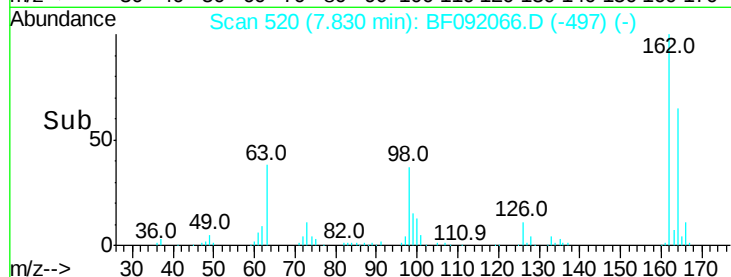
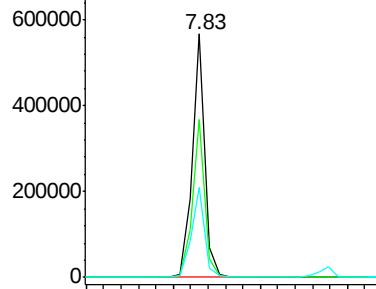
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	46.8	86.8
98	37.0	9.1	49.1

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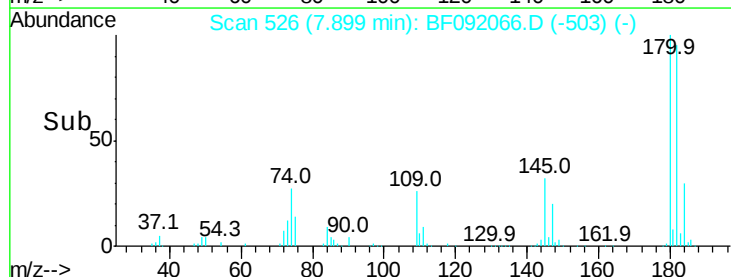
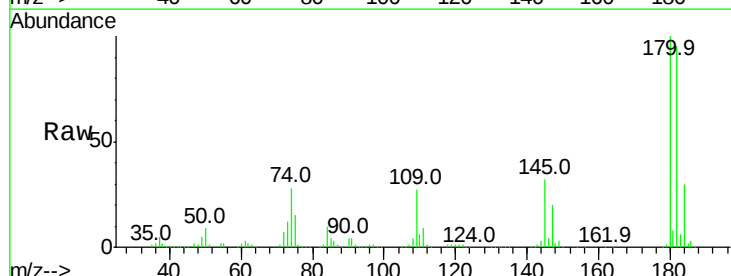
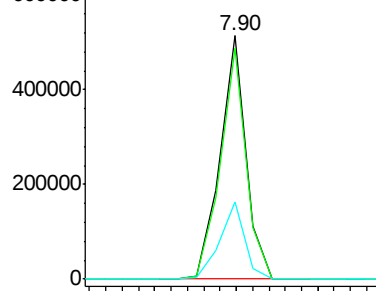
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.15 ng
 RT: 7.90 min Scan# 526
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	78.2	117.4
145	32.0	21.6	32.4

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





#31

Naphthalene

Concen: 51.12 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion:128 Resp: 1959111

Ion Ratio Lower Upper

128 100

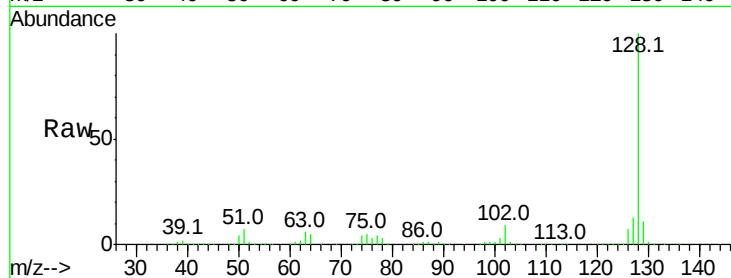
129 11.4 9.5 14.3

127 13.5 10.8 16.2

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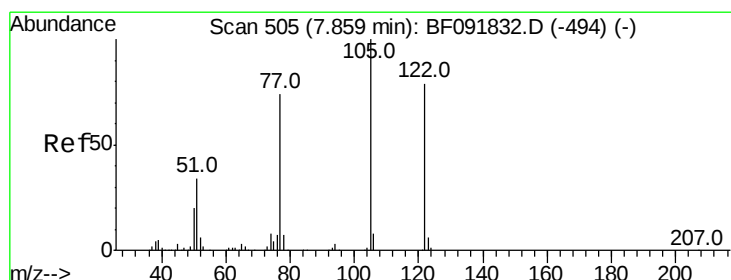
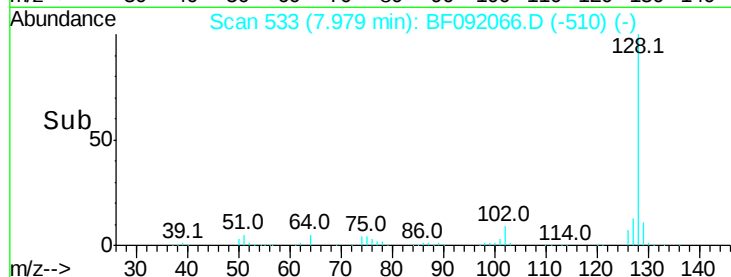
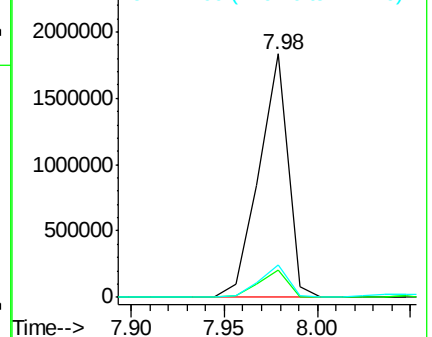
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.02 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

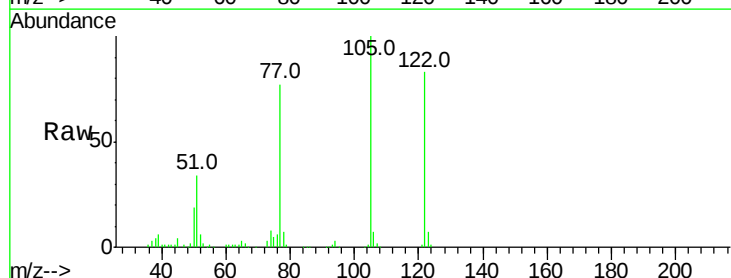
Tgt Ion:122 Resp: 438033

Ion Ratio Lower Upper

122 100

105 120.7 107.2 147.2

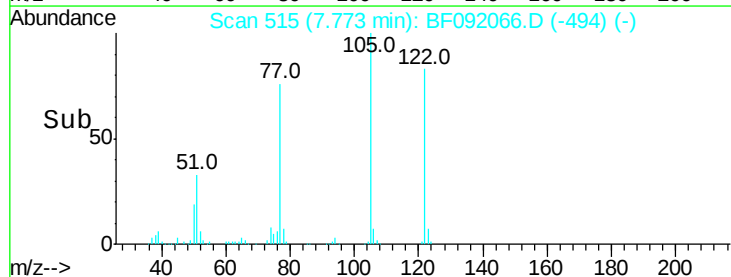
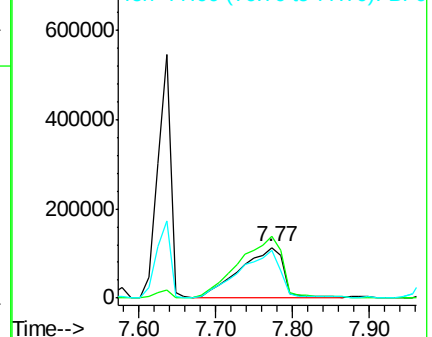
77 92.9 74.5 114.5

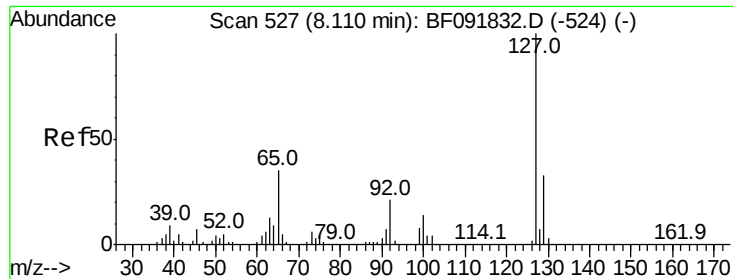


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





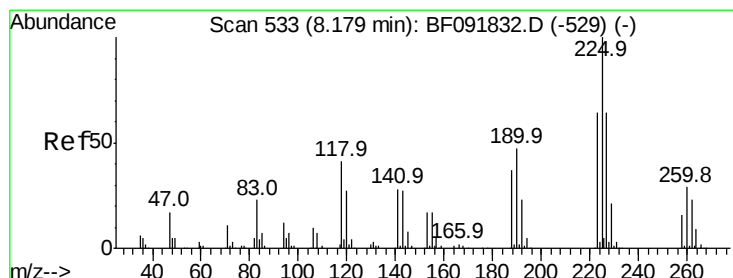
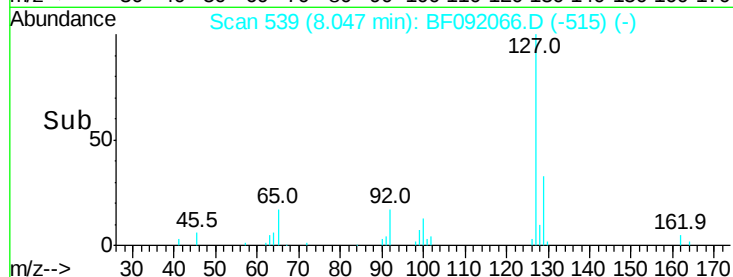
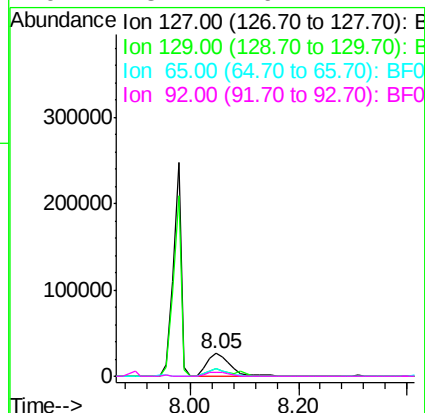
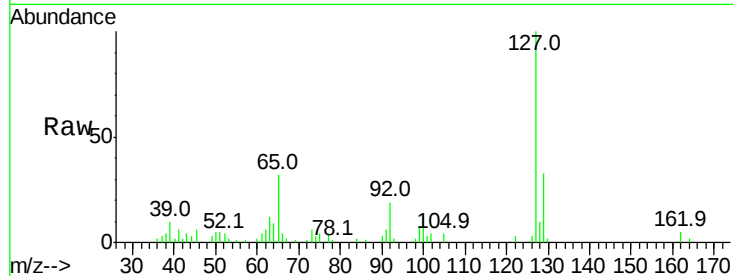
#33
4-Chloroaniline
Concen: 4.58 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion:	127	Resp:	79140
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.3	39.5
65	31.6	25.8	38.8
92	18.7	16.1	24.1

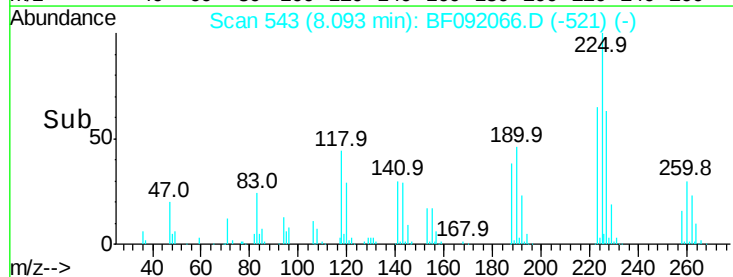
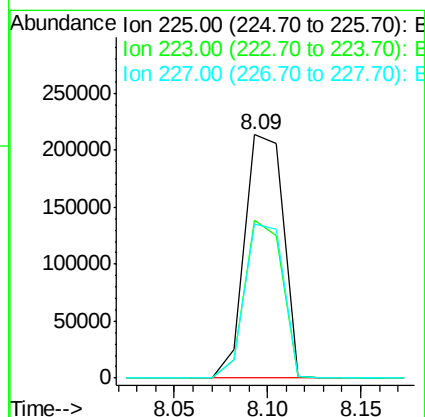
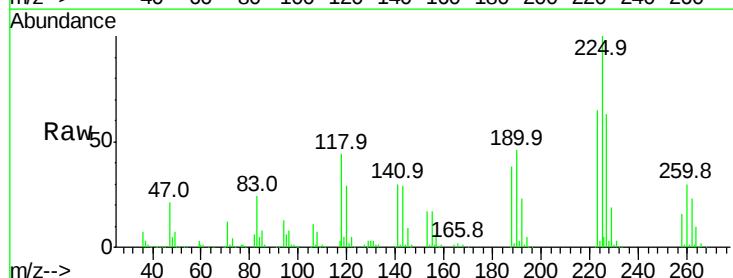
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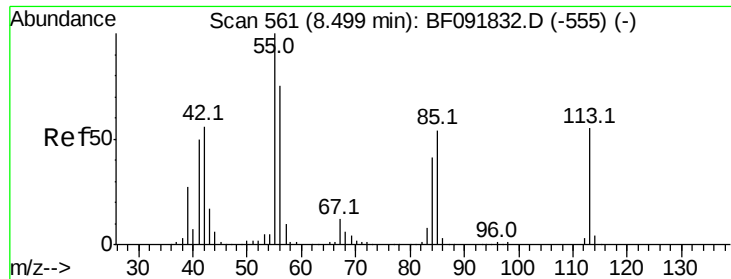
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#34
Hexachlorobutadiene
Concen: 47.58 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion:	225	Resp:	305725
Ion Ratio	Lower	Upper	
225	100		
223	64.7	51.0	76.6
227	63.0	50.6	76.0





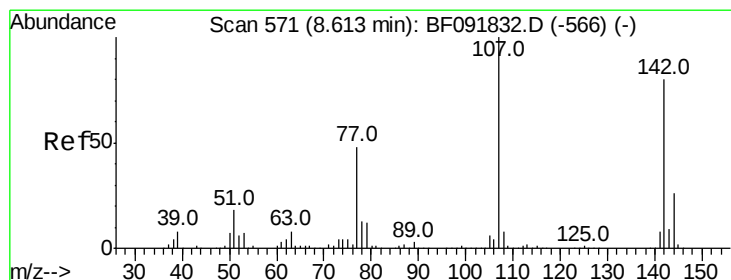
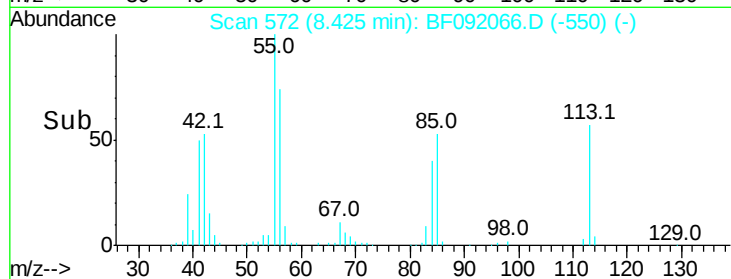
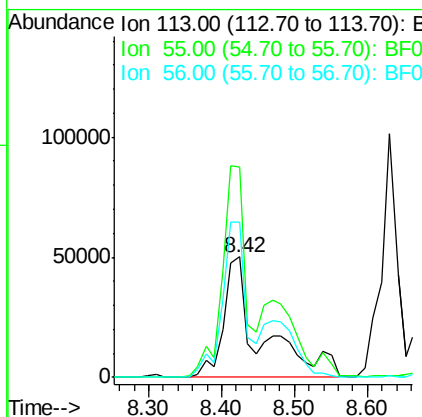
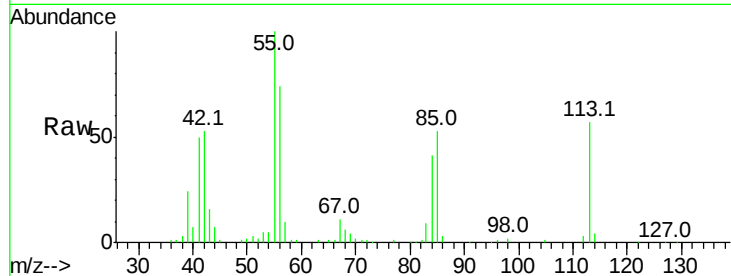
#35
Caprolactam
Concen: 48.63 ng/ml
RT: 8.42 min Scan# 572
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampled :
TP9-COMP9MS

Tot Ion:113 Resp: 177546
Ion Ratio Lower Upper
113 100
55 174.2 119.2 159.2#
56 128.7 83.8 123.8#

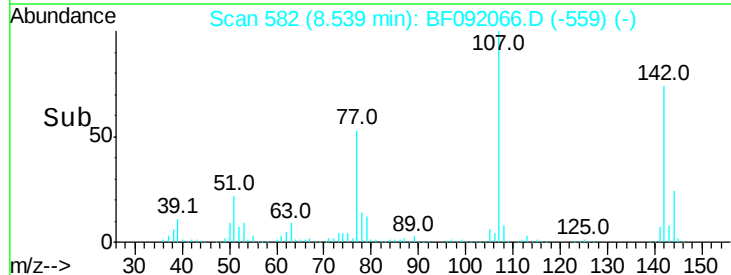
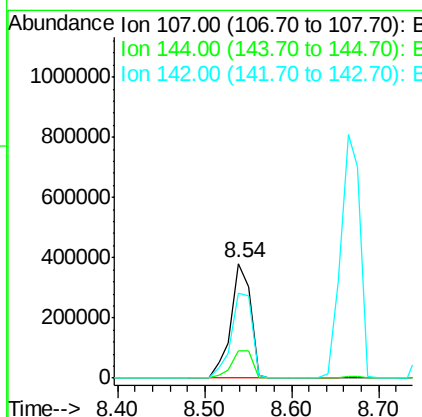
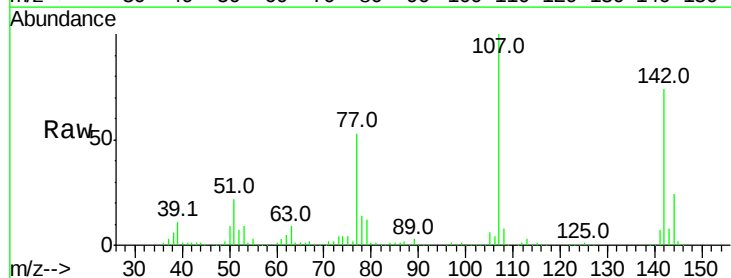
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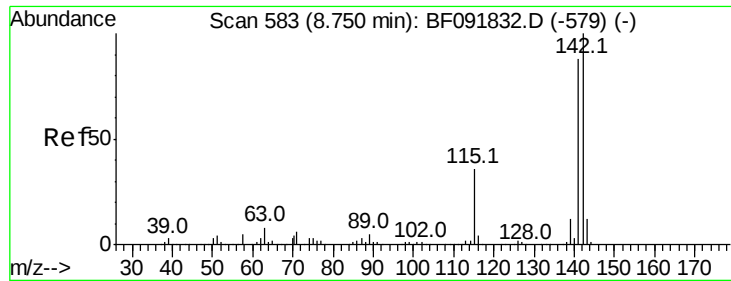
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#36
4-Chloro-3-methylphenol
Concen: 46.62 ng/ml
RT: 8.54 min Scan# 582
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion:107 Resp: 595908
Ion Ratio Lower Upper
107 100
144 23.6 19.3 28.9
142 73.7 59.0 88.6





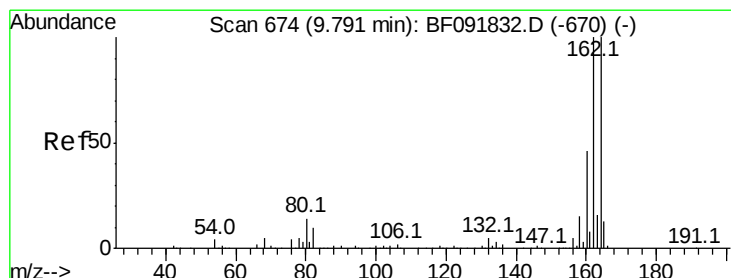
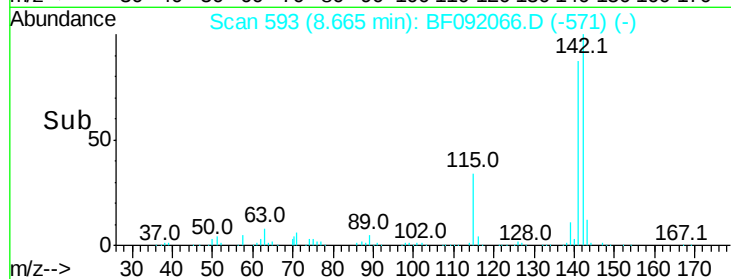
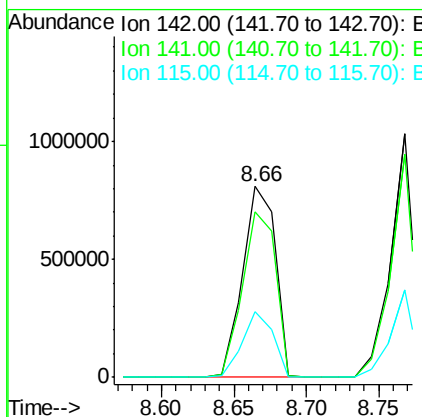
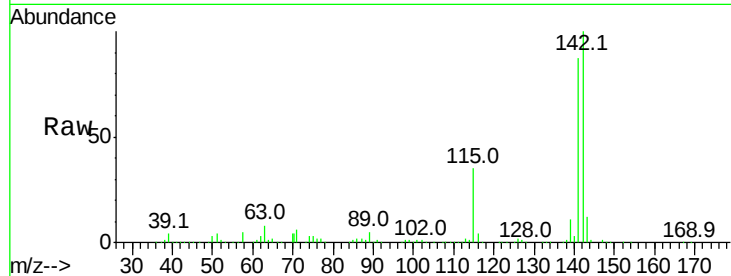
#37
2-Methylnaphthalene
Concen: 65.03 ng
RT: 8.66 min Scan# 593
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion:142 Resp: 1269842
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.6
115 34.5 28.3 42.5

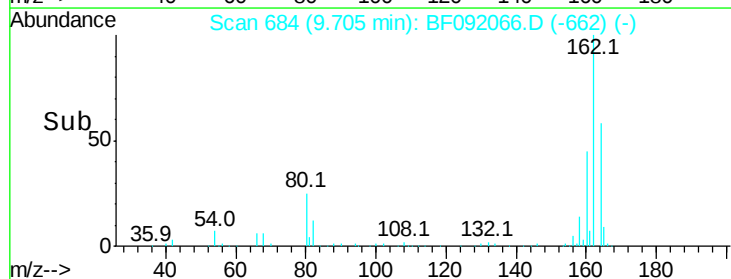
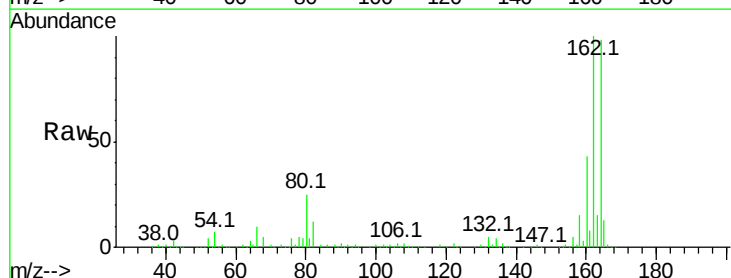
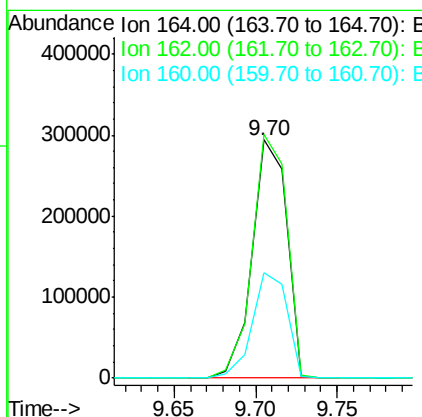
Manual Integrations
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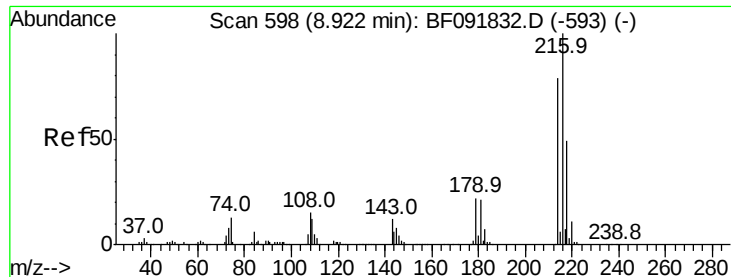
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion:164 Resp: 433320
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 44.2 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.31 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

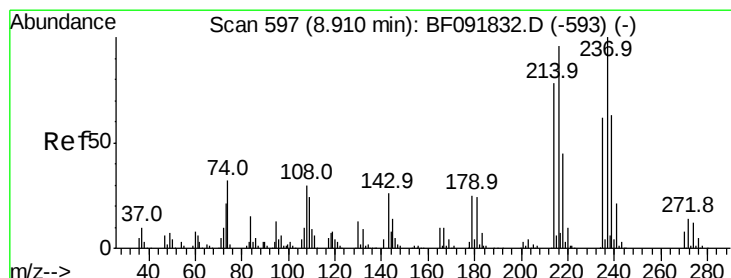
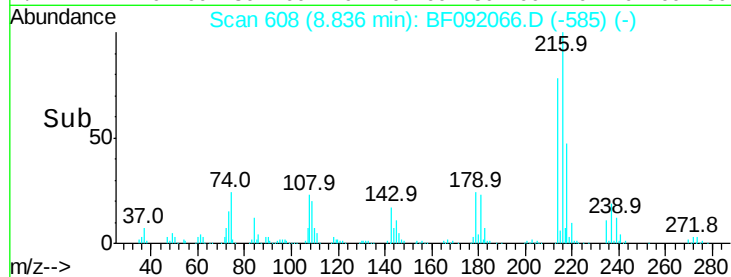
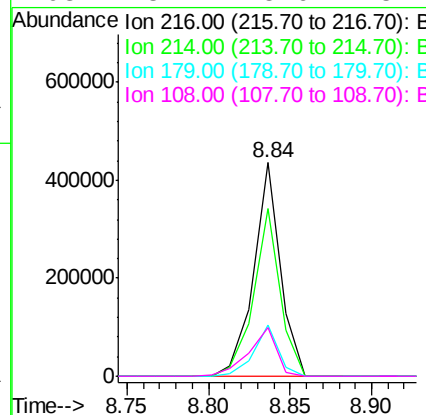
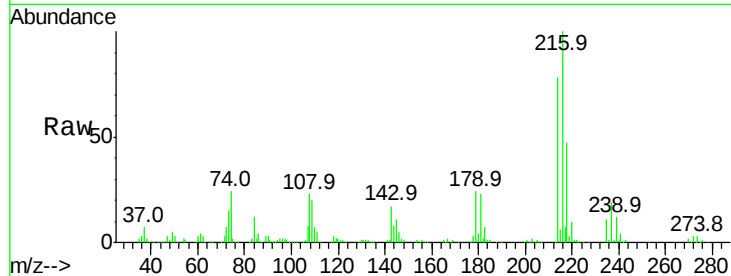
ClientSampleId :

TP9-COMP9MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	496014		
214	77.7	63.4	95.0	
179	22.4	17.4	26.2	
108	23.7	15.6	23.4	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 94.14 ng

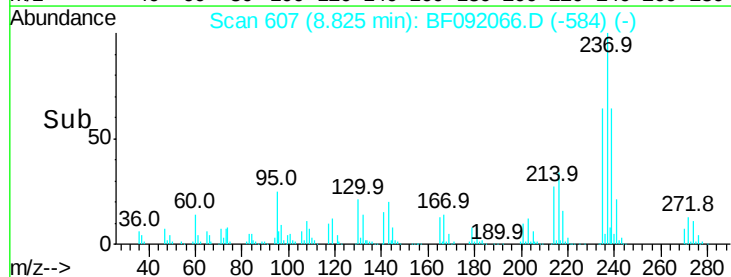
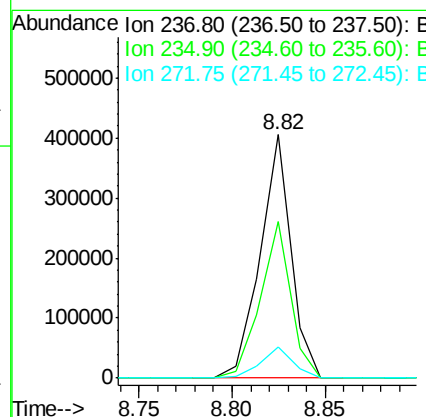
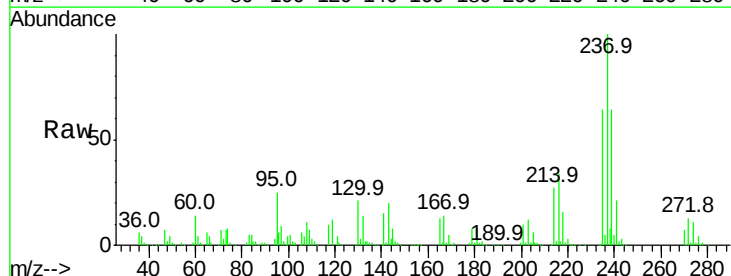
RT: 8.82 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	462613		
235	64.3	41.2	81.2	
272	12.9	0.0	35.4	





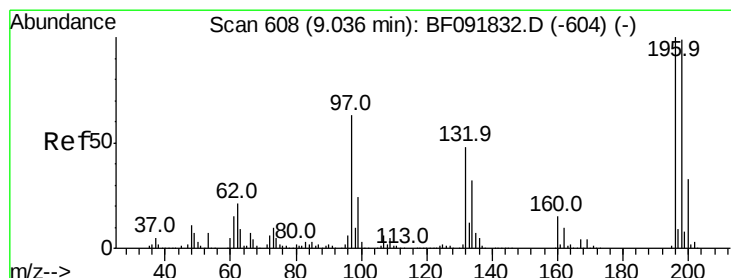
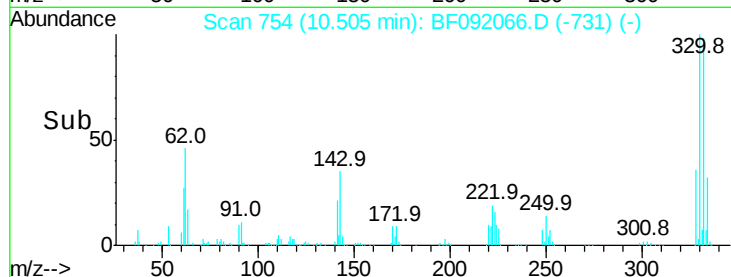
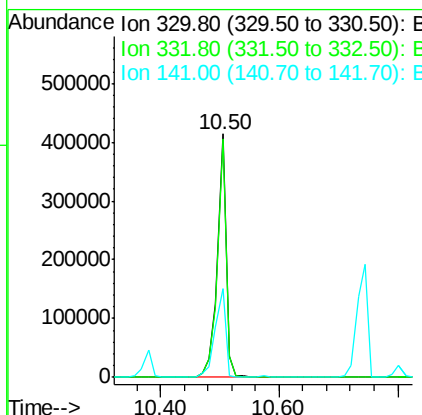
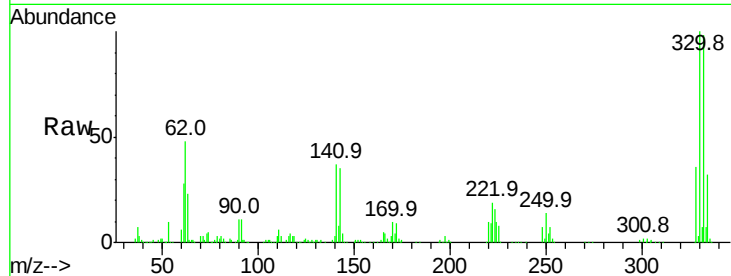
#41
 2,4,6-Tribromophenol
 Concen: 119.33 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	42.4	34.1	51.1

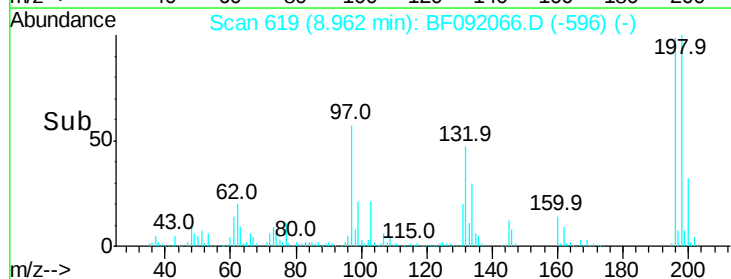
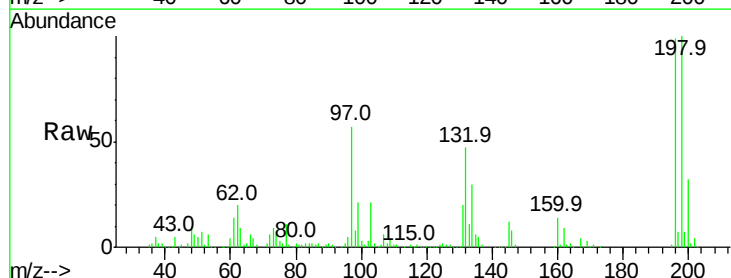
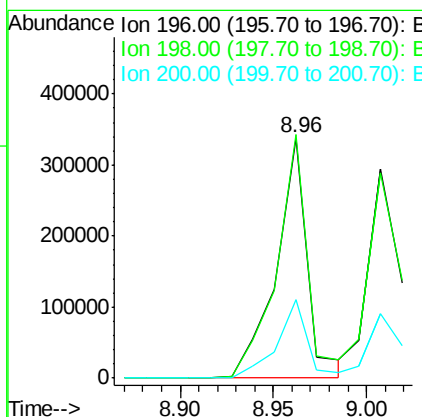
Manual Integrations
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 1/4/2017 2:05:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 51.60 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	82.1	123.1
200	32.5	27.0	40.4





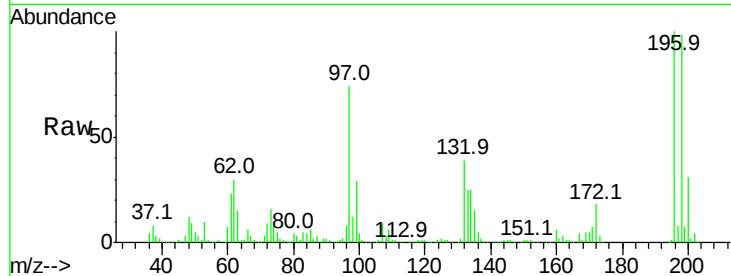
#43
 2,4,5-Trichlorophenol
 Concen: 42.64 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tot Ion	196	Resp	335958
Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.4	119.2
97	74.0	51.5	77.3
132	38.5	27.4	41.2

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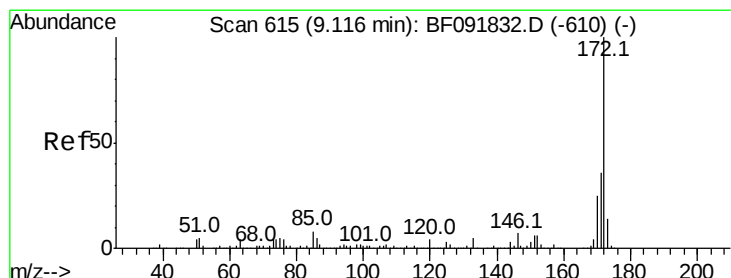
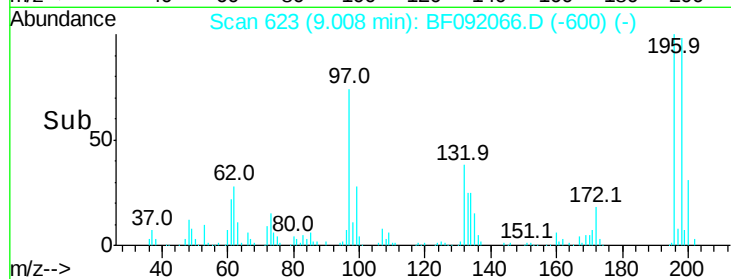
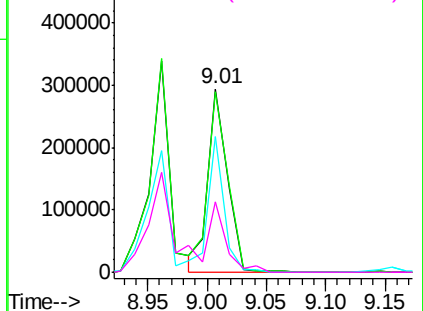
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 121.54 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

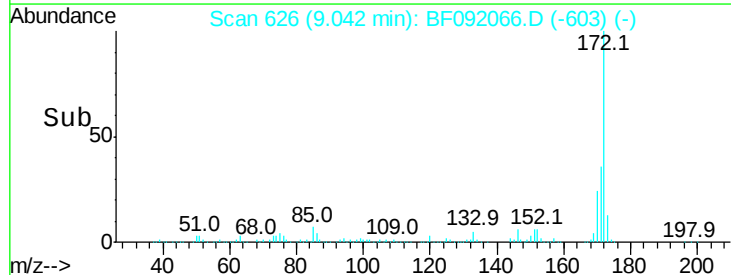
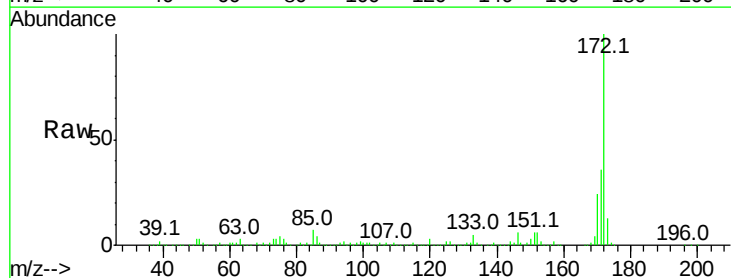
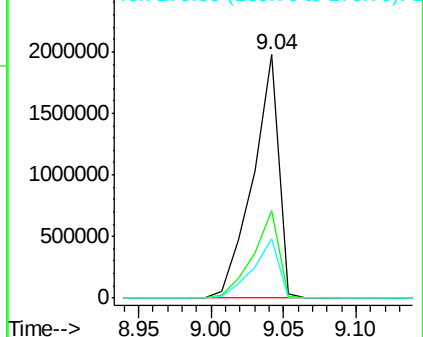
Tgt Ion	172	Resp	2453090
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	20.2	30.4

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





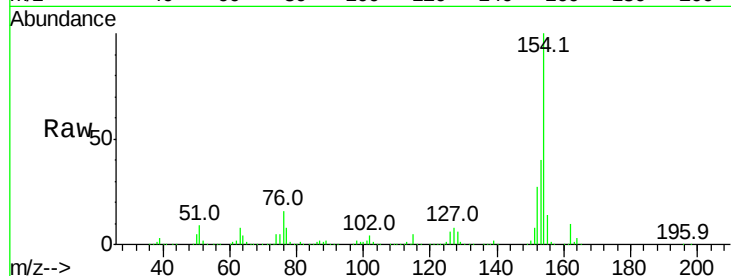
#45
1,1'-Biphenyl
Concen: 49.11 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

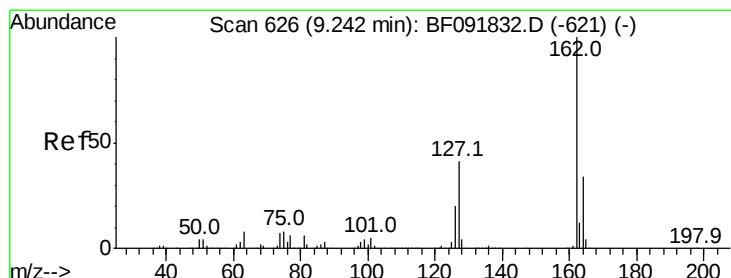
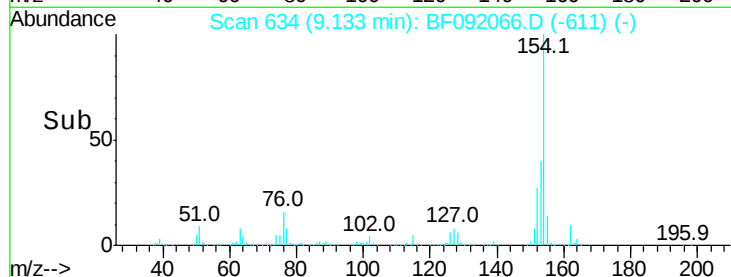
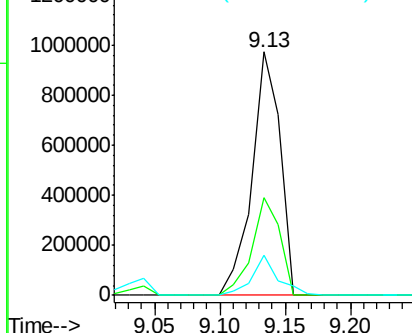
Tot Ion:154 Resp: 1457019
Ion Ratio Lower Upper
154 100
153 40.2 20.9 60.9
76 16.2 0.0 30.5

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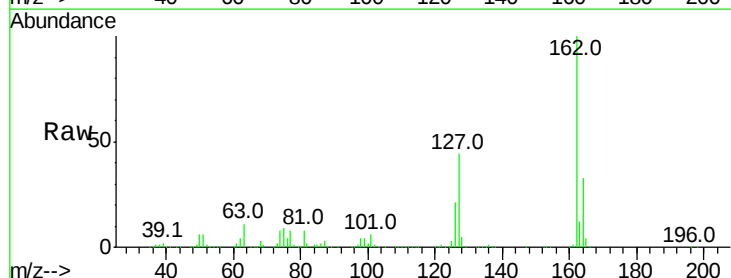


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

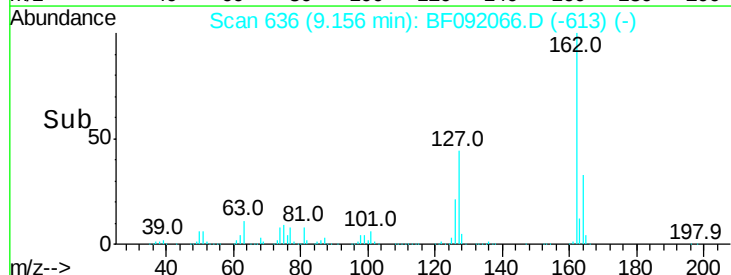
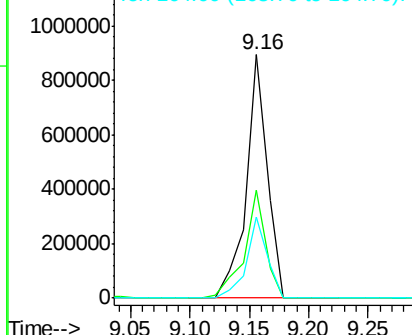


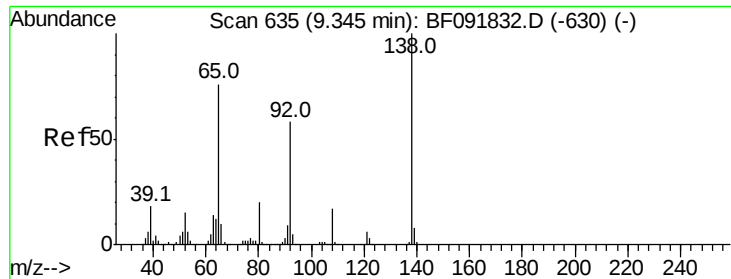
#46
2-Chloronaphthalene
Concen: 46.88 ng
RT: 9.16 min Scan# 636
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion:162 Resp: 1101427
Ion Ratio Lower Upper
162 100
127 44.1 30.7 46.1
164 33.2 27.6 41.4



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





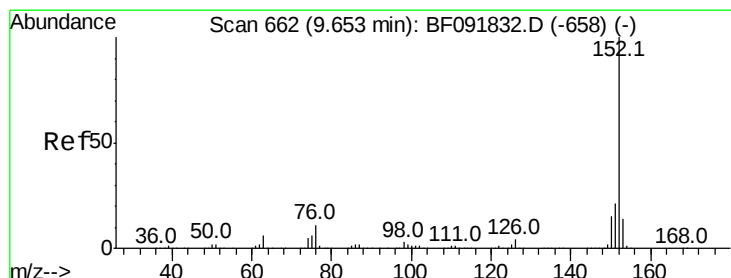
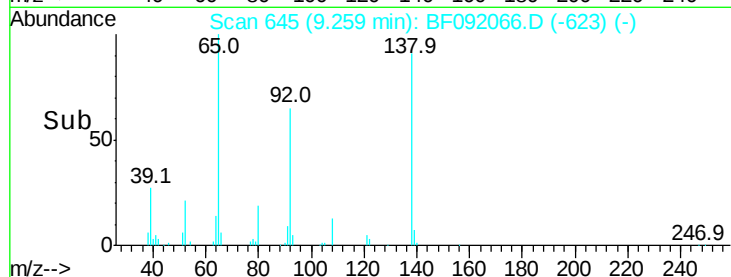
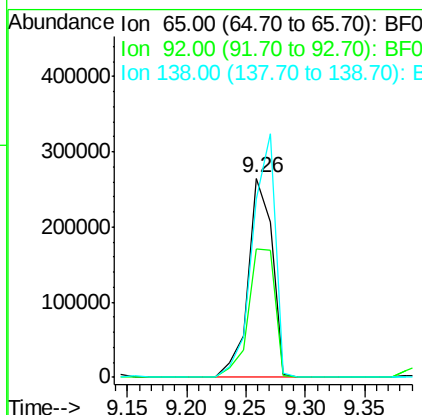
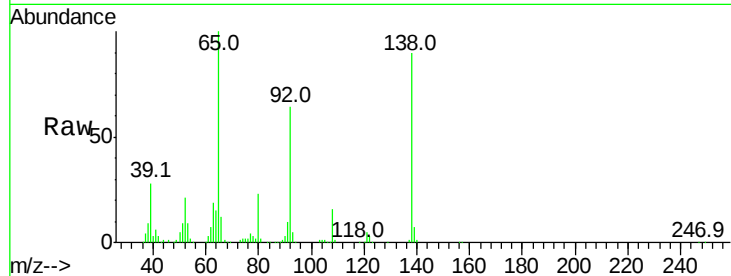
#47
2-Nitroaniline
Concen: 45.26 ng
RT: 9.26 min Scan# 645
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.9	80.9
138	89.7	76.8	115.2

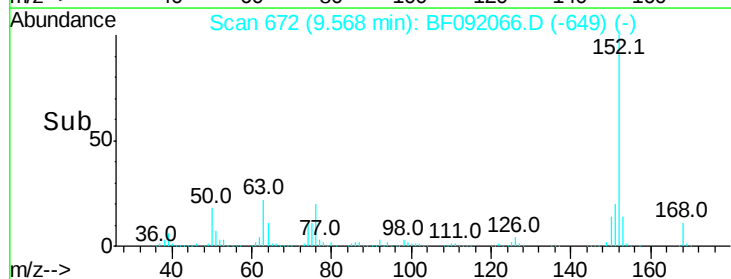
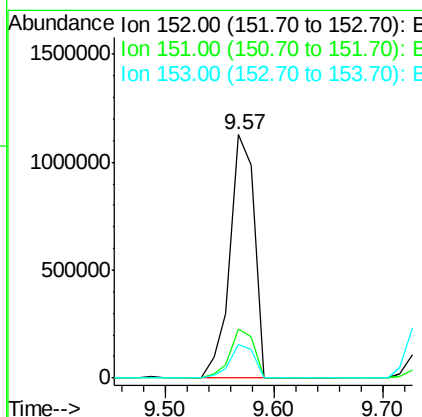
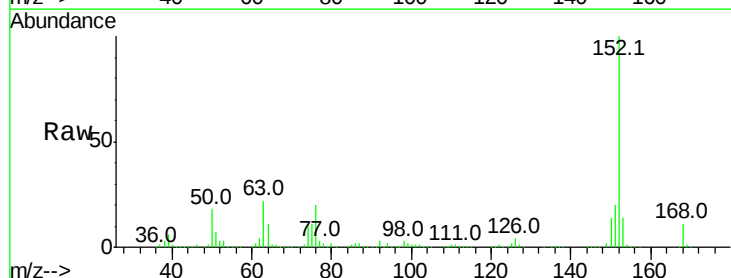
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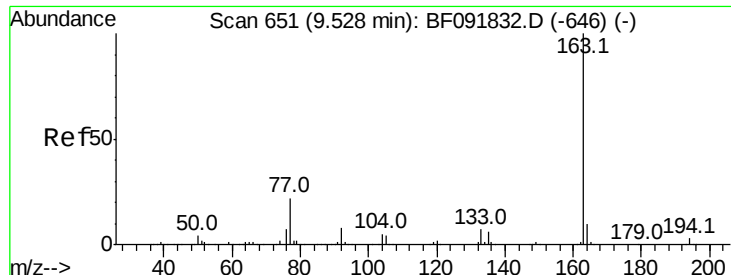
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#48
Acenaphthylene
Concen: 47.81 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	14.1	11.4	17.2





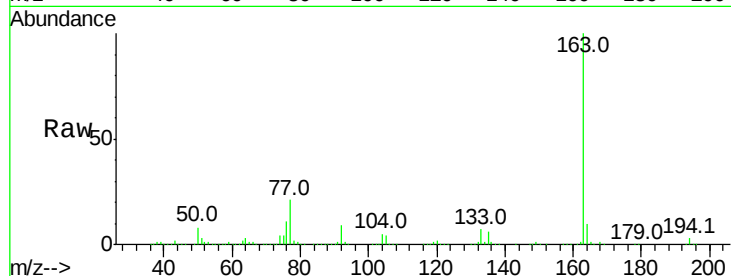
#49
Dimethylphthalate
Concen: 51.57 ng
RT: 9.45 min Scan# 662
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

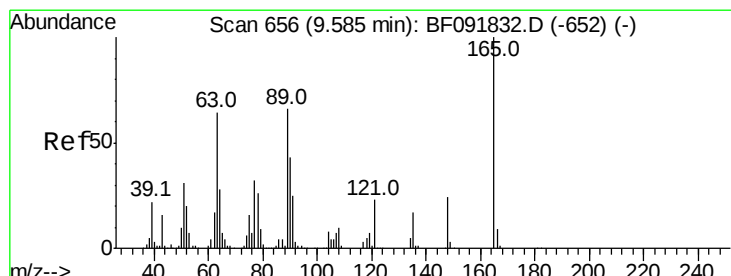
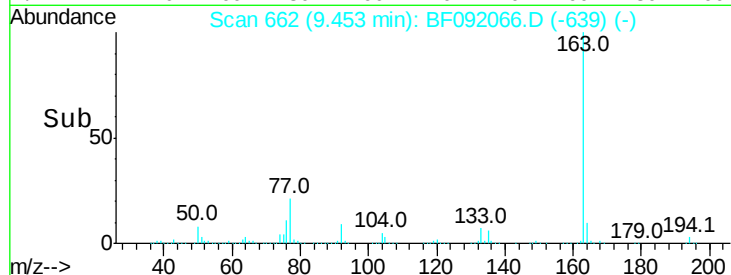
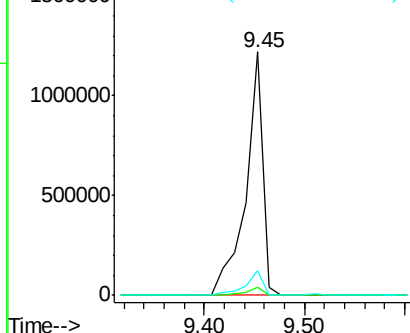
Tot Ion:163 Resp: 1429358
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.3 8.0 12.0

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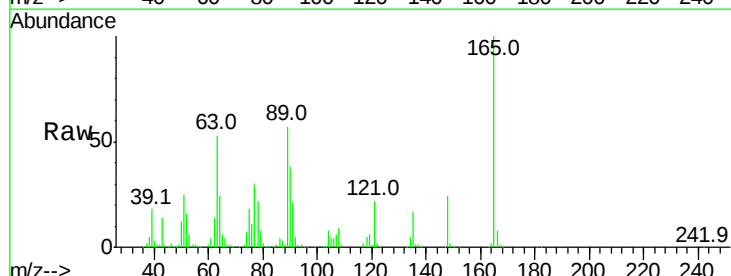


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

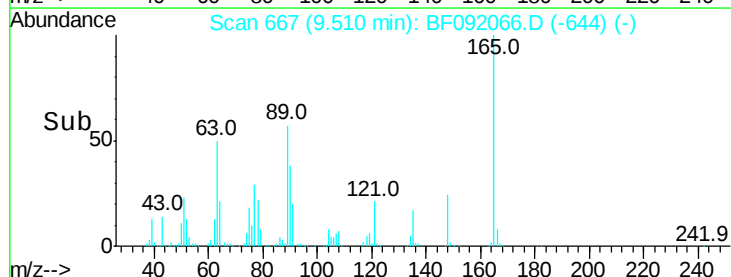
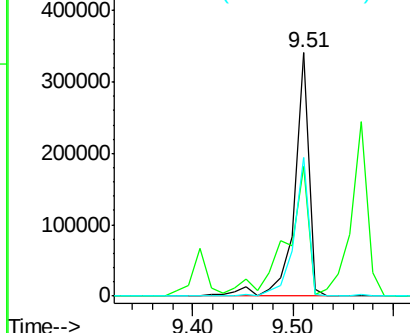


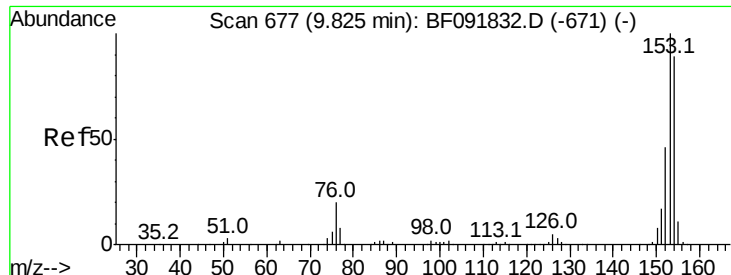
#50
2,6-Dinitrotoluene
Concen: 55.60 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion:165 Resp: 337266
Ion Ratio Lower Upper
165 100
63 53.5 36.2 54.4
89 56.7 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.73 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion:154 Resp: 1095854

Ion Ratio Lower Upper

154 100

153 111.3 88.6 133.0

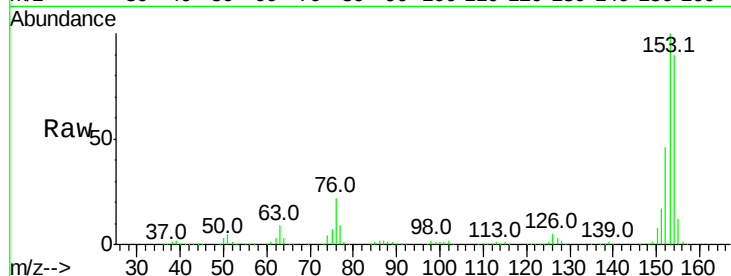
152 51.5 41.6 62.4

Manual Integrations

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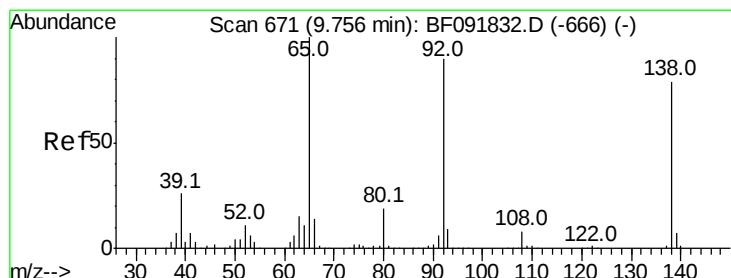
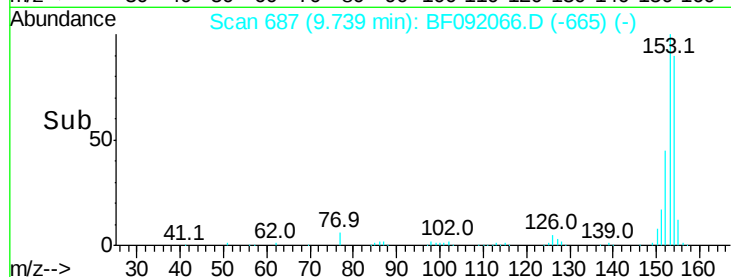
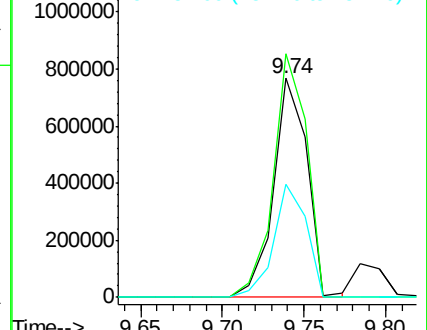
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.17 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

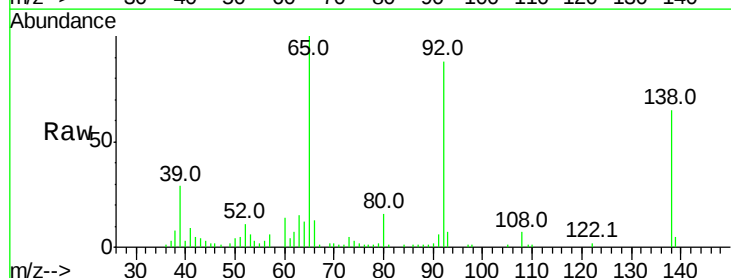
Tgt Ion:138 Resp: 46298

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

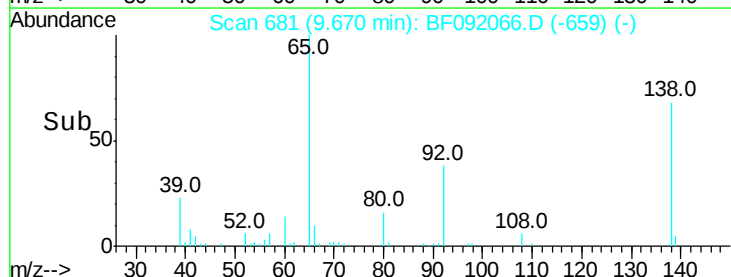
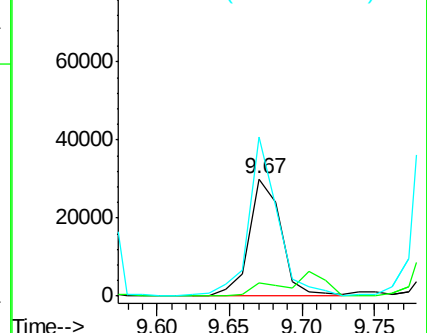
92 135.9 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





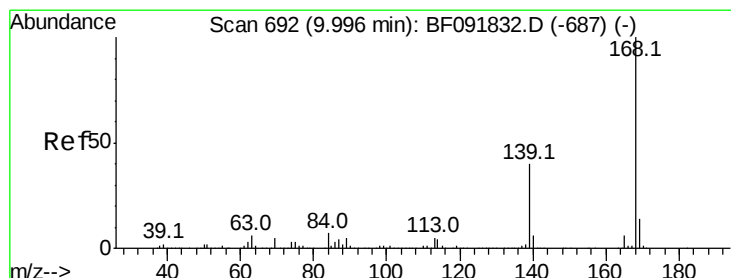
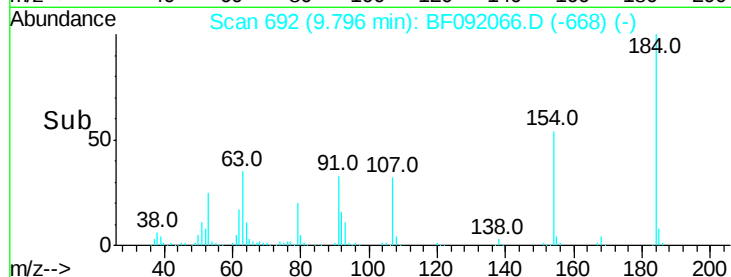
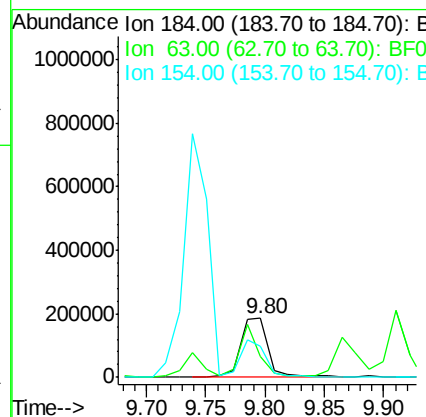
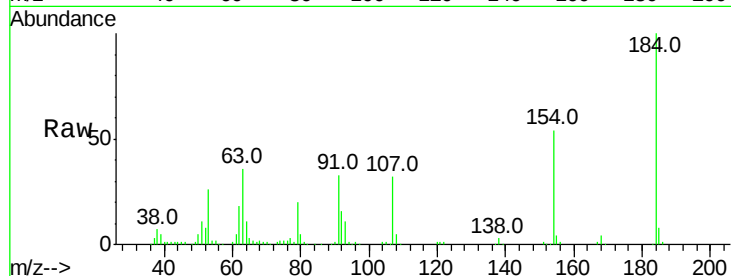
#53
2,4-Dinitrophenol
Concen: 90.97 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampled :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	36.3	28.4	42.6
154	53.5	44.3	66.5

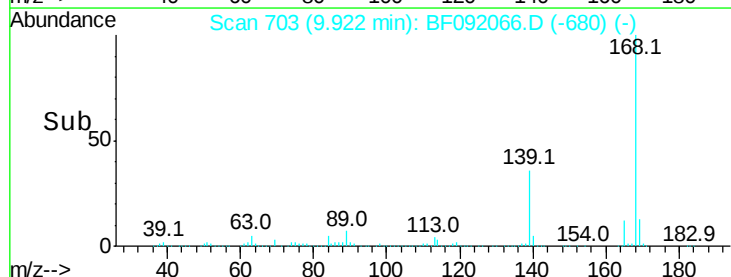
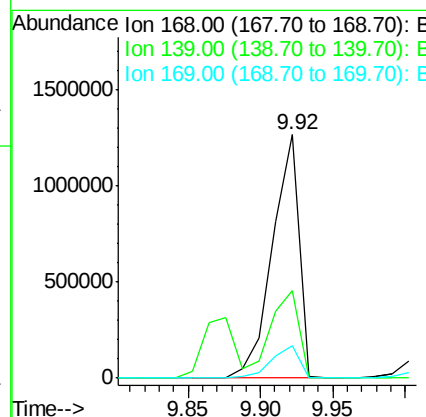
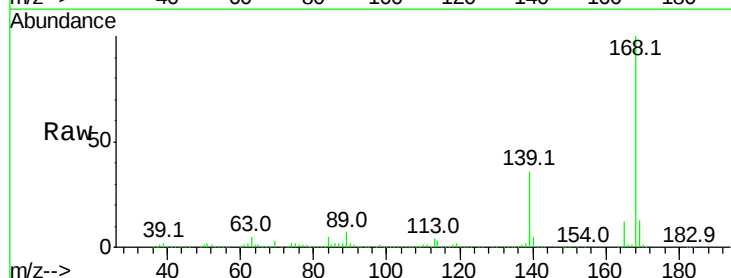
Manual Integrations
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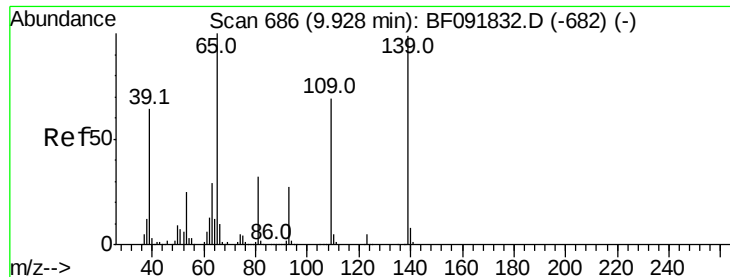
Sohil
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#54
Dibenzofuran
Concen: 48.77 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	32.6	49.0
169	13.3	11.3	16.9





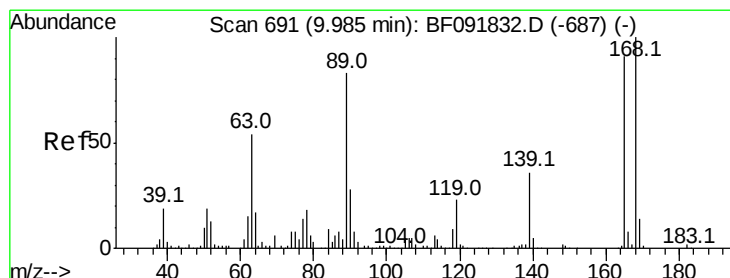
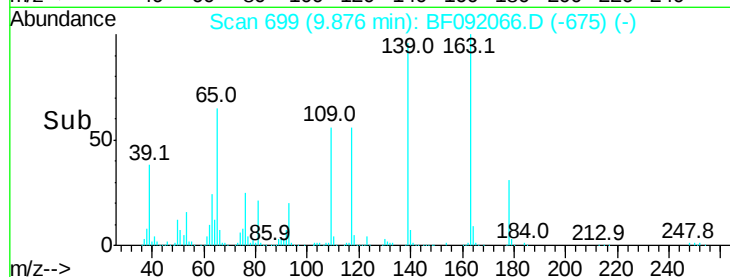
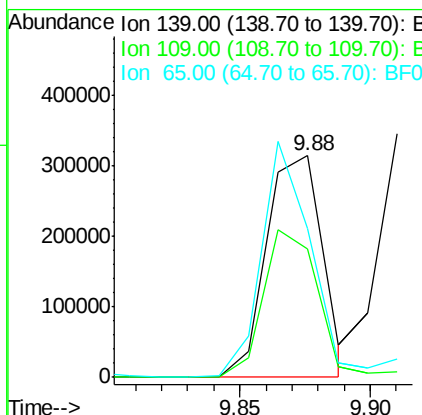
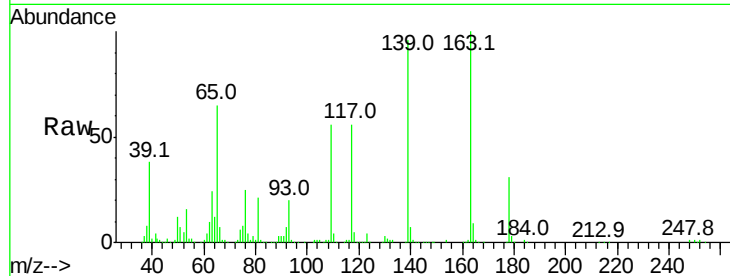
#55
4-Nitrophenol
Concen: 92.49 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.2	52.2	92.2
65	67.6	85.8	125.8

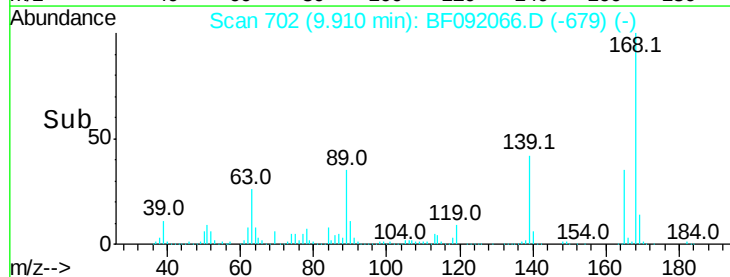
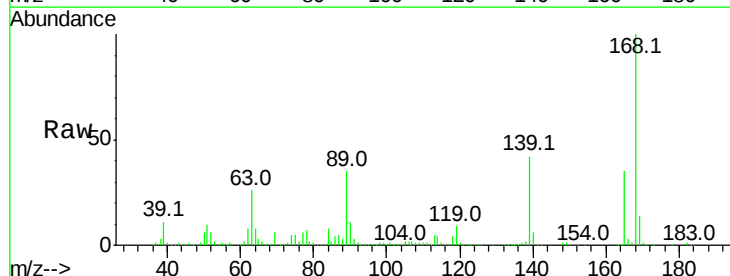
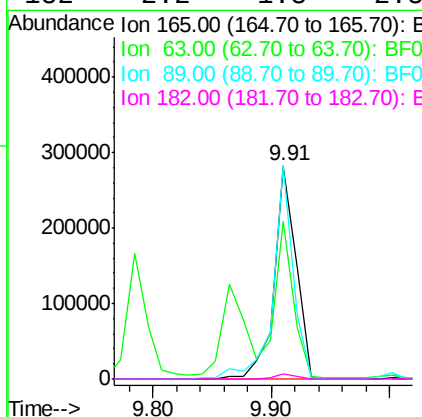
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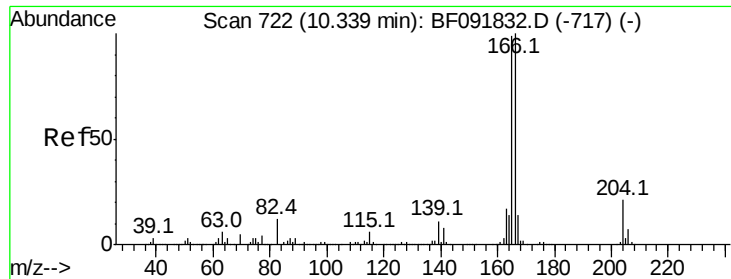
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.11 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.2	40.2	60.4
89	100.3	62.5	93.7
182	2.2	1.8	2.8





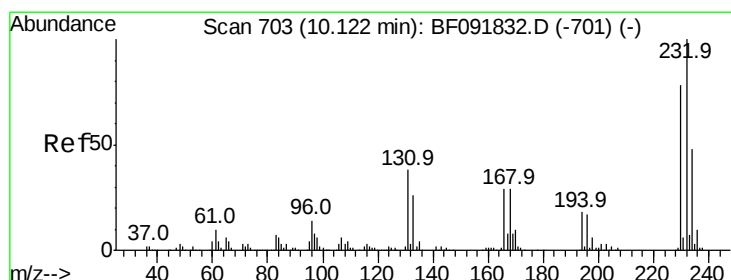
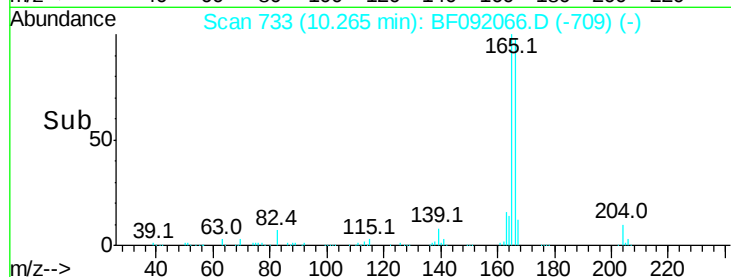
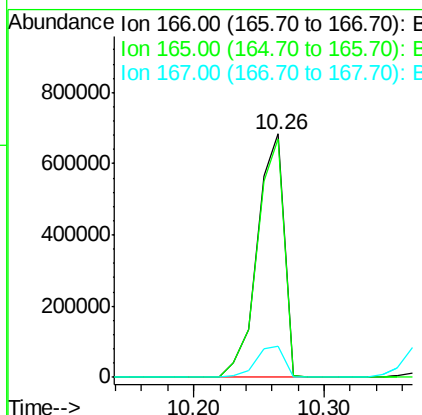
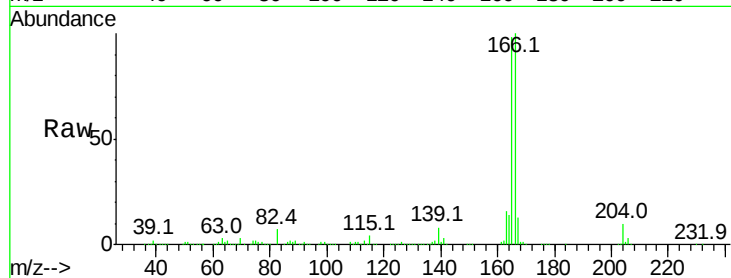
#57
Fluorene
 Concen: 40.76 ng
 RT: 10.26 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	13.0	10.8	16.2

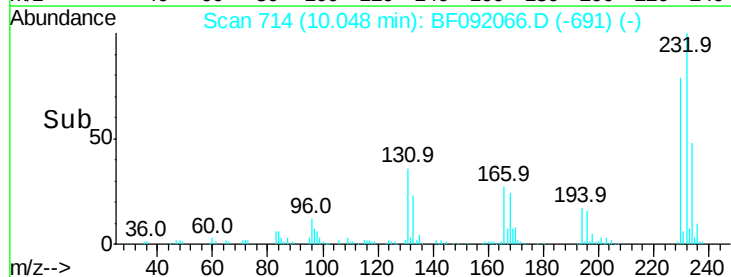
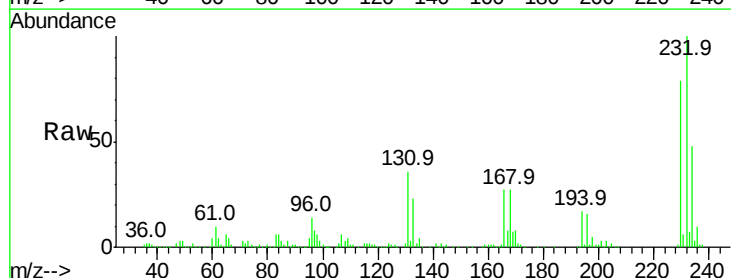
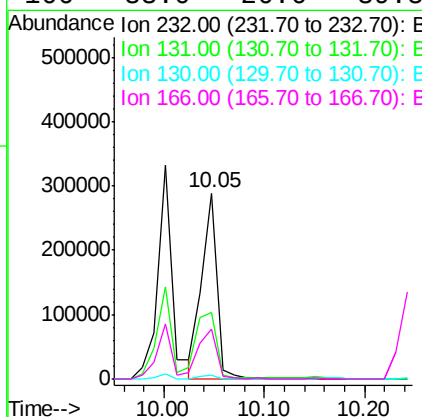
Manual Integrations
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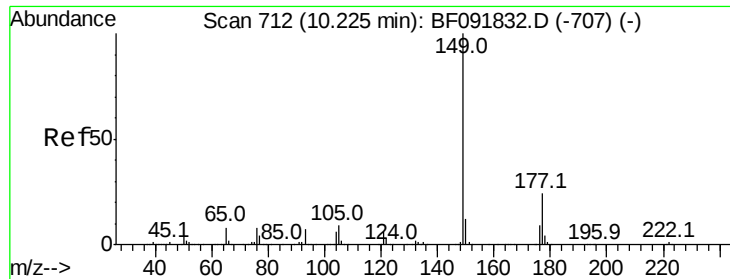
Sohil
 1/4/2017 2:05:44 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.43 ng
 RT: 10.05 min Scan# 714
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.1	40.1	60.1
130	2.2	1.8	2.8
166	33.0	26.6	39.8





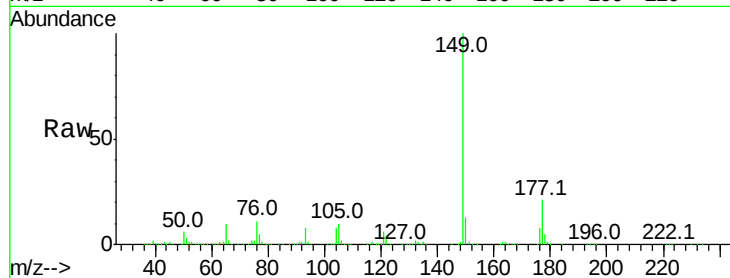
#59
Diethylphthalate
Concen: 41.38 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

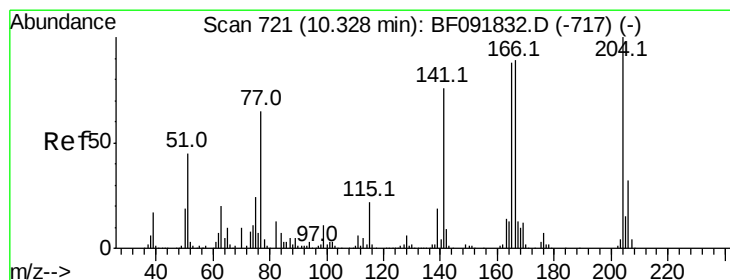
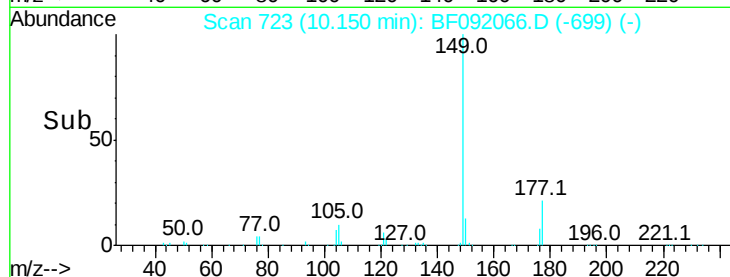
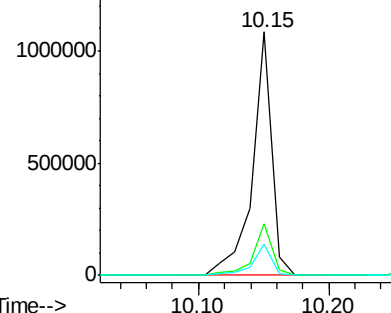
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.6	25.0
150	12.9	10.4	15.6

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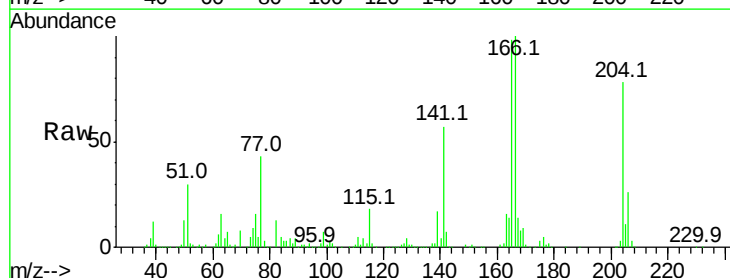


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

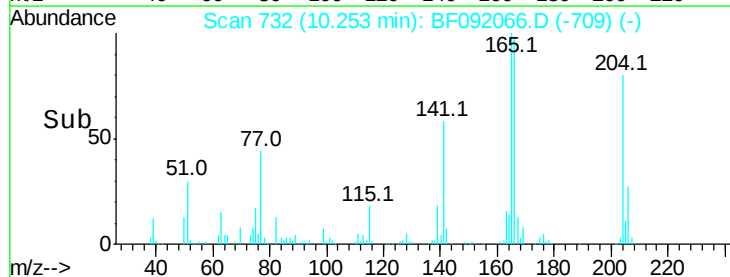
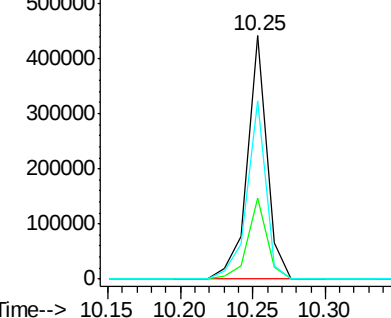


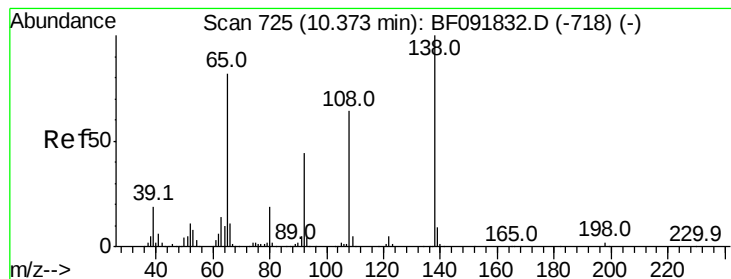
#60
4-Chlorophenyl-phenylether
Concen: 39.40 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	73.3	59.4	89.0



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





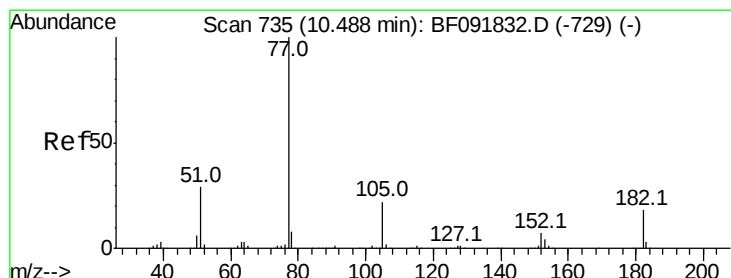
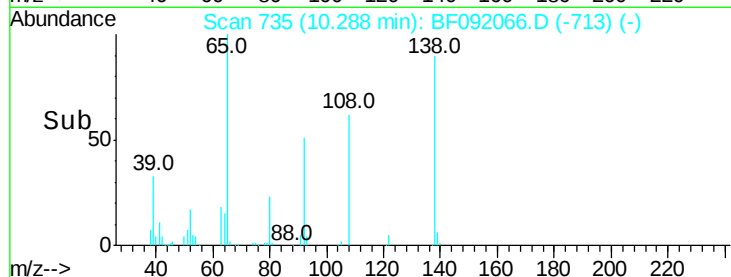
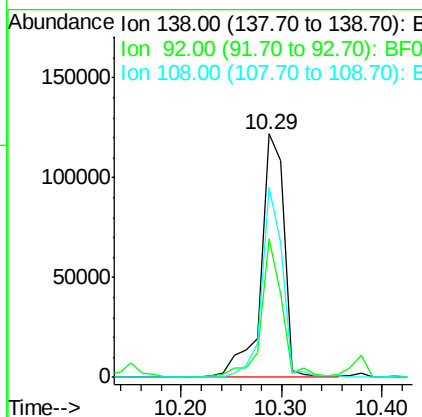
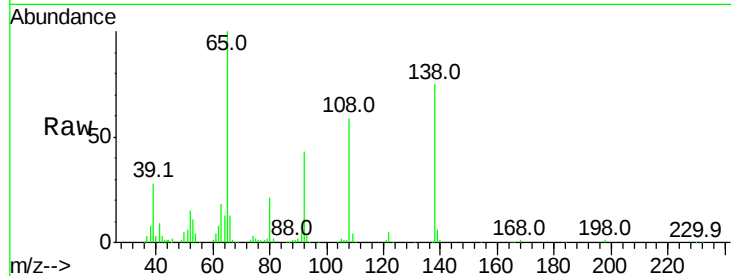
#61
4-Nitroaniline
Concen: 25.19 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.1	31.7	71.7
108	77.9	52.6	92.6

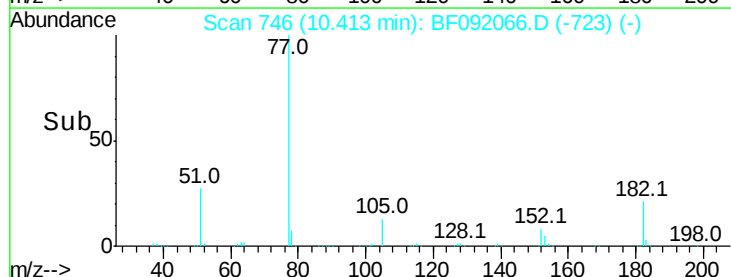
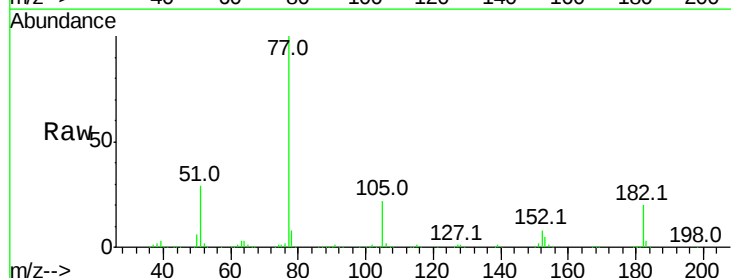
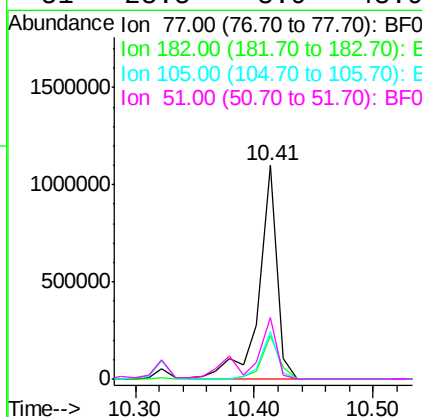
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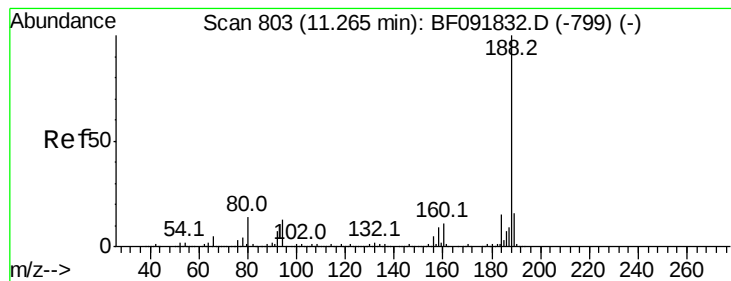
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#62
Azobenzene
Concen: 39.40 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	0.0	39.3
105	22.3	2.3	42.3
51	28.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 814

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

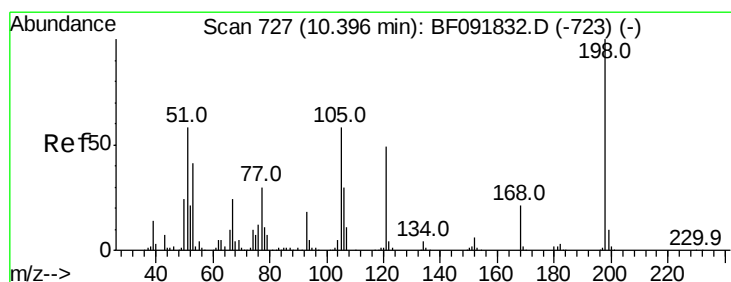
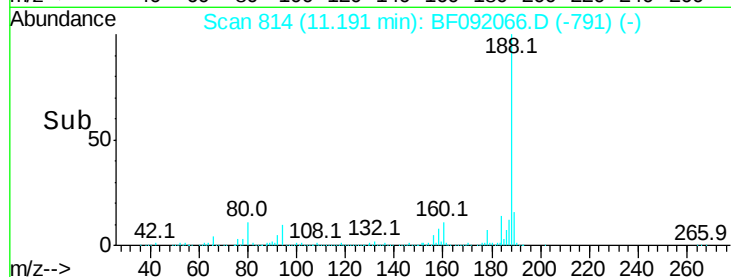
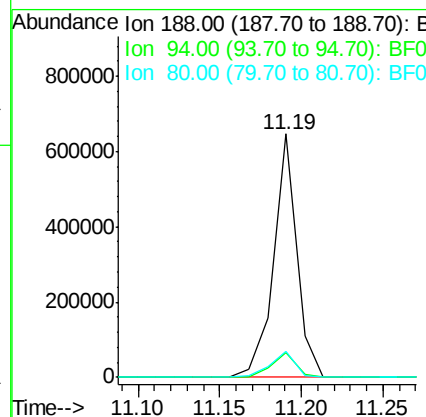
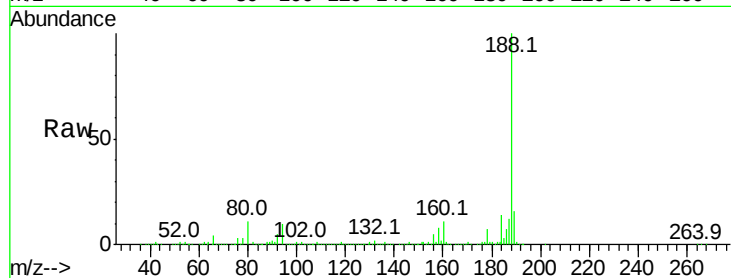
ClientSampleId :

TP9-COMP9MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	645488		
94	10.2		10.0	15.0
80	10.9		11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.77 ng

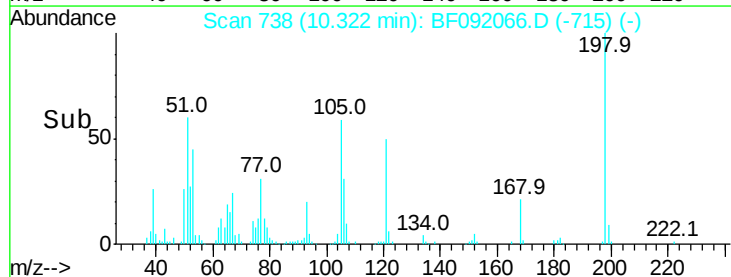
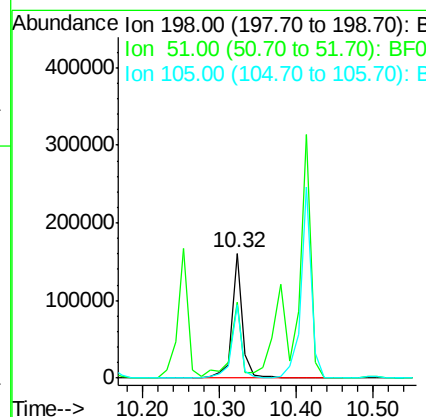
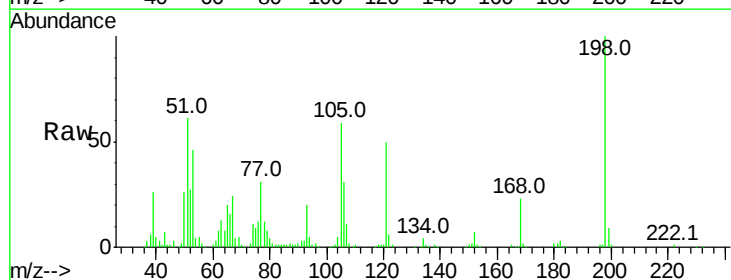
RT: 10.32 min Scan# 738

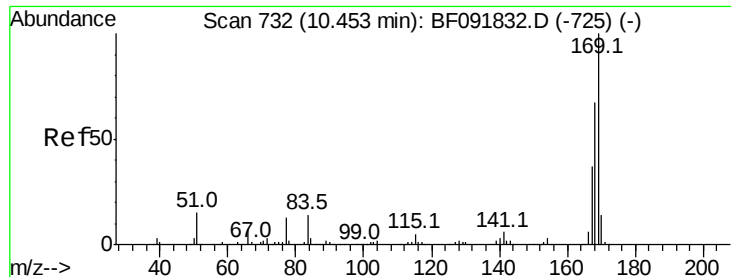
Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	159136		
51	60.5		6.7	46.7#
105	58.9		16.6	56.6#





#65

n-Nitrosodiphenylamine

Concen: 42.19 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

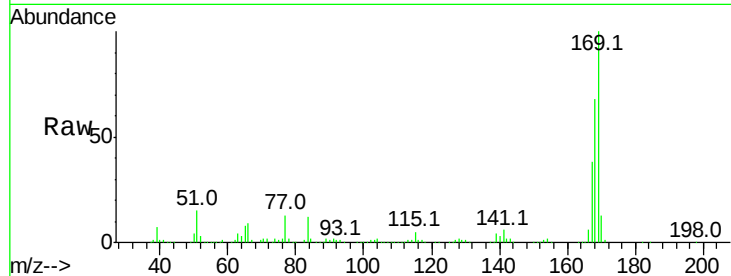
ClientSampleId :

TP9-COMP9MS

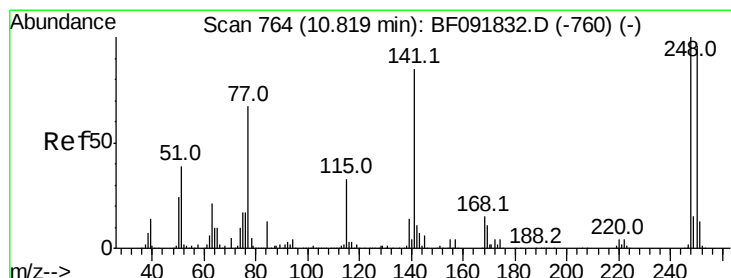
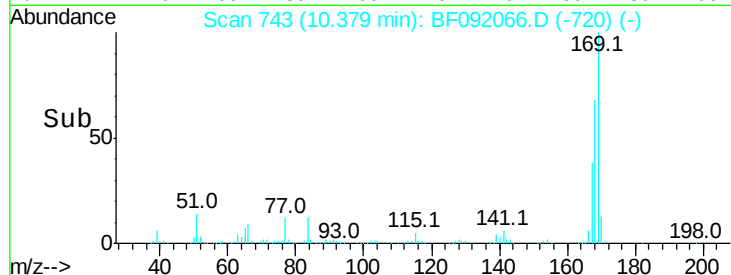
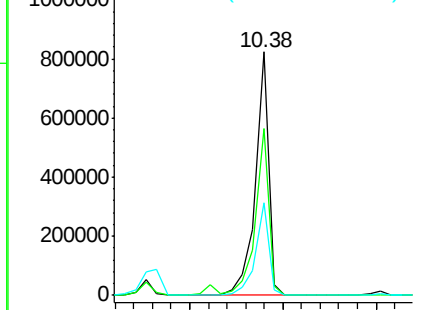
Tot Ion:	169	Resp:	808119
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	38.1	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 47.33 ng

RT: 10.74 min Scan# 775

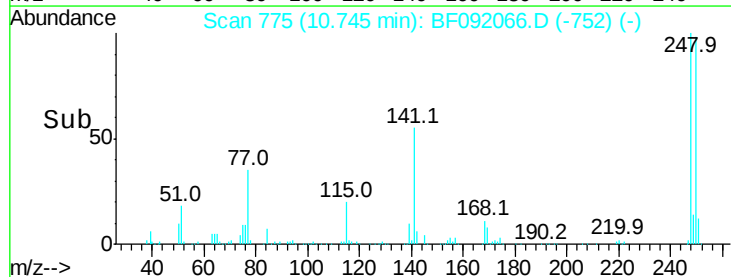
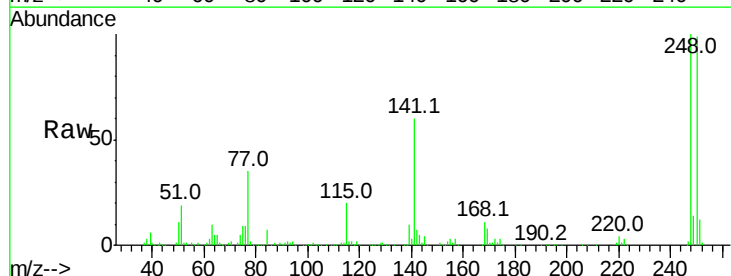
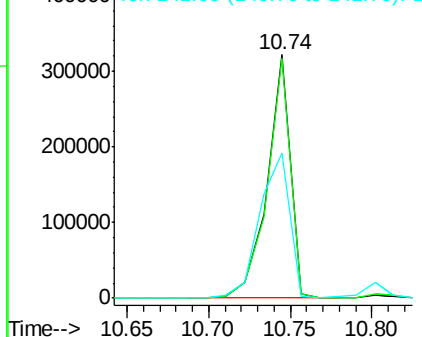
Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion:	248	Resp:	317778
Ion Ratio	Lower	Upper	
248	100		
250	98.6	76.9	115.3
141	59.6	68.2	102.4#

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





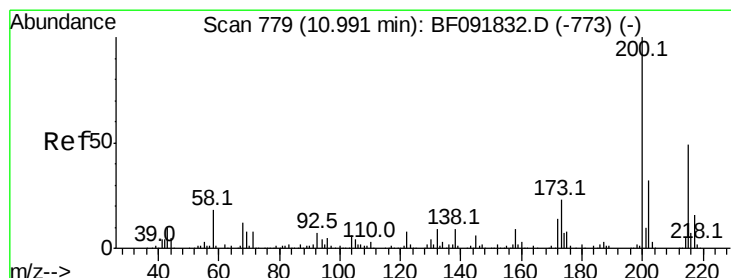
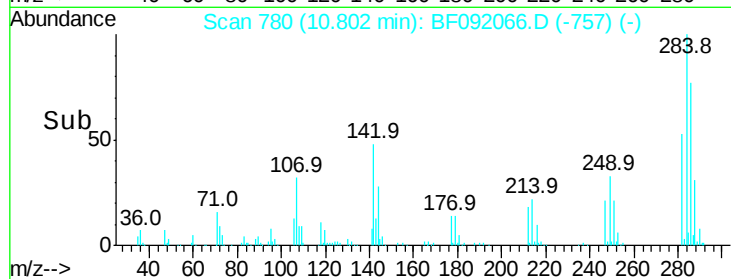
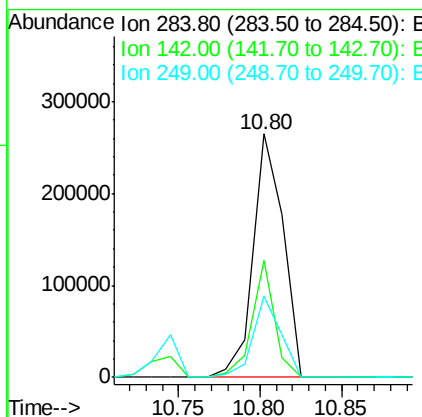
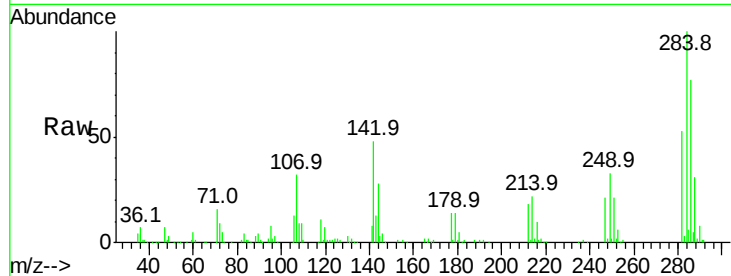
#67
Hexachlorobenzene
Concen: 47.17 ng
RT: 10.80 min Scan# 780
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	47.8	22.6	33.8#	
249	33.5	25.4	38.0	

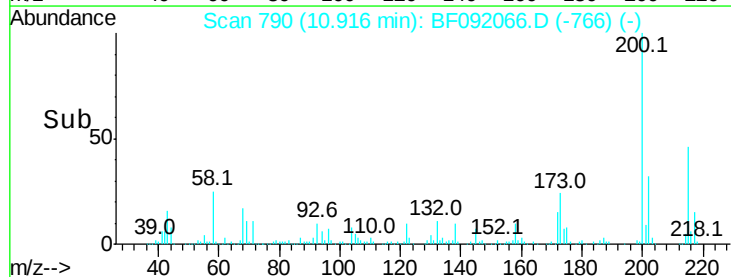
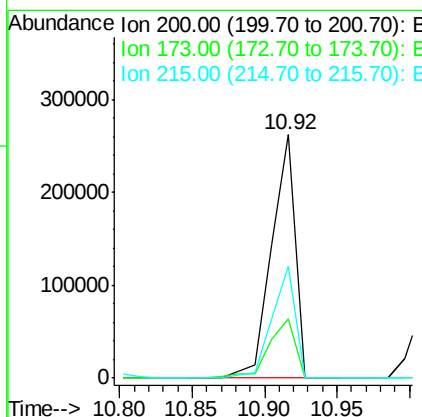
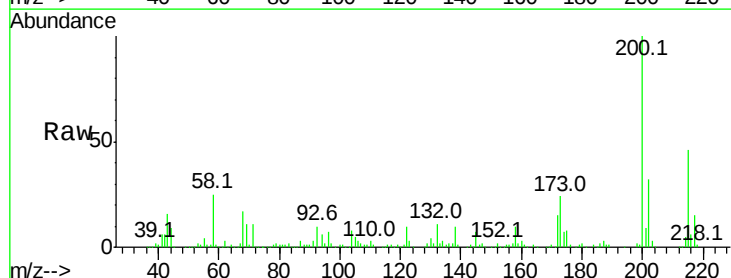
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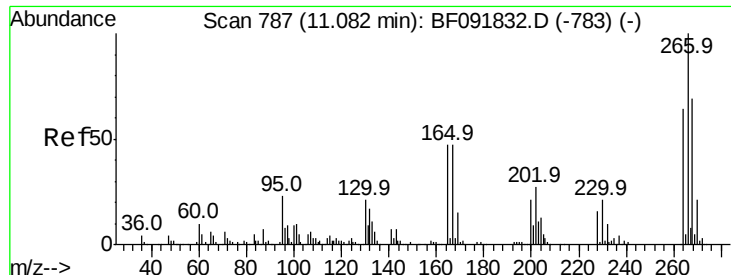
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#68
Atrazine
Concen: 47.72 ng
RT: 10.92 min Scan# 790
Delta R.T. -0.03 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.2	9.6	49.6	
215	46.0	25.7	65.7	





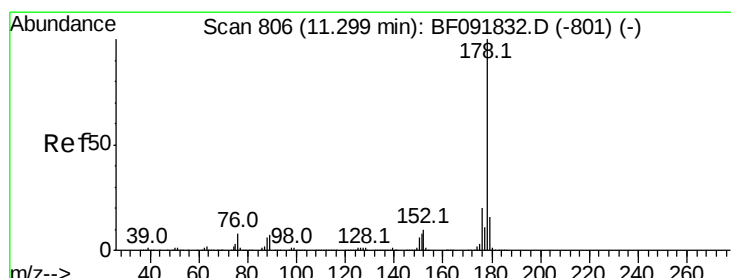
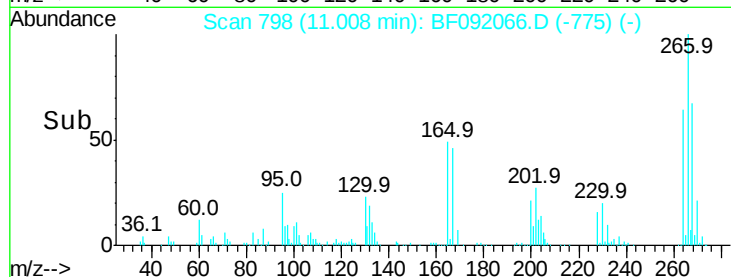
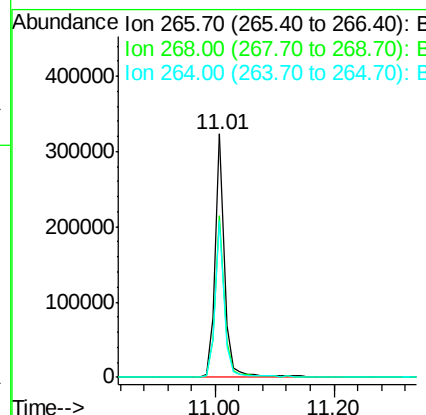
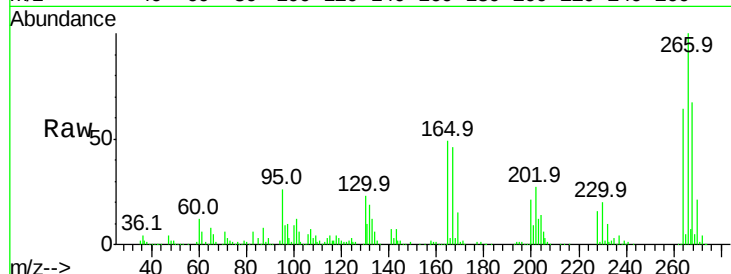
#69
 Pentachlorophenol
 Concen: 102.24 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	53.3	79.9
264	64.4	50.3	75.5

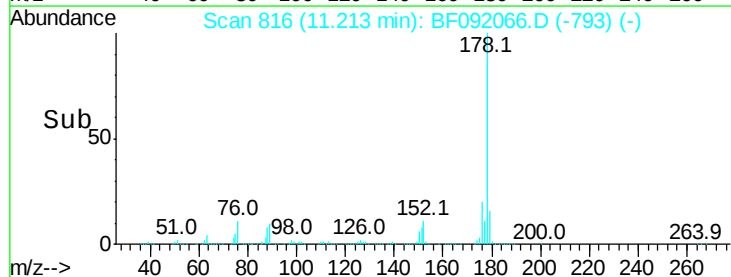
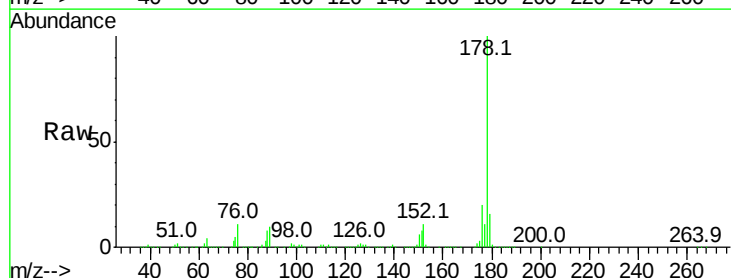
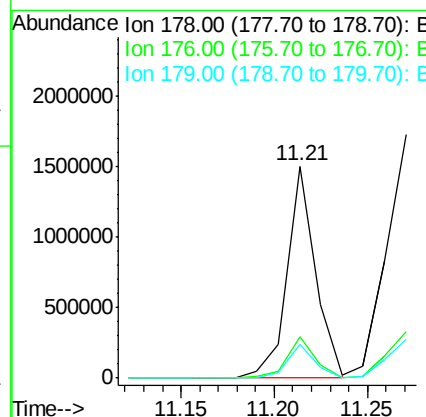
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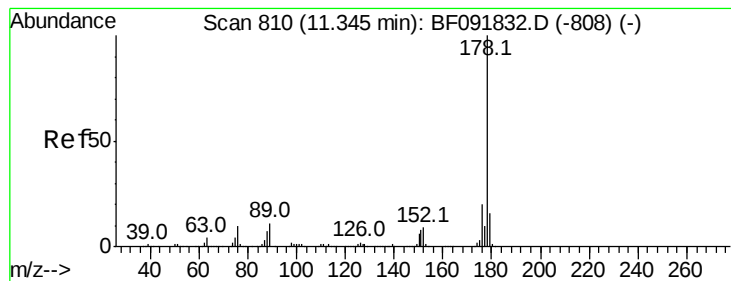
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#70
 Phenanthrene
 Concen: 45.79 ng
 RT: 11.21 min Scan# 816
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.9	12.8	19.2





#71
 Anthracene
 Concen: 81.45 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

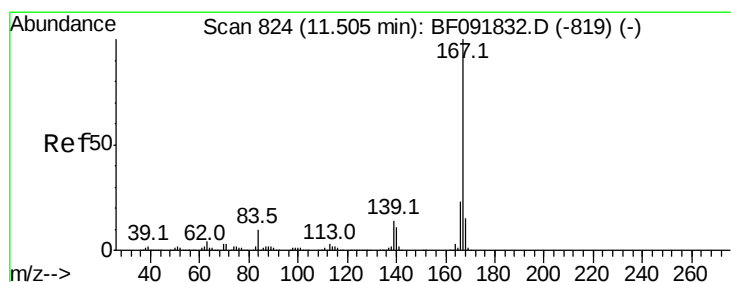
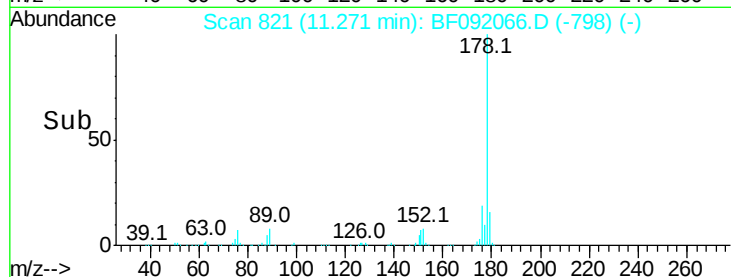
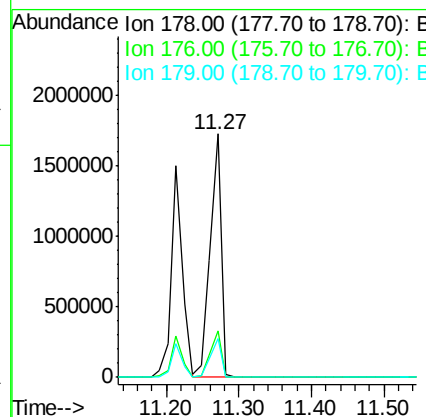
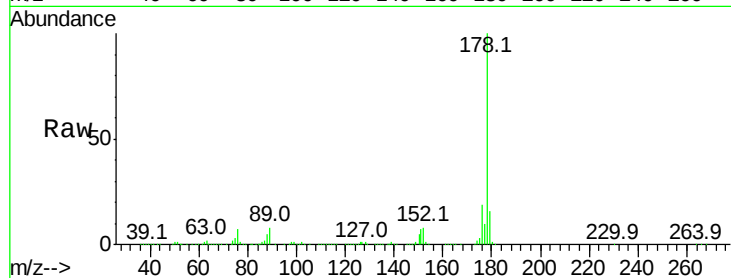
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tot Ion:178 Resp: 1838989

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.9	13.2	19.8

Manual Integrations
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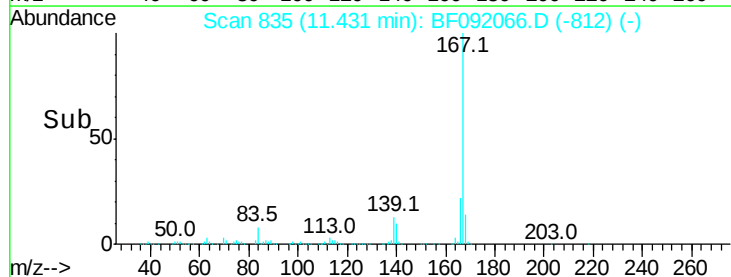
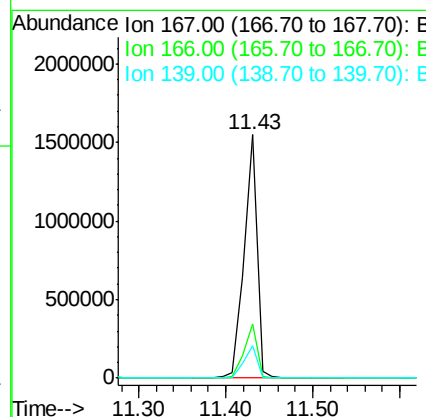
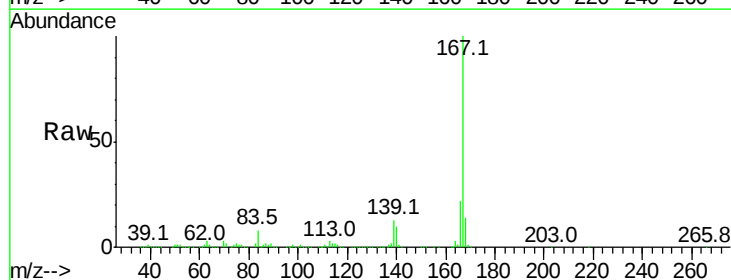
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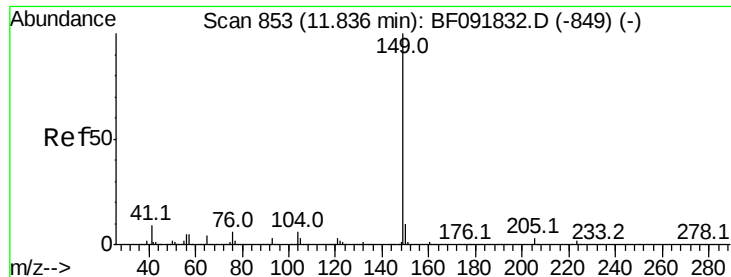


#72
 Carbazole
 Concen: 48.44 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Tgt Ion:167 Resp: 1570884

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	13.4	11.4	17.2





#73

Di-n-butylphthalate

Concen: 57.94 ng

RT: 11.76 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tot Ion:149 Resp: 1882364

Ion Ratio Lower Upper

149 100

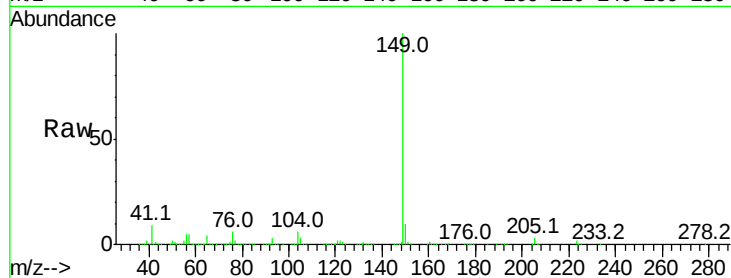
150 9.8 8.1 12.1

104 5.6 4.6 7.0

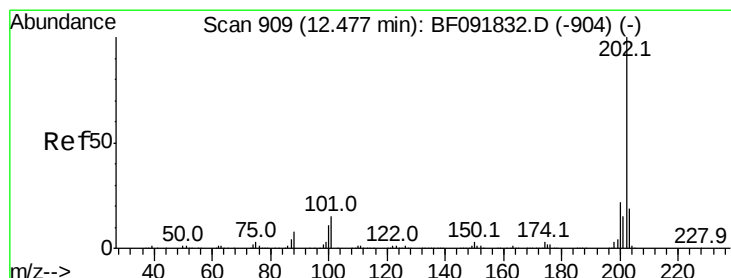
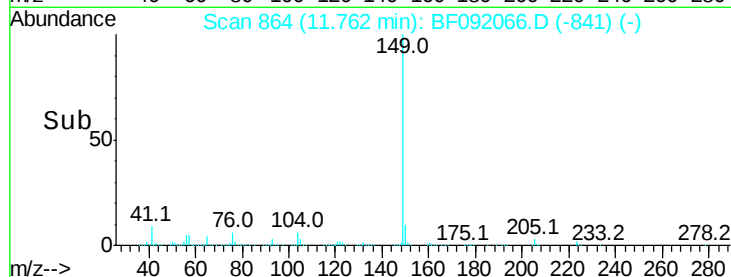
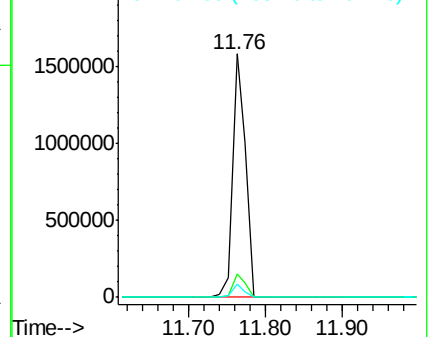
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 62.02 ng

RT: 12.40 min Scan# 920

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

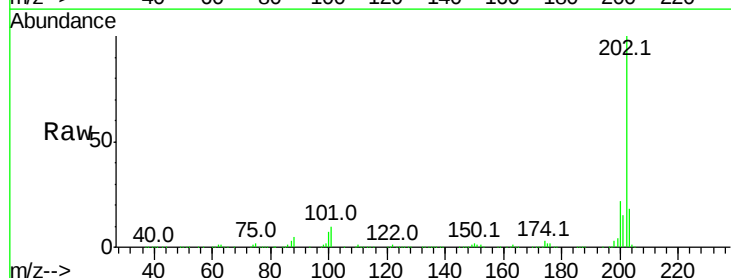
Tgt Ion:202 Resp: 1859933

Ion Ratio Lower Upper

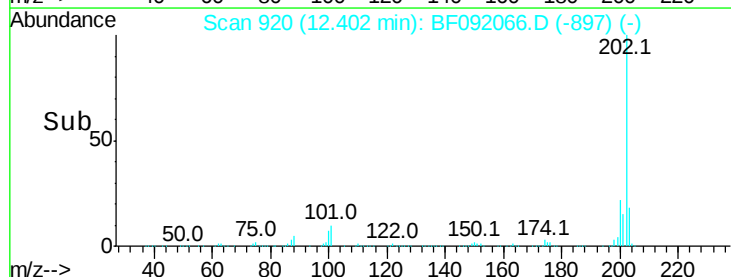
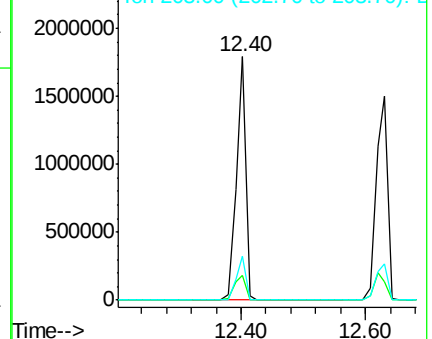
202 100

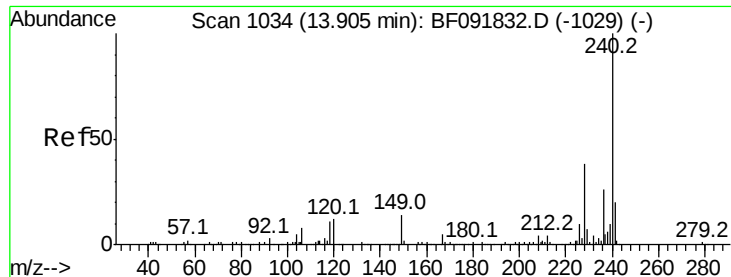
101 10.1 0.0 34.6

203 18.1 0.0 38.7



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: 13.83 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Instrument :

BNA_F

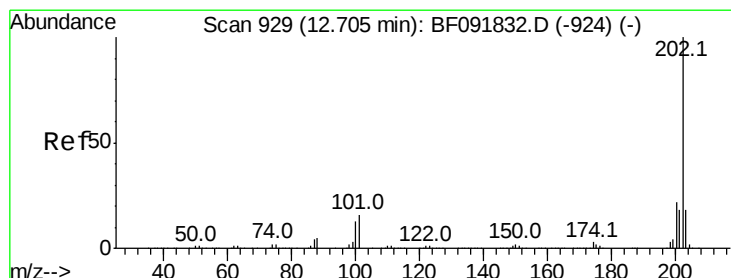
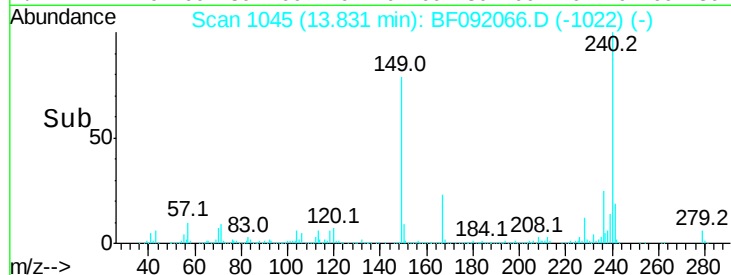
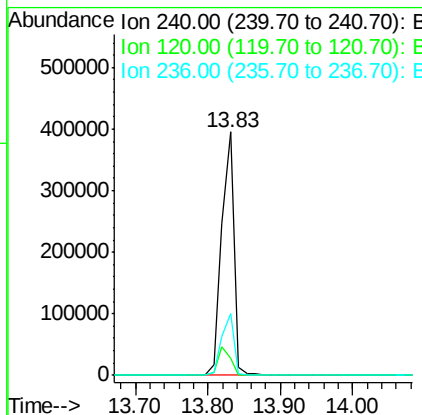
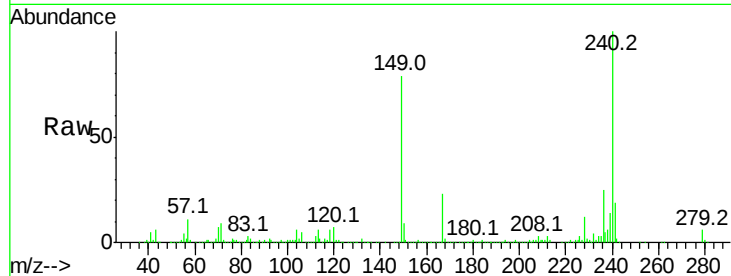
ClientSampled :

TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	12.9	19.3#
236	25.3	20.9	31.3

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#77

Pyrene

Concen: 55.25 ng

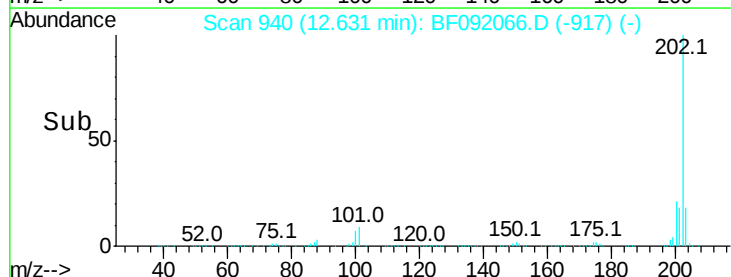
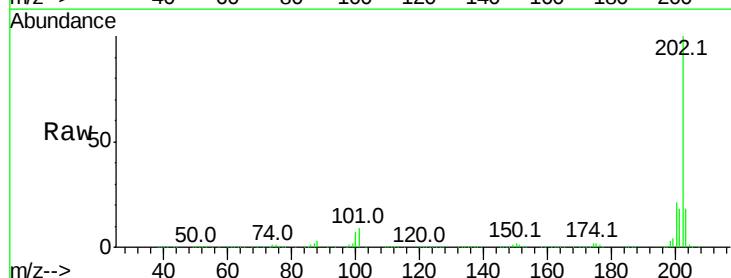
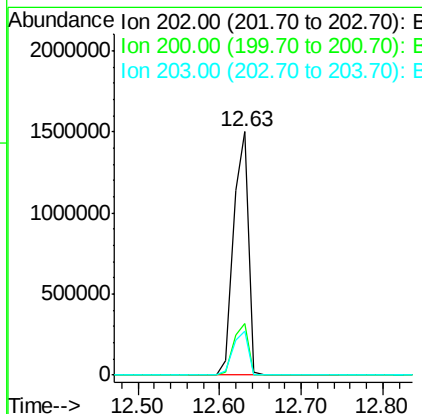
RT: 12.63 min Scan# 940

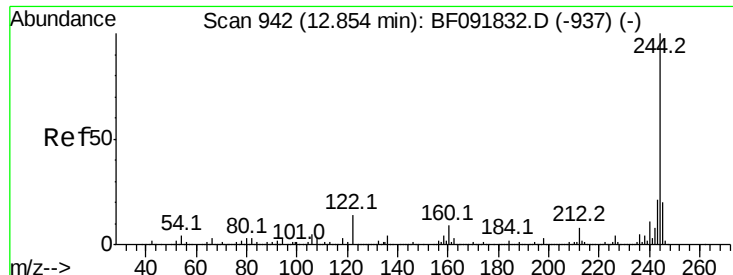
Delta R.T. -0.04 min

Lab File: BF092066.D

Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.9	14.7	22.1





#78
 Terphenyl-d14
 Concen: 99.90 ng
 RT: 12.78 min Scan# 953
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

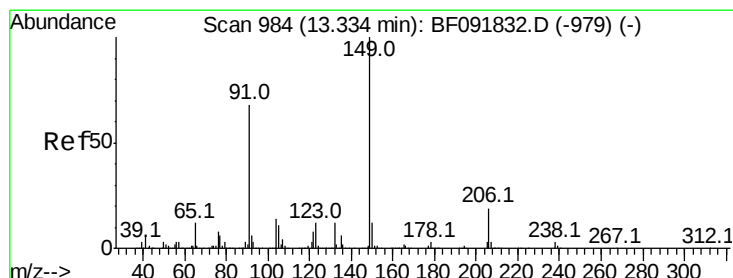
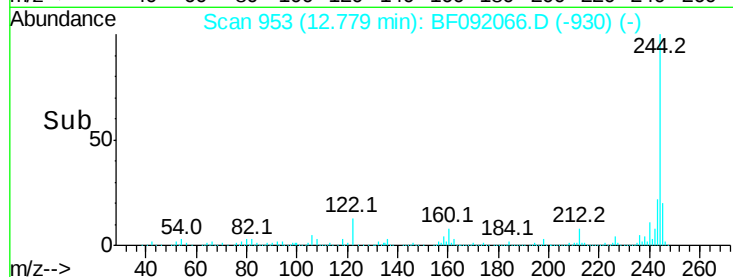
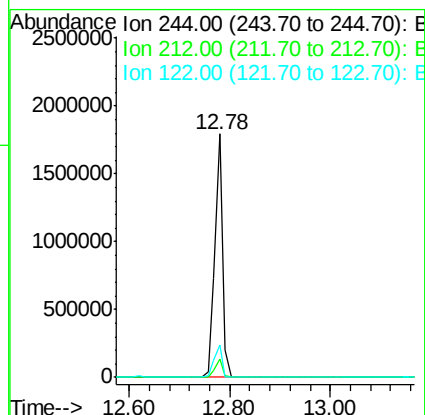
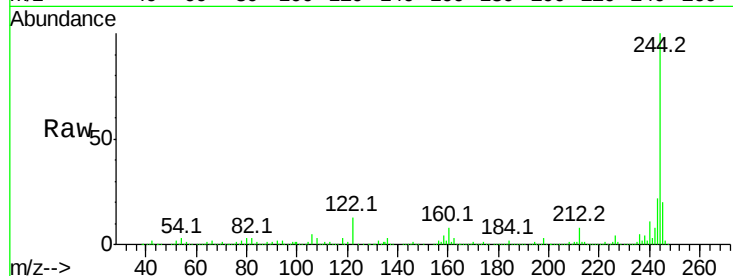
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tot Ion:244 Resp: 1924244

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.2	11.4	17.2

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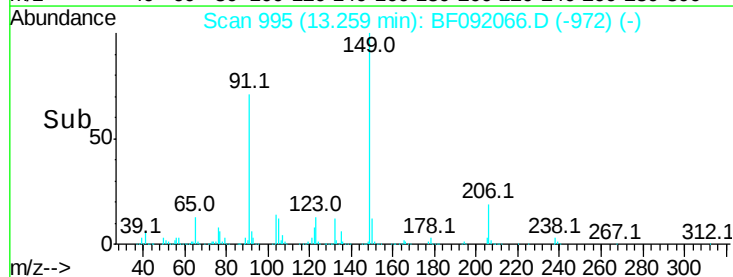
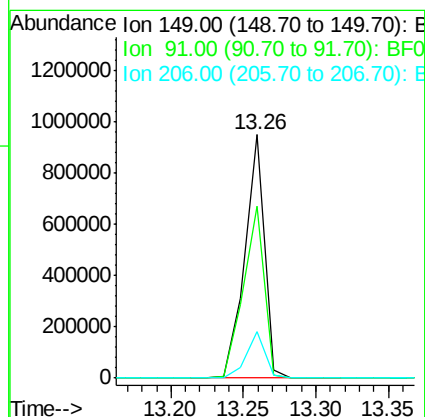
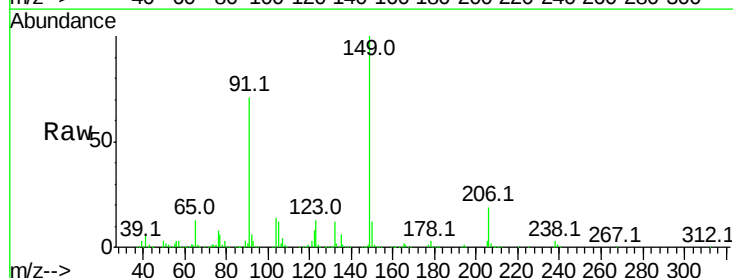
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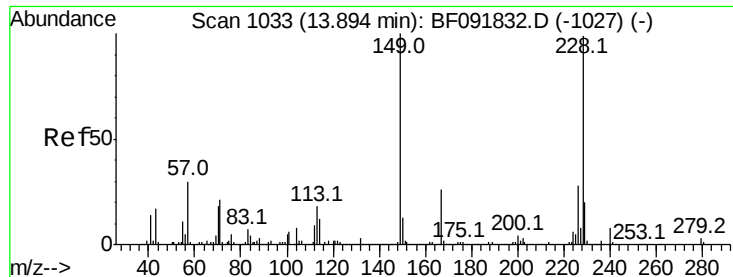


#79
 Butylbenzylphthalate
 Concen: 57.09 ng
 RT: 13.26 min Scan# 995
 Delta R.T. -0.04 min
 Lab File: BF092066.D
 Acq: 3 Jan 2017 17:49

Tgt Ion:149 Resp: 889932

Ion	Ratio	Lower	Upper
149	100		
91	70.7	63.9	95.9
206	19.0	14.6	21.8





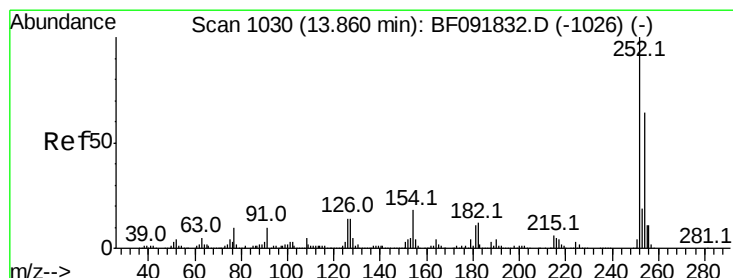
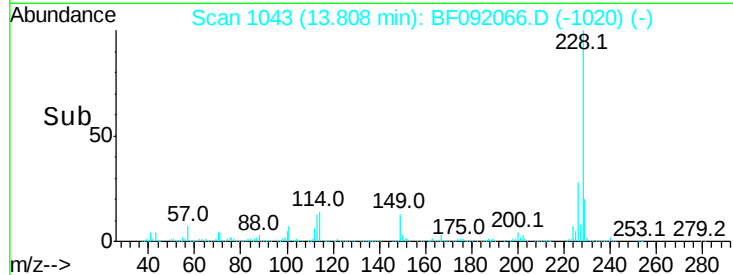
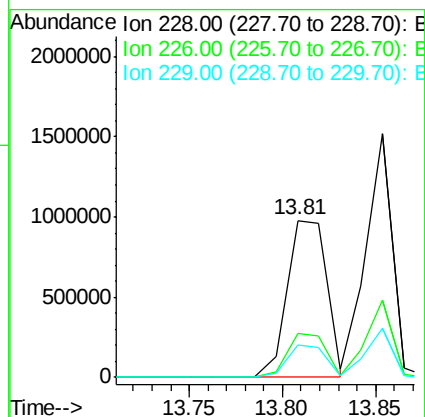
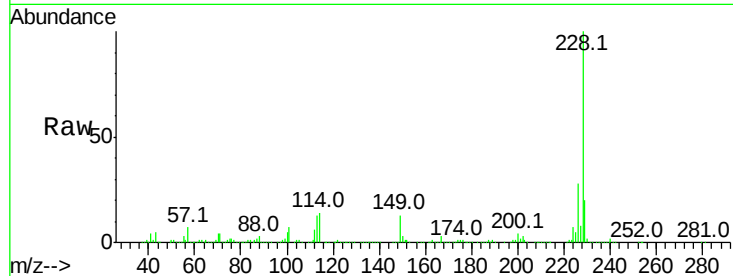
#80
Benzo(a)anthracene
Concen: 55.05 ng
RT: 13.81 min Scan# 1043
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion:228 Resp: 1451743
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.3 16.2 24.4

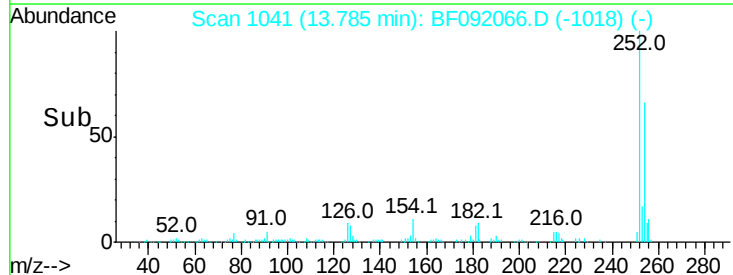
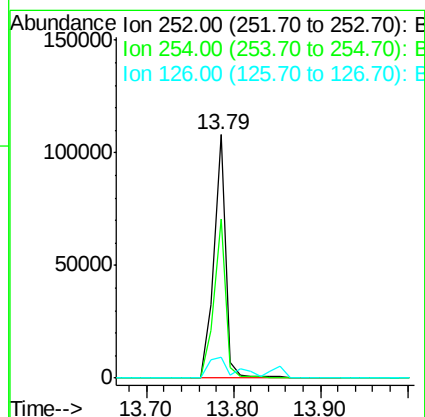
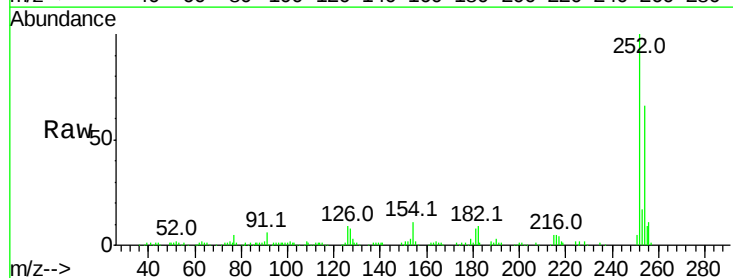
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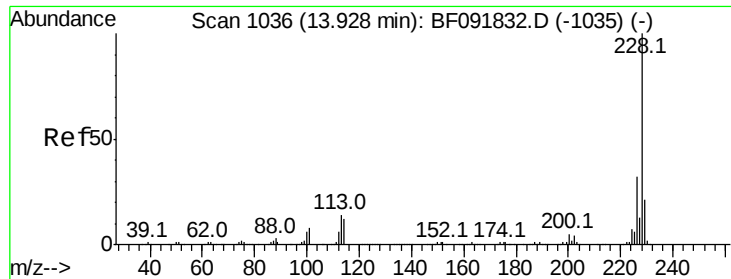
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#81
3,3'-Dichlorobenzidine
Concen: 10.49 ng
RT: 13.79 min Scan# 1041
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion:252 Resp: 104864
Ion Ratio Lower Upper
252 100
254 65.6 52.3 78.5
126 8.8 13.6 20.4#





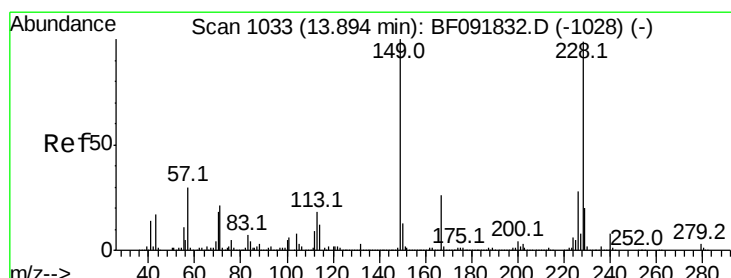
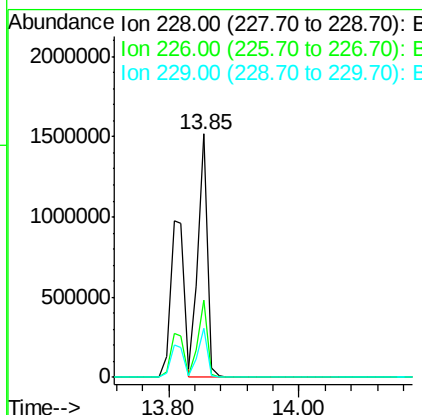
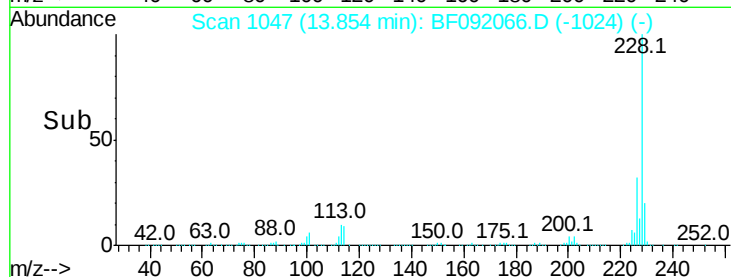
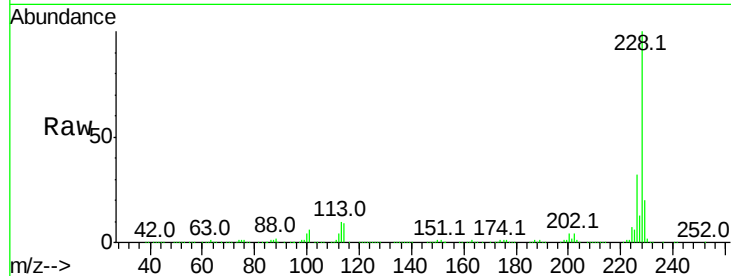
#82
Chrysene
Concen: 56.49 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion:228 Resp: 1494083
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.0
229 20.4 16.2 24.2

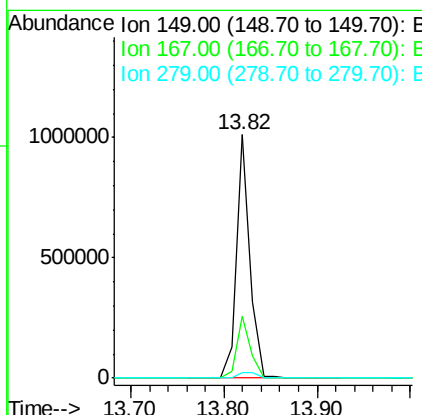
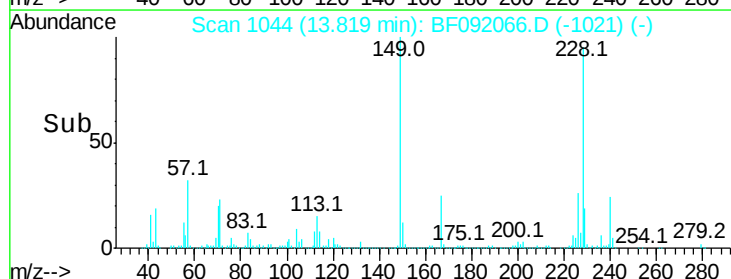
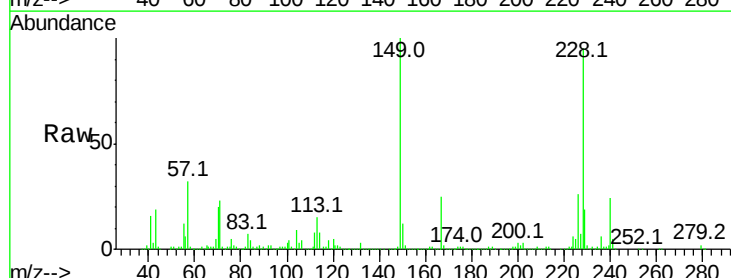
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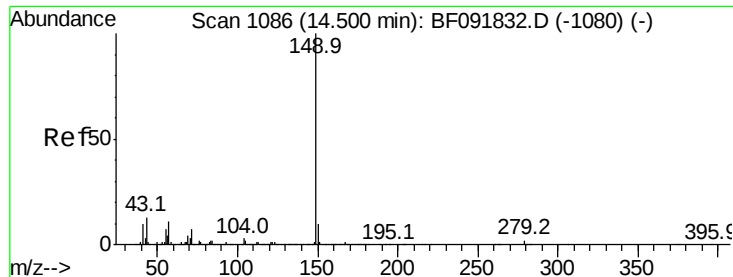
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#83
Bis(2-ethylhexyl)phthalate
Concen: 55.22 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion:149 Resp: 1013687
Ion Ratio Lower Upper
149 100
167 25.2 20.2 30.4
279 2.4 1.8 2.8





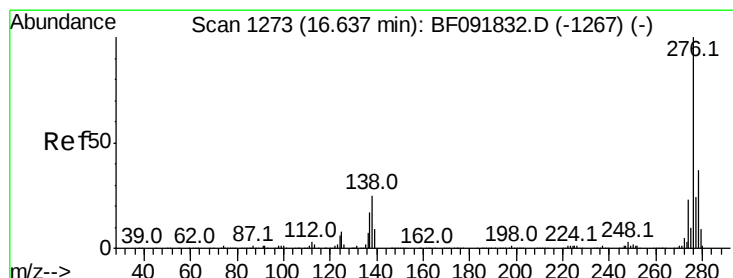
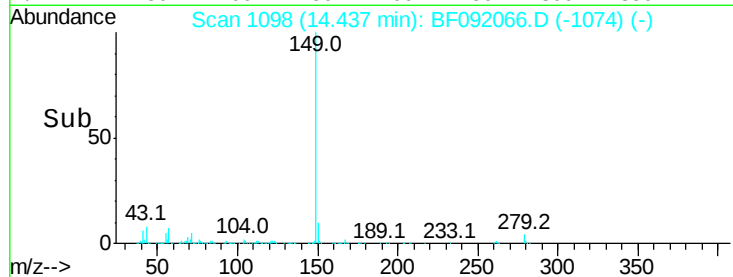
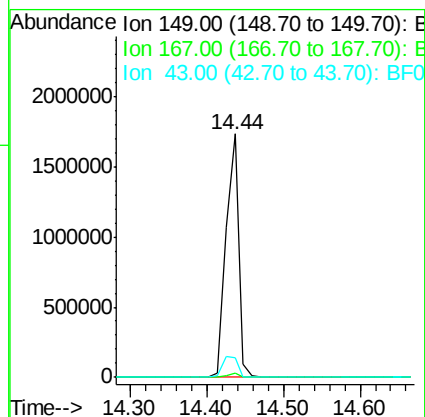
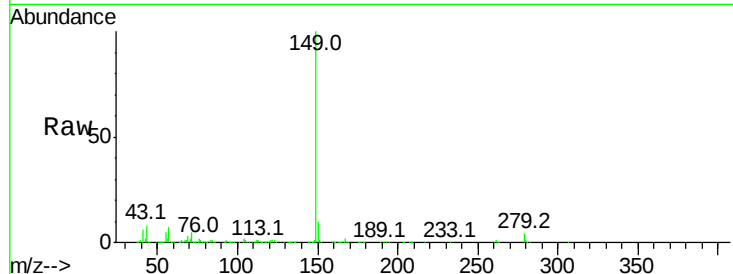
#84
Di-n-octyl phthalate
Concen: 59.56 ng
RT: 14.44 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.3	8.9	13.3

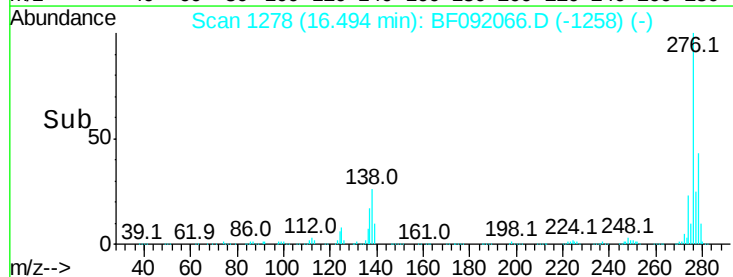
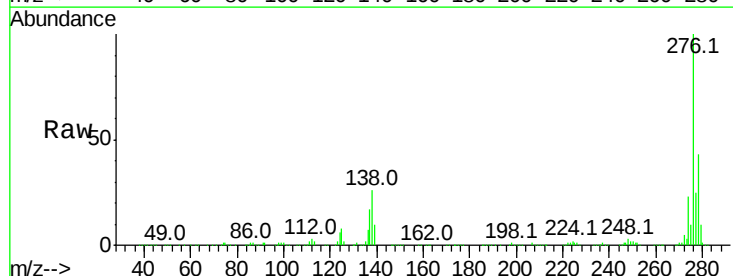
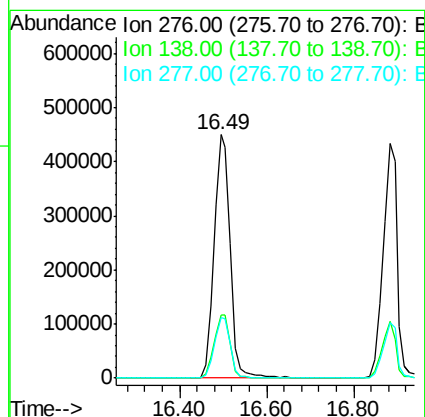
Manual Integrations
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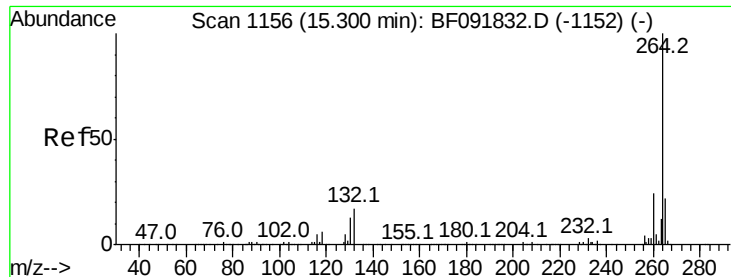
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#85
Indeno(1,2,3-cd)pyrene
Concen: 51.75 ng
RT: 16.49 min Scan# 1278
Delta R.T. -0.07 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	24.9	20.2	30.4





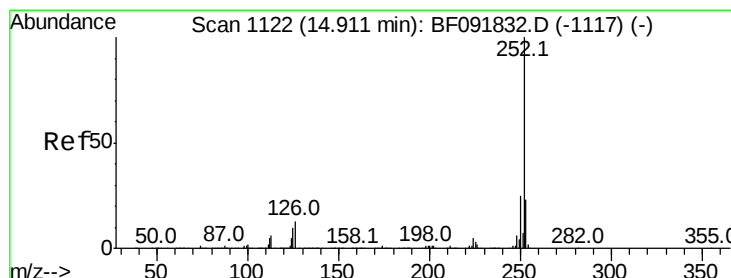
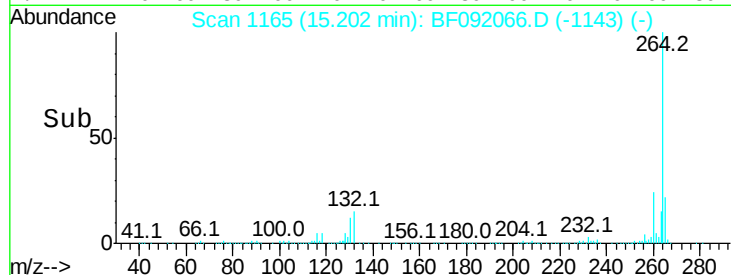
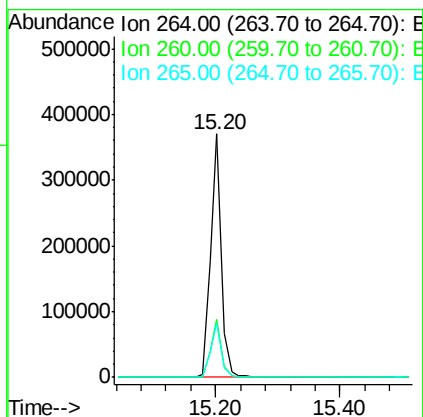
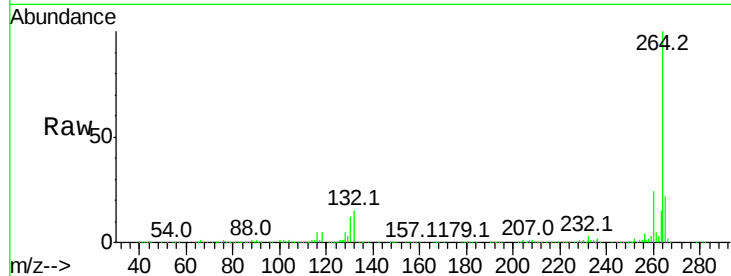
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.4	26.0

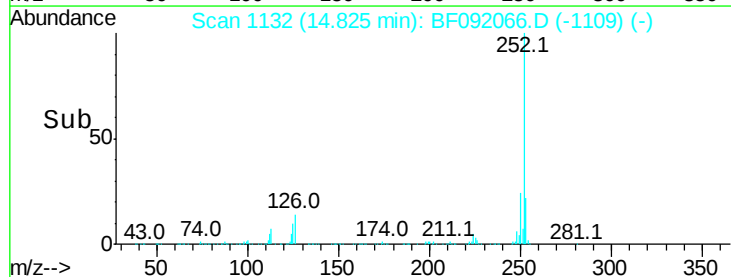
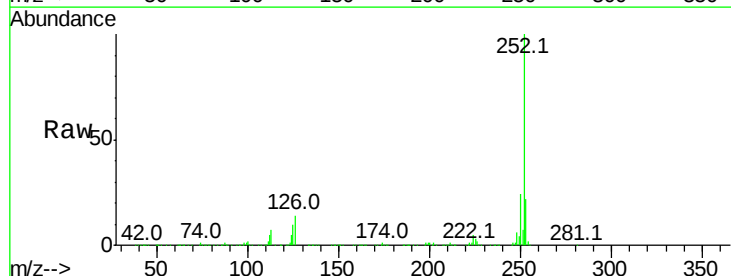
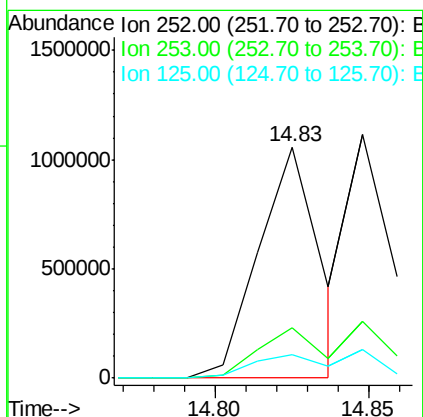
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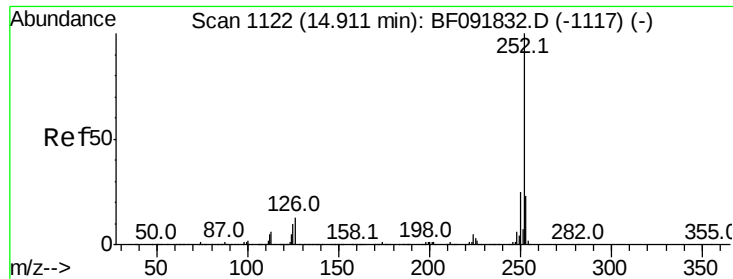
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#87
Benzo(b)fluoranthene
Concen: 53.24 ng m
RT: 14.83 min Scan# 1132
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.3	9.8	14.6





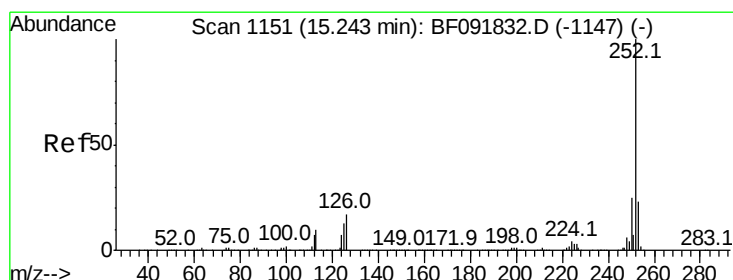
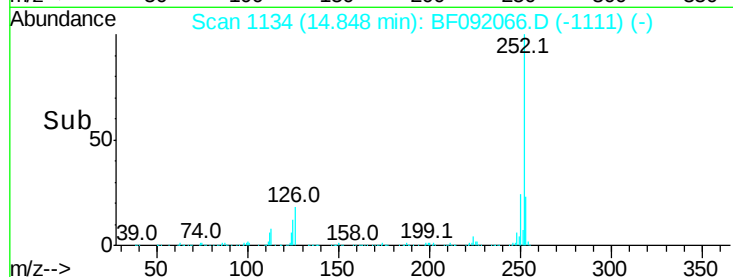
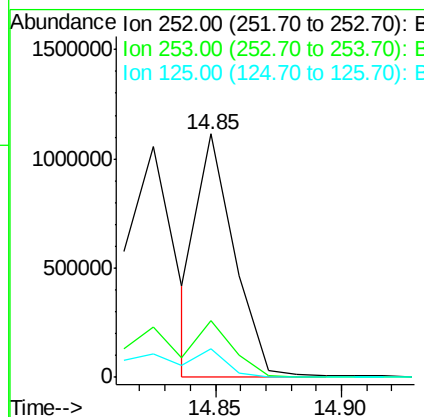
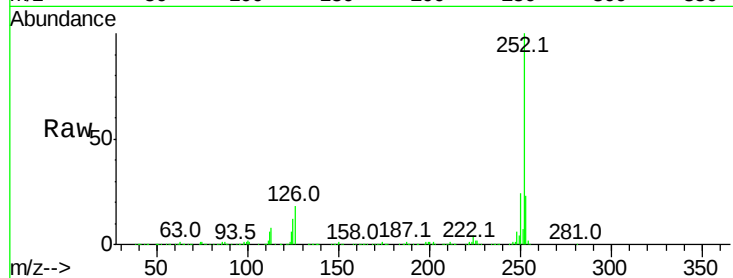
#88
Benzo(k)fluoranthene
Concen: 48.22 ng m
RT: 14.85 min Scan# 1134
Delta R.T. -0.04 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.9	8.9	13.3

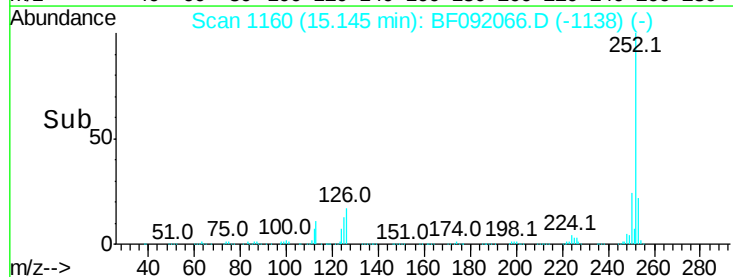
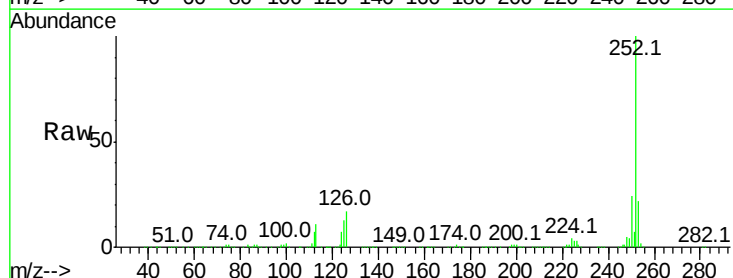
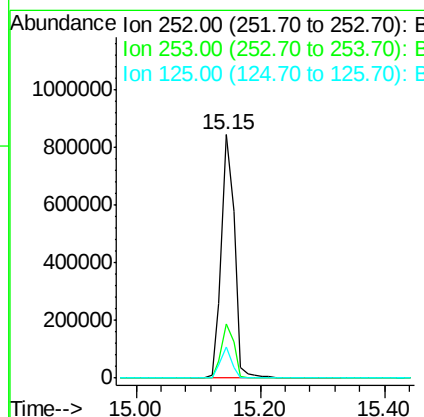
Manual Integrations
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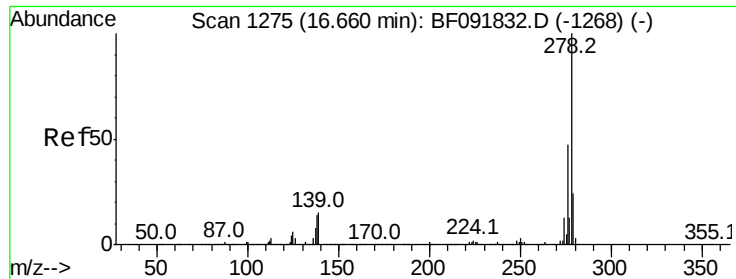
Sohil
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#89
Benzo(a)pyrene
Concen: 50.30 ng
RT: 15.15 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	13.0	10.0	15.0





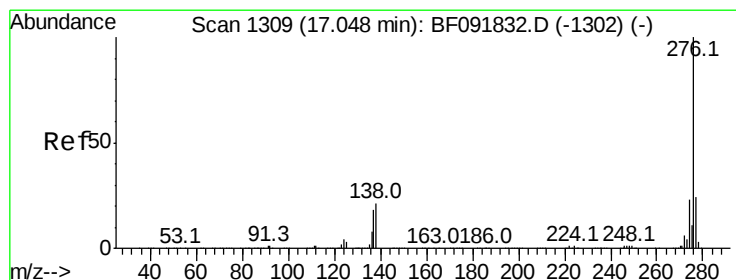
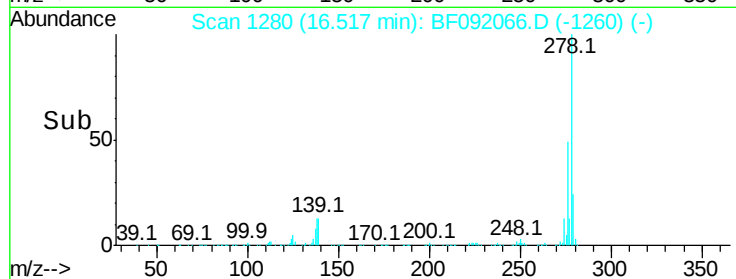
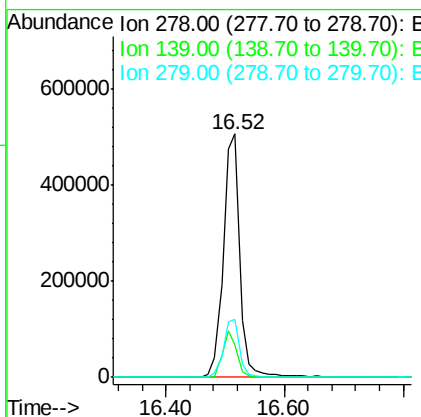
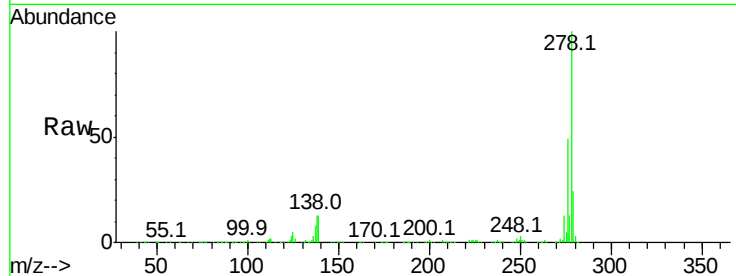
#90
Dibenzo(a,h)anthracene
Concen: 49.23 ng
RT: 16.52 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	14.8	22.2#
279	23.7	19.8	29.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 48.30 ng
RT: 16.88 min Scan# 1312
Delta R.T. -0.09 min
Lab File: BF092066.D
Acq: 3 Jan 2017 17:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	24.3	16.0	24.0#

