

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092071.D
 Acq On : 3 Jan 2017 20:10
 Operator : UM/SJ
 Sample : H6322-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Manual Integrations
 APPROVED

Sohil
 1/4/2017 2:05:52 PM

Quant Time: Jan 04 01:03:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195230	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	755651	20.00	ng	-0.04
38) Acenaphthene-d10	9.72	164	367014	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	502016	20.00	ng	-0.04
75) Chrysene-d12	13.83	240	399317	20.00	ng	-0.04
86) Perylene-d12	15.21	264	496505	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1627392	139.18	ng	-0.04
7) Phenol-d6	6.34	99	1969589	137.97	ng	-0.04
23) Nitrobenzene-d5	7.25	82	1438734	105.87	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	358599	118.06	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	1675269	95.05	ng	-0.04
78) Terphenyl-d14	12.78	244	1146723	69.65	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	256158	44.50	ng	99
3) Pyridine	2.85	79	562442	28.00	ng	96
4) n-Nitrosodimethylamine	2.80	42	297248	39.22	ng	97
6) Aniline	6.33	93	411927	22.22	ng	# 61
8) 2-Chlorophenol	6.47	128	660454	49.66	ng	85
9) Benzaldehyde	6.21	77	69061	6.36	ng	83
10) Phenol	6.36	94	960616	59.05	ng	# 75
11) bis(2-Chloroethyl)ether	6.41	93	648595	50.11	ng	98
12) 1,3-Dichlorobenzene	6.61	146	614972m	43.31	ng	
13) 1,4-Dichlorobenzene	6.69	146	640312	44.31	ng	99
14) 1,2-Dichlorobenzene	6.85	146	576733	45.99	ng	95
15) Benzyl Alcohol	6.82	79	532109	47.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	857149	44.47	ng	# 46
17) 2-Methylphenol	6.96	107	502451	46.97	ng	# 90
18) Hexachloroethane	7.18	117	240226	44.84	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	470863	49.58	ng	97
20) 3+4-Methylphenols	7.11	107	769185	60.29	ng	# 69
22) Acetophenone	7.09	105	958790	51.44	ng	# 93
24) Nitrobenzene	7.26	77	619715	42.82	ng	98
25) Isophorone	7.50	82	1230626	49.08	ng	94
26) 2-Nitrophenol	7.58	139	350327	49.08	ng	97
27) 2,4-Dimethylphenol	7.64	122	570049	48.15	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	749728	49.31	ng	99
29) 2,4-Dichlorophenol	7.83	162	491505	49.03	ng	91
30) 1,2,4-Trichlorobenzene	7.90	180	484942	44.15	ng	# 95
31) Naphthalene	7.98	128	1597719	46.20	ng	100
32) Benzoic acid	7.64	122	570049	64.92	ng	# 12
33) 4-Chloroaniline	8.05	127	262032	16.80	ng	# 93
34) Hexachlorobutadiene	8.10	225	269717	46.51	ng	98
35) Caprolactam	8.41	113	162024	49.18	ng	# 62
36) 4-Chloro-3-methylphenol	8.54	107	495112	42.92	ng	96
37) 2-Methylnaphthalene	8.68	142	1063819	55.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	411426	44.37	ng	98
40) Hexachlorocyclopentadiene	8.82	237	158493	40.45	ng	96

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Quant Time: Jan 04 01:03:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	314942	48.57	nq	98
43) 2,4,5-Trichlorophenol	9.01	196	302534	45.33	nq	95
45) 1,1'-Biphenyl	9.13	154	1186080	47.20	nq	96
46) 2-Chloronaphthalene	9.16	162	885179	44.48	nq	94
47) 2-Nitroaniline	9.27	65	332816	46.97	nq	# 69
48) Acenaphthylene	9.57	152	1349377	44.09	nq	99
49) Dimethylphthalate	9.45	163	1314719	56.01	nq	100
50) 2,6-Dinitrotoluene	9.51	165	251051	48.86	nq	# 84
51) Acenaphthene	9.75	154	843284	40.64	nq	99
52) 3-Nitroaniline	9.68	138	179972	28.31	nq	# 74
53) 2,4-Dinitrophenol	9.78	184	64138	22.44	nq	# 72
54) Dibenzofuran	9.92	168	1210668	43.20	nq	92
55) 4-Nitrophenol	9.86	139	324070	75.07	nq	94
56) 2,4-Dinitrotoluene	9.91	165	269199	41.75	nq	# 77
57) Fluorene	10.26	166	880152	43.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	249838	47.33	nq	96
59) Diethylphthalate	10.15	149	1078462	47.31	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	386234	43.27	nq	99
61) 4-Nitroaniline	10.29	138	213618	32.42	nq	96
62) Azobenzene	10.41	77	1160214	46.22	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	109676	36.13	nq	80
65) n-Nitrosodiphenylamine	10.38	169	855907	57.46	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	271906	52.07	nq	# 85
67) Hexachlorobenzene	10.80	284	249266	44.66	nq	# 78
68) Atrazine	10.92	200	257890	53.67	nq	95
69) Pentachlorophenol	11.01	266	245927	89.79	nq	98
70) Phenanthrene	11.21	178	1156958	42.50	nq	98
71) Anthracene	11.27	178	1264108	58.15	nq	98
72) Carbazole	11.43	167	1080726	51.57	nq	99
73) Di-n-butylphthalate	11.77	149	1379640	54.34	nq	# 97
74) Fluoranthene	12.41	202	1193537	50.44	nq	94
76) Benzidine	12.53	184	286903	25.11	nq	98
77) Pyrene	12.63	202	1129515	38.55	nq	99
79) Butylbenzylphthalate	13.26	149	548790	41.19	nq	100
80) Benzo(a)anthracene	13.82	228	1196872	53.10	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	284400	33.27	nq	98
82) Chrysene	13.85	228	937546	41.47	nq	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	709608	45.22	nq	# 95
84) Di-n-octyl phthalate	14.44	149	1415490	48.69	nq	95
85) Indeno(1,2,3-cd)pyrene	16.52	276	1277587	65.23	nq	98
87) Benzo(b)fluoranthene	14.84	252	1551468m	50.19	nq	
88) Benzo(k)fluoranthene	14.86	252	881473m	33.44	nq	
89) Benzo(a)pyrene	15.16	252	1198688	43.69	nq	98
90) Dibenzo(a,h)anthracene	16.53	278	1031496	45.74	nq	99
91) Benzo(g,h,i)perylene	16.91	276	1069022	45.59	nq	# 94

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

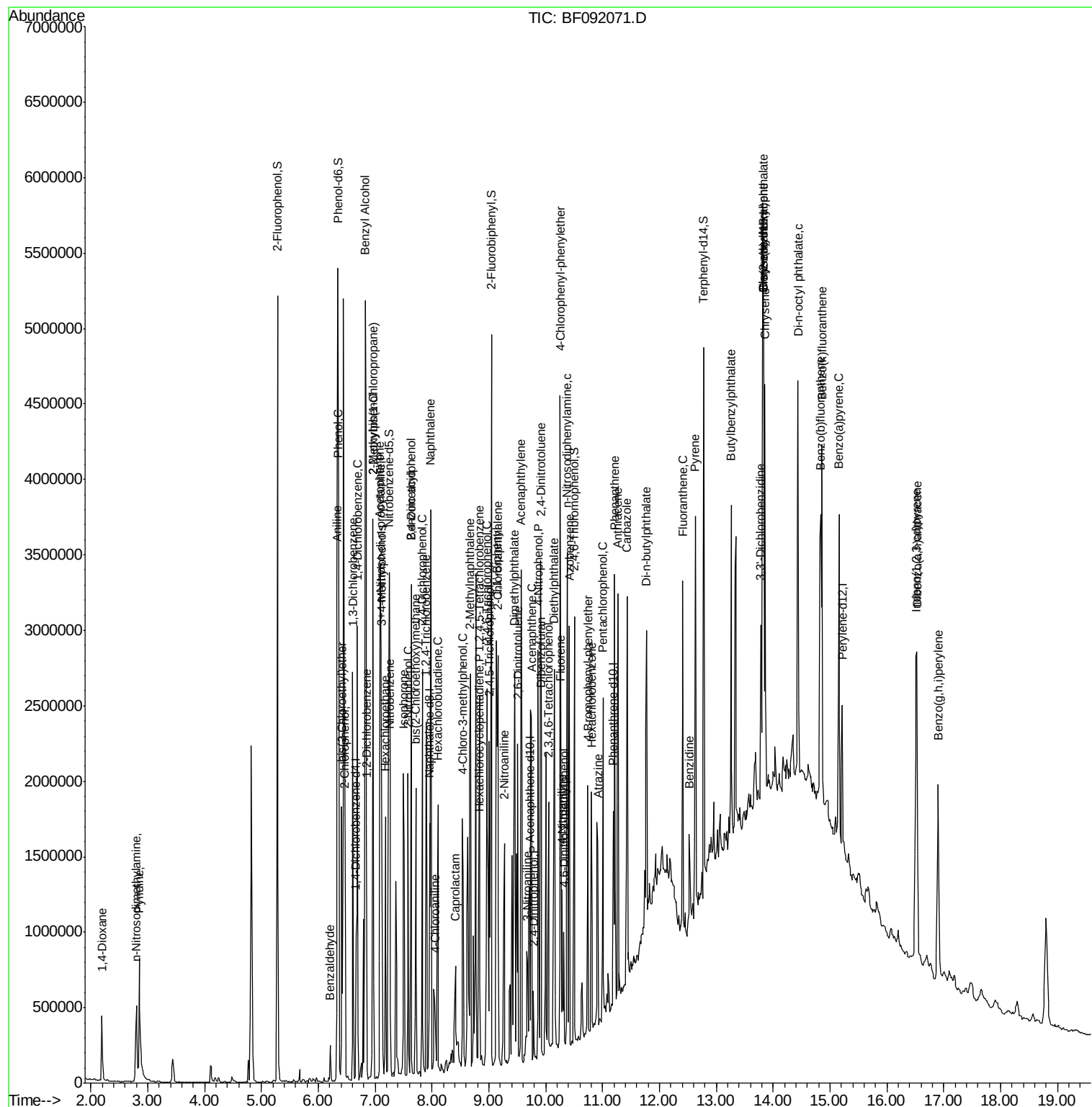
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
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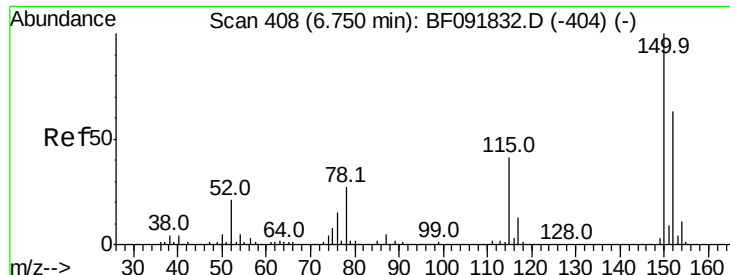
Instrument :
 BNA_F
 ClientSampleID :
 TP9-COMP9MSD

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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: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:152 Resp: 195230

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

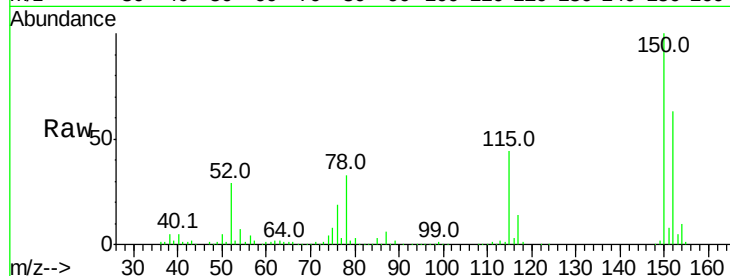
115 69.9 46.0 69.0#

Manual Integrations

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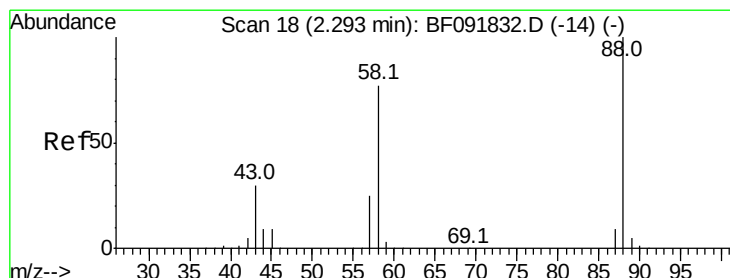
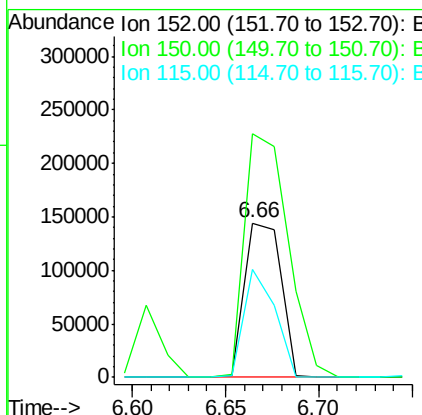
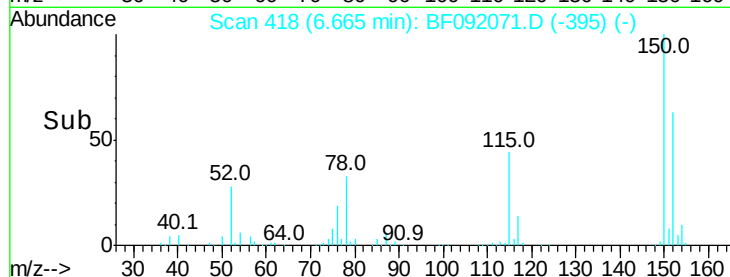
1/4/2017 2:05:52 PM



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: 44.50 ng

RT: 2.20 min Scan# 27

Delta R.T. 0.01 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

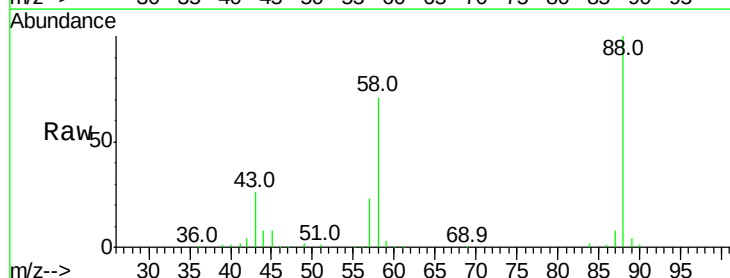
Tgt Ion: 88 Resp: 256158

Ion Ratio Lower Upper

88 100

58 73.0 57.8 86.8

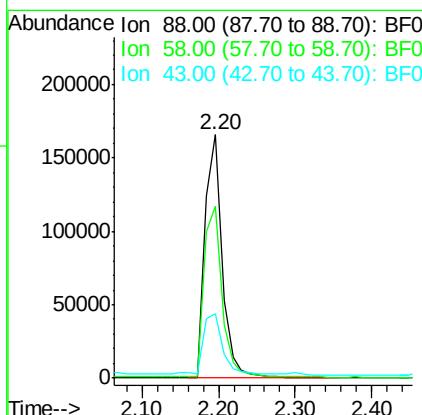
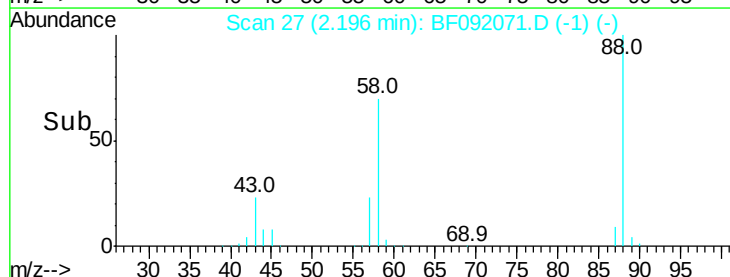
43 27.0 22.3 33.5

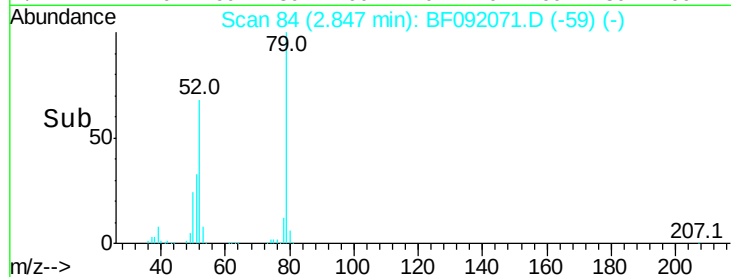
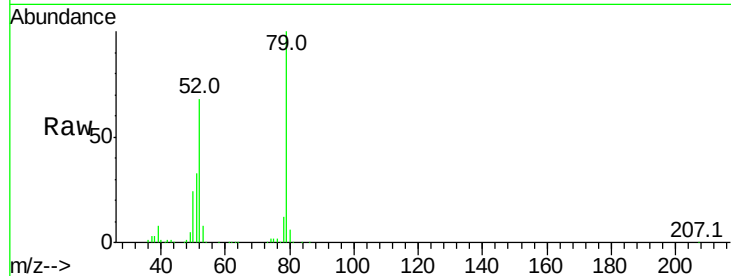
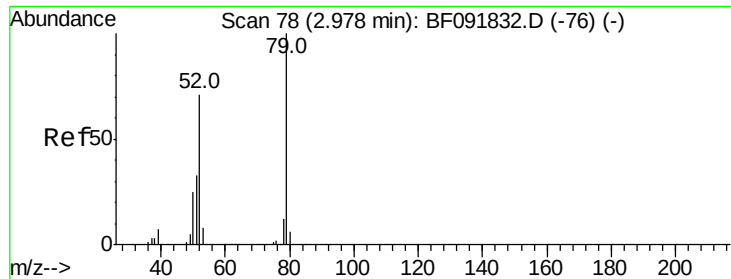


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





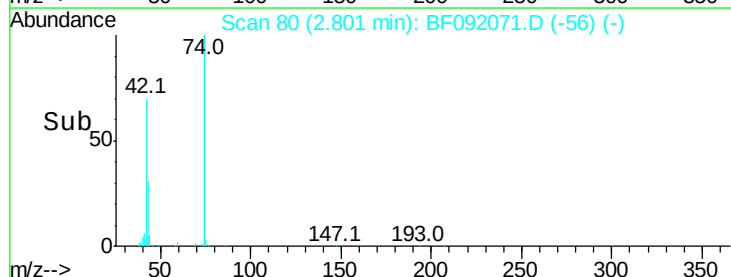
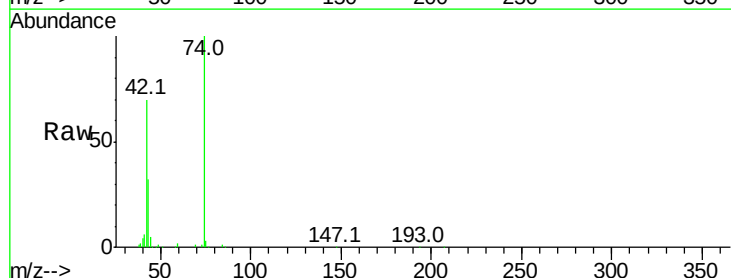
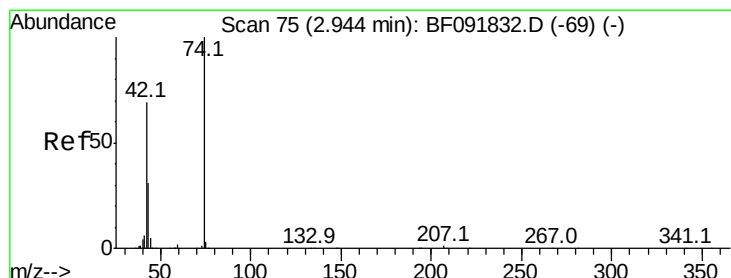
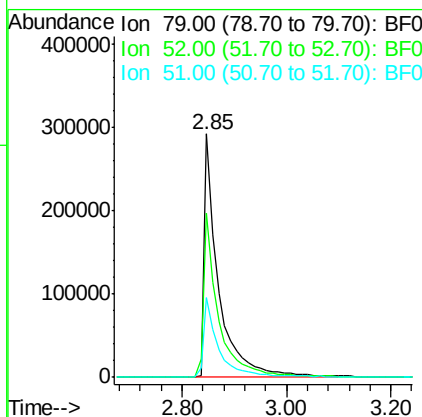
#3
Pvridine
Concen: 28.00 ng
RT: 2.85 min Scan# 84
Delta R.T. -0.02 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.7	57.1	85.7
51	33.0	27.3	40.9

Instrument :
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ClientSampleId :
TP9-COMP9MSD

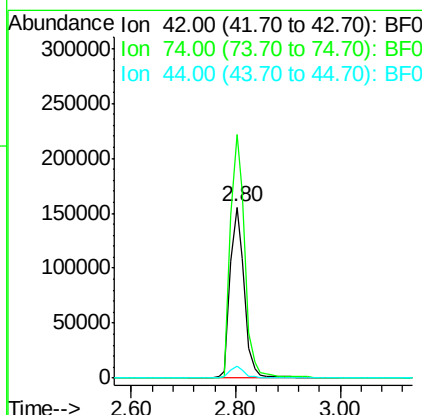
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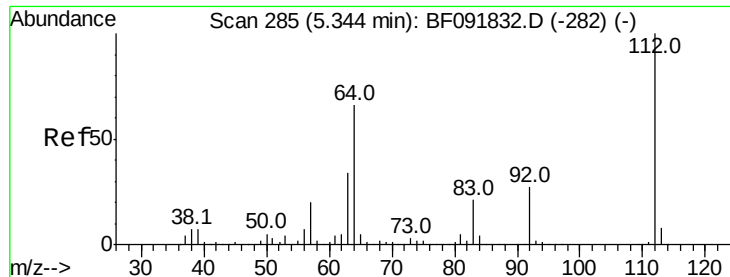
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#4
n-Nitrosodimethylamine
Concen: 39.22 ng
RT: 2.80 min Scan# 80
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.6	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 139.18 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:112 Resp: 1627392

Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

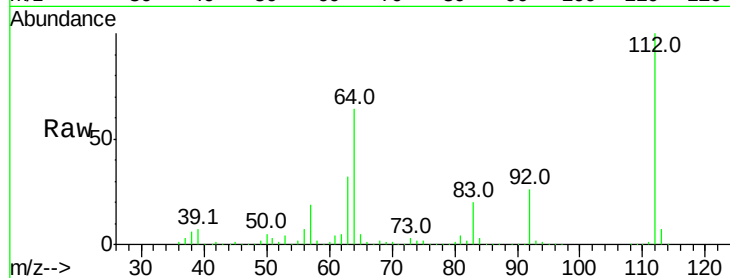
63 32.5 23.8 35.6

Manual Integrations

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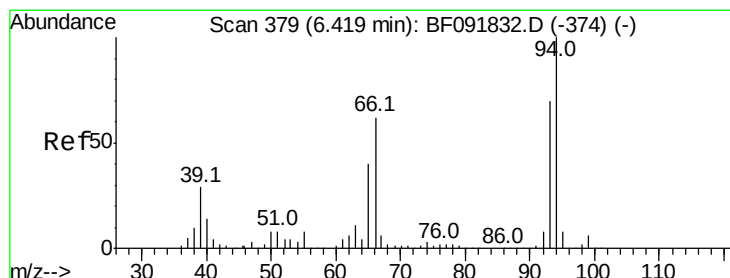
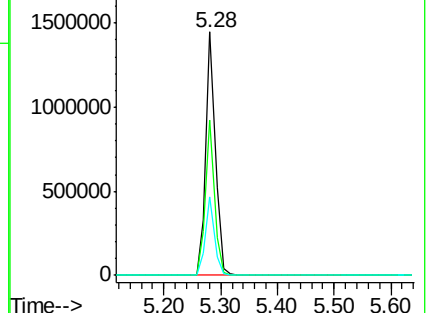
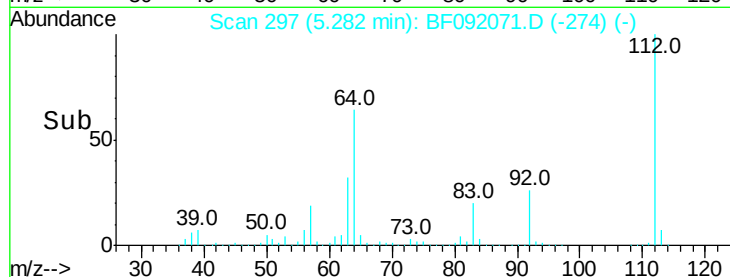
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.22 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

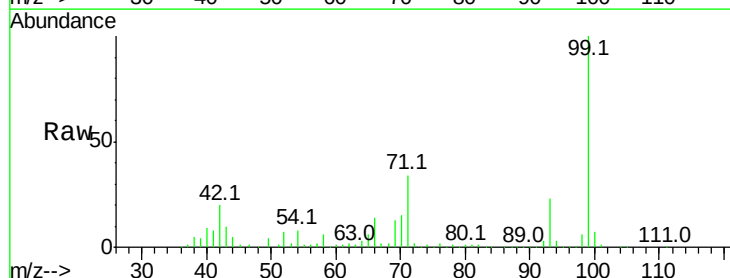
Tgt Ion: 93 Resp: 411927

Ion Ratio Lower Upper

93 100

66 63.3 76.2 114.2#

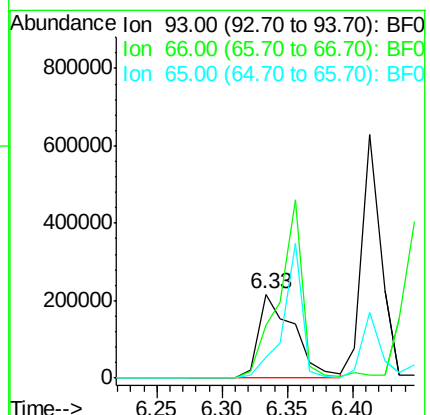
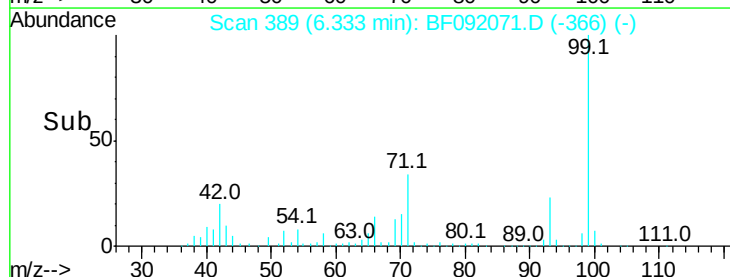
65 25.2 49.3 73.9#

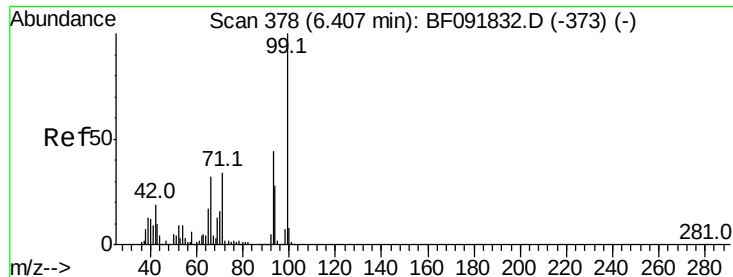


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.97 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion: 99 Resp: 1969589

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

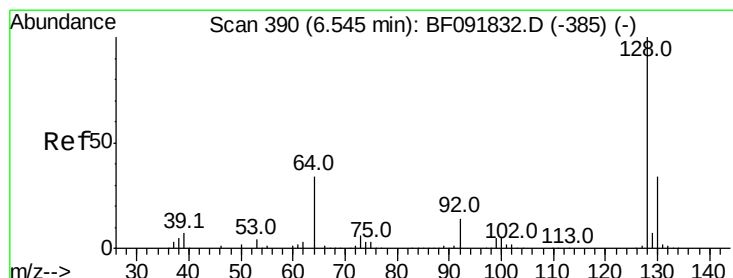
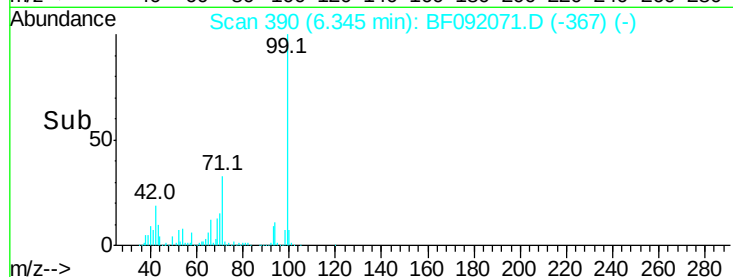
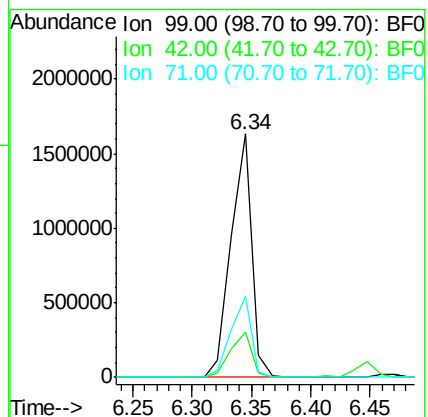
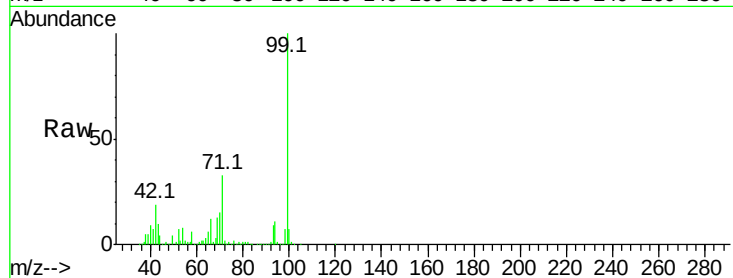
71 33.4 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.66 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

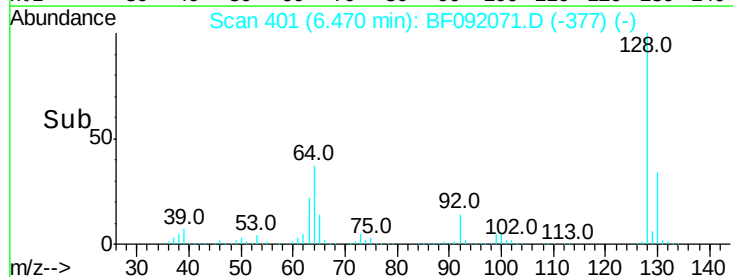
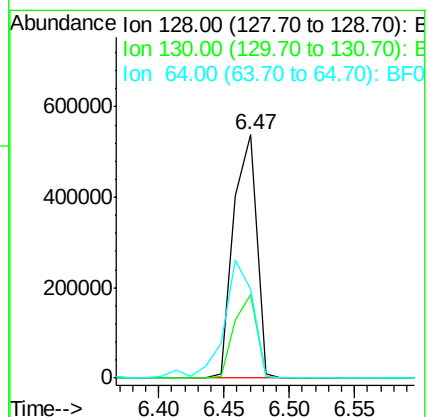
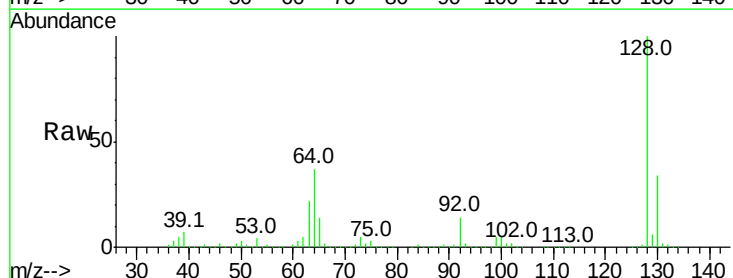
Tgt Ion:128 Resp: 660454

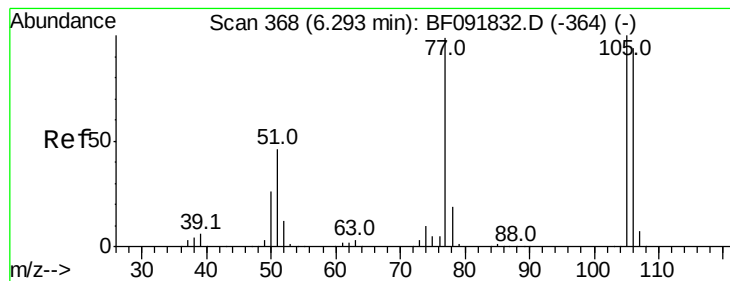
Ion Ratio Lower Upper

128 100

130 34.1 12.3 52.3

64 36.5 32.2 72.2





#9

Benzaldehyde

Concen: 6.36 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion: 77 Resp: 69061

Ion Ratio Lower Upper

77 100

105 85.8 83.9 123.9

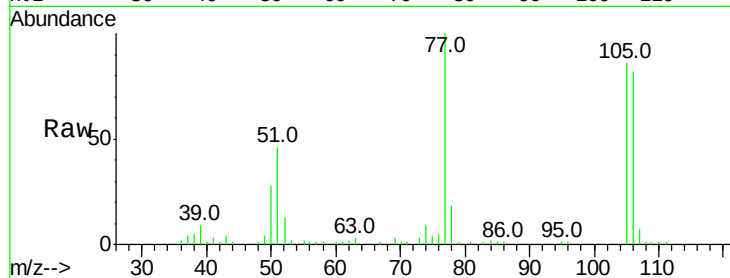
106 81.7 77.6 117.6

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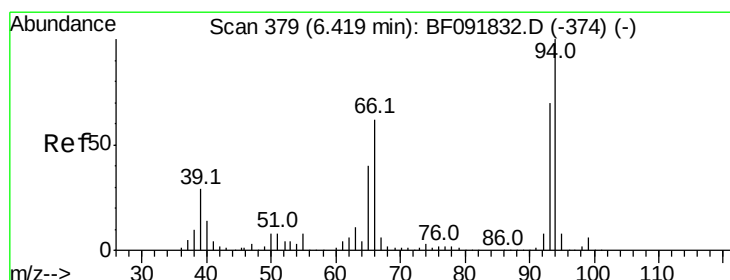
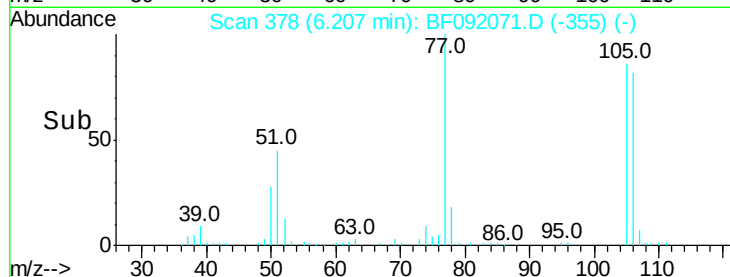
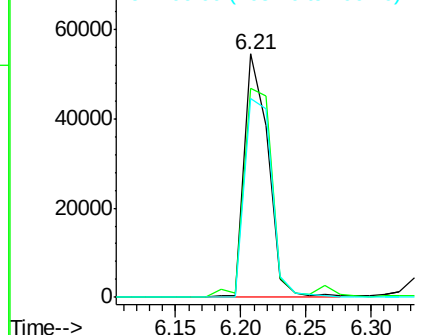
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 59.05 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

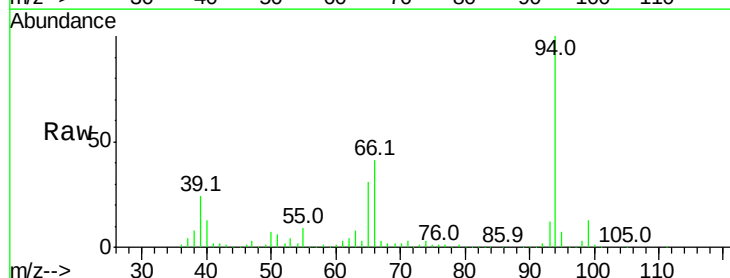
Tgt Ion: 94 Resp: 960616

Ion Ratio Lower Upper

94 100

65 30.7 21.4 61.4

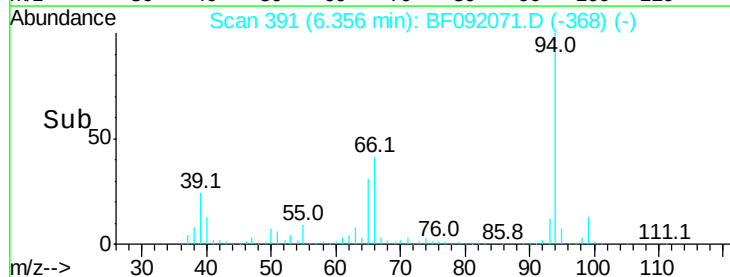
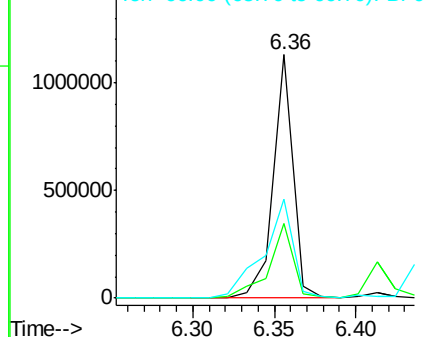
66 40.8 44.0 84.0#

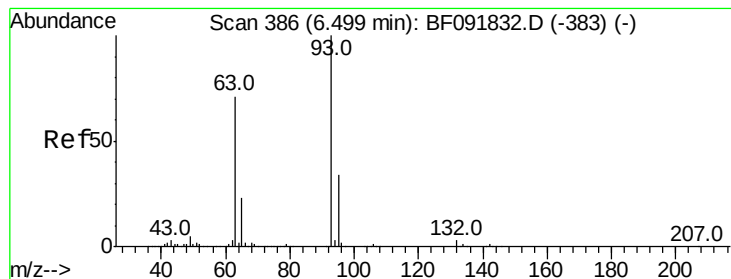


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





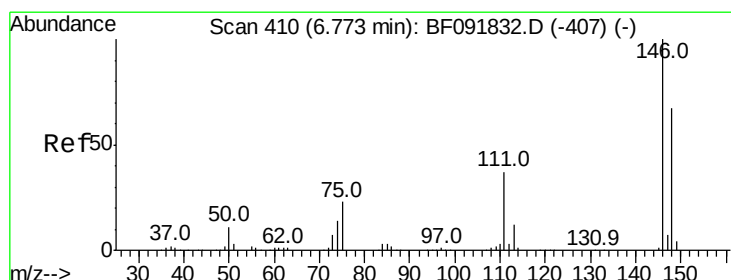
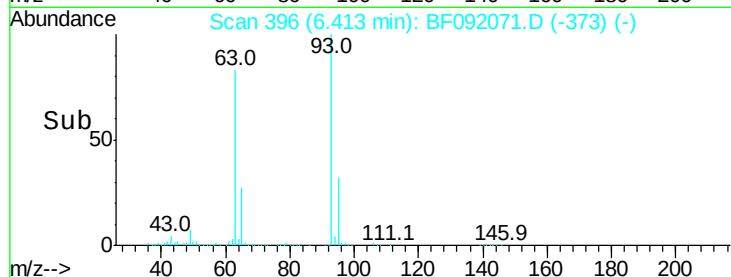
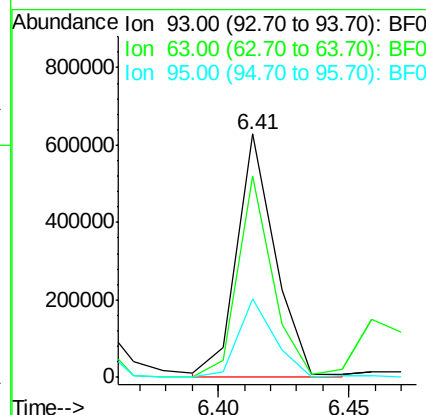
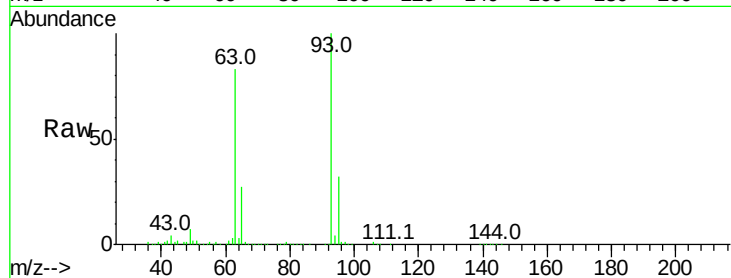
#11
bis(2-Chloroethyl)ether
Concen: 50.11 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion:	93	Resp:	648595
Ion Ratio	Lower	Upper	
93	100		
63	82.6	60.4	100.4
95	32.5	12.8	52.8

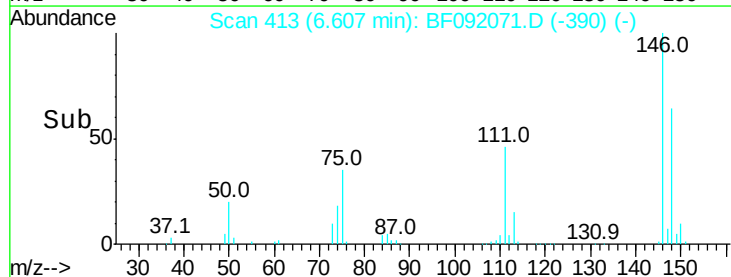
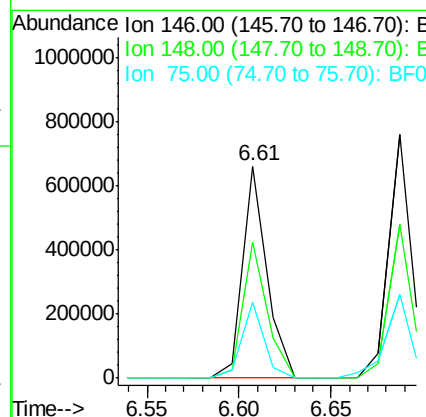
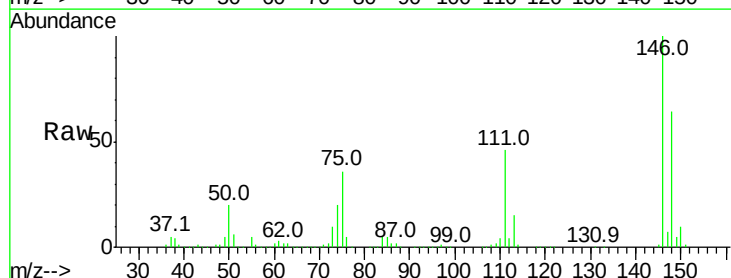
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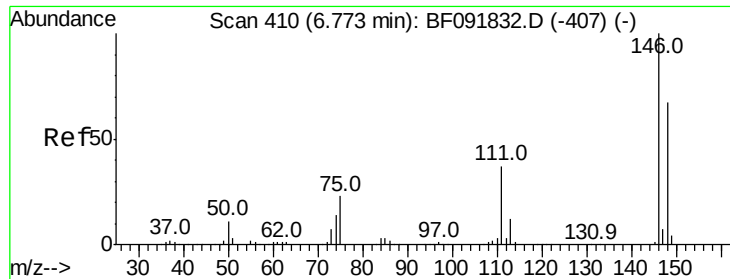
Sohil
1/4/2017 2:05:52 PM



#12
1,3-Dichlorobenzene
Concen: 43.31 ng m
RT: 6.61 min Scan# 413
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:	146	Resp:	614972
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.4	80.0
75	35.7	18.5	27.7#





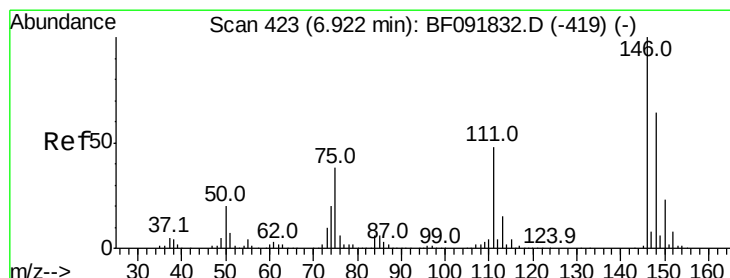
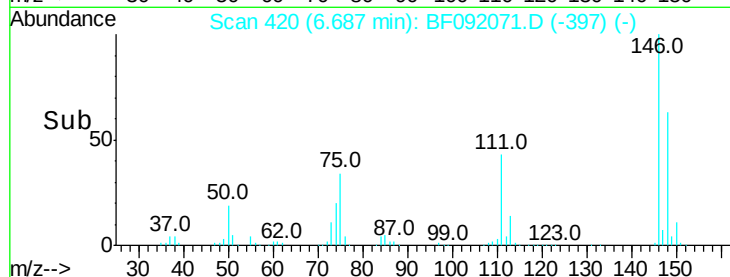
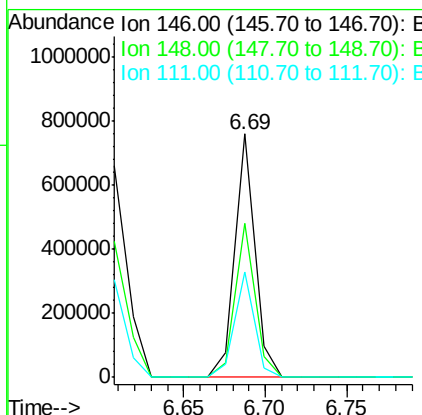
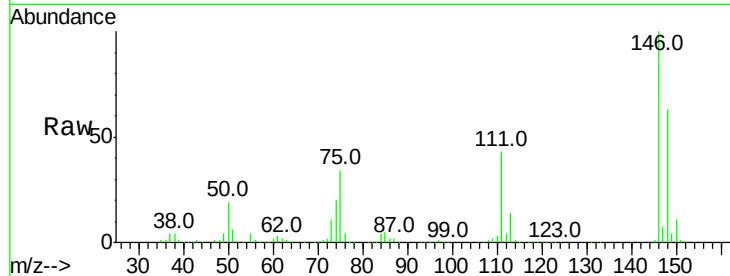
#13
 1,4-Dichlorobenzene
 Concen: 44.31 ng
 RT: 6.69 min Scan# 420
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	43.3	36.2	54.4

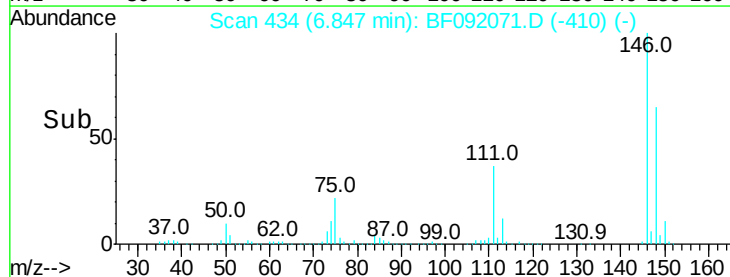
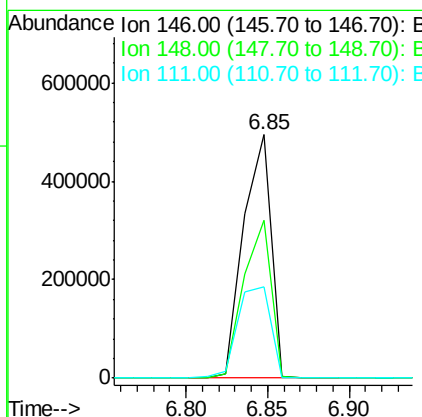
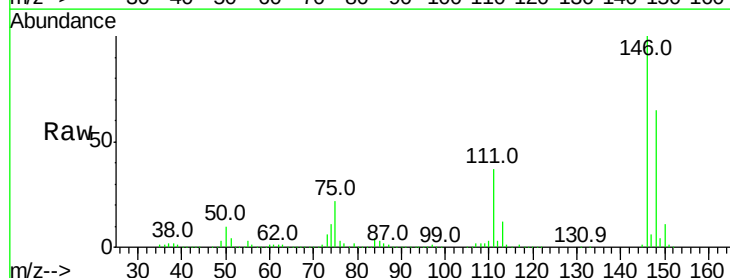
Manual Integrations
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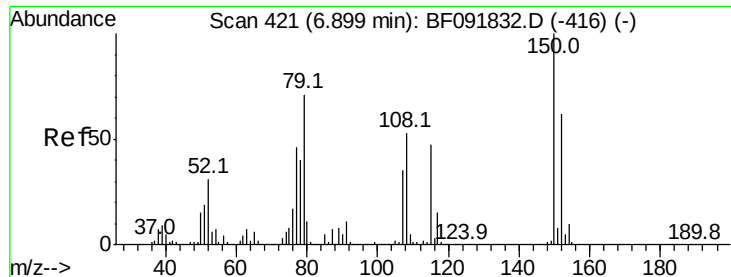
Sohil
 1/4/2017 2:05:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.99 ng
 RT: 6.85 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.2
111	37.4	36.2	54.2





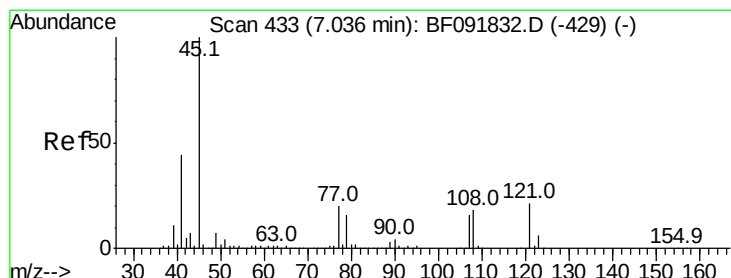
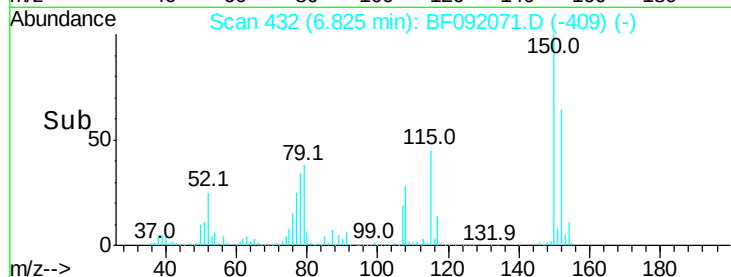
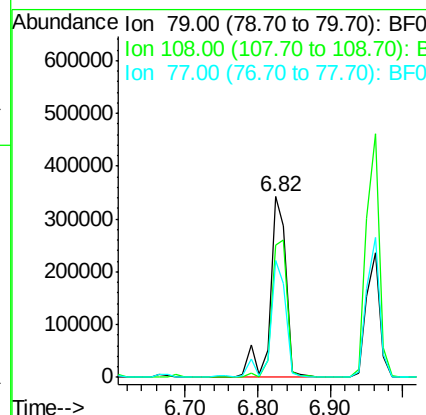
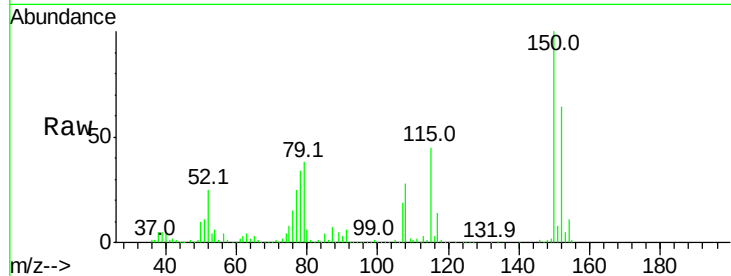
#15
Benzyl Alcohol
Concen: 47.97 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	61.4	92.0
77	64.9	50.9	76.3

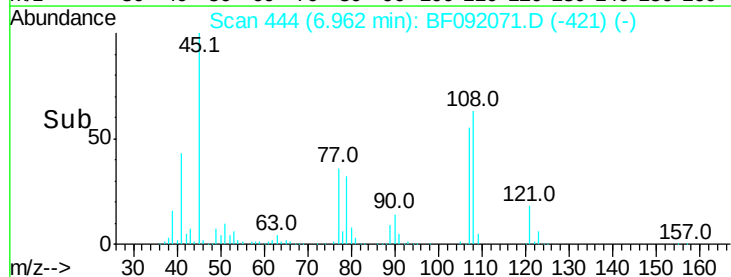
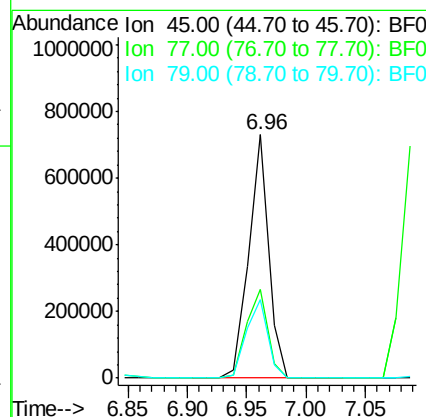
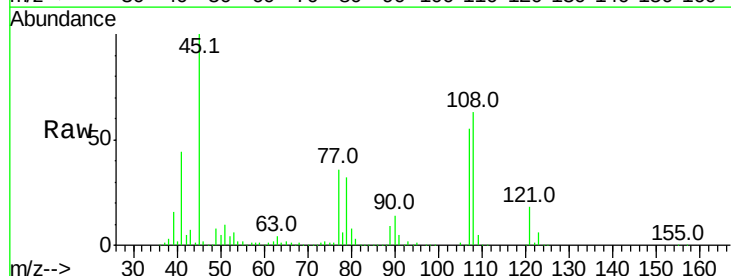
Manual Integrations
APPROVED

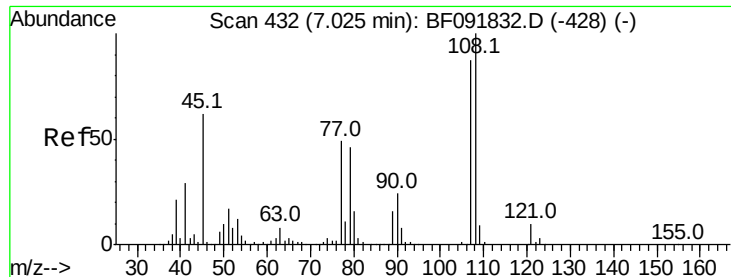
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.47 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.2	0.0	34.6#
79	32.5	0.0	31.2#





#17

2-Methylphenol

Concen: 46.97 ng

RT: 6.96 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

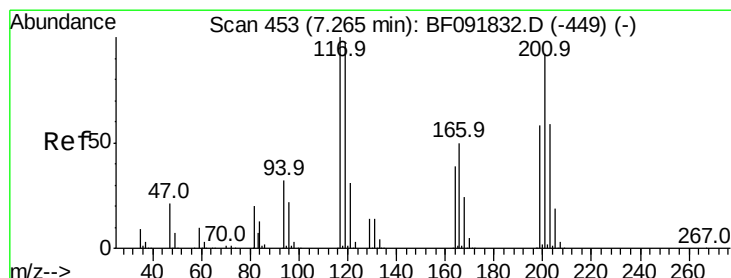
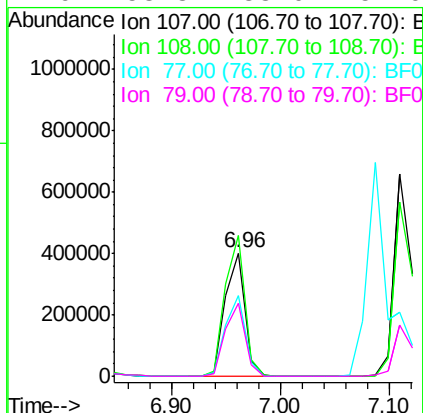
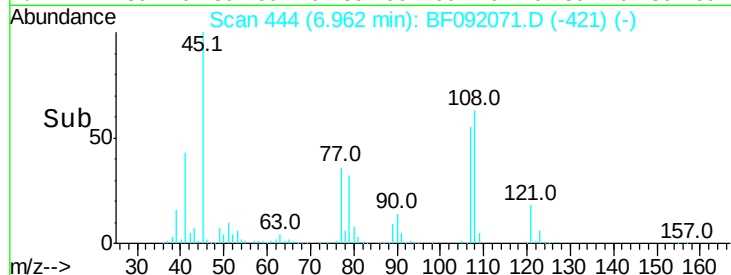
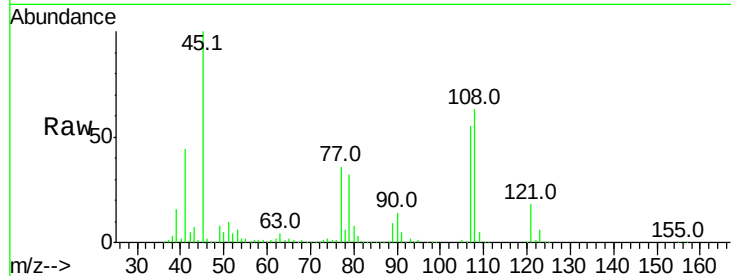
ClientSampleId :

TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	93.0	139.6	
77	65.6	39.8	59.8	
79	58.8	38.0	57.0	

Manual Integrations
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#18

Hexachloroethane

Concen: 44.84 ng

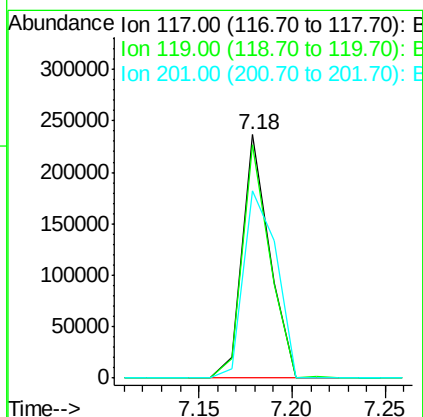
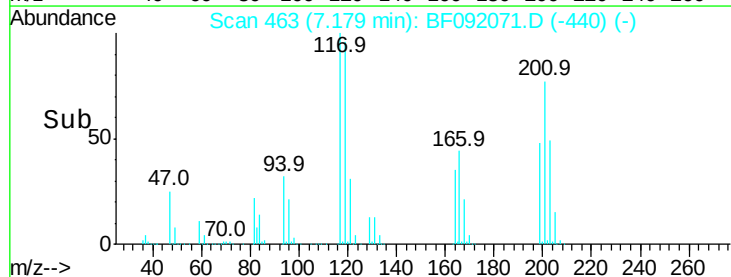
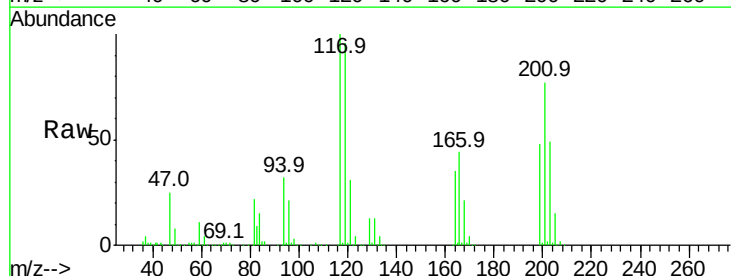
RT: 7.18 min Scan# 463

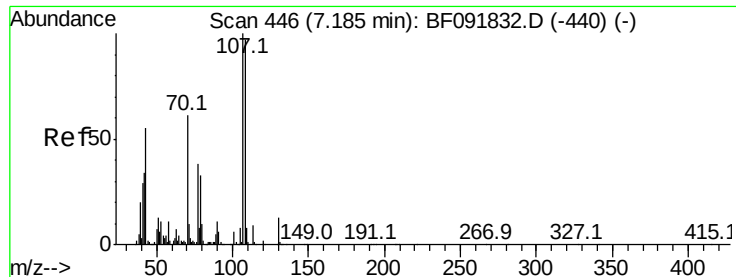
Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	78.1	117.1	
201	76.7	78.6	117.8	





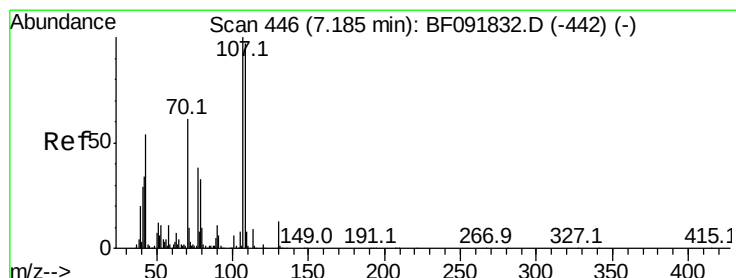
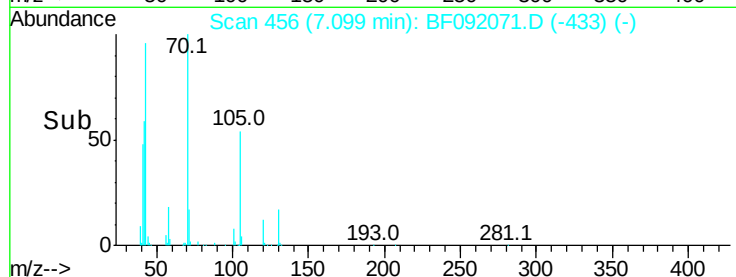
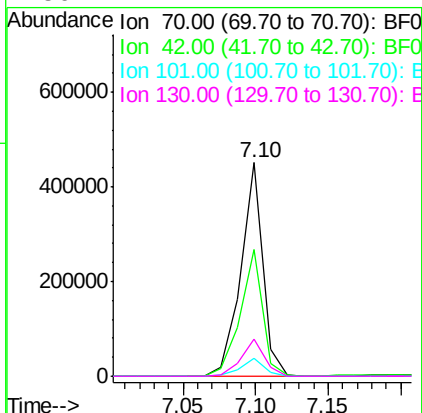
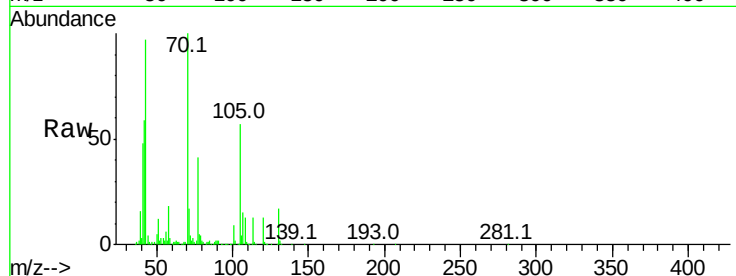
#19
n-Nitroso-di-n-propylamine
Concen: 49.58 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.3	49.4	74.0	
101	8.6	7.4	11.2	
130	17.4	14.2	21.4	

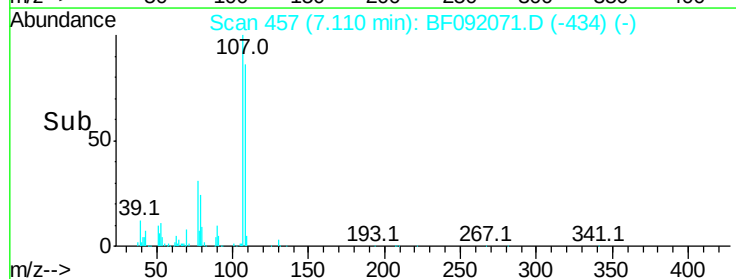
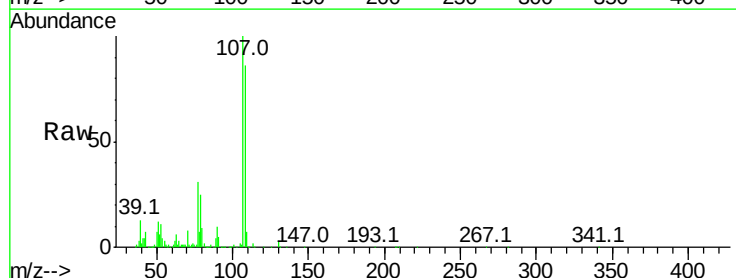
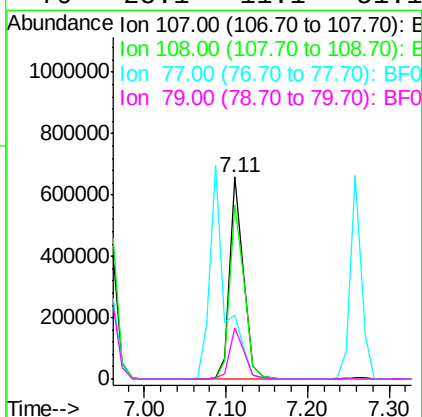
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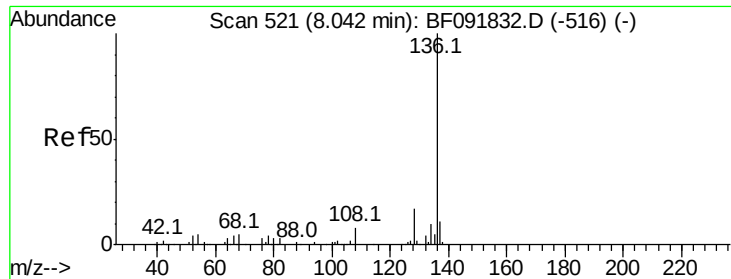
Sohil
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#20
3+4-Methylphenols
Concen: 60.29 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	73.0	113.0	
77	31.4	71.3	111.3#	
79	25.1	11.1	51.1	





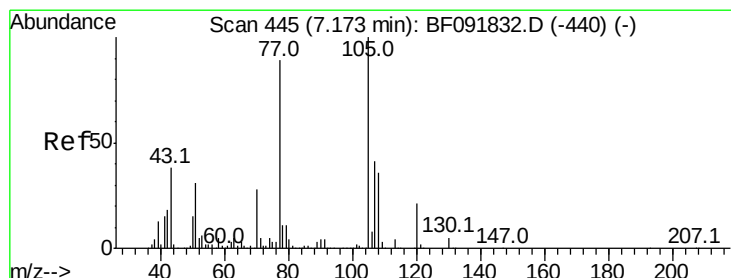
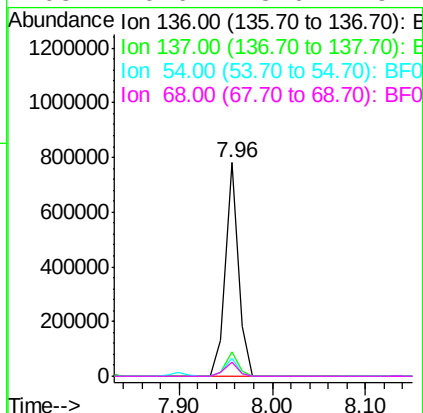
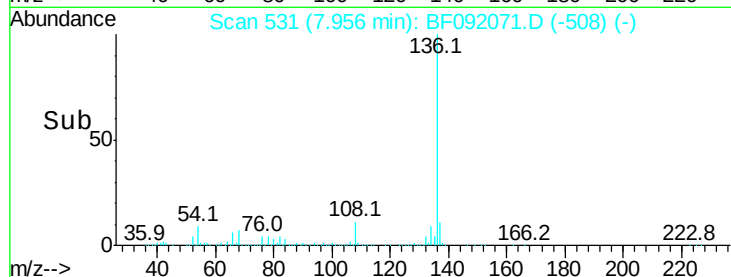
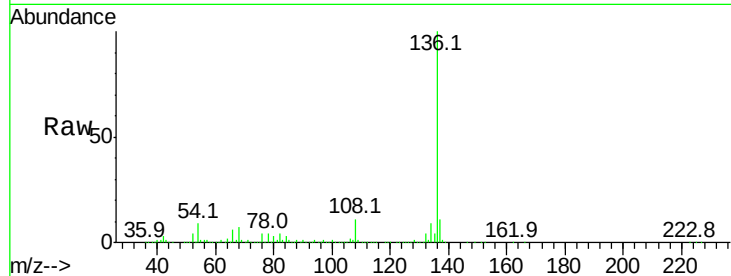
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.4	12.6	
54	8.7	4.5	6.7#	
68	6.6	3.6	5.4#	

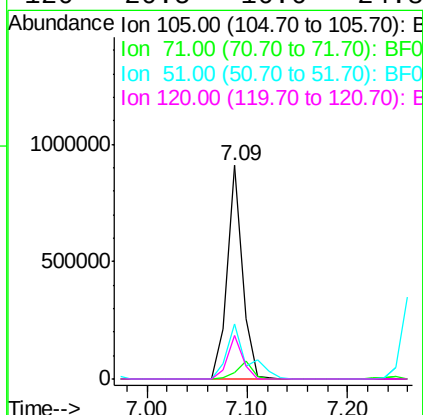
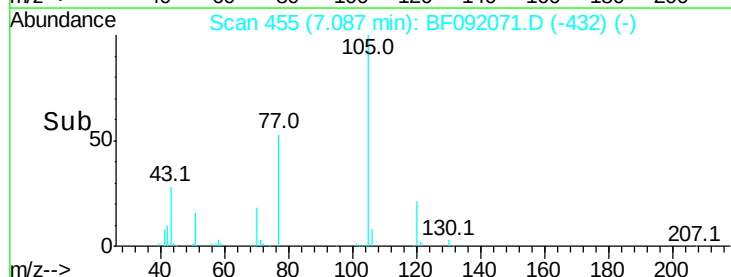
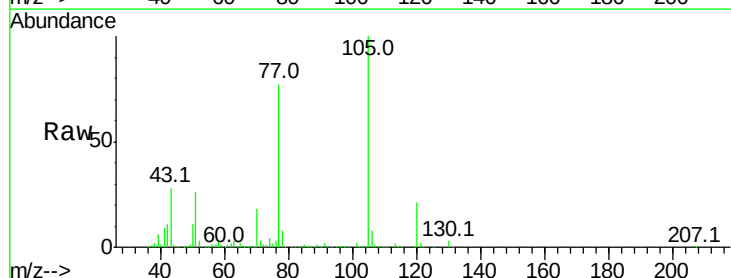
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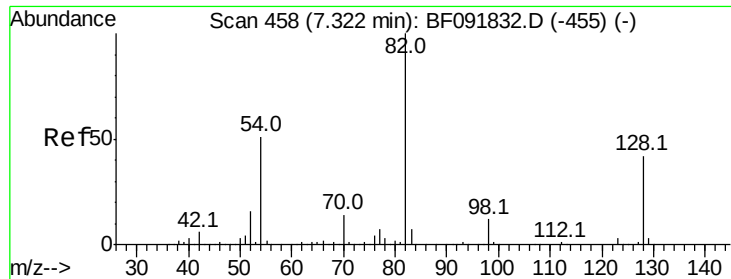
Sohil
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#22
Acetophenone
Concen: 51.44 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	3.2	4.8	
51	26.1	26.2	39.4#	
120	20.5	16.6	24.8	





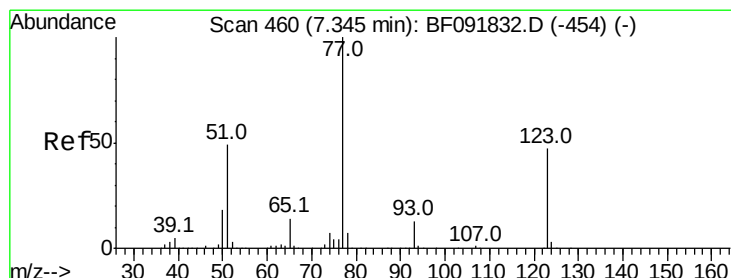
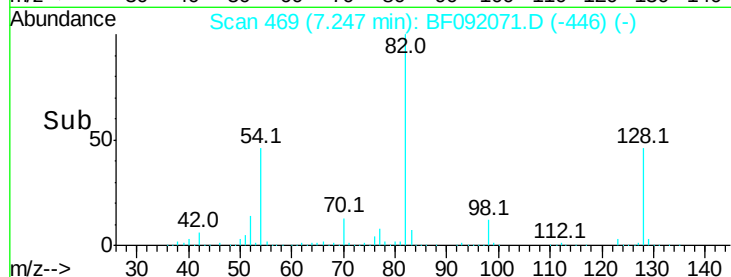
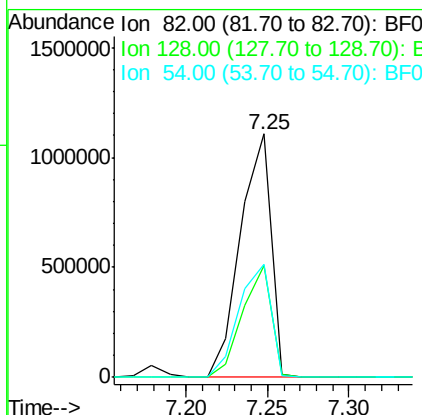
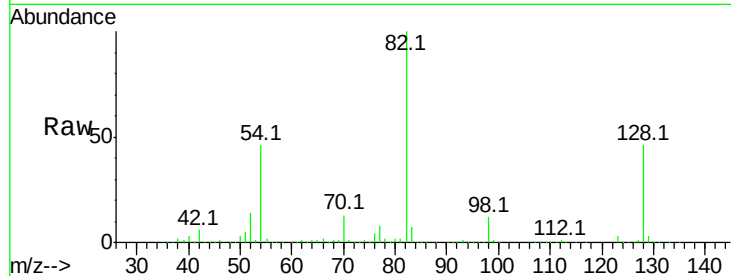
#23
 Nitrobenzene-d5
 Concen: 105.87 ng
 RT: 7.25 min Scan# 469
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	52.0
54	46.3	39.5	59.3

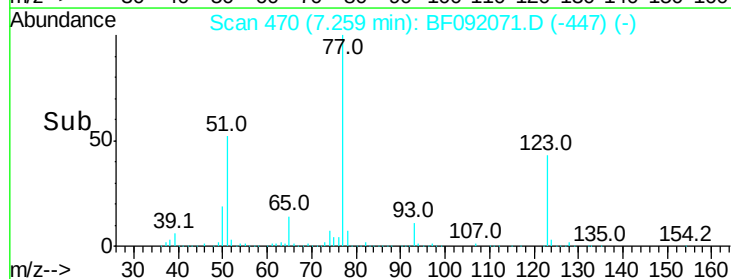
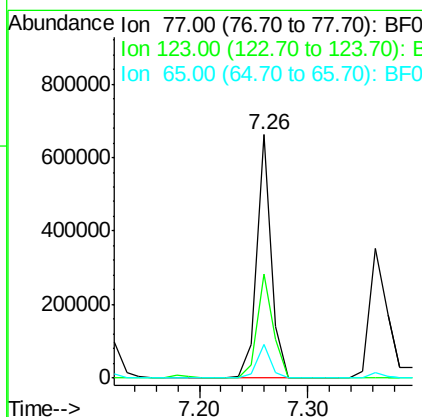
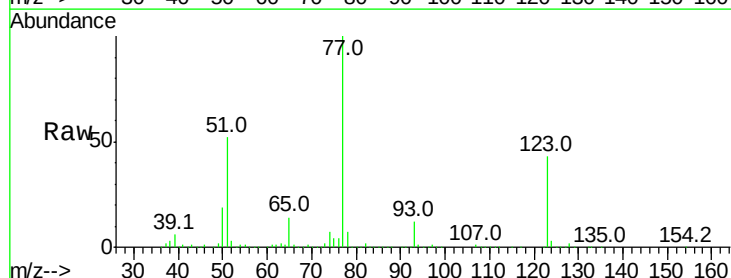
Manual Integrations
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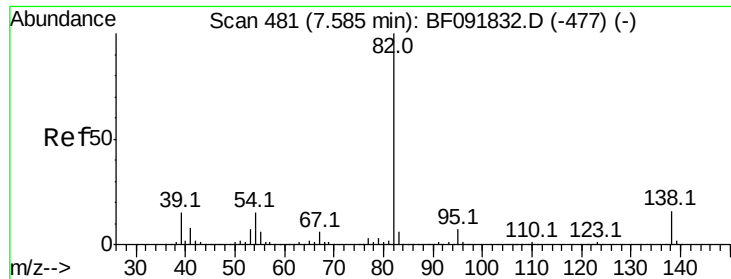
Sohil
 1/4/2017 2:05:52 PM



#24
 Nitrobenzene
 Concen: 42.82 ng
 RT: 7.26 min Scan# 470
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 49.08 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion: 82 Resp: 1230626

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

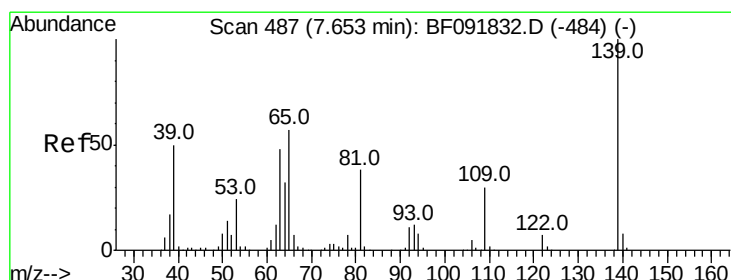
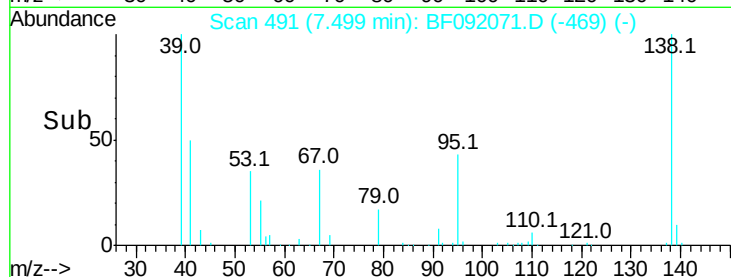
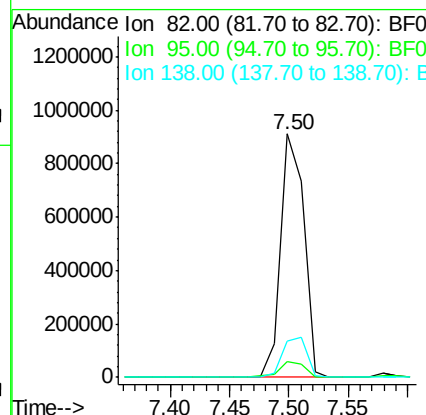
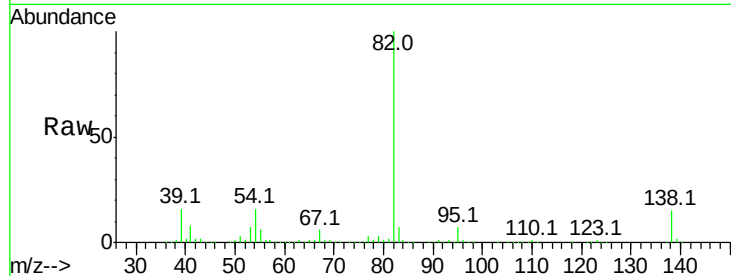
138 14.8 14.6 22.0

Manual Integrations

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Sohil

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#26

2-Nitrophenol

Concen: 49.08 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

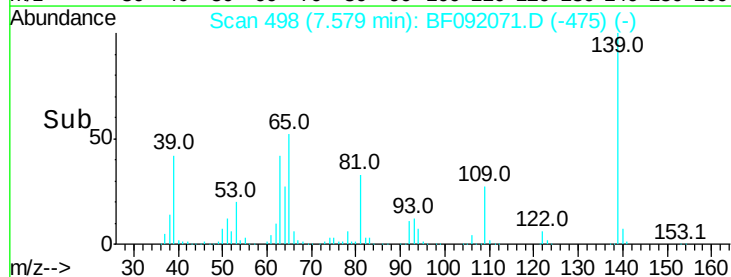
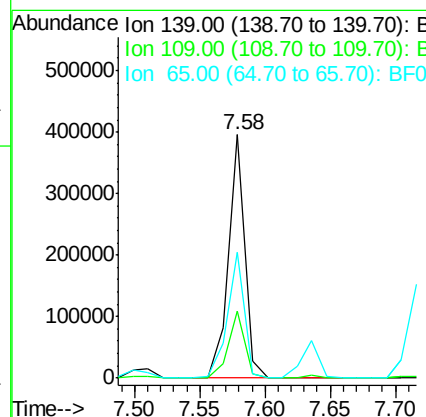
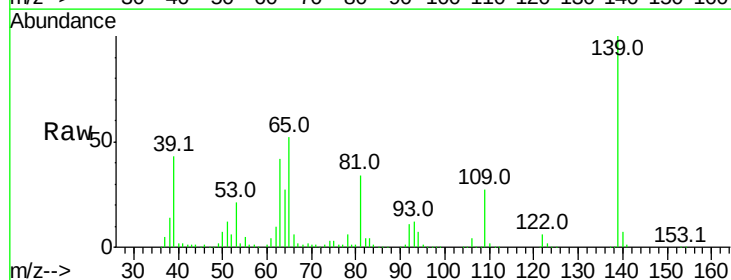
Tgt Ion: 139 Resp: 350327

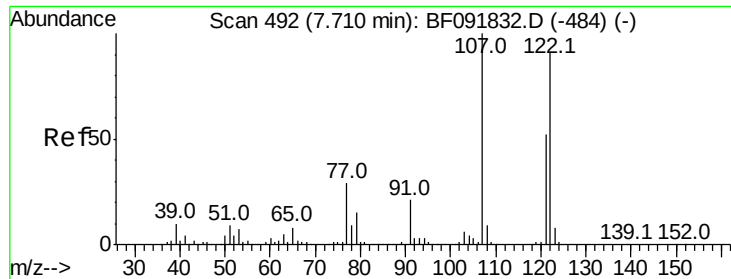
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 51.8 42.7 64.1





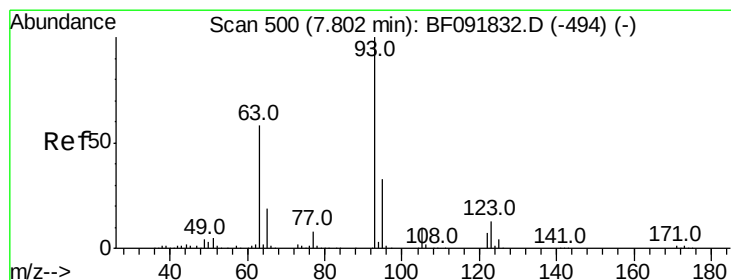
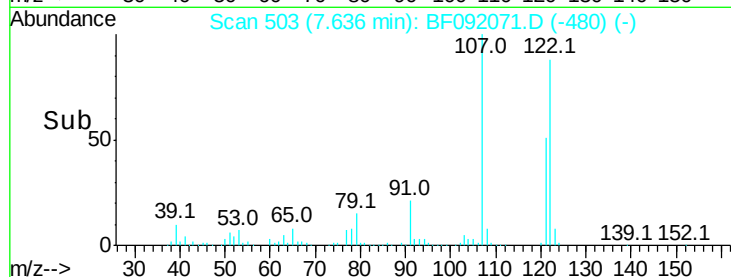
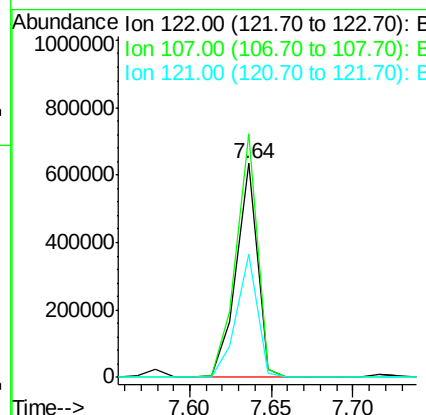
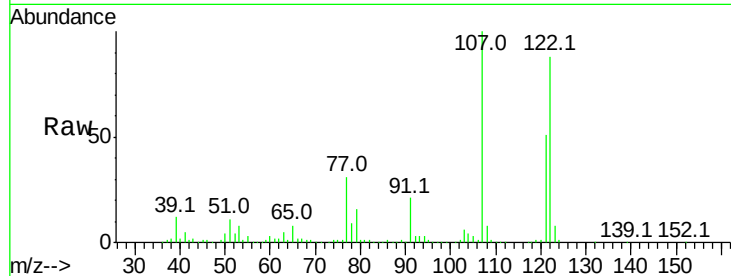
#27
2,4-Dimethylphenol
Concen: 48.15 ng
RT: 7.64 min Scan# 503
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	94.1	141.1
121	57.7	46.0	69.0

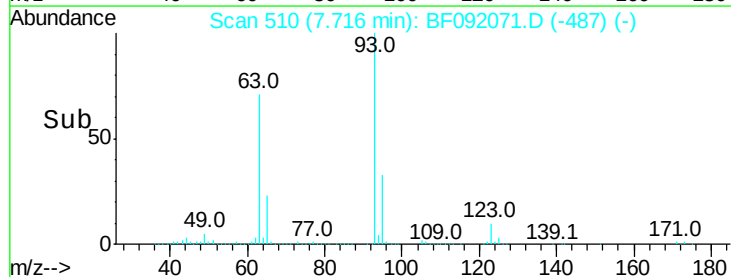
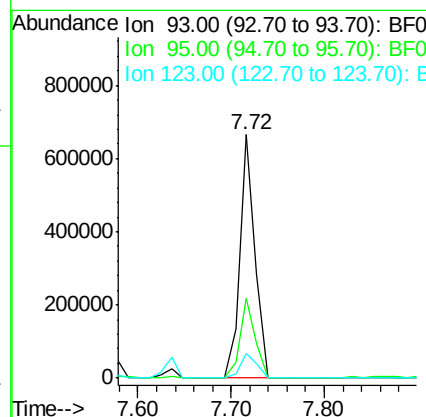
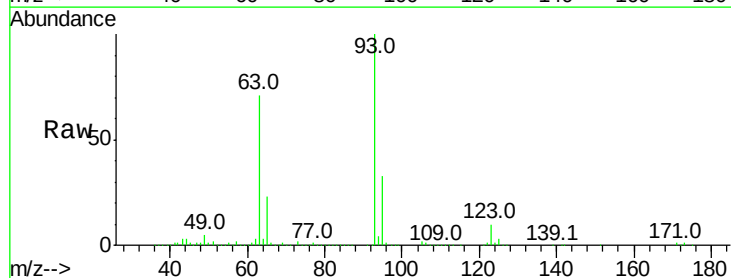
Manual Integrations
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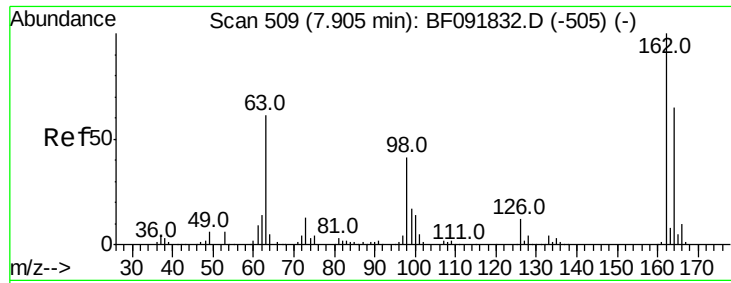
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.31 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.3	8.6	13.0





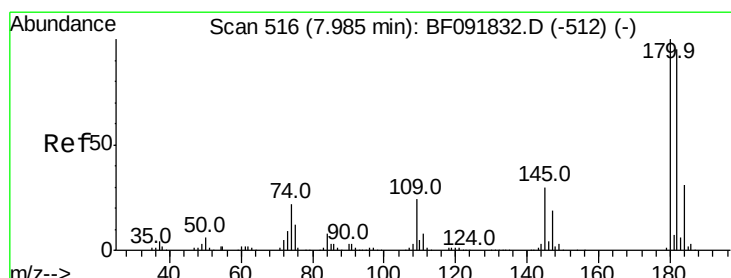
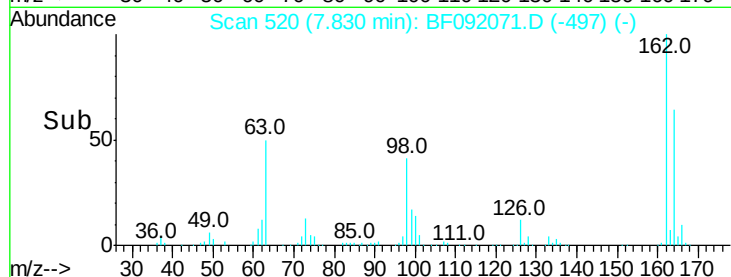
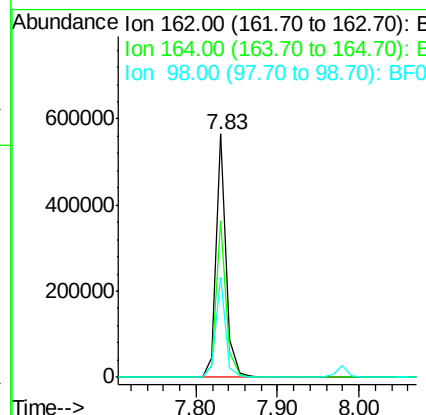
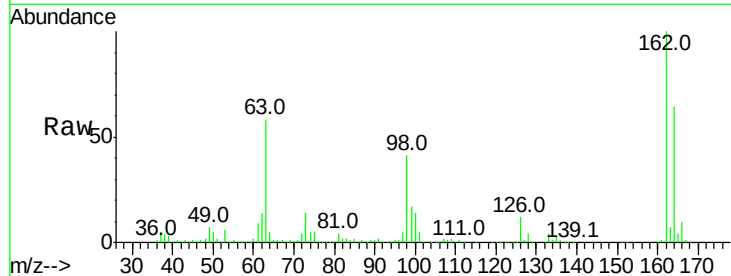
#29
 2,4-Dichlorophenol
 Concen: 49.03 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	46.8	86.8
98	41.3	9.1	49.1

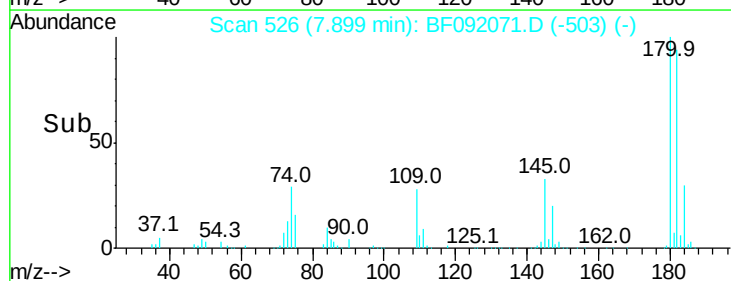
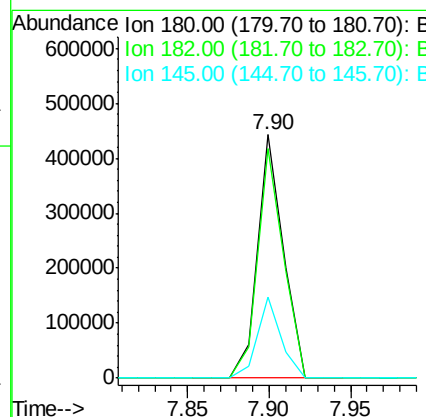
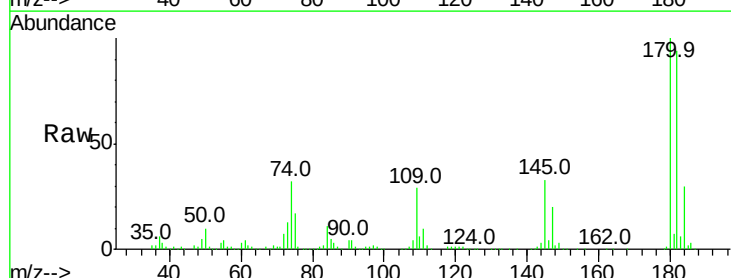
Manual Integrations
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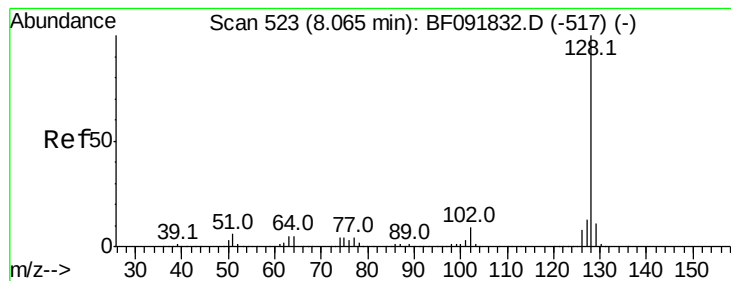
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.15 ng
 RT: 7.90 min Scan# 526
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	78.2	117.4
145	33.1	21.6	32.4#





#31

Naphthalene

Concen: 46.20 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:128 Resp: 1597719

Ion Ratio Lower Upper

128 100

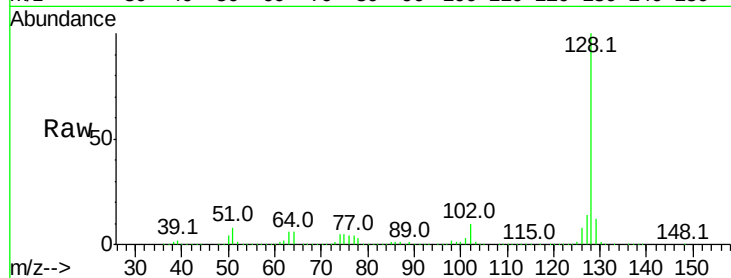
129 11.7 9.5 14.3

127 13.5 10.8 16.2

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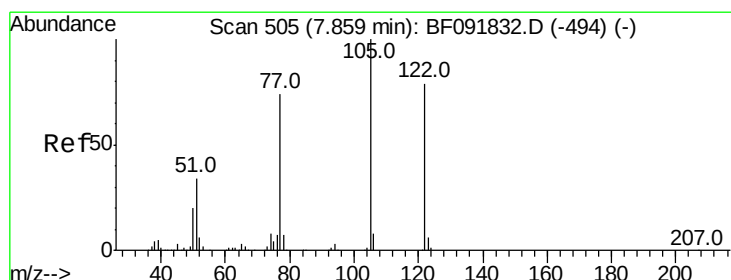
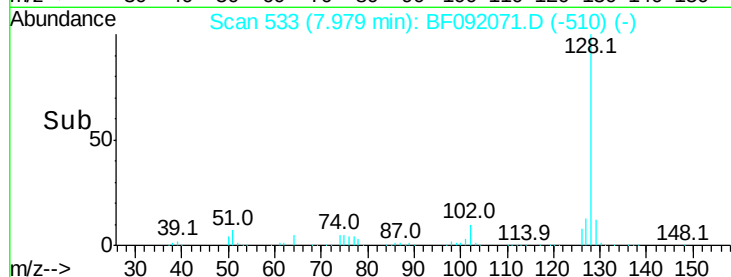
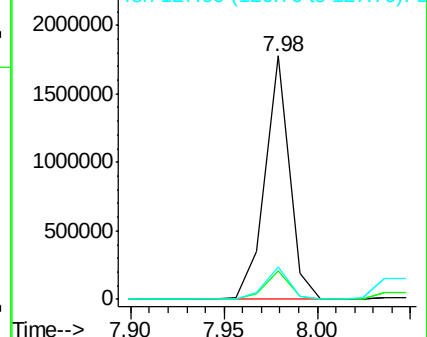
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 64.92 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.20 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

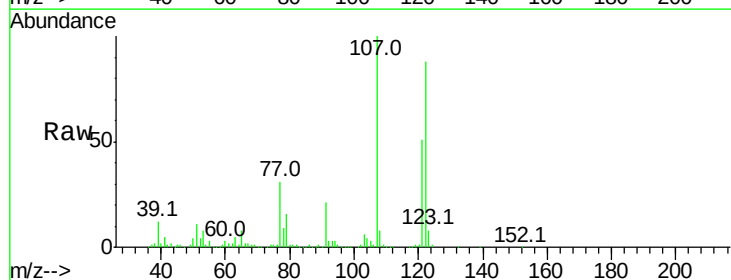
Tgt Ion:122 Resp: 570049

Ion Ratio Lower Upper

122 100

105 3.7 107.2 147.2#

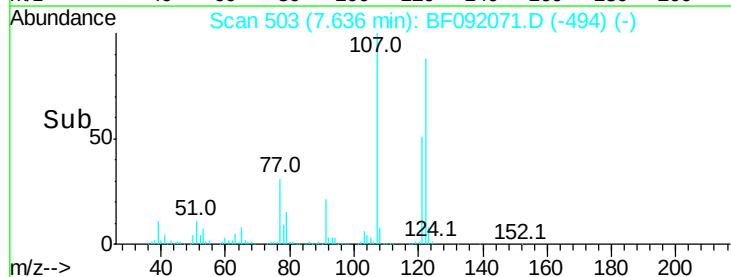
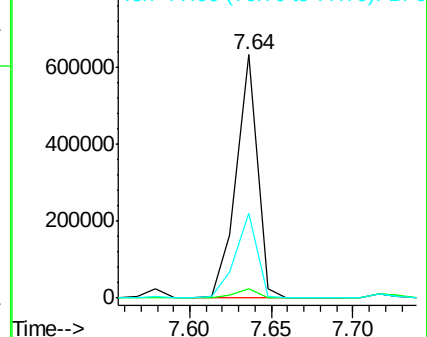
77 35.1 74.5 114.5#

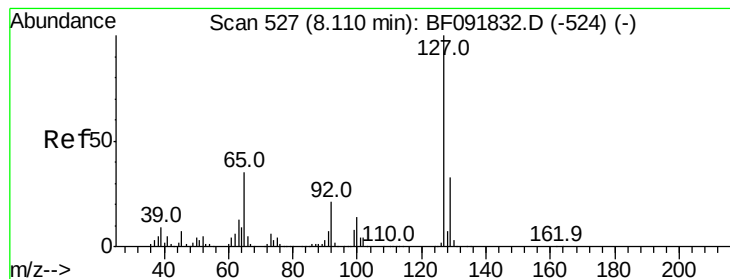


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.80 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

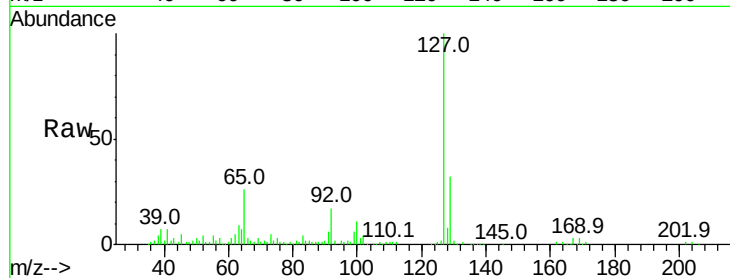
ClientSampleId :

TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	262032		
129	31.8	26.3	39.5	
65	25.6	25.8	38.8	
92	16.9	16.1	24.1	

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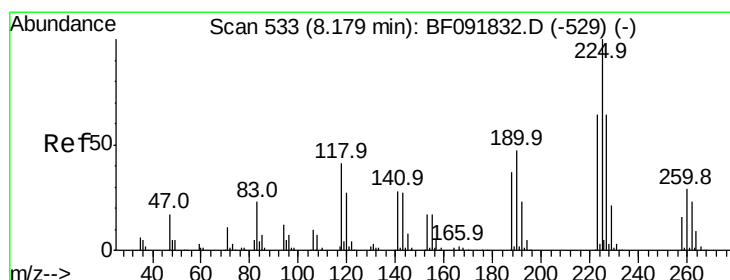
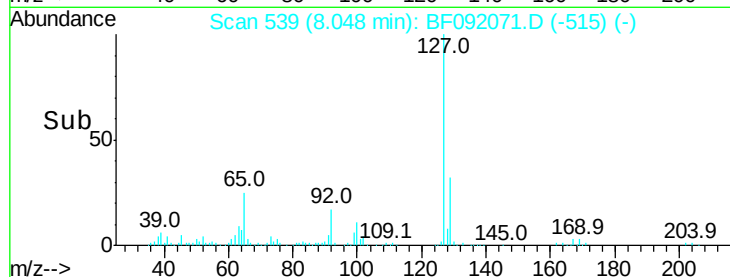
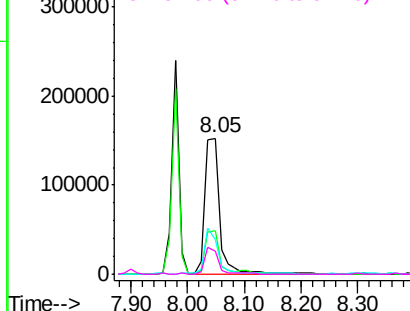


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.51 ng

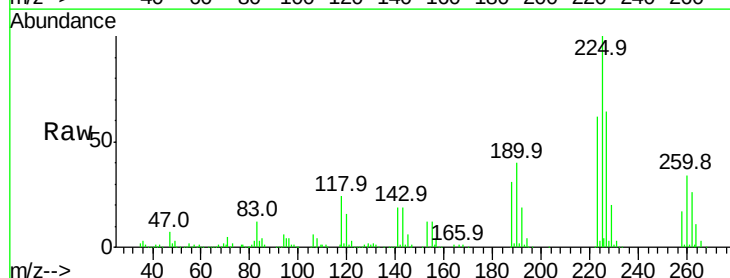
RT: 8.10 min Scan# 544

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

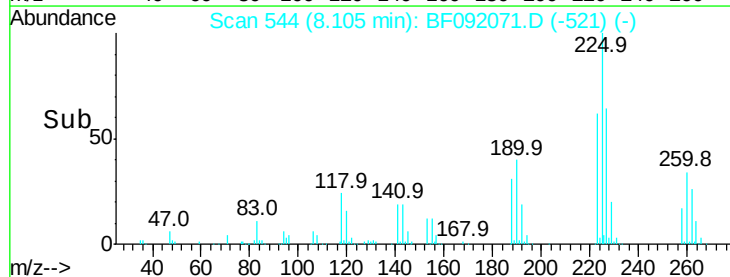
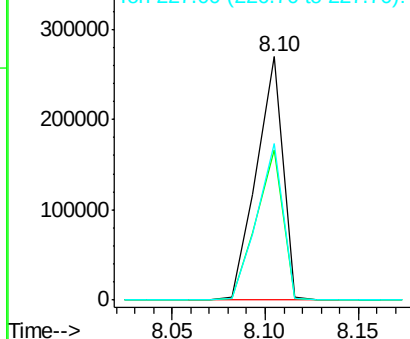
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	269717		
223	61.5	51.0	76.6	
227	64.2	50.6	76.0	

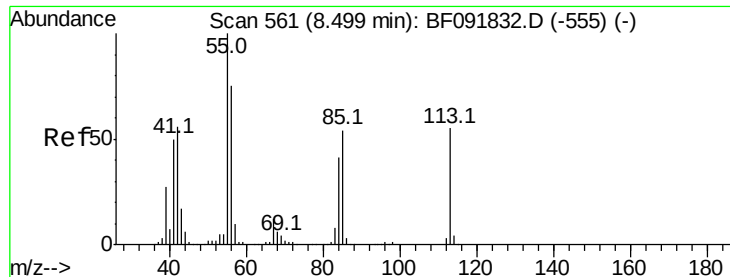


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.18 ng

RT: 8.41 min Scan# 571

Delta R.T. -0.06 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

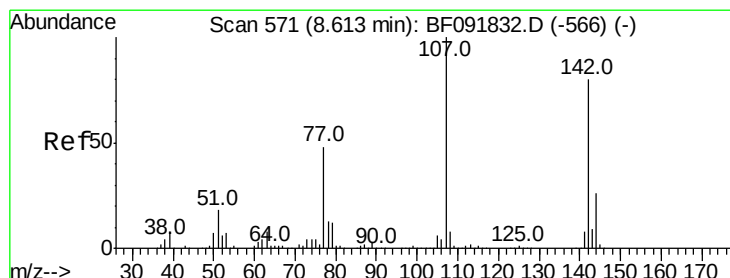
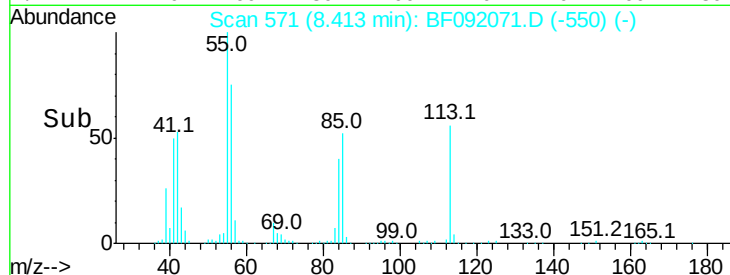
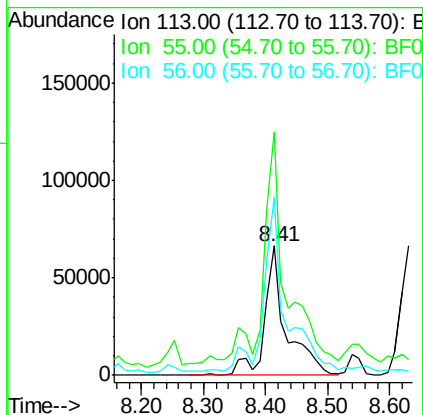
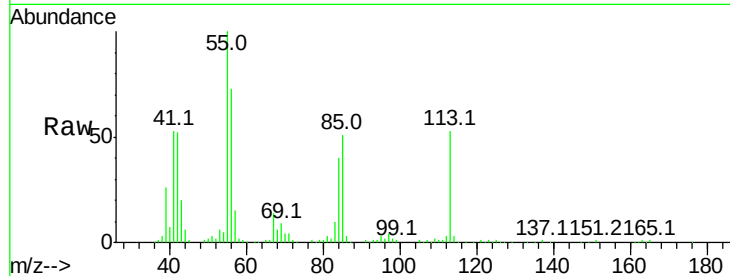
ClientSampleId :

TP9-COMP9MSD

Tot Ion:113	Resp:	162024
Ion Ratio	Lower	Upper
113	100	
55	188.4	119.2 159.2#
56	138.0	83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 42.92 ng

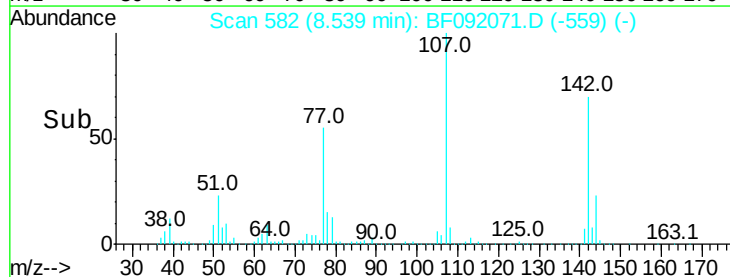
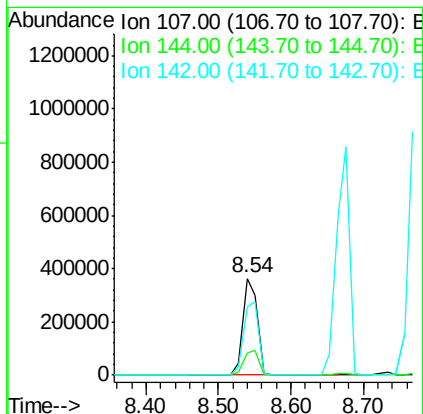
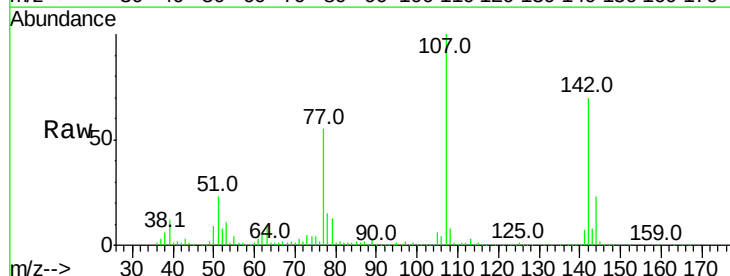
RT: 8.54 min Scan# 582

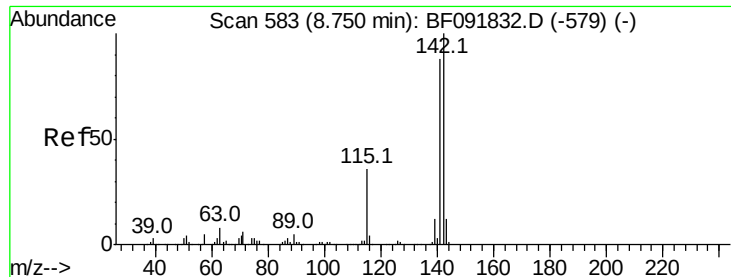
Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:107	Resp:	495112
Ion Ratio	Lower	Upper
107	100	
144	22.8	19.3 28.9
142	70.3	59.0 88.6





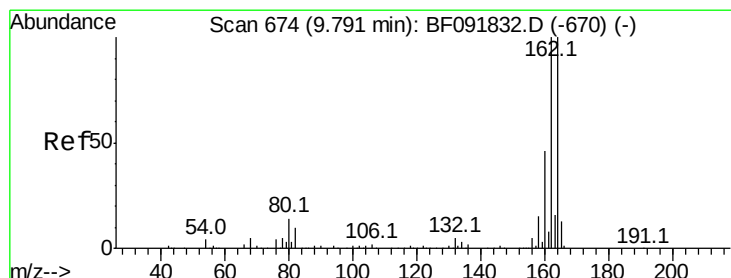
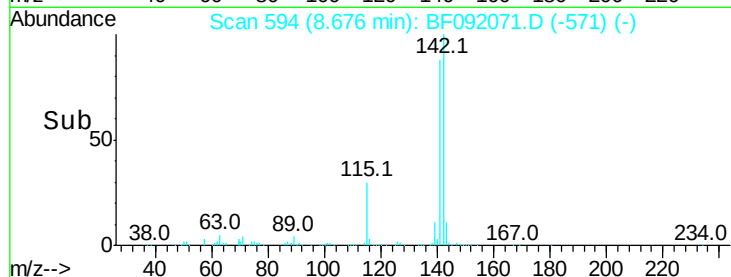
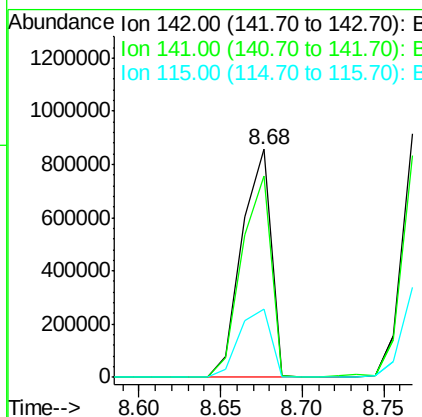
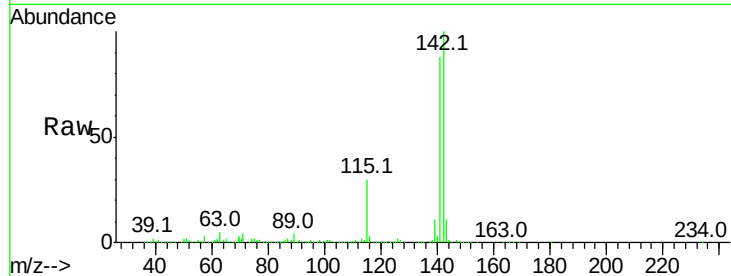
#37
2-Methylnaphthalene
Concen: 55.31 ng
RT: 8.68 min Scan# 594
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion:142 Resp: 1063819
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 30.1 28.3 42.5

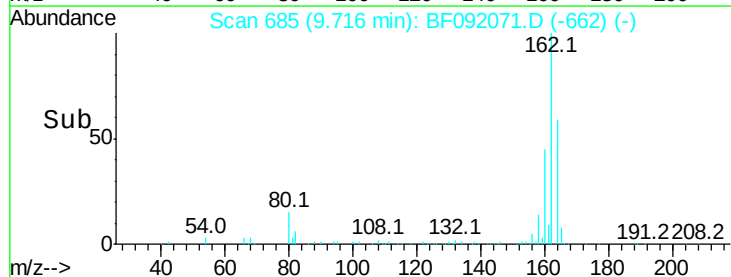
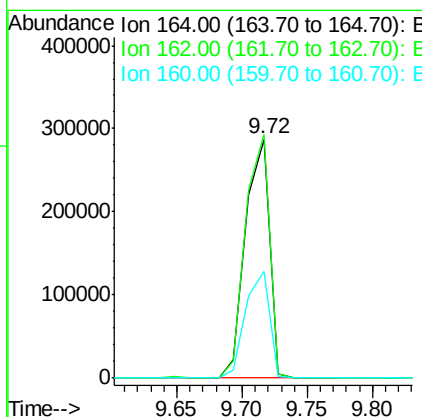
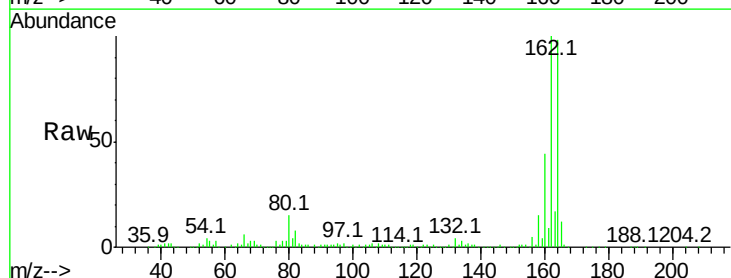
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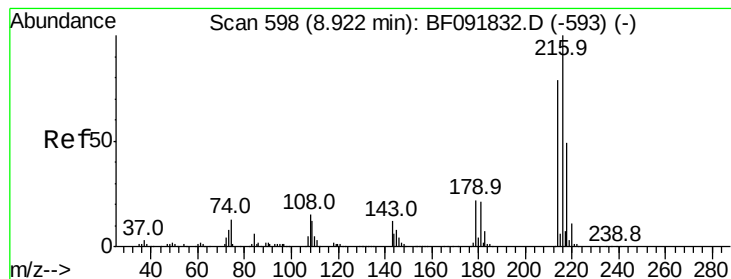
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:164 Resp: 367014
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 44.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.37 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:216 Resp: 411426

Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 23.9 17.4 26.2

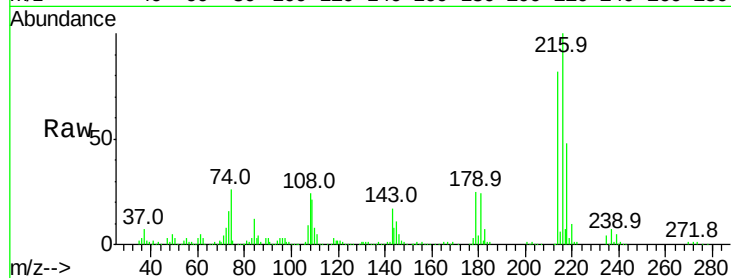
108 21.9 15.6 23.4

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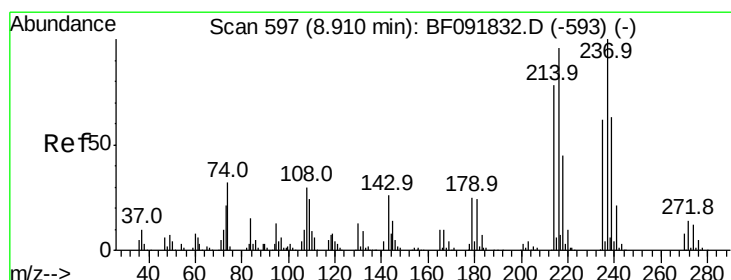
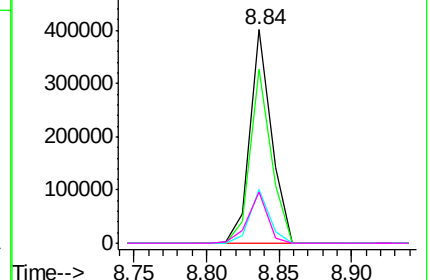
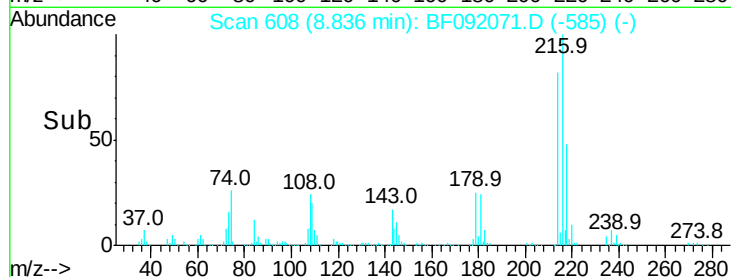


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.45 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

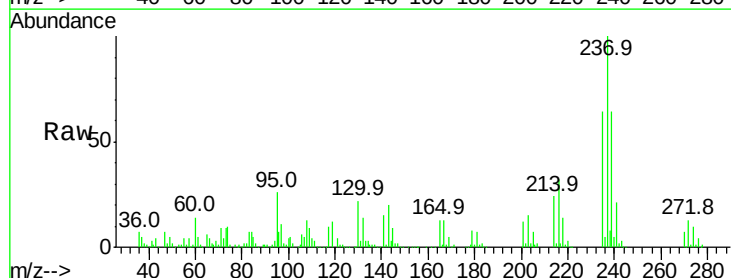
Tgt Ion:237 Resp: 158493

Ion Ratio Lower Upper

237 100

235 64.1 41.2 81.2

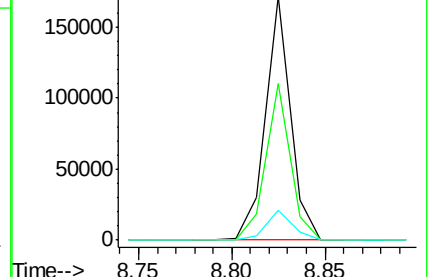
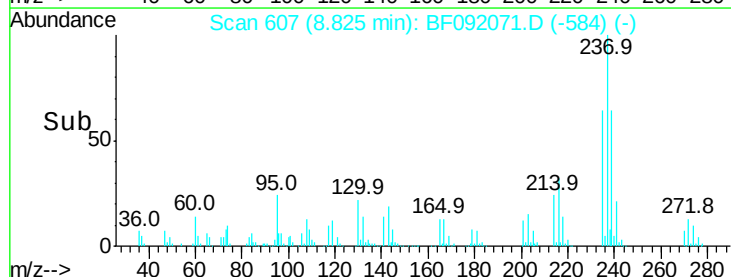
272 12.5 0.0 35.4

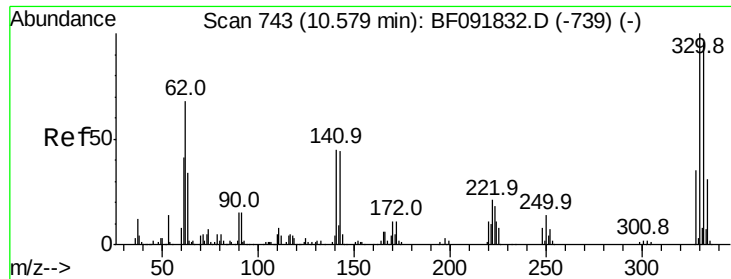


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





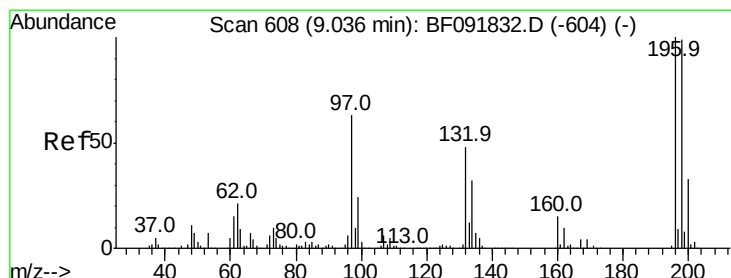
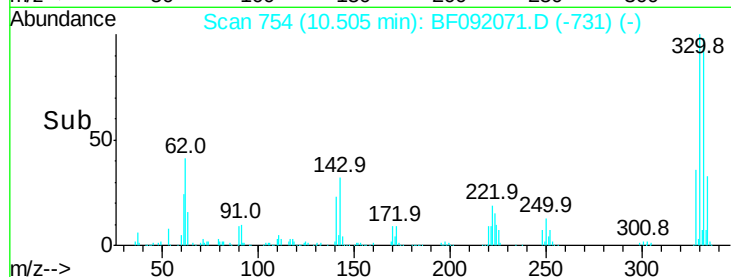
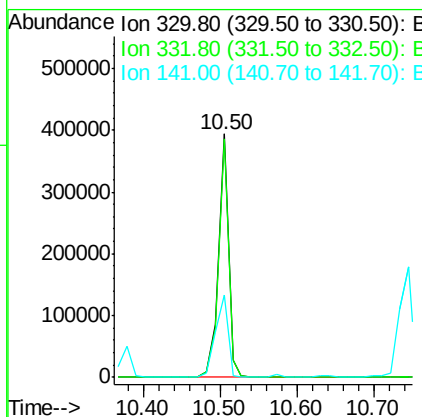
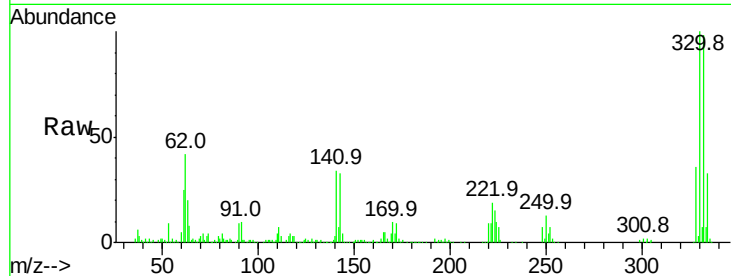
#41
 2,4,6-Tribromophenol
 Concen: 118.06 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4		77.4	116.2
141	41.2		34.1	51.1

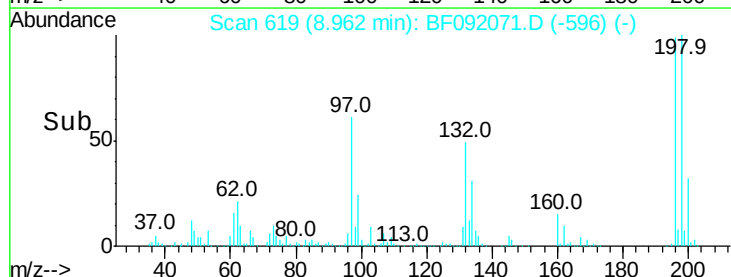
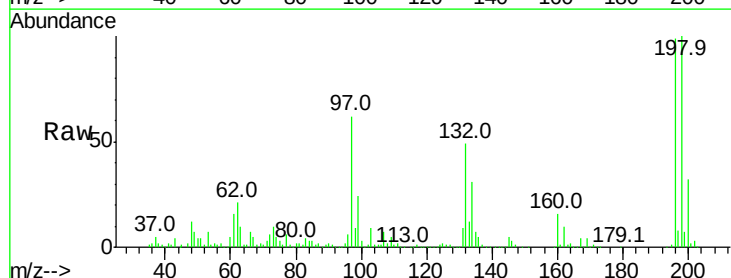
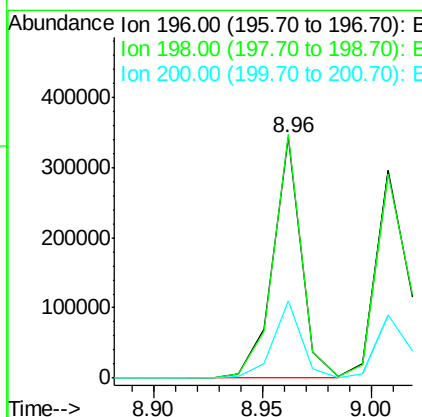
Manual Integrations
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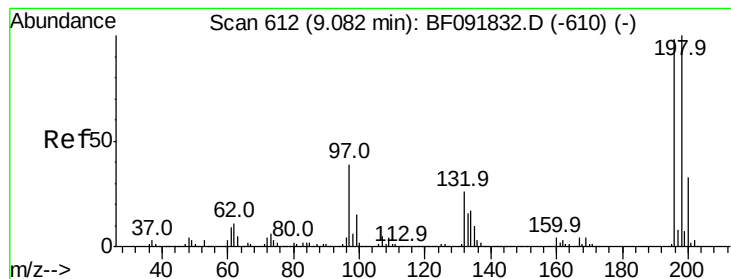
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#42
 2,4,6-Trichlorophenol
 Concen: 48.57 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1		82.1	123.1
200	32.3		27.0	40.4





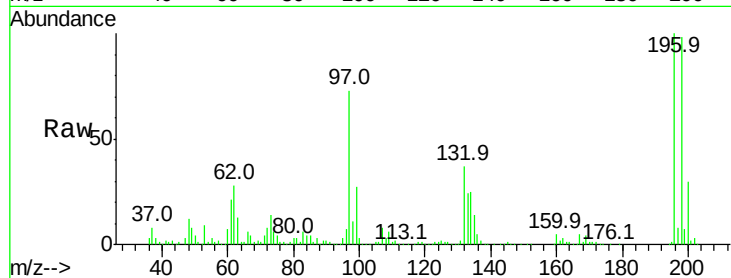
#43
 2,4,5-Trichlorophenol
 Concen: 45.33 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	196	Resp	302534
Ion Ratio	Lower	Upper	
196	100		
198	97.8	79.4	119.2
97	72.9	51.5	77.3
132	37.4	27.4	41.2

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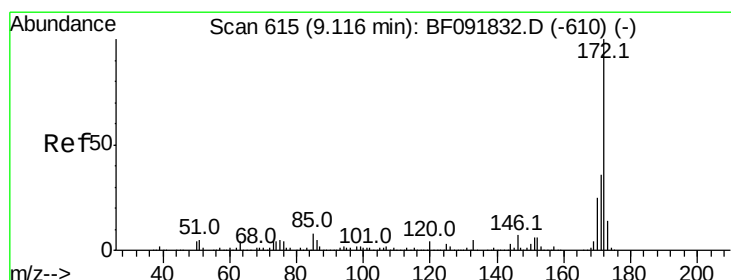
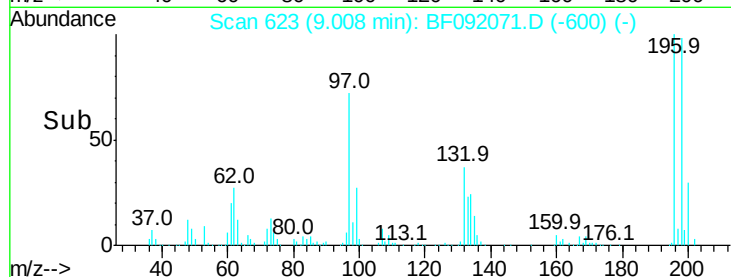
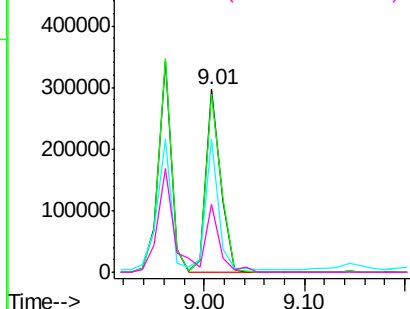
Abundance

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: 95.05 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

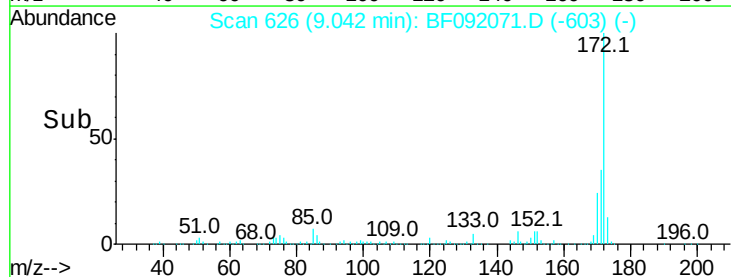
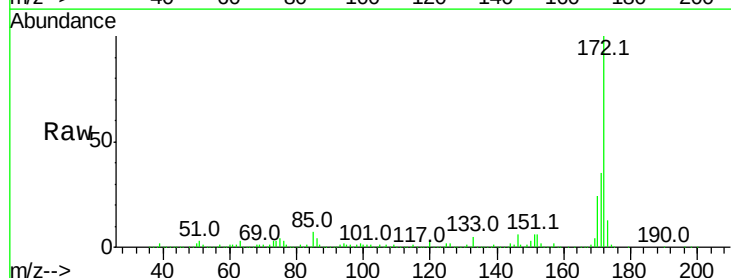
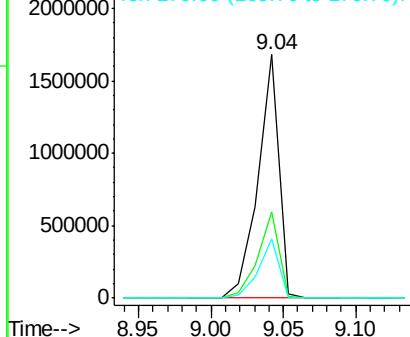
Tgt Ion	172	Resp	1675269
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.4	44.0
170	24.4	20.2	30.4

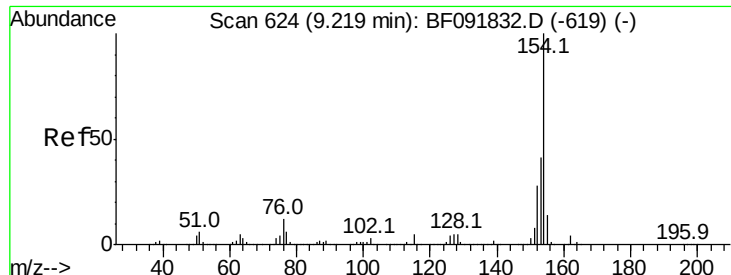
Abundance

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: 47.20 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:154 Resp: 1186080

Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

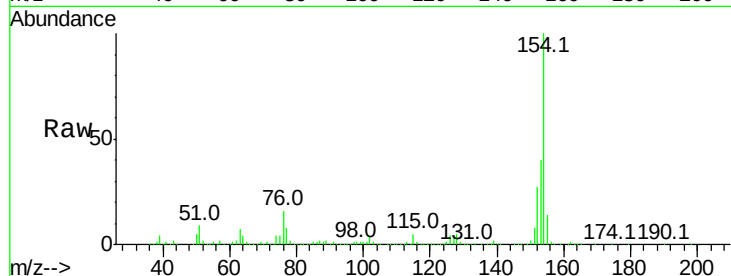
76 16.2 0.0 30.5

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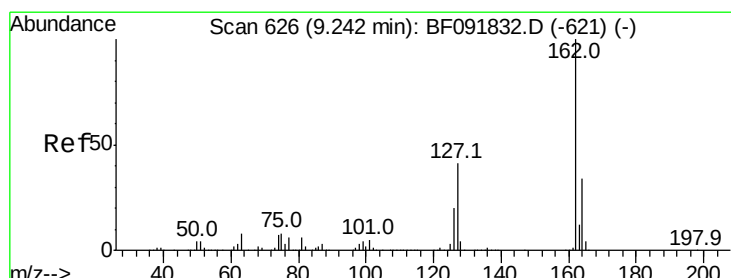
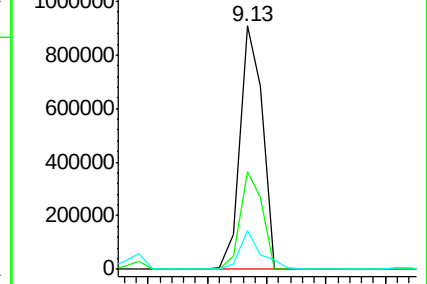
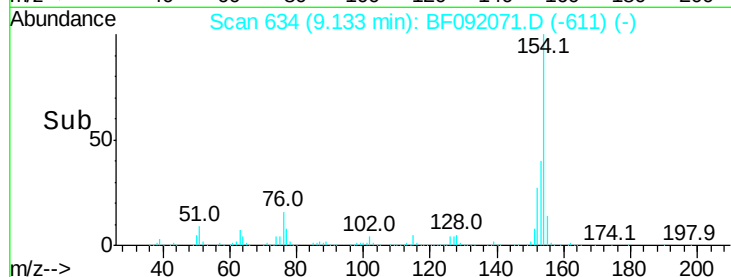
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.48 ng

RT: 9.16 min Scan# 636

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

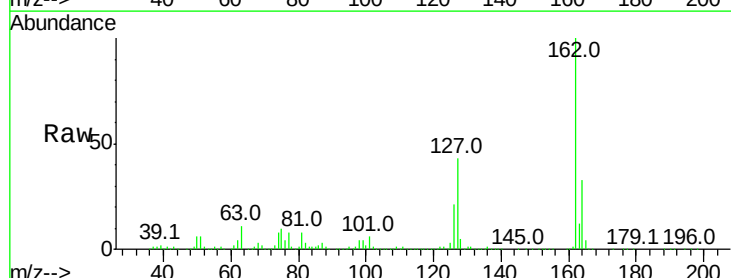
Tgt Ion:162 Resp: 885179

Ion Ratio Lower Upper

162 100

127 43.4 30.7 46.1

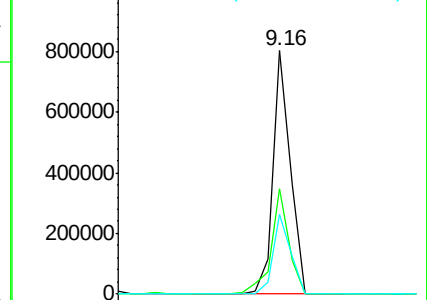
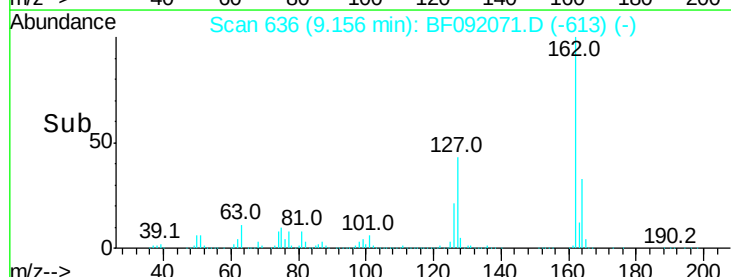
164 33.0 27.6 41.4

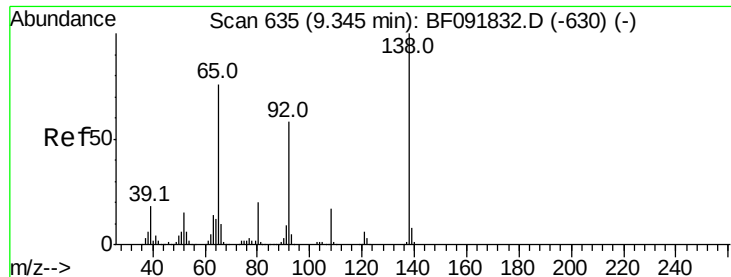


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.97 ng

RT: 9.27 min Scan# 646

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

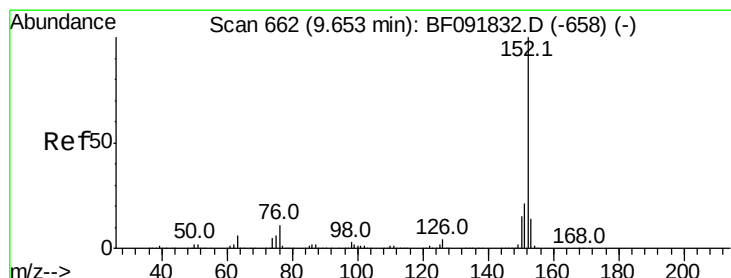
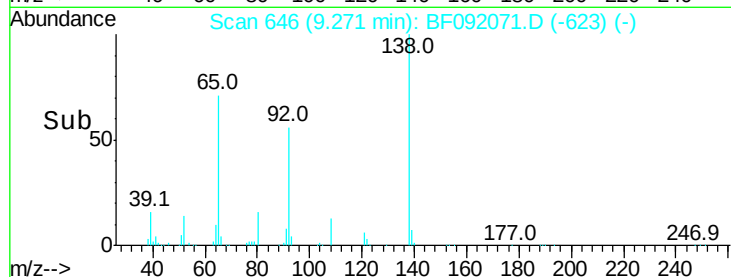
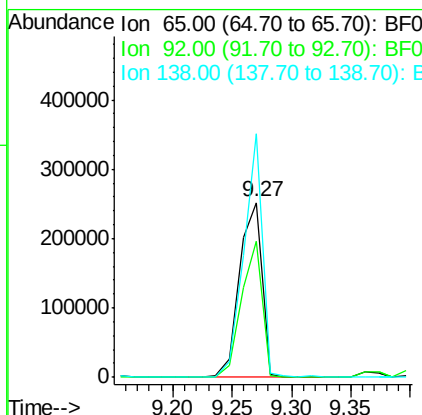
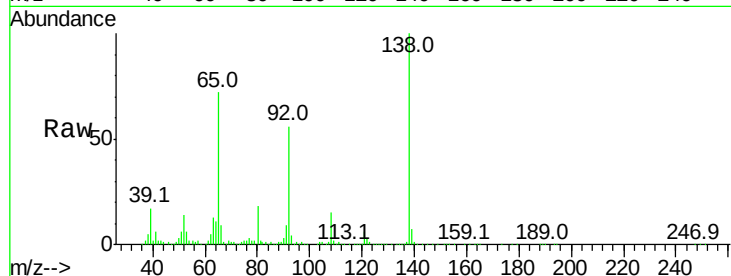
TP9-COMP9MSD

Tot Ion: 65 Resp: 332816

Ion	Ratio	Lower	Upper
65	100		
92	78.1	53.9	80.9
138	139.1	76.8	115.2

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#48

Acenaphthylene

Concen: 44.09 ng

RT: 9.57 min Scan# 672

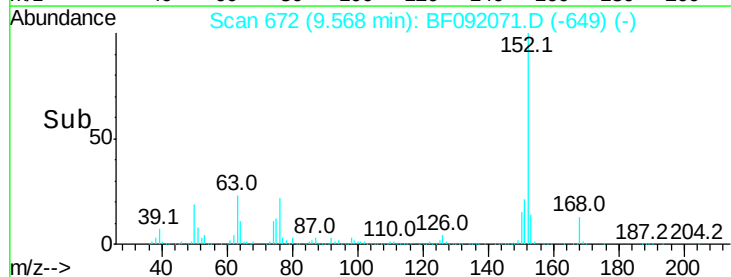
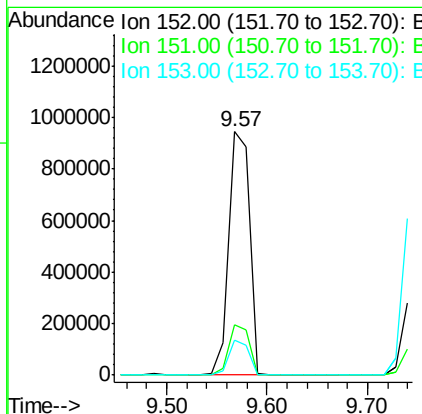
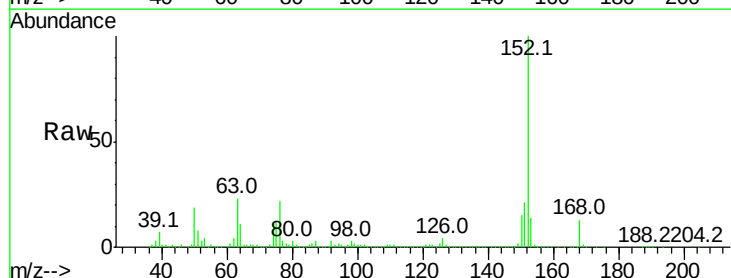
Delta R.T. -0.04 min

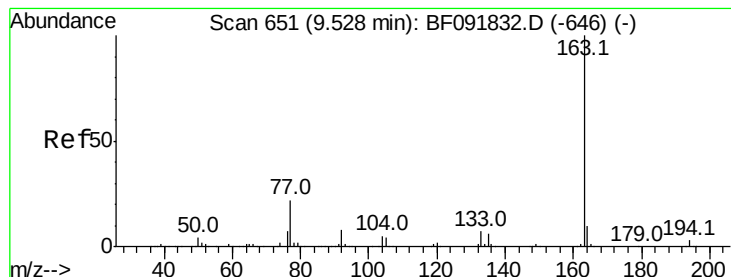
Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion: 152 Resp: 1349377

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	14.5	11.4	17.2





#49

Dimethylphthalate

Concen: 56.01 ng

RT: 9.45 min Scan# 662

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:163 Resp: 1314719

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

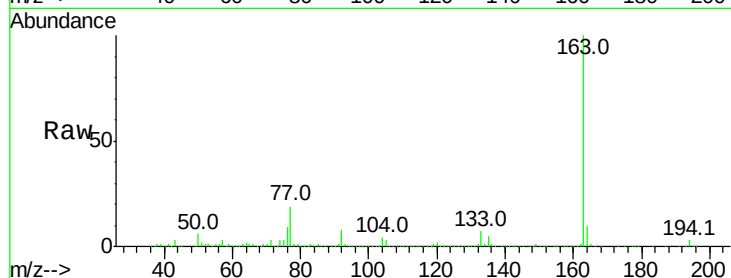
164 10.1 8.0 12.0

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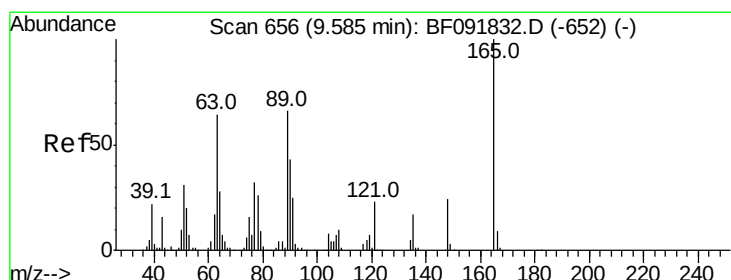
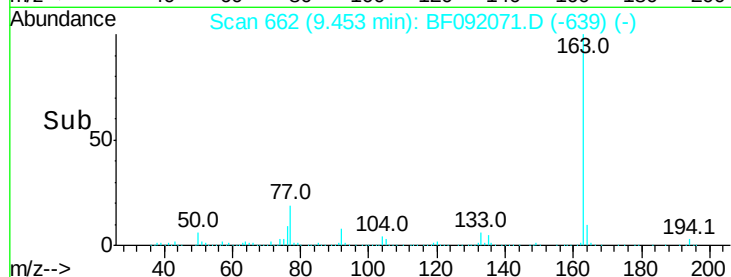
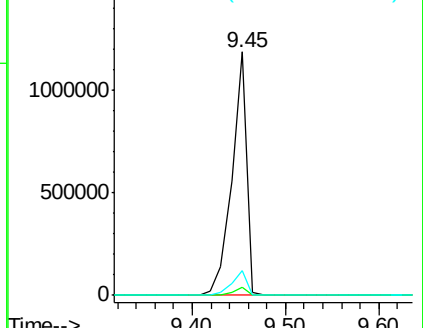
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.86 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

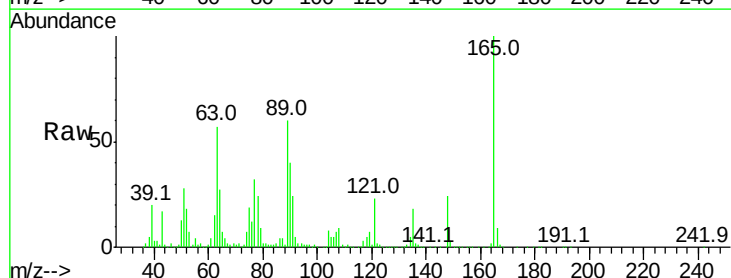
Tgt Ion:165 Resp: 251051

Ion Ratio Lower Upper

165 100

63 57.0 36.2 54.4#

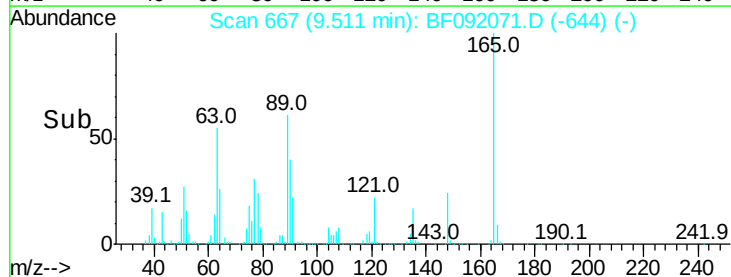
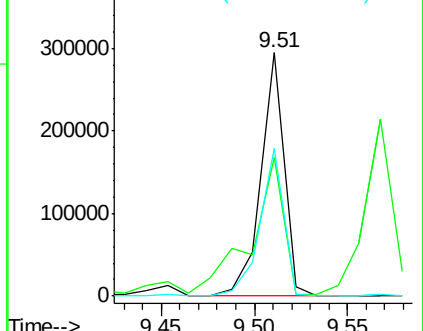
89 60.5 40.2 60.4#

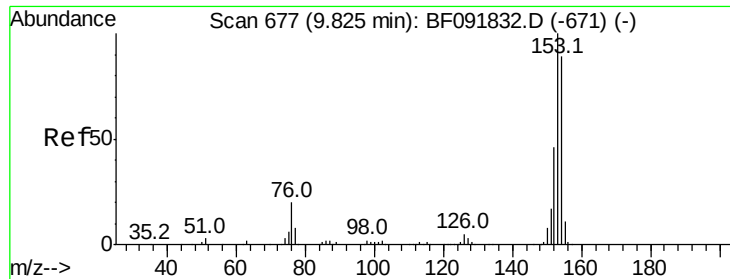


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.64 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

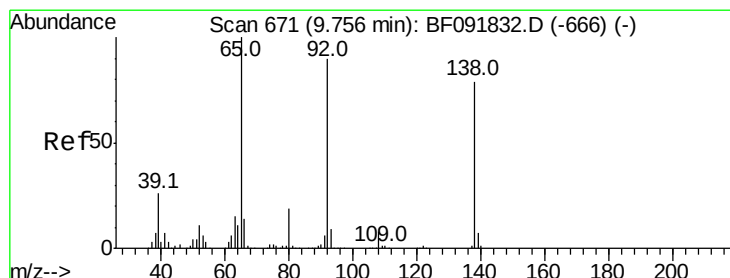
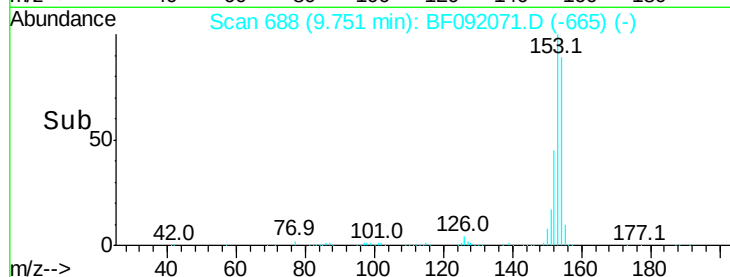
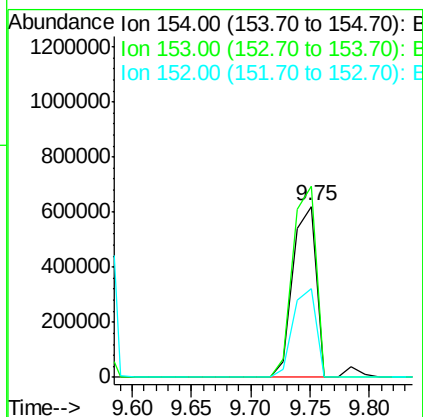
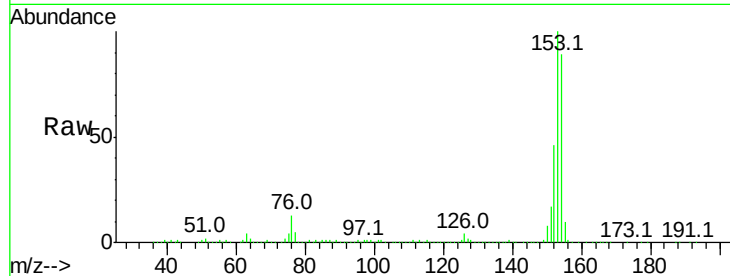
ClientSampleId :

TP9-COMP9MSD

Tot Ion:	154	Resp:	843284
Ion Ratio	Lower	Upper	
154	100		
153	111.9	88.6	133.0
152	51.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 28.31 ng

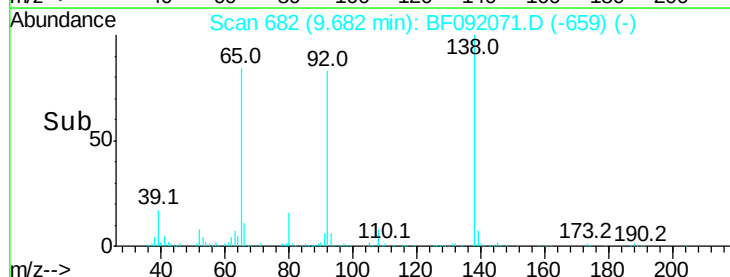
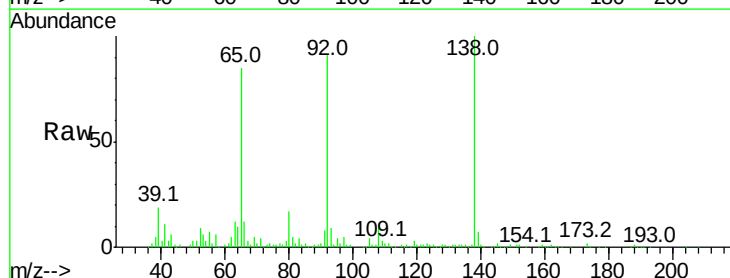
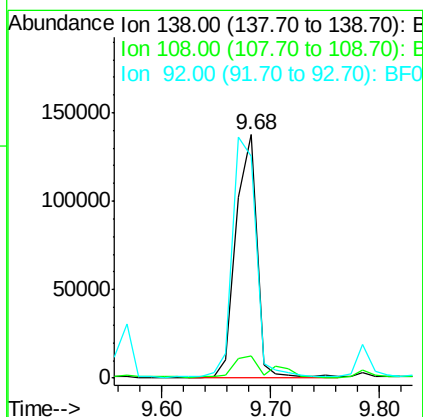
RT: 9.68 min Scan# 682

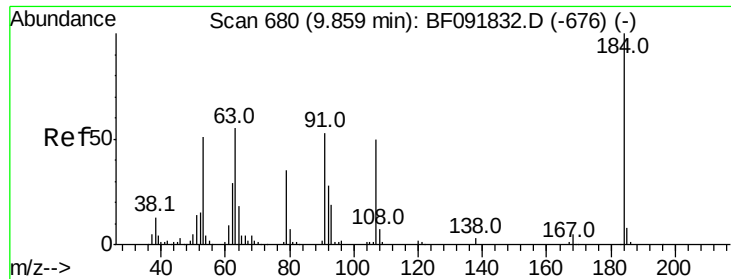
Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:	138	Resp:	179972
Ion Ratio	Lower	Upper	
138	100		
108	8.9	8.5	12.7
92	91.2	97.8	146.8#





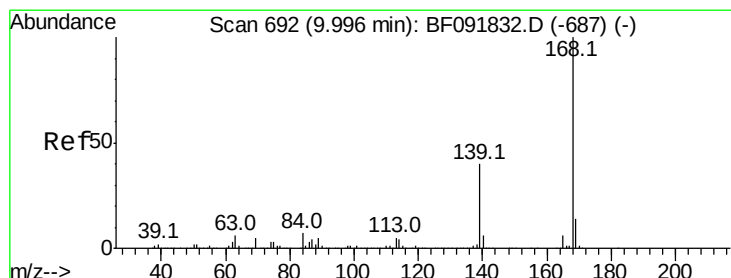
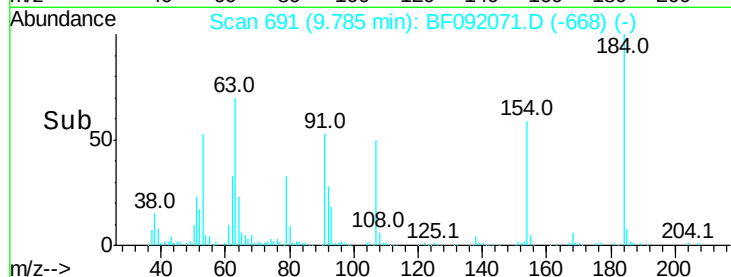
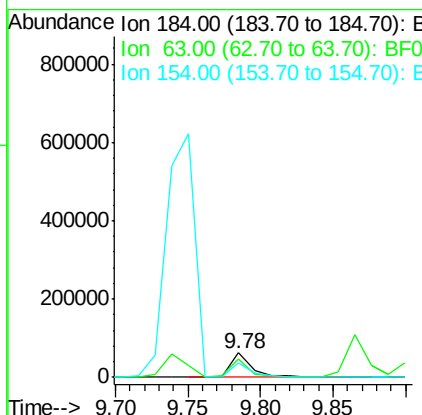
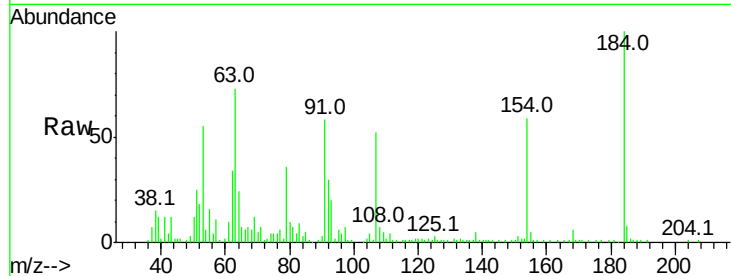
#53
 2,4-Dinitrophenol
 Concen: 22.44 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.1	28.4	42.6#
154	59.3	44.3	66.5

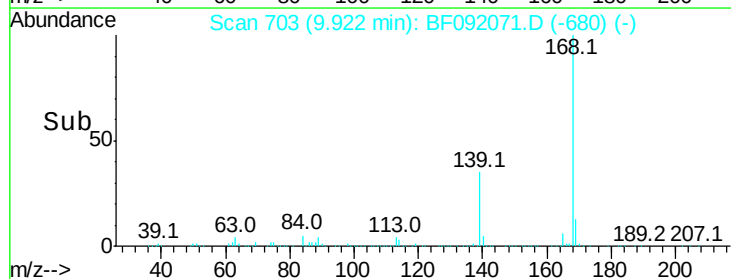
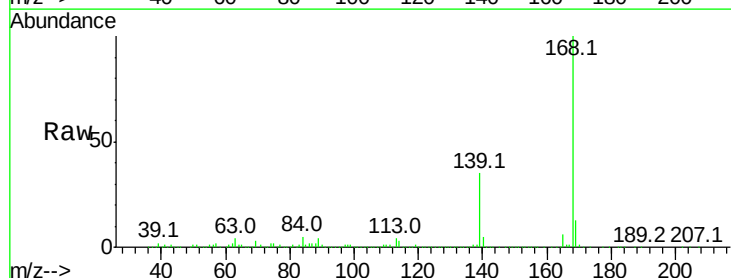
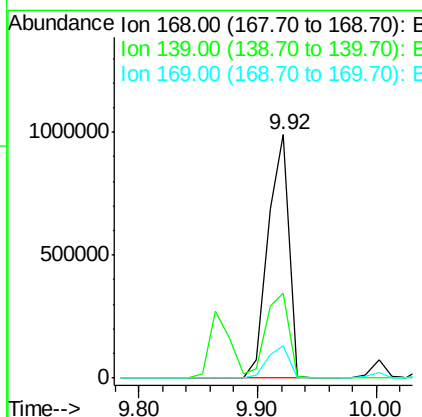
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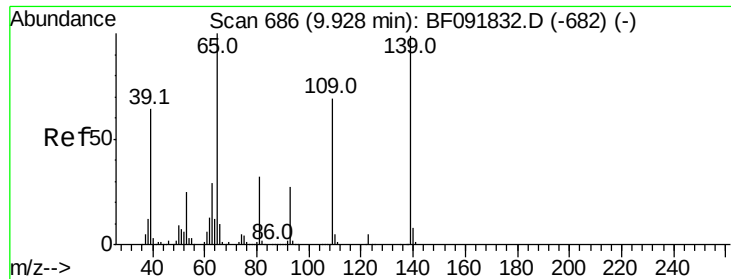
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#54
 Dibenzofuran
 Concen: 43.20 ng
 RT: 9.92 min Scan# 703
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.8	32.6	49.0
169	13.1	11.3	16.9





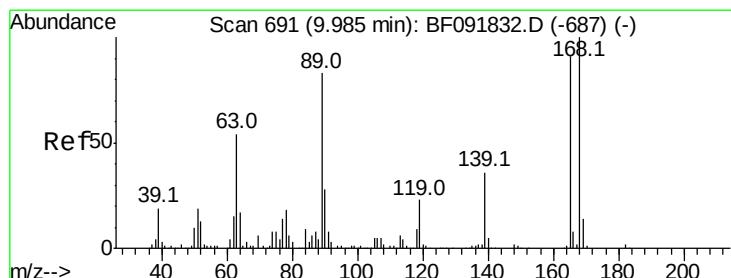
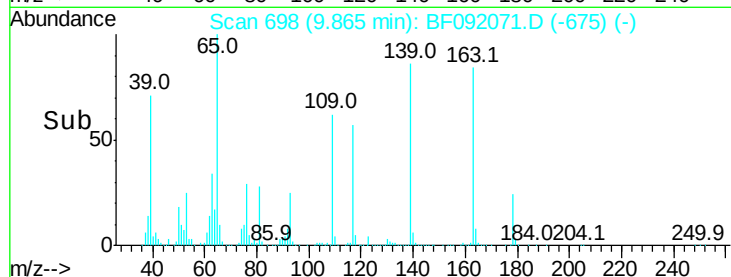
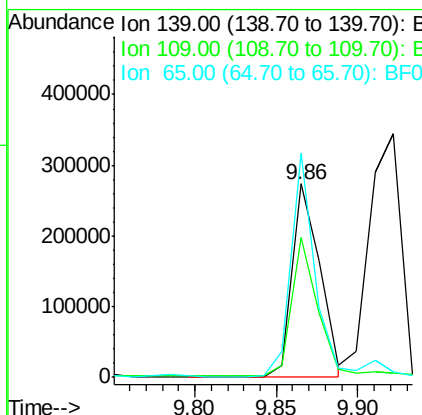
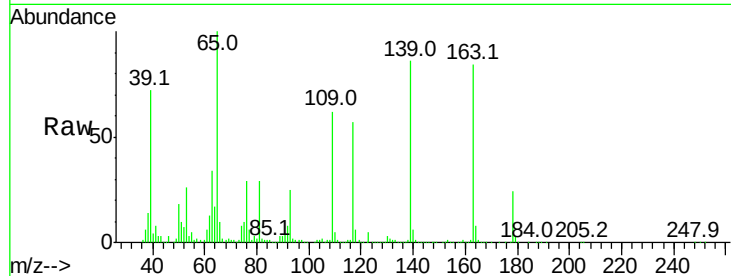
#55
4-Nitrophenol
Concen: 75.07 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.5	52.2	92.2
65	116.3	85.8	125.8

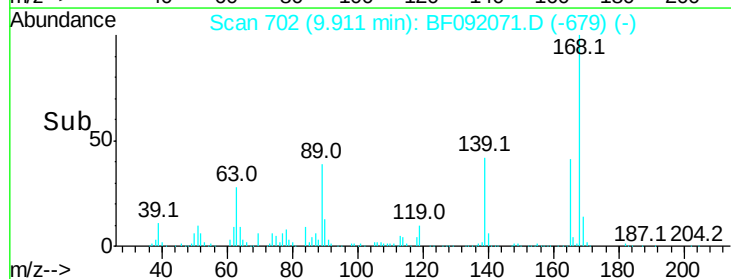
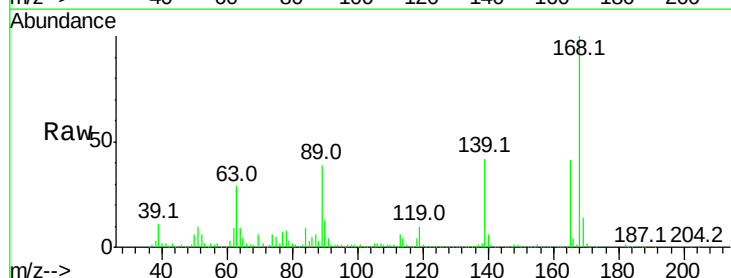
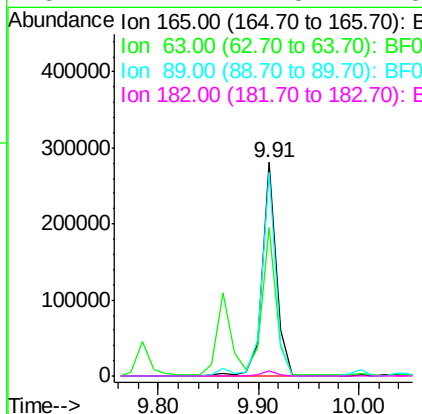
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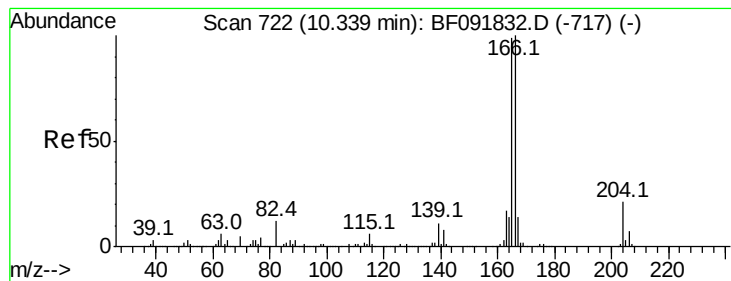
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#56
2,4-Dinitrotoluene
Concen: 41.75 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.8	40.2	60.4#
89	95.5	62.5	93.7#
182	2.2	1.8	2.8





#57

Fluorene

Concen: 43.17 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

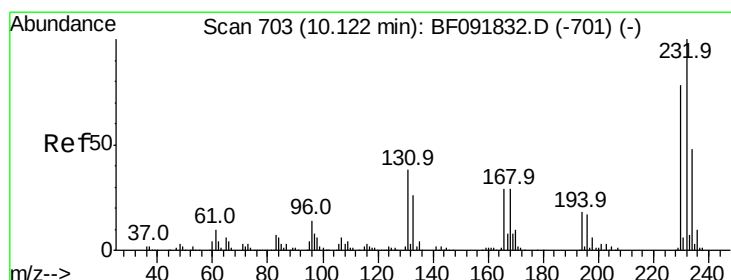
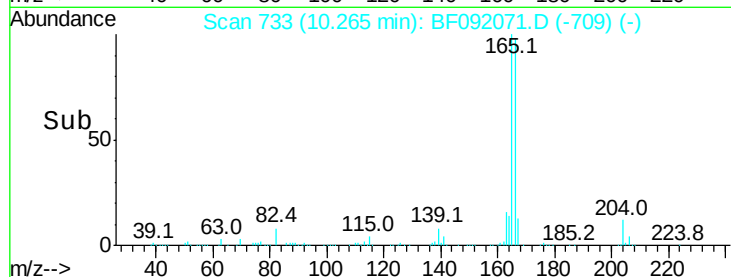
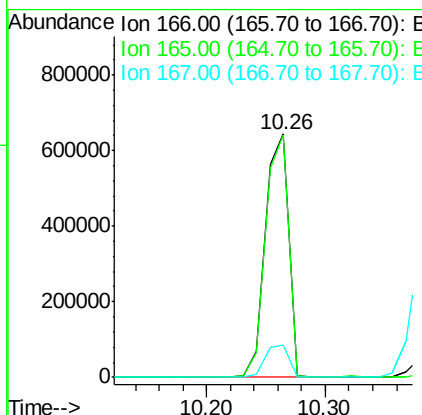
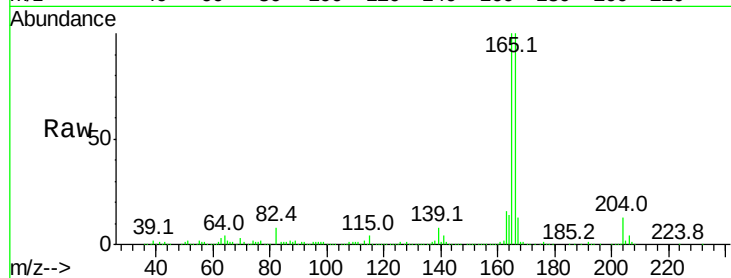
ClientSampleId :

TP9-COMP9MSD

Tot Ion:	166	Resp:	880152
Ion Ratio	Lower	Upper	
166	100		
165	99.7	77.8	116.8
167	13.2	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.33 ng

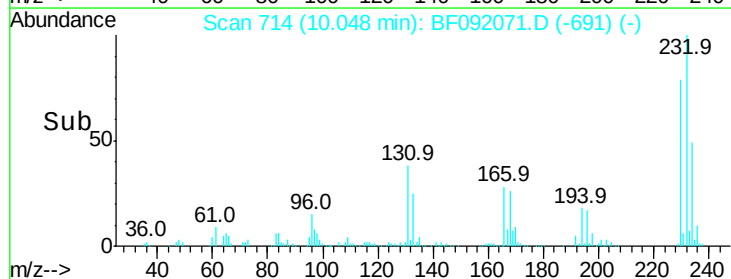
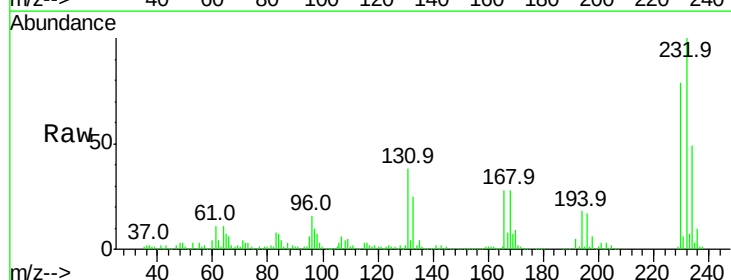
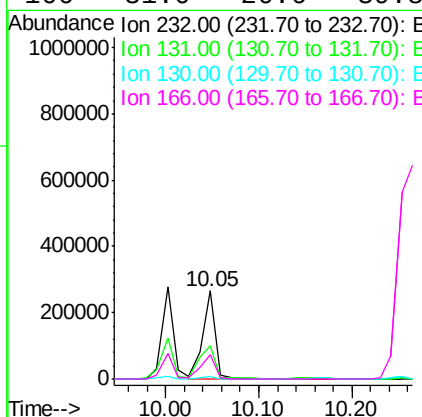
RT: 10.05 min Scan# 714

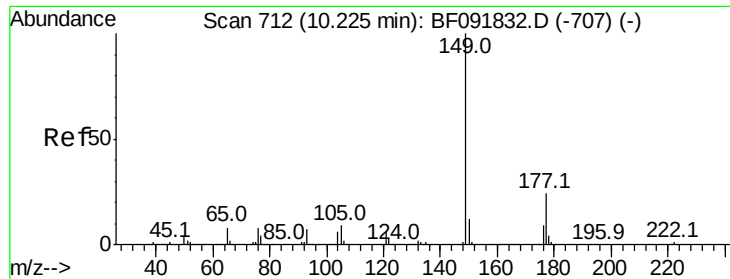
Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:	232	Resp:	249838
Ion Ratio	Lower	Upper	
232	100		
131	47.7	40.1	60.1
130	2.5	1.8	2.8
166	31.0	26.6	39.8





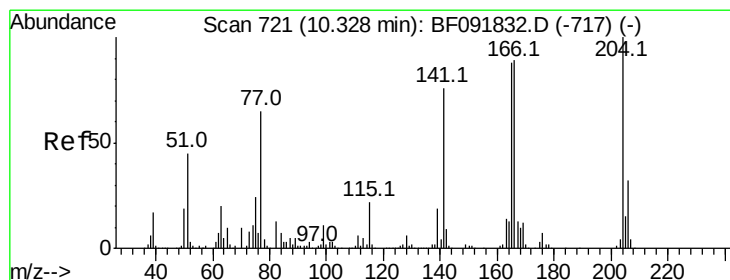
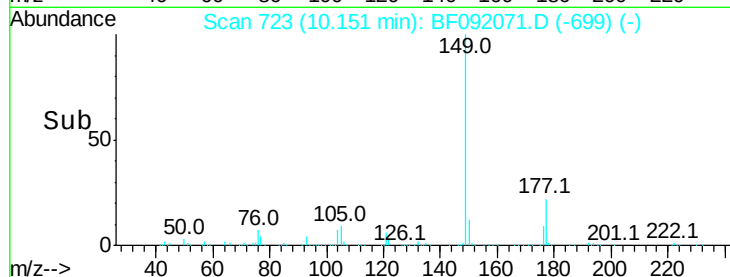
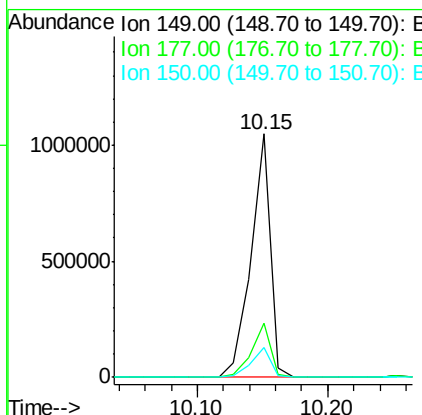
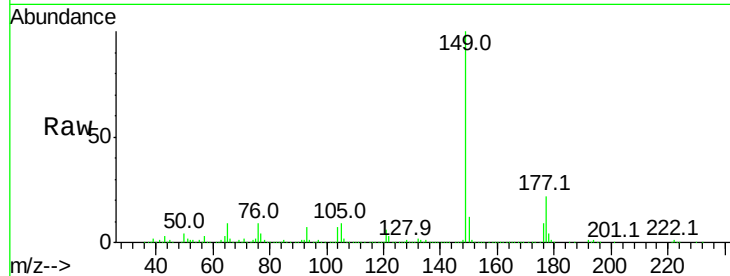
#59
Diethylphthalate
Concen: 47.31 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	25.0
150	12.3	10.4	15.6

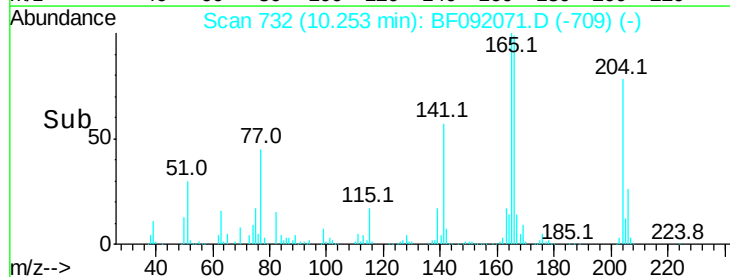
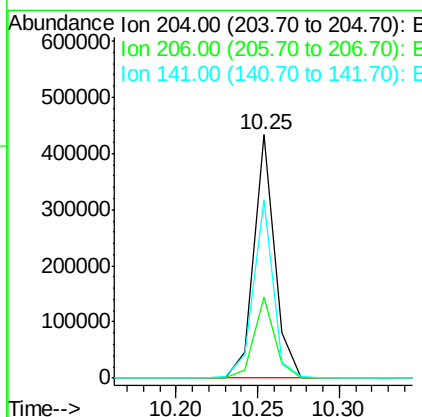
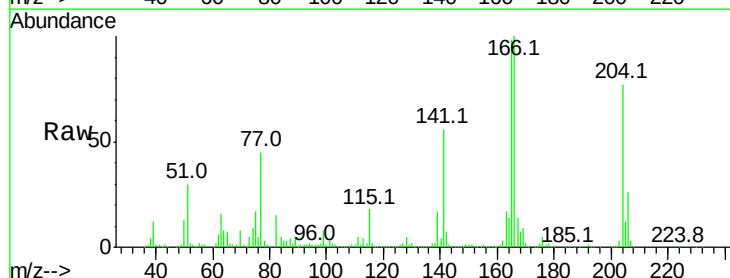
Manual Integrations
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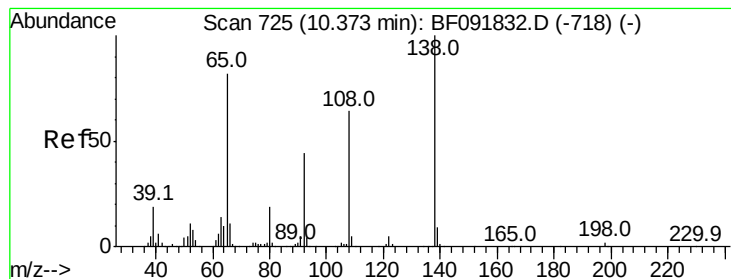
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.27 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	73.2	59.4	89.0





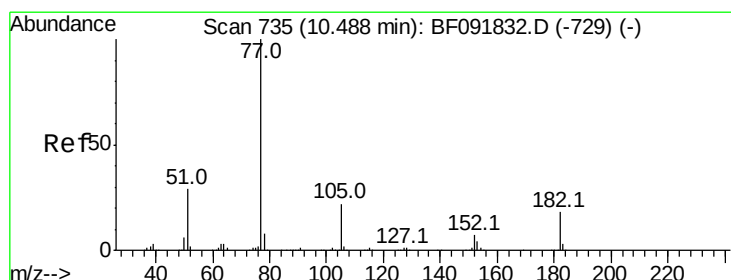
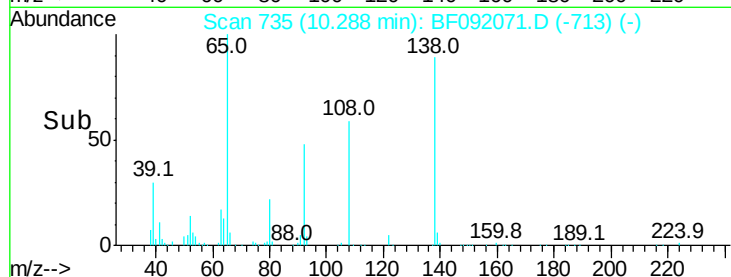
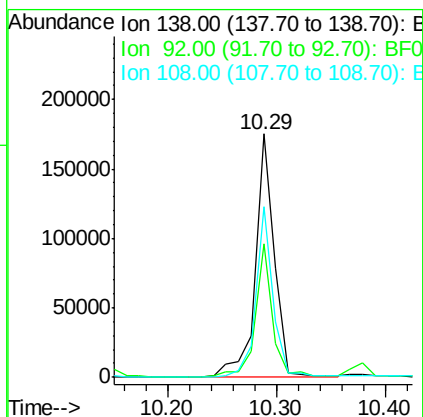
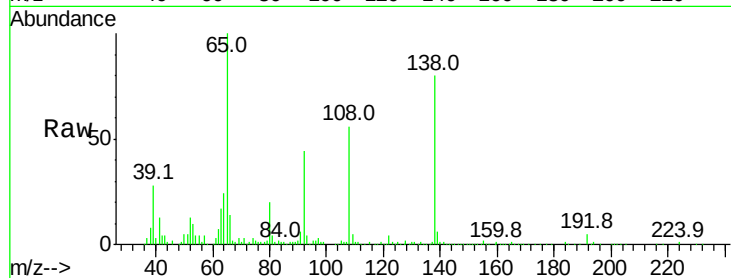
#61
4-Nitroaniline
Concen: 32.42 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.9	31.7	71.7
108	70.3	52.6	92.6

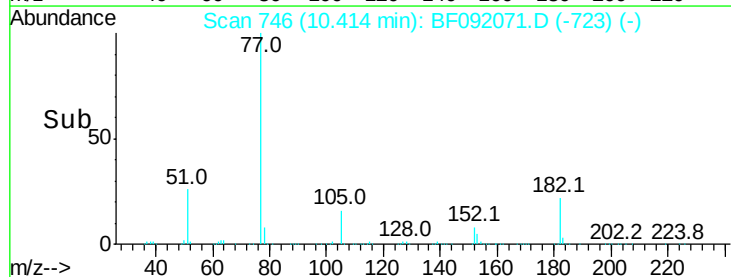
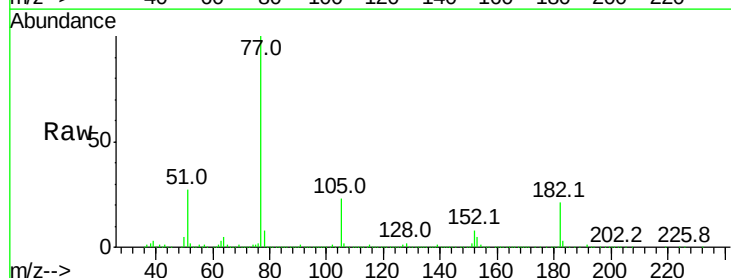
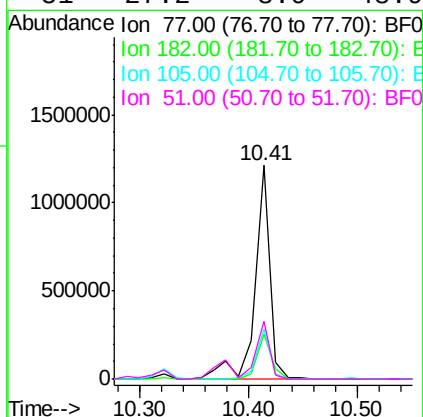
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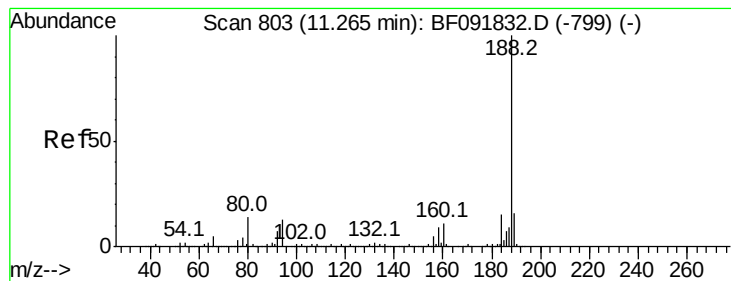
Sohil
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#62
Azobenzene
Concen: 46.22 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.0	39.3
105	23.4	2.3	42.3
51	27.2	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: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

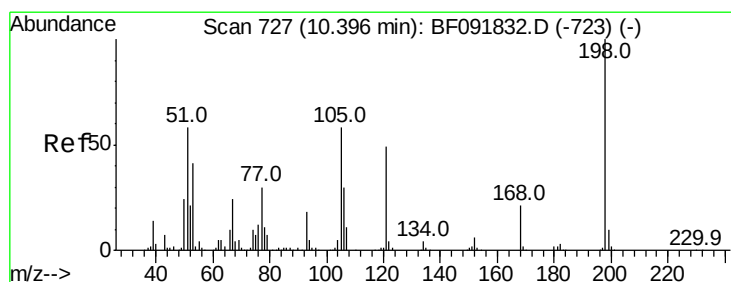
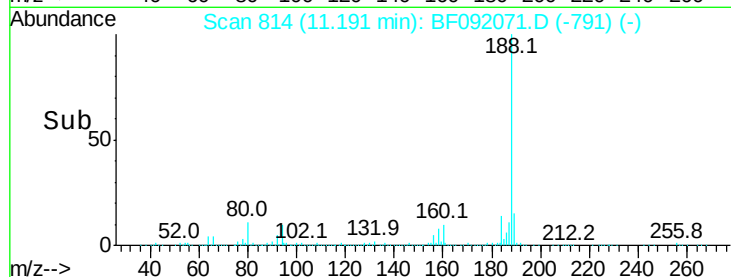
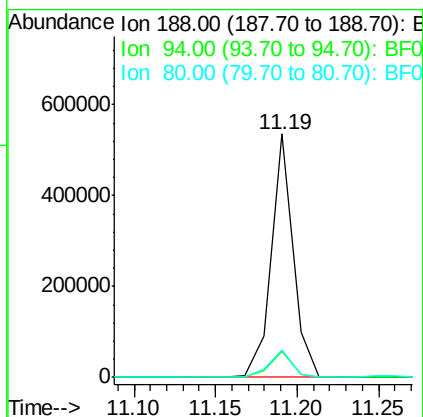
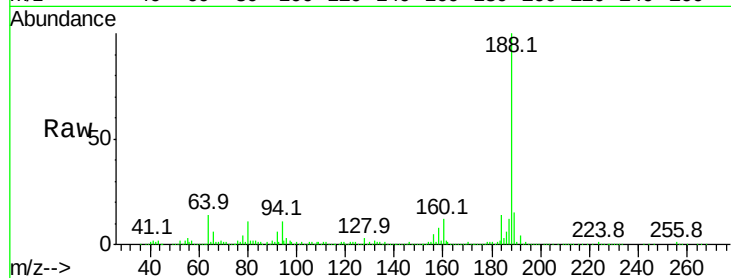
ClientSampleId :

TP9-COMP9MSD

Tot Ion:188	Resp:	502016
Ion Ratio	Lower	Upper
188 100		
94 10.6	10.0	15.0
80 11.4	11.2	16.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 36.13 ng

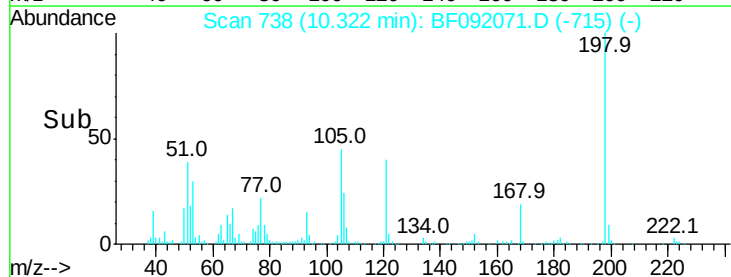
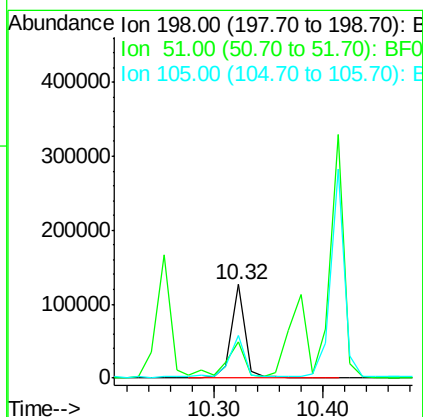
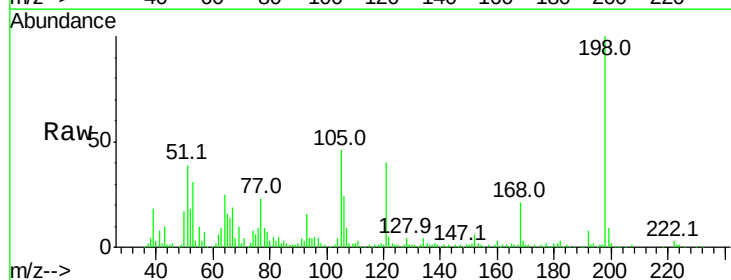
RT: 10.32 min Scan# 738

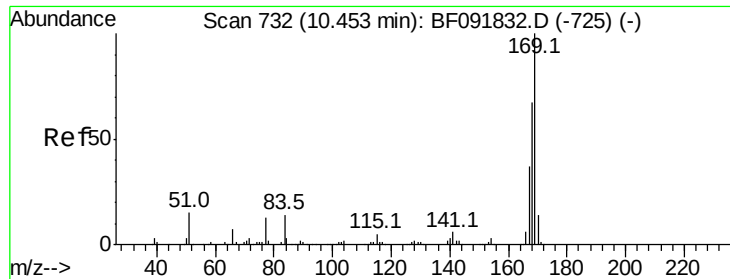
Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:198	Resp:	109676
Ion Ratio	Lower	Upper
198 100		
51 39.3	6.7	46.7
105 46.3	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 57.46 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

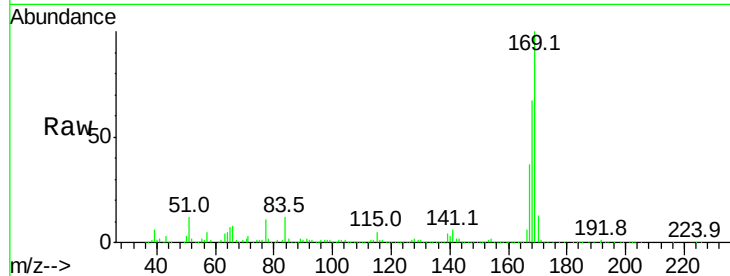
ClientSampleId :

TP9-COMP9MSD

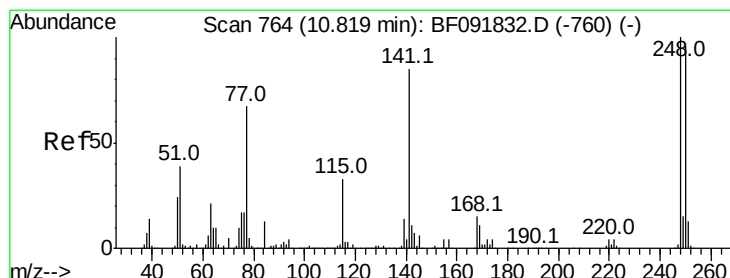
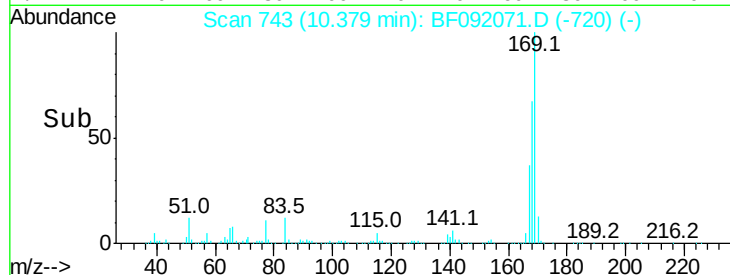
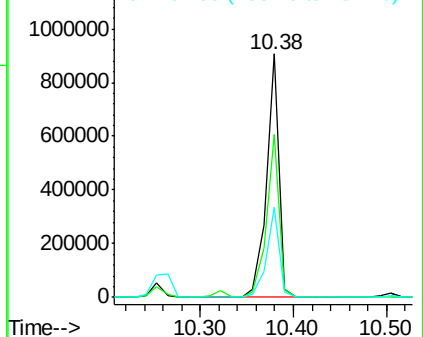
Tot Ion:	169	Resp:	855907
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.2
167	36.9	30.2	45.4

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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: 52.07 ng

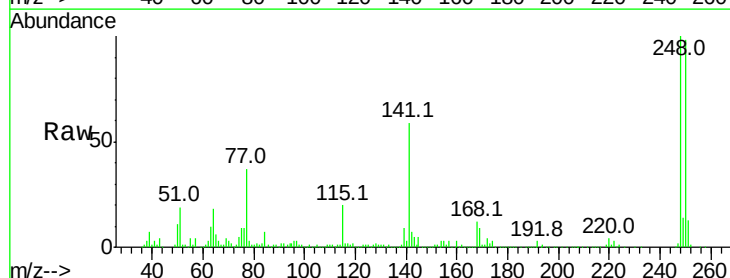
RT: 10.74 min Scan# 775

Delta R.T. -0.04 min

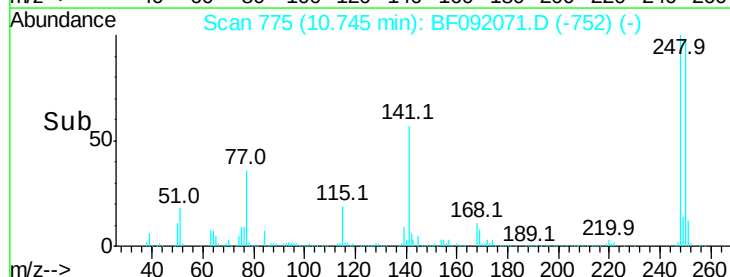
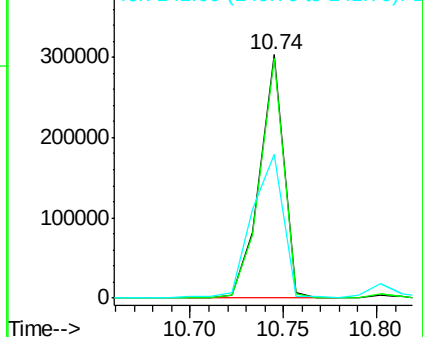
Lab File: BF092071.D

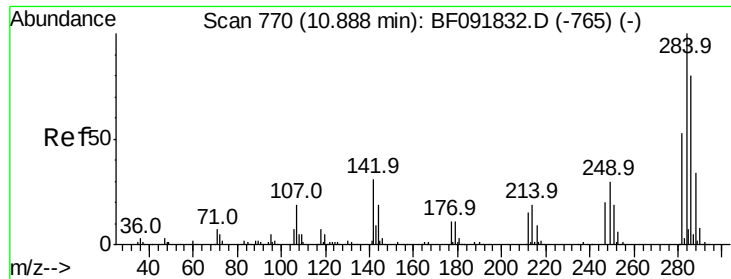
Acq: 3 Jan 2017 20:10

Tgt Ion:	248	Resp:	271906
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.9	115.3
141	59.2	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: 44.66 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

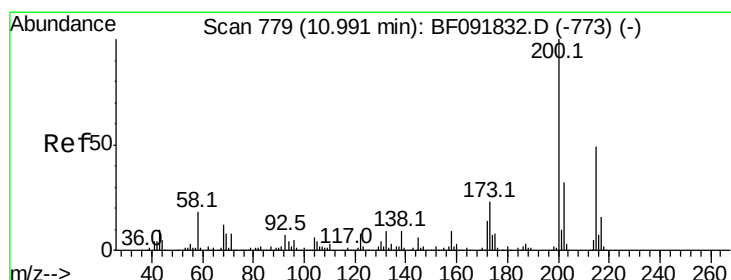
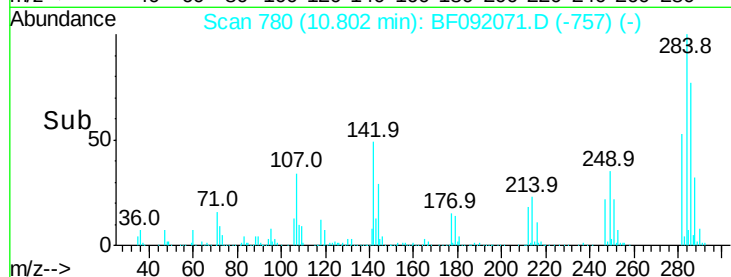
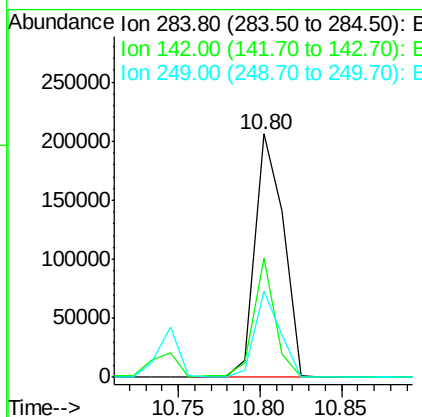
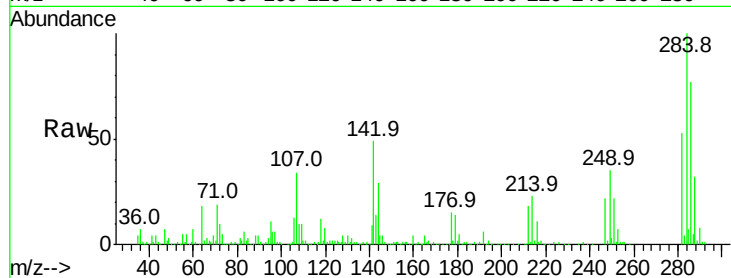
ClientSampleId :

TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	249266		
142	49.0	22.6	33.8#	
249	35.3	25.4	38.0	

Manual Integrations
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#68

Atrazine

Concen: 53.67 ng

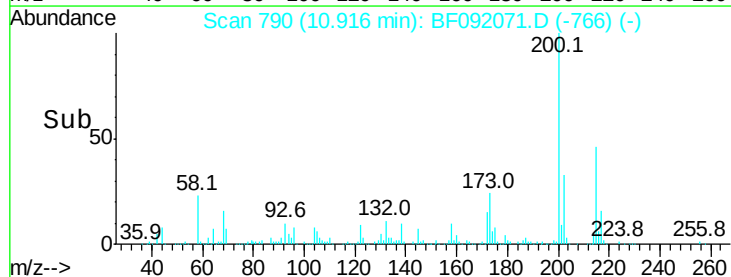
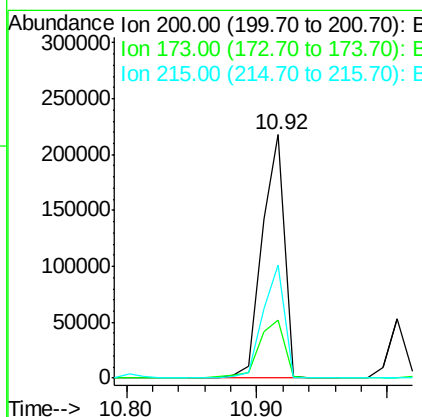
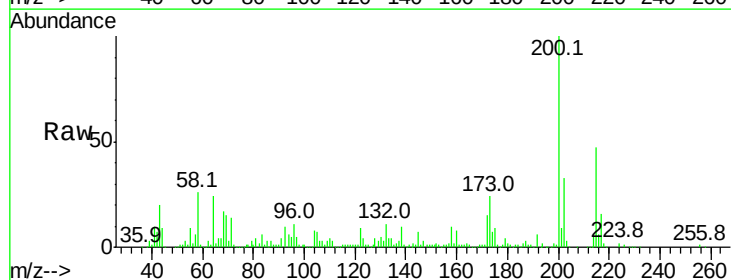
RT: 10.92 min Scan# 790

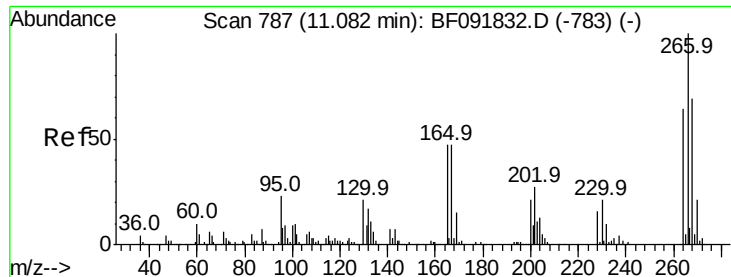
Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	257890		
173	24.1	9.6	49.6	
215	46.6	25.7	65.7	





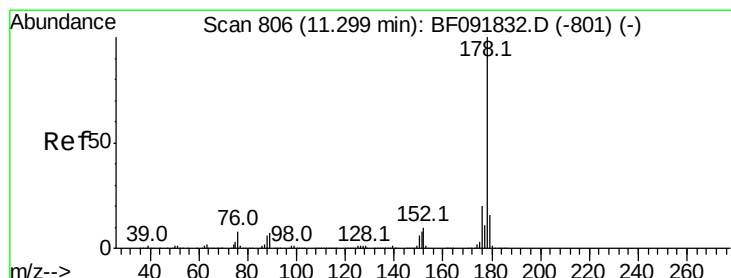
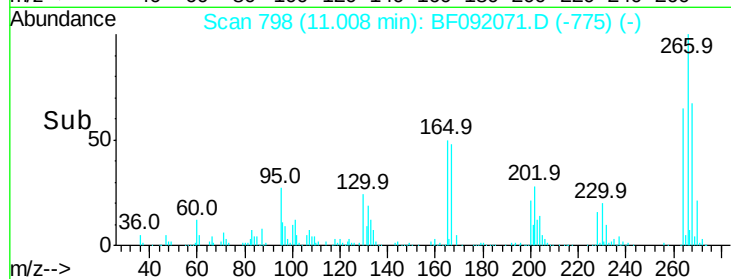
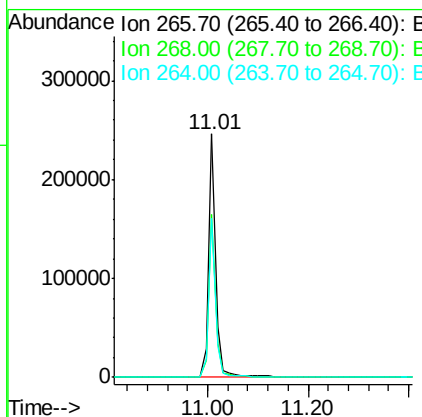
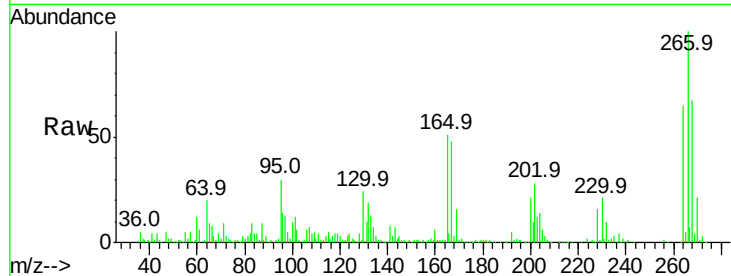
#69
 Pentachlorophenol
 Concen: 89.79 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	245927		
268	66.7	53.3	79.9	
264	65.5	50.3	75.5	

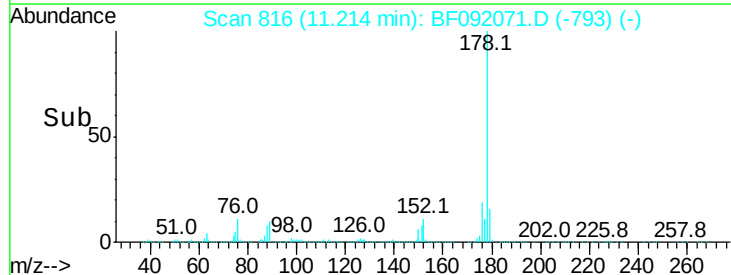
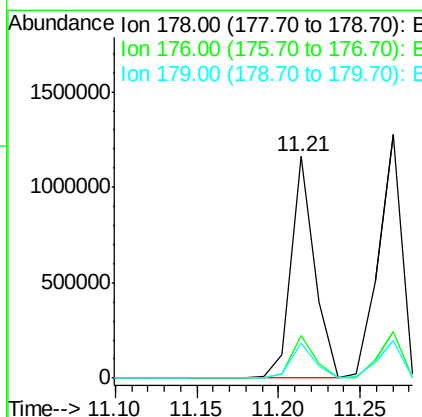
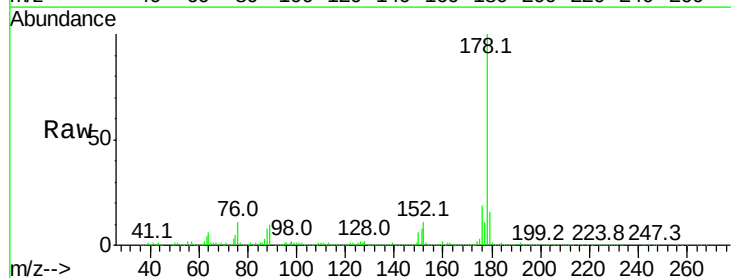
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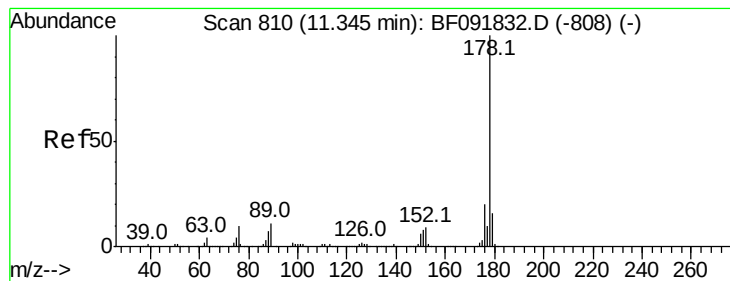
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#70
 Phenanthrene
 Concen: 42.50 ng
 RT: 11.21 min Scan# 816
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1156958		
176	19.5	16.6	25.0	
179	15.9	12.8	19.2	





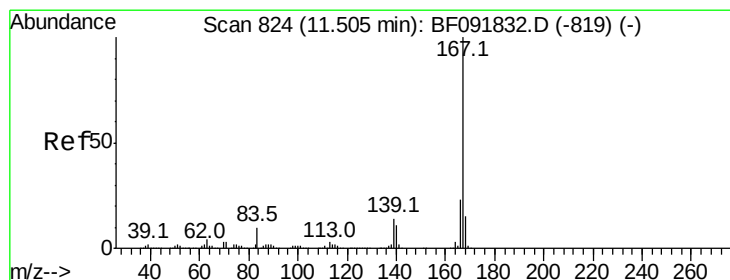
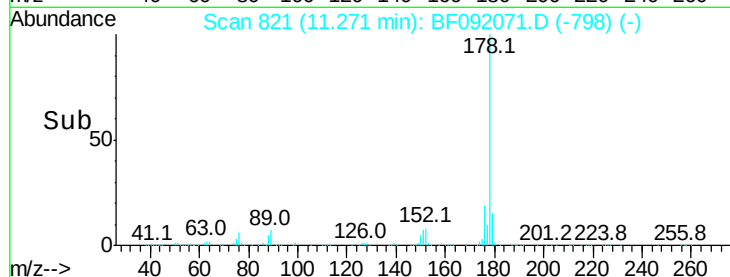
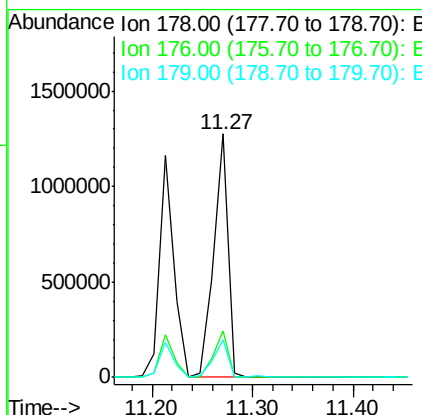
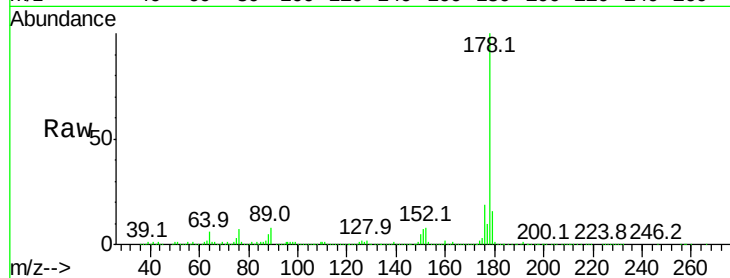
#71
 Anthracene
 Concen: 58.15 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.6	13.2	19.8

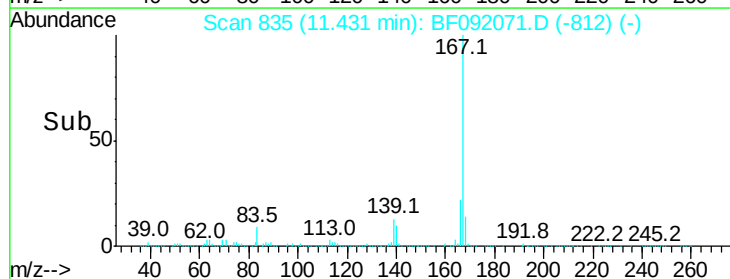
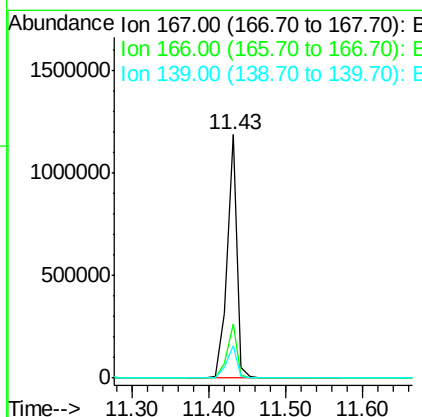
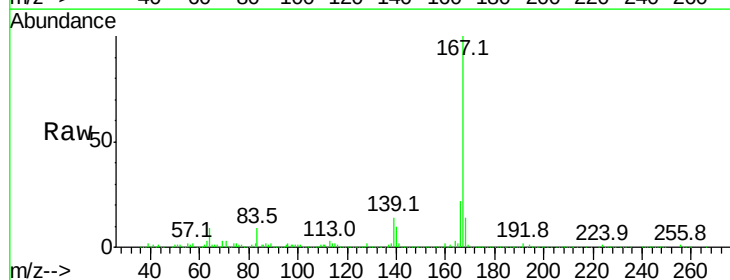
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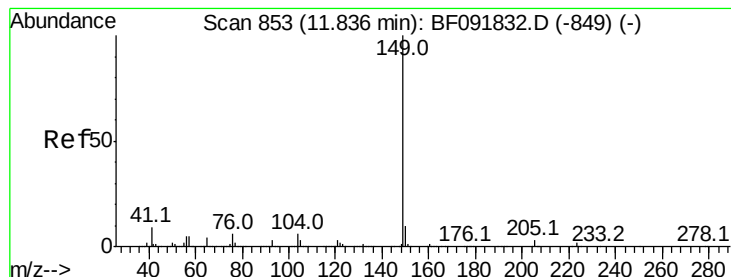
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#72
 Carbazole
 Concen: 51.57 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	13.6	11.4	17.2





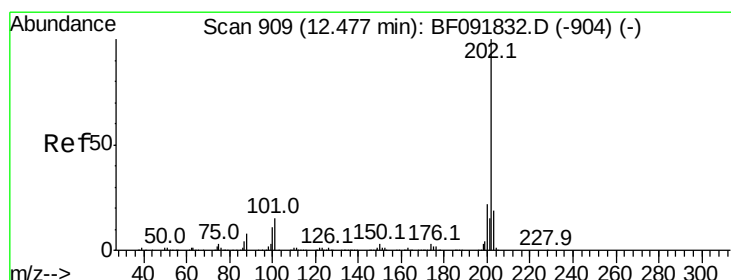
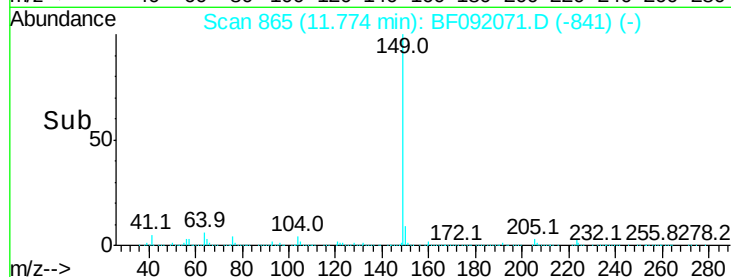
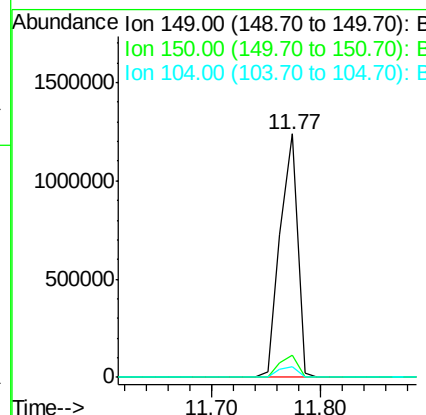
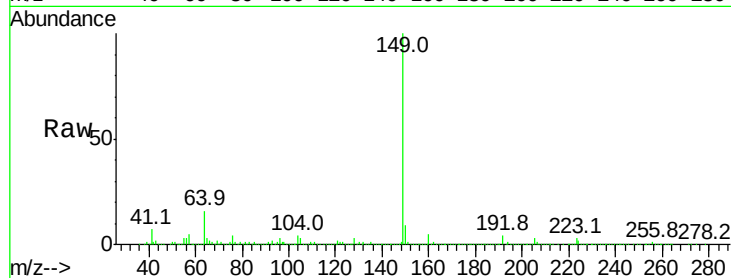
#73
Di-n-butylphthalate
Concen: 54.34 ng
RT: 11.77 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	4.4	4.6	7.0

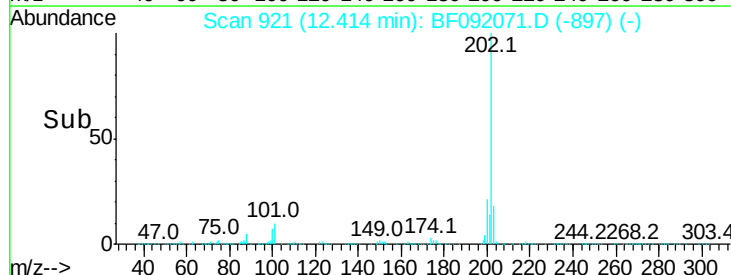
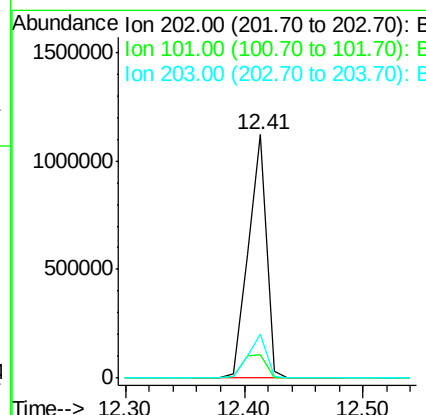
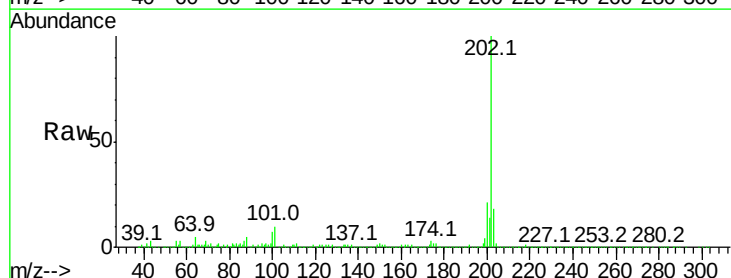
Manual Integrations
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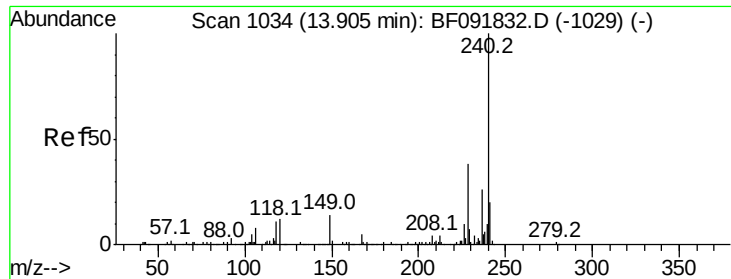
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#74
Fluoranthene
Concen: 50.44 ng
RT: 12.41 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.6
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

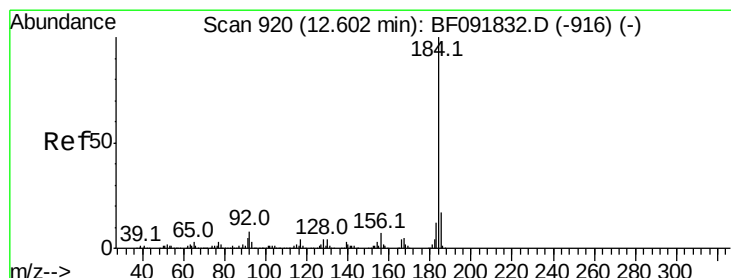
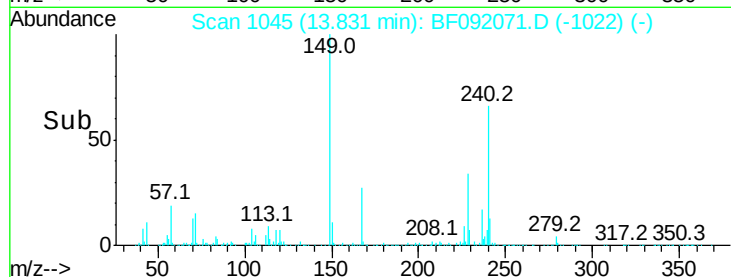
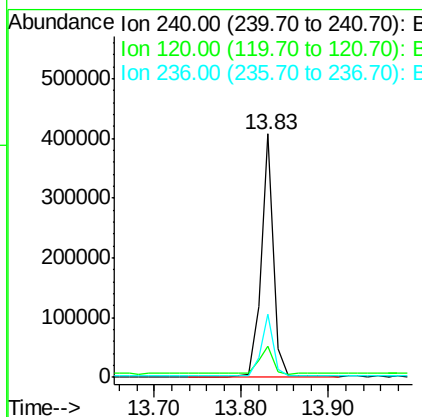
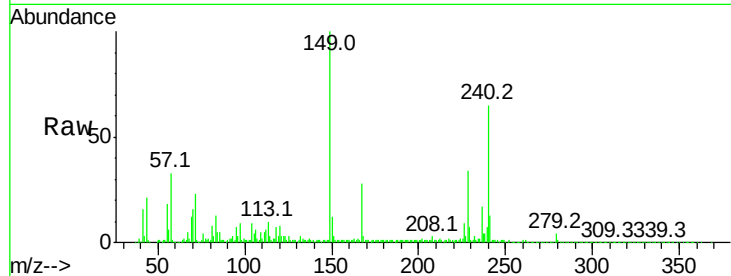
ClientSampleId :

TP9-COMP9MSD

Tot Ion:	240	Resp:	399317
Ion Ratio	Lower	Upper	
240	100		
120	12.6	12.9	19.3#
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 25.11 ng

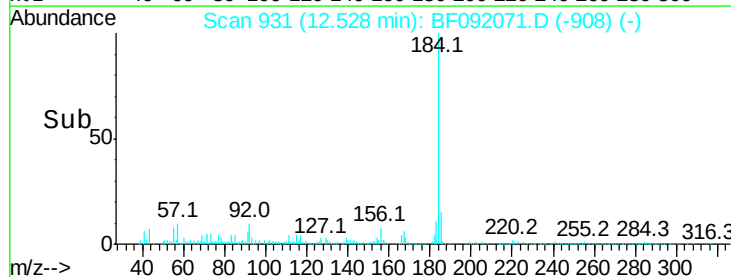
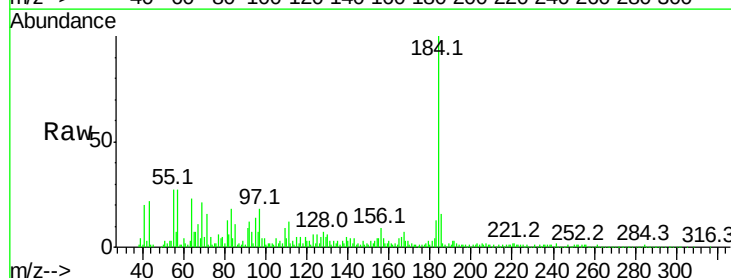
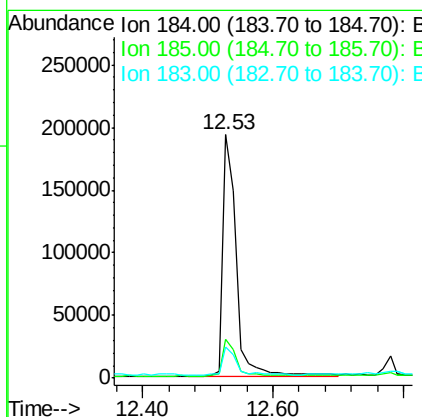
RT: 12.53 min Scan# 931

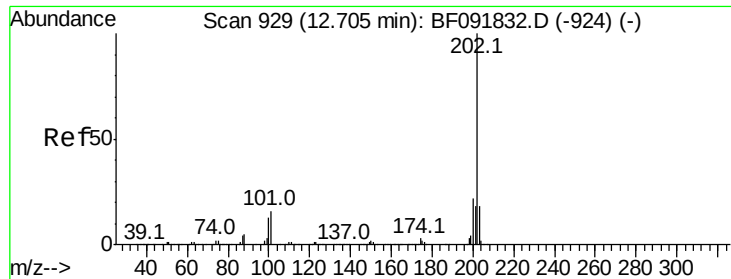
Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:	184	Resp:	286903
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.4	20.0
183	12.6	9.2	13.8





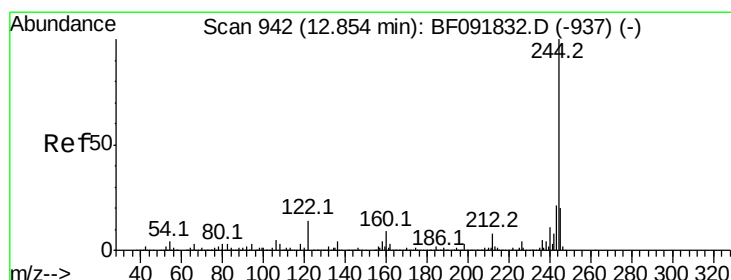
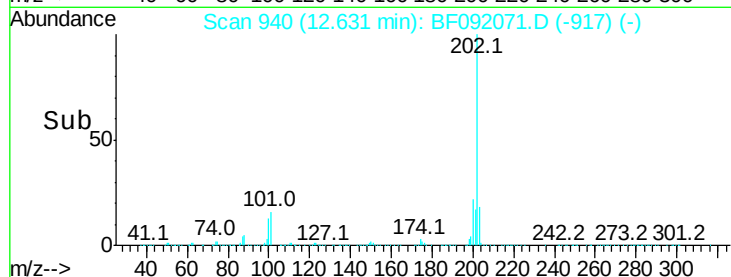
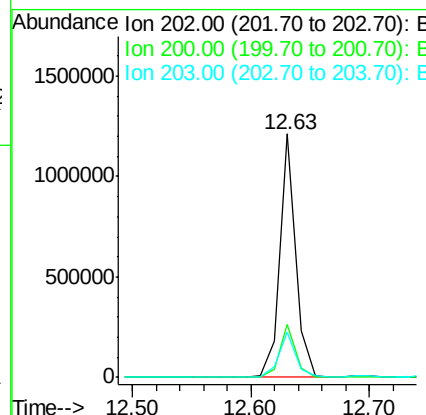
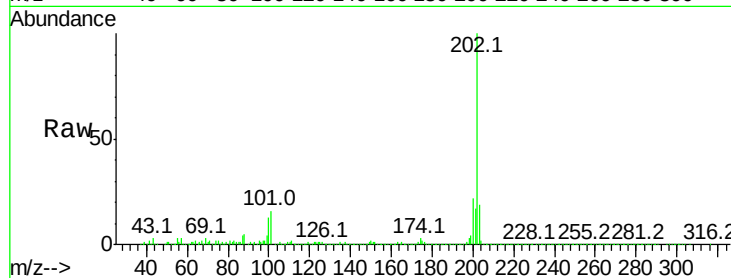
#77
Pvrene
Concen: 38.55 ng
RT: 12.63 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.7	14.7	22.1

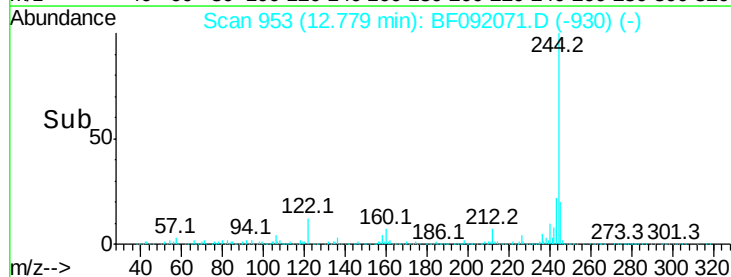
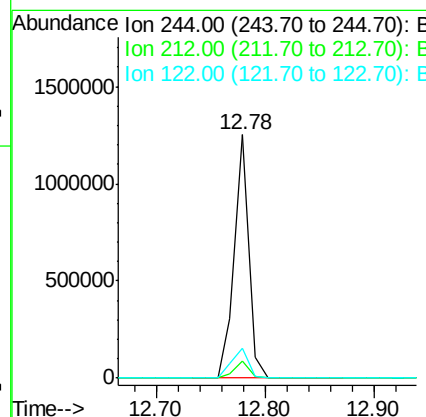
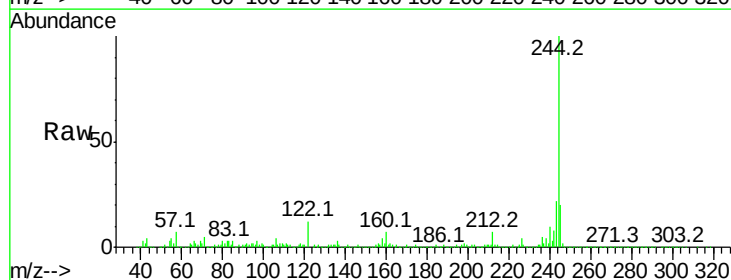
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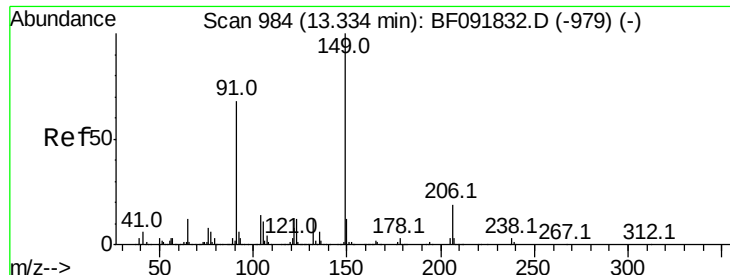
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#78
Terphenyl-d14
Concen: 69.65 ng
RT: 12.78 min Scan# 953
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	12.2	11.4	17.2





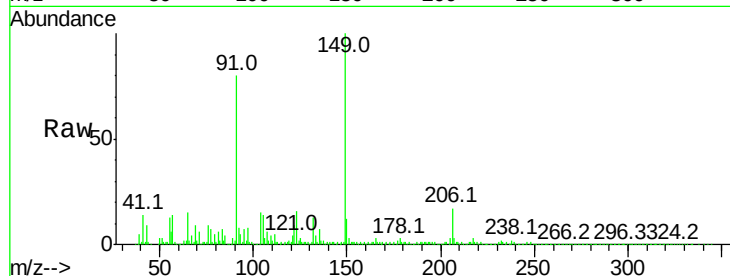
#79
Butylbenzylphthalate
Concen: 41.19 ng
RT: 13.26 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

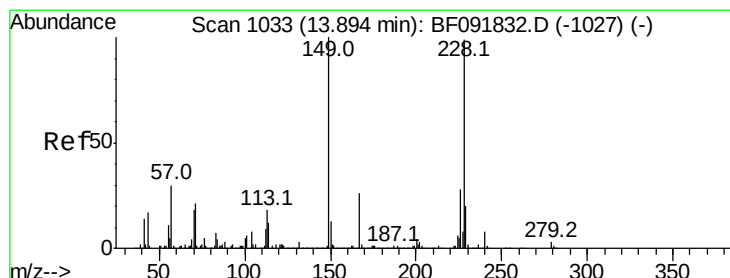
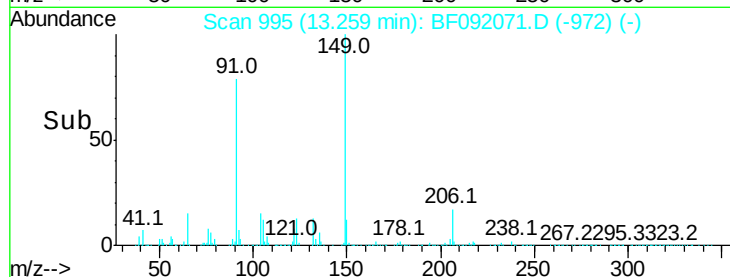
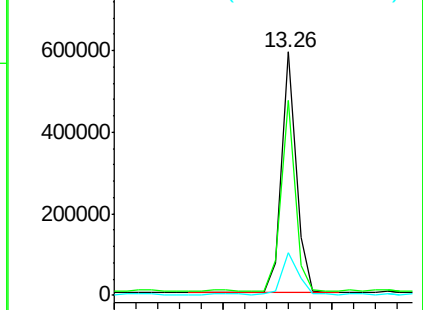
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	80.0	63.9	95.9	
206	17.4	14.6	21.8	

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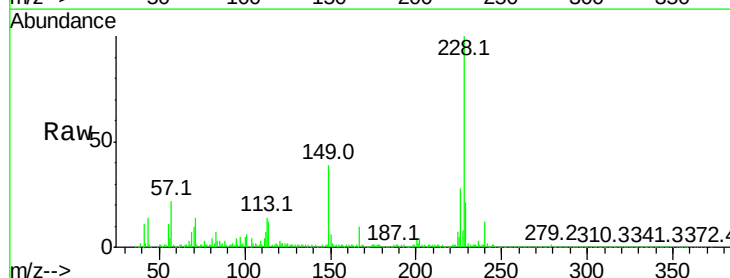


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

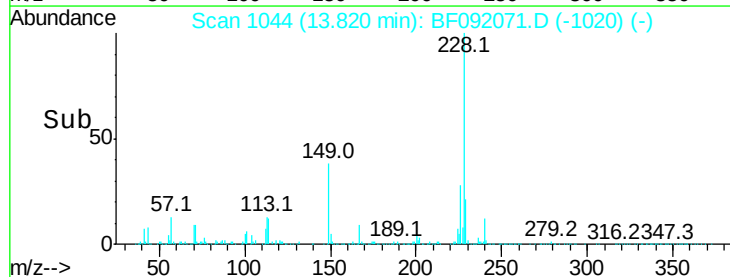
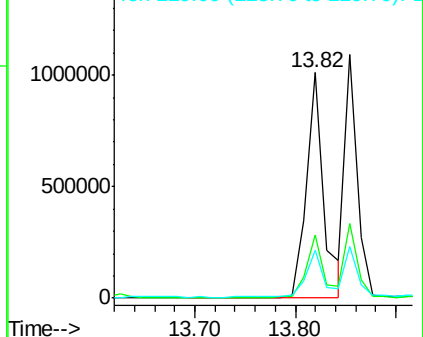


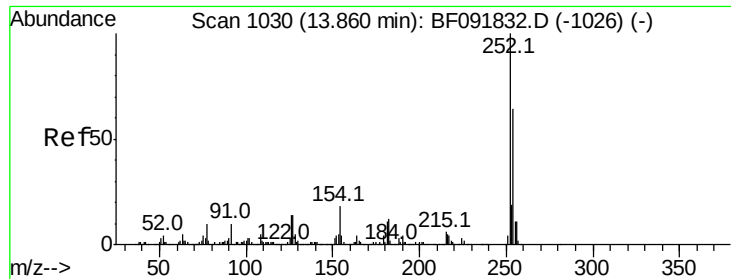
#80
Benzo(a)anthracene
Concen: 53.10 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.0	22.4	33.6	
229	20.9	16.2	24.4	



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





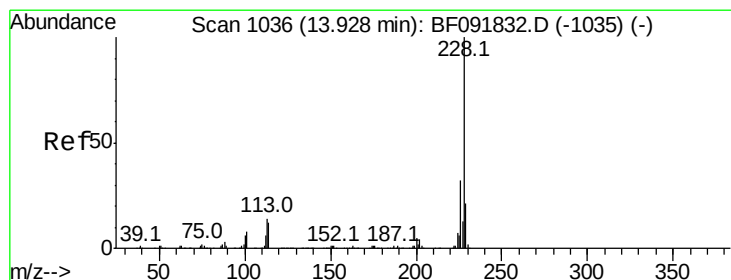
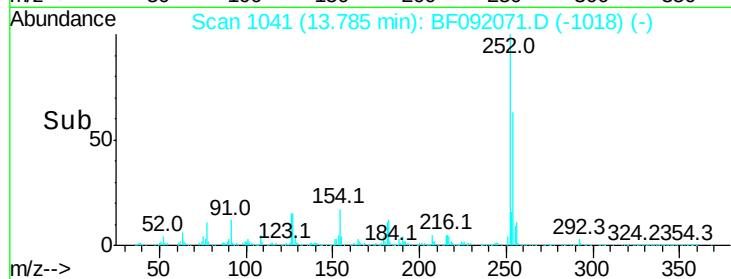
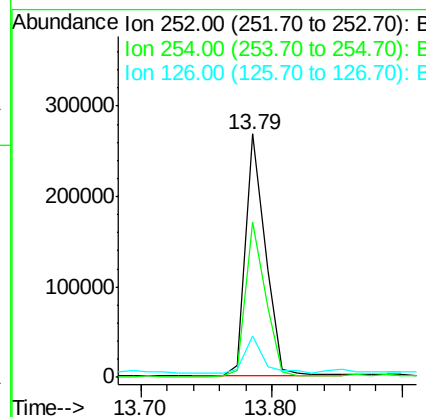
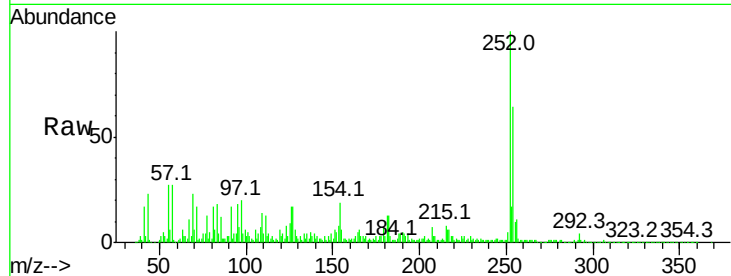
#81
 3,3'-Dichlorobenzidine
 Concen: 33.27 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.3	78.5
126	16.9	13.6	20.4

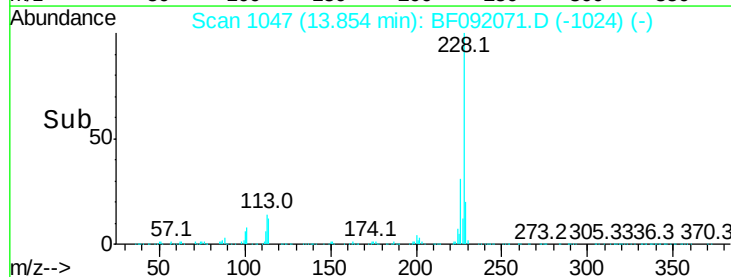
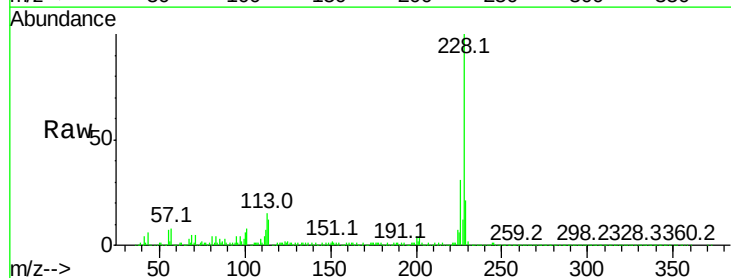
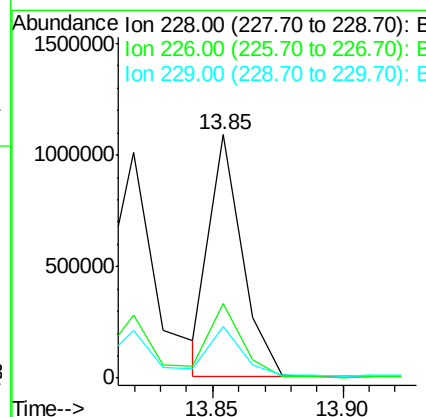
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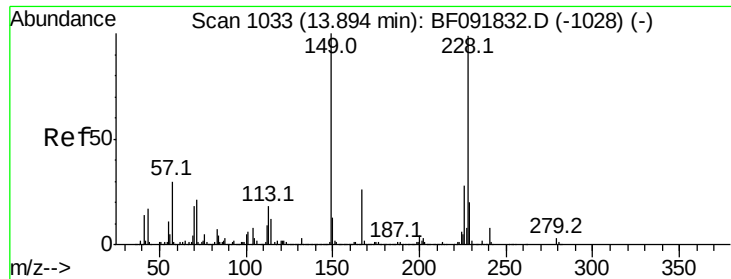
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#82
 Chrysene
 Concen: 41.47 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	21.0	16.2	24.2





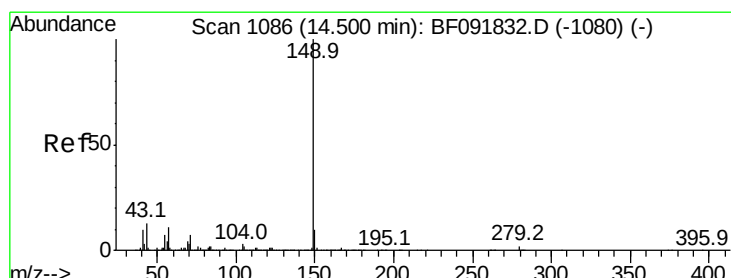
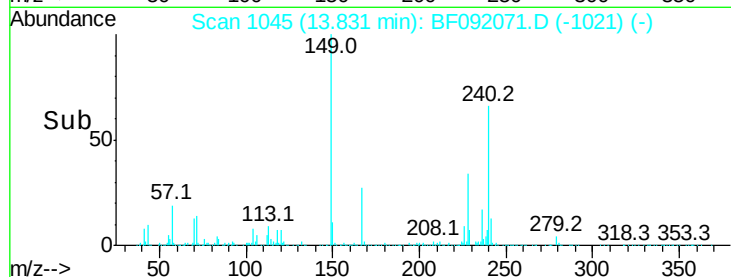
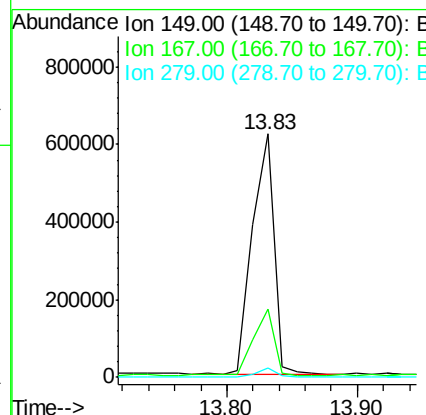
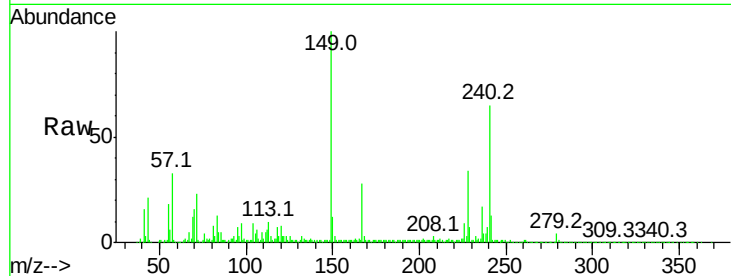
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.22 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.2	30.4
279	4.0	1.8	2.8

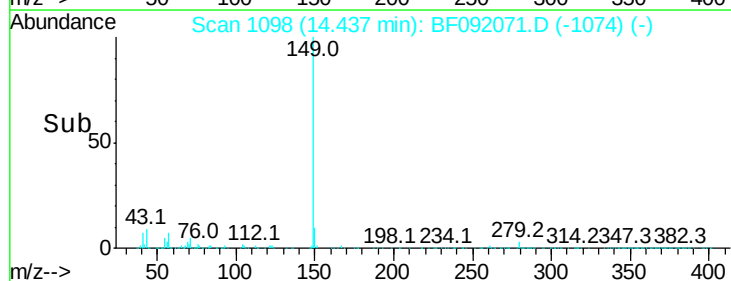
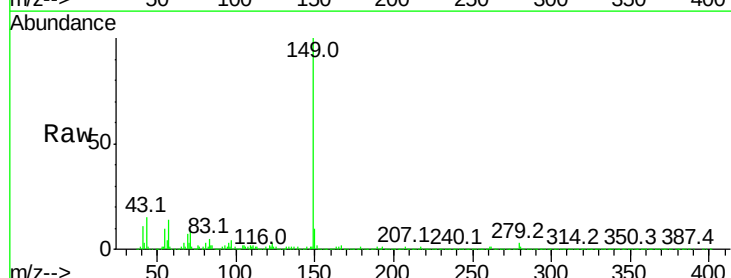
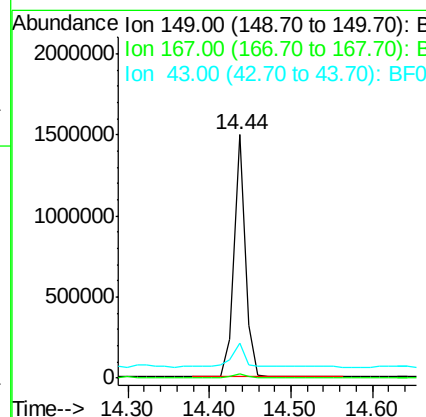
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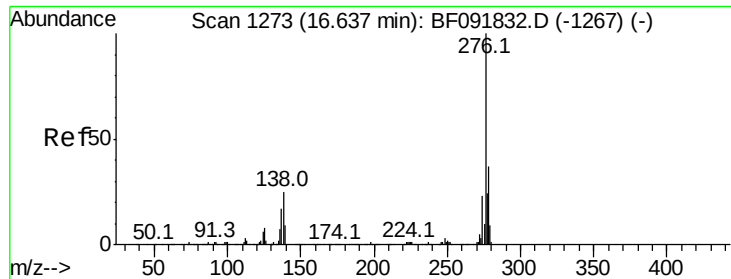
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#84
 Di-n-octyl phthalate
 Concen: 48.69 ng
 RT: 14.44 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.2	8.9	13.3





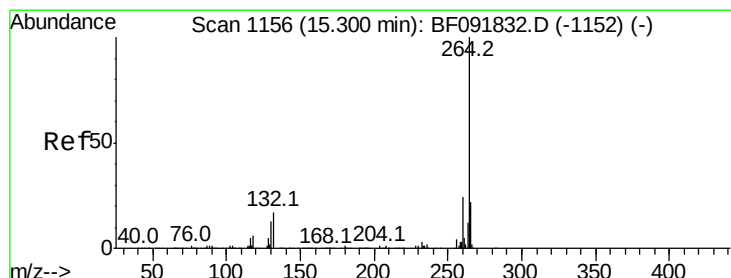
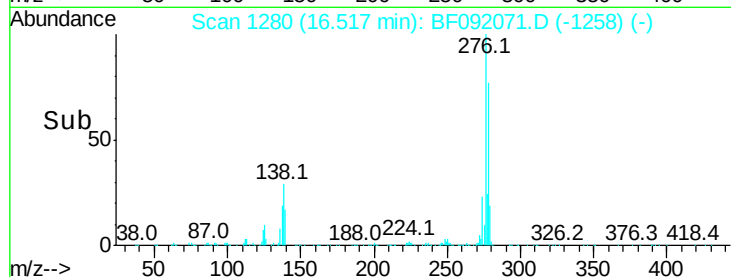
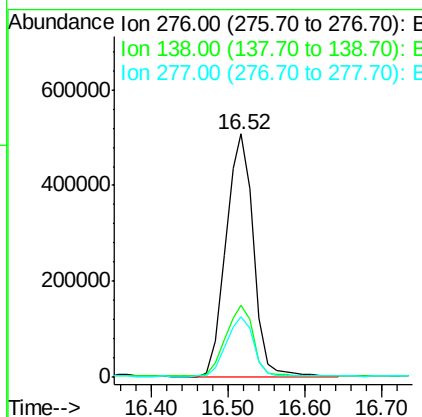
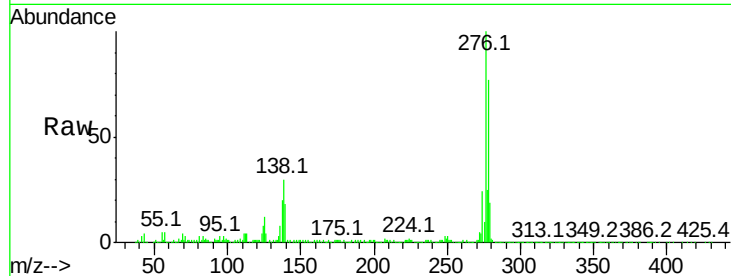
#85
Indeno(1,2,3-cd)pyrene
Concen: 65.23 ng
RT: 16.52 min Scan# 1280
Delta R.T. -0.05 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion:276 Resp: 1277587
Ion Ratio Lower Upper
276 100
138 29.0 21.8 32.6
277 24.8 20.2 30.4

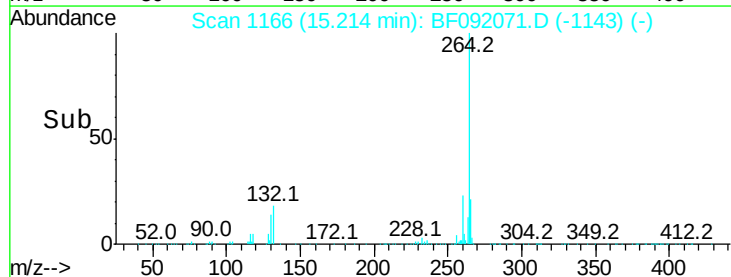
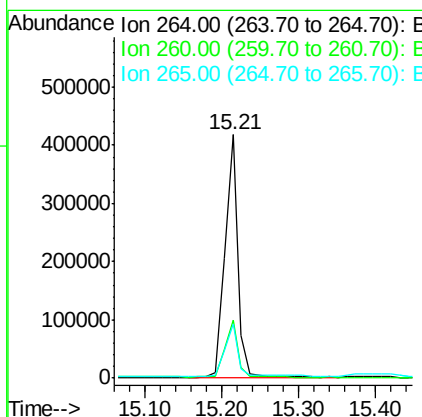
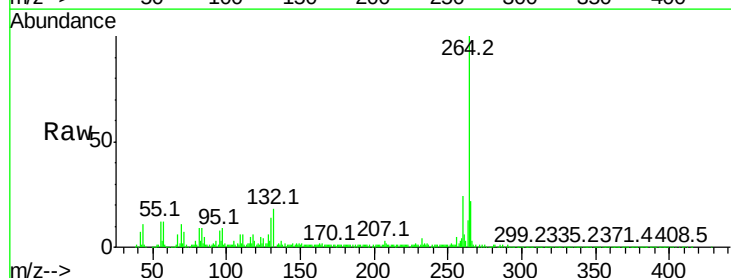
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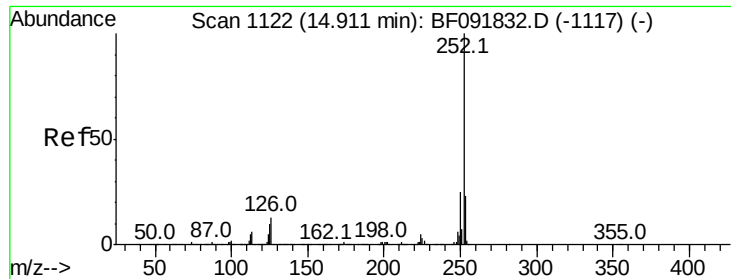
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:264 Resp: 496505
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 50.19 ng m

RT: 14.84 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:252 Resp: 1551468

Ion Ratio Lower Upper

252 100

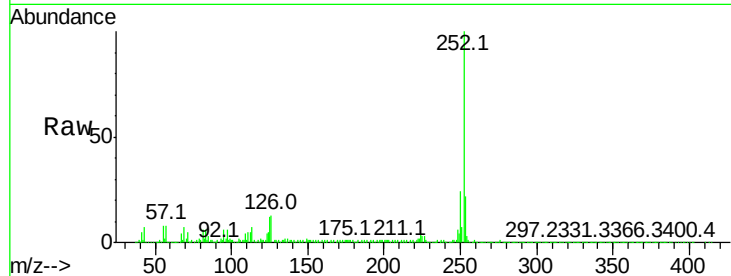
253 22.5 18.2 27.4

125 11.6 9.8 14.6

Manual Integrations
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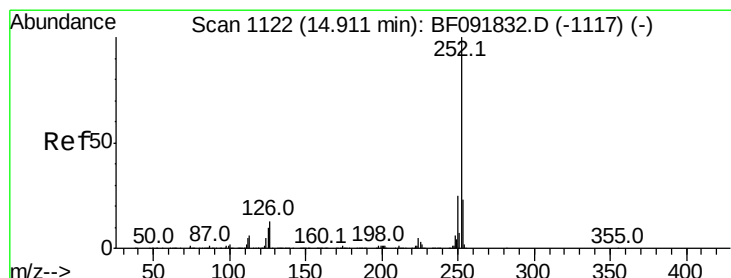
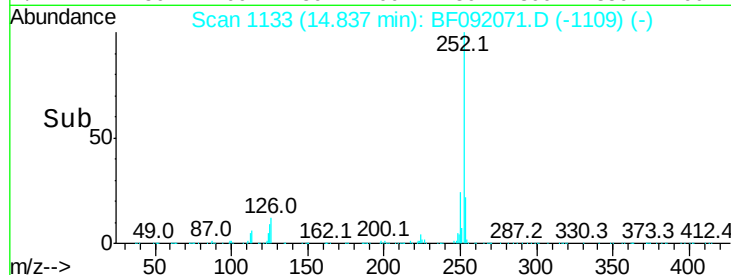
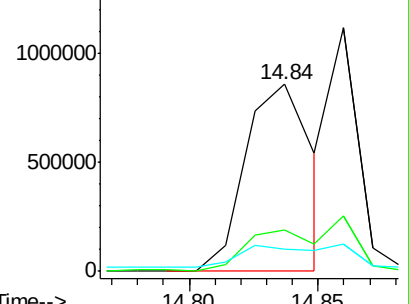
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.44 ng m

RT: 14.86 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:252 Resp: 881473

Ion Ratio Lower Upper

252 100

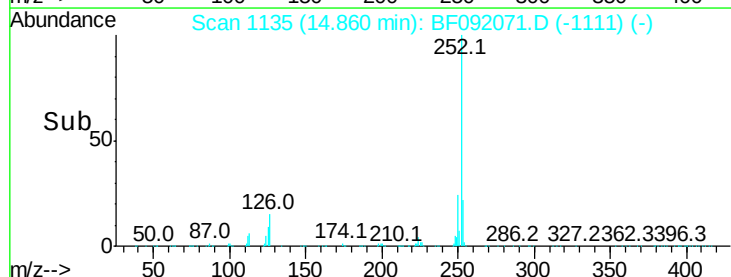
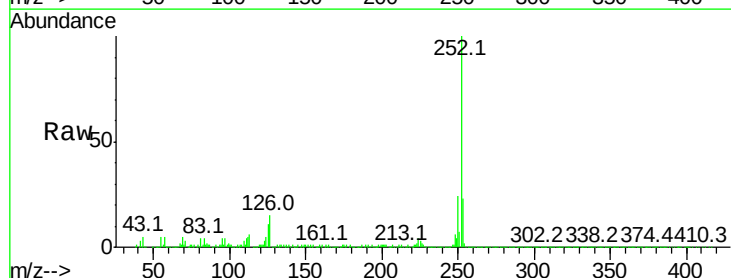
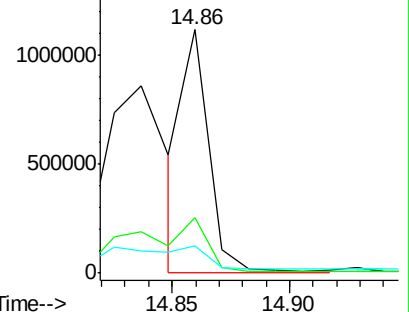
253 22.6 18.5 27.7

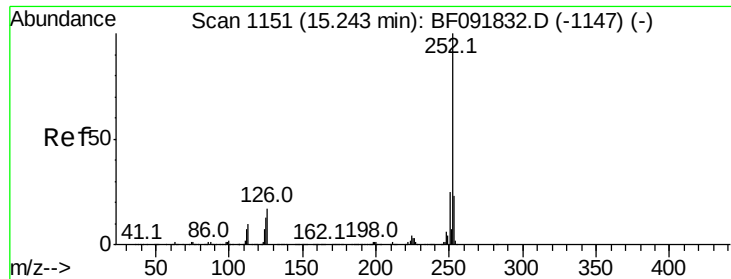
125 11.3 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





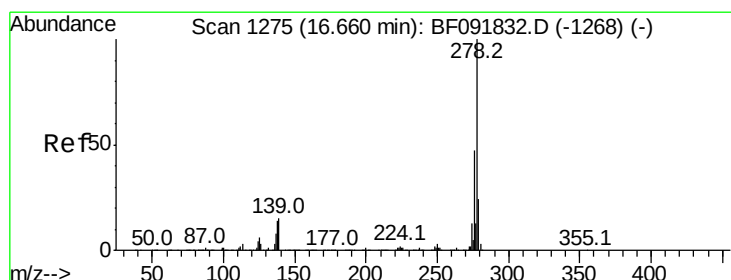
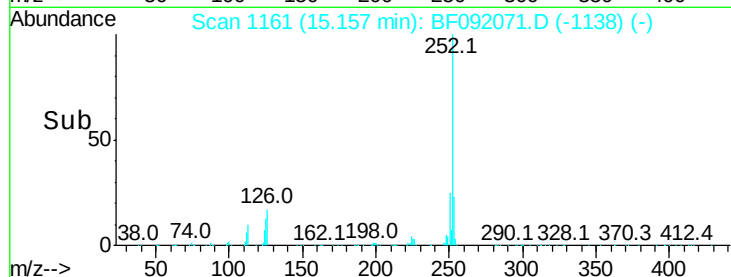
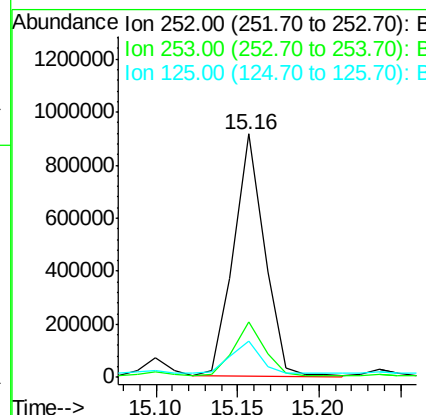
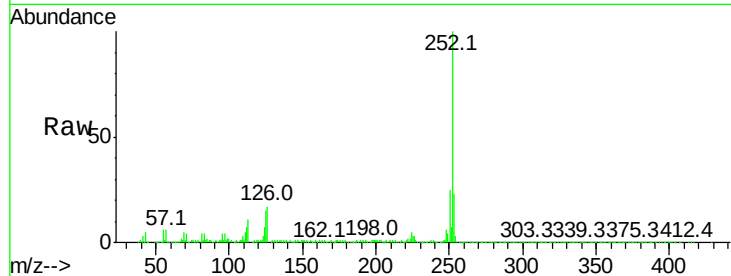
#89
Benzo(a)pyrene
Concen: 43.69 ng
RT: 15.16 min Scan# 1161
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	14.7	10.0	15.0

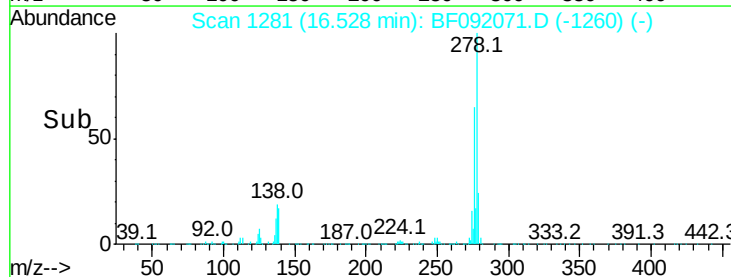
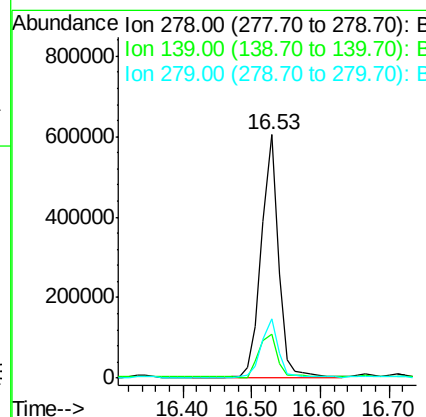
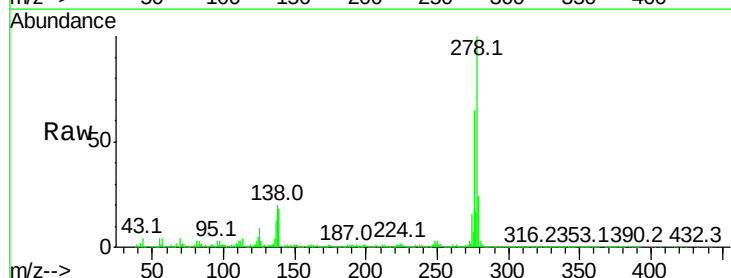
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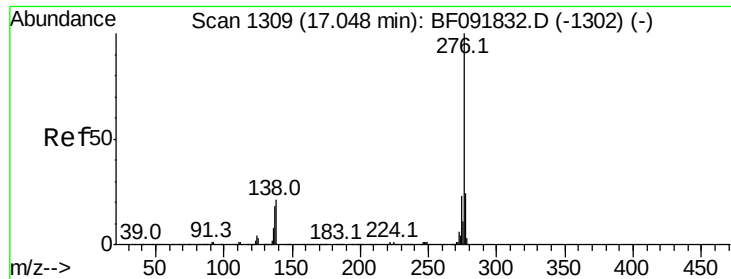
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#90
Dibenzo(a,h)anthracene
Concen: 45.74 ng
RT: 16.53 min Scan# 1281
Delta R.T. -0.06 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.8	22.2
279	24.5	19.8	29.6





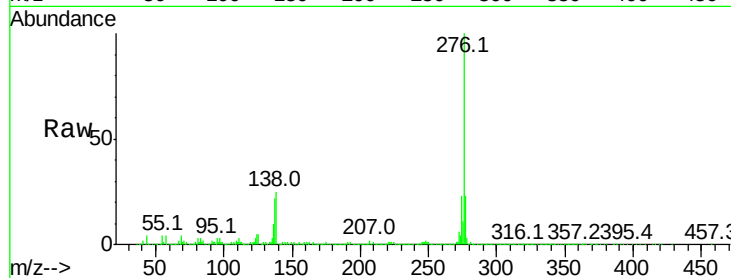
#91
 Benzo(a,h,i)perylene
 Concen: 45.59 ng
 RT: 16.91 min Scan# 1314
 Delta R.T. -0.06 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	25.3	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

