

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092067.D
 Acq On : 3 Jan 2017 18:17
 Operator : UM/SJ
 Sample : H6322-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Manual Integrations
 APPROVED

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 1/4/2017 2:05:46 PM

Quant Time: Jan 04 13:15:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 13:03:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	256496	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	1047100	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	536100	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	772569	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	438736	20.00	ng	-0.05
86) Perylene-d12	15.20	264	414719	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1790654	116.57	ng	-0.03
7) Phenol-d6	6.34	99	2472480	131.83	ng	-0.04
23) Nitrobenzene-d5	7.25	82	1785364	94.81	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	559316	126.07	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2808724	111.35	ng	-0.04
78) Terphenyl-d14	12.78	244	2033720	112.42	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	230113	30.43	ng	# 85
3) Pyridine	2.95	79	351891m	13.33	ng	
4) n-Nitrosodimethylamine	2.87	42	326275	32.77	ng	98
6) Aniline	6.34	93	288479	11.84	ng	# 52
8) 2-Chlorophenol	6.47	128	783933	44.86	ng	85
9) Benzaldehyde	6.22	77	62828	4.28	ng	98
10) Phenol	6.36	94	996334	46.62	ng	# 67
11) bis(2-Chloroethyl)ether	6.41	93	864479	50.84	ng	98
12) 1,3-Dichlorobenzene	6.61	146	785698m	42.12	ng	
13) 1,4-Dichlorobenzene	6.69	146	811338	42.73	ng	98
14) 1,2-Dichlorobenzene	6.85	146	704908	42.79	ng	94
15) Benzyl Alcohol	6.82	79	576480	39.56	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1139220	44.99	ng	65
17) 2-Methylphenol	6.95	107	633235	45.06	ng	96
18) Hexachloroethane	7.18	117	304499	43.26	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	595492	47.73	ng	96
20) 3+4-Methylphenols	7.11	107	890891	53.15	ng	# 72
22) Acetophenone	7.09	105	1171046	45.34	ng	# 93
24) Nitrobenzene	7.26	77	828177	41.29	ng	98
25) Isophorone	7.50	82	1673315	48.16	ng	95
26) 2-Nitrophenol	7.58	139	458261	46.33	ng	93
27) 2,4-Dimethylphenol	7.64	122	777083	47.37	ng	96
28) bis(2-Chloroethoxy)methane	7.72	93	1005903	47.75	ng	100
29) 2,4-Dichlorophenol	7.83	162	690650	49.72	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	674561	44.32	ng	95
31) Naphthalene	7.98	128	2273365	47.44	ng	100
32) Benzoic acid	7.78	122	562620	46.24	ng	93
33) 4-Chloroaniline	8.04	127	140963	6.52	ng	95
34) Hexachlorobutadiene	8.10	225	372950	46.42	ng	99
35) Caprolactam	8.42	113	214961m	47.09	ng	
36) 4-Chloro-3-methylphenol	8.54	107	719001	44.98	ng	99
37) 2-Methylnaphthalene	8.66	142	1555507	61.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	585592	43.23	ng	# 98
40) Hexachlorocyclopentadiene	8.82	237	573704	94.36	ng	97

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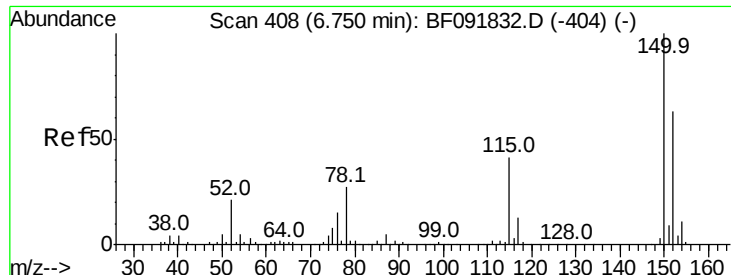
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	459700	48.53	nq	97
43) 2,4,5-Trichlorophenol	9.01	196	444861	45.63	nq	96
45) 1,1'-Biphenyl	9.13	154	1771279	48.25	nq	96
46) 2-Chloronaphthalene	9.16	162	1344667	46.26	nq	95
47) 2-Nitroaniline	9.26	65	459299	44.38	nq	96
48) Acenaphthylene	9.57	152	2082503	46.58	nq	99
49) Dimethylphthalate	9.45	163	1735106	50.60	nq	99
50) 2,6-Dinitrotoluene	9.51	165	388962	51.83	nq	90
51) Acenaphthene	9.74	154	1335043	44.05	nq	99
52) 3-Nitroaniline	9.67	138	75255	8.10	nq	96
53) 2,4-Dinitrophenol	9.78	184	384433	92.06	nq	# 61
54) Dibenzofuran	9.92	168	1899317	46.40	nq	93
55) 4-Nitrophenol	9.86	139	468374	74.27	nq	95
56) 2,4-Dinitrotoluene	9.91	165	419385	44.52	nq	# 76
57) Fluorene	10.26	166	1403234	47.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	387648	50.28	nq	98
59) Diethylphthalate	10.15	149	1599877	48.05	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	596491	45.74	nq	93
61) 4-Nitroaniline	10.29	138	328099	34.09	nq	94
62) Azobenzene	10.41	77	1834409	50.03	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	255428	54.68	nq	# 61
65) n-Nitrosodiphenylamine	10.38	169	1304543	56.91	nq	100
66) 4-Bromophenyl-phenylether	10.74	248	415816	51.74	nq	# 86
67) Hexachlorobenzene	10.80	284	385671	44.90	nq	# 82
68) Atrazine	10.92	200	364045	49.23	nq	96
69) Pentachlorophenol	11.01	266	418328	99.25	nq	100
70) Phenanthrene	11.21	178	1860246	44.41	nq	99
71) Anthracene	11.27	178	2108079	69.63	nq	99
72) Carbazole	11.43	167	1857348	47.85	nq	98
73) Di-n-butylphthalate	11.76	149	2037465	51.96	nq	99
74) Fluoranthene	12.40	202	1951167	53.84	nq	95
76) Benzidine	12.53	184	45230	3.56	nq	98
77) Pyrene	12.63	202	1907785	59.27	nq	99
79) Butylbenzylphthalate	13.26	149	886626	60.56	nq	88
80) Benzo(a)anthracene	13.81	228	1380686	55.75	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	176568	18.80	nq	# 94
82) Chrysene	13.85	228	1409609	56.74	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	996841	57.82	nq	99
84) Di-n-octyl phthalate	14.44	149	1752687	54.88	nq	98
85) Indeno(1,2,3-cd)pyrene	16.49	276	1493635	69.40	nq	97
87) Benzo(b)fluoranthene	14.83	252	1429948m	55.38	nq	
88) Benzo(k)fluoranthene	14.85	252	904689m	41.09	nq	
89) Benzo(a)pyrene	15.15	252	1127348	49.19	nq	98
90) Dibenzo(a,h)anthracene	16.51	278	1217580	64.64	nq	96
91) Benzo(g,h,i)perylene	16.88	276	1309715	66.87	nq	# 92

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



#1

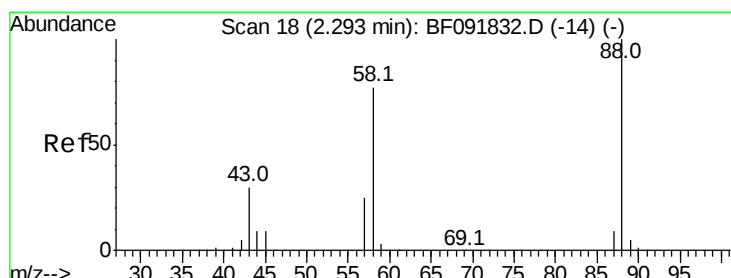
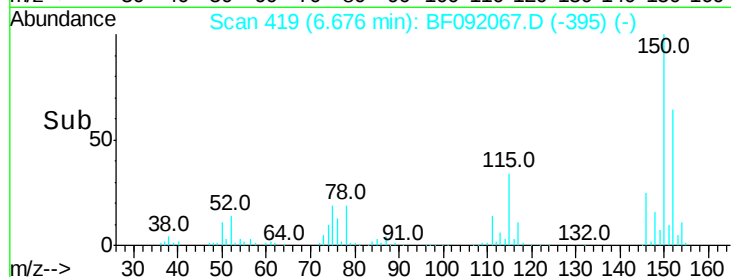
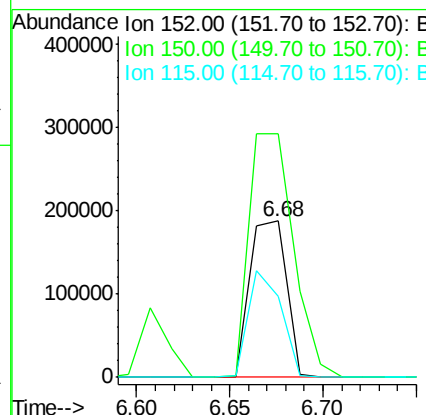
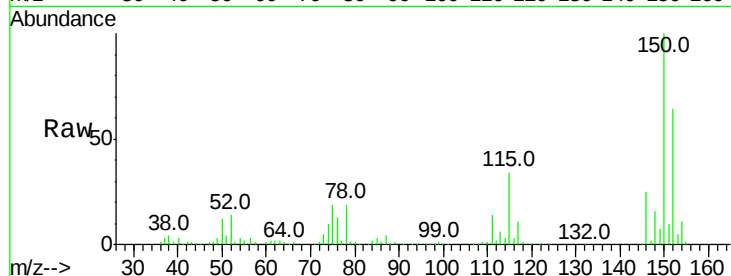
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 419
Delta R.T. -0.03 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	52.1	46.0	69.0

Manual Integrations
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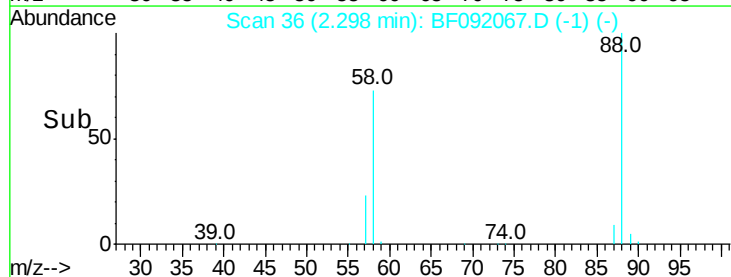
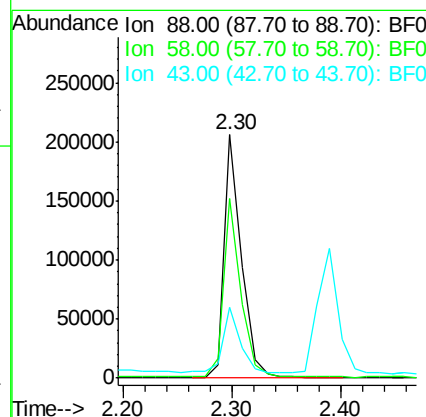
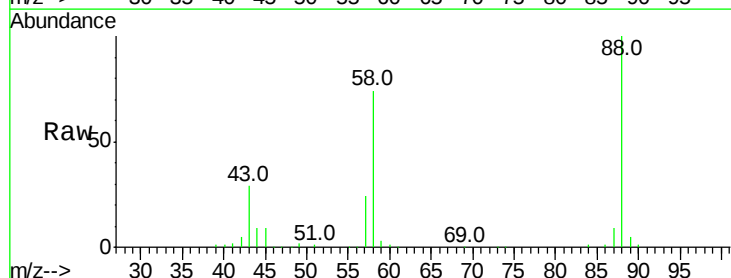
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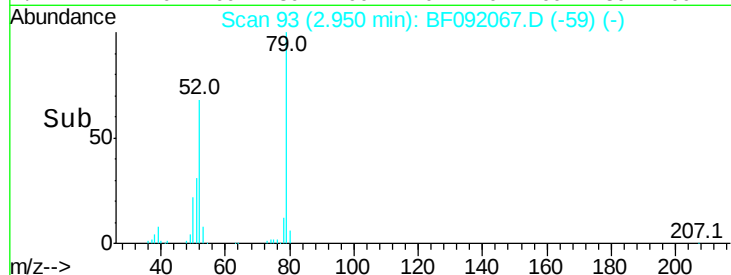
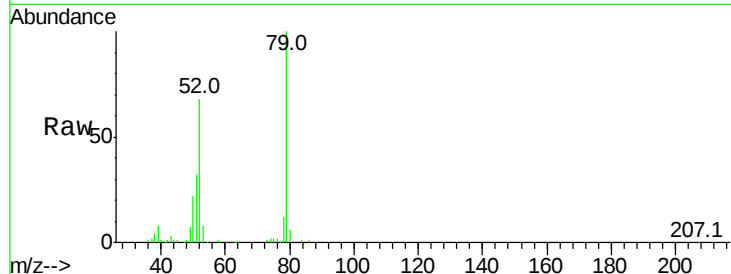
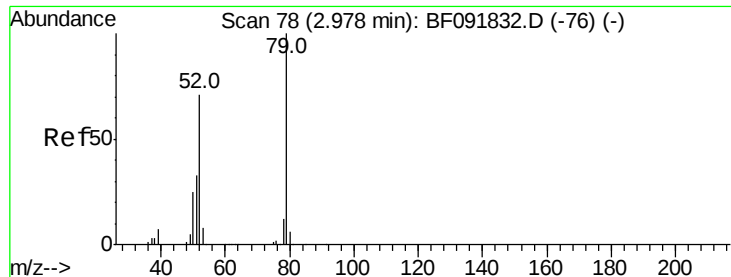


#2

1,4-Dioxane
Concen: 30.43 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.11 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	57.8	86.8
43	0.0	22.3	33.5





#3

Pvridine

Concen: 13.33 ng/ml

RT: 2.95 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF092067.D

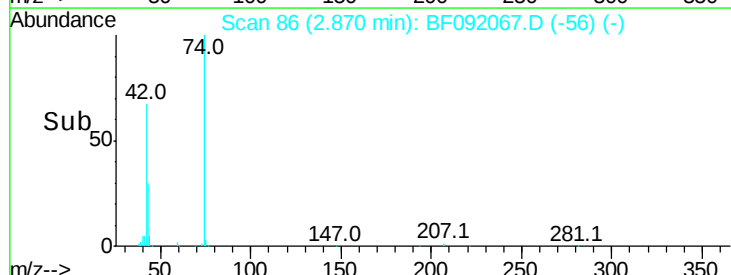
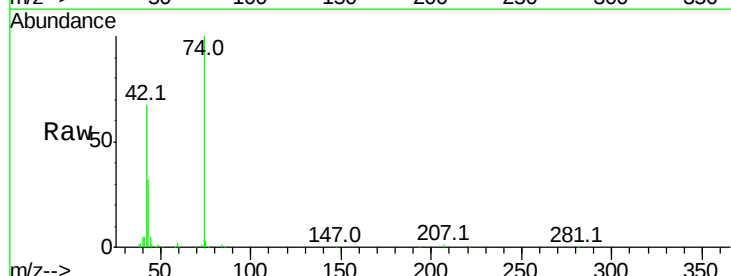
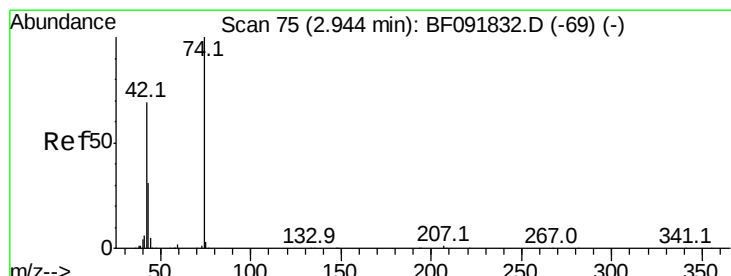
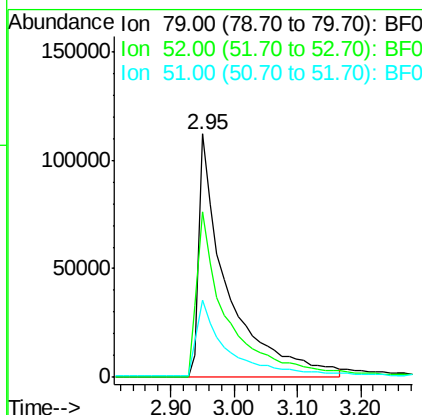
Acq: 3 Jan 2017 18:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	57.1	85.7
51	32.0	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.77 ng/ml

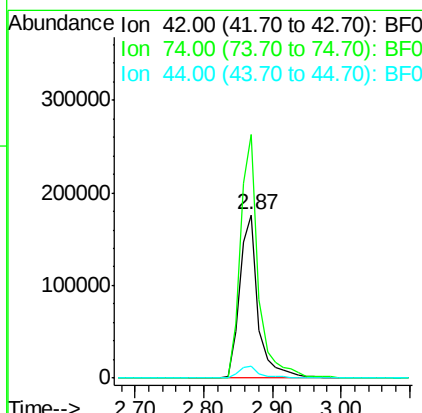
RT: 2.87 min Scan# 86

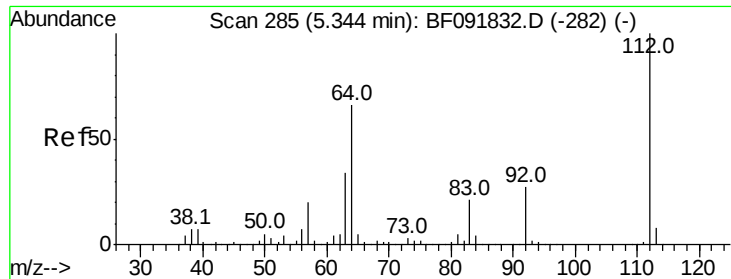
Delta R.T. 0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.1	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 116.57 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:112 Resp: 1790654

Ion Ratio Lower Upper

112 100

64 58.4 46.1 69.1

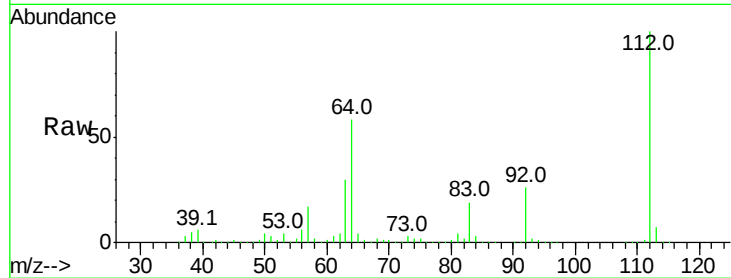
63 29.8 23.8 35.6

Manual Integrations

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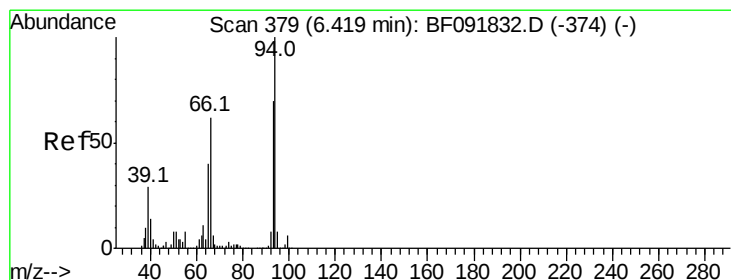
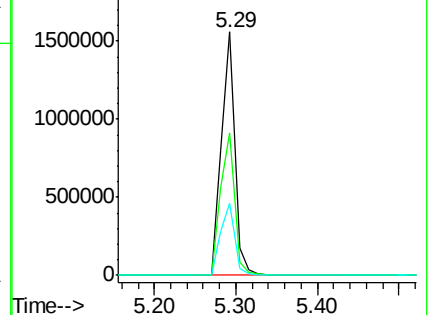
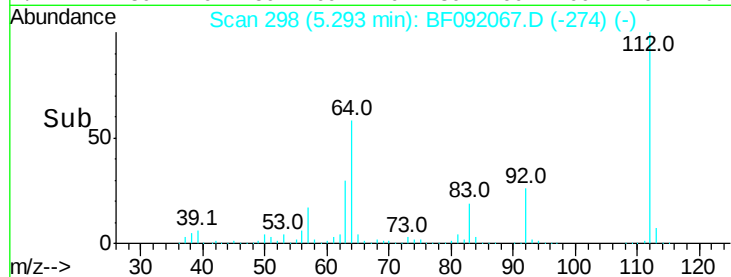
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.84 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

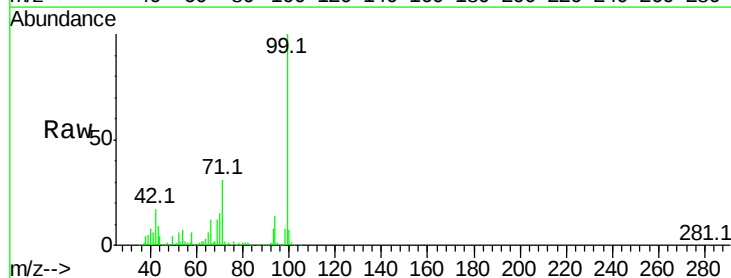
Tgt Ion: 93 Resp: 288479

Ion Ratio Lower Upper

93 100

66 157.3 76.2 114.2#

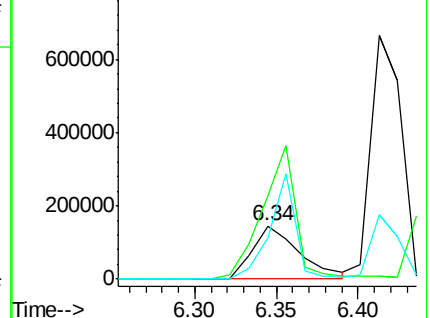
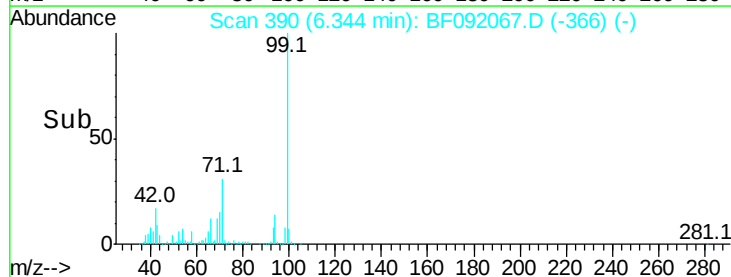
65 78.7 49.3 73.9#

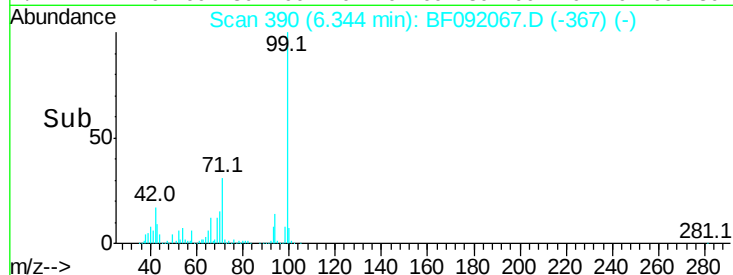
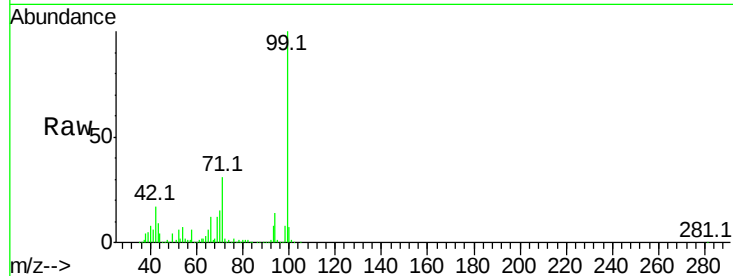
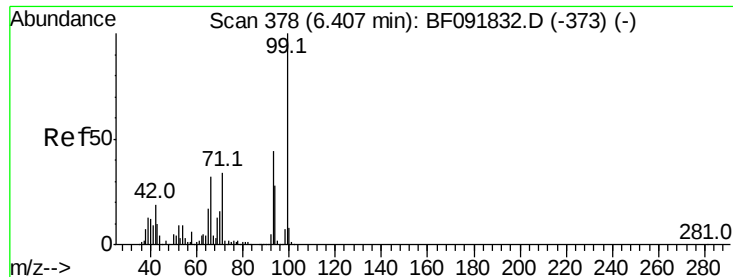


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.83 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tot Ion:	99	Resp:	2472480
Ion	Ratio	Lower	Upper
99	100		
42	16.5	15.6	23.4
71	31.2	27.5	41.3

Instrument :

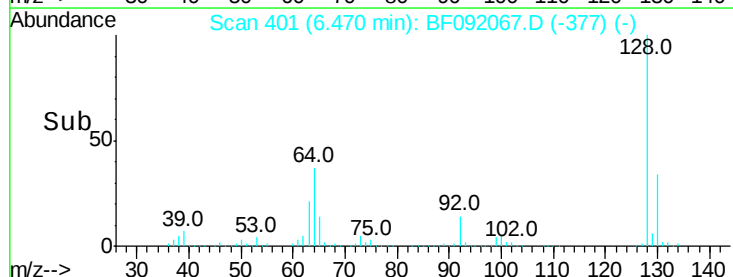
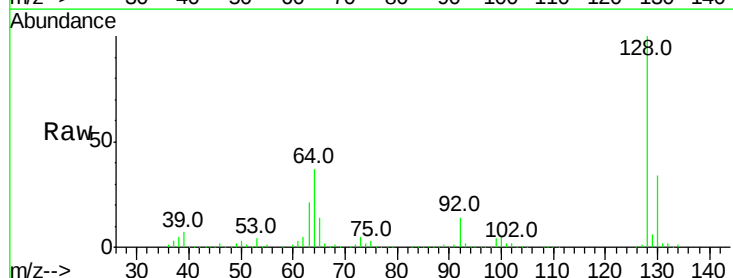
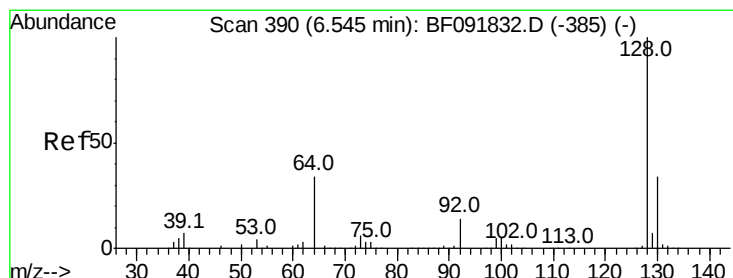
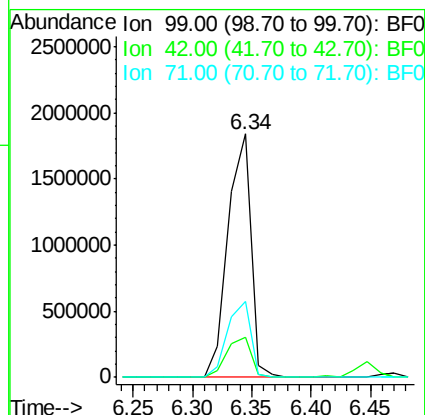
BNA_F

ClientSampleId :

TP9-COMP9MSD

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#8

2-Chlorophenol

Concen: 44.86 ng

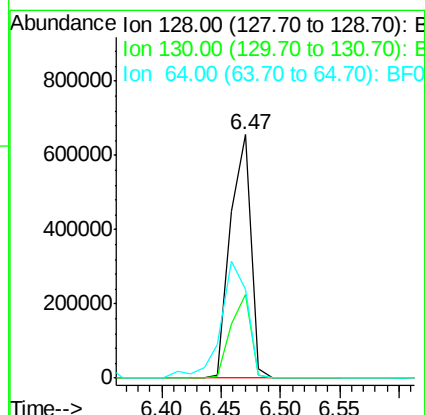
RT: 6.47 min Scan# 401

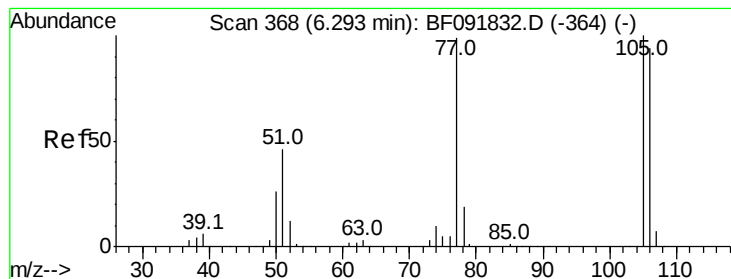
Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion:	128	Resp:	783933
Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.3	52.3
64	36.7	32.2	72.2





#9

Benzaldehyde

Concen: 4.28 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

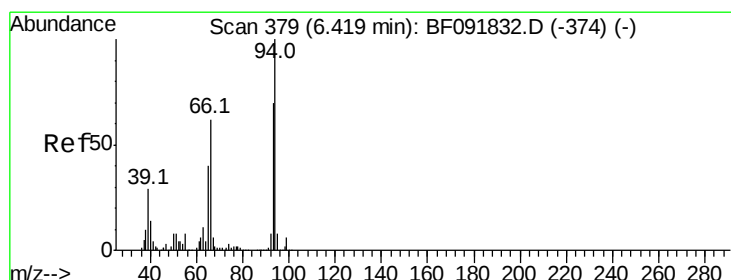
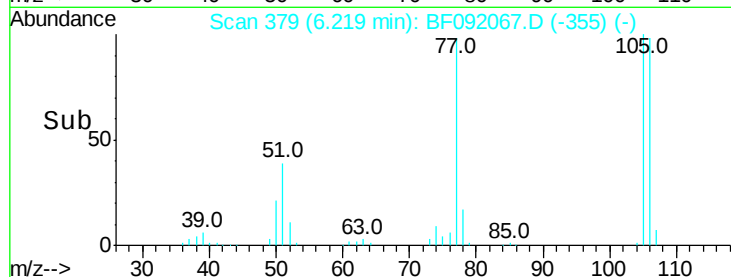
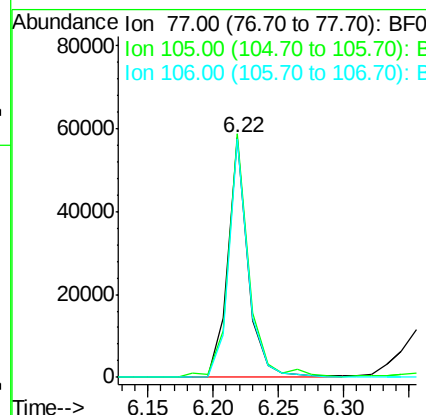
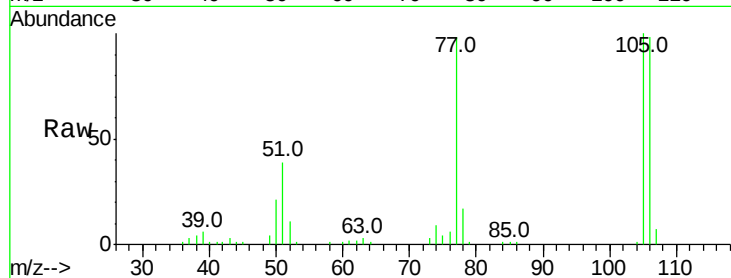
ClientSampleId :

TP9-COMP9MSD

Tot Ion:	77	Resp:	62828
Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.9	123.9
106	99.5	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 46.62 ng

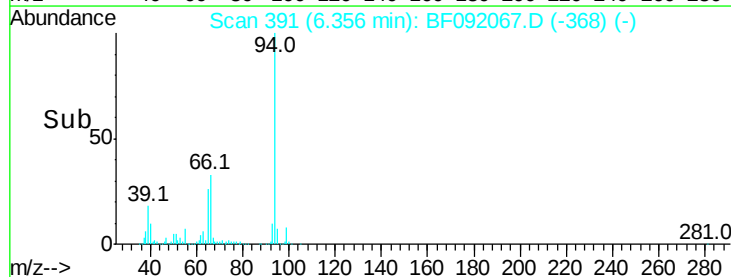
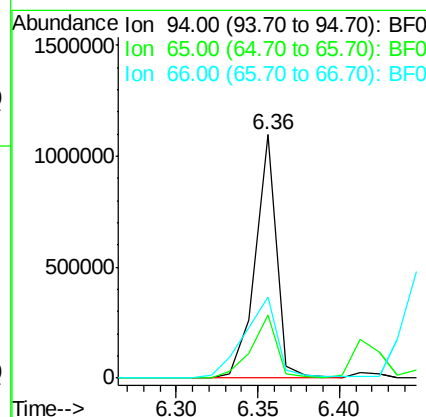
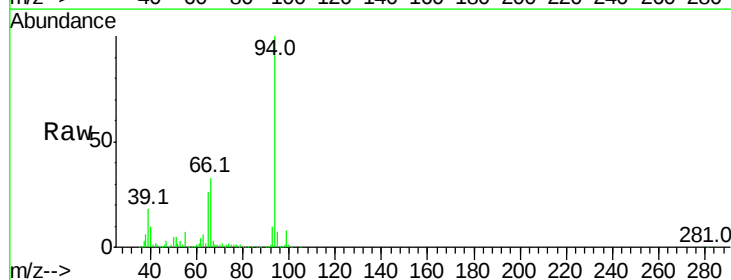
RT: 6.36 min Scan# 391

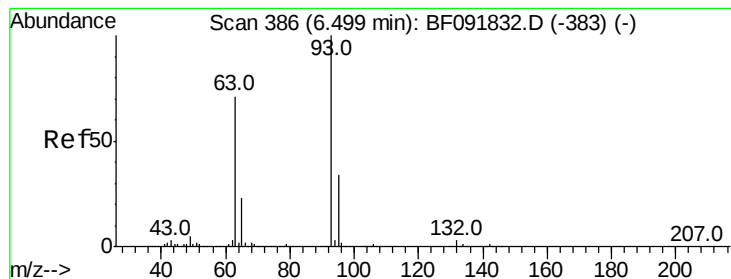
Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion:	94	Resp:	996334
Ion	Ratio	Lower	Upper
94	100		
65	26.2	21.4	61.4
66	33.3	44.0	84.0#





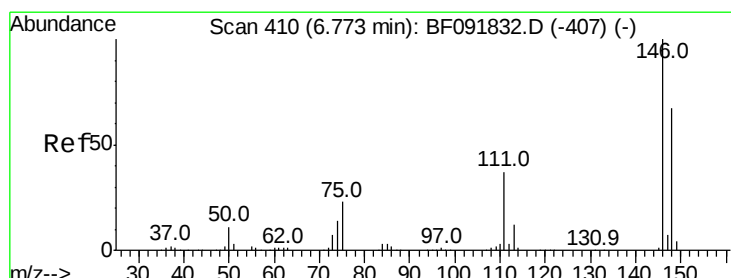
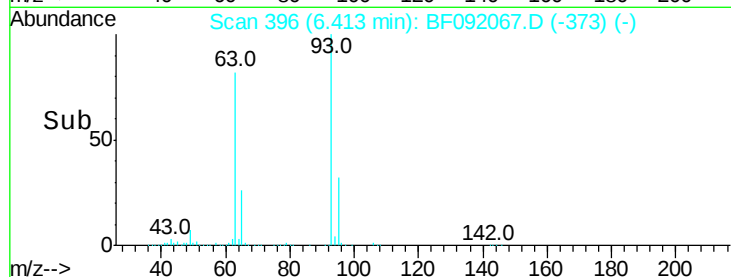
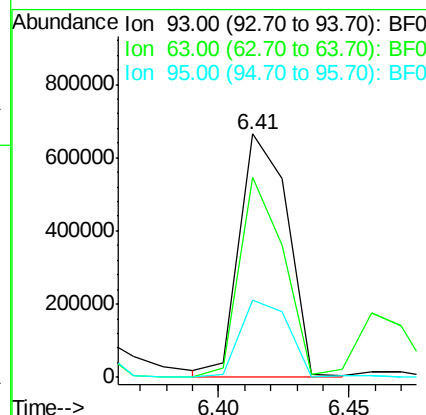
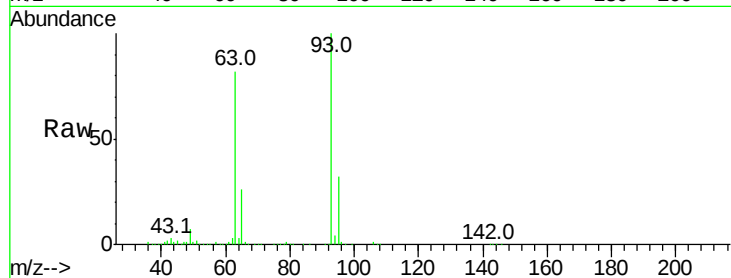
#11
bis(2-Chloroethyl)ether
Concen: 50.84 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.3	60.4	100.4
95	31.8	12.8	52.8

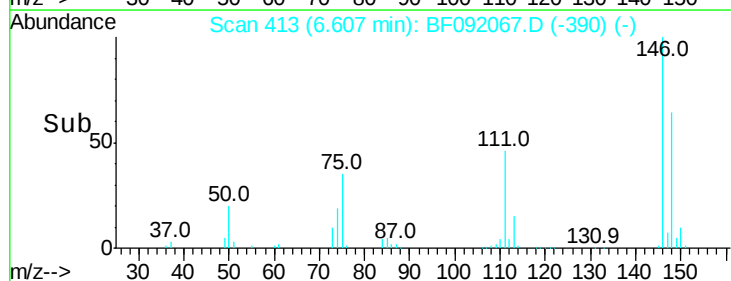
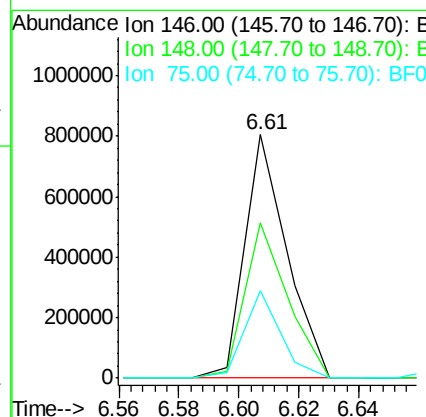
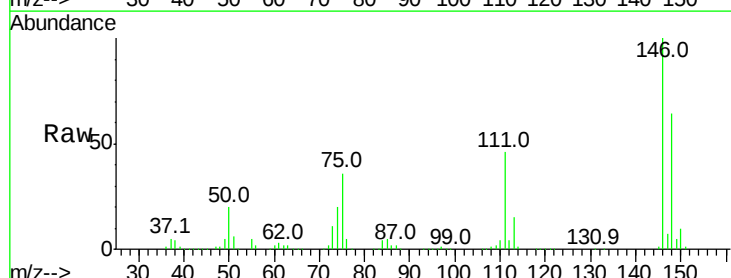
Manual Integrations
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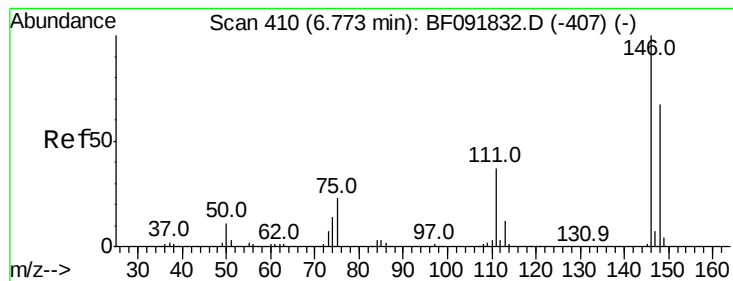
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.12 ng m
RT: 6.61 min Scan# 413
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.0
75	35.9	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.73 ng

RT: 6.69 min Scan# 420

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:146 Resp: 811338

Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

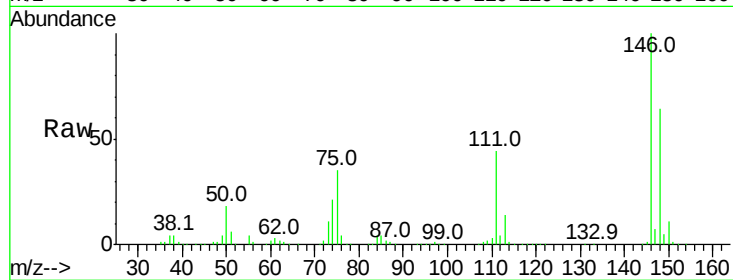
111 43.7 36.2 54.4

Manual Integrations

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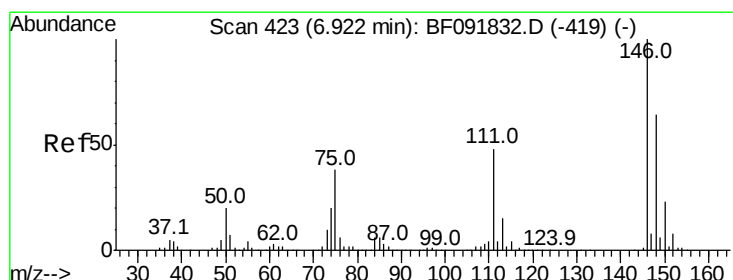
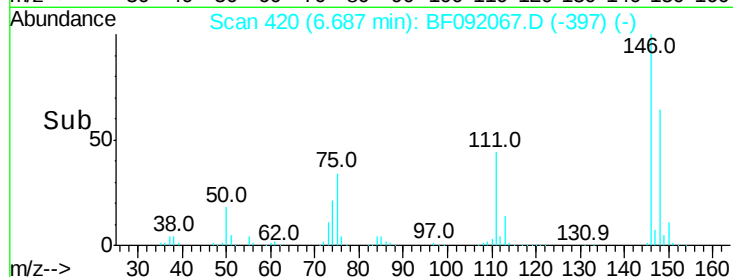
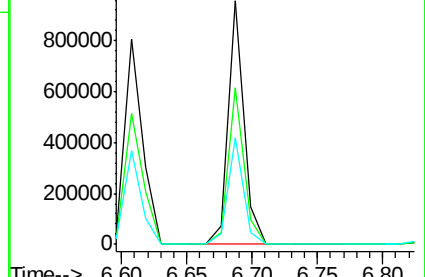
1/4/2017 2:05:46 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.79 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

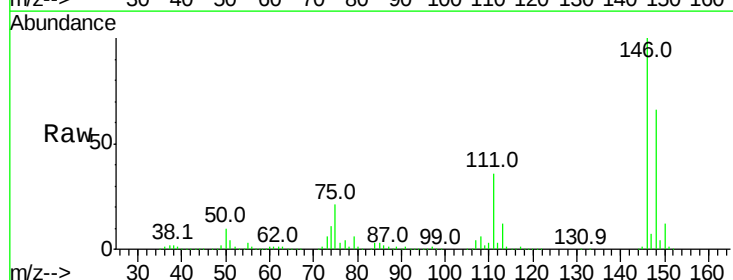
Tgt Ion:146 Resp: 704908

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

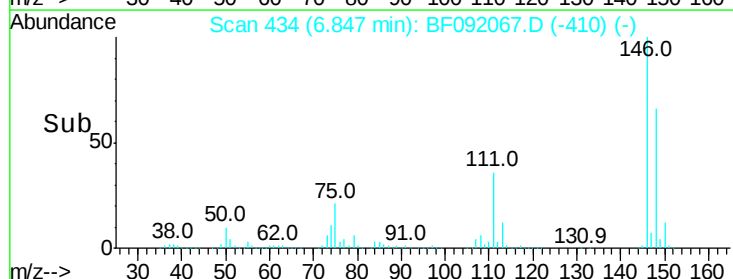
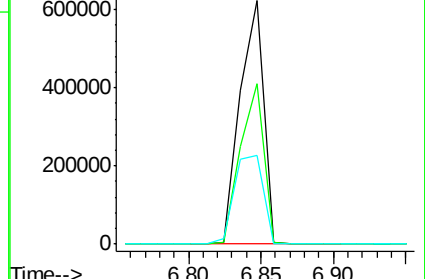
111 36.3 36.2 54.2

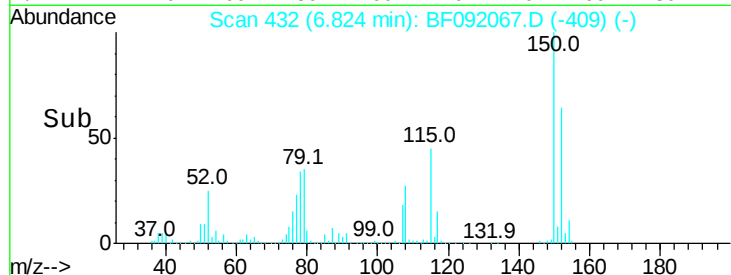
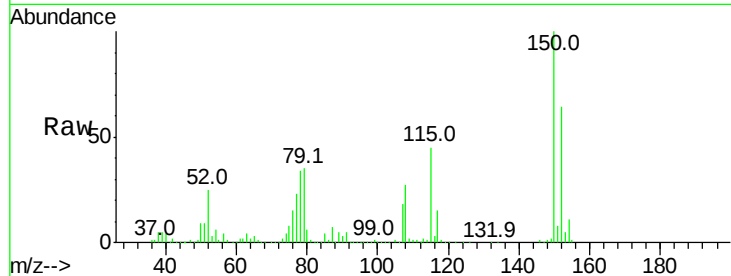
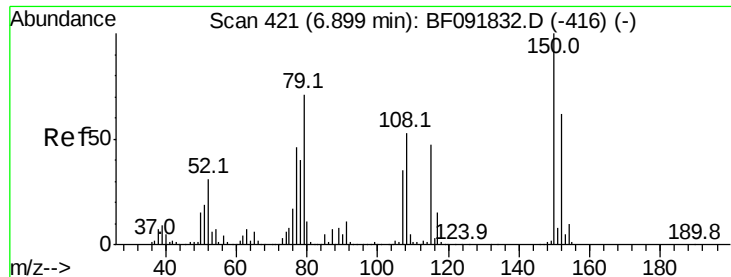


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





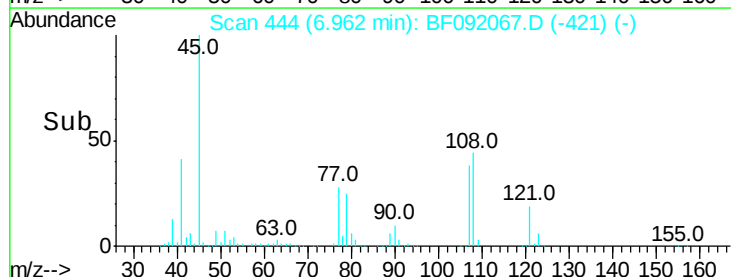
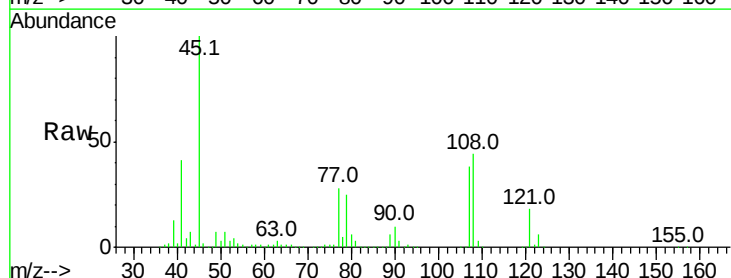
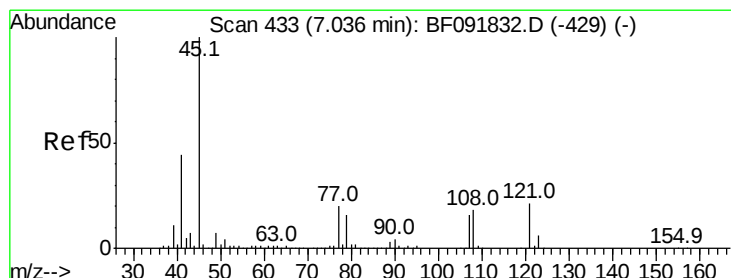
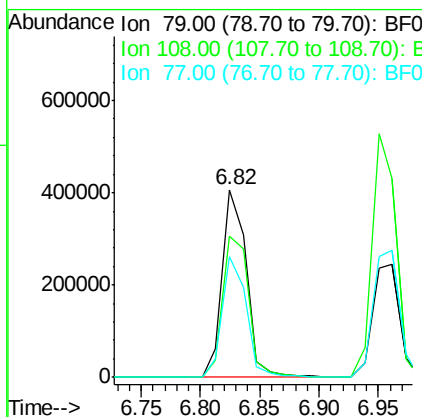
#15
Benzyl Alcohol
Concen: 39.56 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	61.4	92.0
77	64.5	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

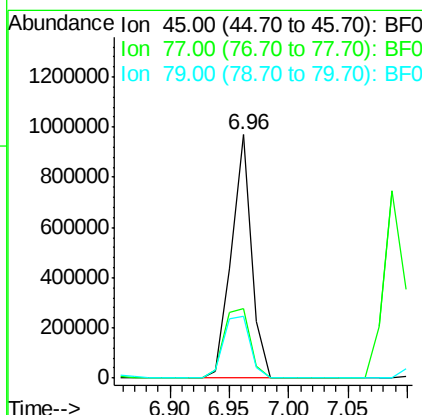
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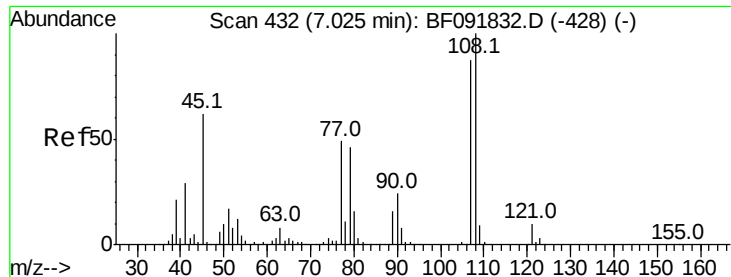
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.99 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.5	0.0	34.6
79	25.4	0.0	31.2





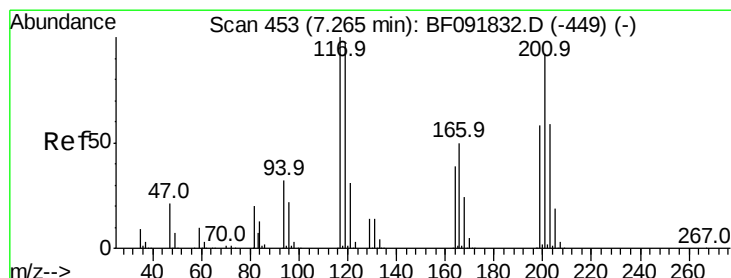
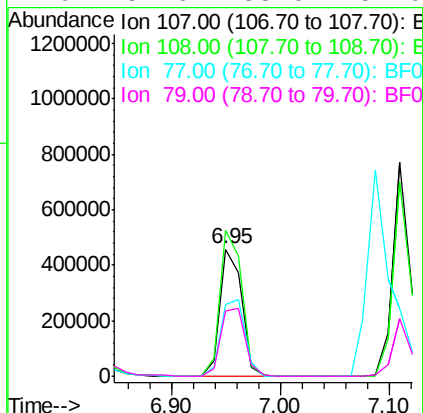
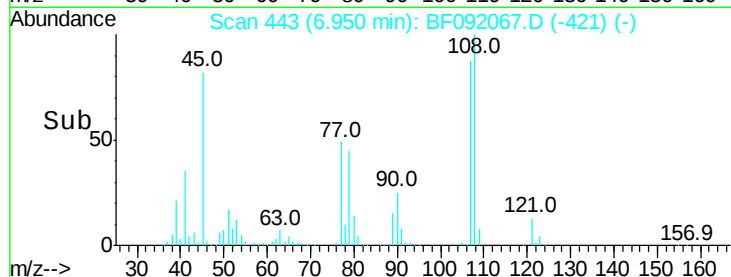
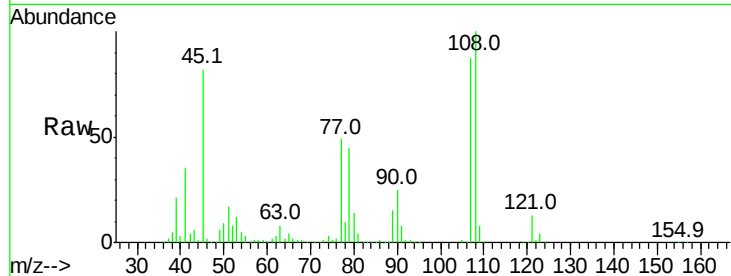
#17
2-Methylphenol
Concen: 45.06 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	93.0	139.6	
77	56.9	39.8	59.8	
79	51.6	38.0	57.0	

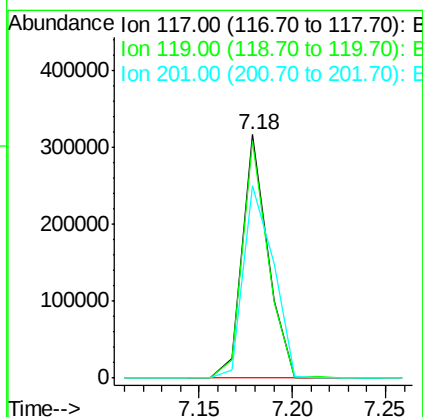
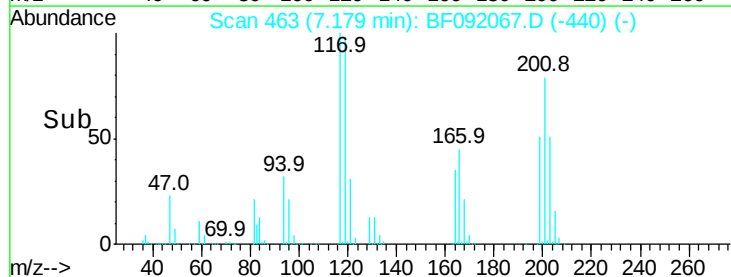
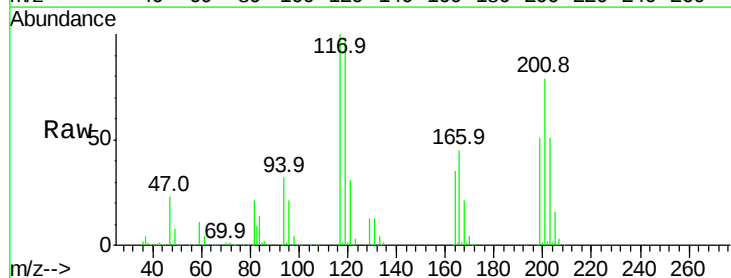
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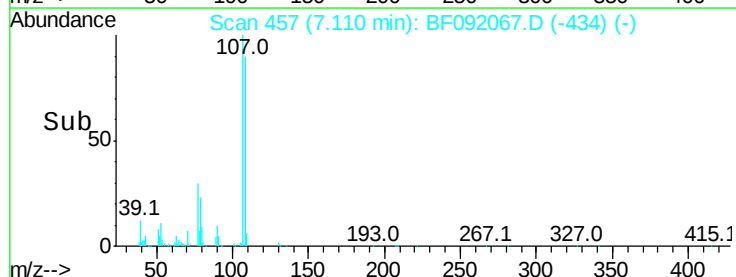
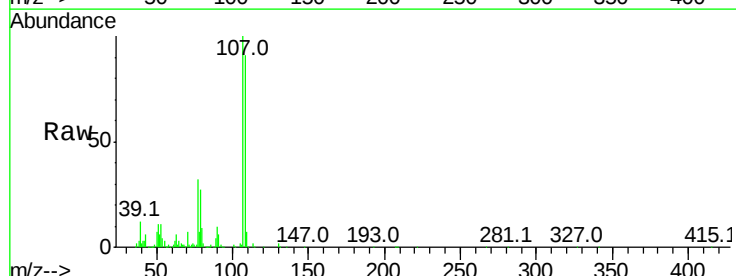
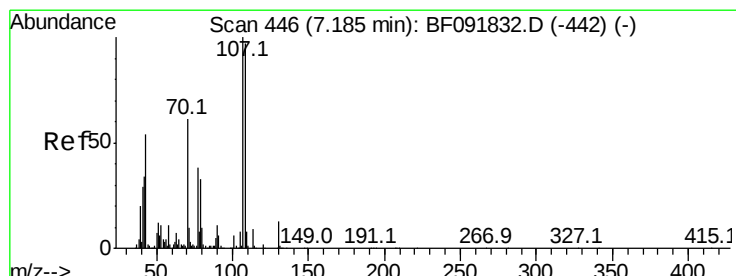
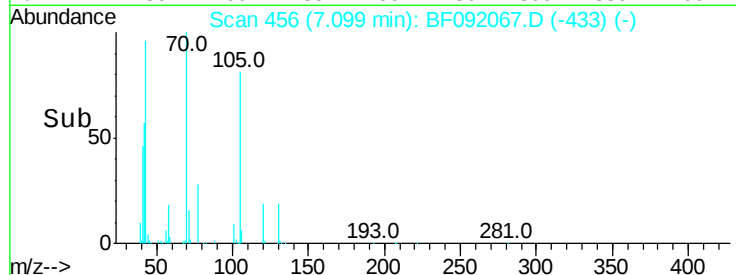
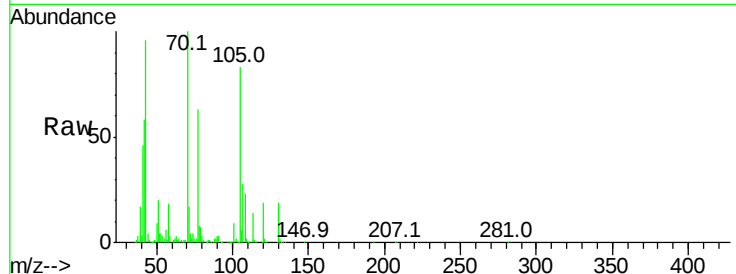
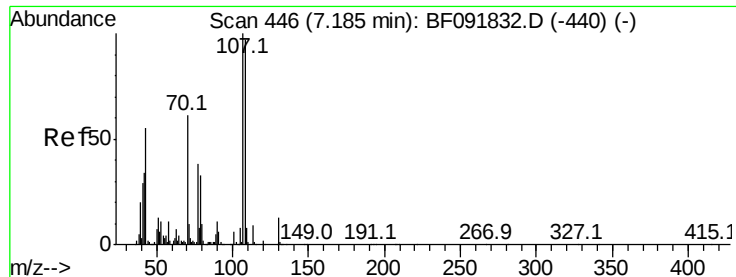
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#18
Hexachloroethane
Concen: 43.26 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	78.1	117.1	
201	79.0	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 47.73 ng

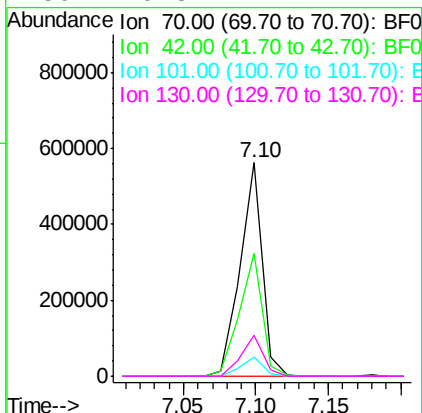
RT: 7.10 min Scan# 456

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.6	49.4	74.0		
101	9.0	7.4	11.2		
130	19.3	14.2	21.4		



Instrument :
BNA_F

ClientSampleId :
TP9-COMP9MSD

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#20

3+4-Methylphenols

Concen: 53.15 ng

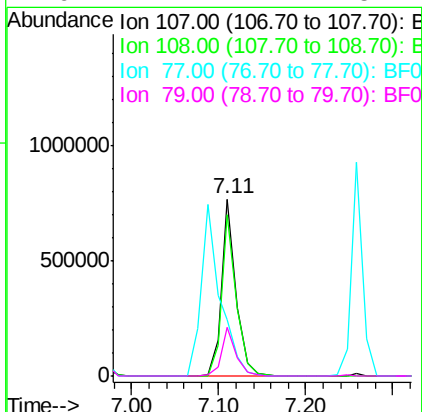
RT: 7.11 min Scan# 457

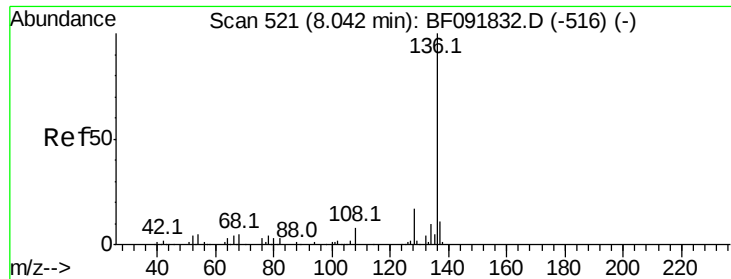
Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.3	73.0	113.0		
77	32.1	71.3	111.3#		
79	27.2	11.1	51.1		





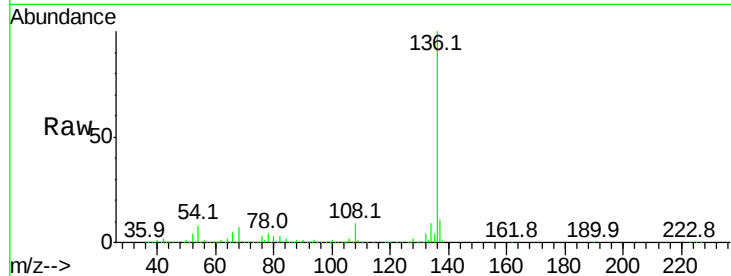
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	136	Resp	1047100
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.1	4.5	6.7#
68	6.8	3.6	5.4#

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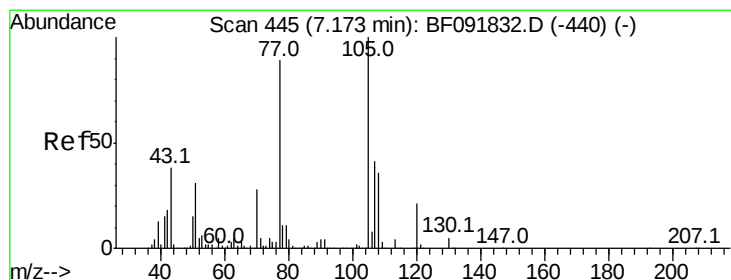
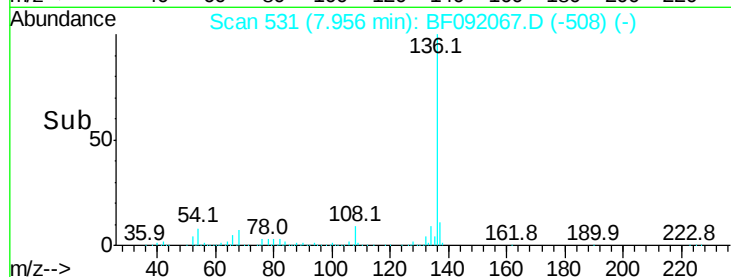
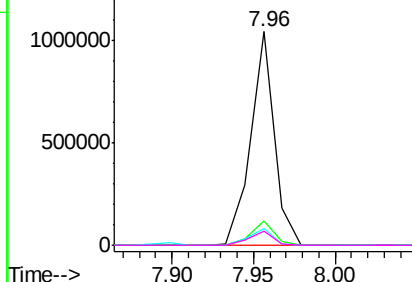
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 45.34 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	105	Resp	1171046
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.2	4.8
51	26.0	26.2	39.4#
120	21.2	16.6	24.8

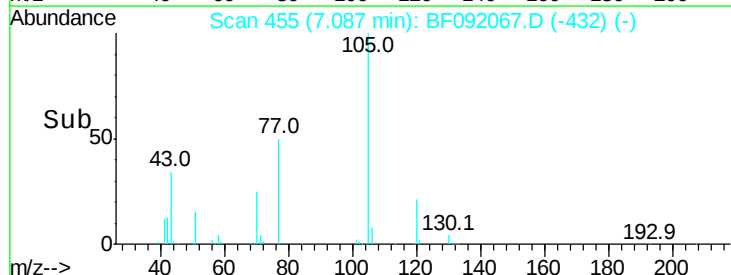
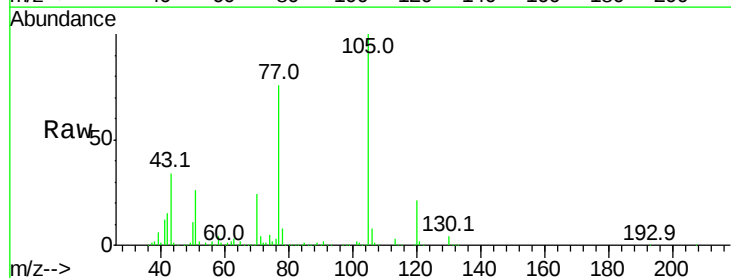
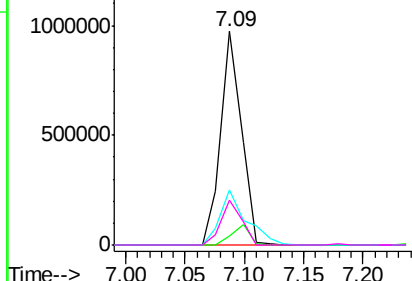
Abundance

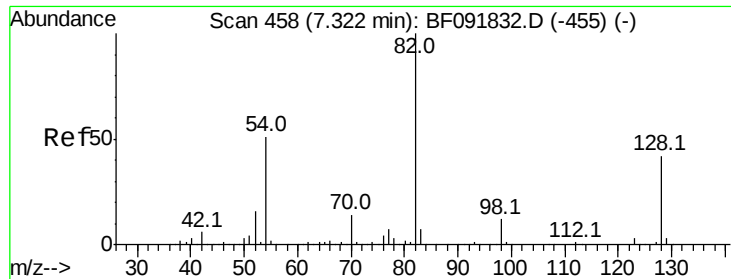
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 94.81 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion: 82 Resp: 1785364

Ion Ratio Lower Upper

82 100

128 46.7 34.6 52.0

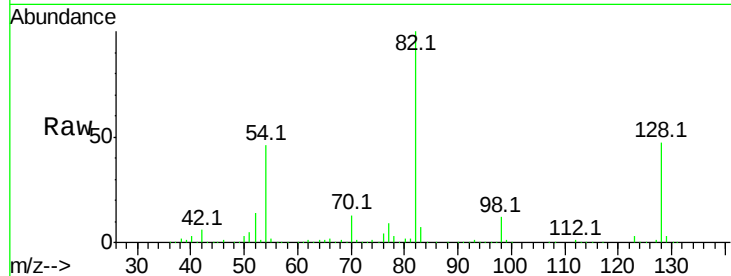
54 46.2 39.5 59.3

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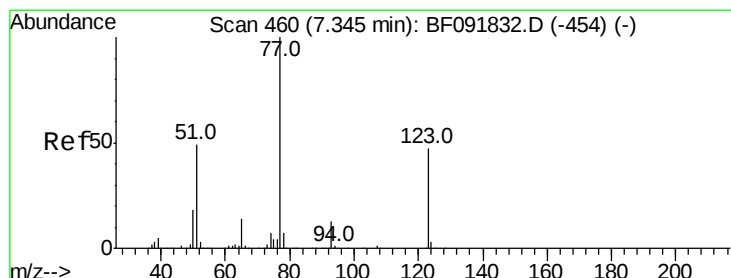
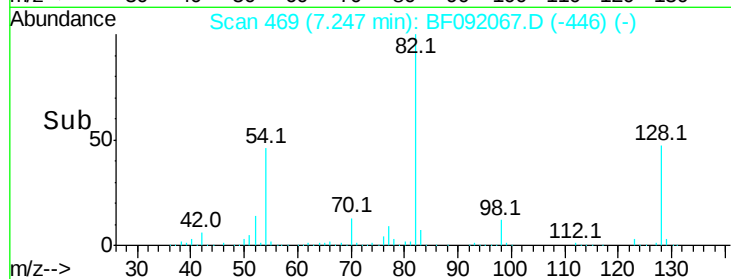
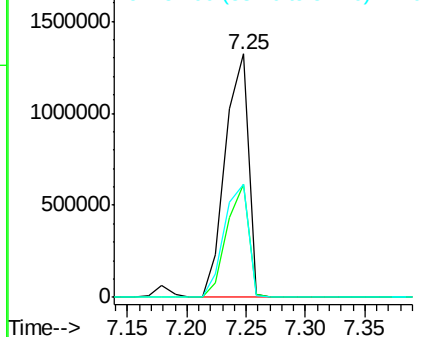
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.29 ng

RT: 7.26 min Scan# 470

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

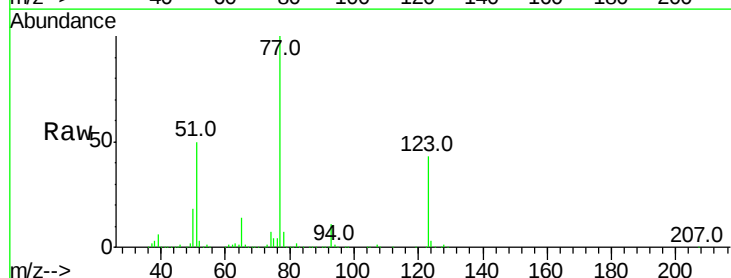
Tgt Ion: 77 Resp: 828177

Ion Ratio Lower Upper

77 100

123 42.8 33.0 49.4

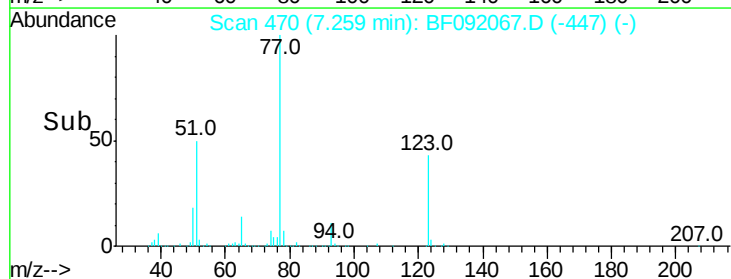
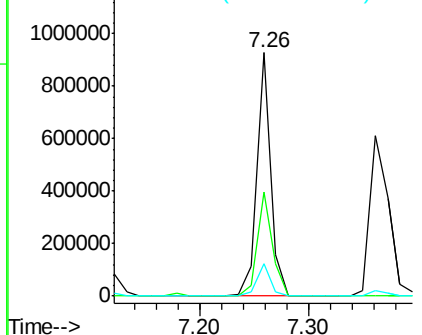
65 13.5 11.2 16.8

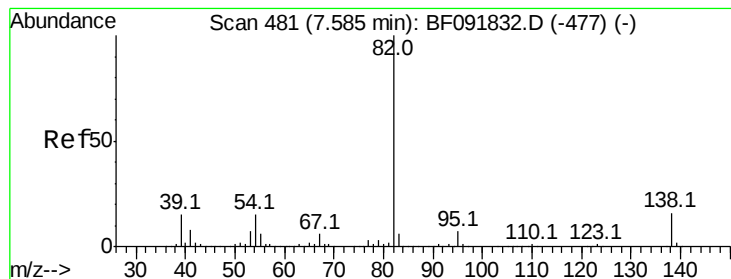


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.16 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion: 82 Resp: 1673315

Ion Ratio Lower Upper

82 100

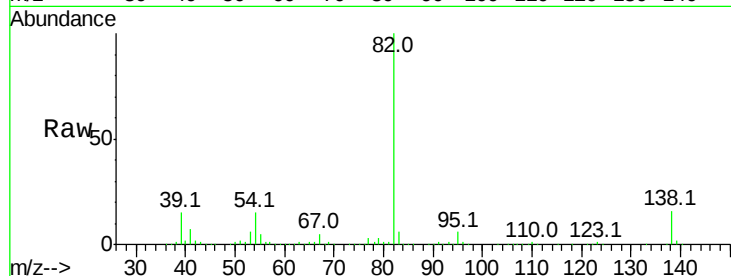
95 6.2 5.6 8.4

138 15.6 14.6 22.0

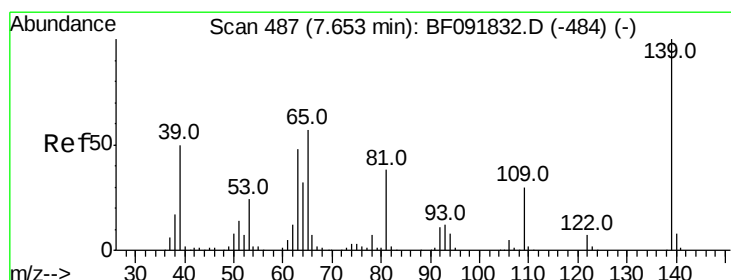
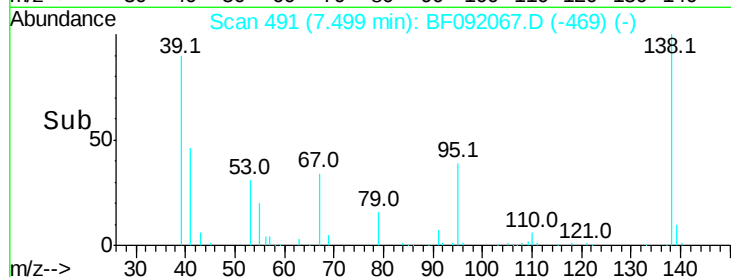
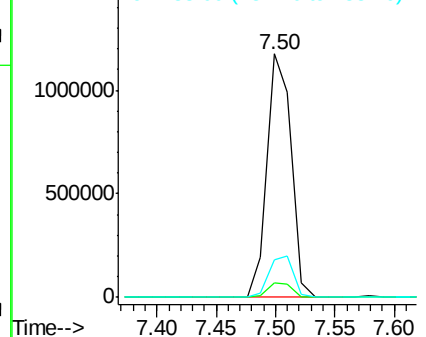
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.33 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

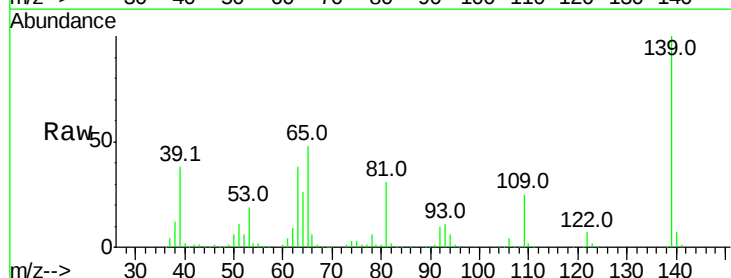
Tgt Ion: 139 Resp: 458261

Ion Ratio Lower Upper

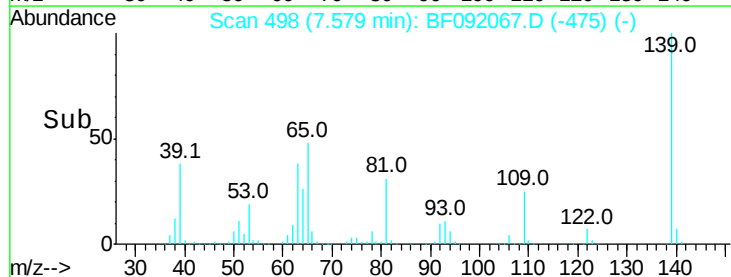
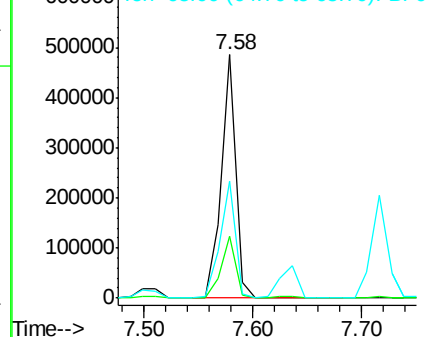
139 100

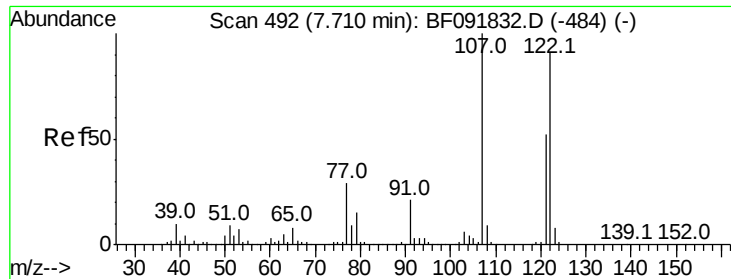
109 25.2 23.3 34.9

65 48.2 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





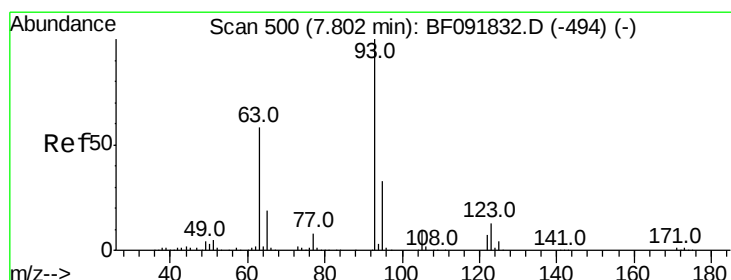
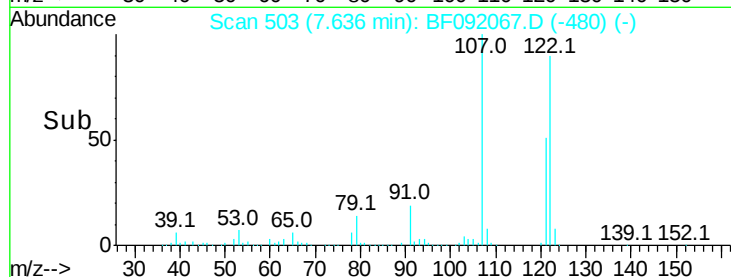
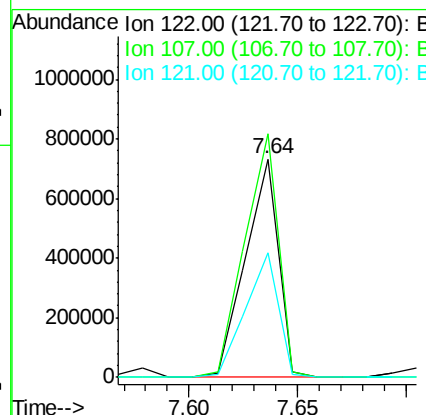
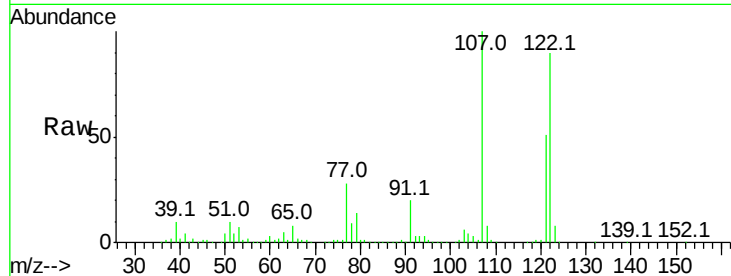
#27
2,4-Dimethylphenol
Concen: 47.37 ng
RT: 7.64 min Scan# 503
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	94.1	141.1
121	56.9	46.0	69.0

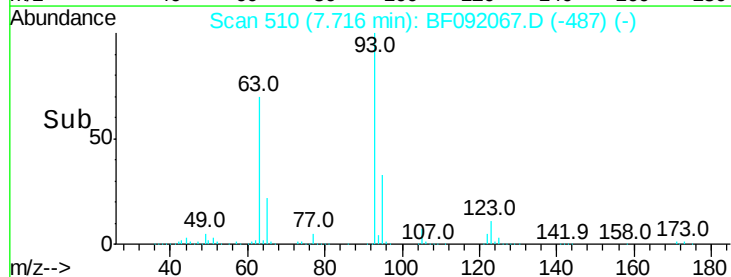
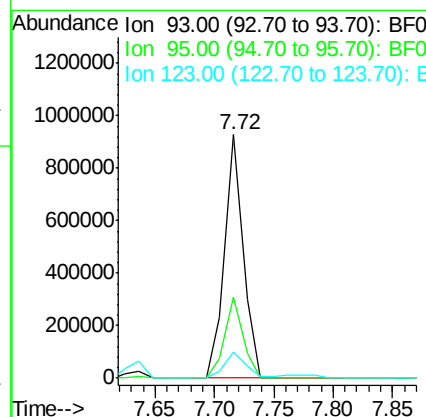
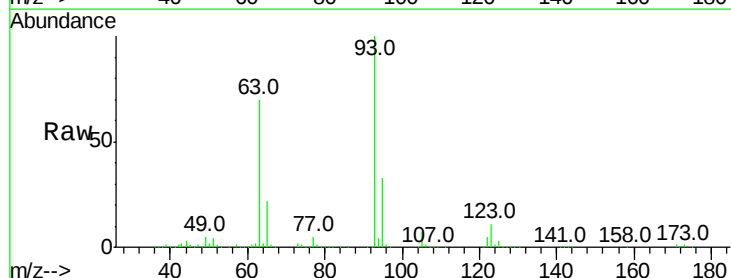
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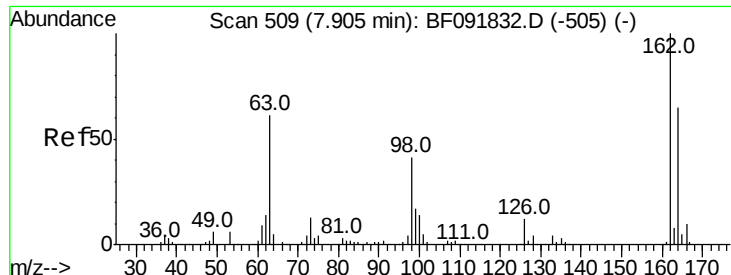
Sohil
1/4/2017 2:05:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.75 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	10.6	8.6	13.0





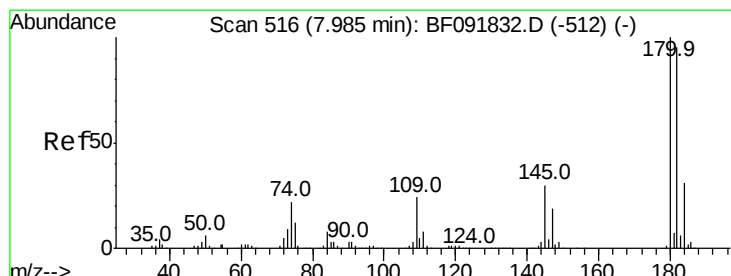
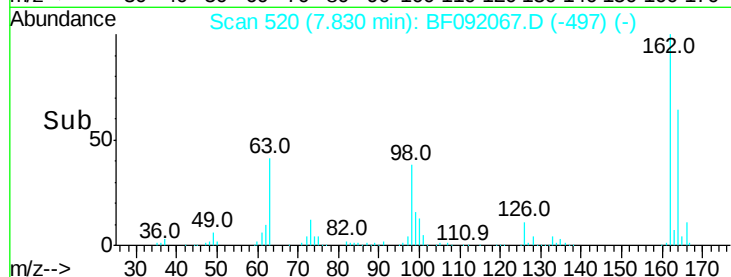
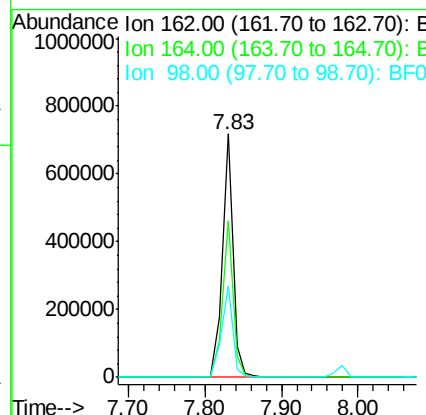
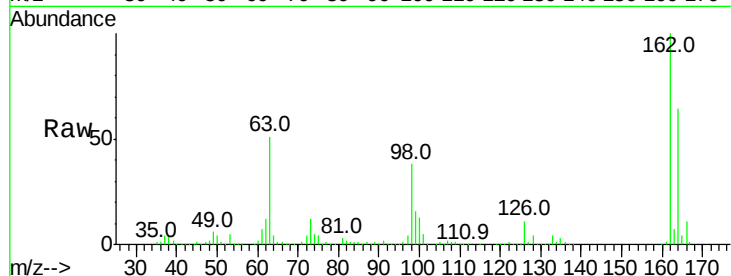
#29
 2,4-Dichlorophenol
 Concen: 49.72 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	46.8	86.8
98	37.7	9.1	49.1

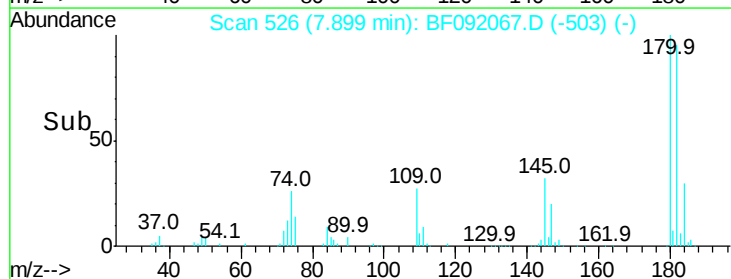
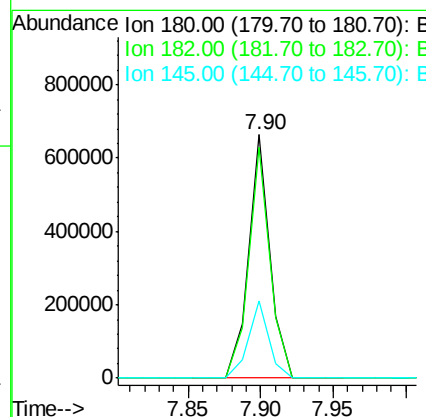
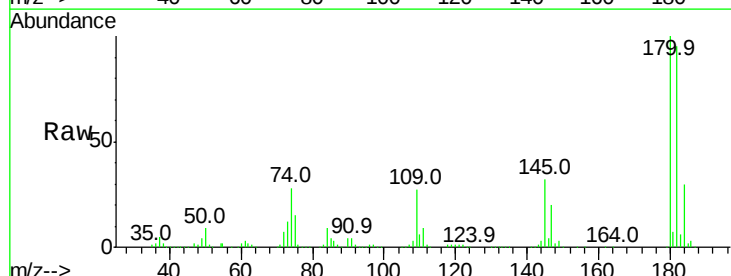
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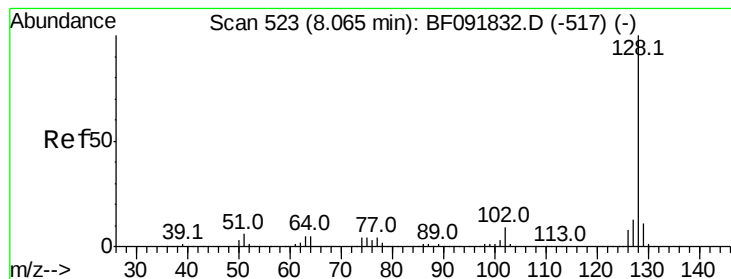
Sohil
 1/4/2017 2:05:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.32 ng
 RT: 7.90 min Scan# 526
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	78.2	117.4
145	31.8	21.6	32.4





#31

Naphthalene

Concen: 47.44 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:128 Resp: 2273365

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

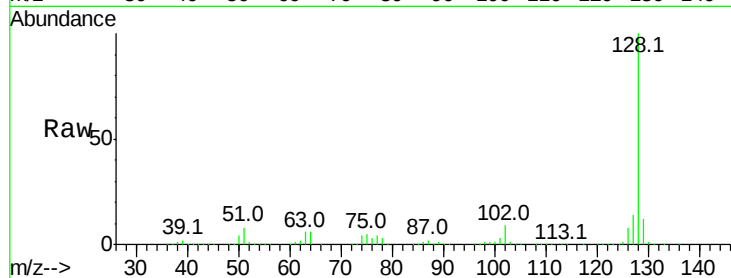
127 13.7 10.8 16.2

Manual Integrations

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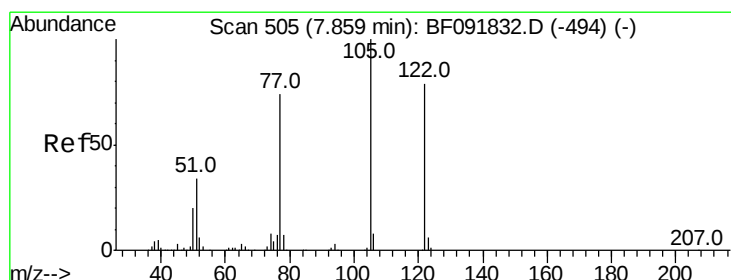
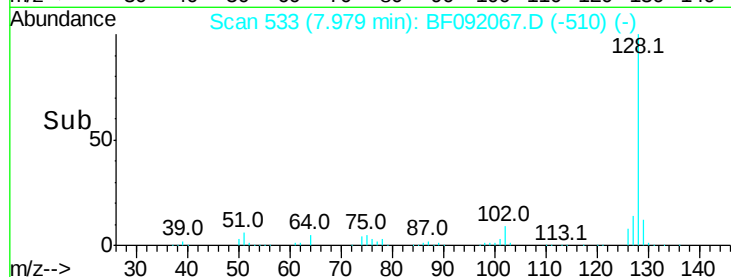
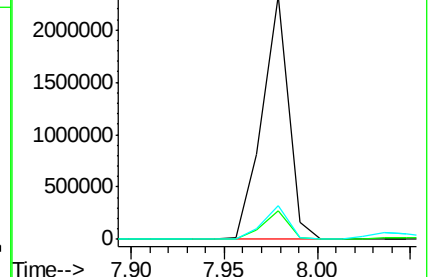
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.24 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

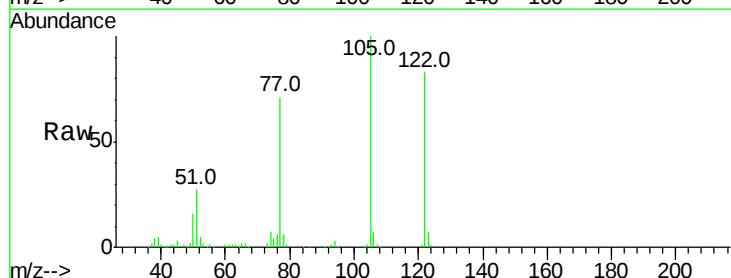
Tgt Ion:122 Resp: 562620

Ion Ratio Lower Upper

122 100

105 120.4 107.2 147.2

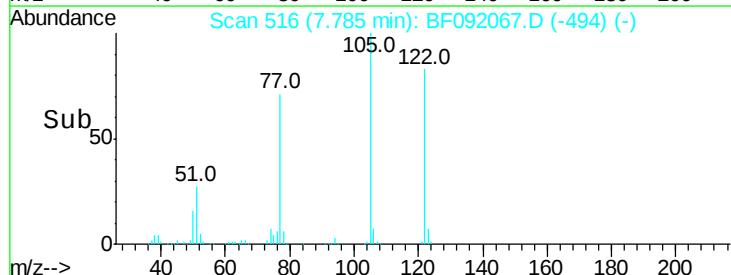
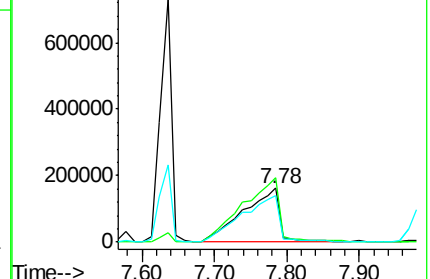
77 85.8 74.5 114.5

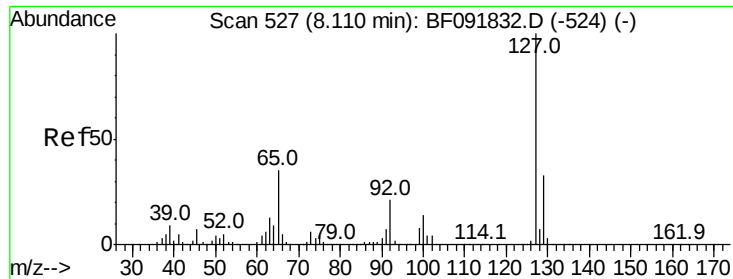


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





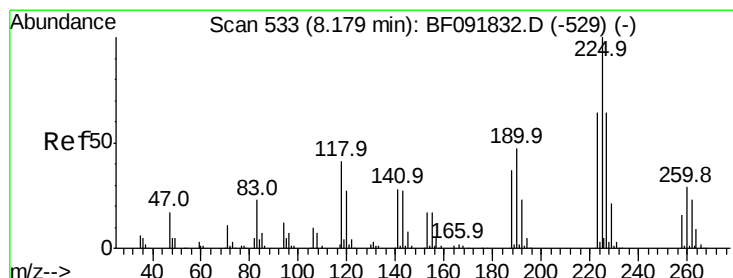
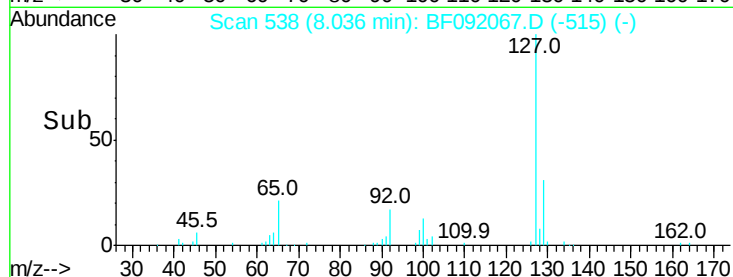
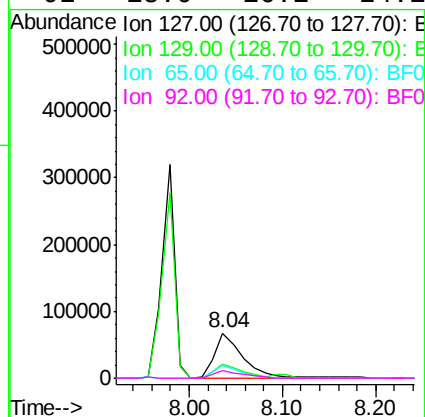
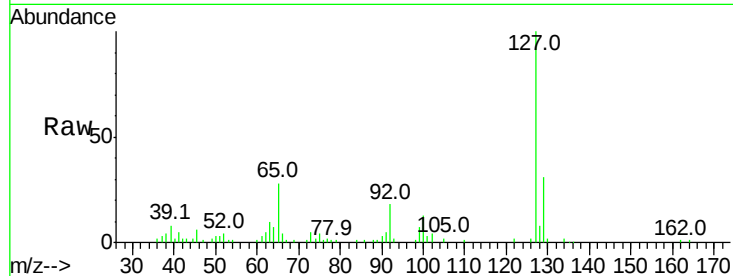
#33
4-Chloroaniline
Concen: 6.52 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion:	127	Resp:	140963
Ion Ratio	Lower	Upper	
127	100		
129	31.2	26.3	39.5
65	28.3	25.8	38.8
92	18.0	16.1	24.1

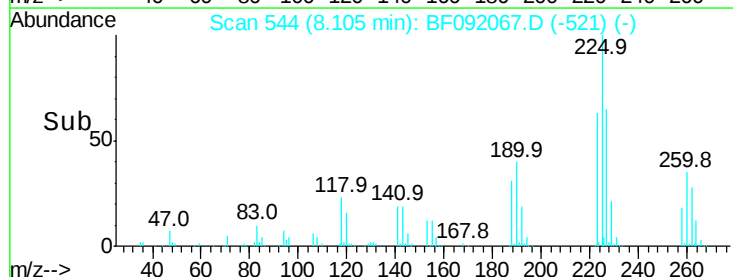
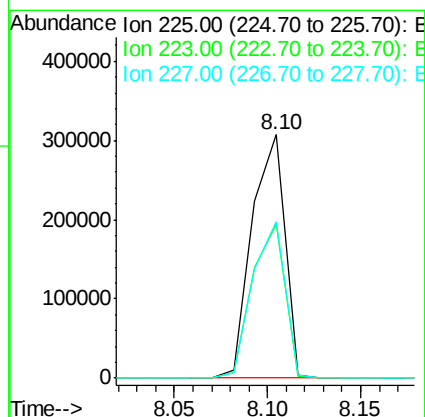
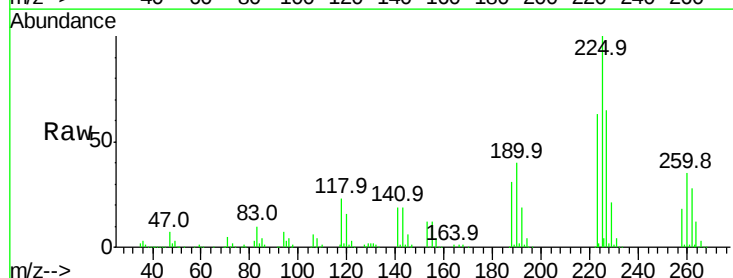
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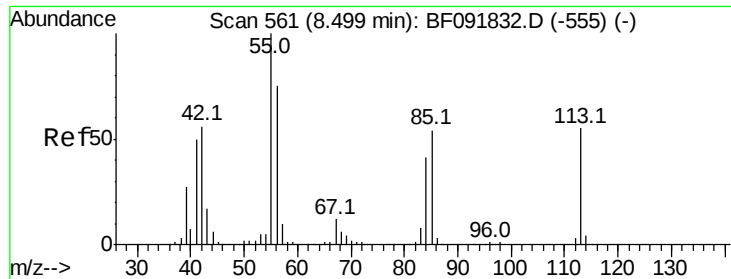
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#34
Hexachlorobutadiene
Concen: 46.42 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion:	225	Resp:	372950
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.0	76.6
227	64.5	50.6	76.0





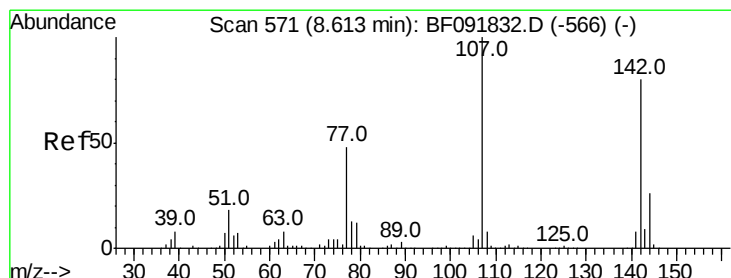
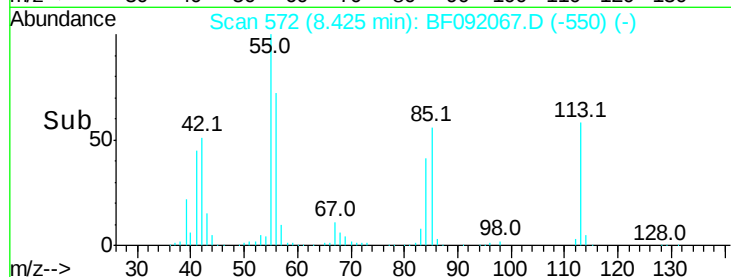
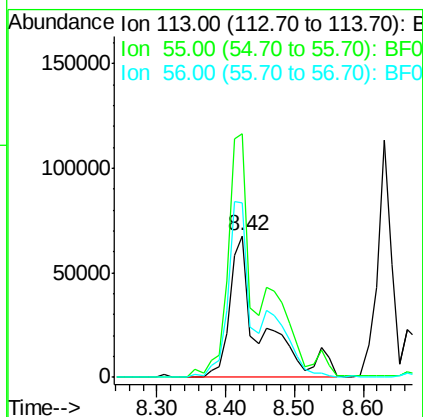
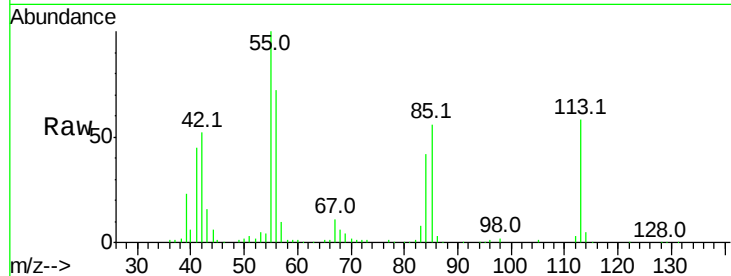
#35
 Caprolactam
 Concen: 47.09 ng/ml
 RT: 8.42 min Scan# 572
 Delta R.T. -0.05 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.7	119.2	159.2#
56	123.1	83.8	123.8

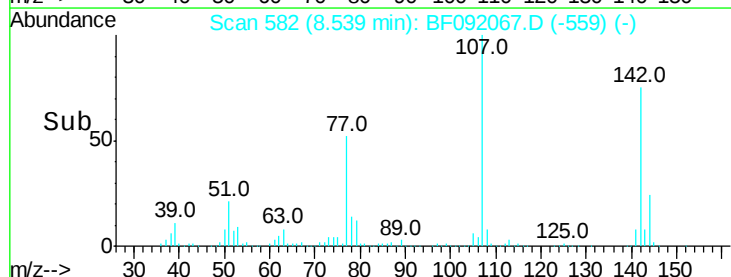
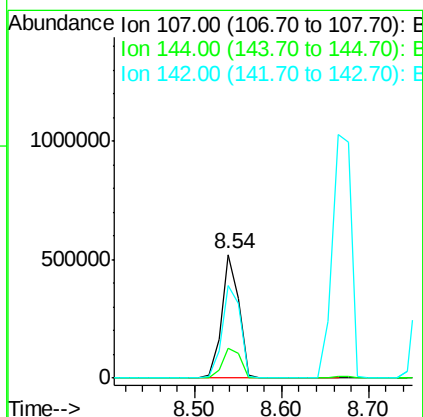
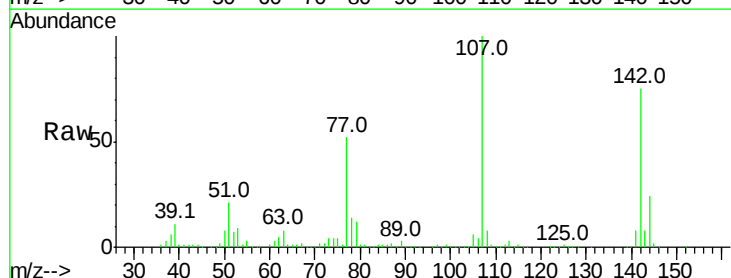
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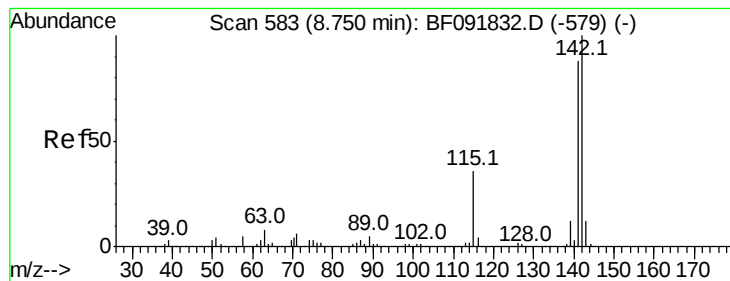
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#36
 4-Chloro-3-methylphenol
 Concen: 44.98 ng/ml
 RT: 8.54 min Scan# 582
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.3	28.9
142	75.0	59.0	88.6





#37

2-Methylnaphthalene

Concen: 61.87 ng

RT: 8.66 min Scan# 593

Delta R.T. -0.05 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:142 Resp: 1555507

Ion Ratio Lower Upper

142 100

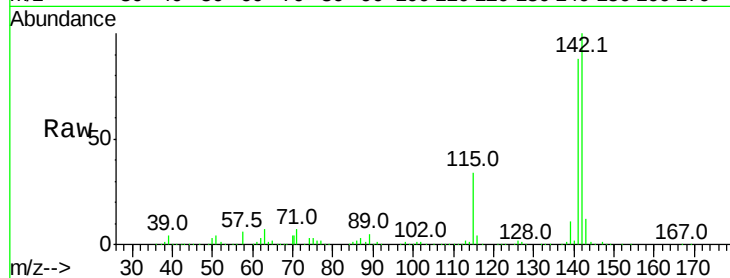
141 88.2 71.0 106.6

115 34.3 28.3 42.5

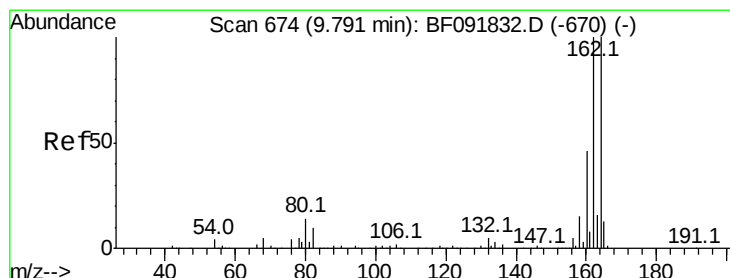
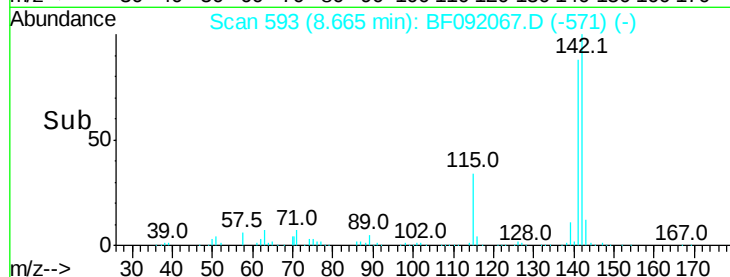
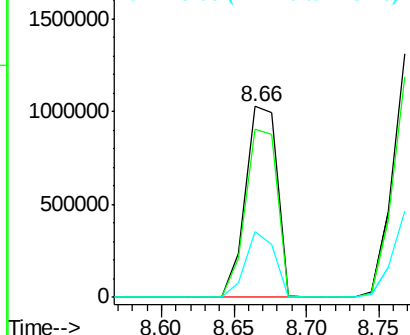
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

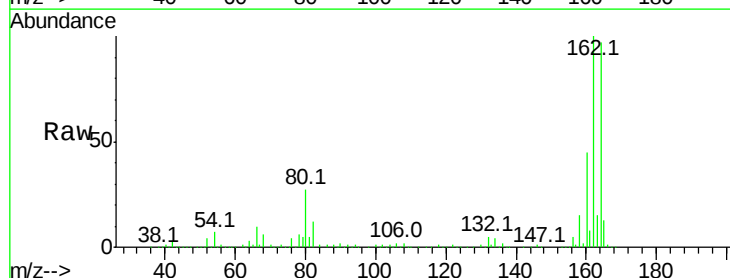
Tgt Ion:164 Resp: 536100

Ion Ratio Lower Upper

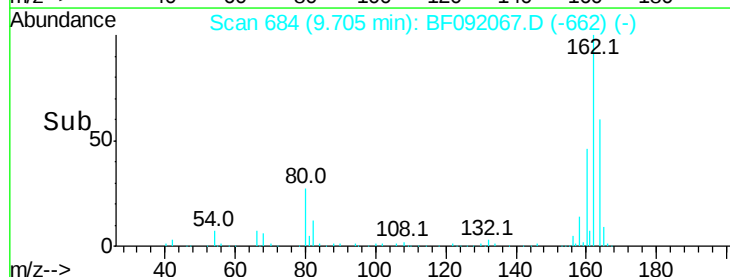
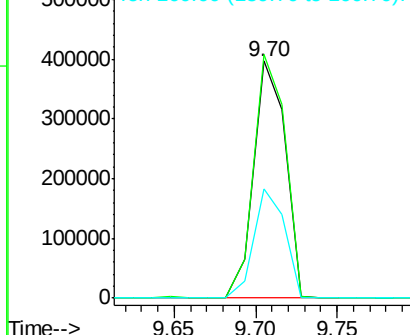
164 100

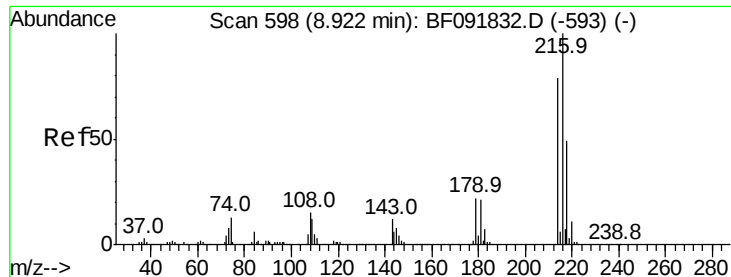
162 102.9 80.2 120.2

160 45.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





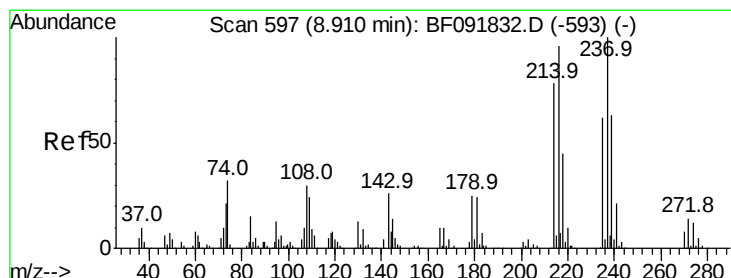
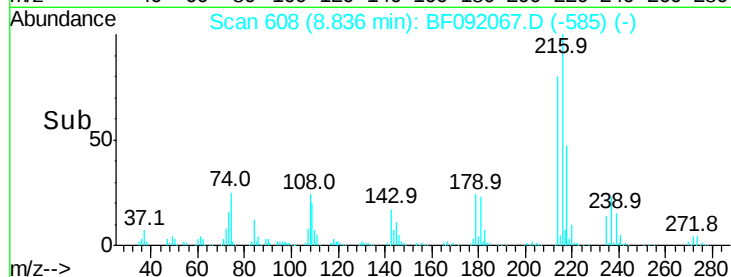
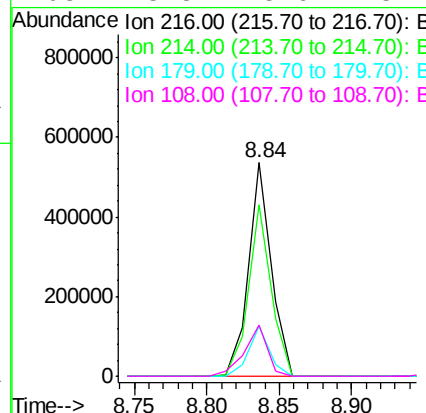
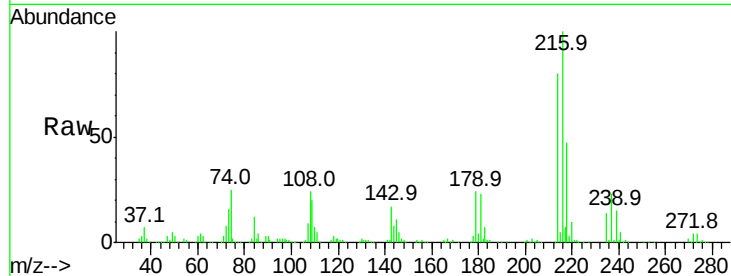
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.23 ng
 RT: 8.84 min Scan# 608
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	585592		
214	79.8	63.4	95.0	
179	21.9	17.4	26.2	
108	23.8	15.6	23.4	

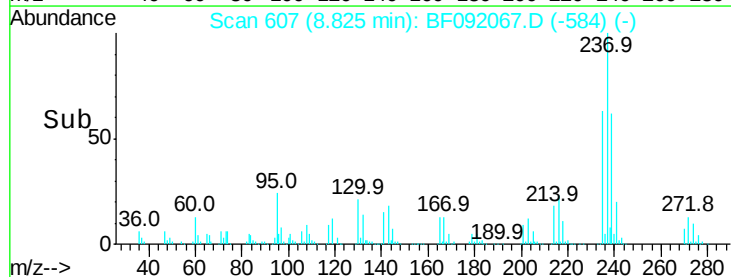
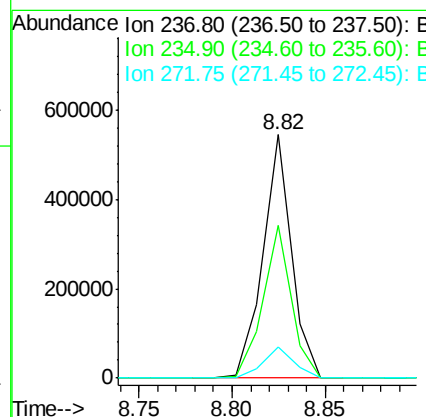
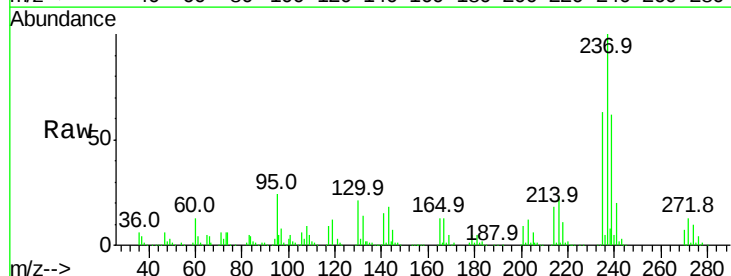
Manual Integrations
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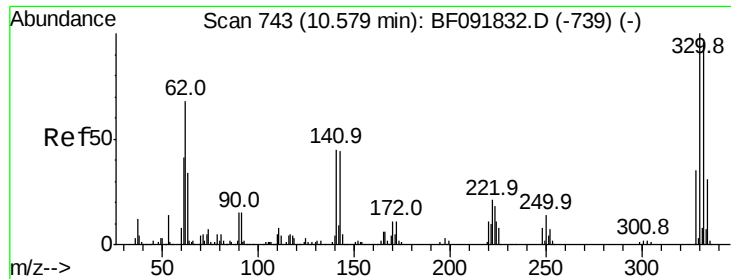
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 94.36 ng
 RT: 8.82 min Scan# 607
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	573704		
235	62.9	41.2	81.2	
272	12.6	0.0	35.4	





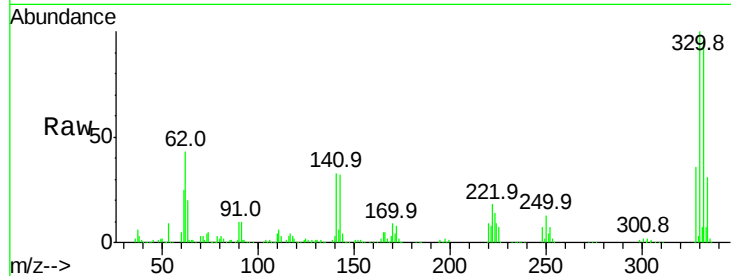
#41
 2,4,6-Tribromophenol
 Concen: 126.07 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

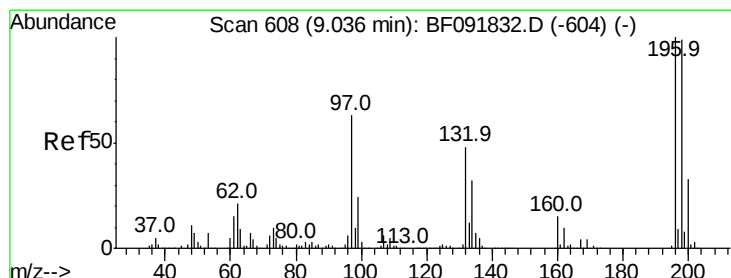
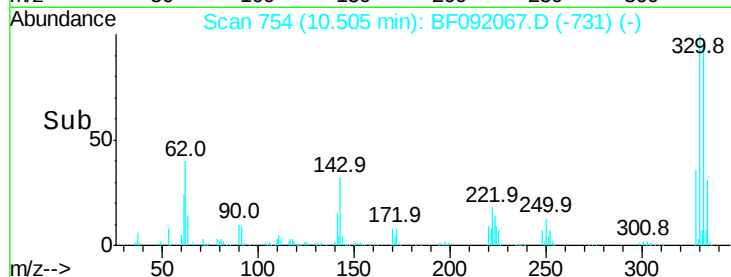
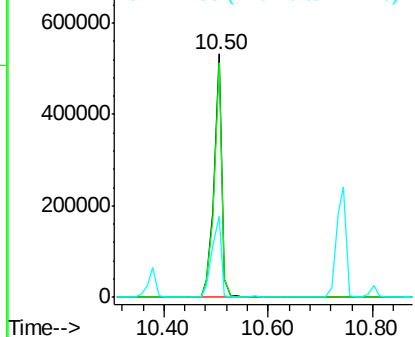
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	39.4	34.1	51.1

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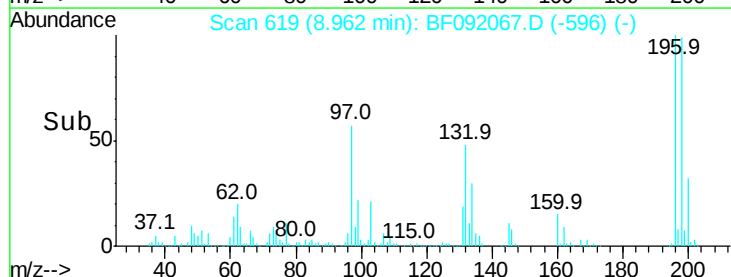
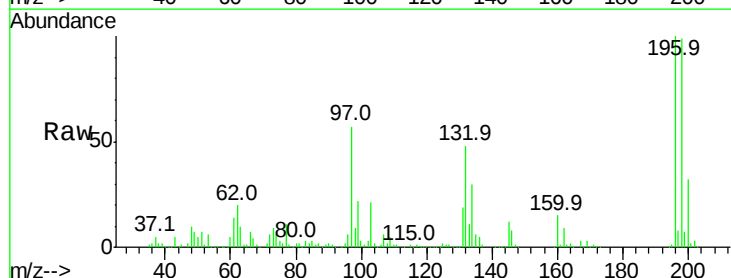
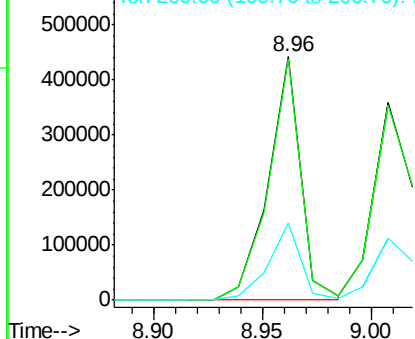
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

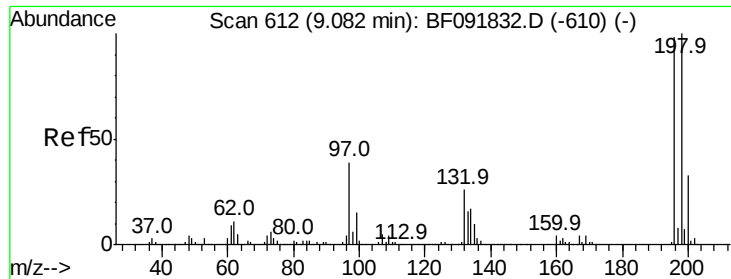


#42
 2,4,6-Trichlorophenol
 Concen: 48.53 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	82.1	123.1
200	31.8	27.0	40.4

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





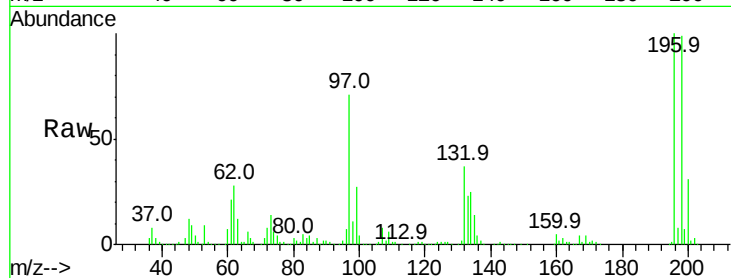
#43
 2,4,5-Trichlorophenol
 Concen: 45.63 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

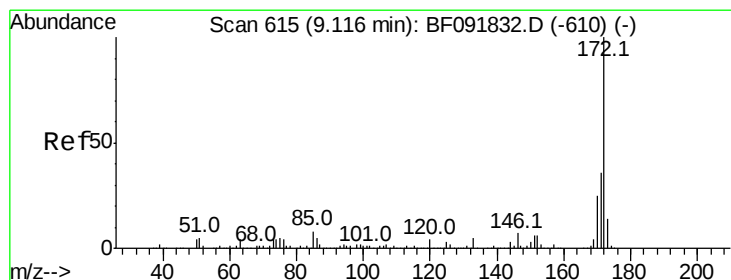
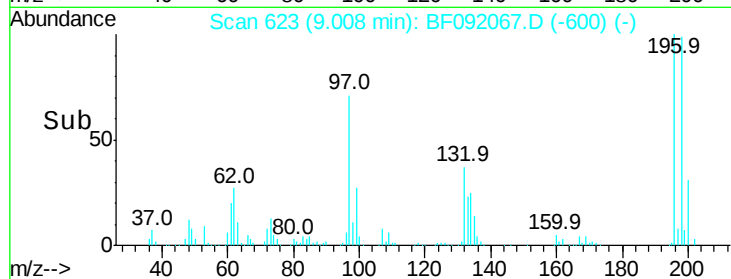
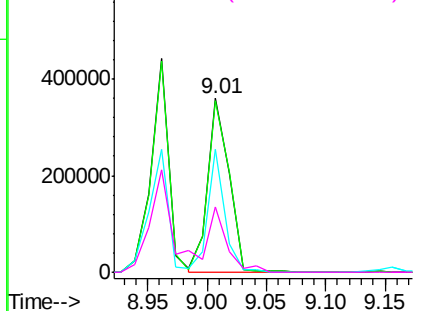
Tot Ion:	196	Resp:	444861
Ion Ratio	Lower	Upper	
196	100		
198	98.6	79.4	119.2
97	70.8	51.5	77.3
132	37.3	27.4	41.2

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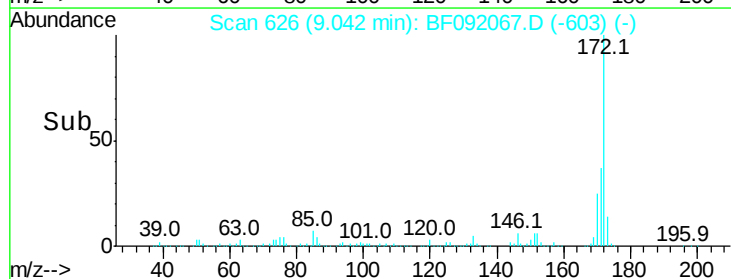
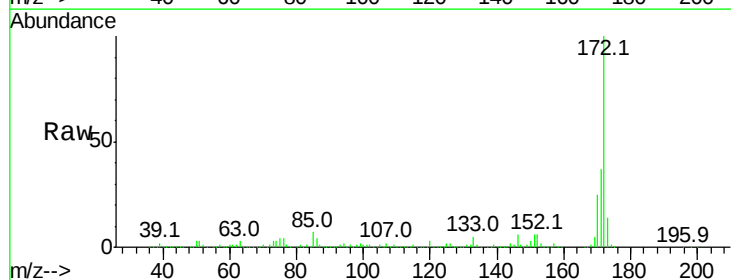
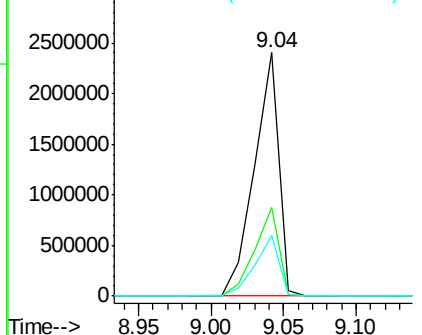
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

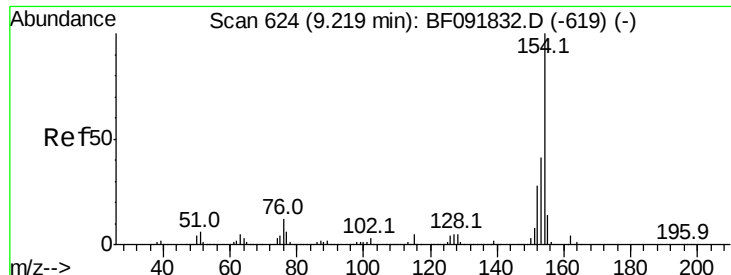


#44
 2-Fluorobiphenyl
 Concen: 111.35 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion:	172	Resp:	2808724
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	25.1	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





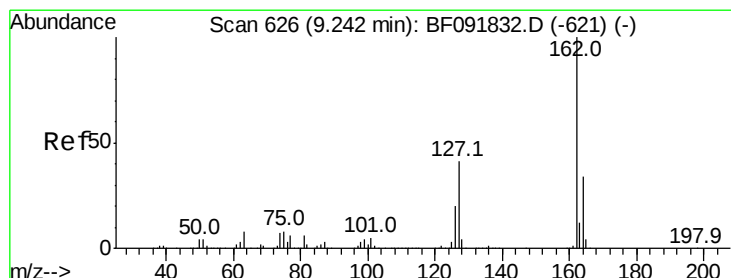
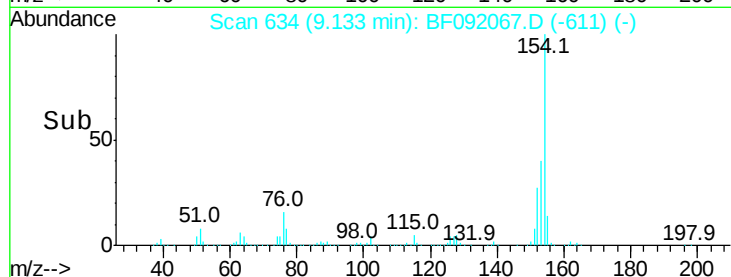
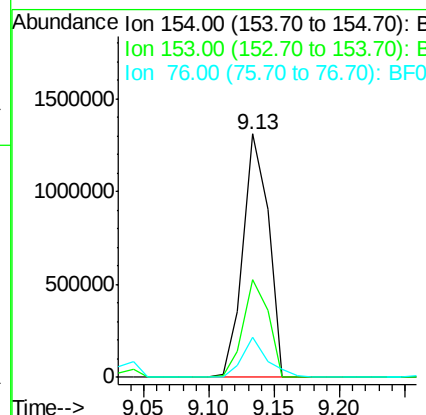
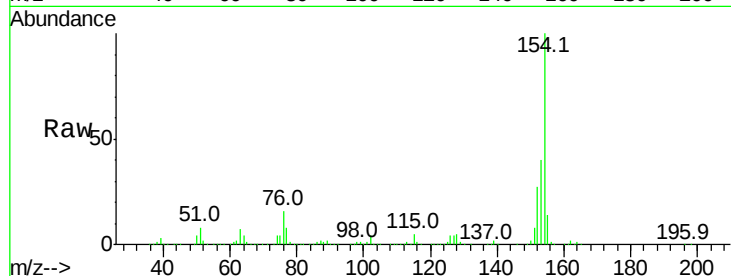
#45
 1,1'-Biphenyl
 Concen: 48.25 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	16.5	0.0	30.5

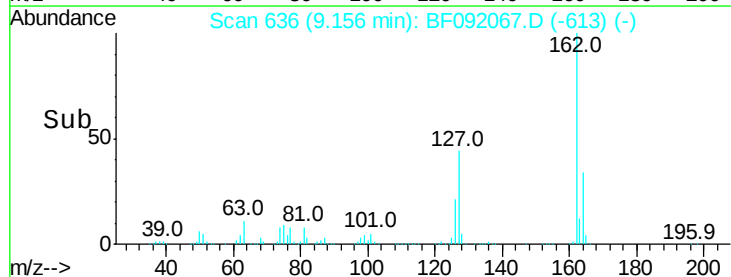
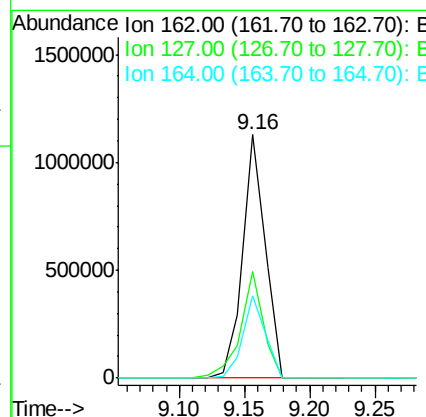
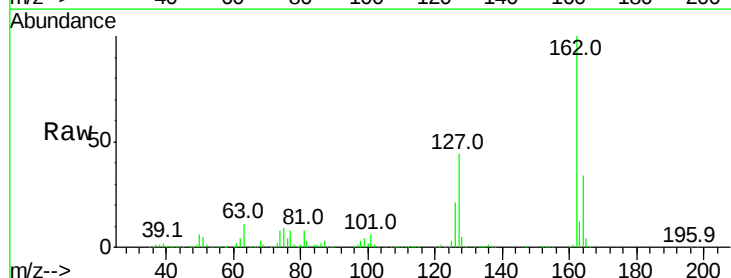
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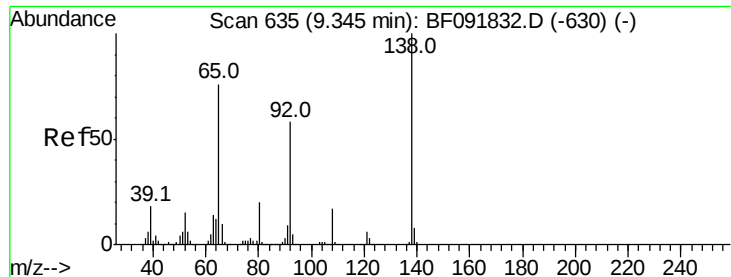
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#46
 2-Chloronaphthalene
 Concen: 46.26 ng
 RT: 9.16 min Scan# 636
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.7	30.7	46.1
164	33.9	27.6	41.4





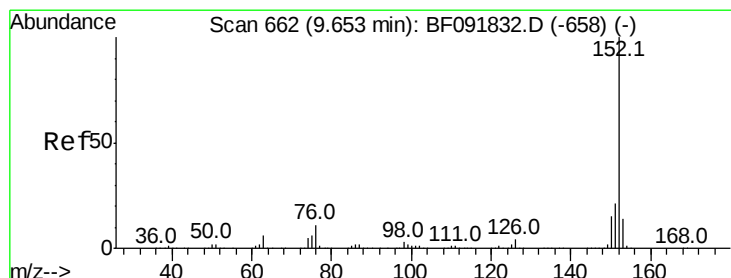
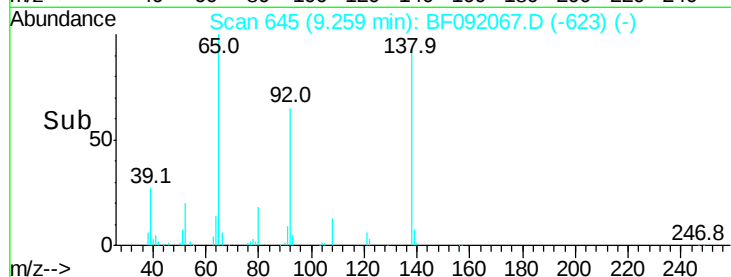
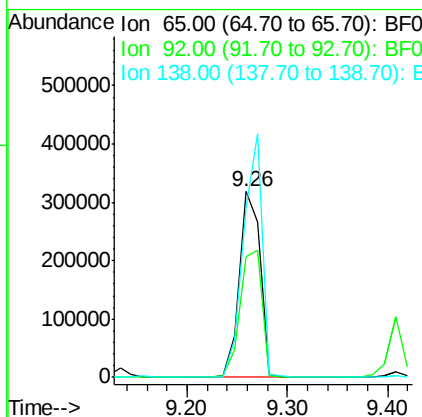
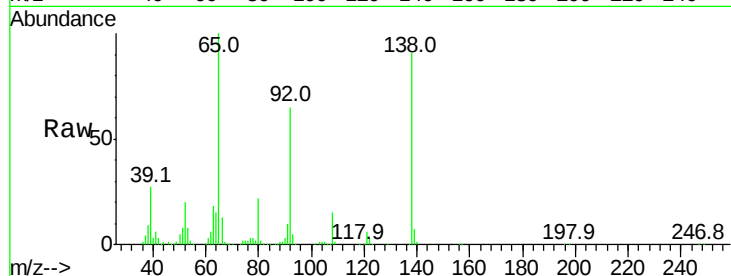
#47
2-Nitroaniline
Concen: 44.38 ng
RT: 9.26 min Scan# 645
Delta R.T. -0.05 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	91.3	76.8	115.2

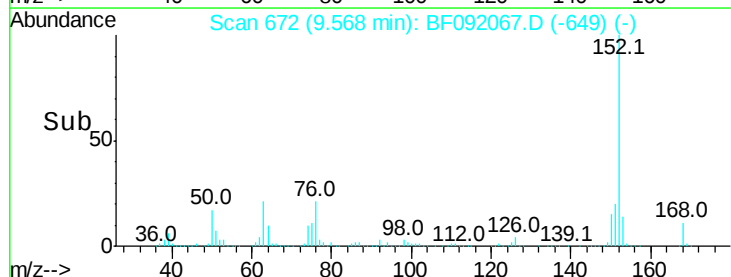
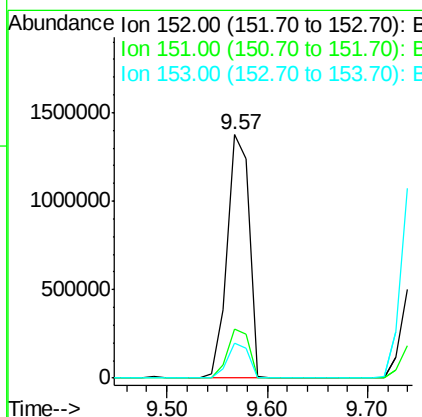
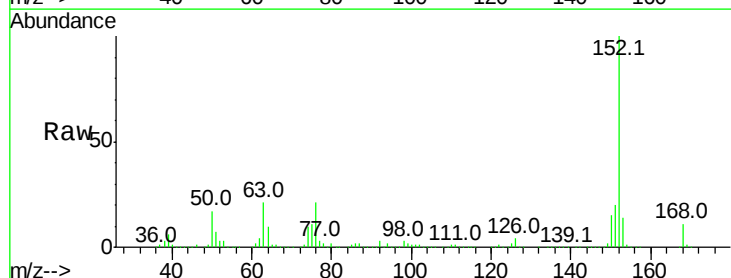
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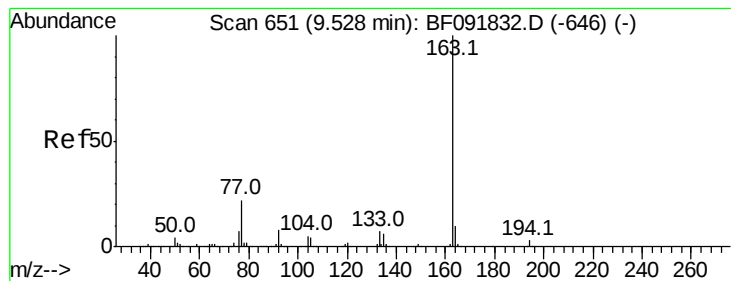
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#48
Acenaphthylene
Concen: 46.58 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	14.3	11.4	17.2





#49

Dimethylphthalate

Concen: 50.60 ng

RT: 9.45 min Scan# 662

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:163 Resp: 1735106

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

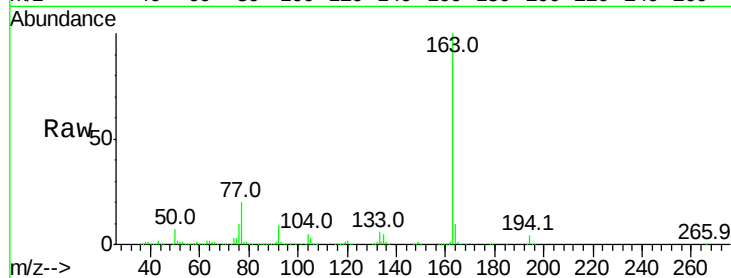
164 10.4 8.0 12.0

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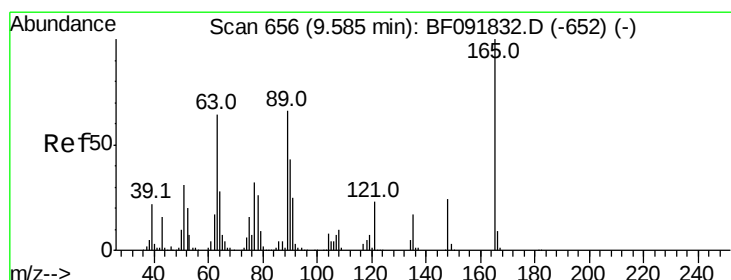
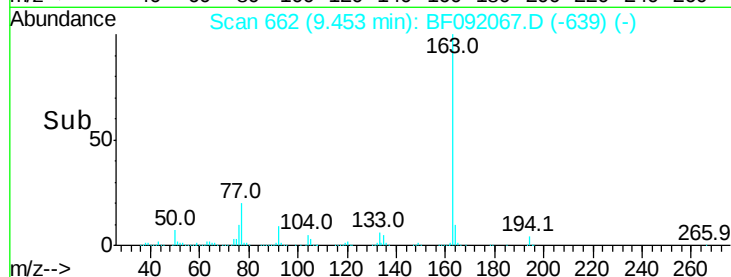
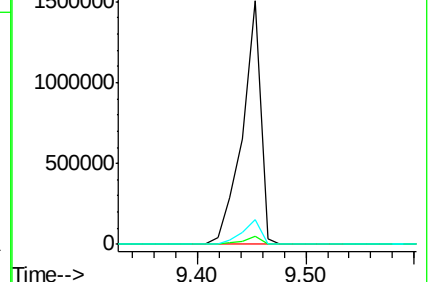
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.83 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

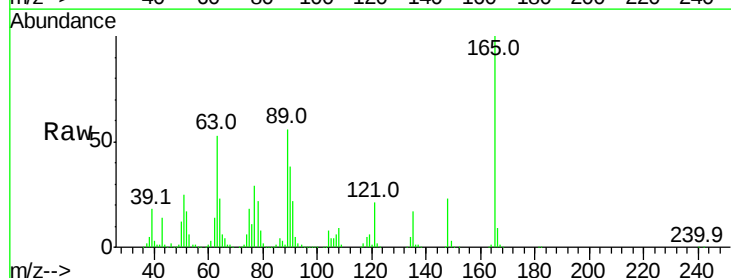
Tgt Ion:165 Resp: 388962

Ion Ratio Lower Upper

165 100

63 52.8 36.2 54.4

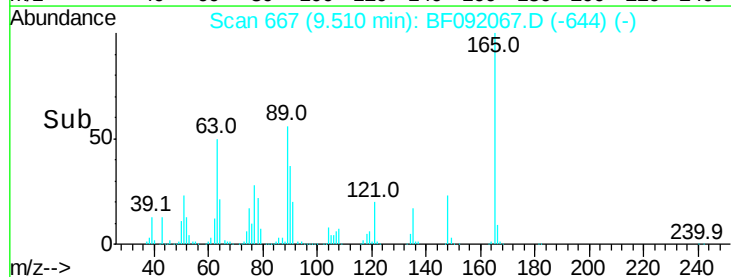
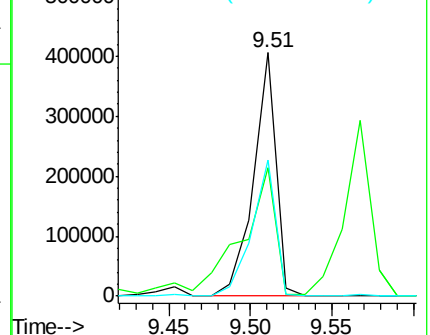
89 56.1 40.2 60.4

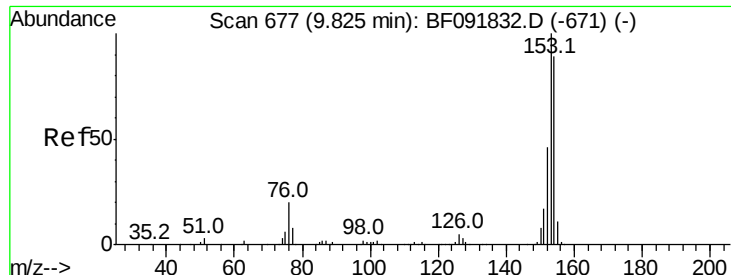


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.05 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:154 Resp: 1335043

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

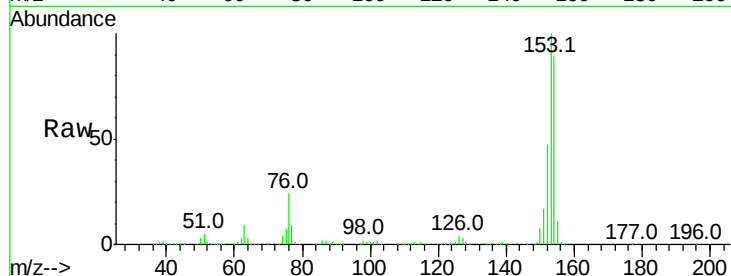
152 52.3 41.6 62.4

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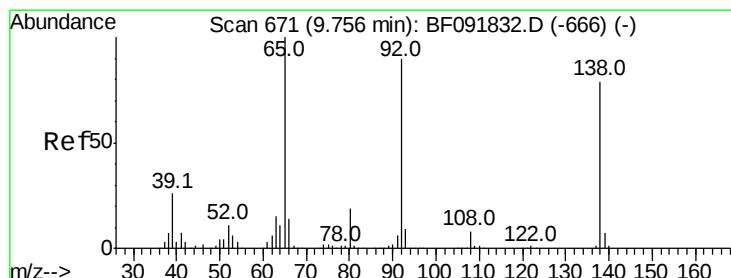
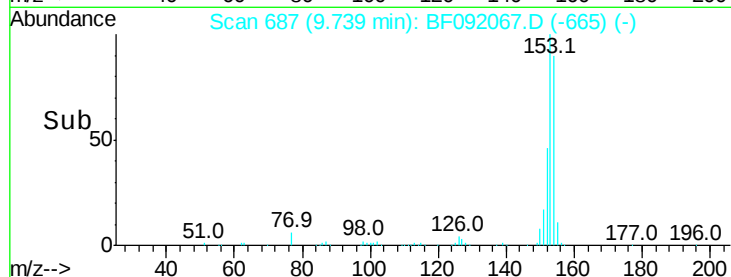
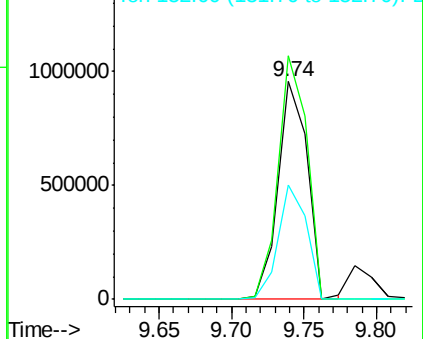
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.10 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

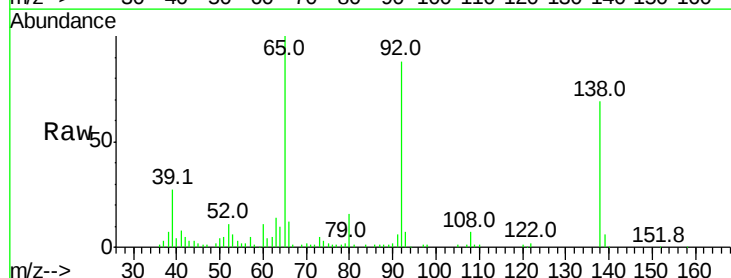
Tgt Ion:138 Resp: 75255

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

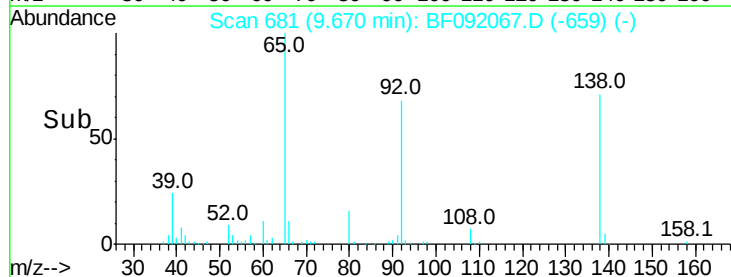
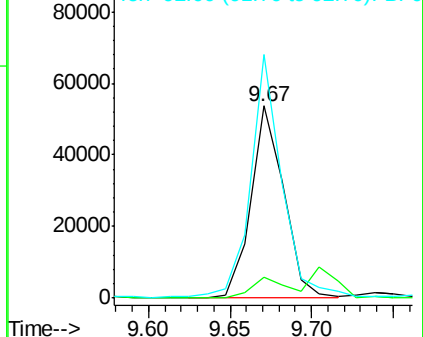
92 126.8 97.8 146.8

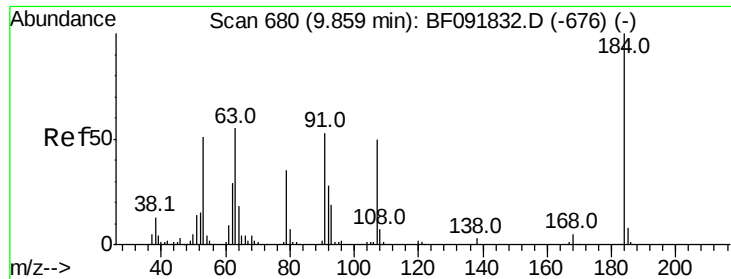


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 92.06 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:184 Resp: 384433

Ion Ratio Lower Upper

184 100

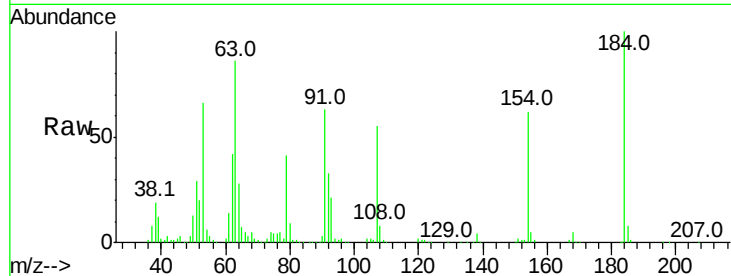
63 85.8 28.4 42.6#

154 61.6 44.3 66.5

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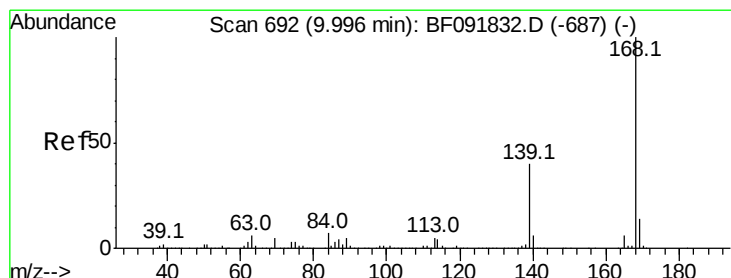
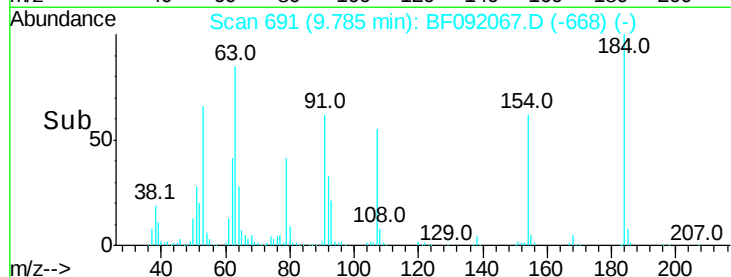
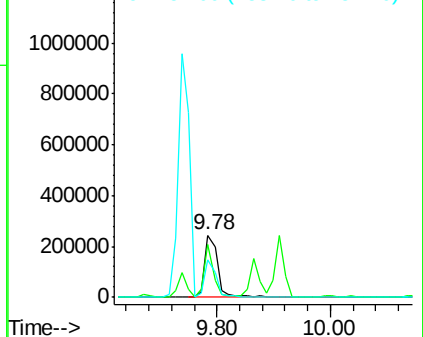
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.40 ng

RT: 9.92 min Scan# 703

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

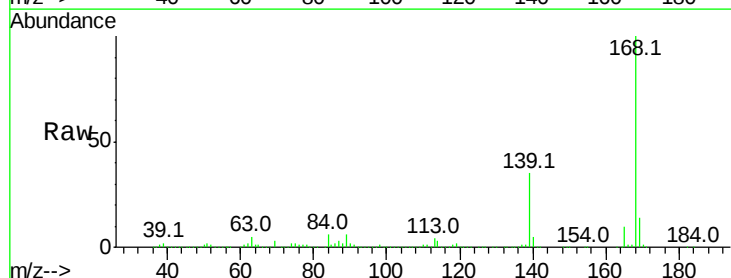
Tgt Ion:168 Resp: 1899317

Ion Ratio Lower Upper

168 100

139 35.0 32.6 49.0

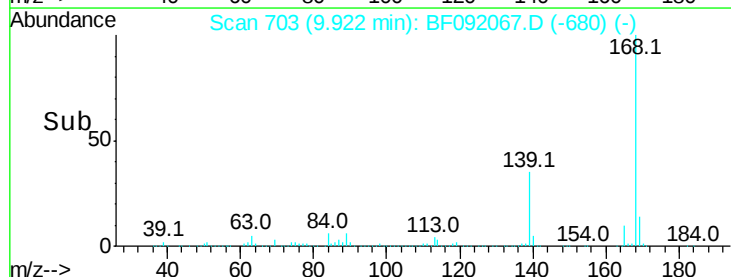
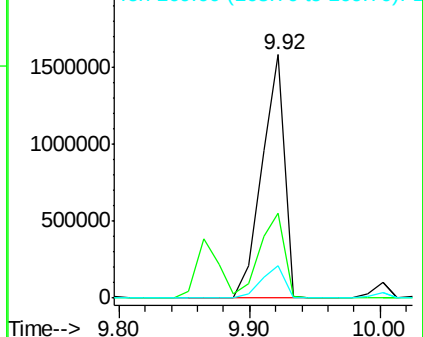
169 13.5 11.3 16.9

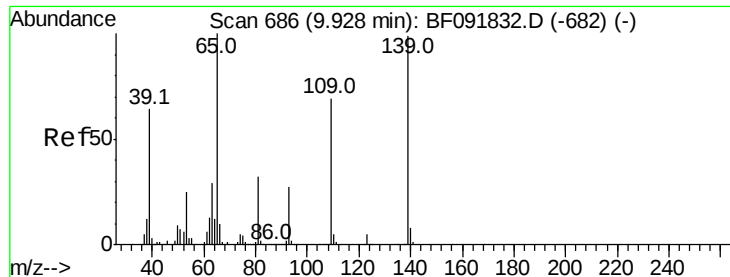


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





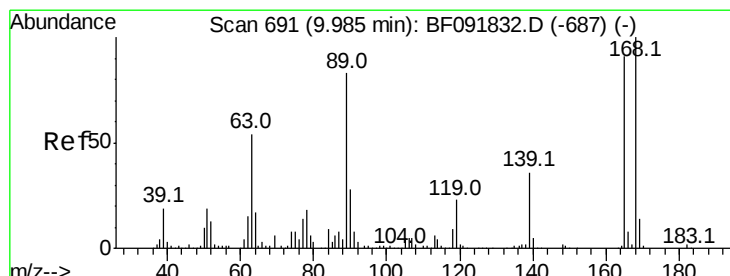
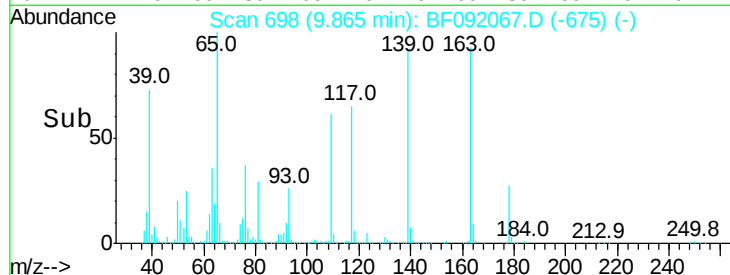
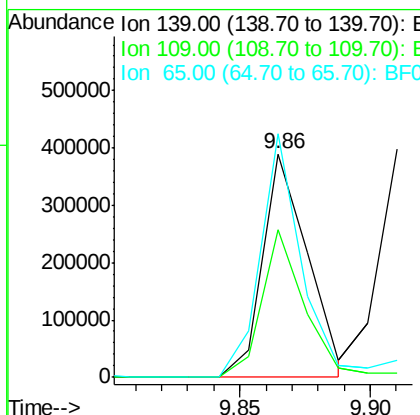
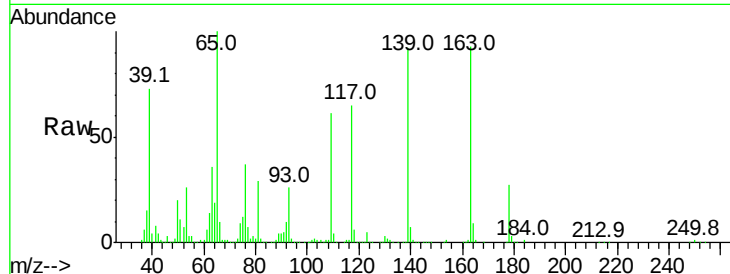
#55
4-Nitrophenol
Concen: 74.27 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.1	52.2	92.2
65	109.1	85.8	125.8

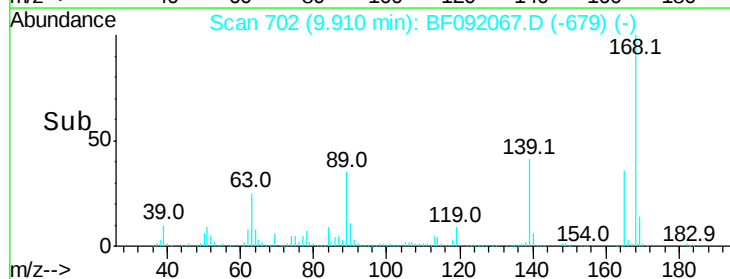
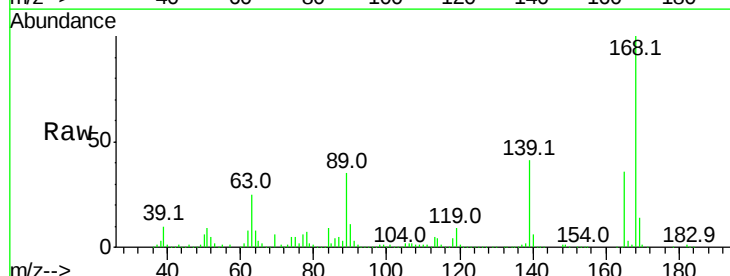
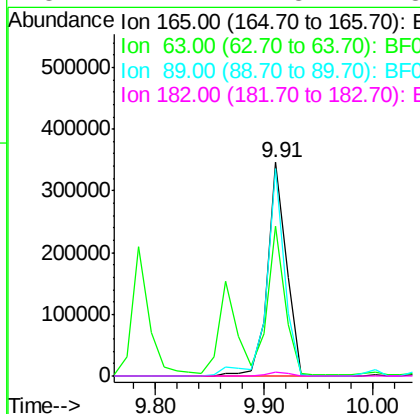
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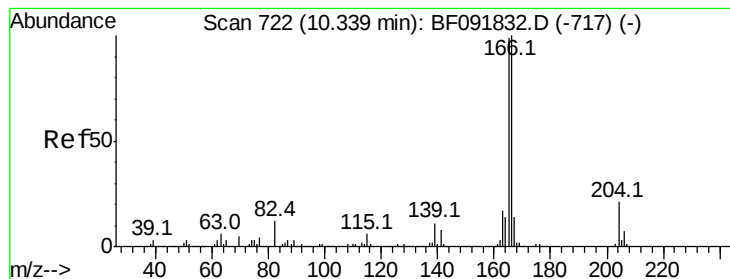
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#56
2,4-Dinitrotoluene
Concen: 44.52 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.4	40.2	60.4#
89	97.4	62.5	93.7#
182	2.1	1.8	2.8





#57

Fluorene

Concen: 47.12 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:166 Resp: 1403234

Ion Ratio Lower Upper

166 100

165 96.3 77.8 116.8

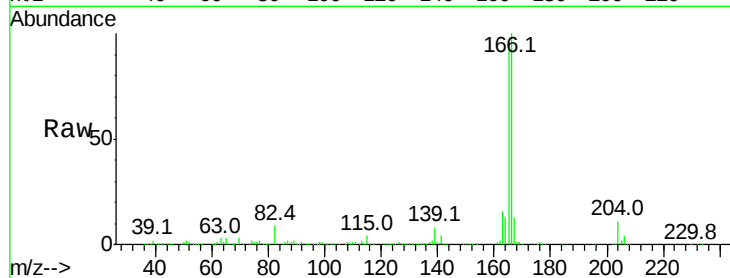
167 13.0 10.8 16.2

Manual Integrations

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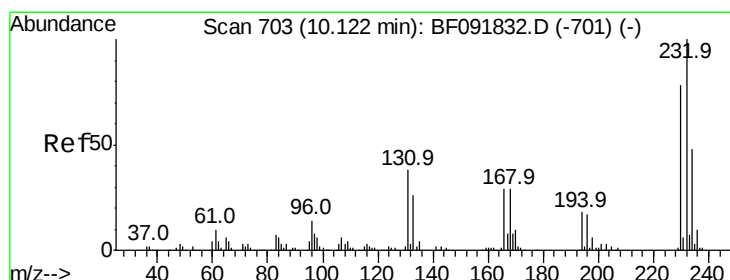
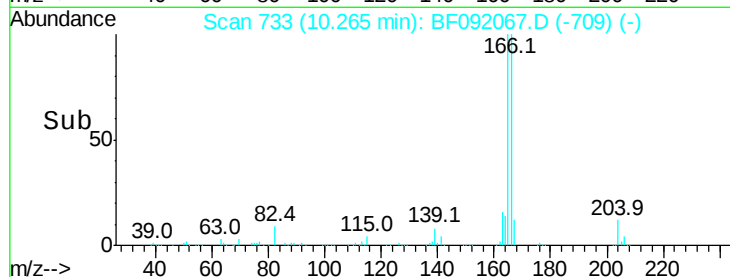
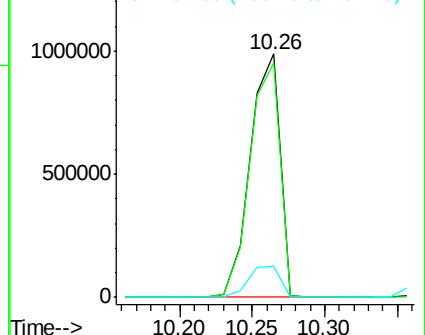
1/4/2017 2:05:46 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.28 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion:232 Resp: 387648

Ion Ratio Lower Upper

232 100

131 48.7 40.1 60.1

130 2.2 1.8 2.8

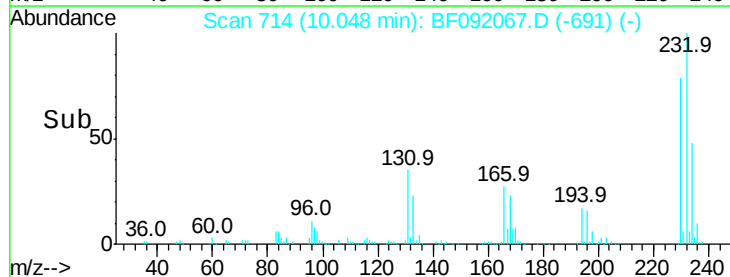
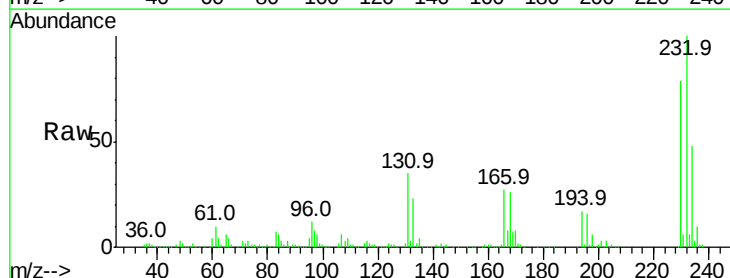
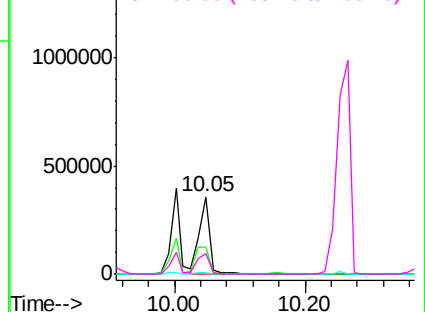
166 32.0 26.6 39.8

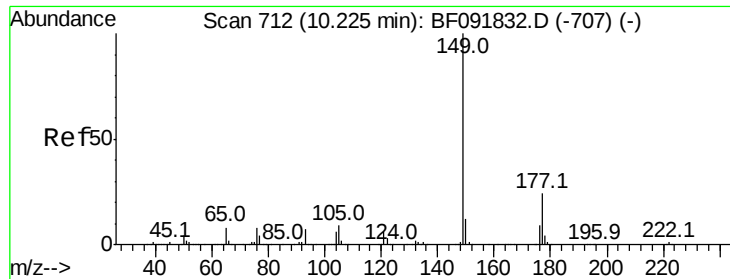
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





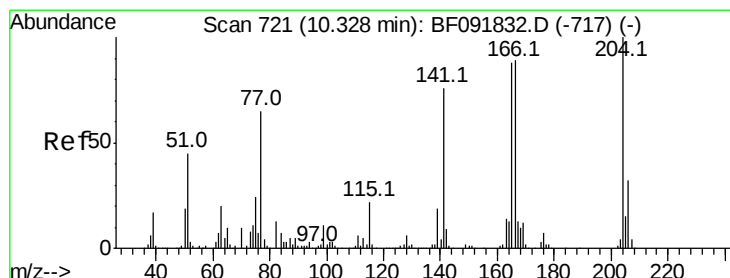
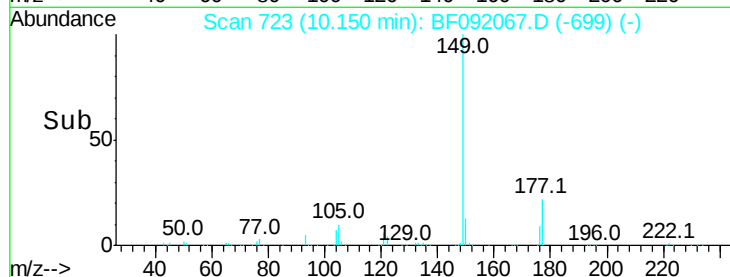
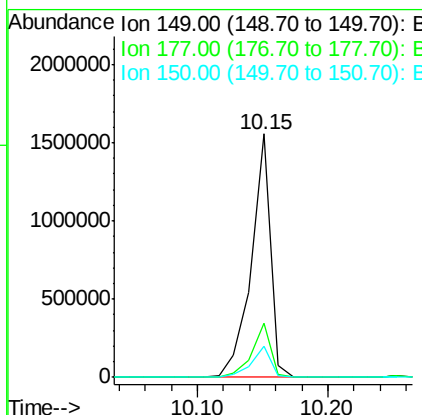
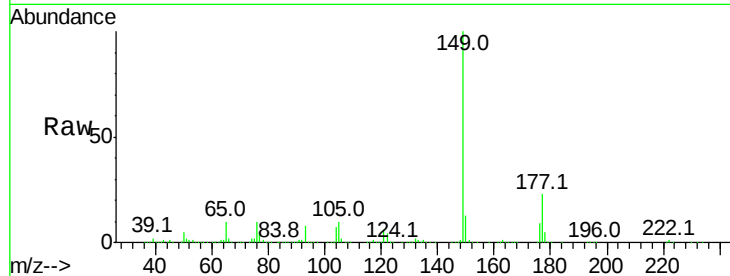
#59
Diethylphthalate
Concen: 48.05 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion:149 Resp: 1599877
Ion Ratio Lower Upper
149 100
177 22.5 16.6 25.0
150 12.9 10.4 15.6

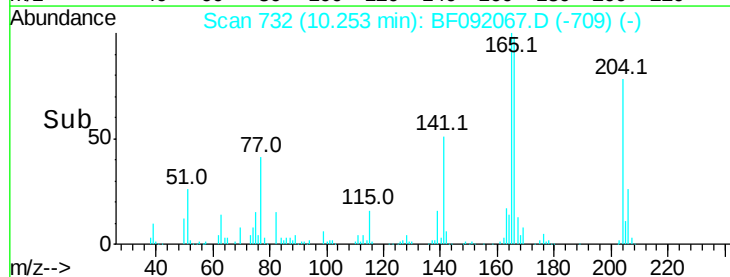
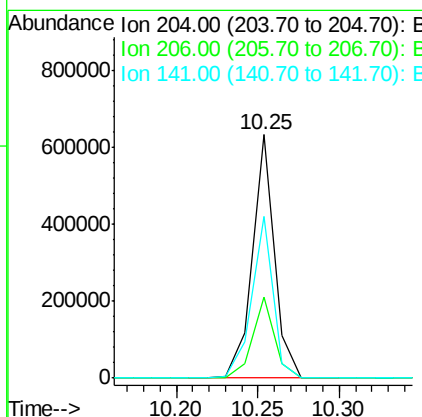
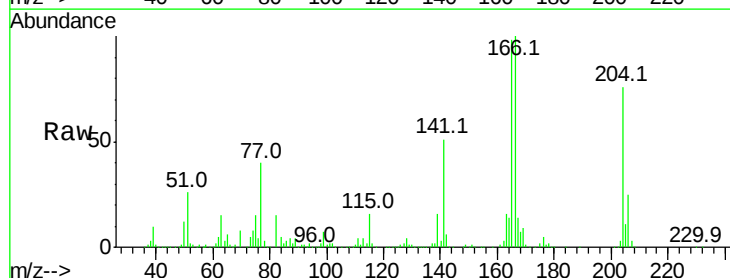
Manual Integrations
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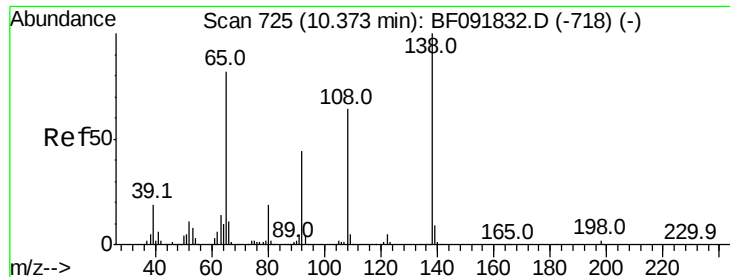
Sohil
1/4/2017 2:05:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.74 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion:204 Resp: 596491
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 66.4 59.4 89.0





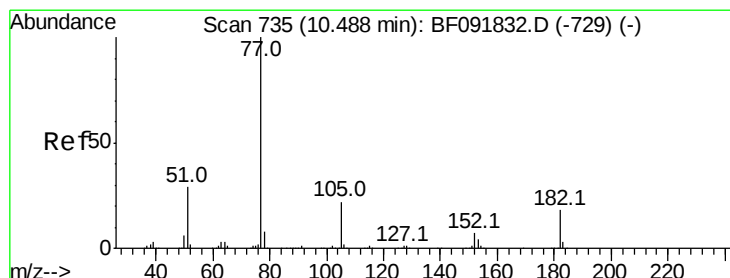
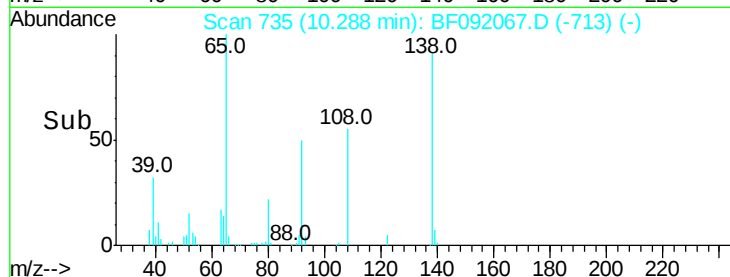
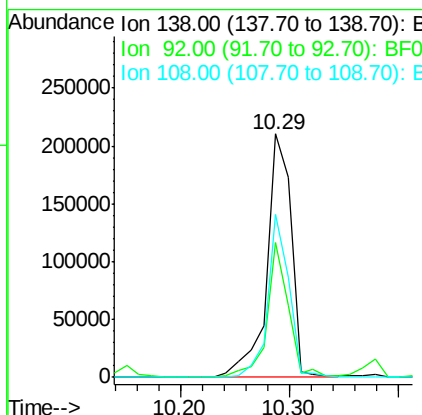
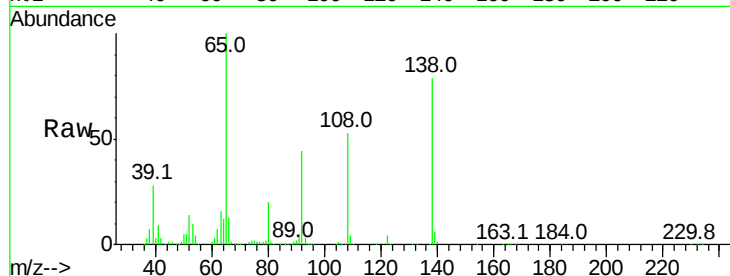
#61
4-Nitroaniline
Concen: 34.09 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.2	31.7	71.7
108	67.0	52.6	92.6

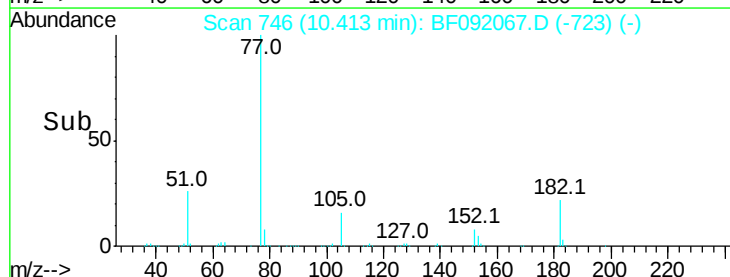
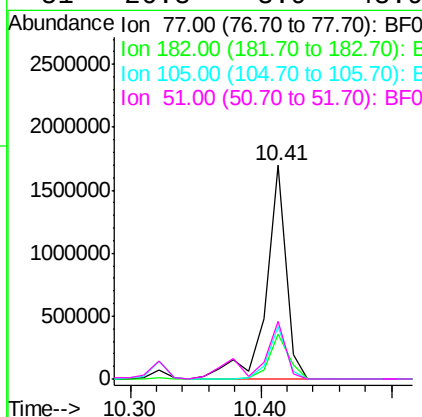
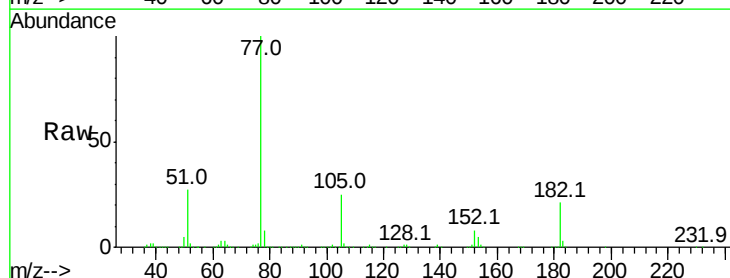
Manual Integrations
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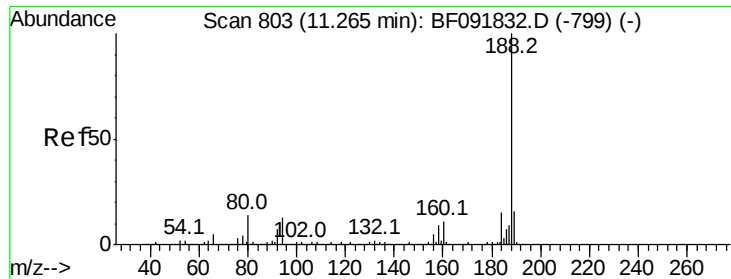
Sohil
1/4/2017 2:05:46 PM



#62
Azobenzene
Concen: 50.03 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.2	0.0	39.3
105	24.5	2.3	42.3
51	26.8	8.9	48.9





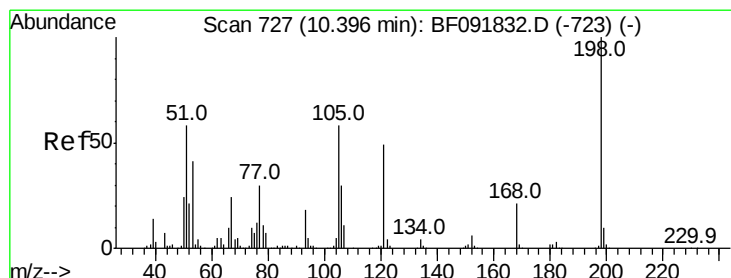
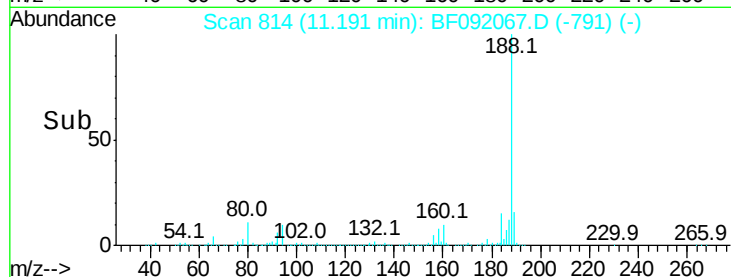
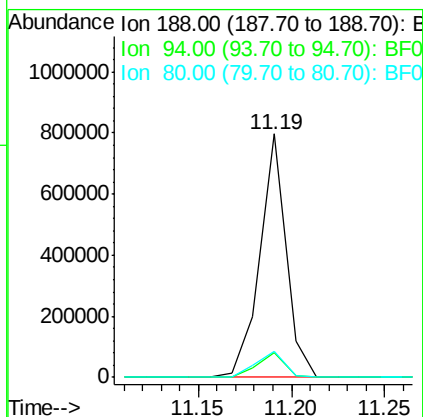
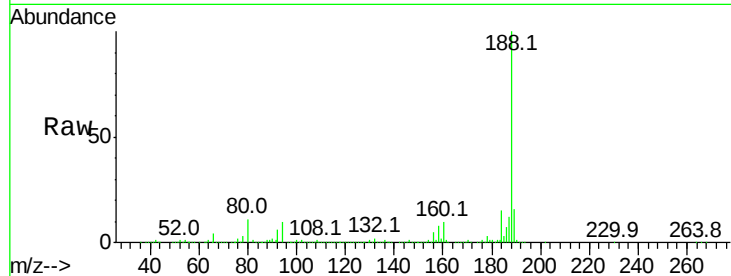
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 814
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	10.0	15.0
80	10.9	11.2	16.8#

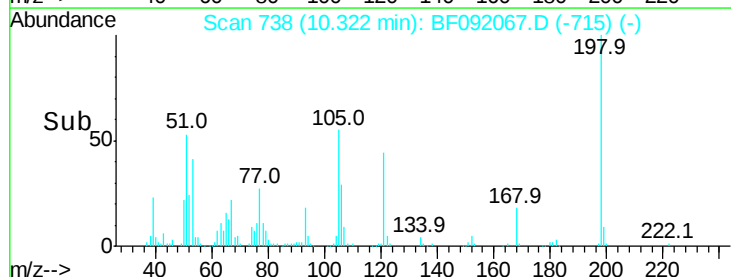
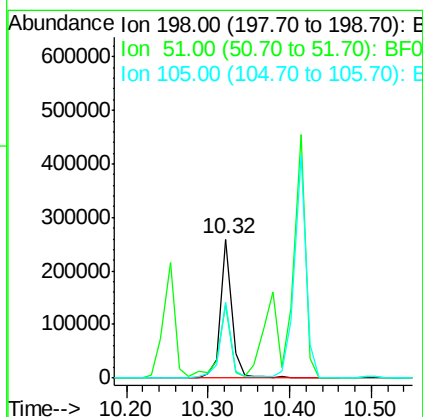
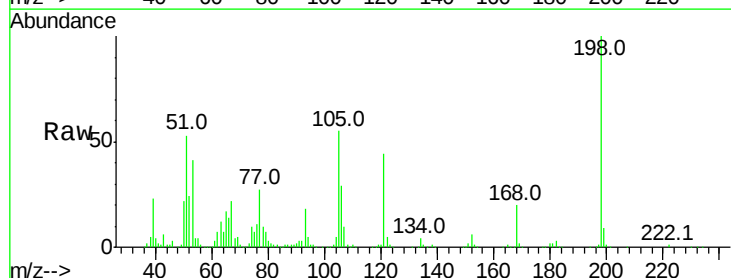
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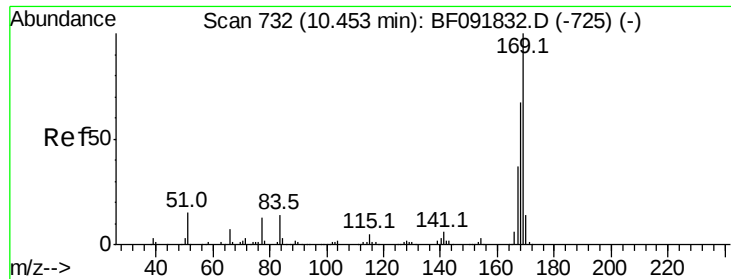
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 54.68 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.1	6.7	46.7#
105	54.7	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 56.91 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:169 Resp: 1304543

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

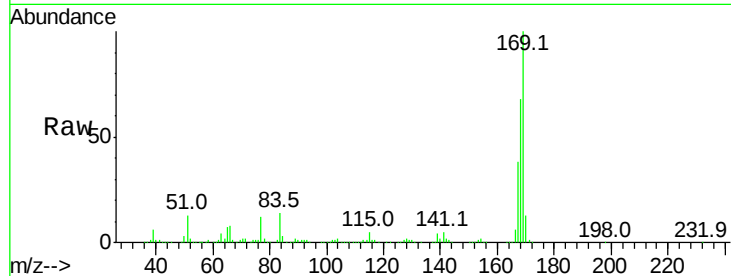
167 37.6 30.2 45.4

Manual Integrations

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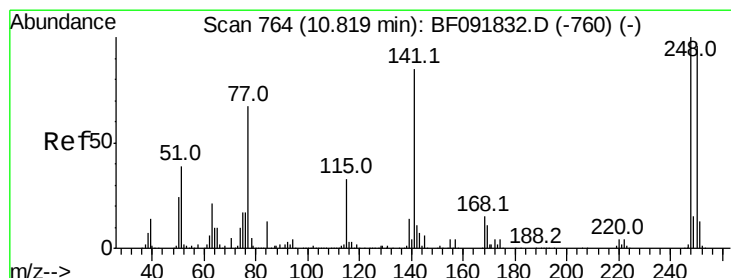
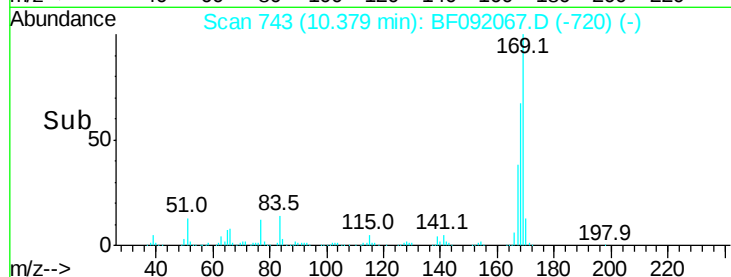
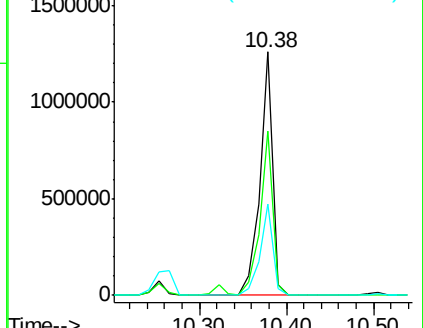
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.74 ng

RT: 10.74 min Scan# 775

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

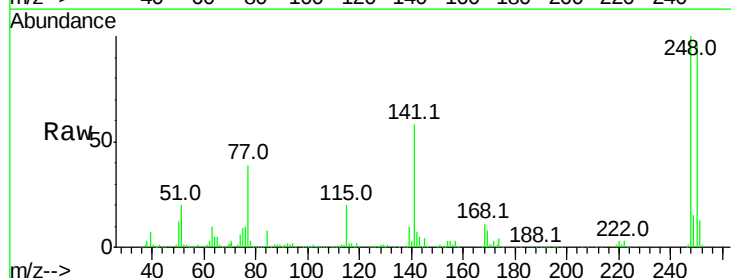
Tgt Ion:248 Resp: 415816

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

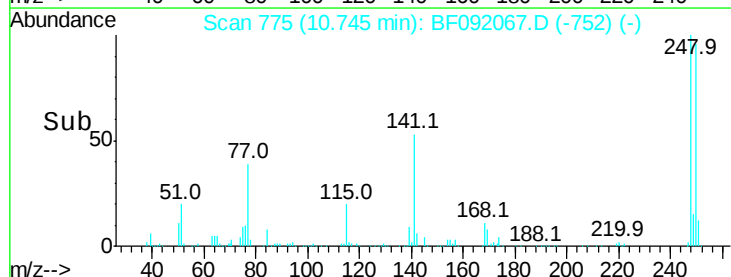
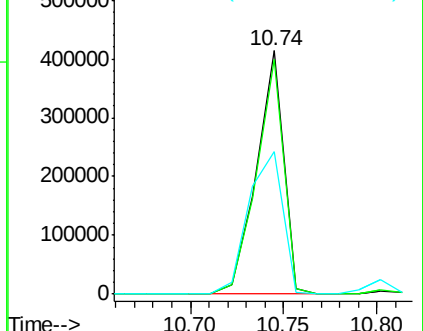
141 58.5 68.2 102.4#

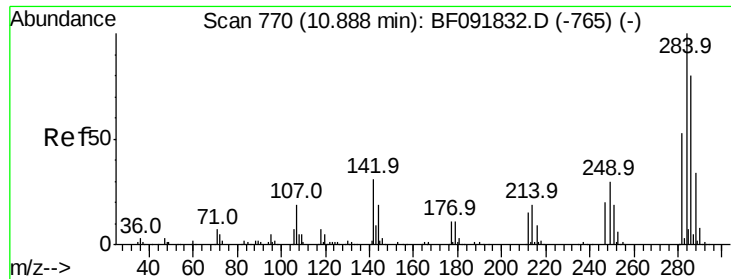


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.90 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

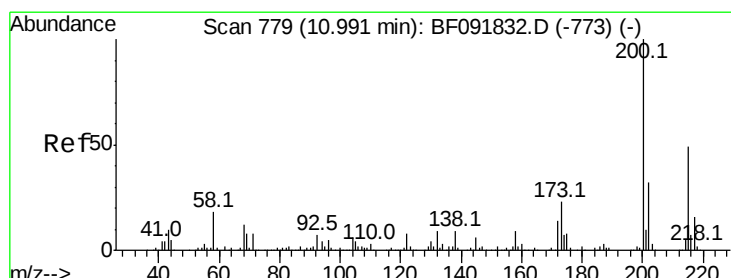
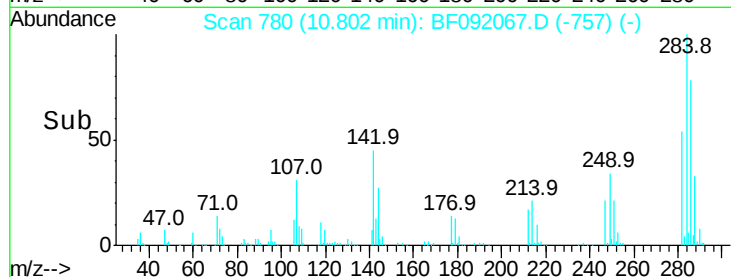
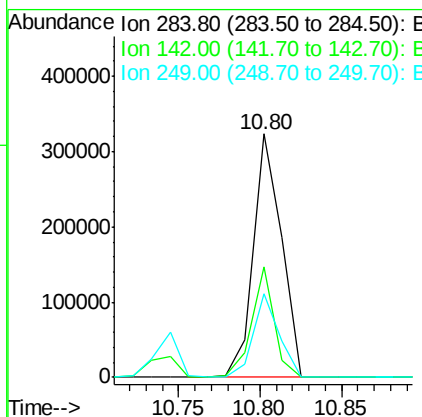
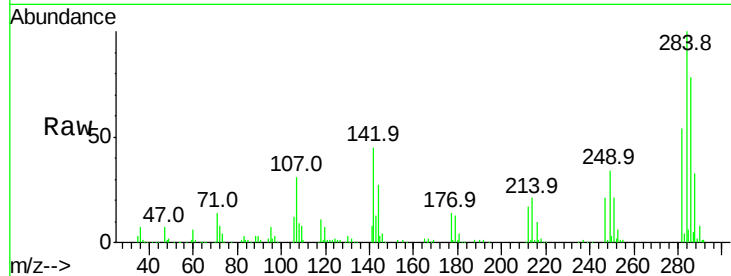
ClientSampleId :

TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	385671		
142	45.4	22.6	33.8#	
249	34.3	25.4	38.0	

Manual Integrations
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1/4/2017 2:05:46 PM



#68

Atrazine

Concen: 49.23 ng

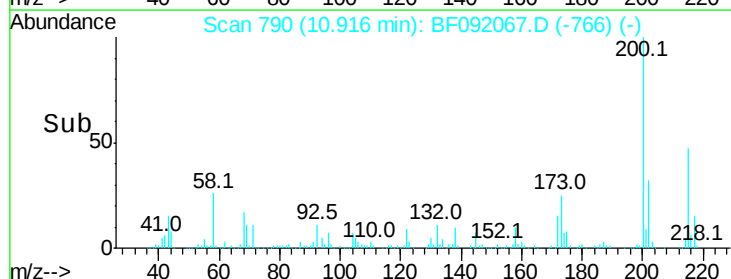
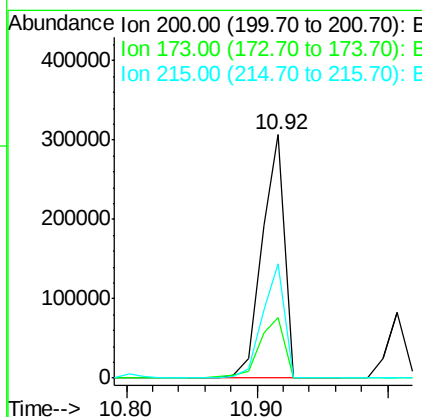
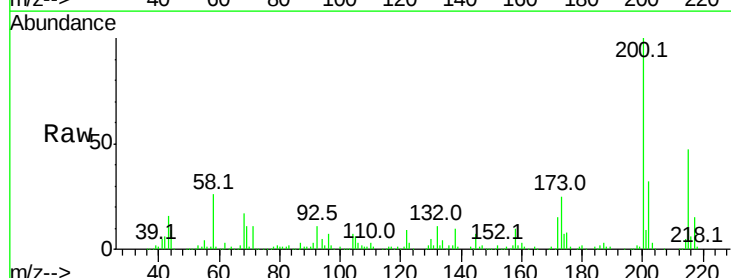
RT: 10.92 min Scan# 790

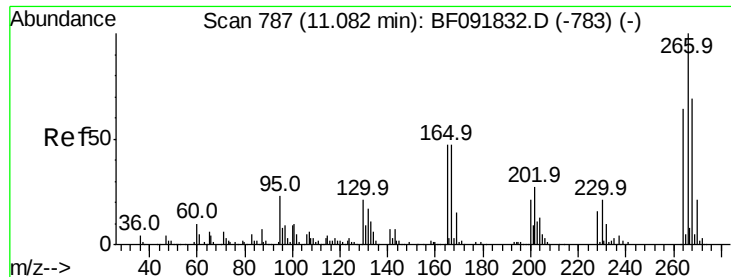
Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	364045		
173	24.9	9.6	49.6	
215	46.9	25.7	65.7	





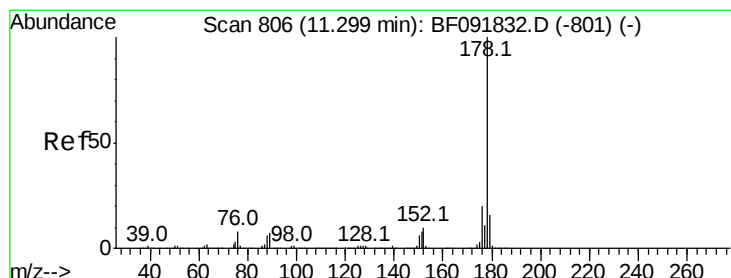
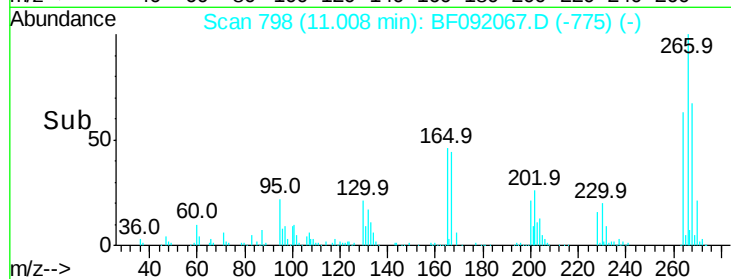
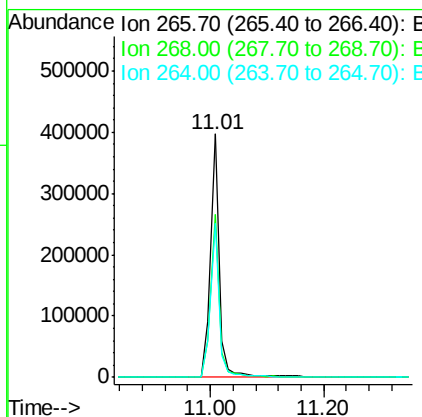
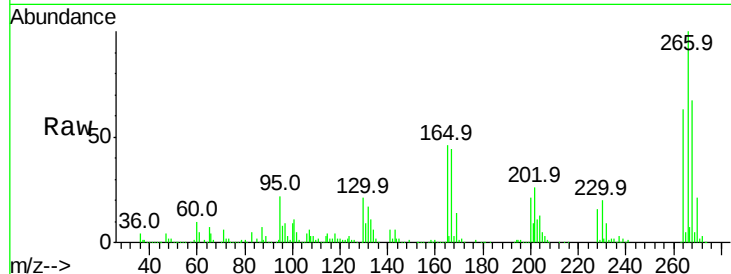
#69
 Pentachlorophenol
 Concen: 99.25 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	53.3	79.9
264	63.4	50.3	75.5

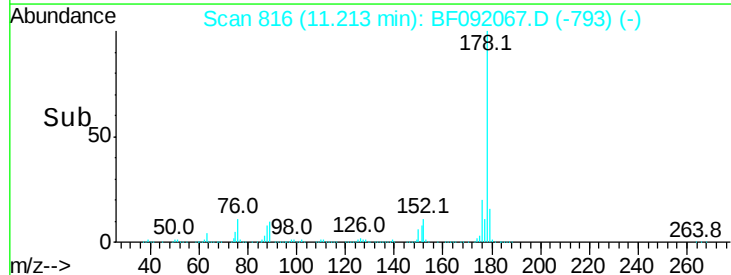
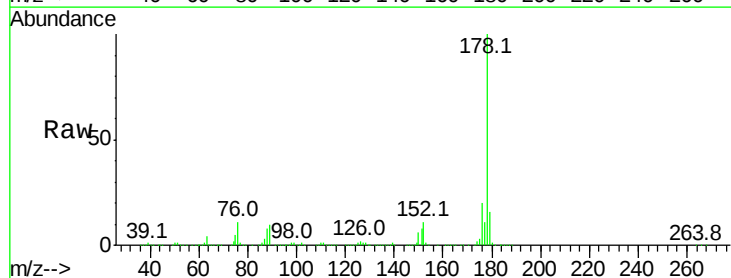
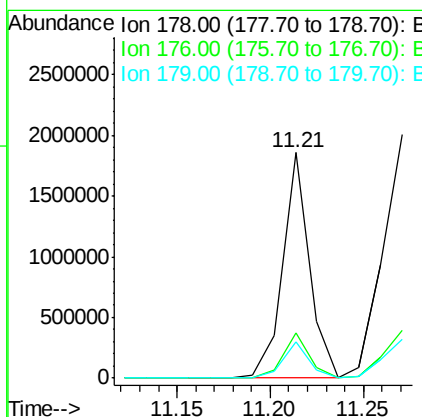
Manual Integrations
 APPROVED

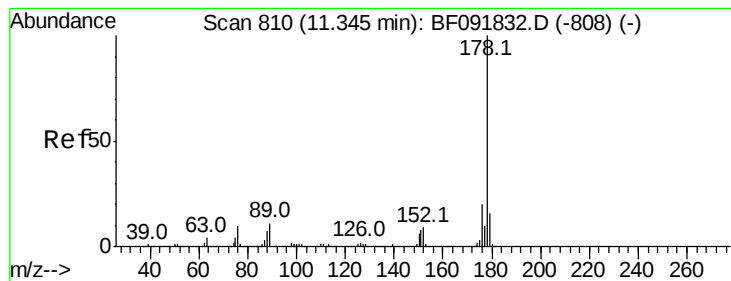
Sohil
 1/4/2017 2:05:46 PM



#70
 Phenanthrene
 Concen: 44.41 ng
 RT: 11.21 min Scan# 816
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	16.0	12.8	19.2





#71
 Anthracene
 Concen: 69.63 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

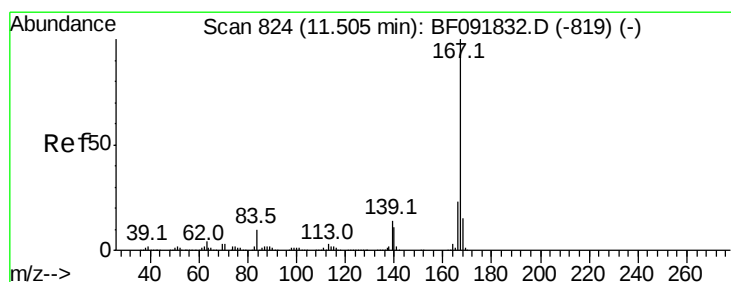
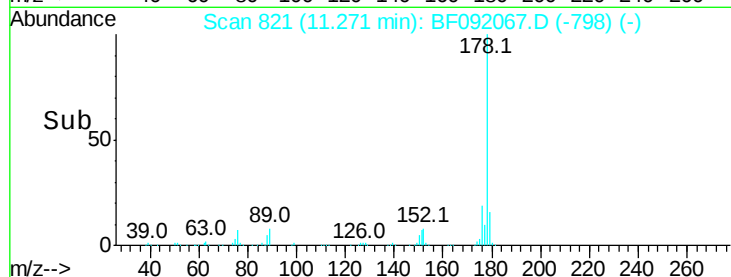
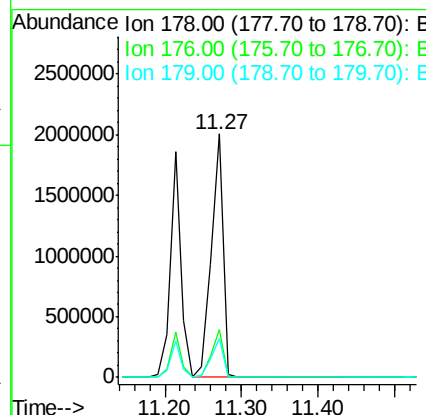
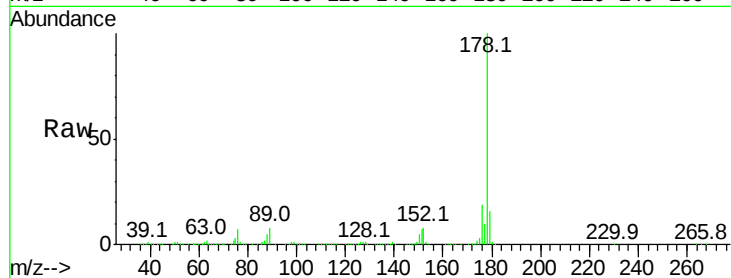
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion:178 Resp: 2108079

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	13.2	19.8

Manual Integrations
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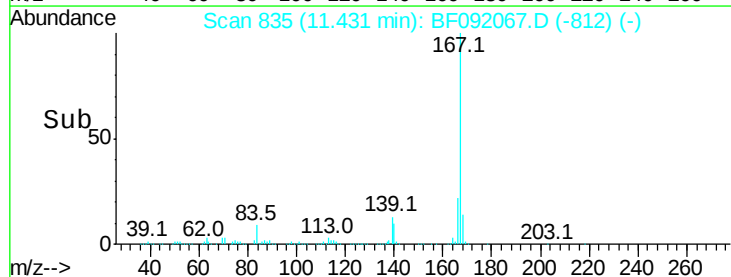
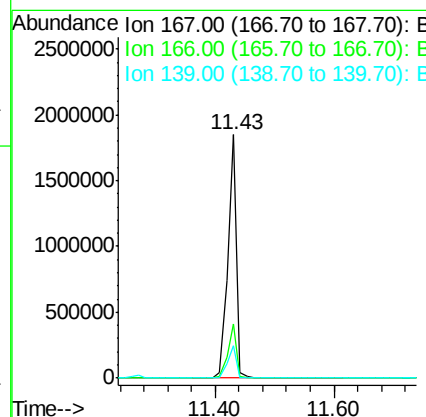
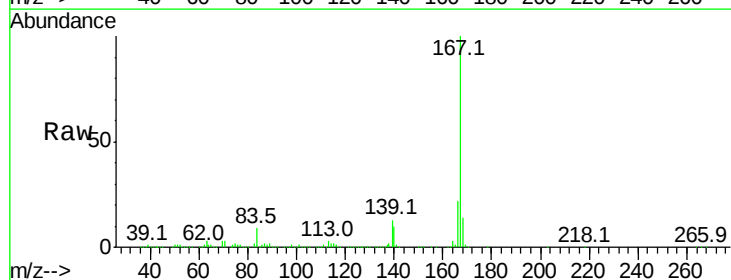
Sohil
 1/4/2017 2:05:46 PM

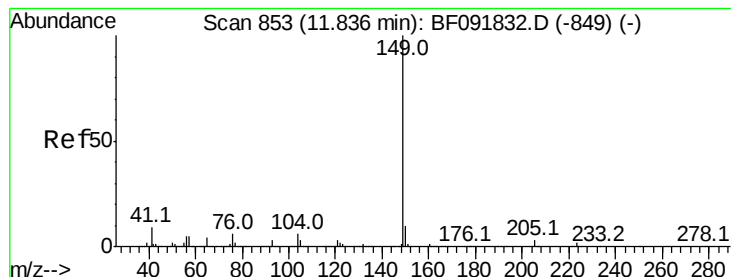


#72
 Carbazole
 Concen: 47.85 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion:167 Resp: 1857348

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	13.2	11.4	17.2





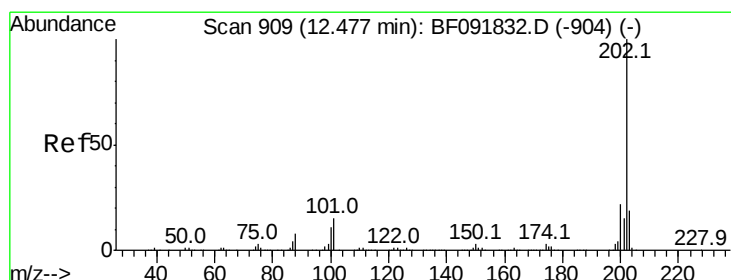
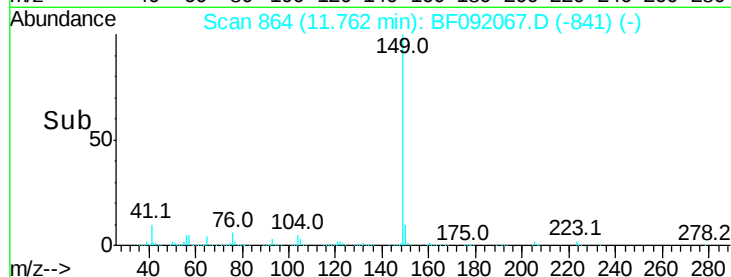
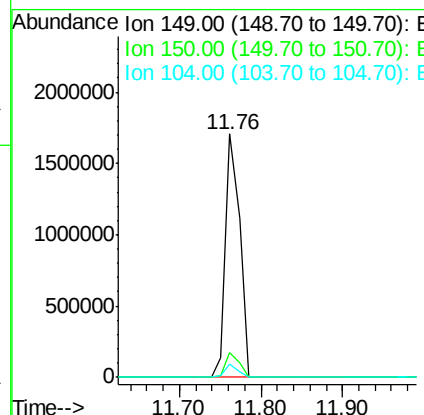
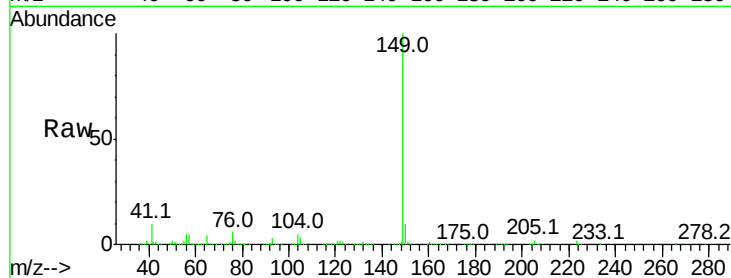
#73
Di-n-butylphthalate
Concen: 51.96 ng
RT: 11.76 min Scan# 864
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion:149 Resp: 2037465
Ion Ratio Lower Upper
149 100
150 9.9 8.1 12.1
104 5.4 4.6 7.0

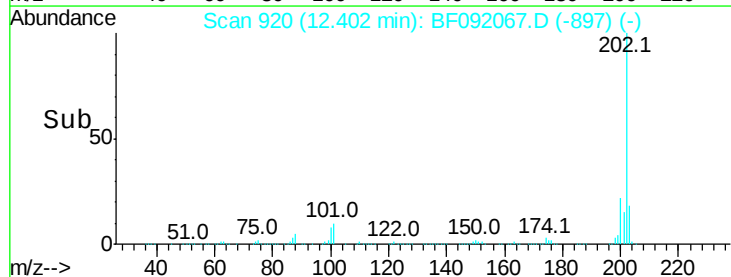
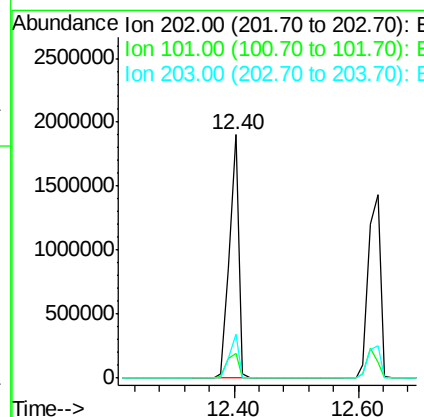
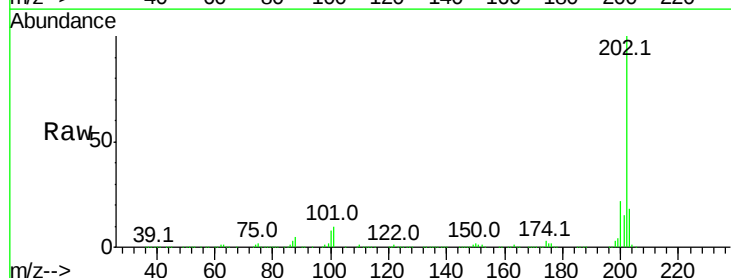
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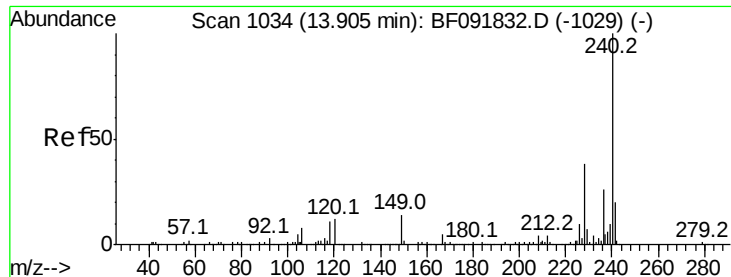
Sohil
1/4/2017 2:05:46 PM



#74
Fluoranthene
Concen: 53.84 ng
RT: 12.40 min Scan# 920
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion:202 Resp: 1951167
Ion Ratio Lower Upper
202 100
101 10.3 0.0 34.6
203 18.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

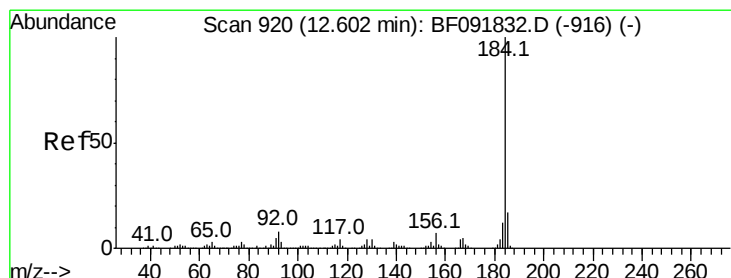
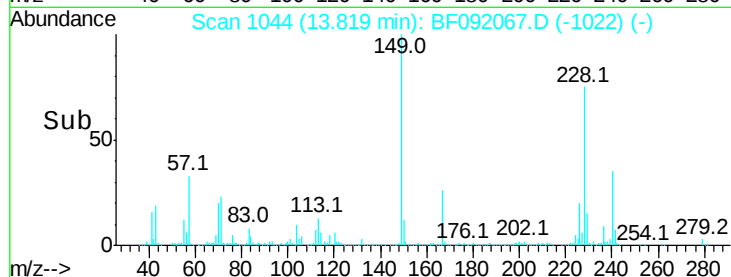
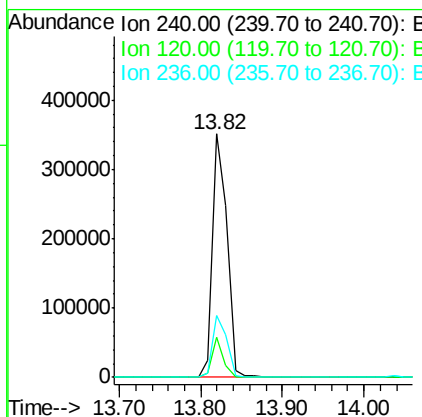
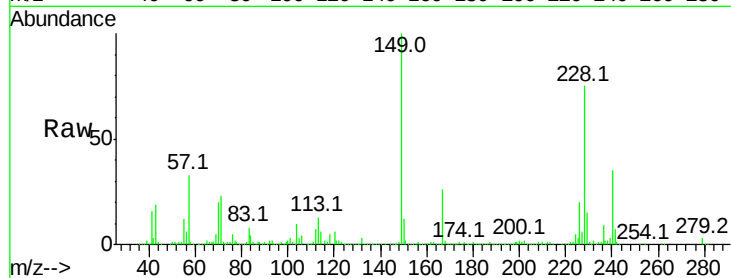
ClientSampleId :

TP9-COMP9MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	438736		
120	16.7	12.9	19.3	
236	25.4	20.9	31.3	

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#76

Benzidine

Concen: 3.56 ng

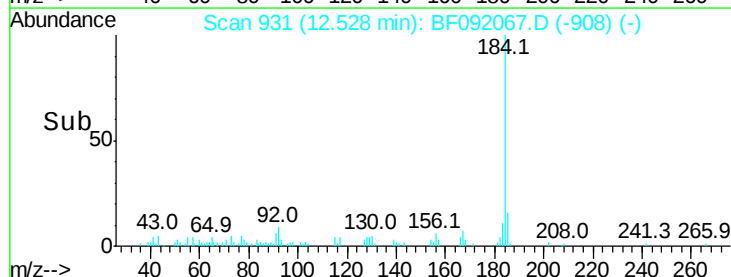
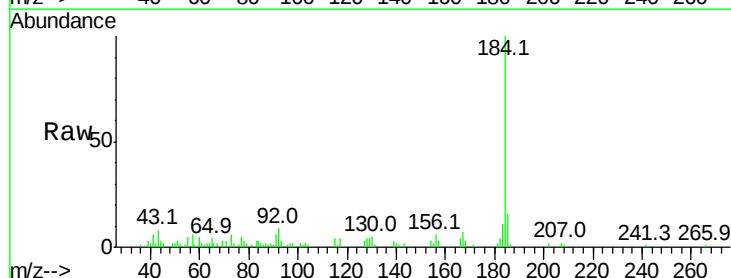
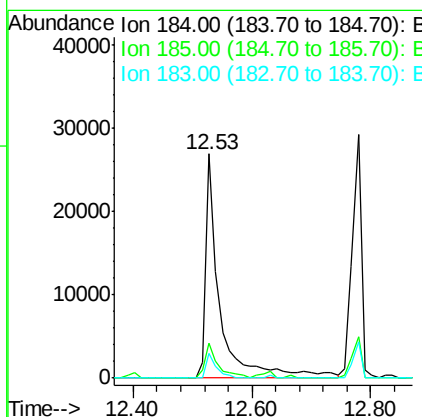
RT: 12.53 min Scan# 931

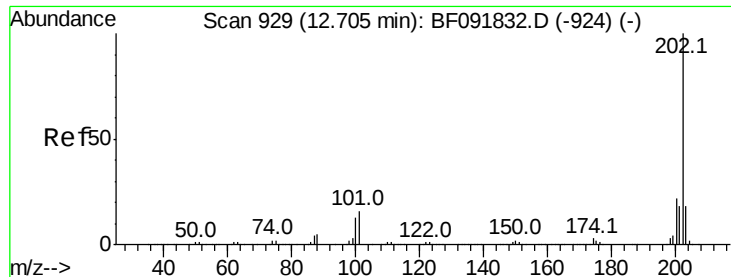
Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	45230		
185	15.8	13.4	20.0	
183	10.9	9.2	13.8	





#77

Pvrene

Concen: 59.27 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:202 Resp: 1907785

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

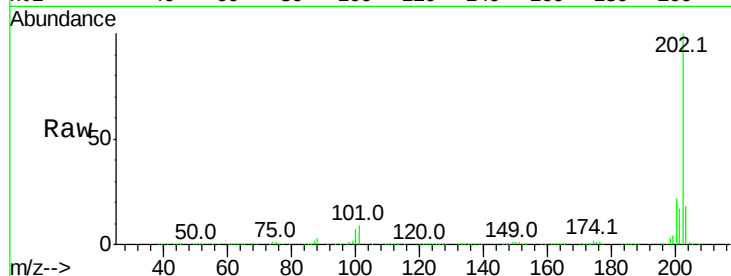
203 17.9 14.7 22.1

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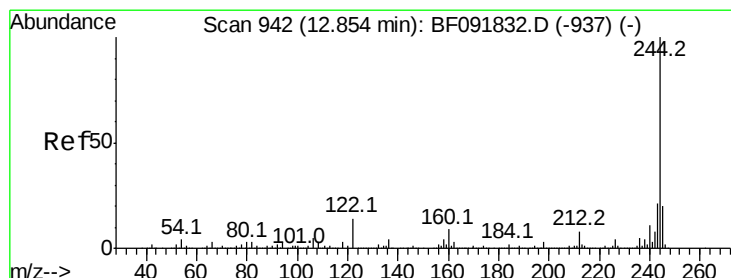
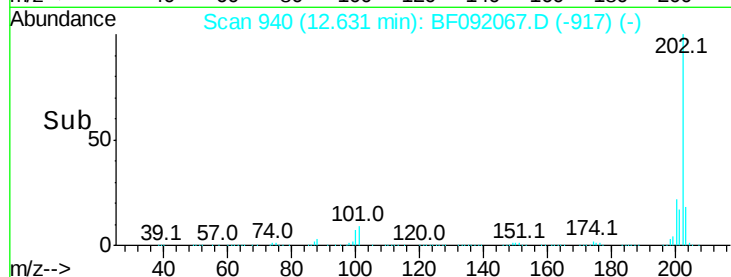
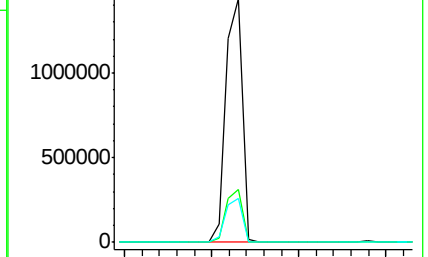
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 112.42 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

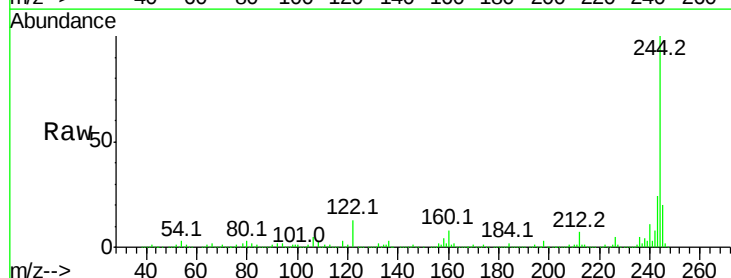
Tgt Ion:244 Resp: 2033720

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

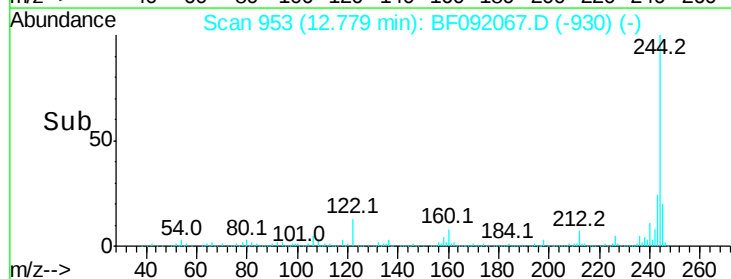
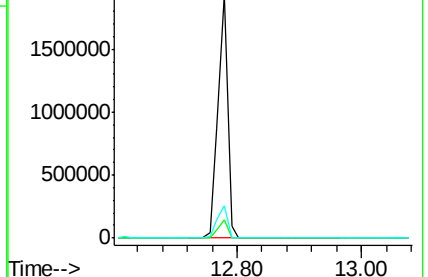
122 13.1 11.4 17.2

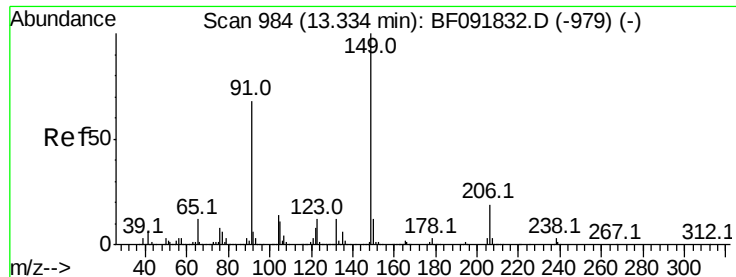


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





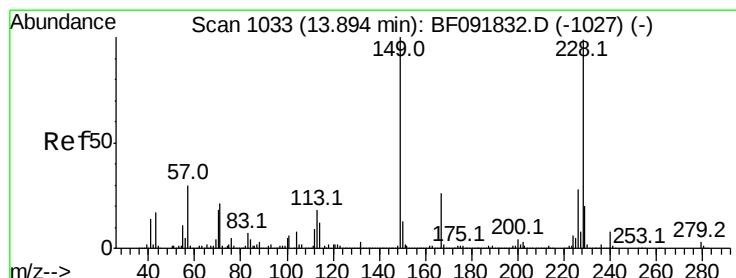
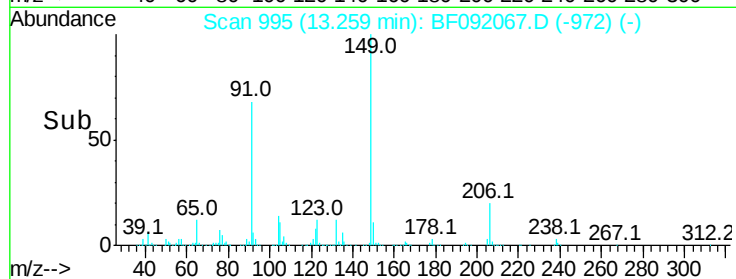
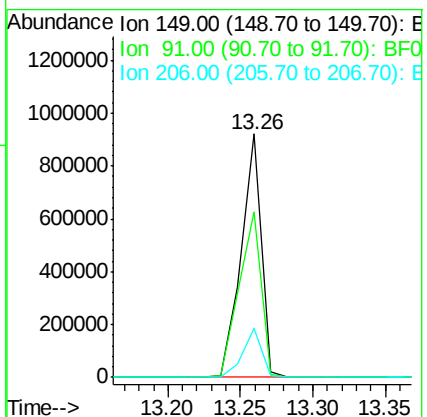
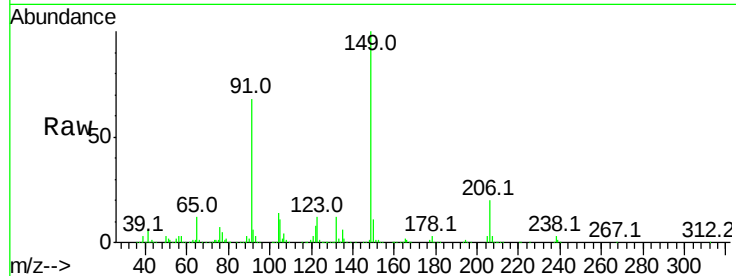
#79
Butylbenzylphthalate
Concen: 60.56 ng
RT: 13.26 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	63.9	95.9
206	20.1	14.6	21.8

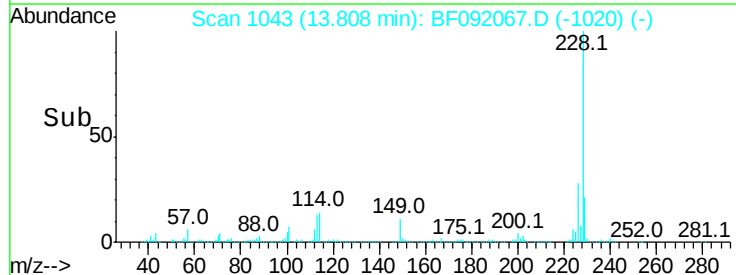
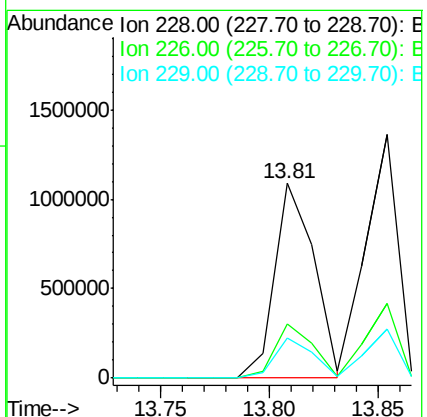
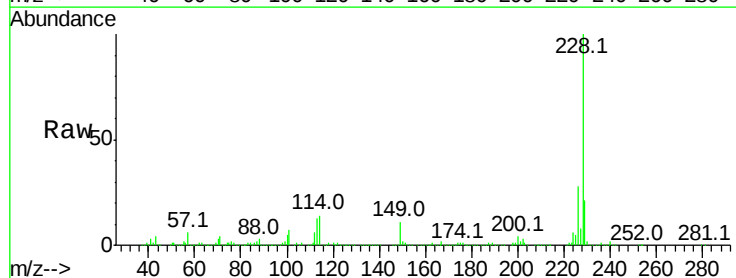
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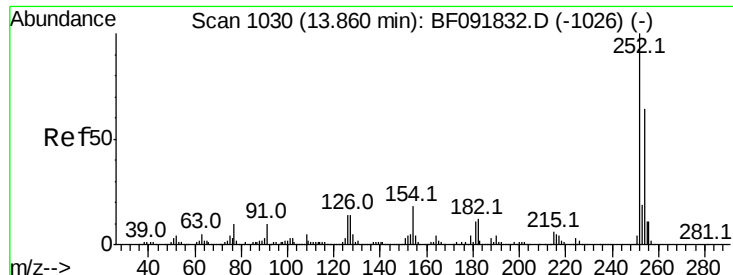
Sohil
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#80
Benzo(a)anthracene
Concen: 55.75 ng
RT: 13.81 min Scan# 1043
Delta R.T. -0.04 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.4	33.6
229	20.5	16.2	24.4





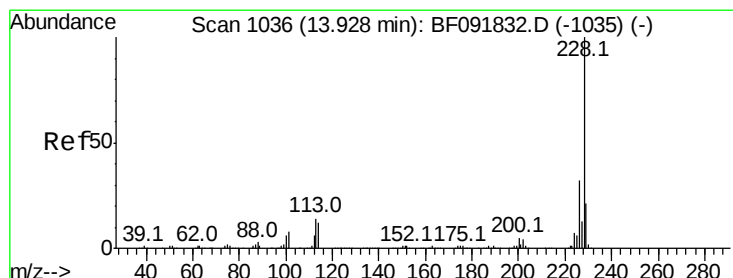
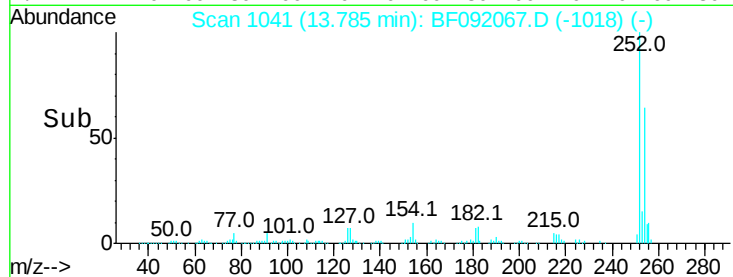
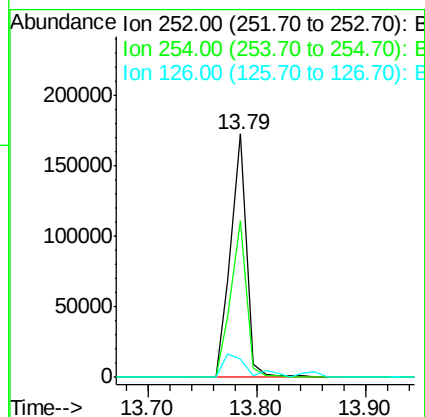
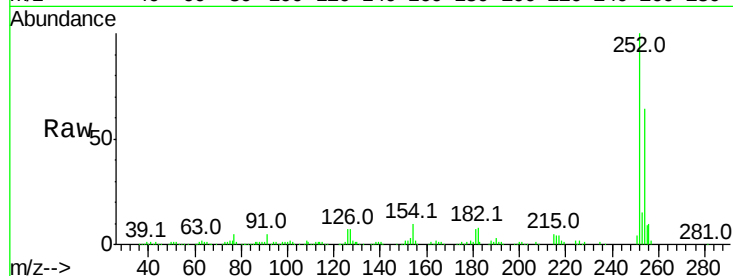
#81
 3,3'-Dichlorobenzidine
 Concen: 18.80 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	7.5	13.6	20.4

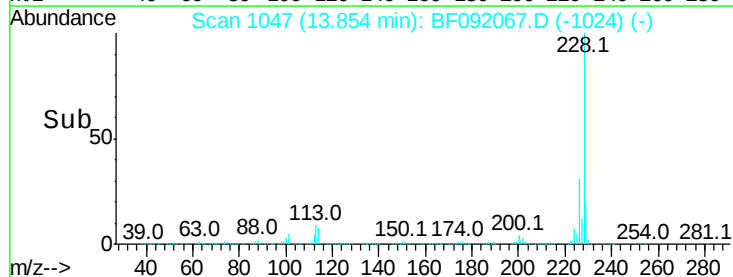
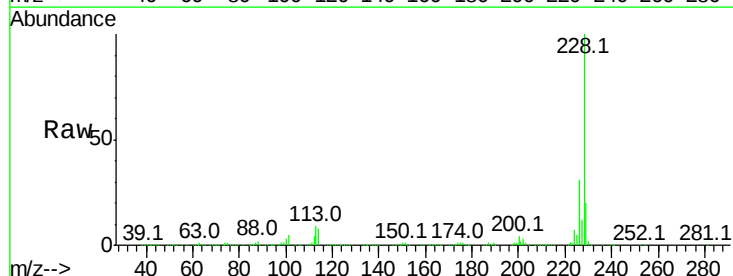
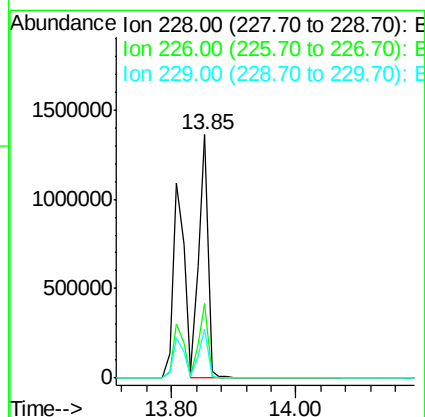
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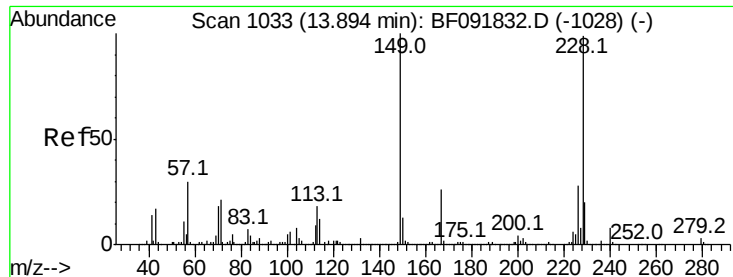
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#82
 Chrysene
 Concen: 56.74 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.82 ng

RT: 13.82 min Scan# 1044

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

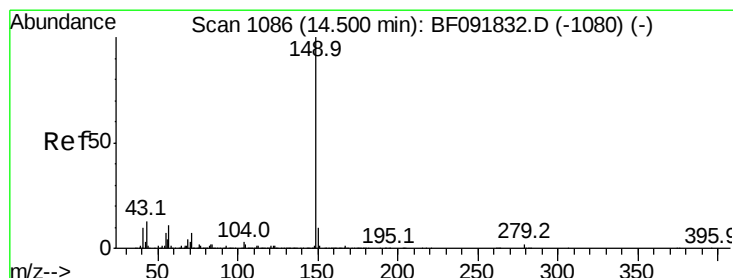
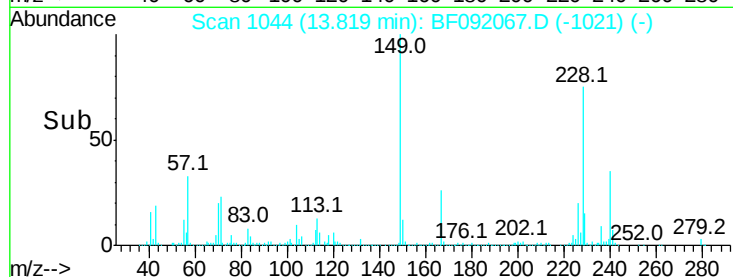
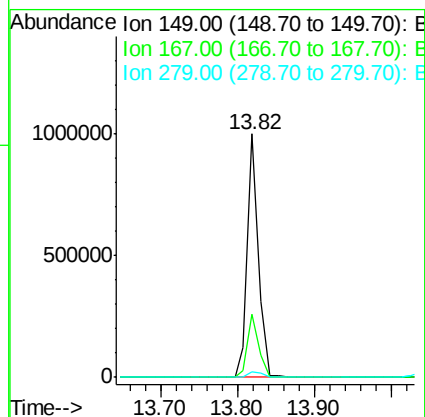
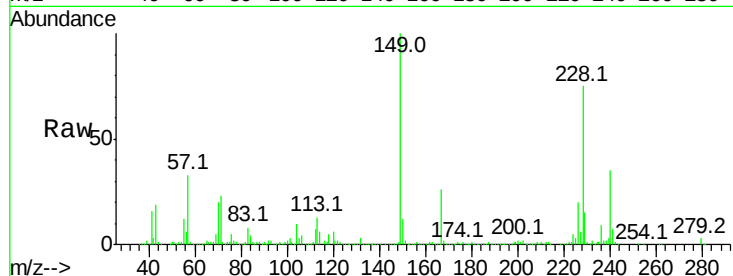
ClientSampleId :

TP9-COMP9MSD

Tot Ion:	149	Resp:	996841
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.2	30.4
279	2.5	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 54.88 ng

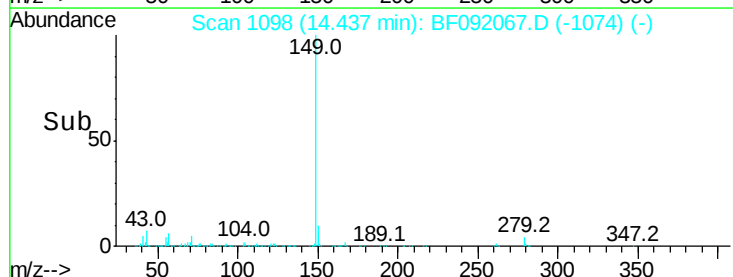
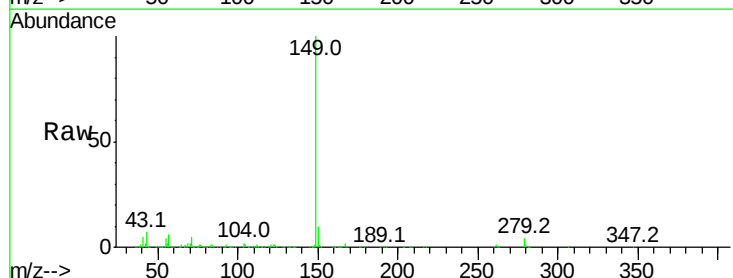
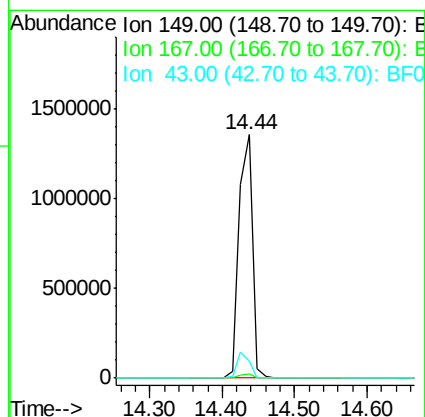
RT: 14.44 min Scan# 1098

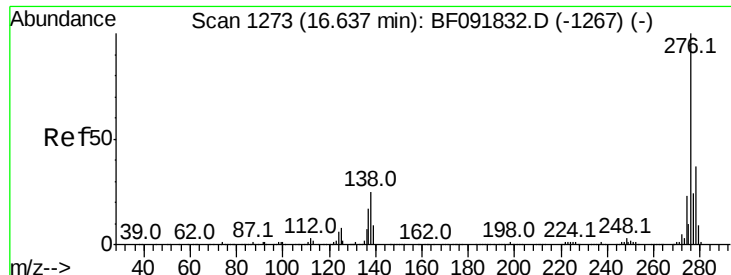
Delta R.T. -0.03 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Tgt Ion:	149	Resp:	1752687
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.1	8.9	13.3





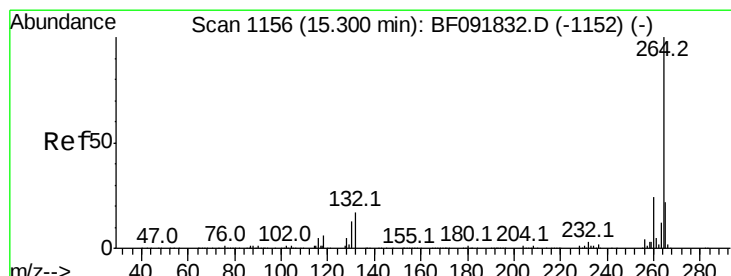
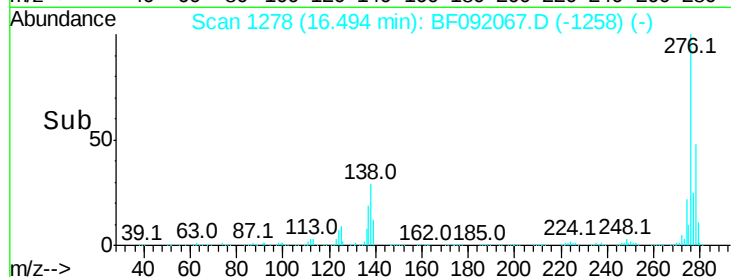
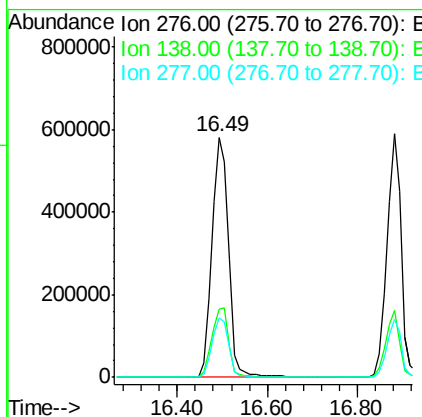
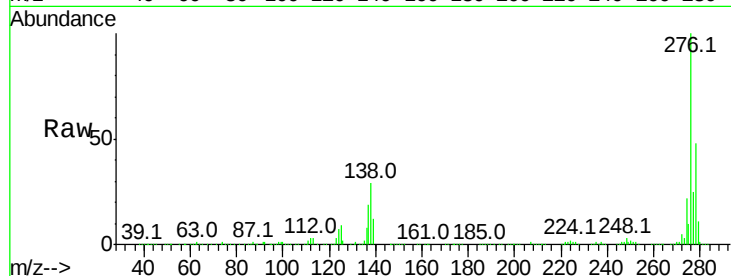
#85
Indeno(1,2,3-cd)pyrene
Concen: 69.40 ng
RT: 16.49 min Scan# 1278
Delta R.T. -0.07 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.8	32.6
277	25.2	20.2	30.4

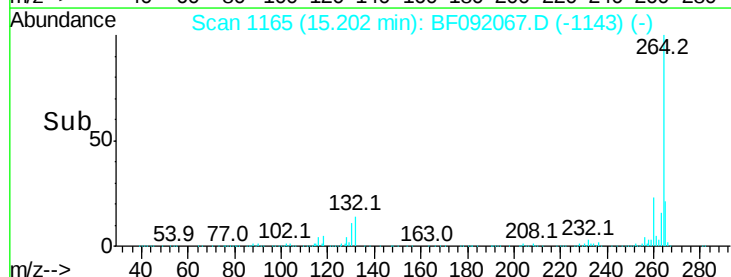
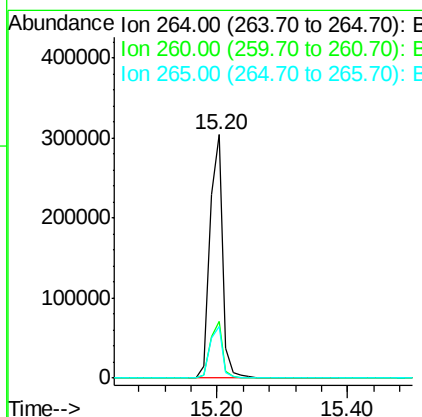
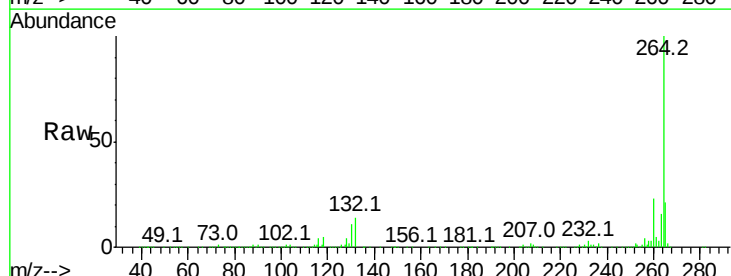
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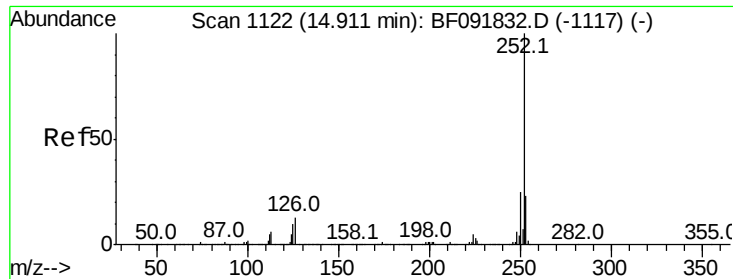
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 55.38 ng m

RT: 14.83 min Scan# 1132

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tot Ion:252 Resp: 1429948

Ion Ratio Lower Upper

252 100

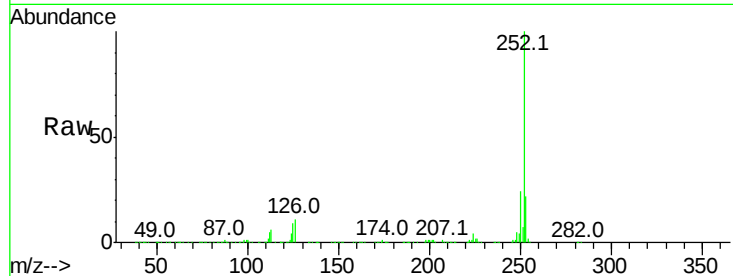
253 22.5 18.2 27.4

125 9.0 9.8 14.6#

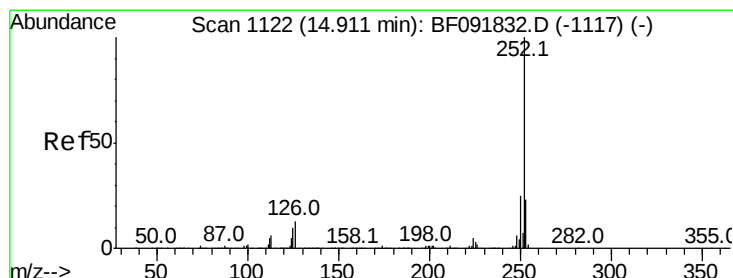
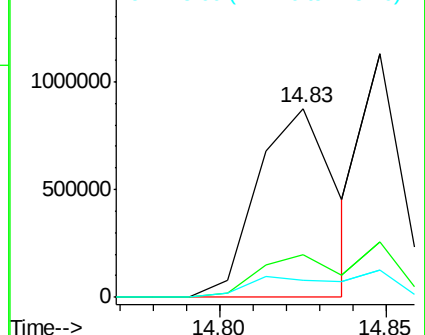
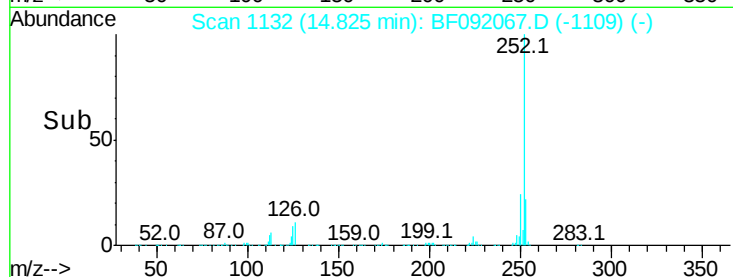
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.09 ng m

RT: 14.85 min Scan# 1134

Delta R.T. -0.04 min

Lab File: BF092067.D

Acq: 3 Jan 2017 18:17

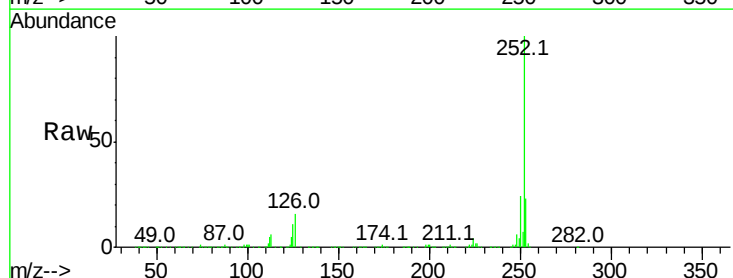
Tgt Ion:252 Resp: 904689

Ion Ratio Lower Upper

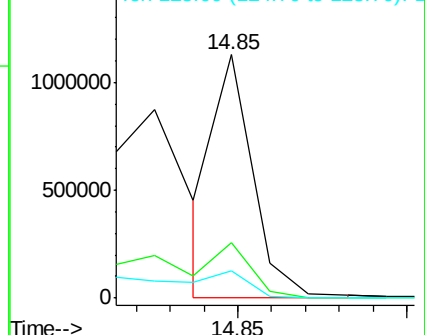
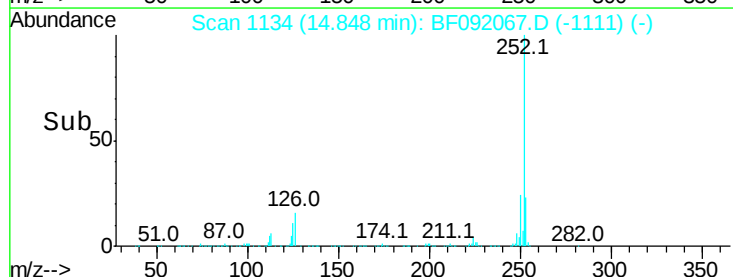
252 100

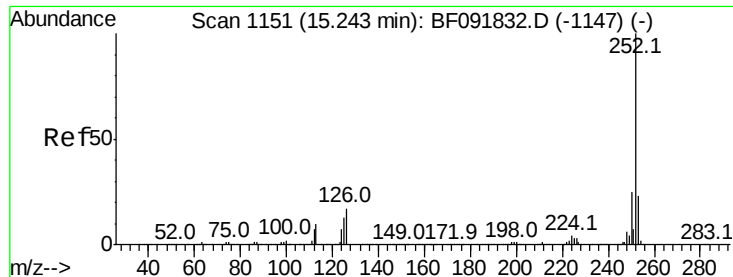
253 22.8 18.5 27.7

125 11.0 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





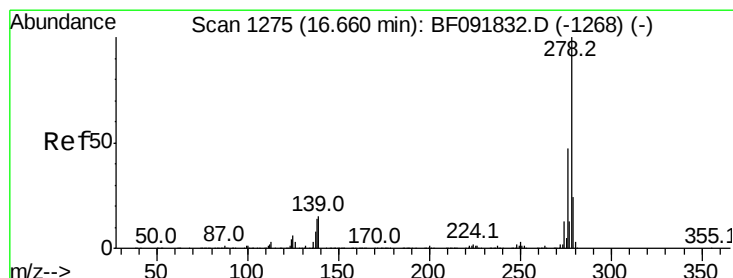
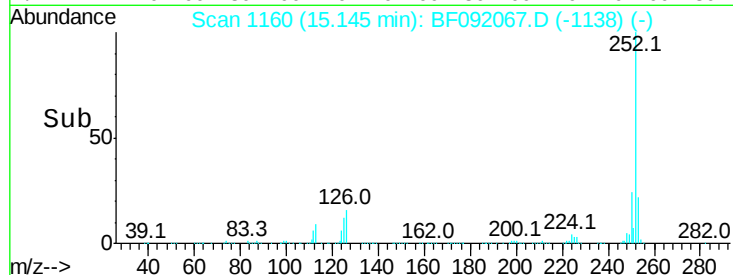
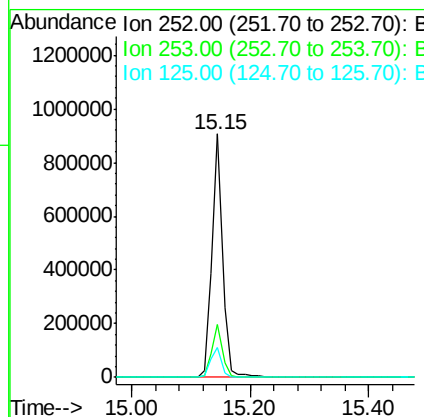
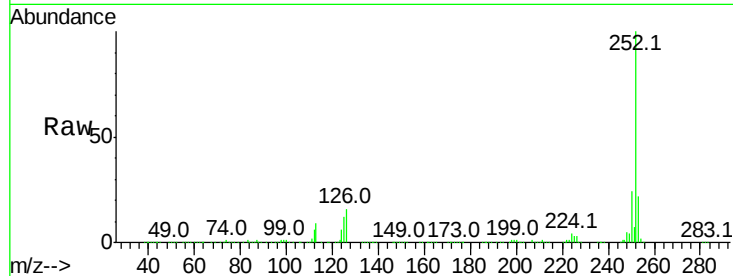
#89
Benzo(a)pyrene
Concen: 49.19 ng
RT: 15.15 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tot Ion:252 Resp: 1127348
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 12.3 10.0 15.0

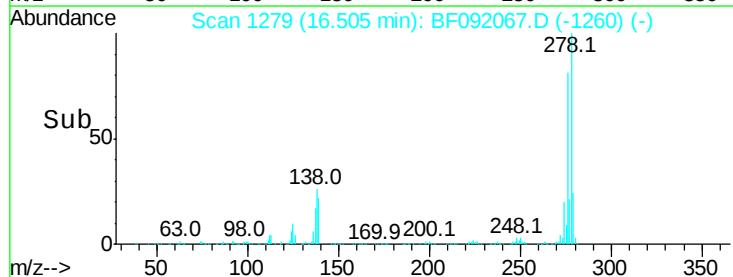
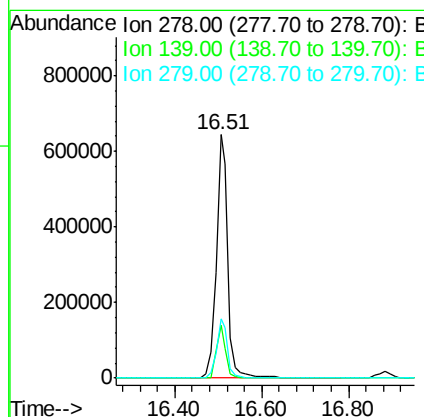
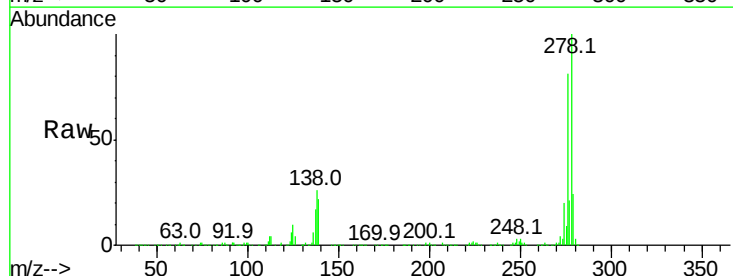
Manual Integrations
APPROVED

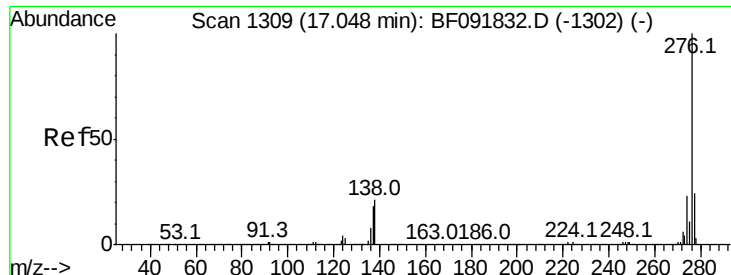
Sohil
1/4/2017 2:05:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 64.64 ng
RT: 16.51 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF092067.D
Acq: 3 Jan 2017 18:17

Tgt Ion:278 Resp: 1217580
Ion Ratio Lower Upper
278 100
139 22.0 14.8 22.2
279 24.2 19.8 29.6





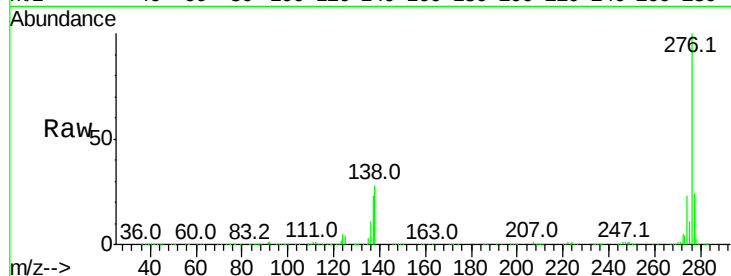
#91
 Benzo(a,h,i)perylene
 Concen: 66.87 ng
 RT: 16.88 min Scan# 1312
 Delta R.T. -0.09 min
 Lab File: BF092067.D
 Acq: 3 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	27.6	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 1/4/2017 2:05:46 PM



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

