

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091717.D
 Acq On : 17 Dec 2016 16:11
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

umangi
 12/20/2016 11:40:27 AM

Quant Time: Dec 17 22:39:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:15:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	331846	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1370694	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	710598	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	1165922	20.00	ng	0.01
75) Chrysene-d12	13.94	240	851536	20.00	ng	0.01
86) Perylene-d12	15.33	264	809858	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2840333	143.15	ng	0.00
7) Phenol-d6	6.43	99	3326531	134.02	ng	0.01
23) Nitrobenzene-d5	7.36	82	3212262	129.25	ng	0.01
41) 2,4,6-Tribromophenol	10.61	330	817165	137.83	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	4944650	122.59	ng	0.01
78) Terphenyl-d14	12.89	244	3790661	101.63	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	815238	78.15	ng	99
3) Pyridine	3.01	79	2393766	83.75	ng	98
4) n-Nitrosodimethylamine	3.00	42	951006	78.75	ng	95
6) Aniline	6.45	93	2155731	66.53	ng	# 69
8) 2-Chlorophenol	6.57	128	1461543	65.70	ng	98
9) Benzaldehyde	6.32	77	858767	50.64	ng	96
10) Phenol	6.45	94	1841428	62.29	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	1427395	66.33	ng	98
12) 1,3-Dichlorobenzene	6.72	146	1603076	65.47	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	1728394	71.66	ng	95
14) 1,2-Dichlorobenzene	6.96	146	1327198m	61.34	ng	
15) Benzyl Alcohol	6.93	79	1180006	60.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	2327867	69.52	ng	70
17) 2-Methylphenol	7.05	107	1290639	69.92	ng	95
18) Hexachloroethane	7.29	117	631759	67.47	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	1191216	77.24	ng	96
20) 3+4-Methylphenols	7.21	107	1229898	53.69	ng	93
22) Acetophenone	7.20	105	2296404	69.29	ng	# 97
24) Nitrobenzene	7.37	77	1721356	67.35	ng	99
25) Isophorone	7.62	82	3367991	75.85	ng	98
26) 2-Nitrophenol	7.69	139	974764	84.08	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	1455345	71.23	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	1900504	74.37	ng	99
29) 2,4-Dichlorophenol	7.93	162	1168087	66.23	ng	89
30) 1,2,4-Trichlorobenzene	8.01	180	1312577	65.18	ng	# 95
31) Naphthalene	8.09	128	4034687	62.52	ng	98
32) Benzoic acid	7.92	122	1199157	86.03	ng	99
33) 4-Chloroaniline	8.14	127	1987982	71.37	ng	94
34) Hexachlorobutadiene	8.20	225	709953	62.35	ng	99
35) Caprolactam	8.56	113	449567m	83.63	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1310171	66.15	ng	100
37) 2-Methylnaphthalene	8.77	142	2683233	64.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	1096657	55.89	ng	# 96
40) Hexachlorocyclopentadiene	8.93	237	643784	74.28	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	907995	72.43	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	811882	62.46	nq	99
45) 1,1'-Biphenyl	9.24	154	3121684	59.35	nq	96
46) 2-Chloronaphthalene	9.26	162	2336433	57.81	nq	94
47) 2-Nitroaniline	9.37	65	958881	72.36	nq	97
48) Acenaphthylene	9.69	152	4051997	66.30	nq	99
49) Dimethylphthalate	9.56	163	3155980	69.22	nq	98
50) 2,6-Dinitrotoluene	9.62	165	786353	78.22	nq	# 86
51) Acenaphthene	9.86	154	2945388	69.44	nq	99
52) 3-Nitroaniline	9.79	138	961007	82.14	nq	90
53) 2,4-Dinitrophenol	9.89	184	496268	125.07	nq	98
54) Dibenzofuran	10.03	168	3407560	64.82	nq	96
55) 4-Nitrophenol	9.96	139	726532	85.67	nq	# 67
56) 2,4-Dinitrotoluene	10.02	165	766969	61.51	nq	# 79
57) Fluorene	10.37	166	2522889	61.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	651822	64.87	nq	94
59) Diethylphthalate	10.25	149	3020518	69.34	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	1116939	60.19	nq	93
61) 4-Nitroaniline	10.41	138	843676	71.98	nq	99
62) Azobenzene	10.52	77	3423718	70.33	nq	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	519672	83.38	nq	# 54
65) n-Nitrosodiphenylamine	10.49	169	2438264	68.47	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	868604	72.17	nq	# 81
67) Hexachlorobenzene	10.91	284	809110	63.28	nq	# 81
68) Atrazine	11.01	200	614768	54.80	nq	98
69) Pentachlorophenol	11.10	266	509441	70.68	nq	99
70) Phenanthrene	11.32	178	3588364	60.15	nq	99
71) Anthracene	11.38	178	3816539	61.80	nq	98
72) Carbazole	11.53	167	3762996	67.34	nq	99
73) Di-n-butylphthalate	11.87	149	4594018	71.63	nq	99
74) Fluoranthene	12.51	202	3833656	63.46	nq	98
76) Benzidine	12.63	184	1499938	56.90	nq	96
77) Pyrene	12.74	202	3904430	58.58	nq	98
79) Butylbenzylphthalate	13.36	149	1978114	73.61	nq	97
80) Benzo(a)anthracene	13.93	228	2733571	54.78	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	1110301	60.55	nq	98
82) Chrysene	13.96	228	3260024	62.37	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	2253239	65.96	nq	# 95
84) Di-n-octyl phthalate	14.53	149	4047749	68.30	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	3062442	64.03	nq	100
87) Benzo(b)fluoranthene	14.95	252	3399921m	68.53	nq	
88) Benzo(k)fluoranthene	14.98	252	2823371m	67.64	nq	
89) Benzo(a)pyrene	15.29	252	2959029	67.65	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	2499269	63.63	nq	97
91) Benzo(g,h,i)perylene	17.12	276	2591371	64.54	nq	97

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

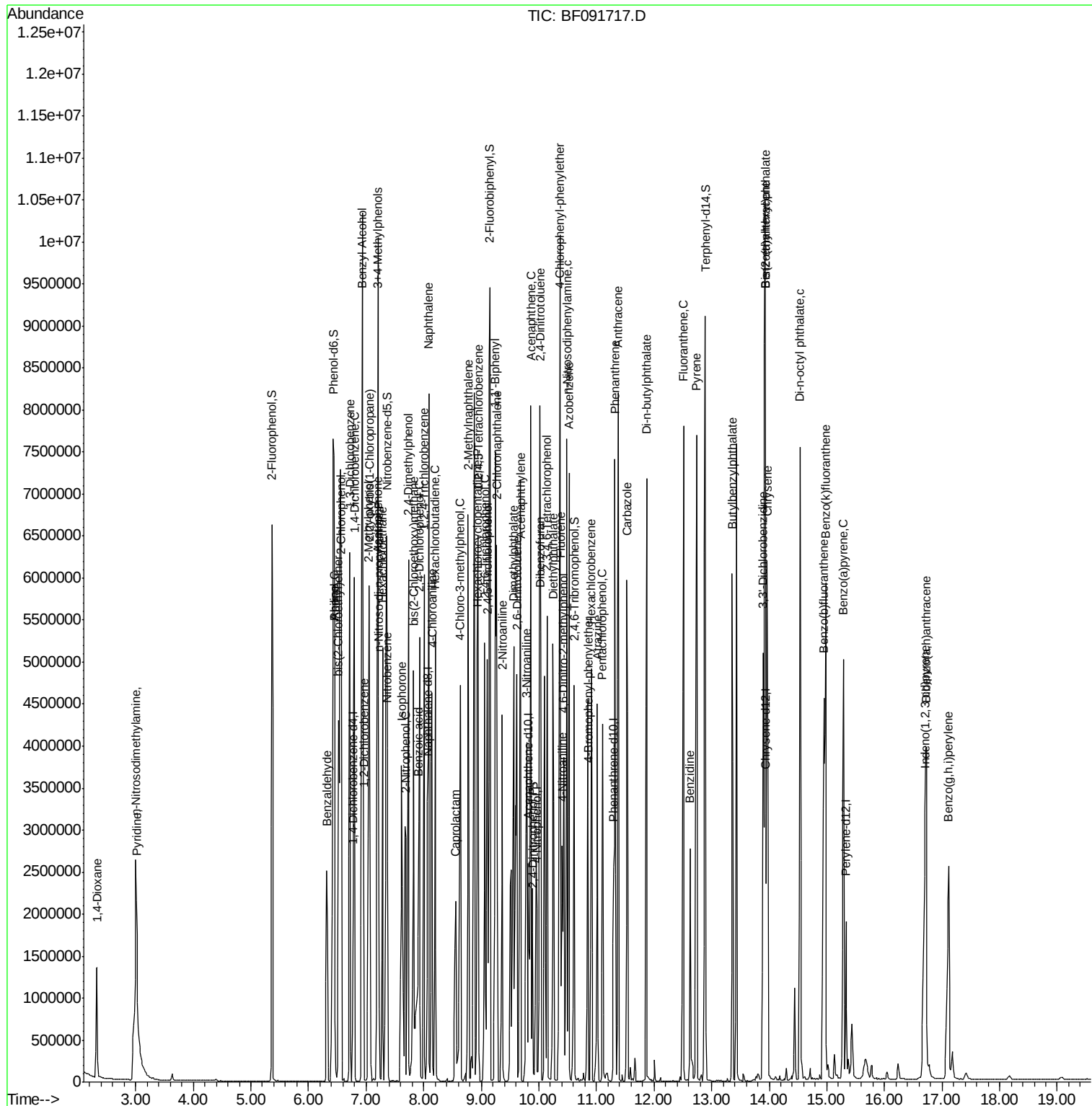
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Operator  : UM/SJ  
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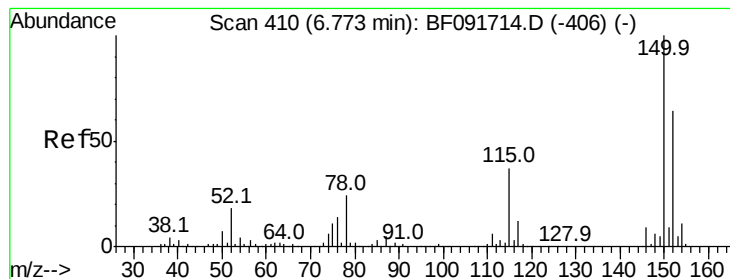
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

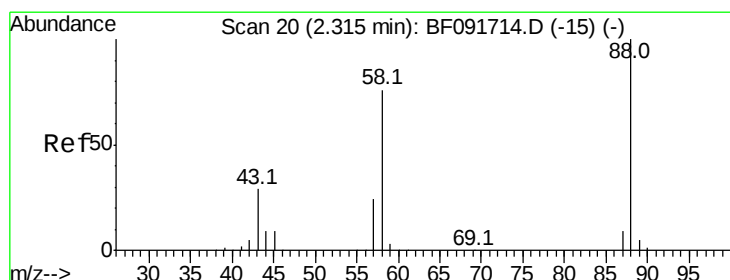
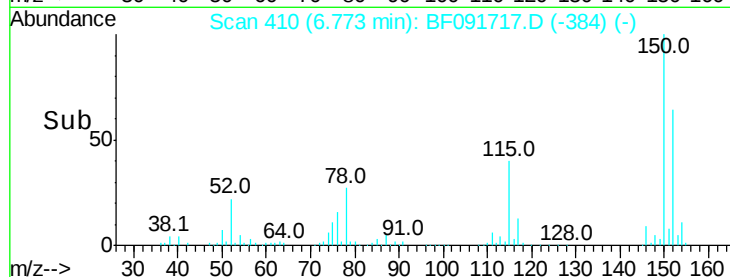
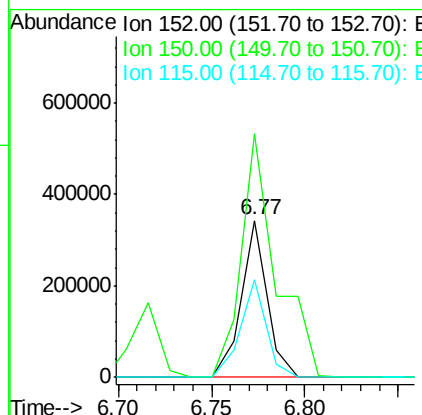
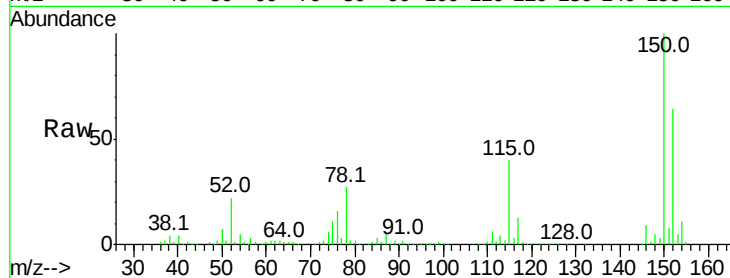
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	62.0	46.0	69.0

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#2

1,4-Dioxane

Concen: 78.15 ng

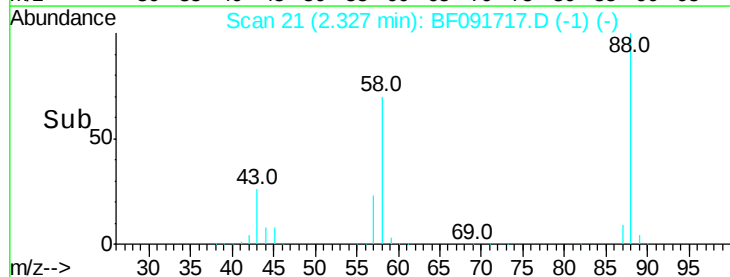
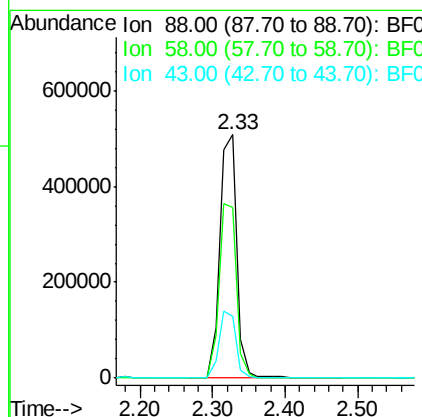
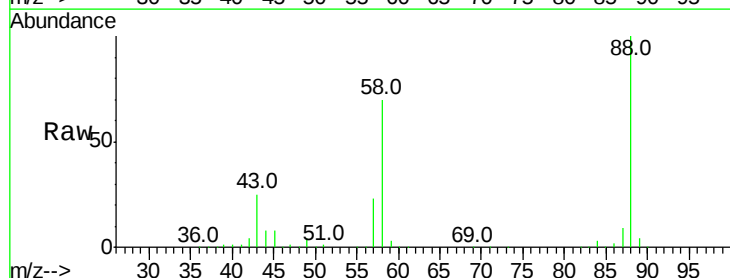
RT: 2.33 min Scan# 21

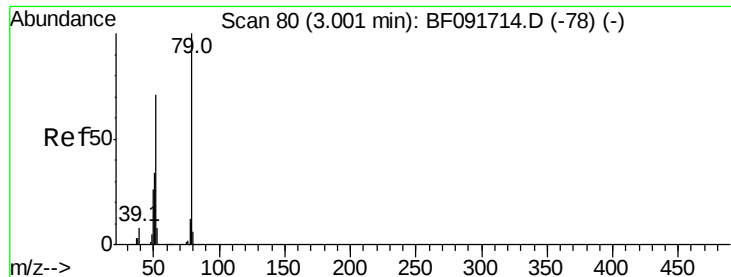
Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	57.8	86.8
43	27.5	22.3	33.5





#3

Pvridine

Concen: 83.75 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 2393766

Ion Ratio Lower Upper

79 100

52 69.5 57.1 85.7

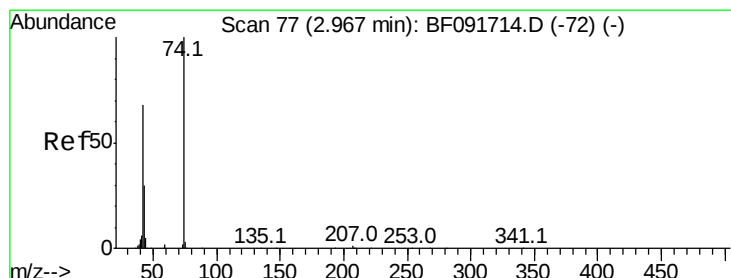
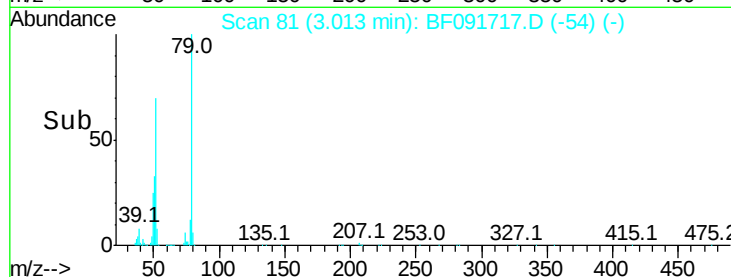
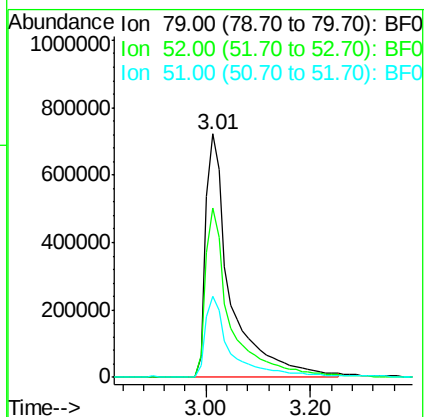
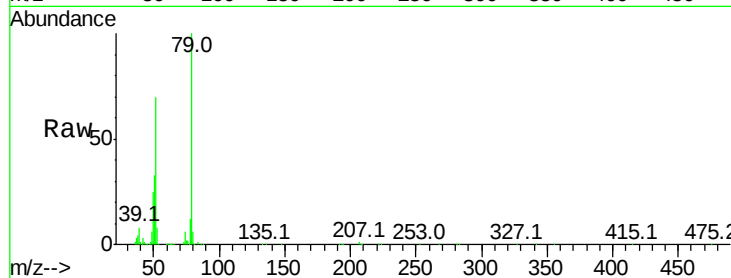
51 33.3 27.3 40.9

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#4

n-Nitrosodimethylamine

Concen: 78.75 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

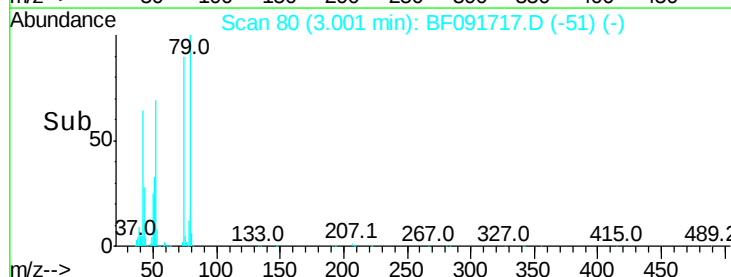
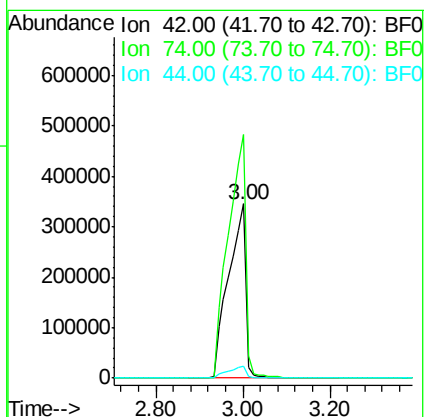
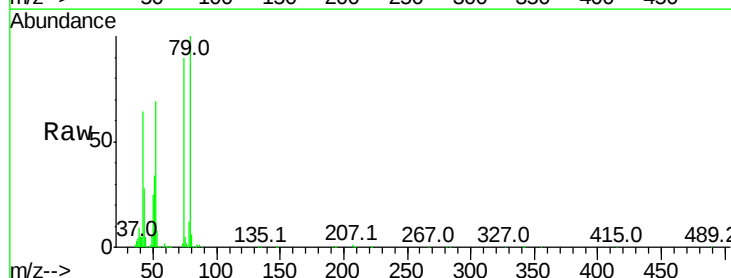
Tgt Ion: 42 Resp: 951006

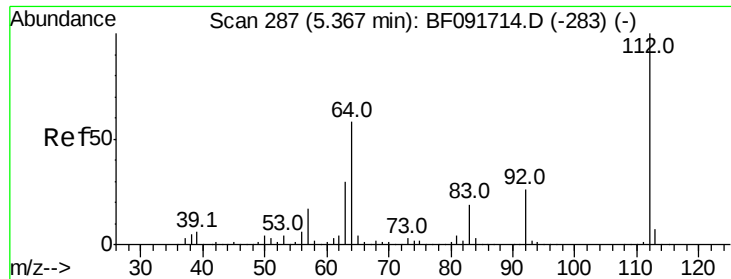
Ion Ratio Lower Upper

42 100

74 139.9 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 143.15 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 2840333

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

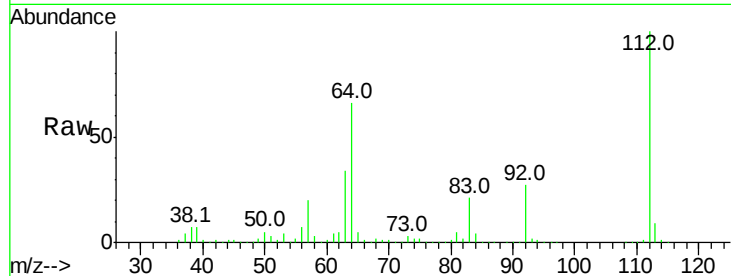
63 34.0 23.8 35.6

Manual Integrations

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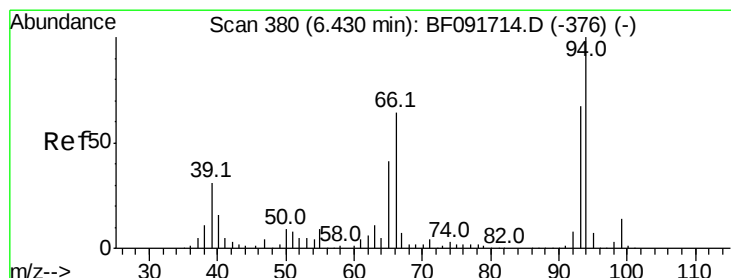
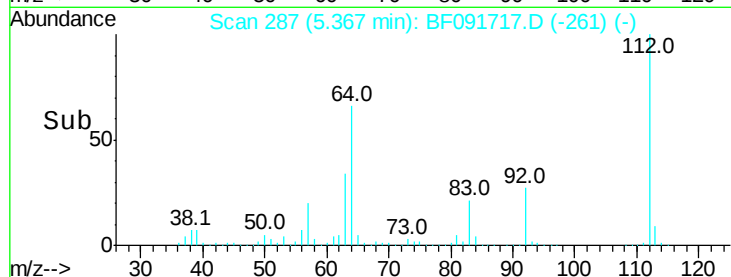
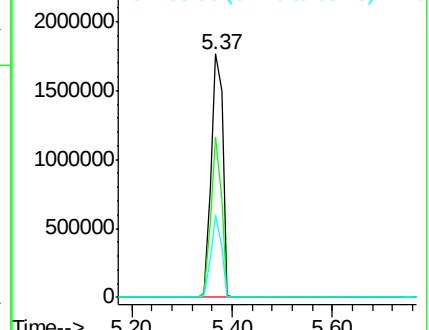
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 66.53 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.02 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

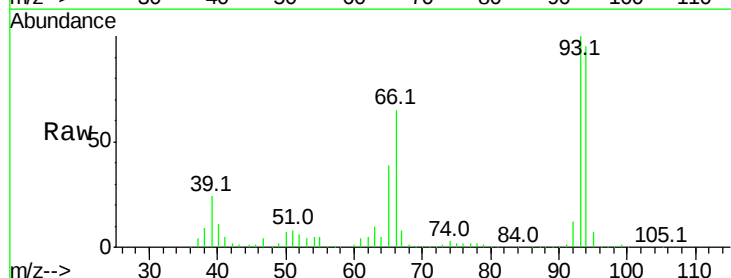
Tgt Ion: 93 Resp: 2155731

Ion Ratio Lower Upper

93 100

66 64.6 76.2 114.2#

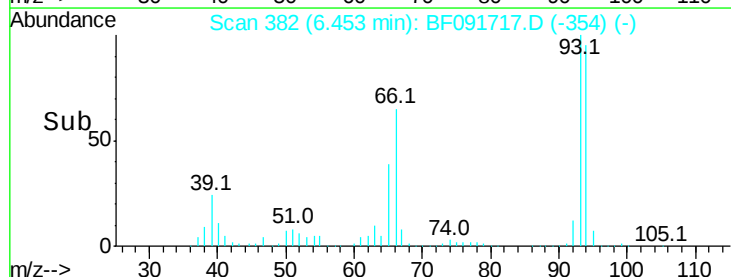
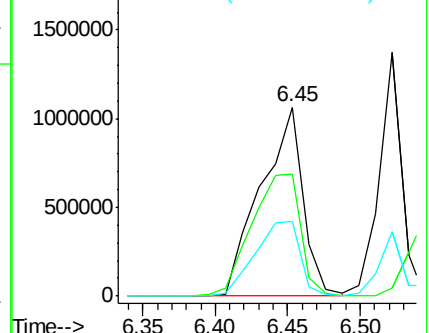
65 39.2 49.3 73.9#

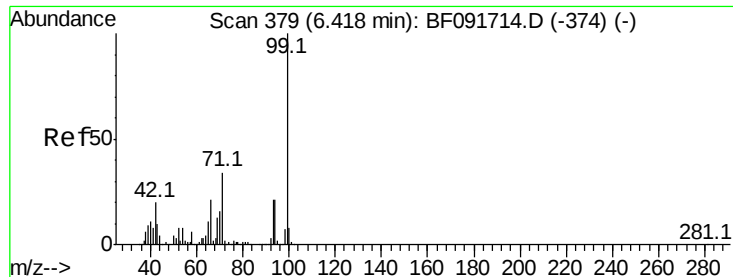


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.02 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 3326531

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

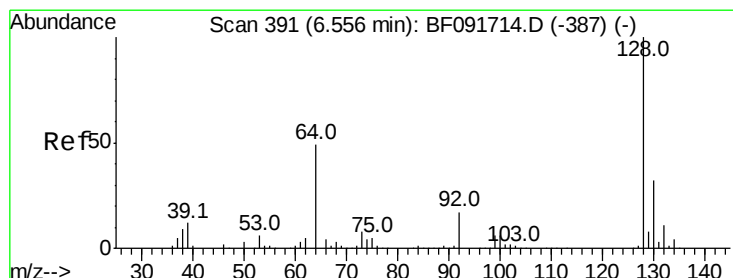
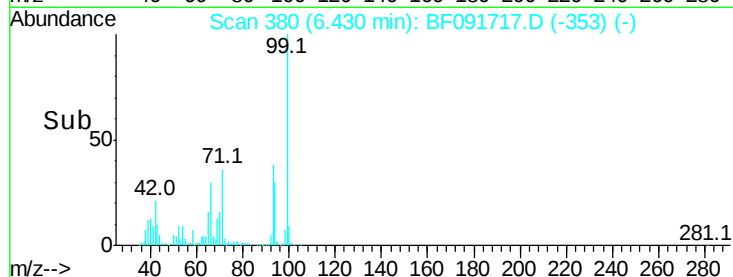
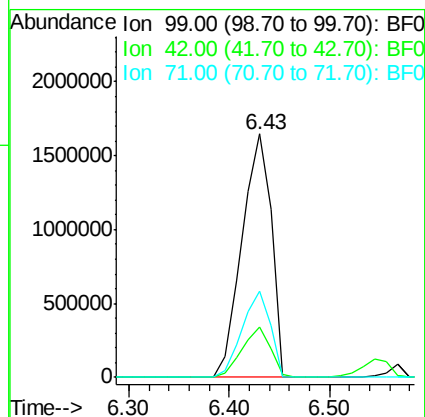
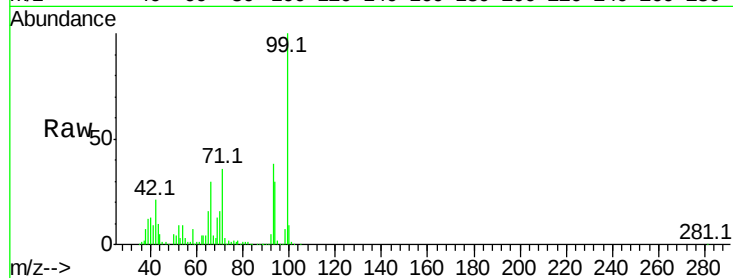
71 35.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 65.70 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

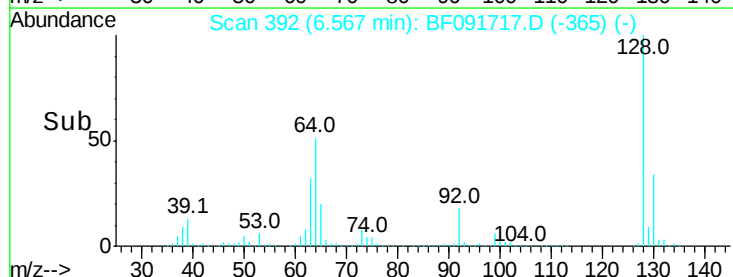
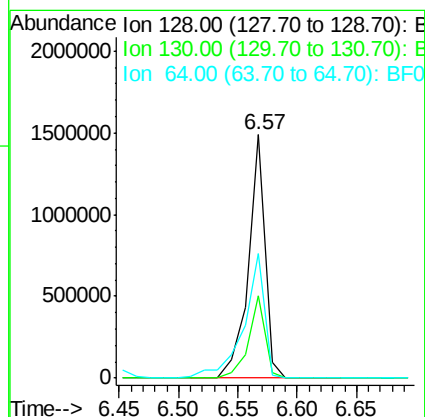
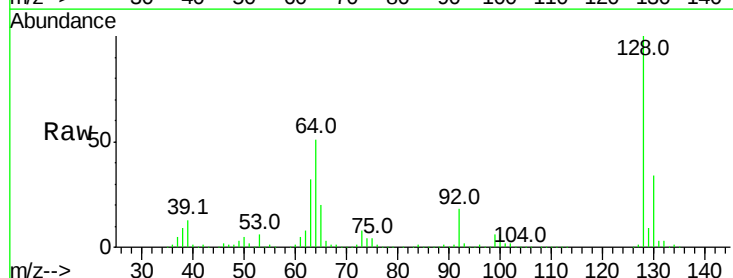
Tgt Ion: 128 Resp: 1461543

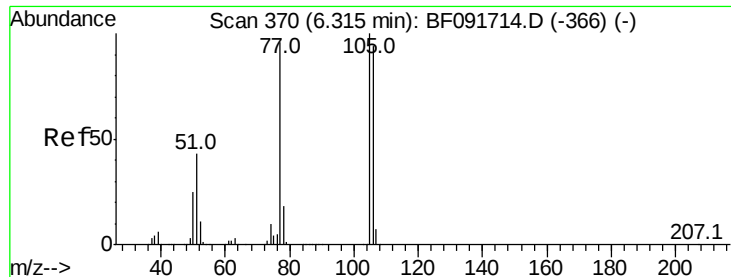
Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 51.4 32.2 72.2





#9

Benzaldehyde

Concen: 50.64 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

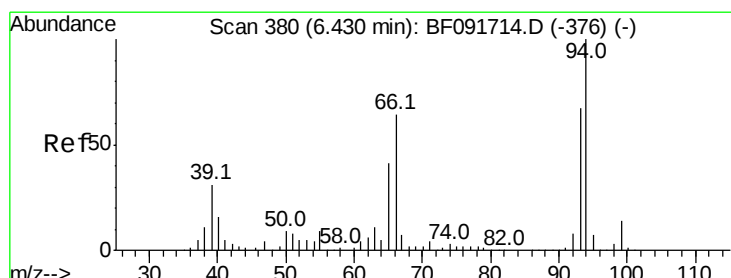
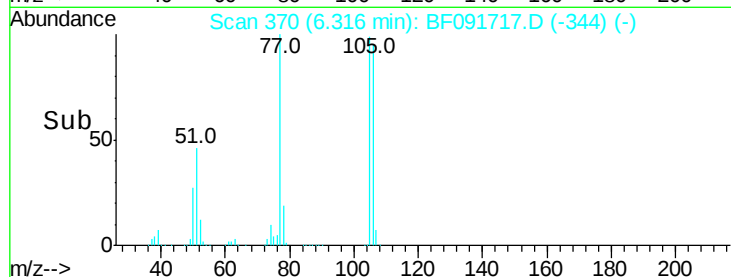
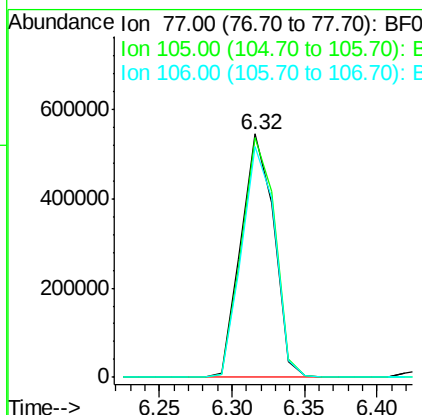
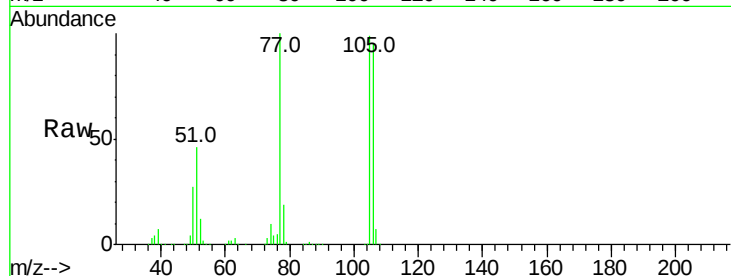
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.6	83.9	123.9
106	94.9	77.6	117.6

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#10

Phenol

Concen: 62.29 ng

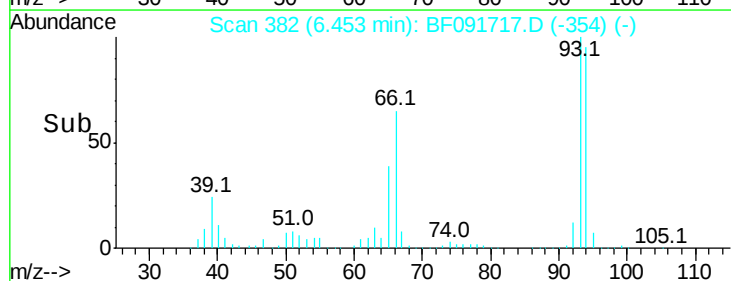
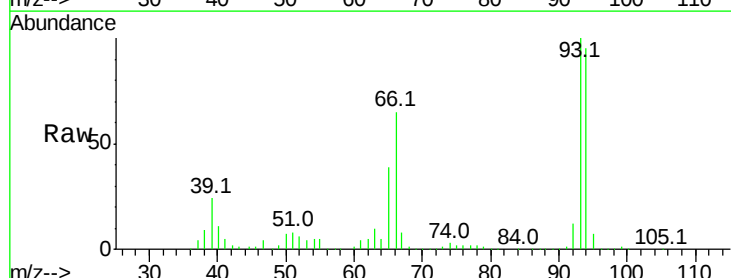
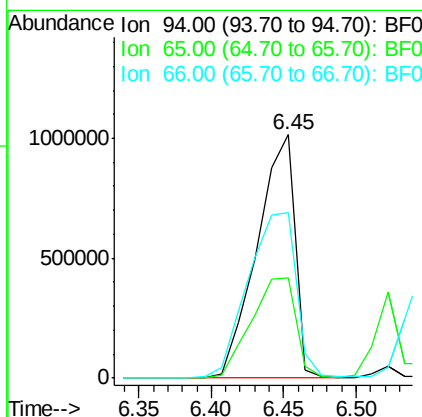
RT: 6.45 min Scan# 382

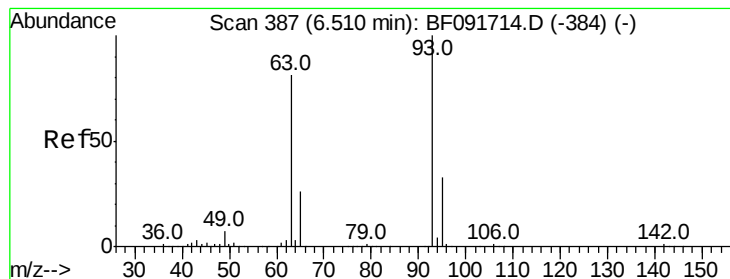
Delta R.T. 0.02 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.1	21.4	61.4
66	67.7	44.0	84.0





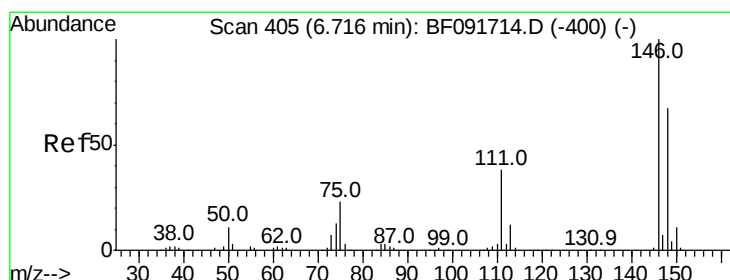
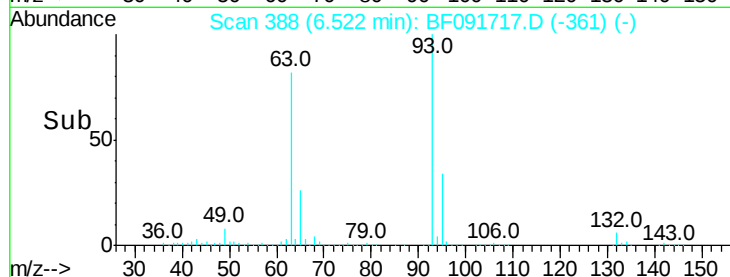
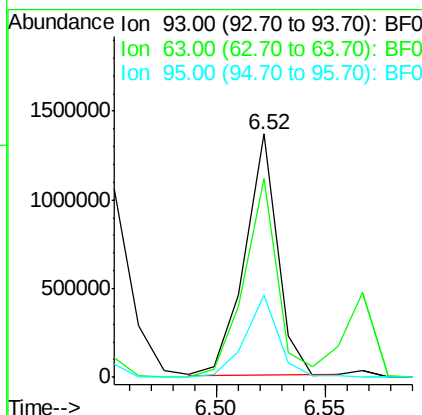
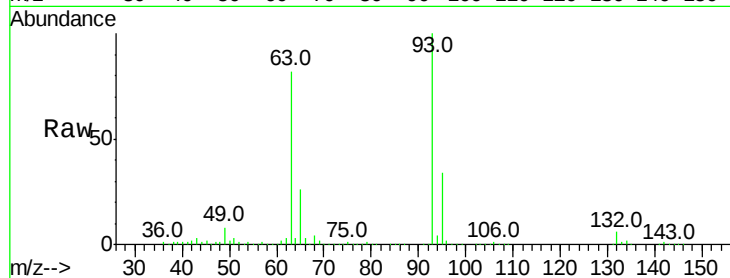
#11
bis(2-Chloroethyl)ether
Concen: 66.33 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 93 Resp: 1427395
Ion Ratio Lower Upper
93 100
63 81.9 60.4 100.4
95 33.7 12.8 52.8

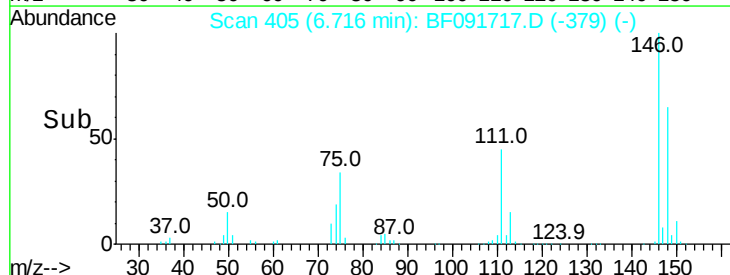
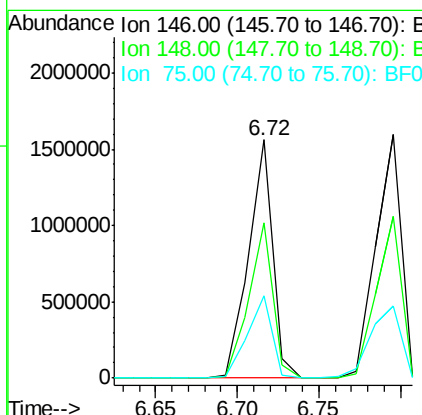
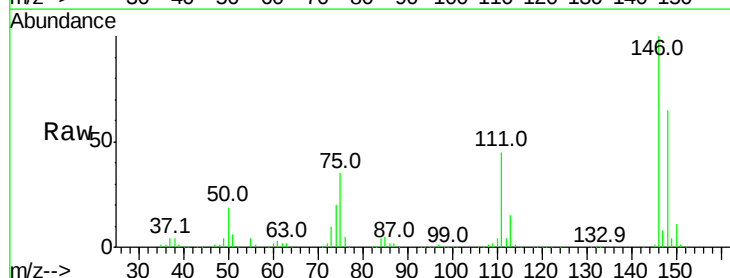
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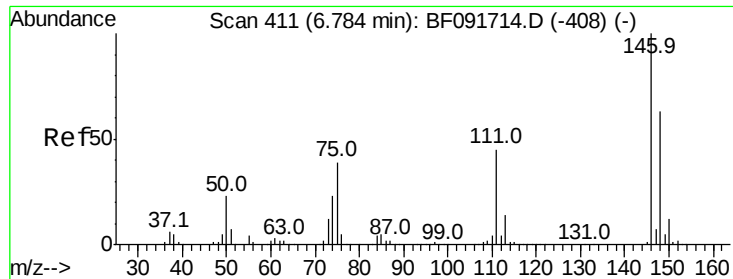
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#12
1,3-Dichlorobenzene
Concen: 65.47 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion: 146 Resp: 1603076
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.0
75 34.7 18.5 27.7#





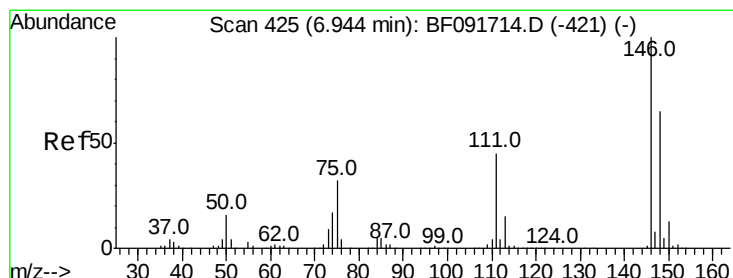
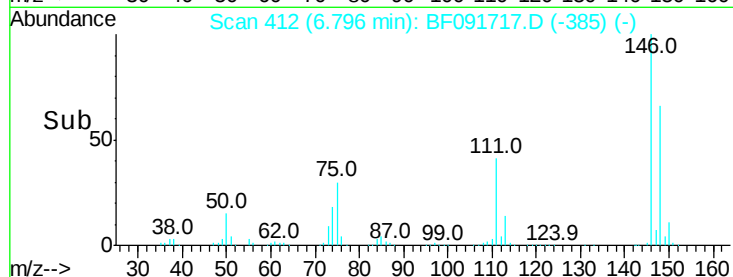
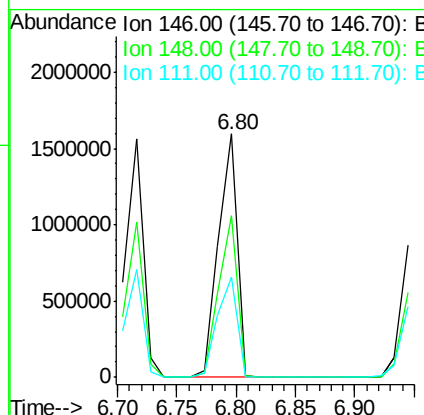
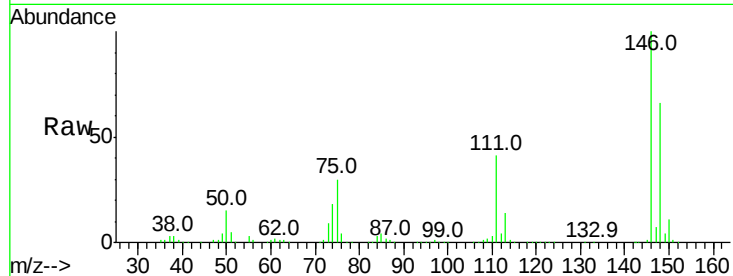
#13
 1,4-Dichlorobenzene
 Concen: 71.66 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:146 Resp: 1728394
 Ion Ratio Lower Upper
 146 100
 148 66.3 50.6 76.0
 111 41.4 36.2 54.4

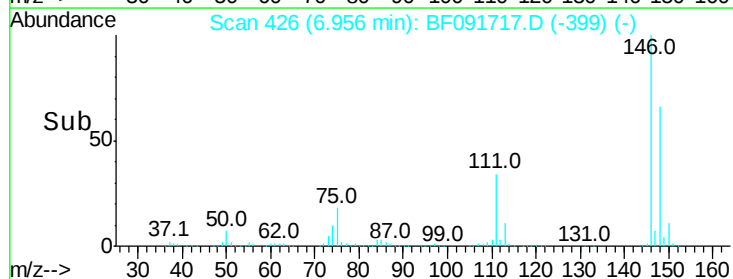
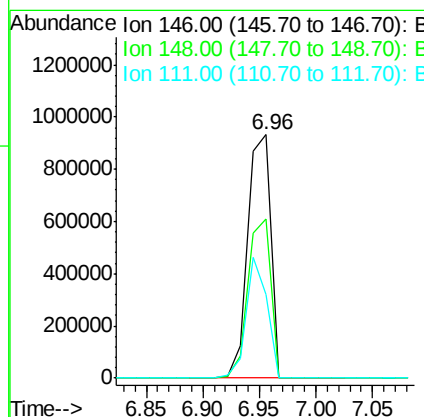
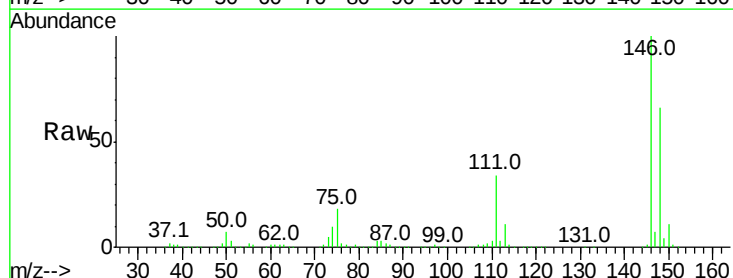
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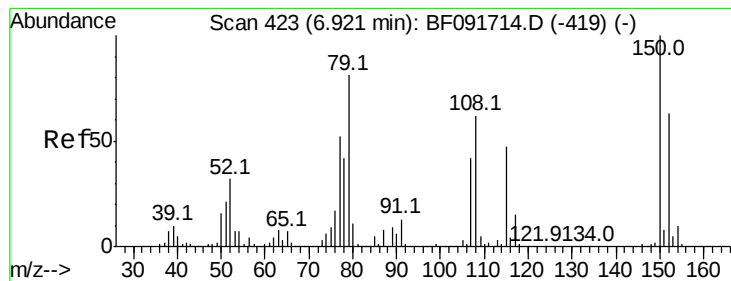
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#14
 1,2-Dichlorobenzene
 Concen: 61.34 ng m
 RT: 6.96 min Scan# 426
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion:146 Resp: 1327198
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 34.5 36.2 54.2#





#15

Benzyl Alcohol

Concen: 60.24 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1180006

Ion Ratio Lower Upper

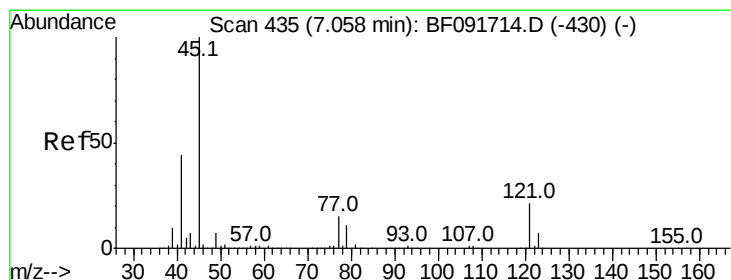
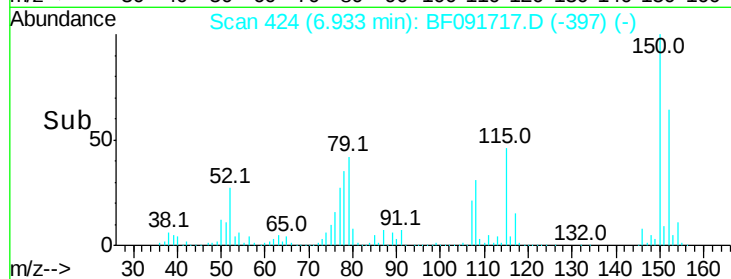
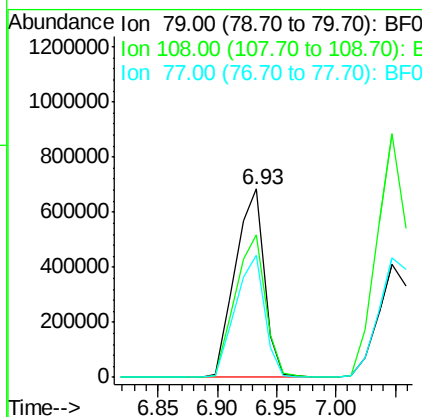
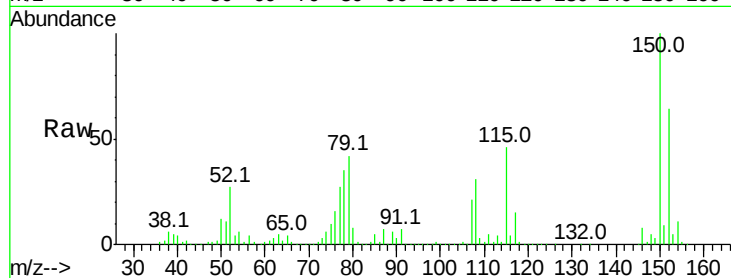
79 100

108 75.5 61.4 92.0

77 65.1 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.52 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

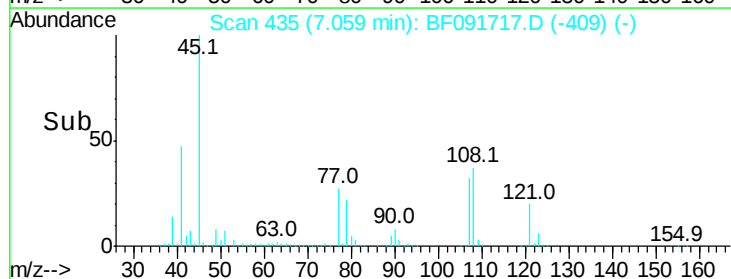
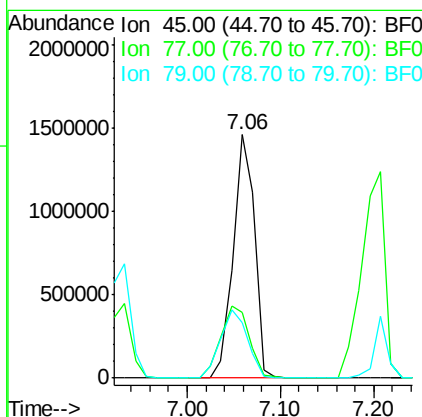
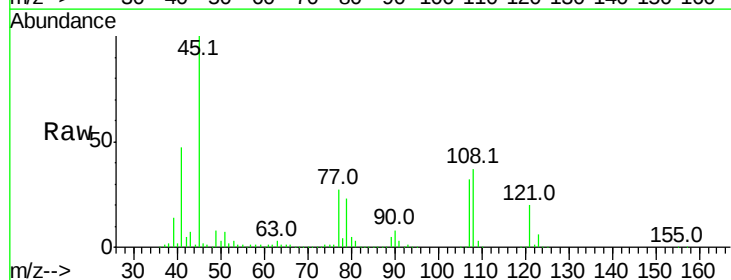
Tgt Ion: 45 Resp: 2327867

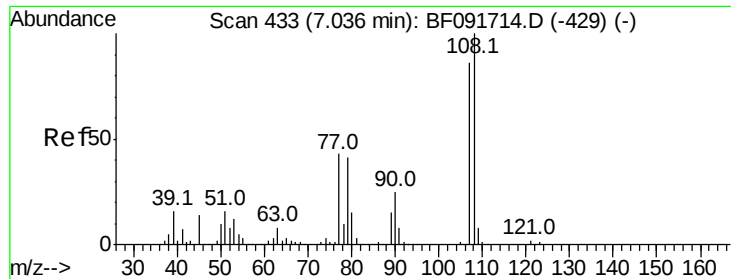
Ion Ratio Lower Upper

45 100

77 26.8 0.0 34.6

79 22.7 0.0 31.2





#17

2-Methylphenol

Concen: 69.92 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:107 Resp: 1290639

Ion Ratio Lower Upper

107 100

108 117.1 93.0 139.6

77 57.8 39.8 59.8

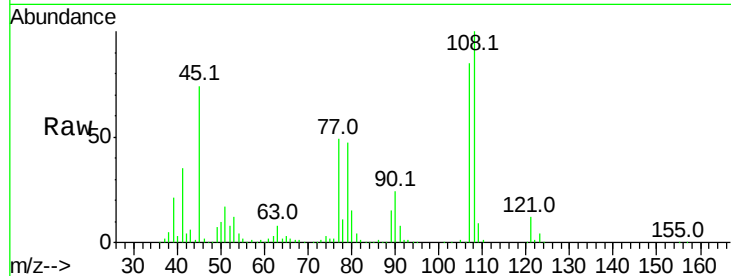
79 54.6 38.0 57.0

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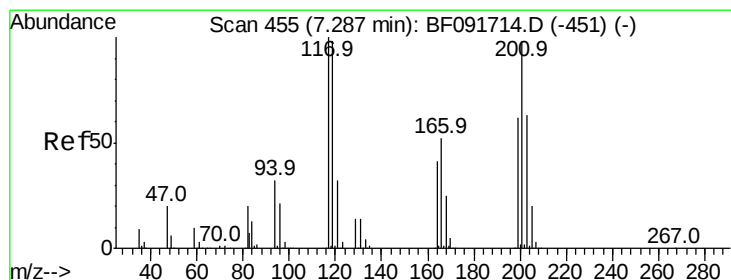
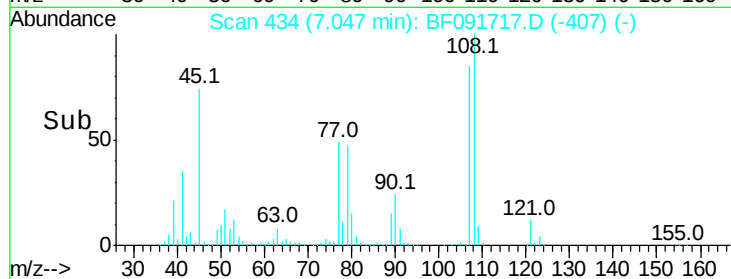
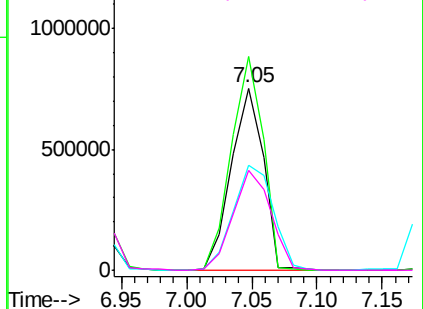


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 67.47 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

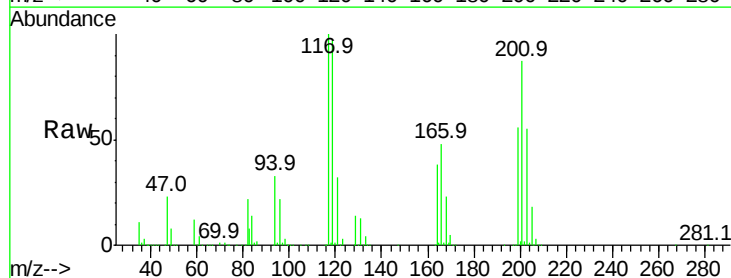
Tgt Ion:117 Resp: 631759

Ion Ratio Lower Upper

117 100

119 96.5 78.1 117.1

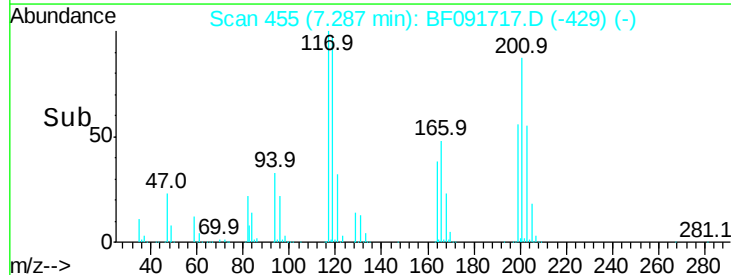
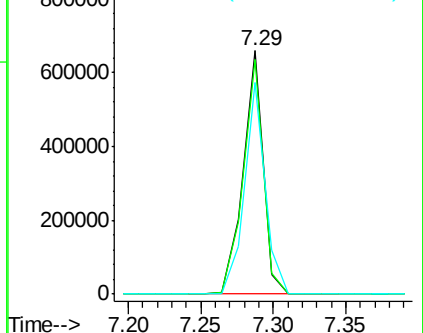
201 86.8 78.6 117.8

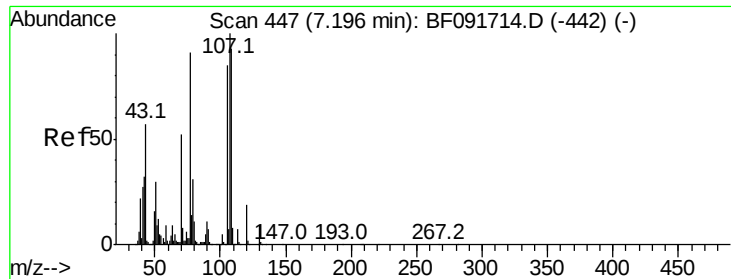


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





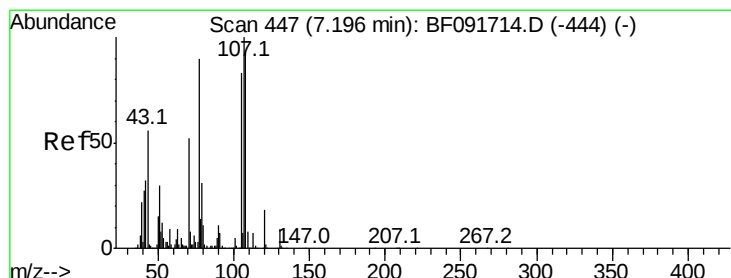
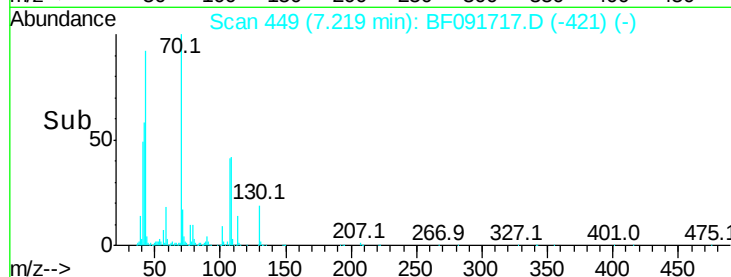
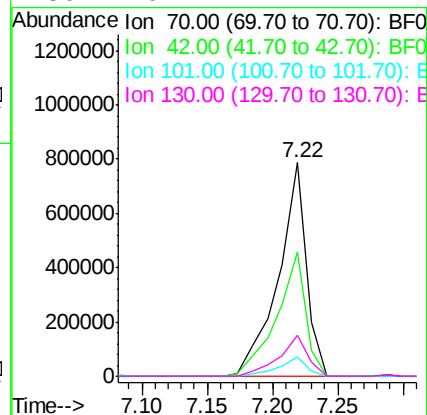
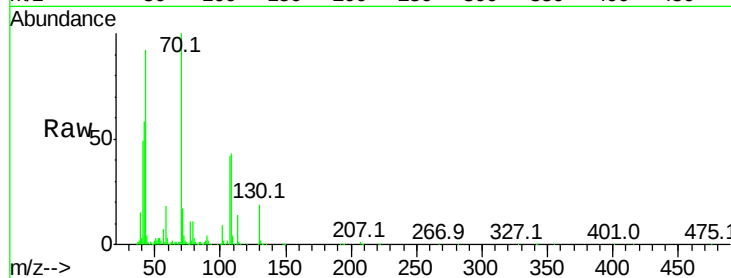
#19
n-Nitroso-di-n-propylamine
Concen: 77.24 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.02 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 70 Resp: 1191216
Ion Ratio Lower Upper
70 100
42 58.2 49.4 74.0
101 9.0 7.4 11.2
130 19.2 14.2 21.4

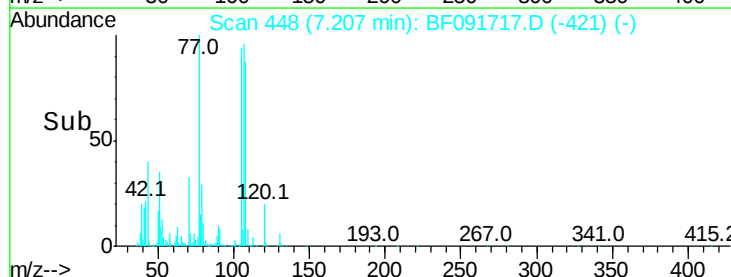
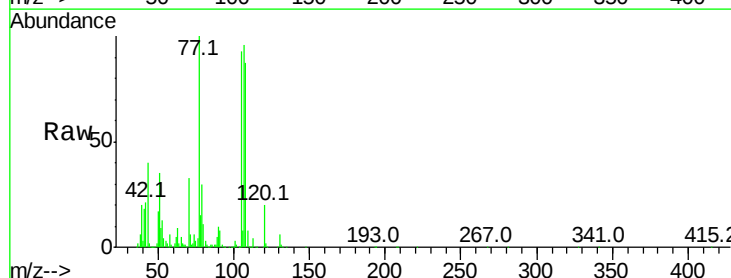
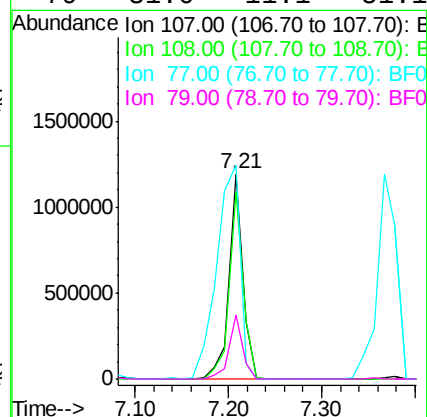
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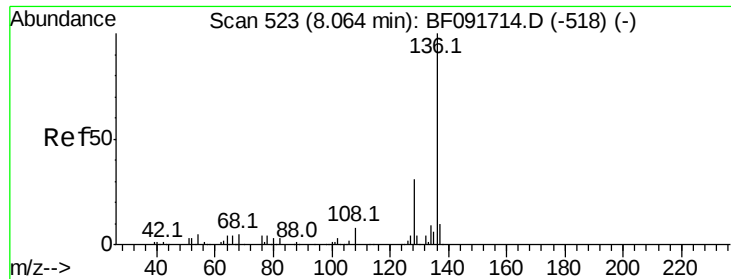
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#20
3+4-Methylphenols
Concen: 53.69 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion: 107 Resp: 1229898
Ion Ratio Lower Upper
107 100
108 91.2 73.0 113.0
77 104.2 71.3 111.3
79 31.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:136 Resp: 1370694

Ion Ratio Lower Upper

136 100

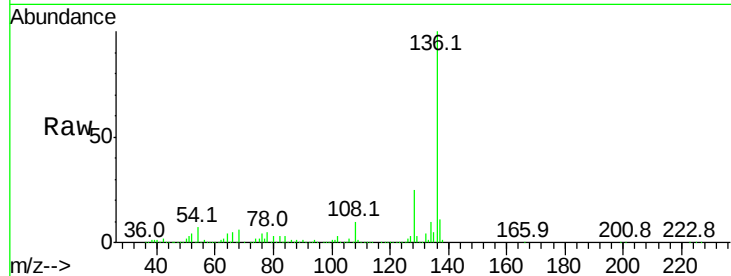
137 11.2 8.4 12.6

54 7.2 4.5 6.7#

68 5.5 3.6 5.4#

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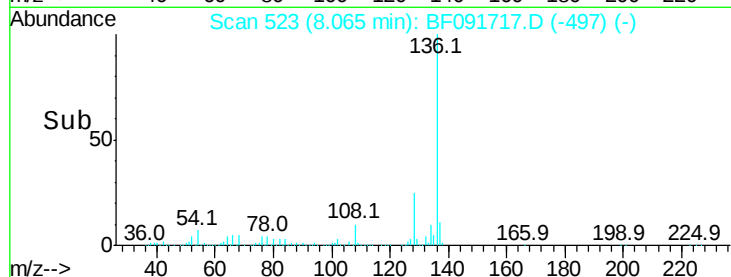


Abundance Ion 136.00 (135.70 to 136.70): E

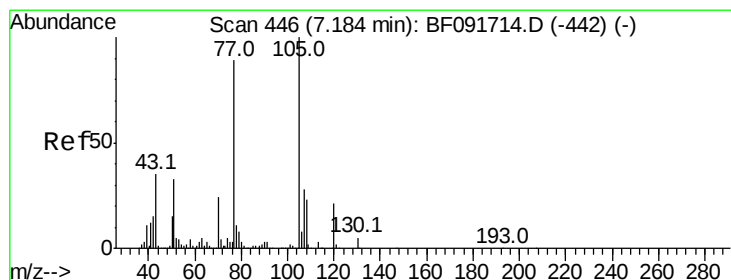
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 69.29 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Tgt Ion:105 Resp: 2296404

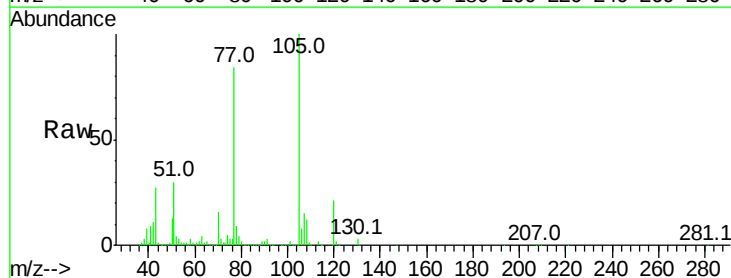
Ion Ratio Lower Upper

105 100

71 2.7 3.2 4.8#

51 30.5 26.2 39.4

120 21.0 16.6 24.8

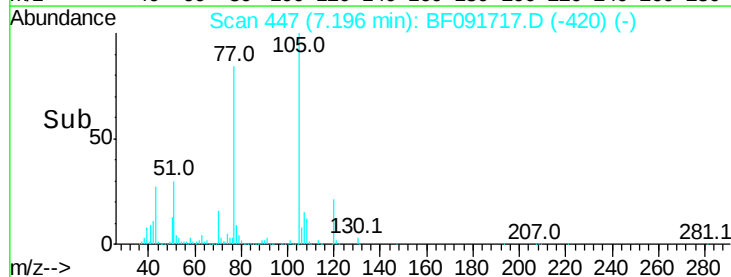


Abundance Ion 105.00 (104.70 to 105.70): E

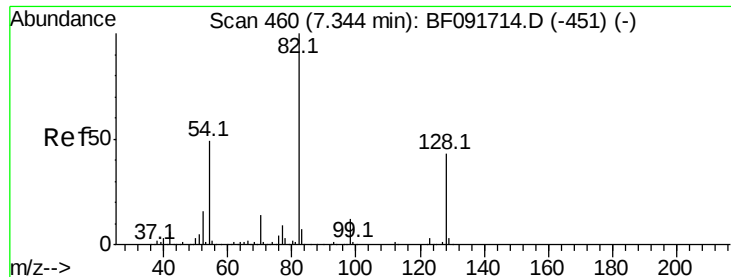
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



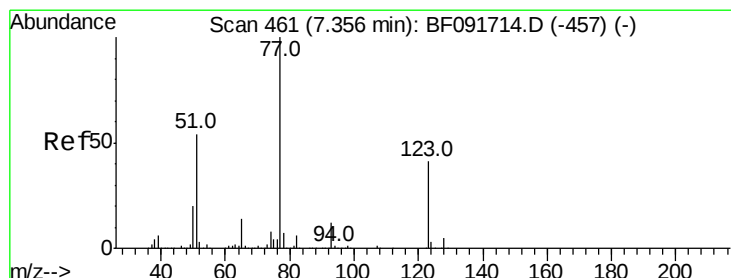
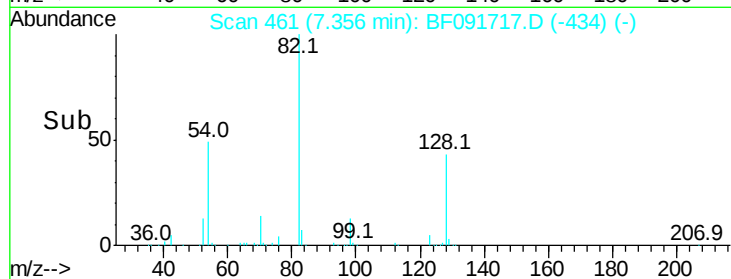
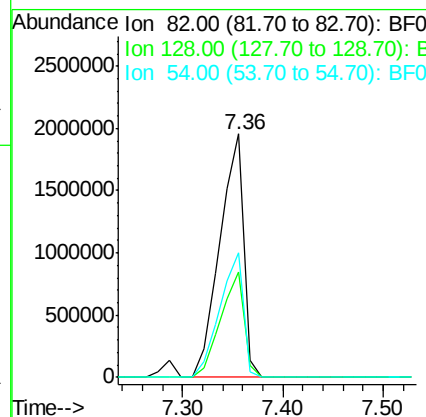
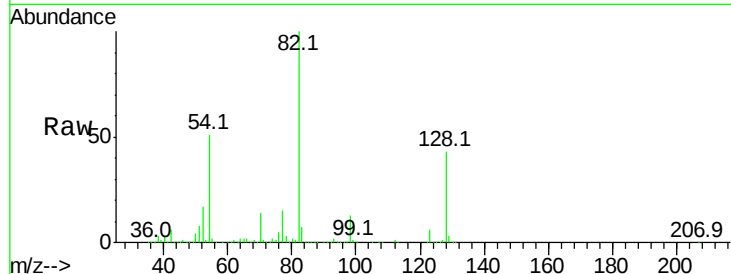
#23
 Nitrobenzene-d5
 Concen: 129.25 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	51.0	39.5	59.3

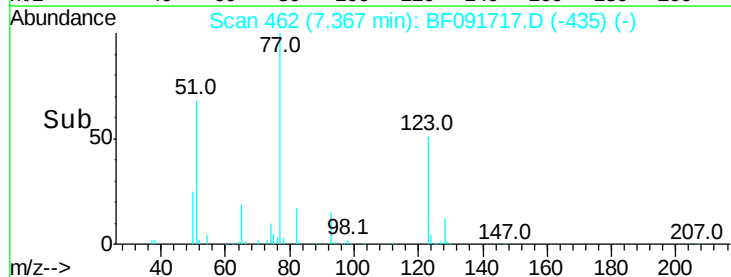
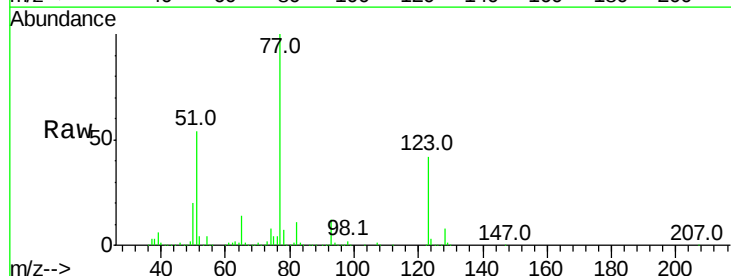
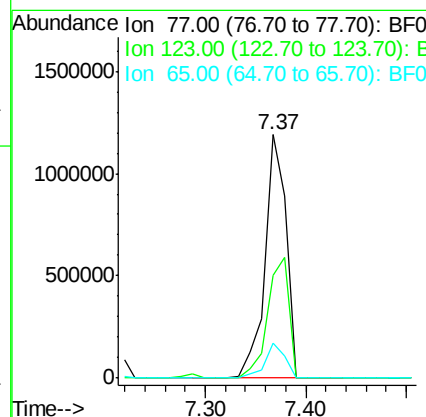
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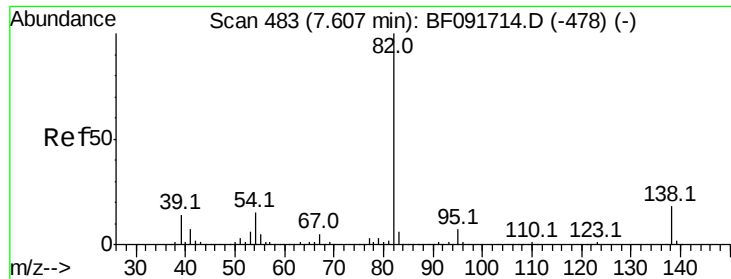
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#24
 Nitrobenzene
 Concen: 67.35 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 75.85 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 3367991

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

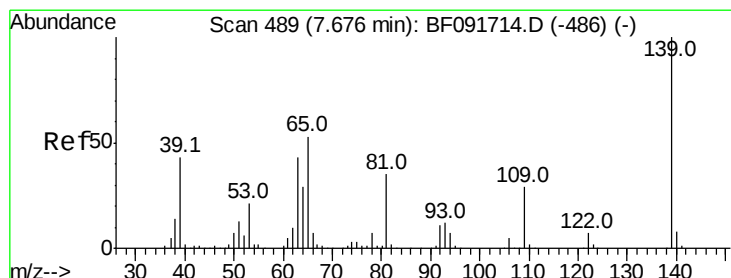
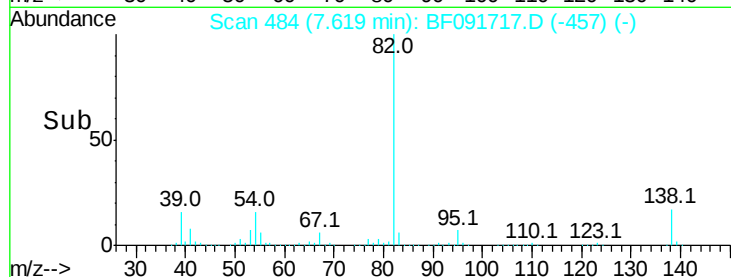
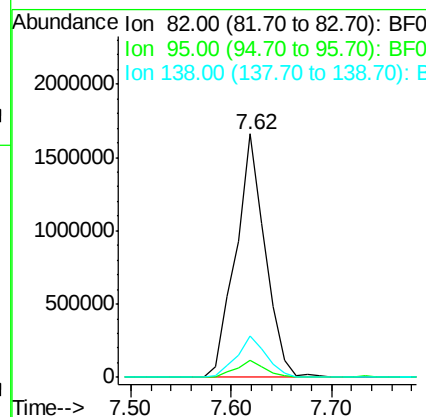
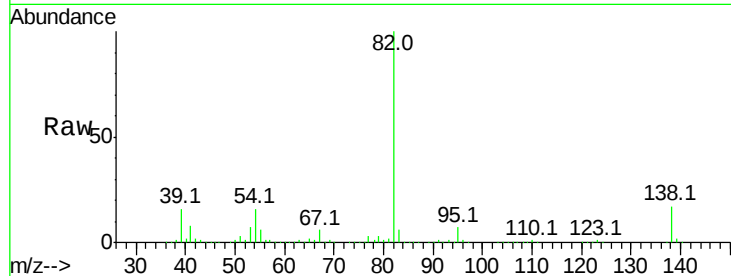
138 17.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 84.08 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

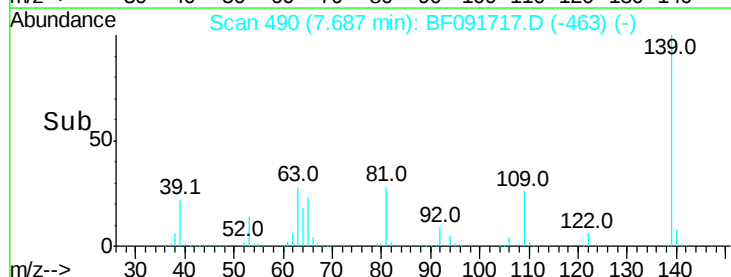
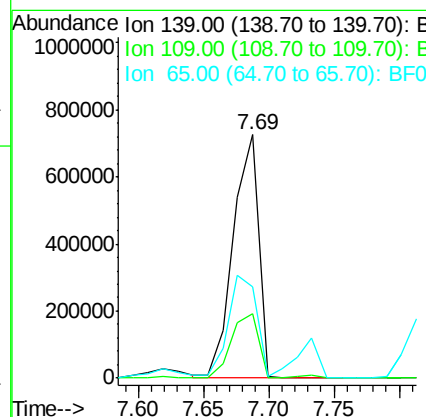
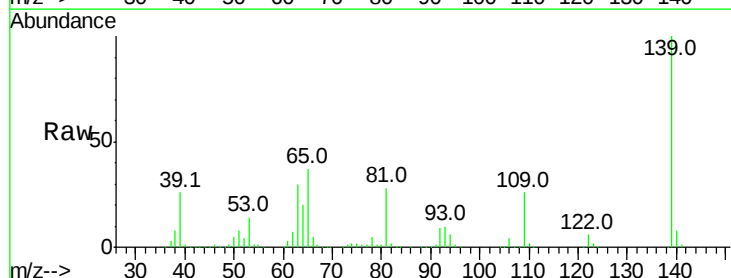
Tgt Ion: 139 Resp: 974764

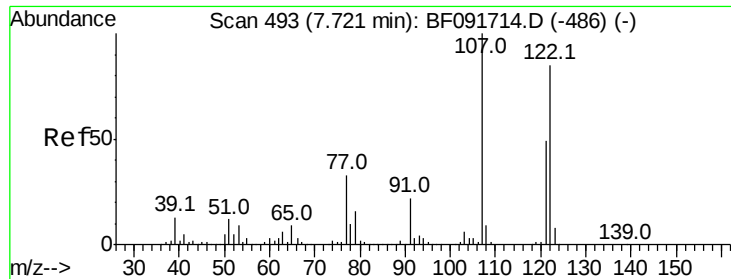
Ion Ratio Lower Upper

139 100

109 26.2 23.3 34.9

65 37.4 42.7 64.1#





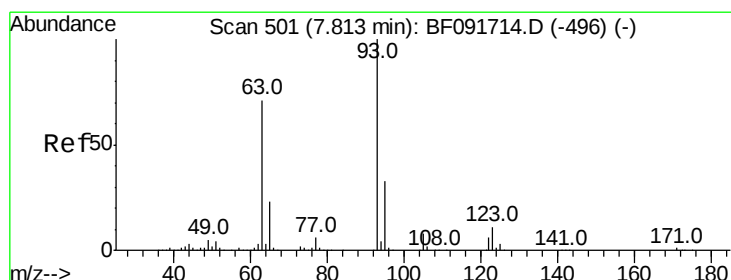
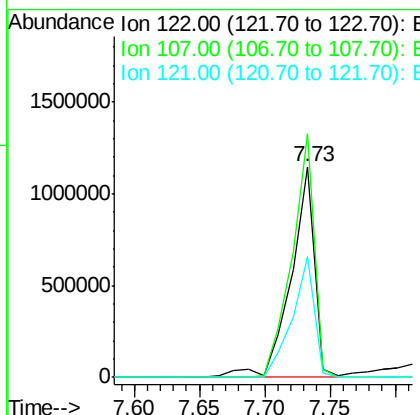
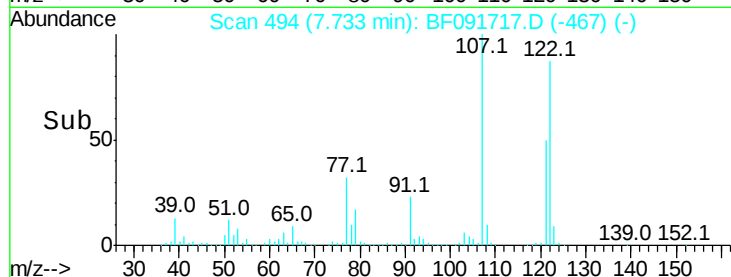
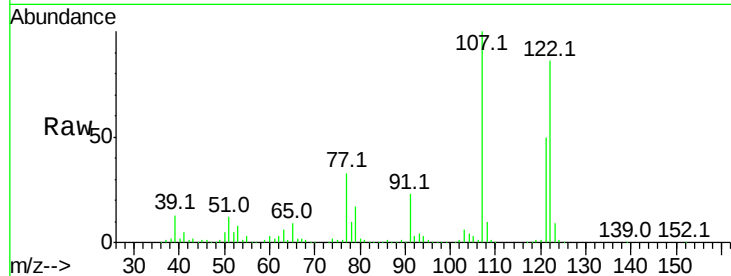
#27
2,4-Dimethylphenol
Concen: 71.23 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:122 Resp: 1455345
Ion Ratio Lower Upper
122 100
107 115.6 94.1 141.1
121 57.5 46.0 69.0

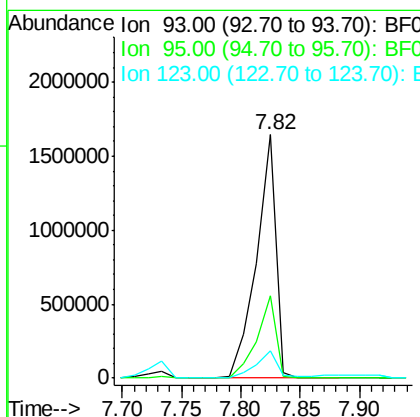
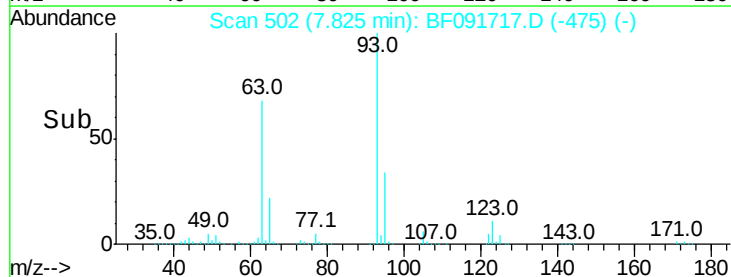
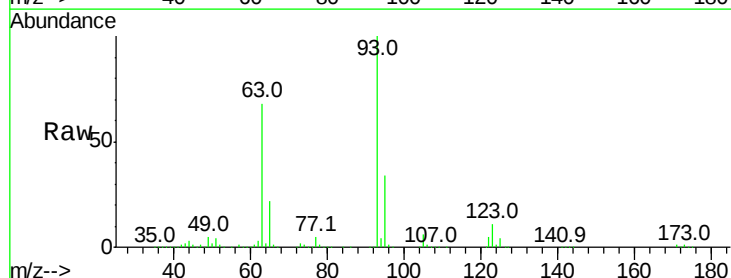
Manual Integrations
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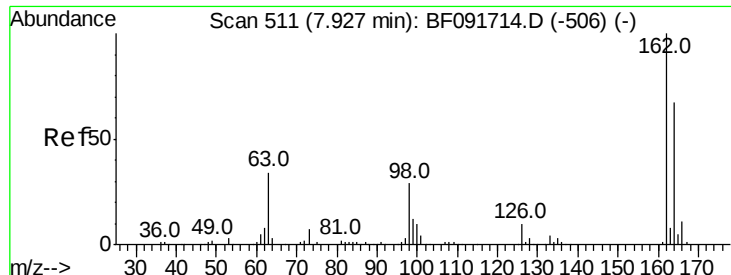
umangi
12/20/2016 11:40:27 AM



#28
bis(2-Chloroethoxy)methane
Concen: 74.37 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion: 93 Resp: 1900504
Ion Ratio Lower Upper
93 100
95 33.6 26.5 39.7
123 11.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 66.23 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:162 Resp: 1168087

Ion Ratio Lower Upper

162 100

164 63.9 46.8 86.8

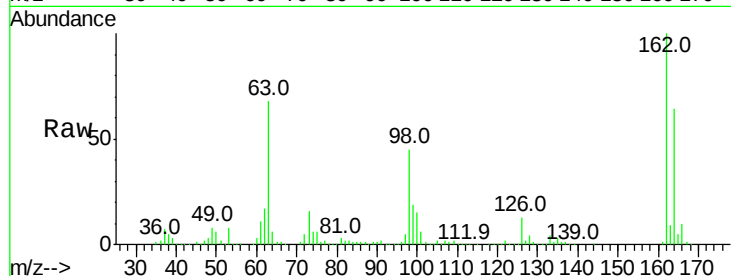
98 44.7 9.1 49.1

Manual Integrations

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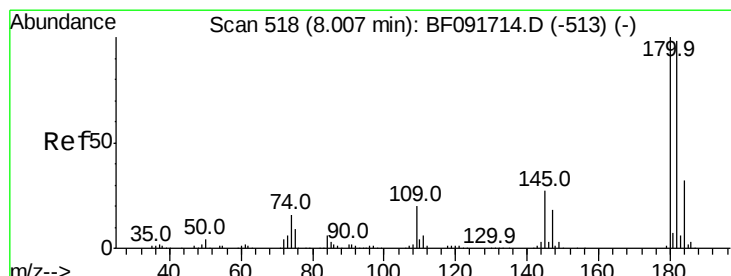
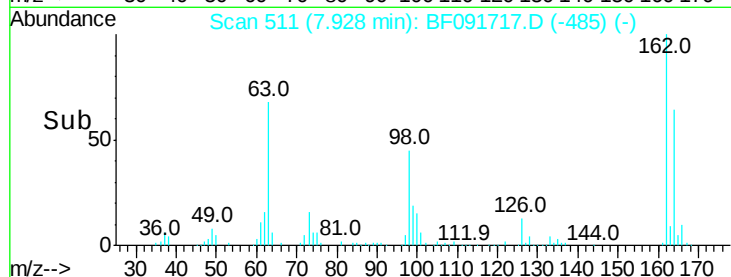
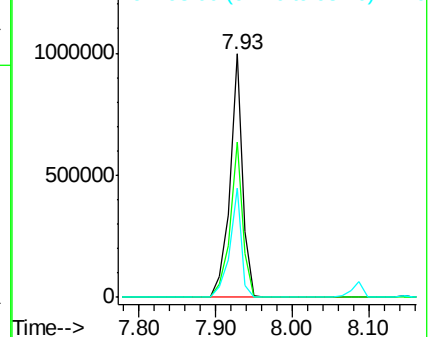
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 65.18 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

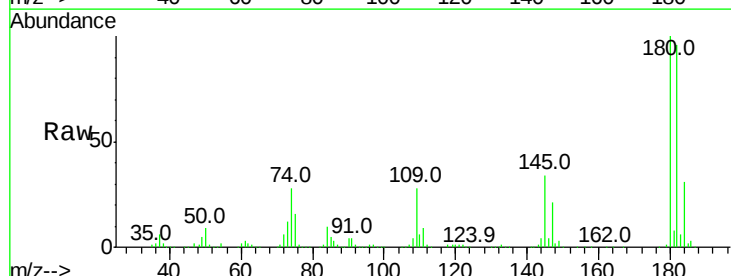
Tgt Ion:180 Resp: 1312577

Ion Ratio Lower Upper

180 100

182 95.7 78.2 117.4

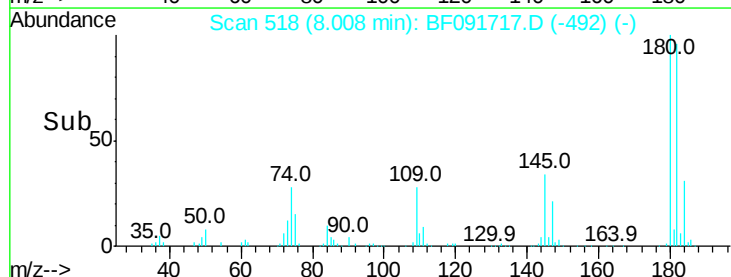
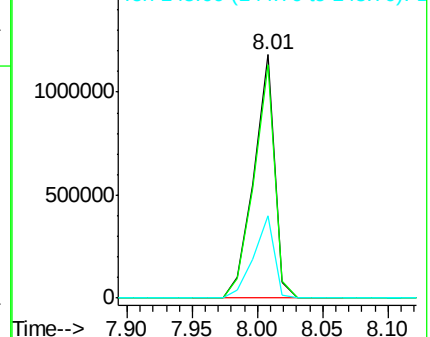
145 33.8 21.6 32.4#

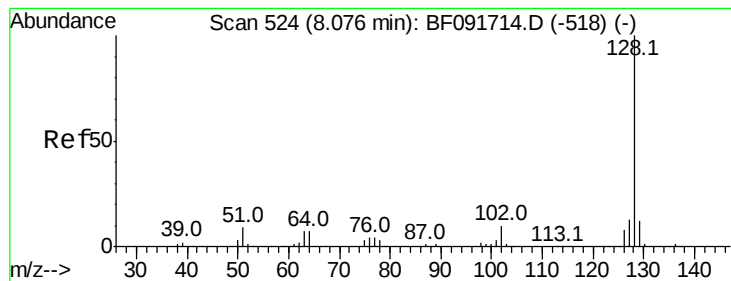


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 62.52 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 4034687

Ion Ratio Lower Upper

128 100

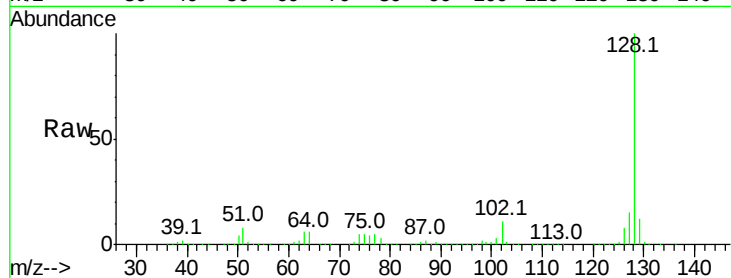
129 12.5 9.5 14.3

127 14.7 10.8 16.2

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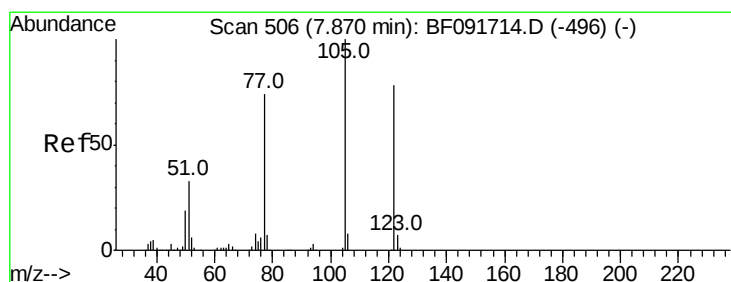
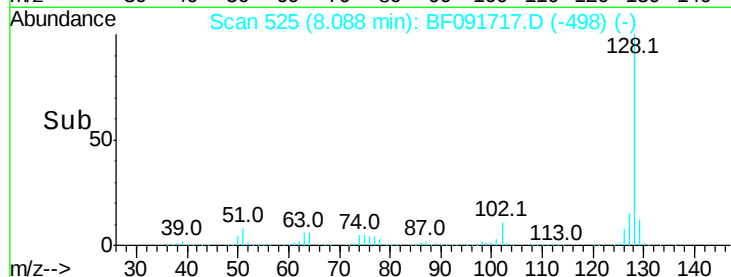
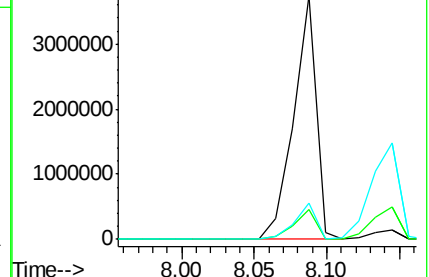
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 86.03 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.05 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

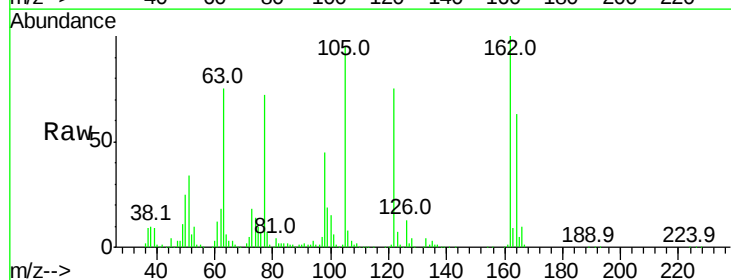
Tgt Ion:122 Resp: 1199157

Ion Ratio Lower Upper

122 100

105 126.5 107.2 147.2

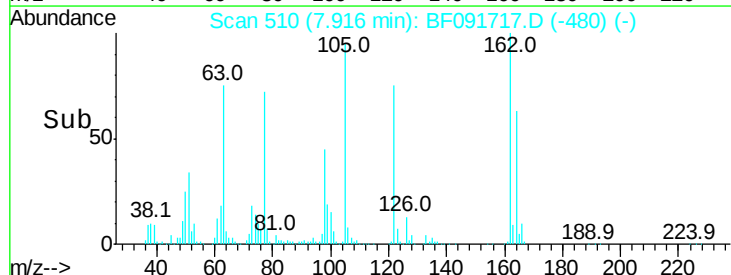
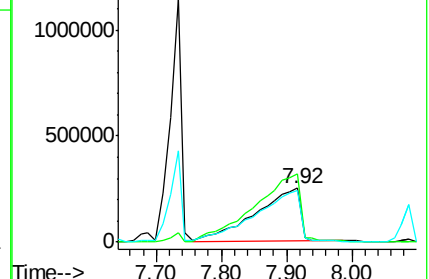
77 95.7 74.5 114.5

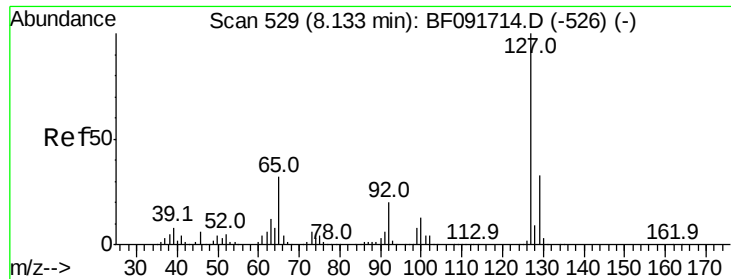


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





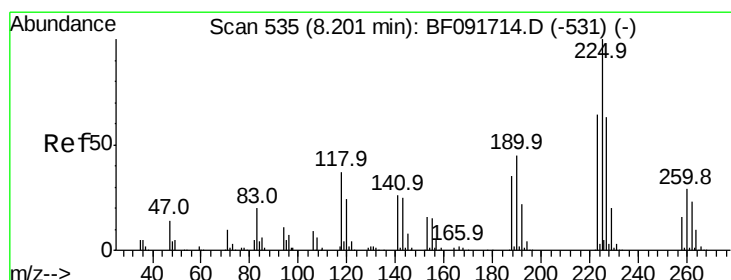
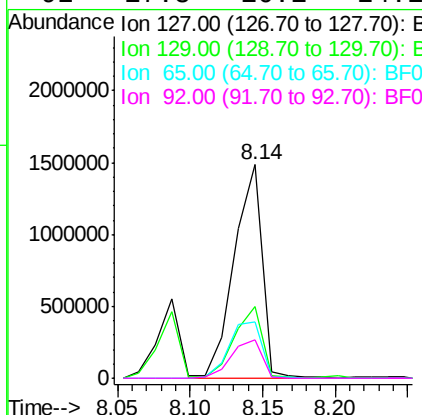
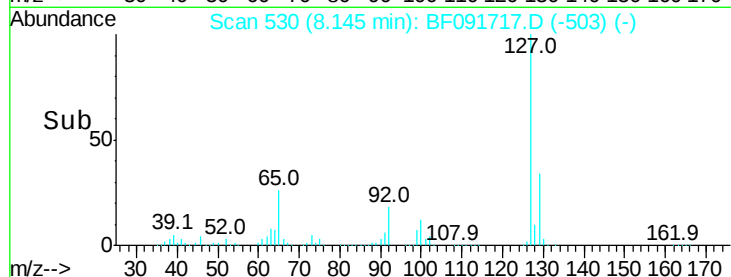
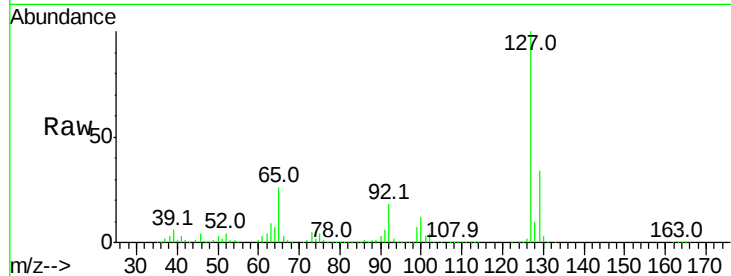
#33
4-Chloroaniline
Concen: 71.37 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.9	26.3	39.5	
65	26.2	25.8	38.8	
92	17.8	16.1	24.1	

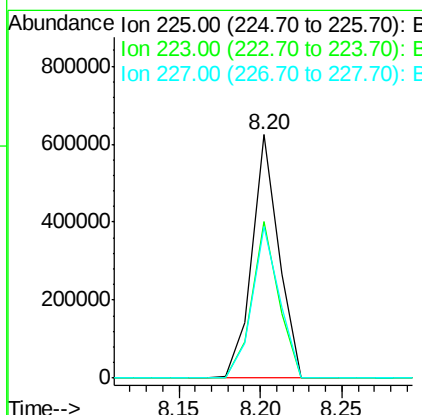
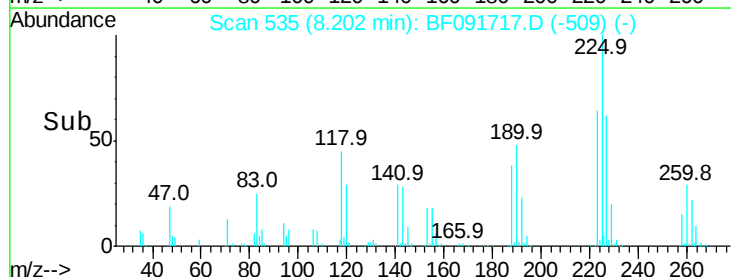
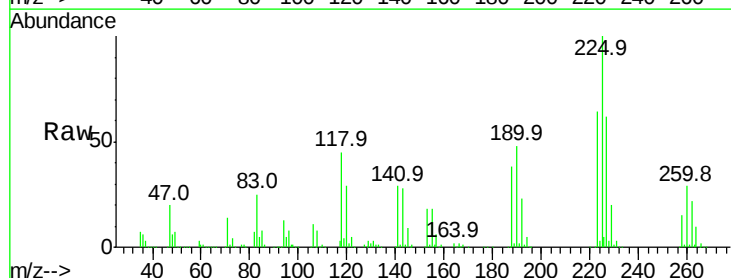
Manual Integrations
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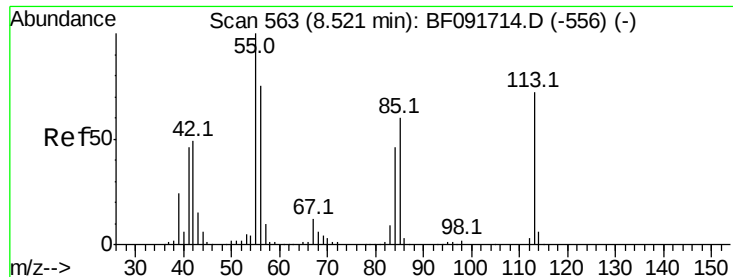
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#34
Hexachlorobutadiene
Concen: 62.35 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.3	51.0	76.6	
227	62.4	50.6	76.0	





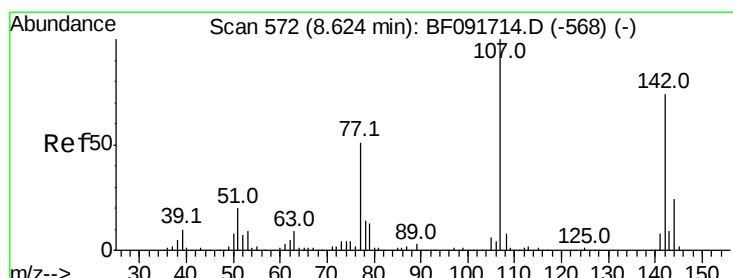
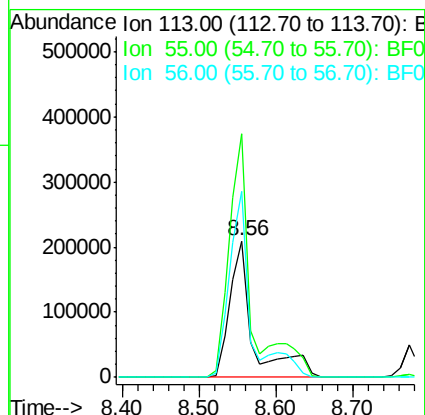
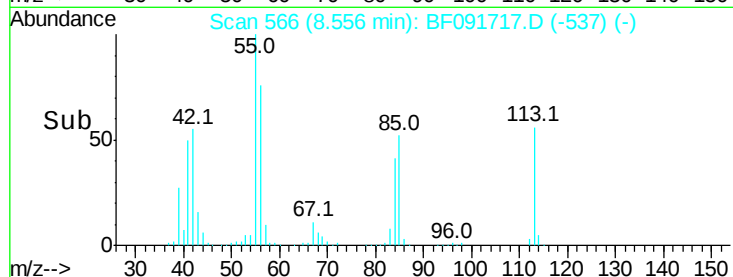
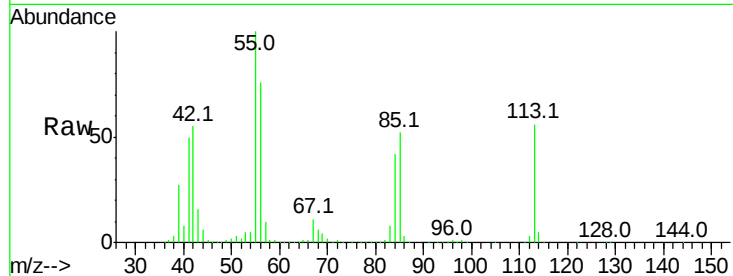
#35
Caprolactam
Concen: 83.63 ng/ml
RT: 8.56 min Scan# 566
Delta R.T. 0.03 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:113 Resp: 449567
Ion Ratio Lower Upper
113 100
55 178.4 119.2 159.2#
56 135.9 83.8 123.8#

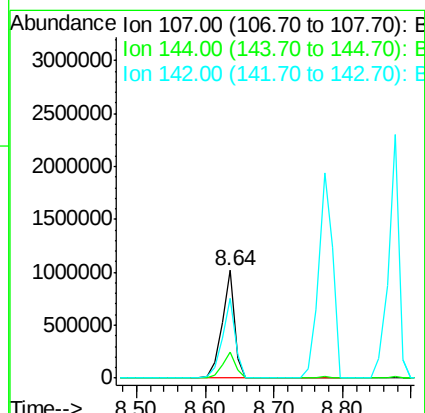
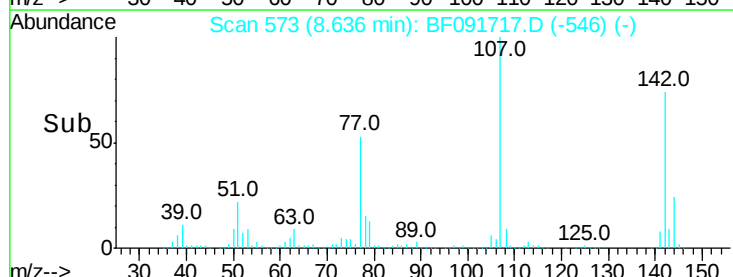
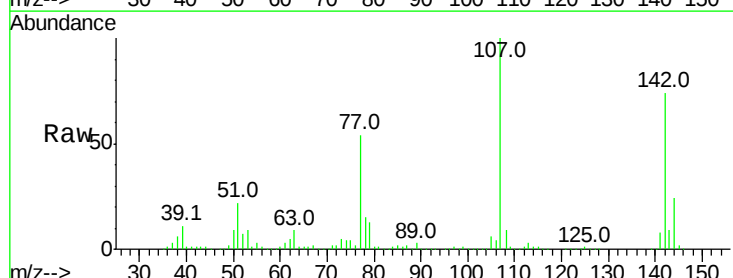
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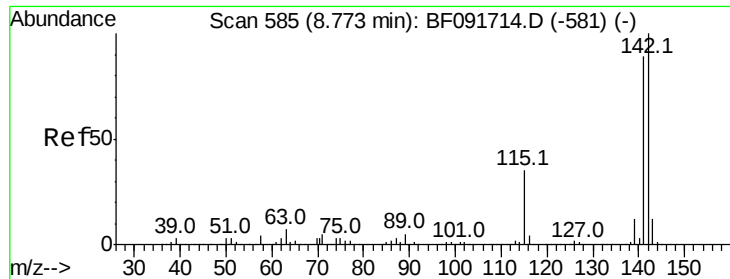
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#36
4-Chloro-3-methylphenol
Concen: 66.15 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion:107 Resp: 1310171
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 73.8 59.0 88.6





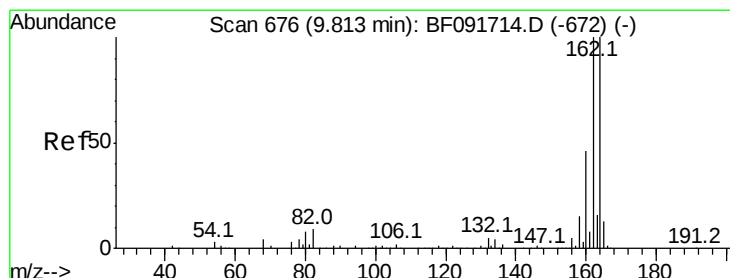
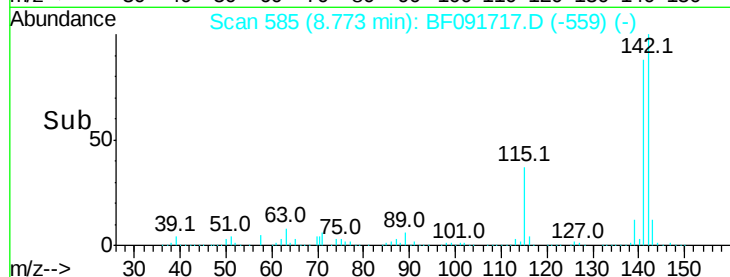
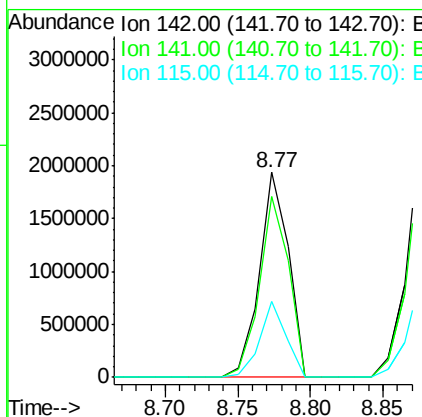
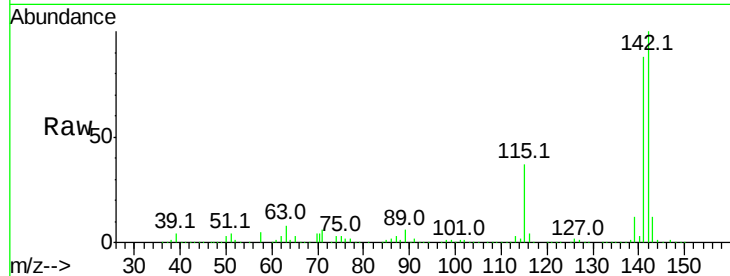
#37
2-Methylnaphthalene
Concen: 64.18 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 2683233
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 37.3 28.3 42.5

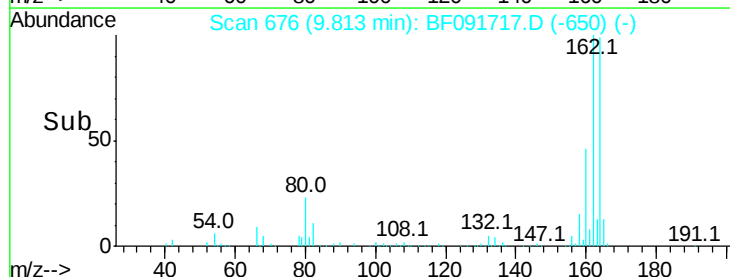
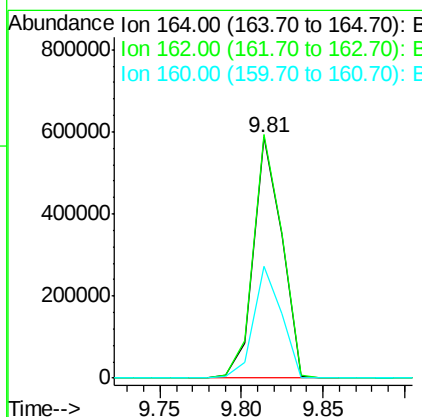
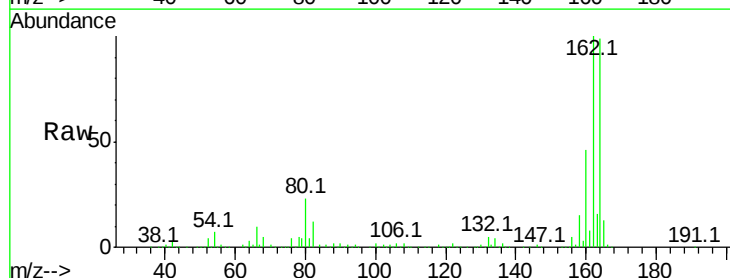
Manual Integrations
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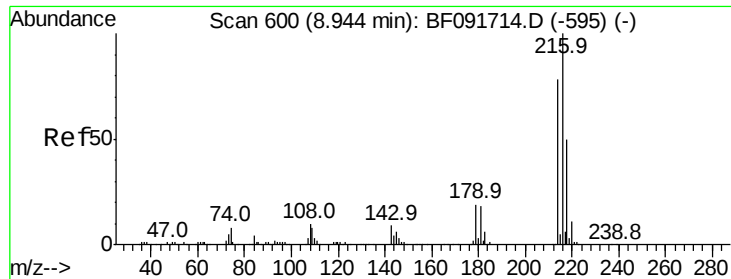
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion:164 Resp: 710598
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 46.3 36.9 55.3





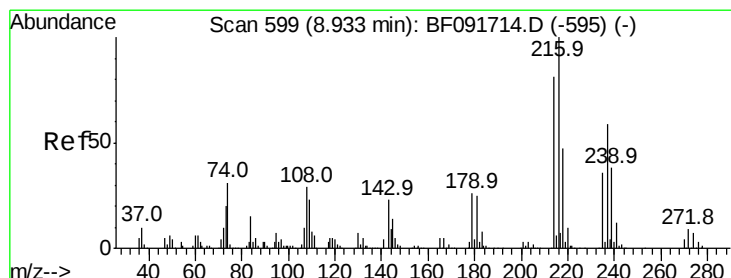
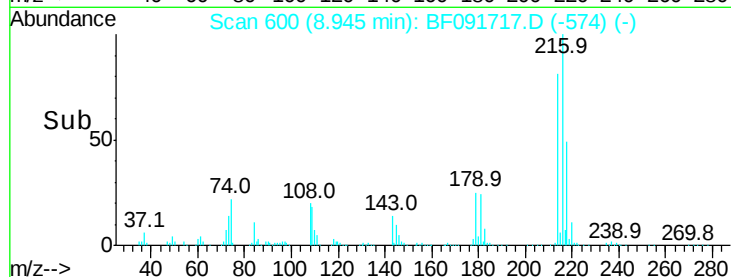
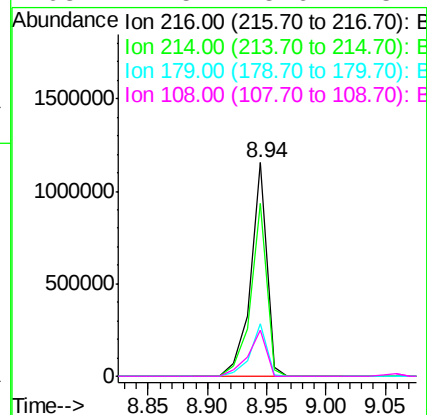
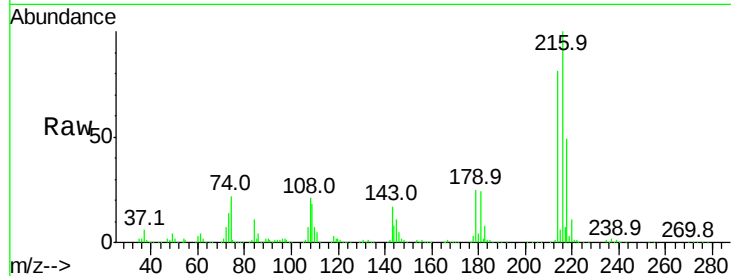
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.89 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	216	Resp:	1096657
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.4	95.0
179	24.5	17.4	26.2
108	24.5	15.6	23.4

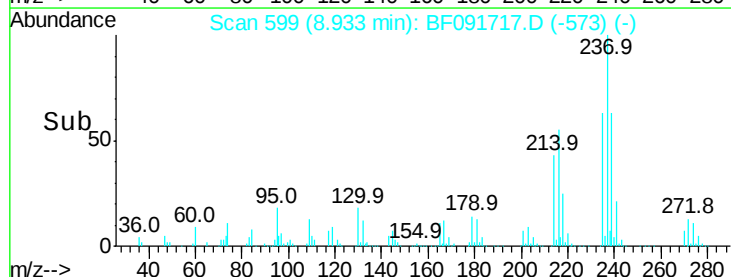
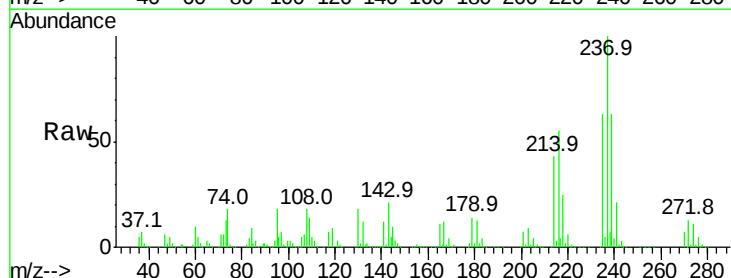
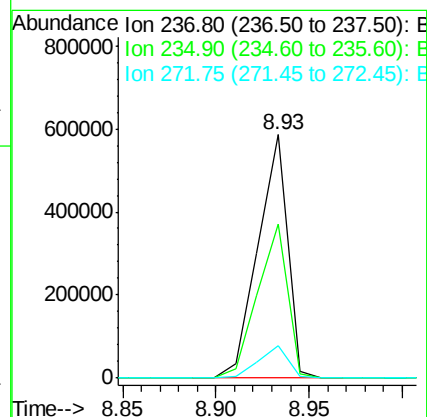
Manual Integrations
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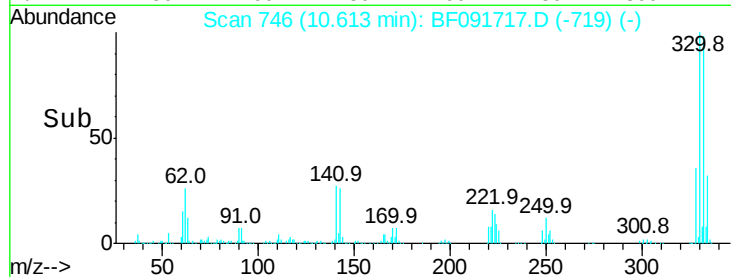
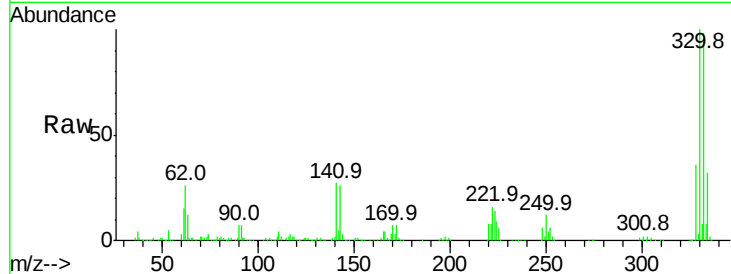
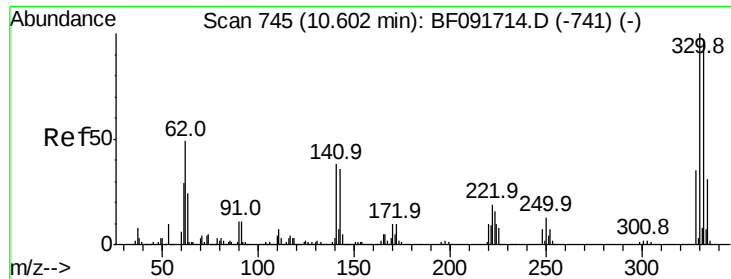
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#40
 Hexachlorocyclopentadiene
 Concen: 74.28 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion:	237	Resp:	643784
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.2	81.2
272	13.5	0.0	35.4





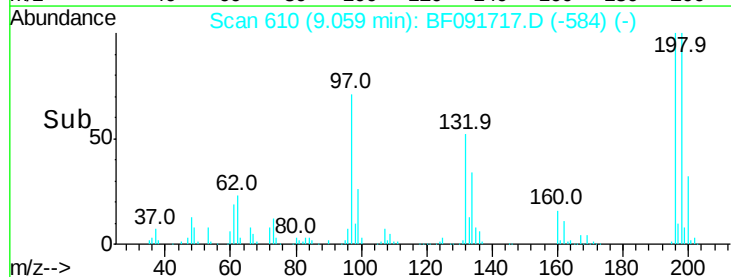
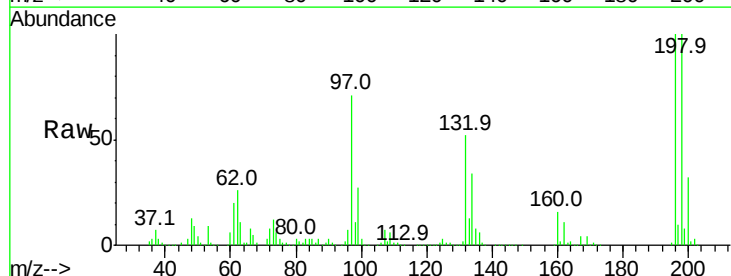
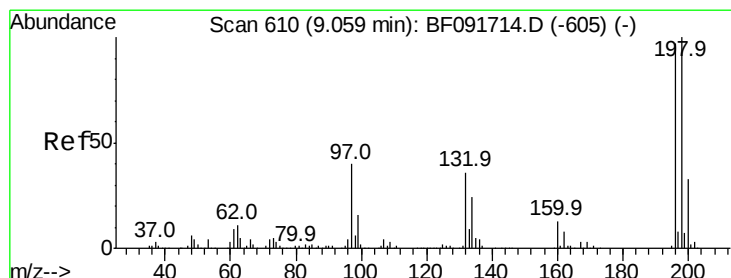
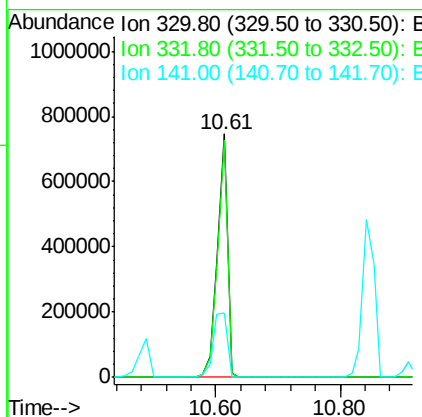
#41
 2,4,6-Tribromophenol
 Concen: 137.83 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	817165		
332	97.0		77.4	116.2
141	37.6		34.1	51.1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

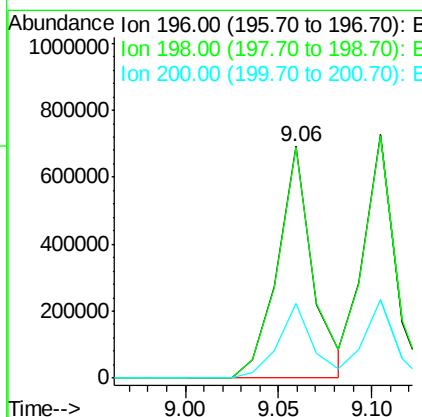
Manual Integrations
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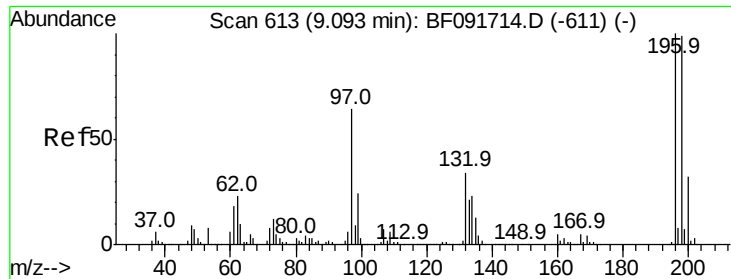
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#42
 2,4,6-Trichlorophenol
 Concen: 72.43 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	907995		
198	99.7		82.1	123.1
200	32.4		27.0	40.4





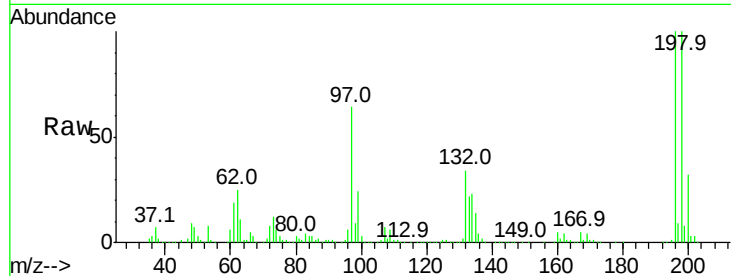
#43
 2,4,5-Trichlorophenol
 Concen: 62.46 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

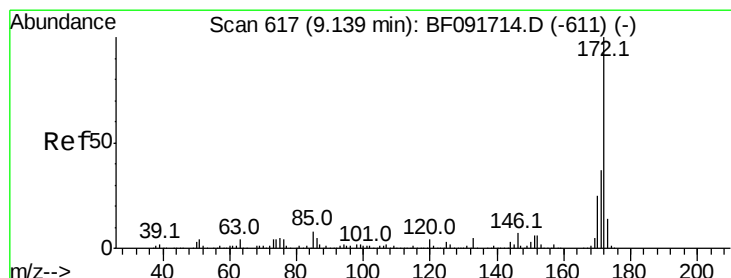
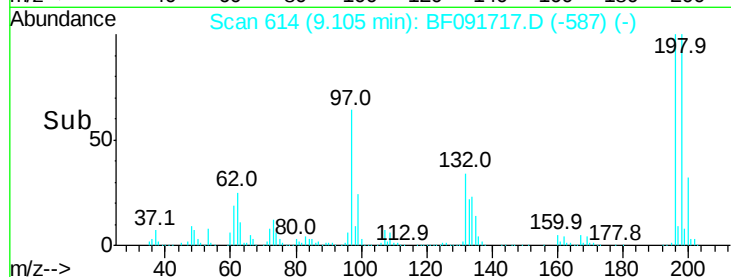
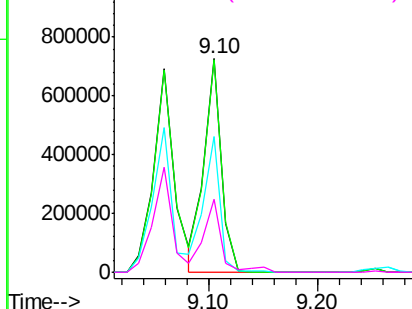
Tot Ion:	196	Resp:	811882
Ion Ratio	Lower	Upper	
196	100		
198	99.6	79.4	119.2
97	63.6	51.5	77.3
132	34.3	27.4	41.2

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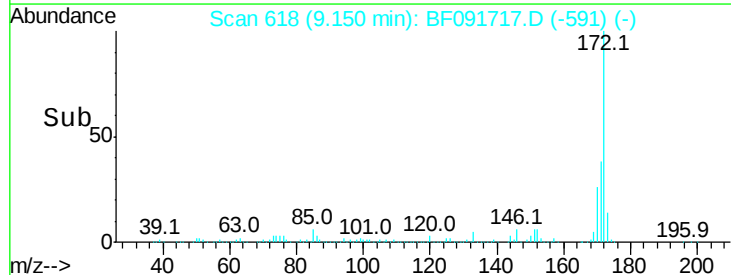
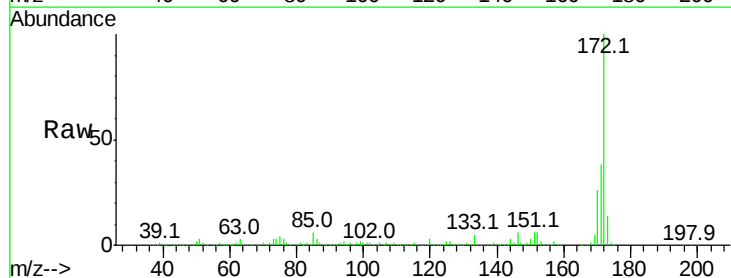
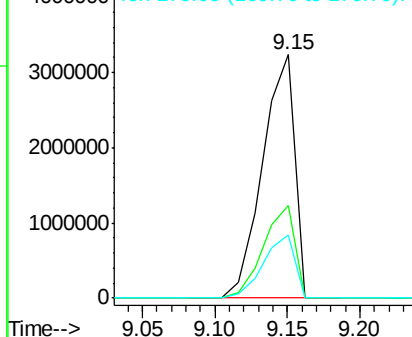
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

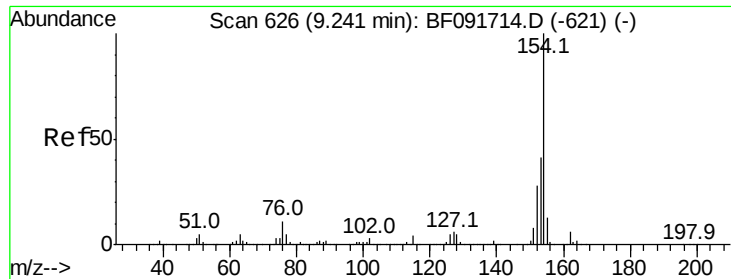


#44
 2-Fluorobiphenyl
 Concen: 122.59 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion:	172	Resp:	4944650
Ion Ratio	Lower	Upper	
172	100		
171	37.9	29.4	44.0
170	25.9	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: 59.35 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 3121684

Ion Ratio Lower Upper

154 100

153 41.9 20.9 60.9

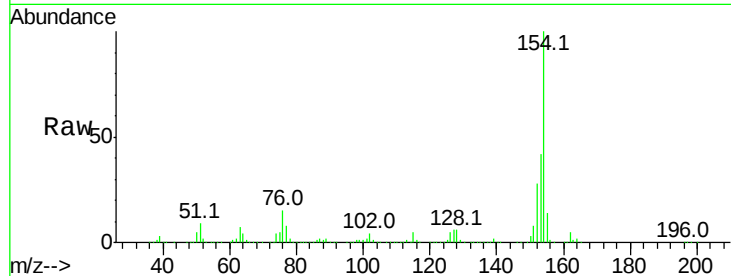
76 15.5 0.0 30.5

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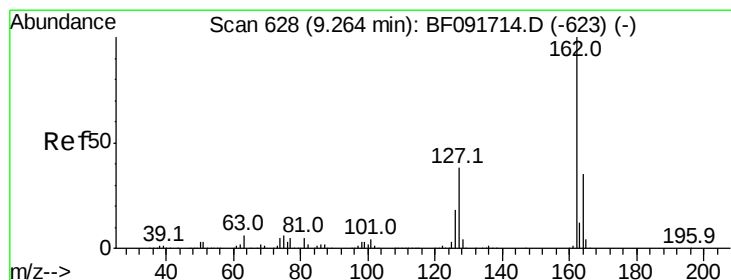
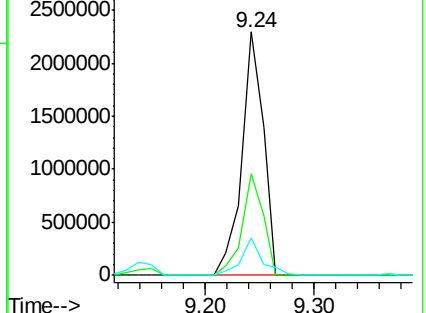
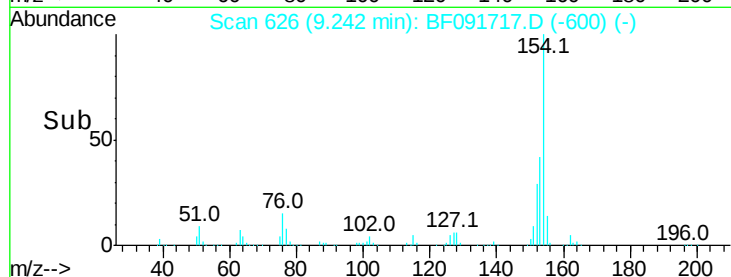
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 57.81 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

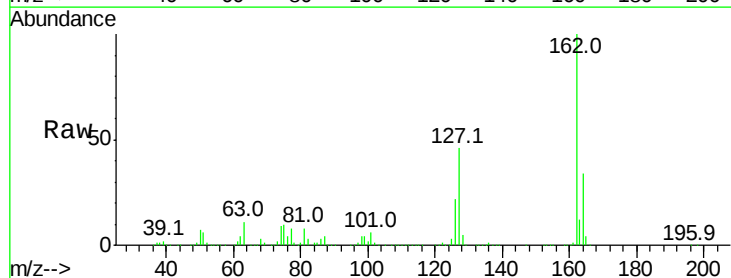
Tgt Ion:162 Resp: 2336433

Ion Ratio Lower Upper

162 100

127 45.7 30.7 46.1

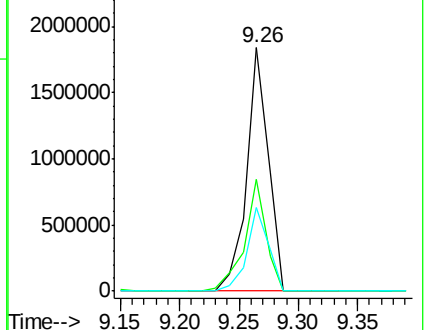
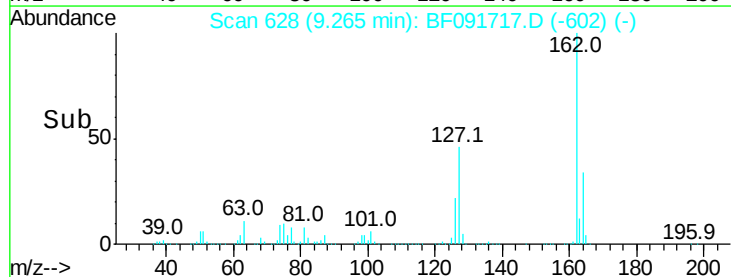
164 34.4 27.6 41.4

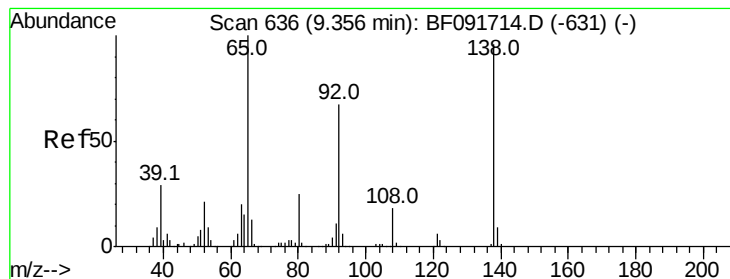


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





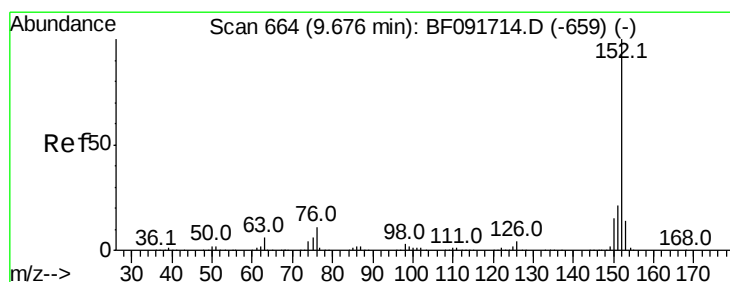
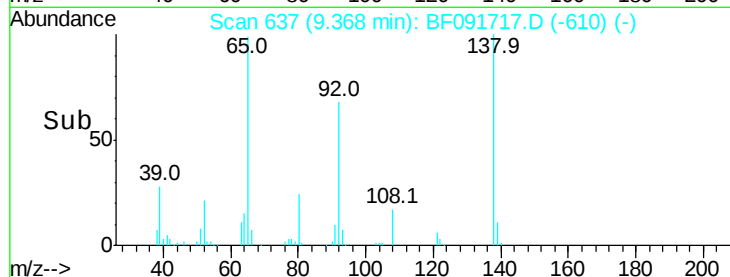
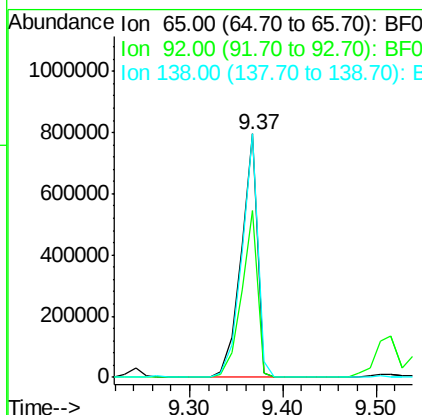
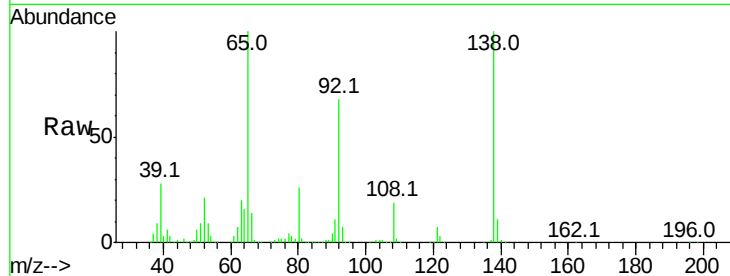
#47
2-Nitroaniline
Concen: 72.36 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.9	80.9
138	100.1	76.8	115.2

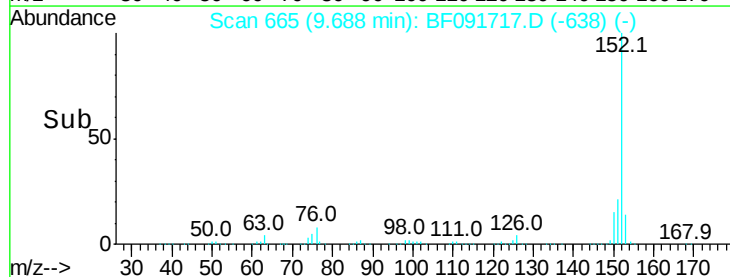
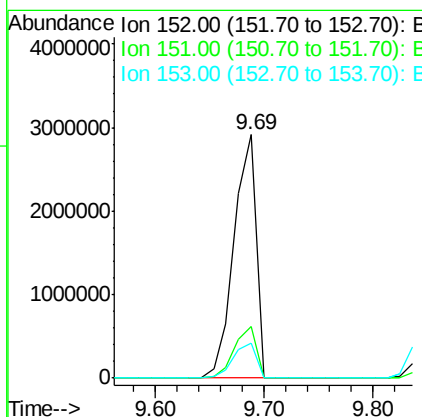
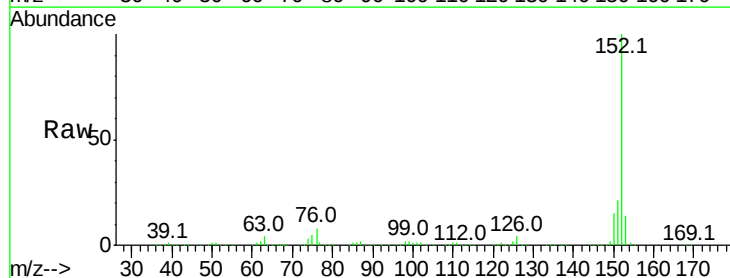
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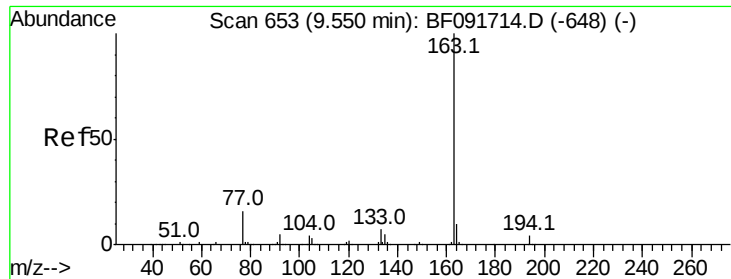
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#48
Acenaphthylene
Concen: 66.30 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	14.5	11.4	17.2





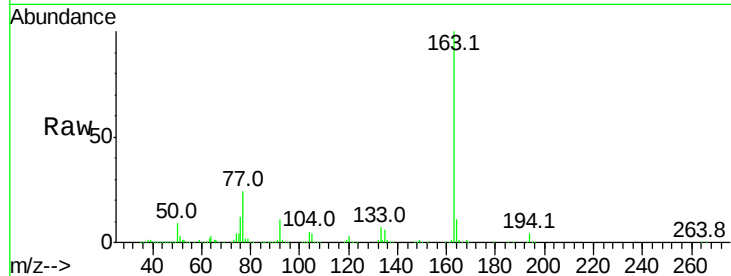
#49
Dimethylphthalate
Concen: 69.22 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

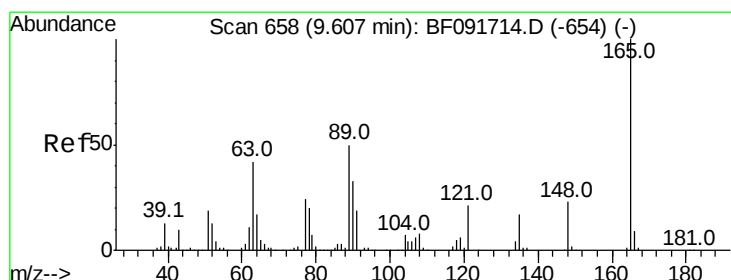
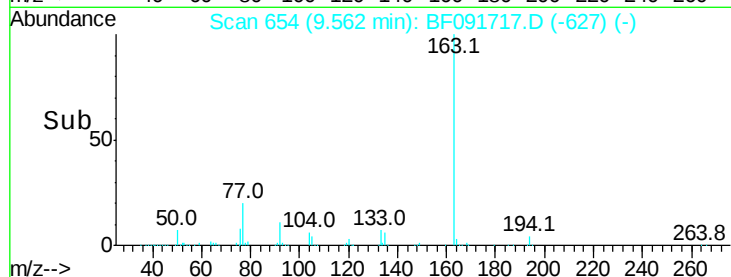
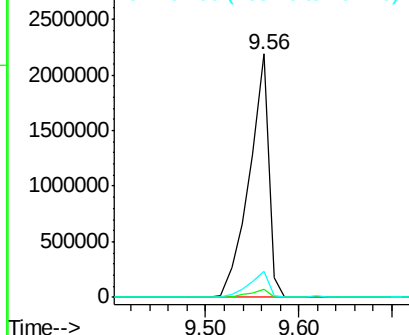
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.9	8.0	12.0

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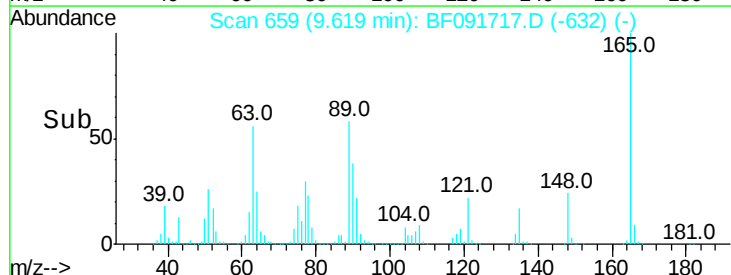
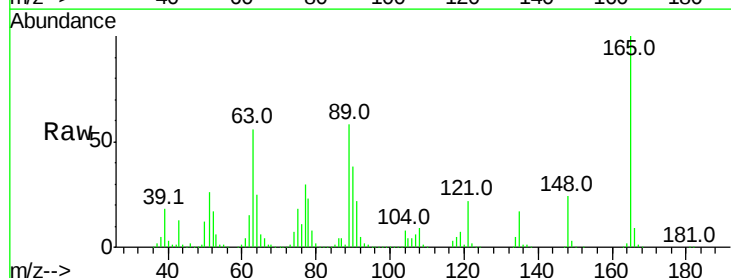
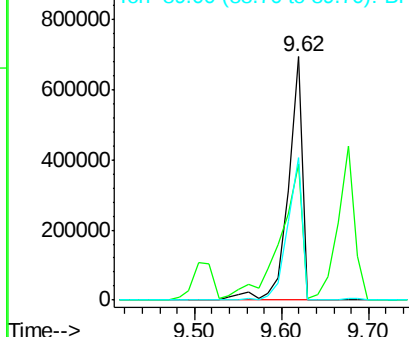
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

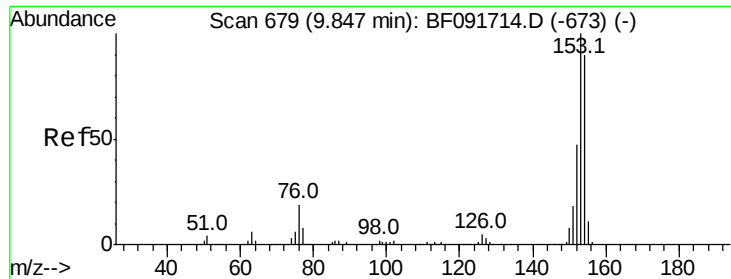


#50
2,6-Dinitrotoluene
Concen: 78.22 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.8	36.2	54.4#
89	58.3	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: 69.44 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 2945388

Ion Ratio Lower Upper

154 100

153 110.9 88.6 133.0

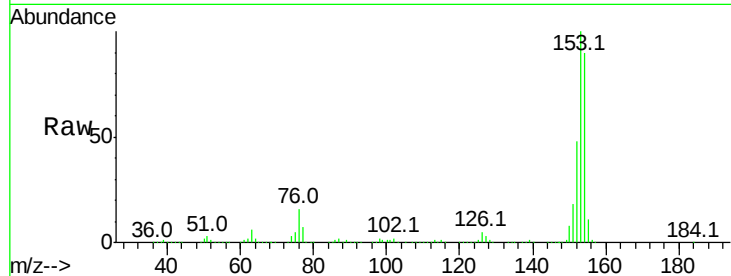
152 53.1 41.6 62.4

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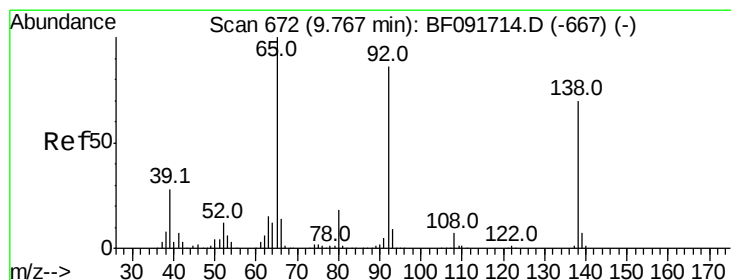
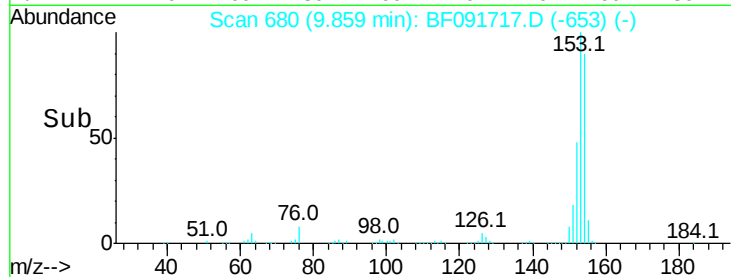
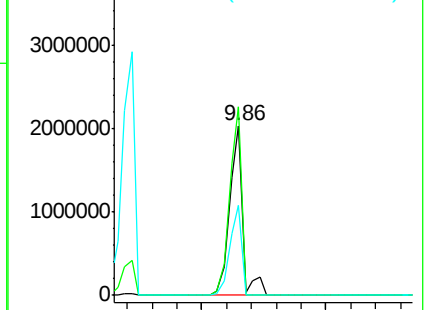
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 82.14 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.02 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

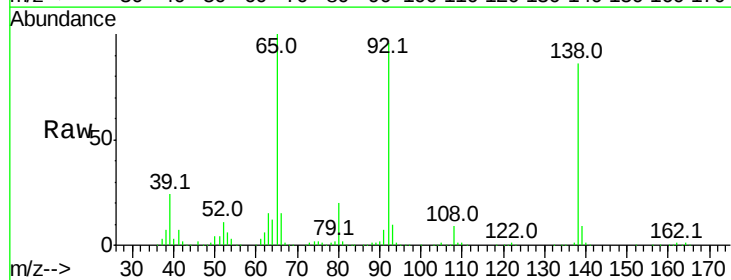
Tgt Ion:138 Resp: 961007

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

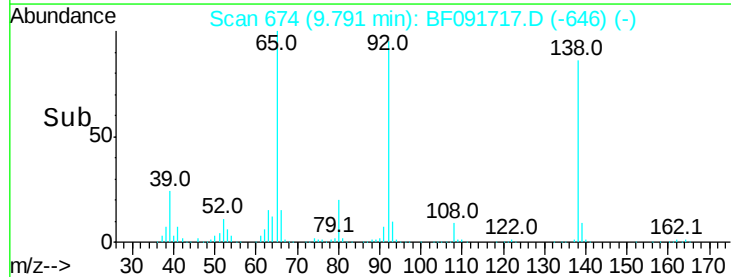
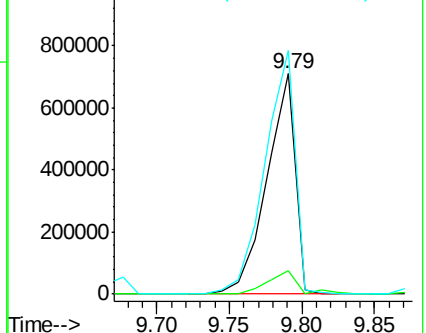
92 110.6 97.8 146.8

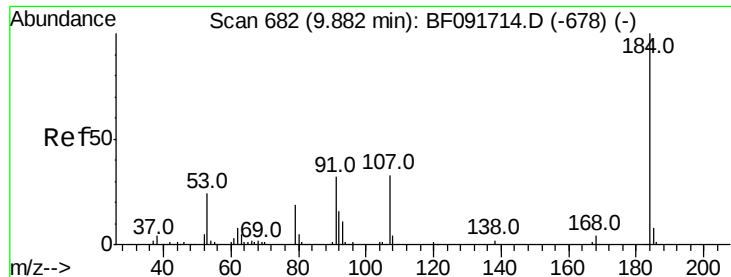


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





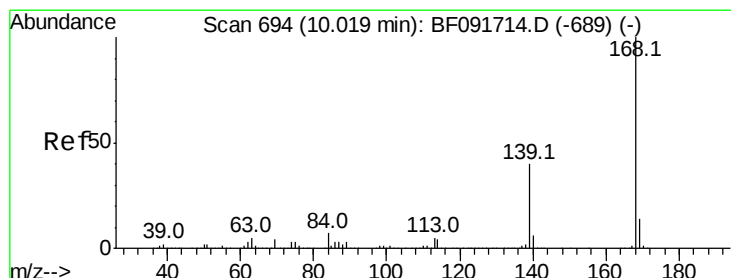
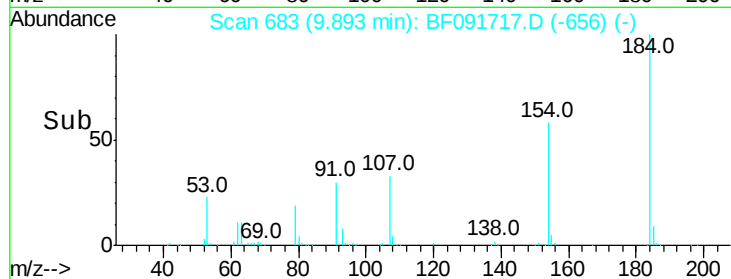
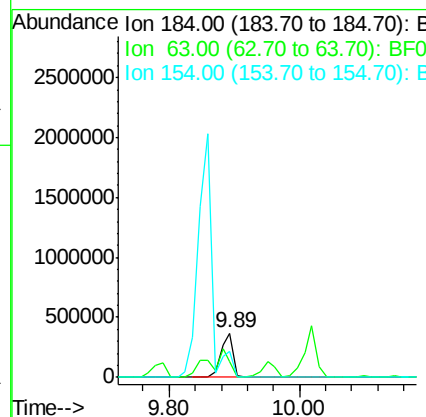
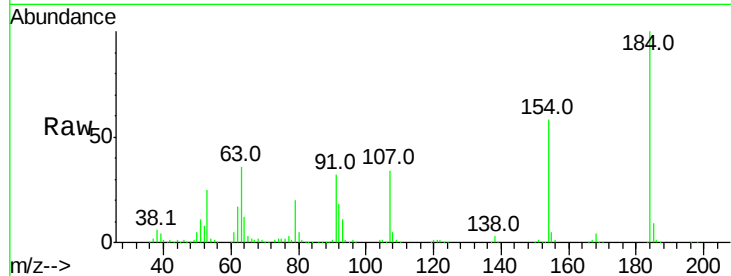
#53
2,4-Dinitrophenol
Concen: 125.07 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	496268		
63	35.7	28.4	42.6	
154	58.1	44.3	66.5	

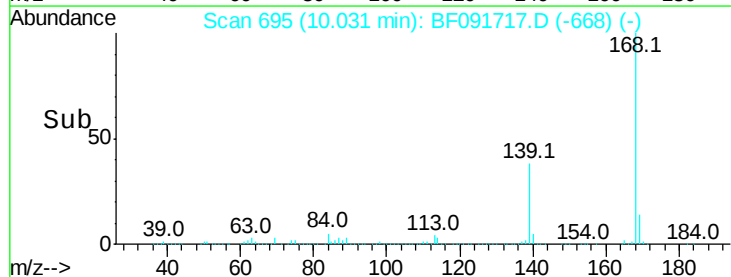
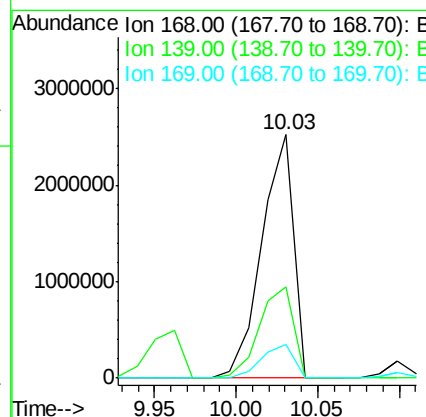
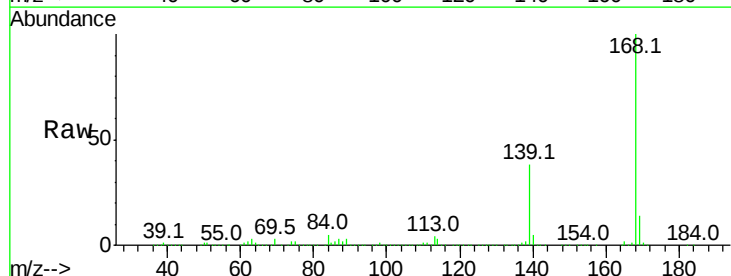
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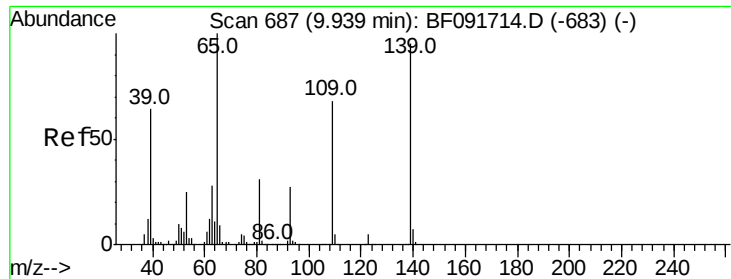
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#54
Dibenzofuran
Concen: 64.82 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3407560		
139	37.5	32.6	49.0	
169	13.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 85.67 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.02 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:139 Resp: 726532

Ion Ratio Lower Upper

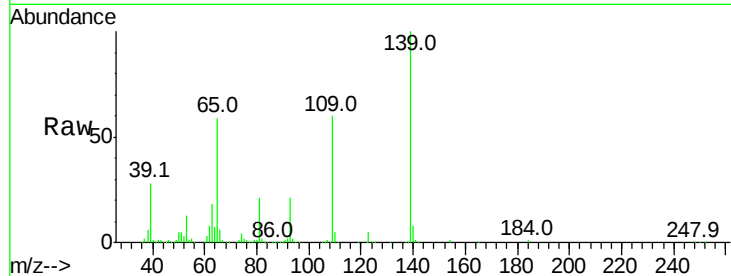
139 100

109 59.6 52.2 92.2

65 58.7 85.8 125.8#

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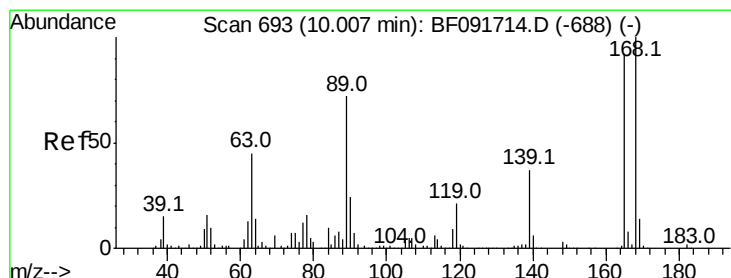
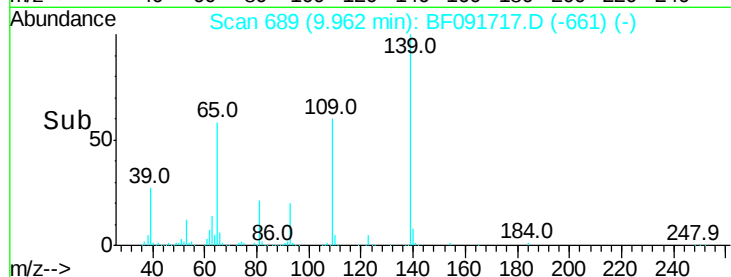
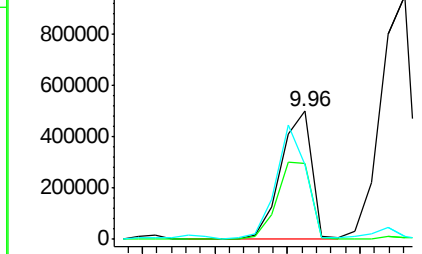
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 61.51 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Tgt Ion:165 Resp: 766969

Ion Ratio Lower Upper

165 100

63 69.2 40.2 60.4#

89 92.9 62.5 93.7

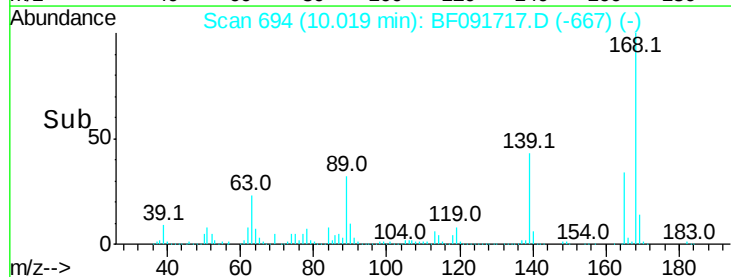
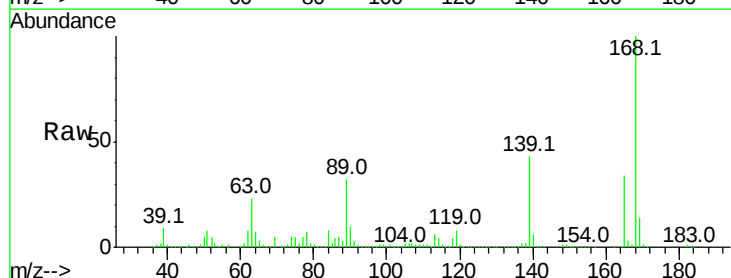
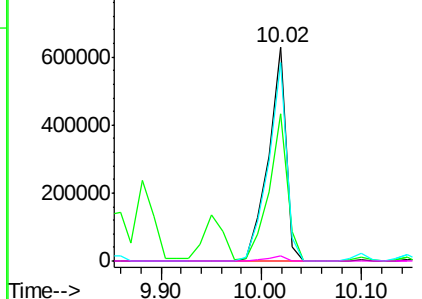
182 2.3 1.8 2.8

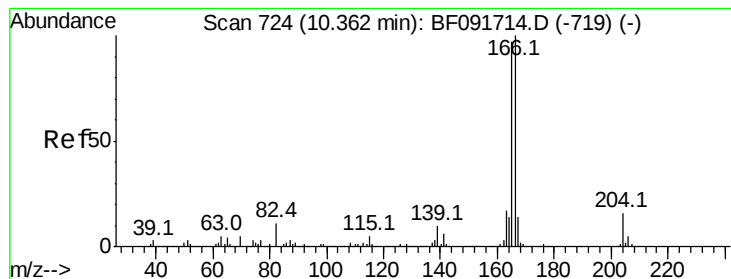
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 61.29 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:166 Resp: 2522889

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

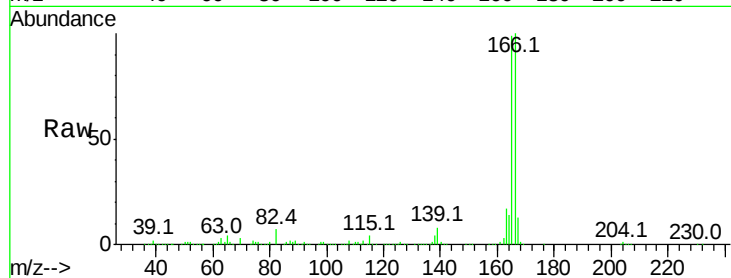
167 13.4 10.8 16.2

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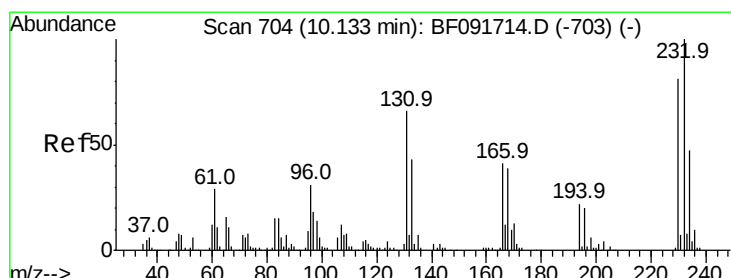
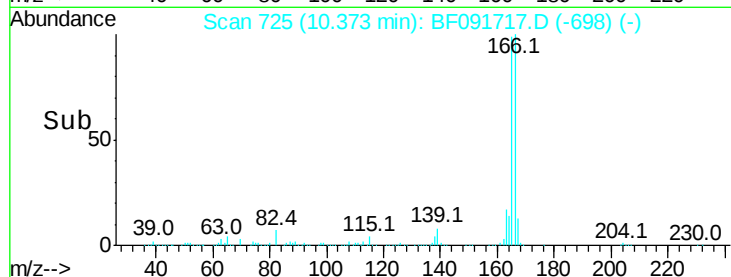
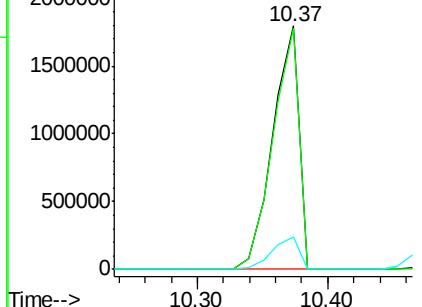
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 64.87 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Tgt Ion:232 Resp: 651822

Ion Ratio Lower Upper

232 100

131 55.0 40.1 60.1

130 2.7 1.8 2.8

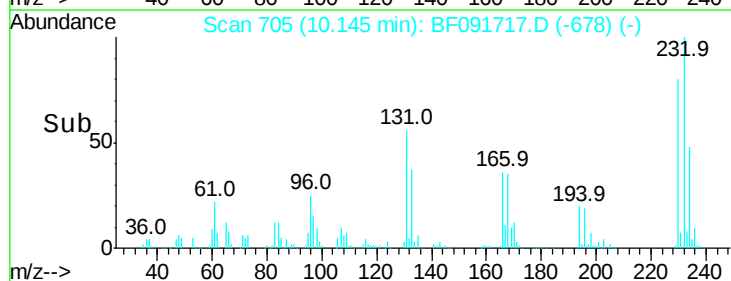
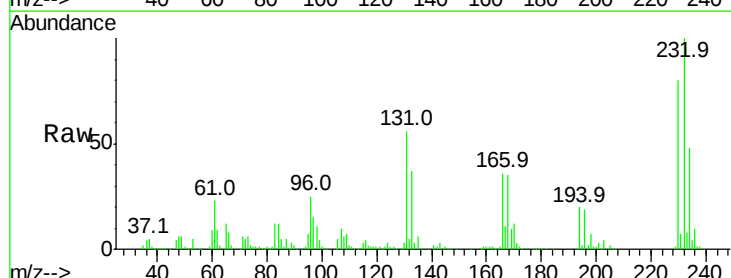
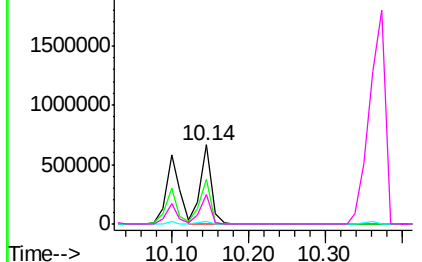
166 35.1 26.6 39.8

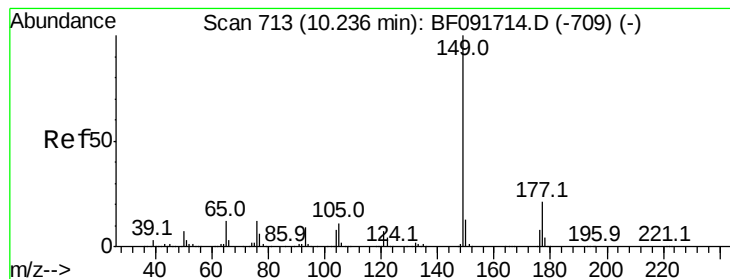
Abundance Ion 232.00 (231.70 to 232.70): E

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: 69.34 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 3020518

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

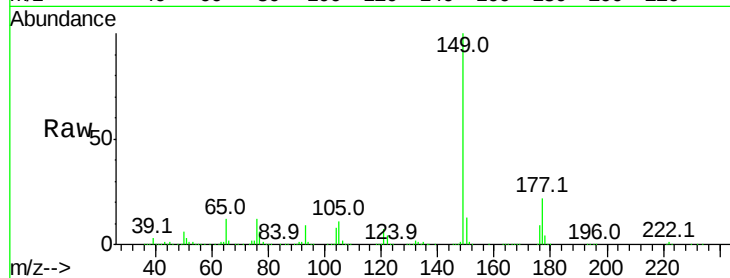
150 13.2 10.4 15.6

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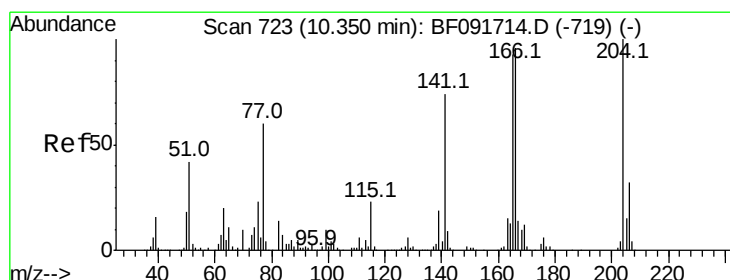
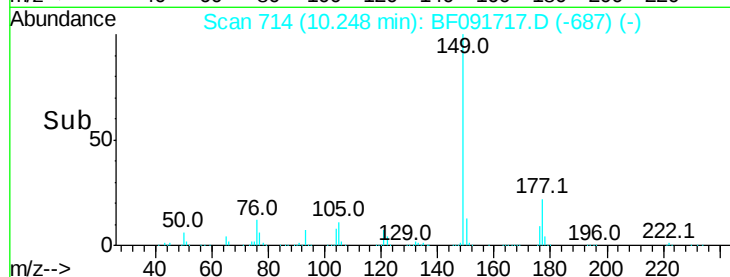
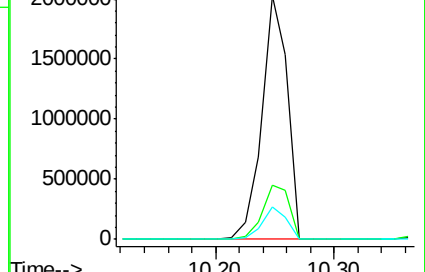
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 60.19 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

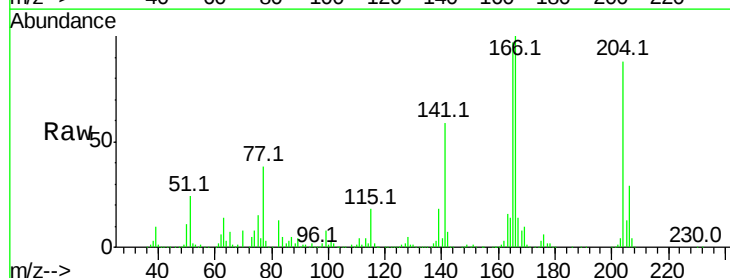
Tgt Ion:204 Resp: 1116939

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

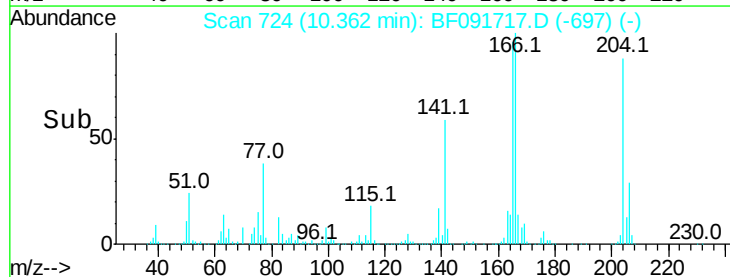
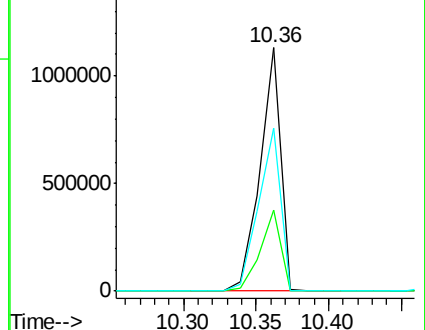
141 66.9 59.4 89.0

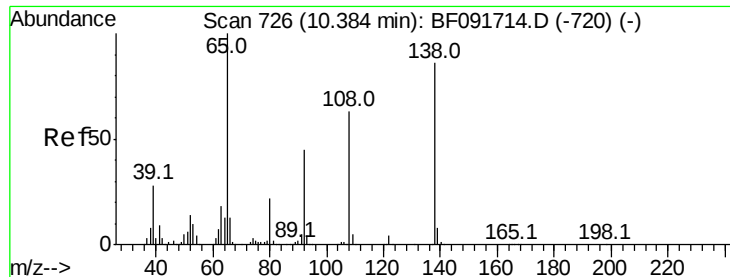


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





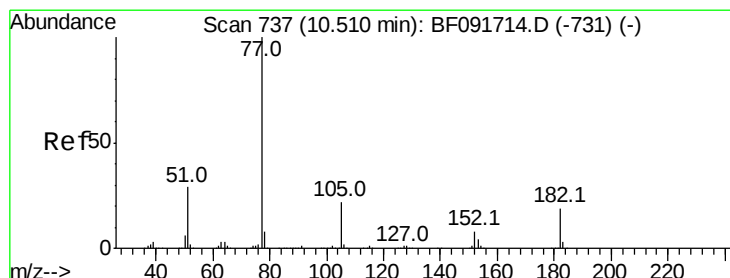
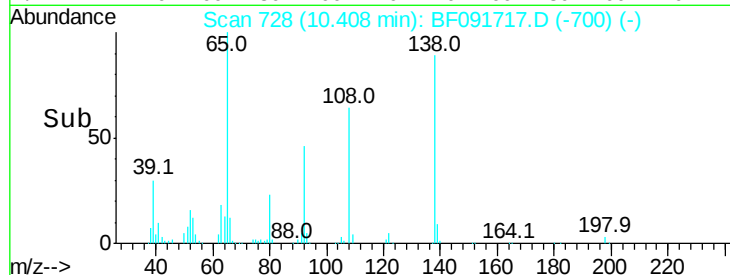
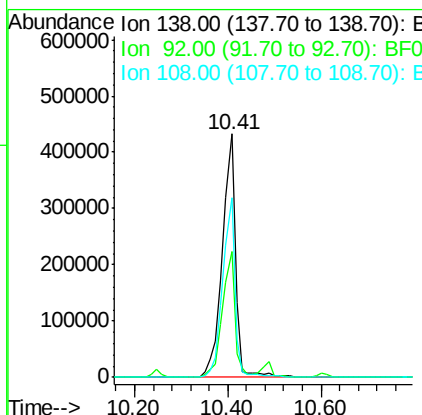
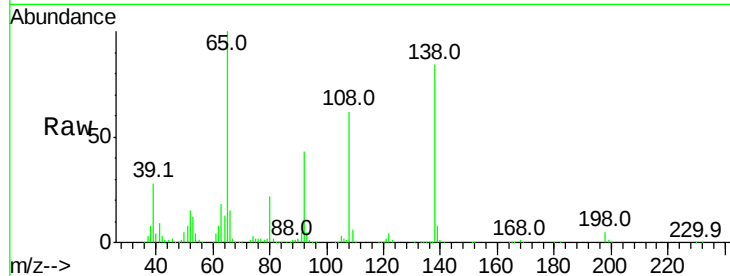
#61
4-Nitroaniline
Concen: 71.98 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.02 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.7	71.7
108	73.7	52.6	92.6

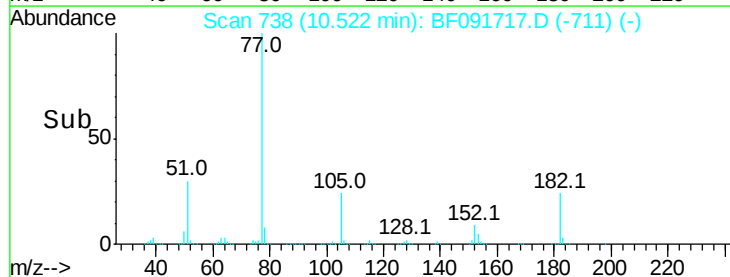
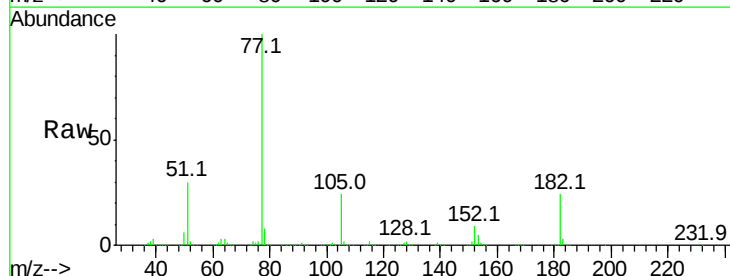
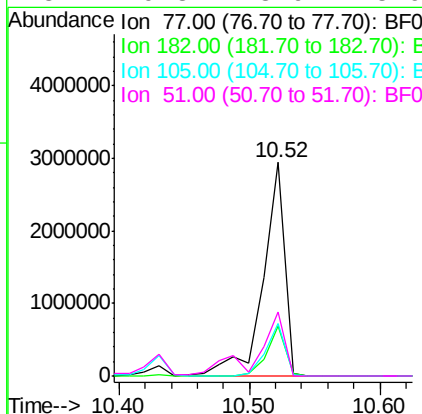
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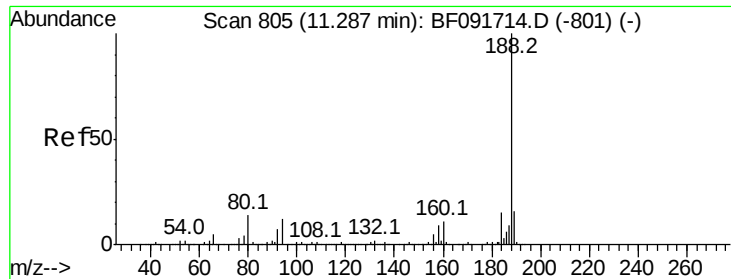
umangi
12/20/2016 11:40:27 AM



#62
Azobenzene
Concen: 70.33 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	0.0	39.3
105	24.4	2.3	42.3
51	29.8	8.9	48.9





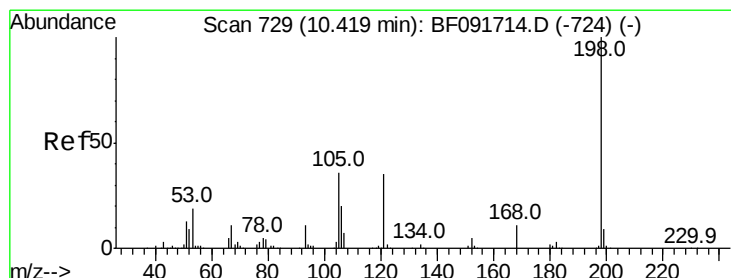
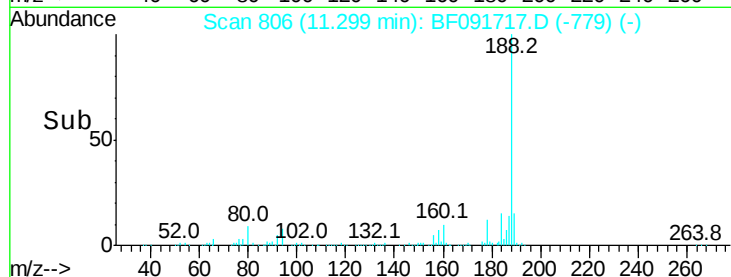
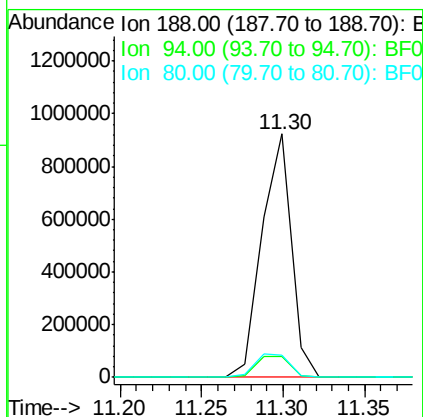
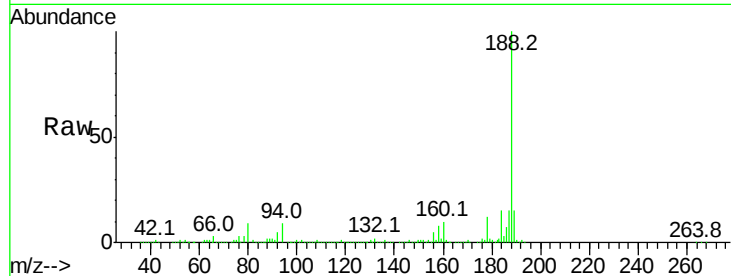
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	9.1	11.2	16.8#

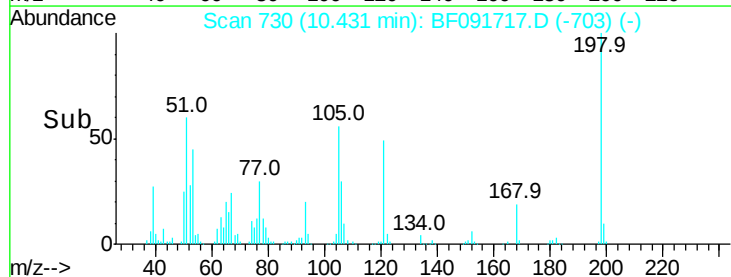
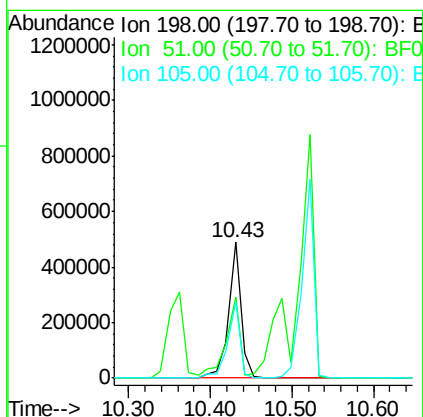
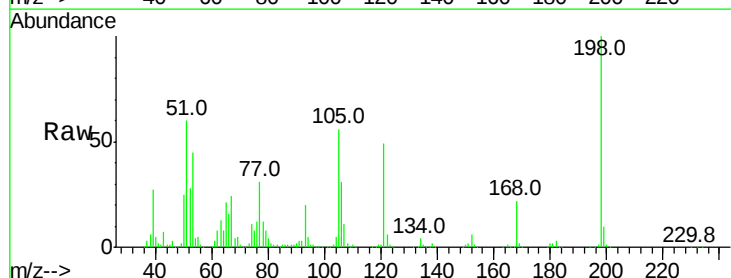
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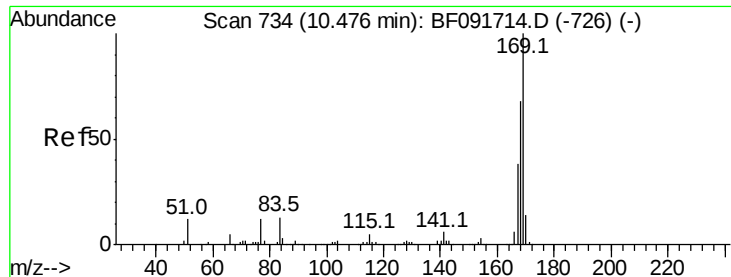
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#64
4,6-Dinitro-2-methylphenol
Concen: 83.38 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.9	6.7	46.7#
105	56.0	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 68.47 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:169 Resp: 2438264

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

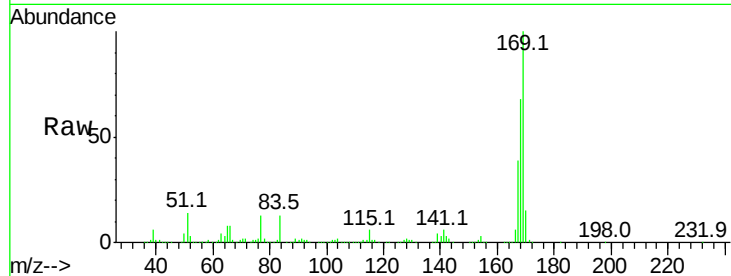
167 38.8 30.2 45.4

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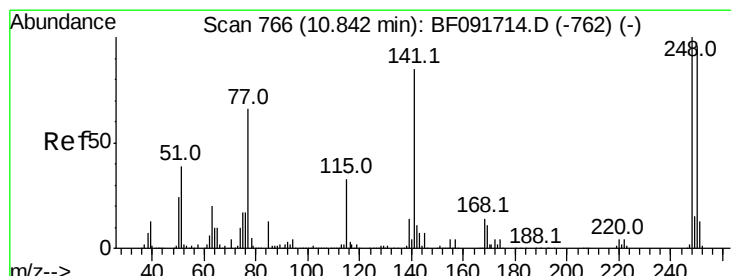
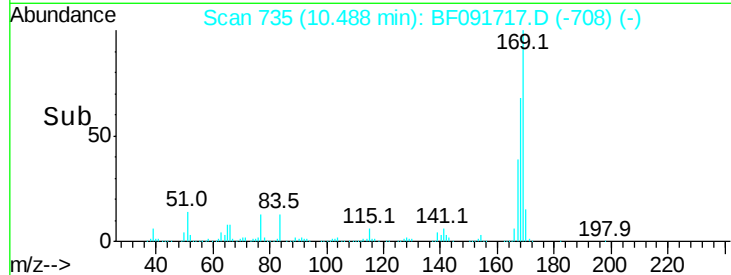
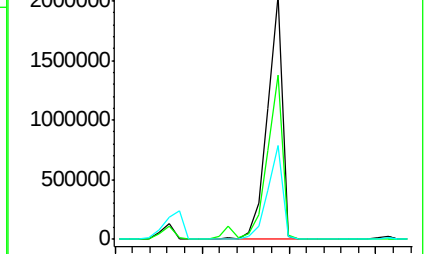
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 72.17 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

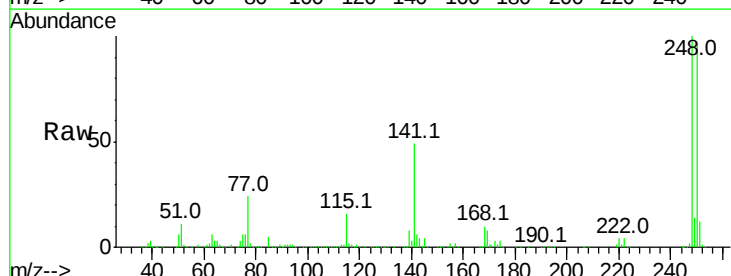
Tgt Ion:248 Resp: 868604

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

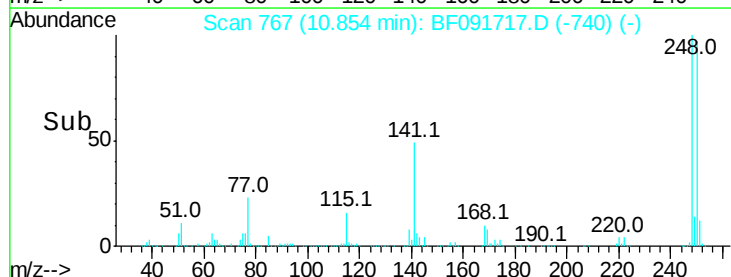
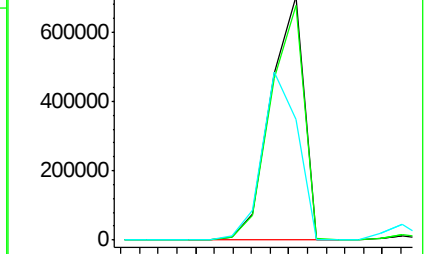
141 49.5 68.2 102.4#

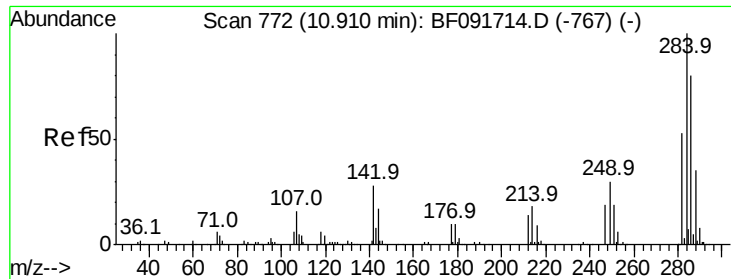


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





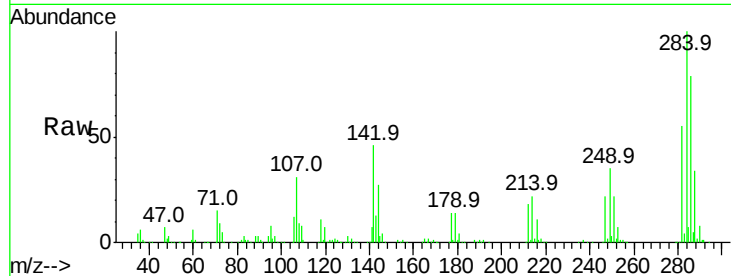
#67
Hexachlorobenzene
Concen: 63.28 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

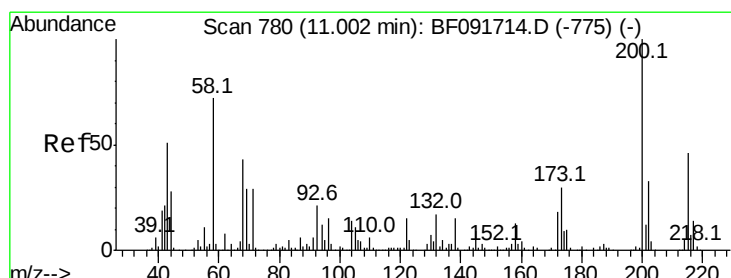
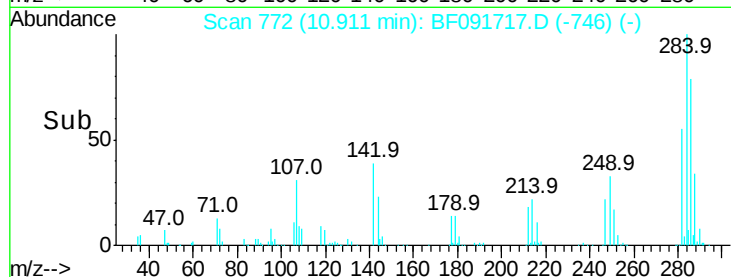
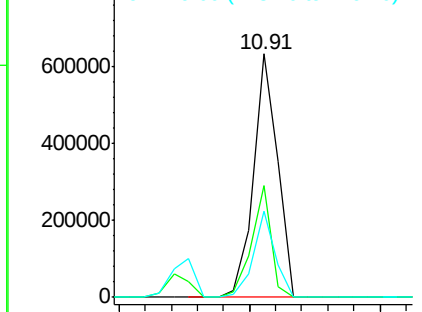
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	45.8	22.6	33.8	
249	35.5	25.4	38.0	

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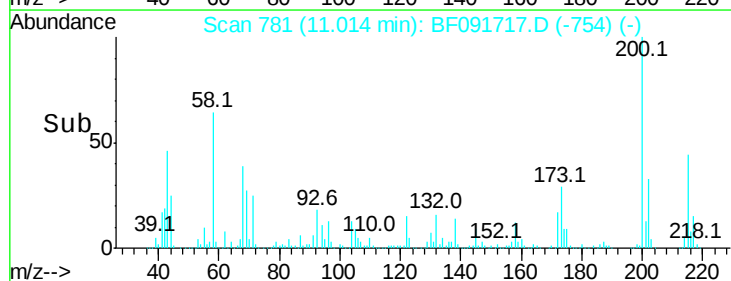
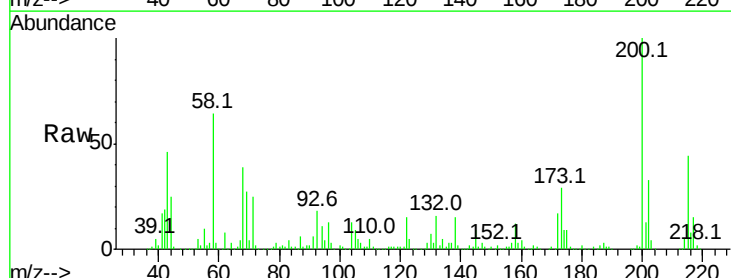
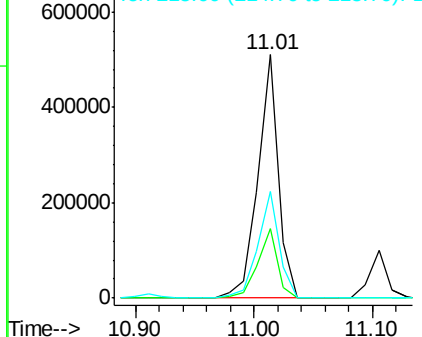
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

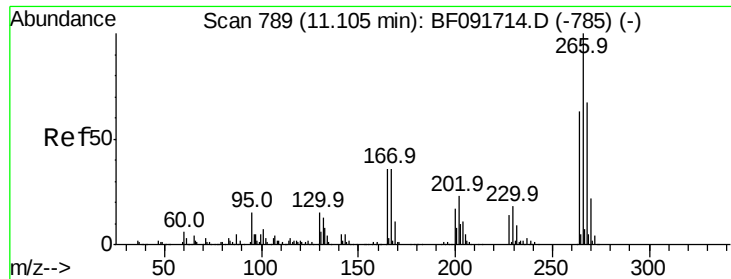


#68
Atrazine
Concen: 54.80 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.7	9.6	49.6	
215	43.8	25.7	65.7	

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





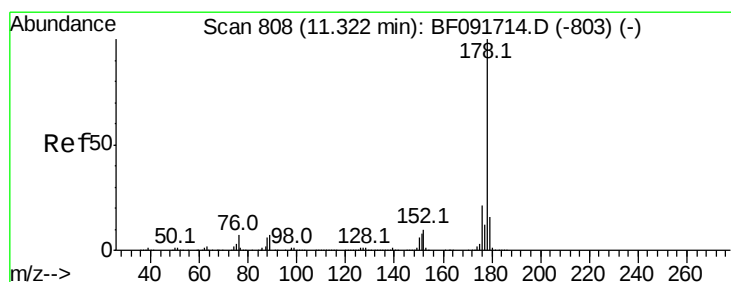
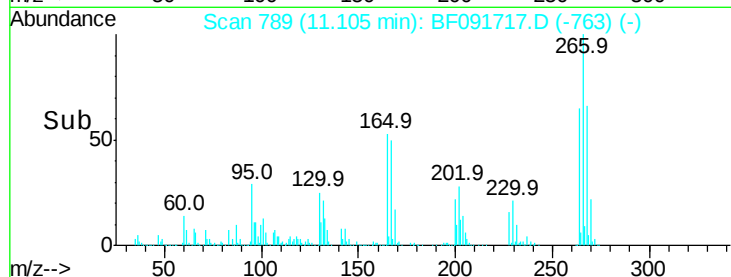
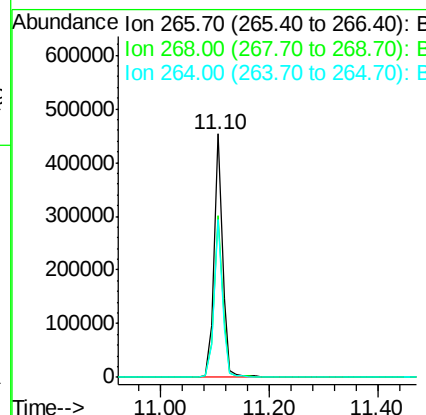
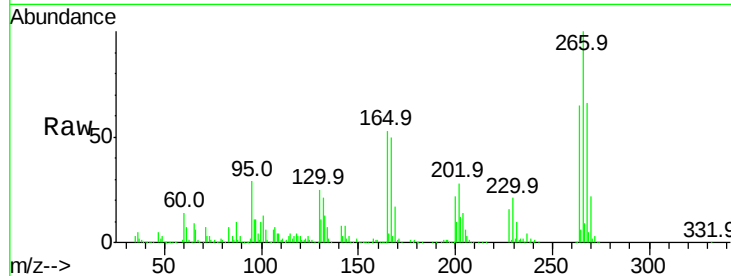
#69
 Pentachlorophenol
 Concen: 70.68 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	509441		
268	66.4	53.3	79.9	
264	64.7	50.3	75.5	

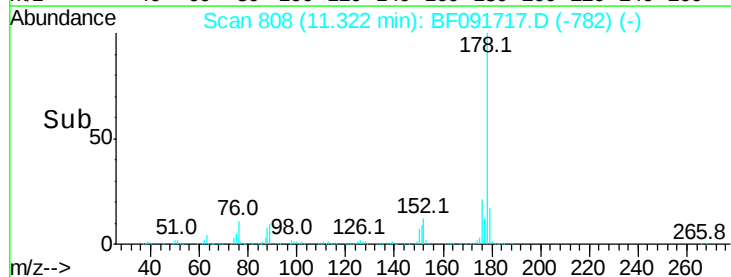
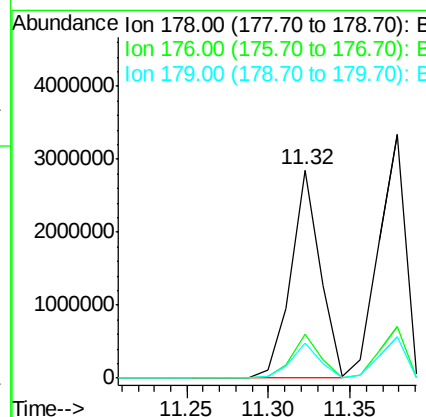
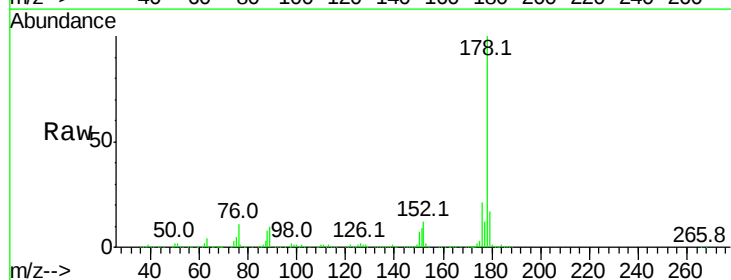
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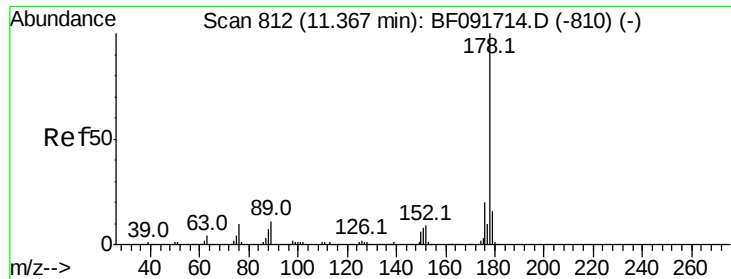
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#70
 Phenanthrene
 Concen: 60.15 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3588364		
176	21.3	16.6	25.0	
179	16.7	12.8	19.2	





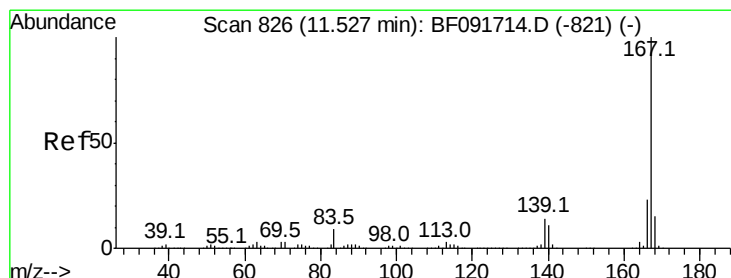
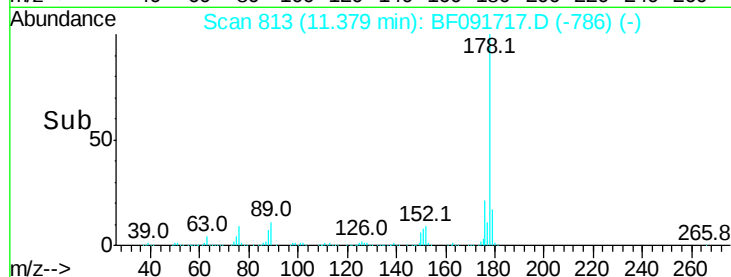
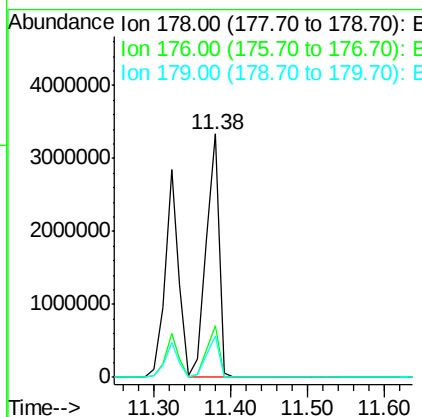
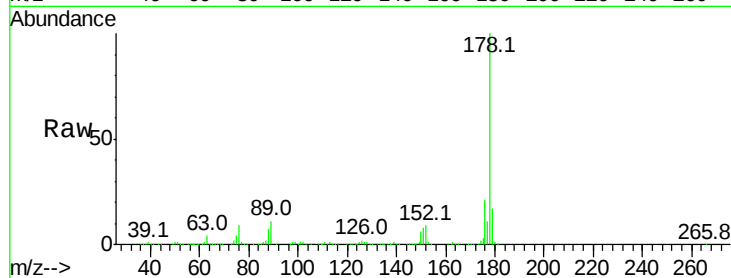
#71
 Anthracene
 Concen: 61.80 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 3816539
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.9 23.9
 179 17.0 13.2 19.8

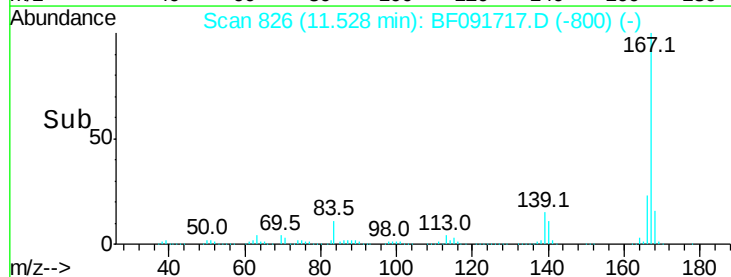
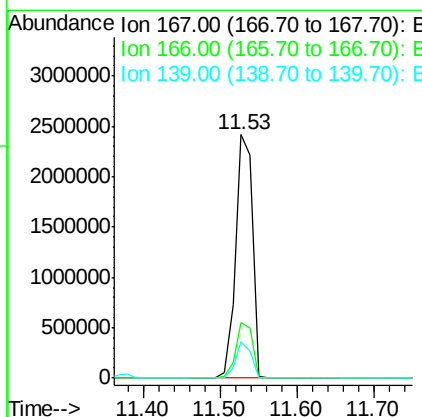
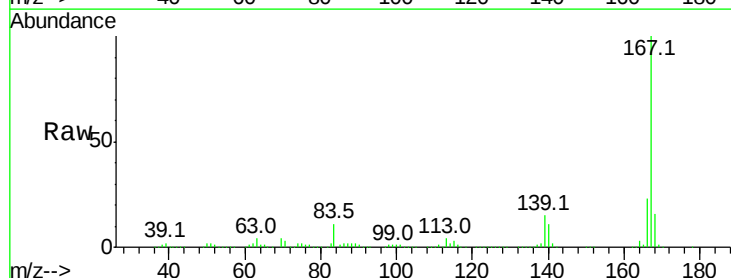
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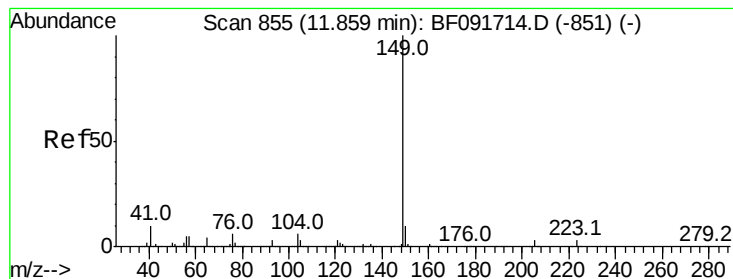
umangi
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#72
 Carbazole
 Concen: 67.34 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion:167 Resp: 3762996
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 15.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 71.63 ng

RT: 11.87 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 4594018

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

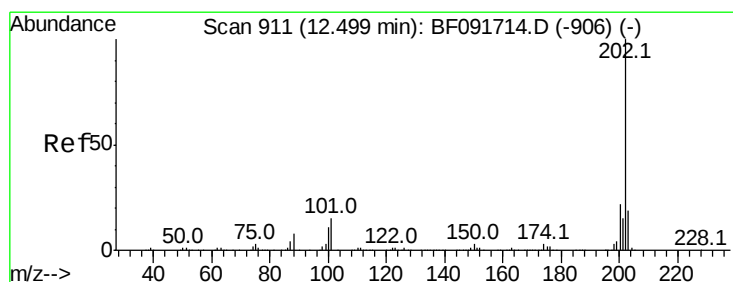
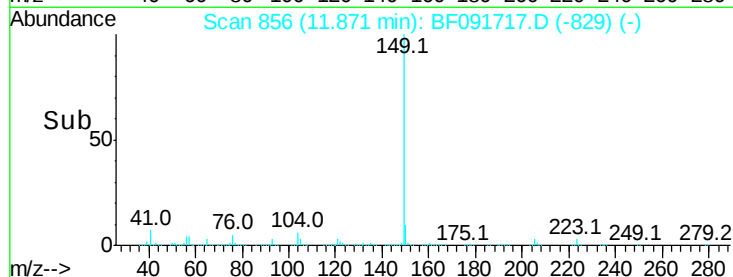
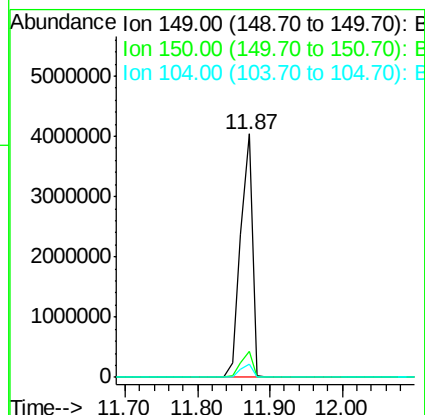
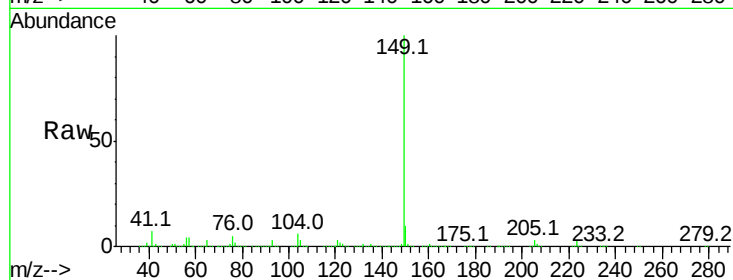
104 5.6 4.6 7.0

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#74

Fluoranthene

Concen: 63.46 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

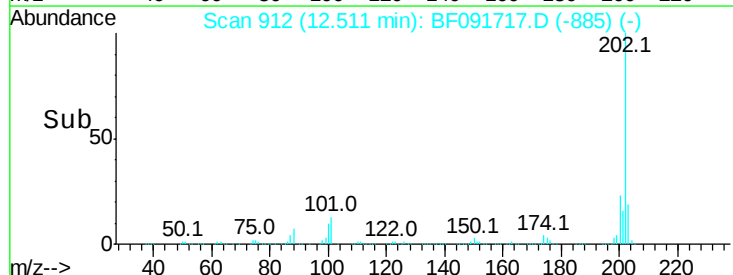
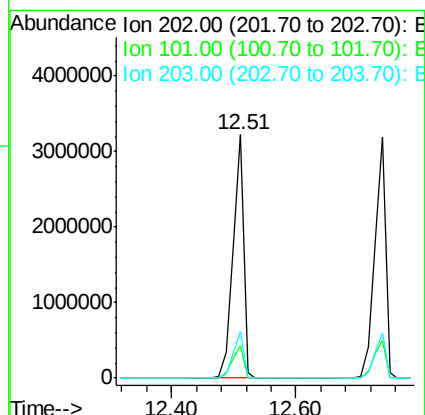
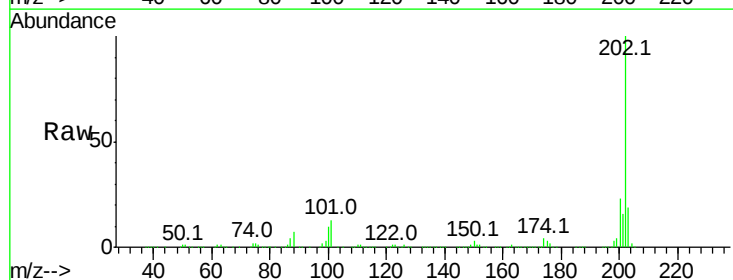
Tgt Ion:202 Resp: 3833656

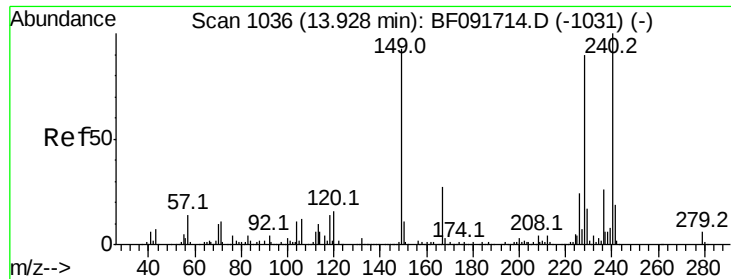
Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.6

203 19.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

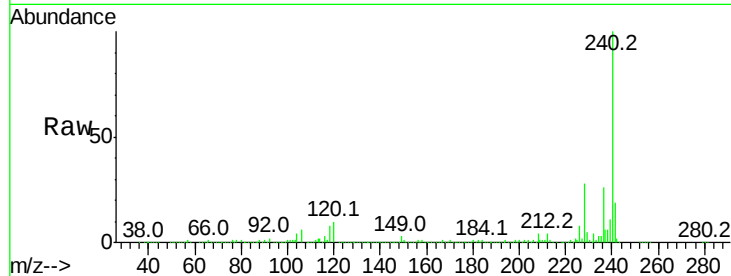
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.9	19.3#
236	25.9	20.9	31.3

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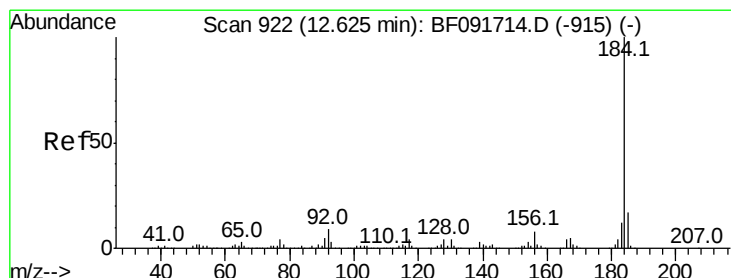
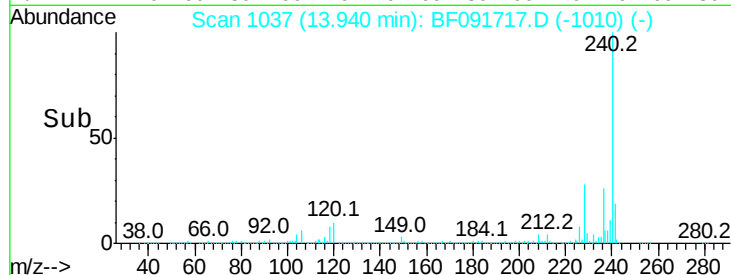
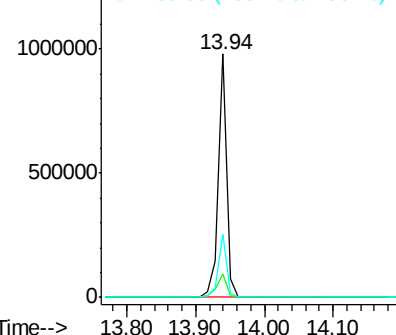
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.90 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091717.D

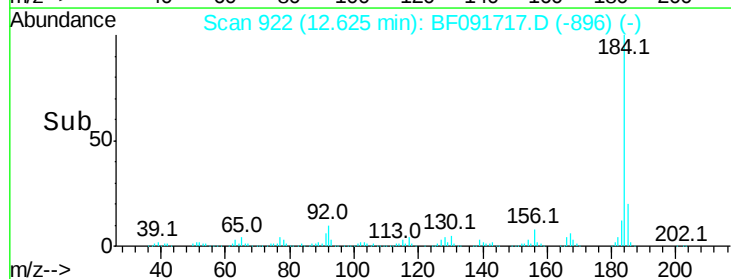
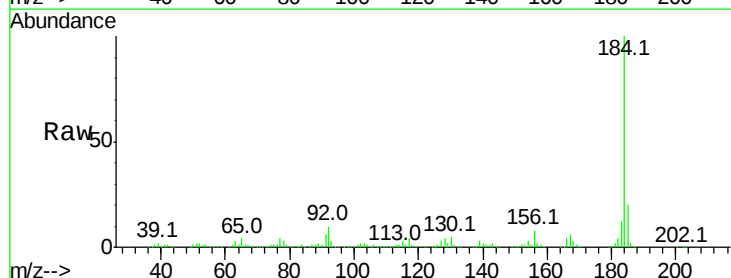
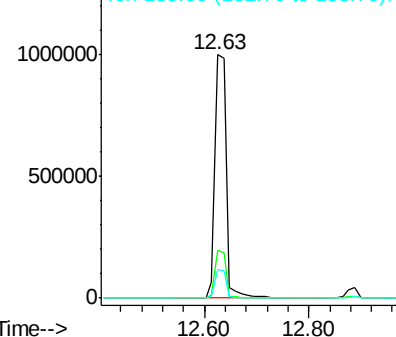
Acq: 17 Dec 2016 16:11

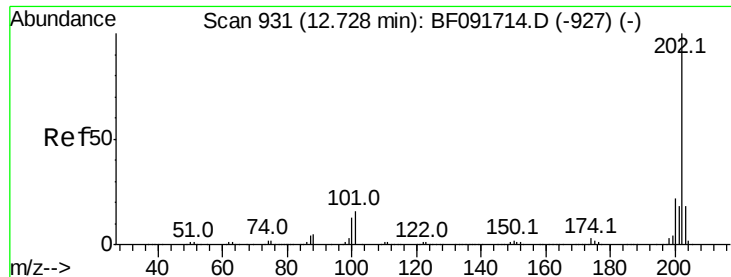
Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.6	13.4	20.0
183	11.5	9.2	13.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





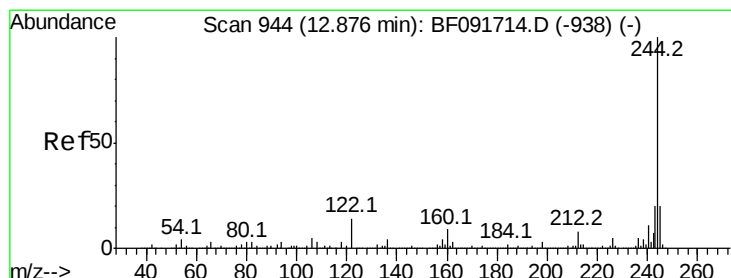
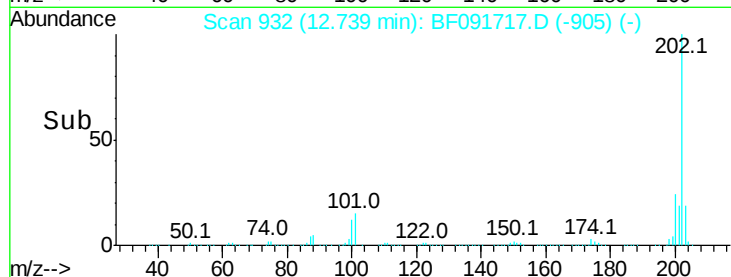
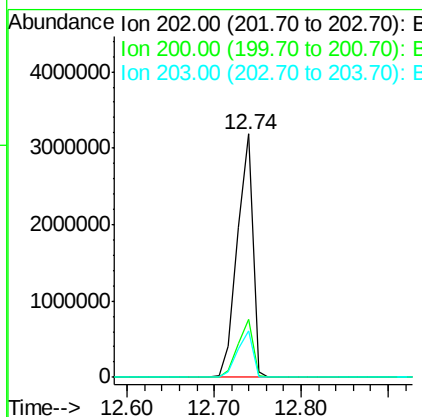
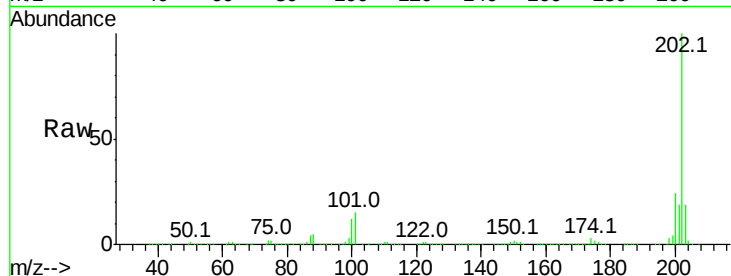
#77
Pvrene
Concen: 58.58 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:202 Resp: 3904430
Ion Ratio Lower Upper
202 100
200 23.6 17.7 26.5
203 18.9 14.7 22.1

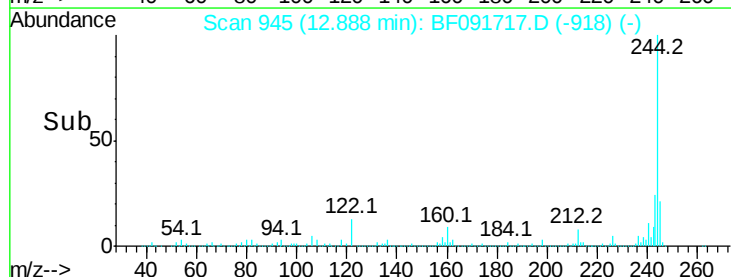
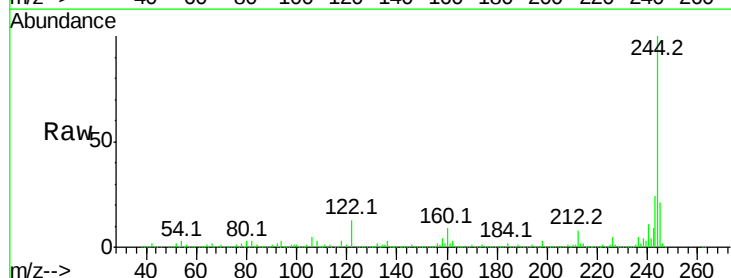
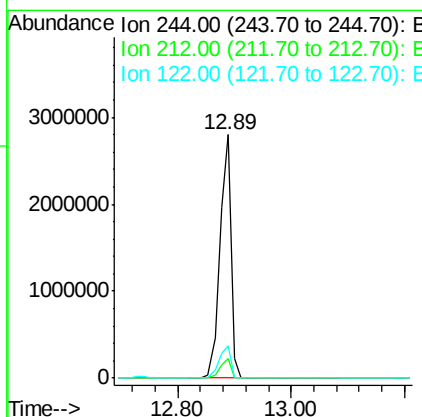
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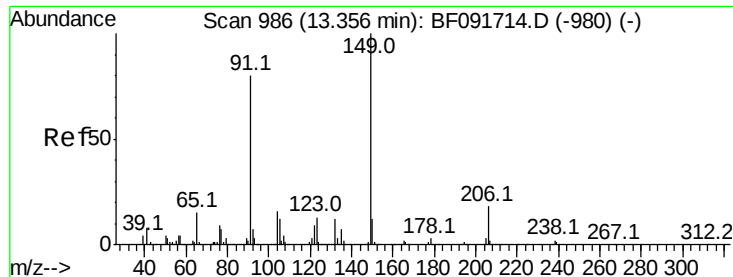
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#78
Terphenyl-d14
Concen: 101.63 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion:244 Resp: 3790661
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 13.5 11.4 17.2





#79

Butylbenzylphthalate

Concen: 73.61 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1978114

Ion Ratio Lower Upper

149 100

91 83.1 63.9 95.9

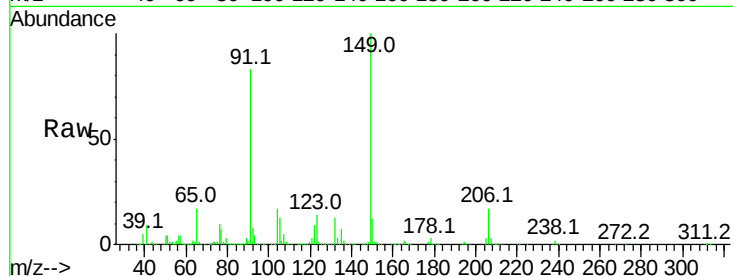
206 17.4 14.6 21.8

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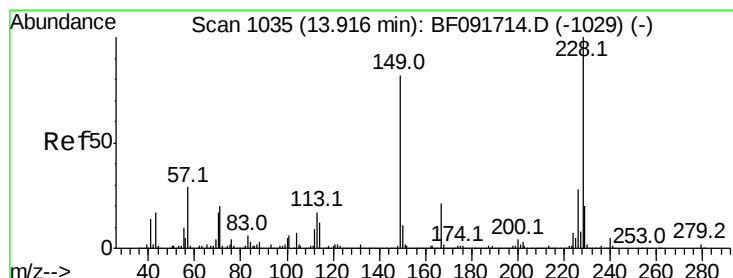
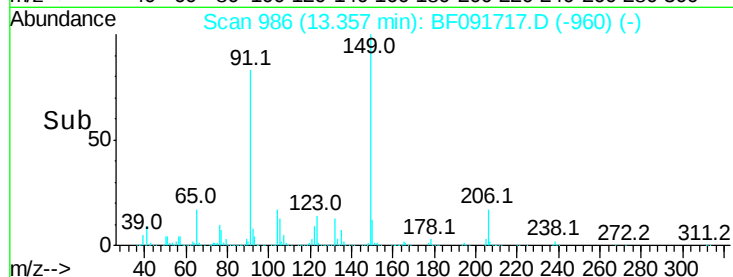
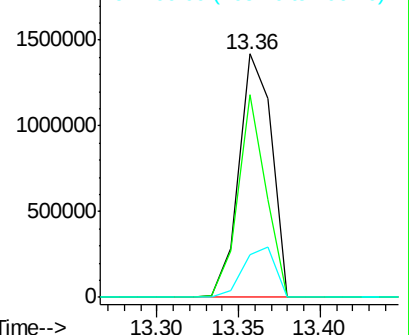
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.78 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF091717.D

Acq: 17 Dec 2016 16:11

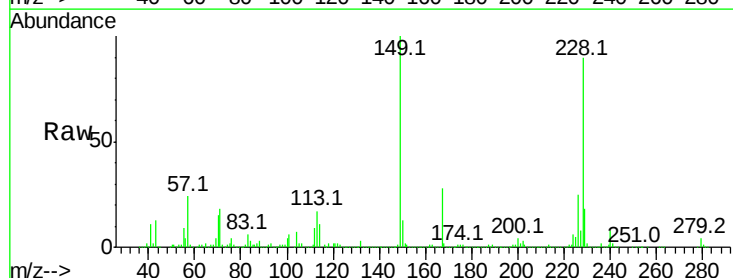
Tgt Ion:228 Resp: 2733571

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

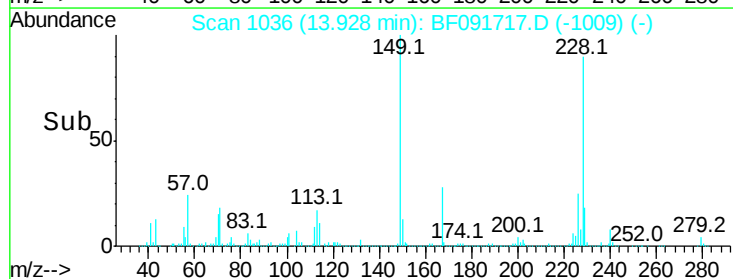
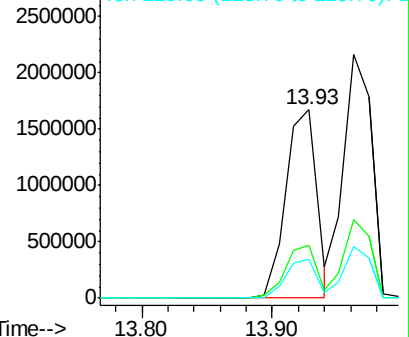
229 20.4 16.2 24.4

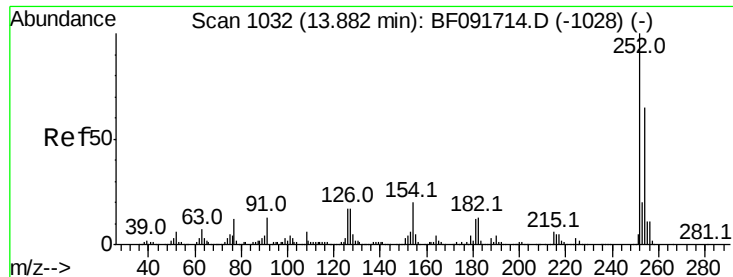


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





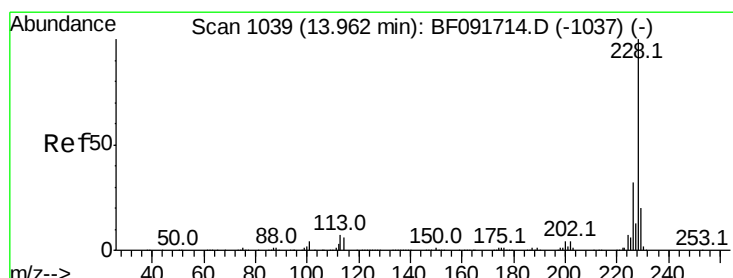
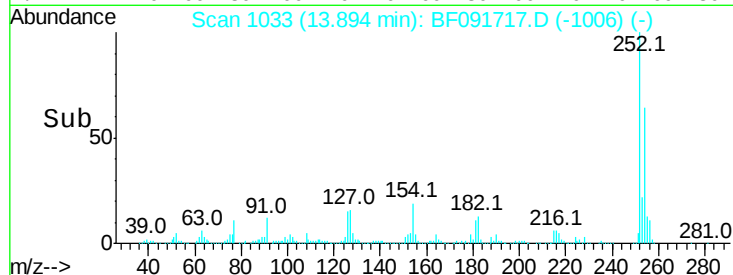
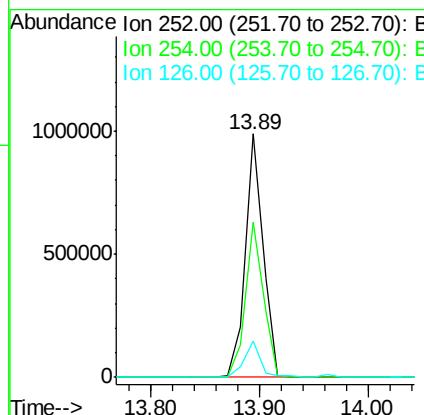
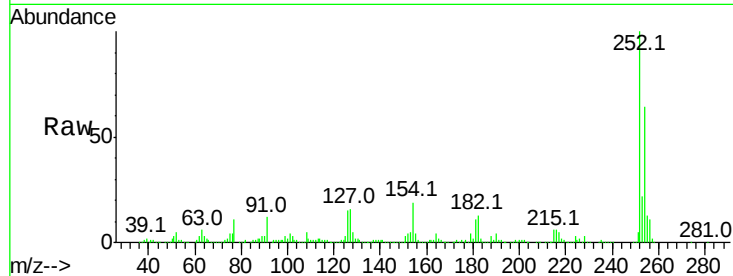
#81
 3,3'-Dichlorobenzidine
 Concen: 60.55 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	15.1	13.6	20.4

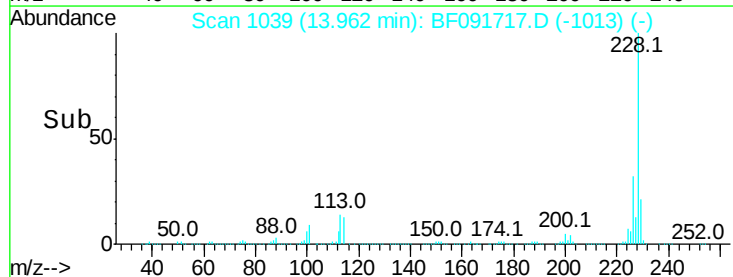
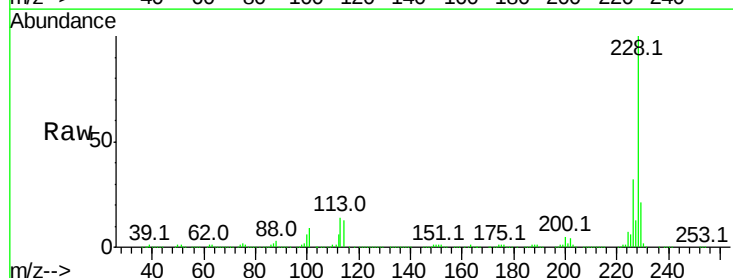
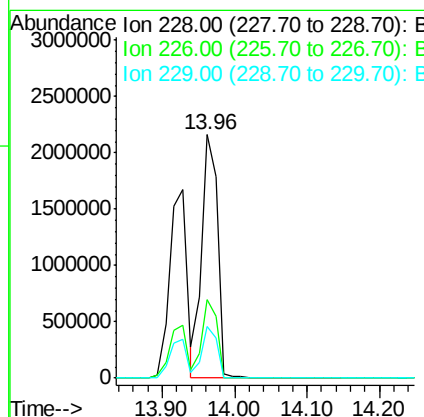
Manual Integrations
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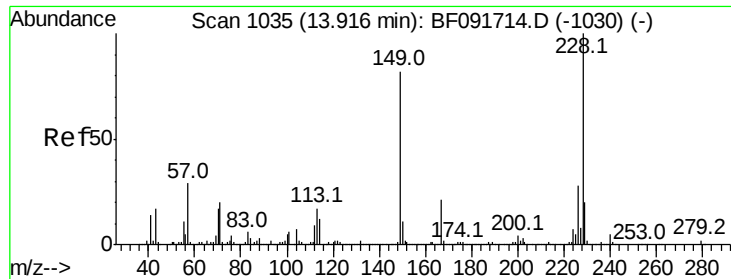
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#82
 Chrysene
 Concen: 62.37 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.4	38.0
229	21.1	16.2	24.2





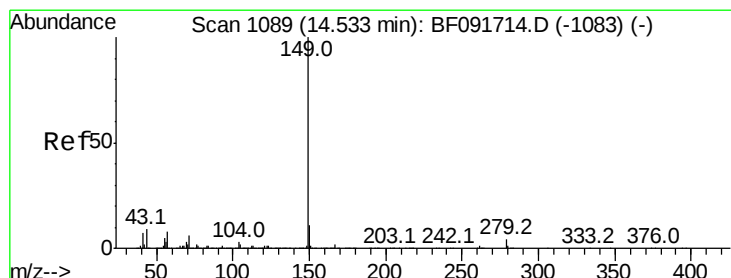
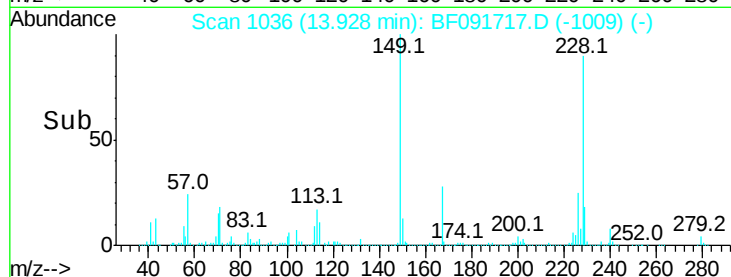
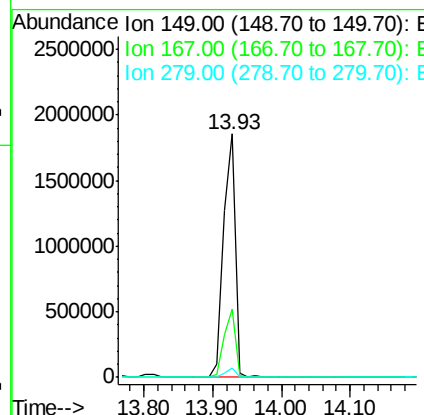
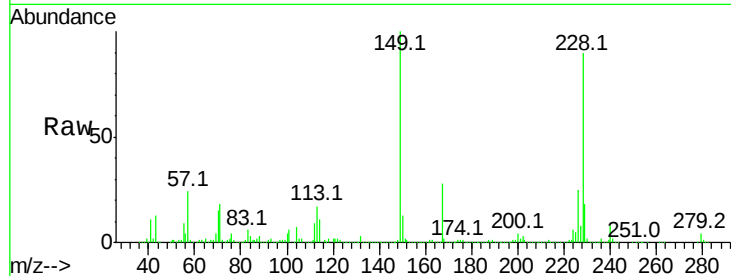
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.96 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:149 Resp: 2253239
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.2 30.4
 279 4.1 1.8 2.8#

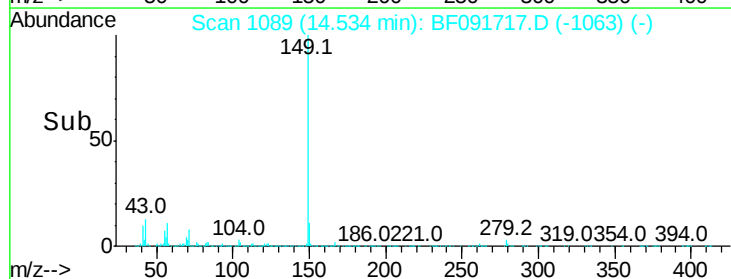
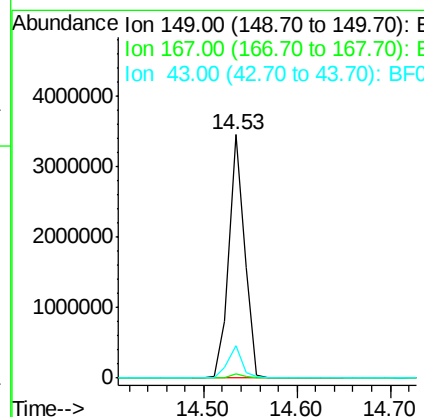
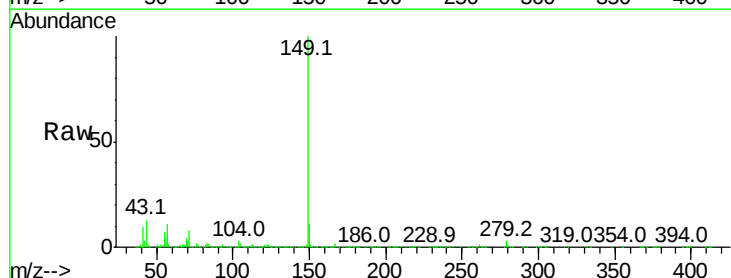
Manual Integrations
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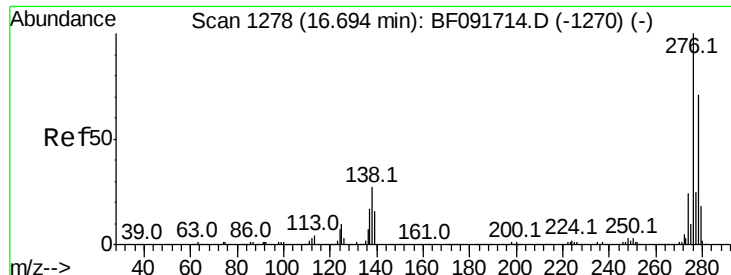
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#84
 Di-n-octyl phthalate
 Concen: 68.30 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Tgt Ion:149 Resp: 4047749
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.8 8.9 13.3





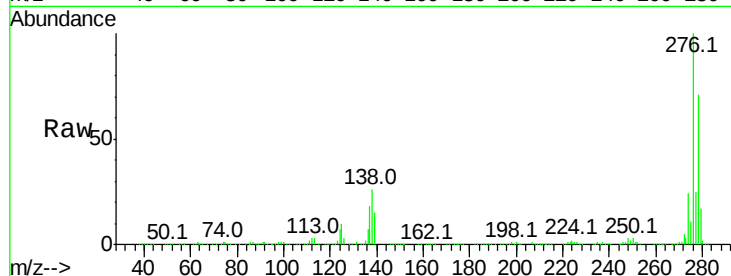
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.03 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

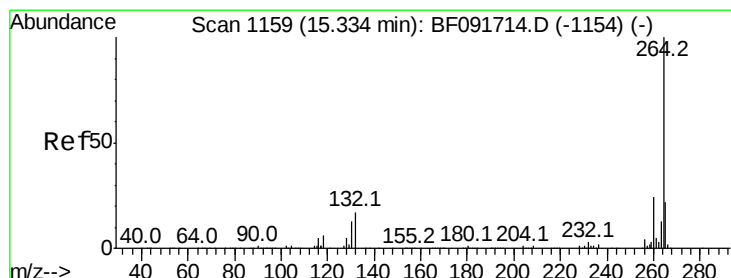
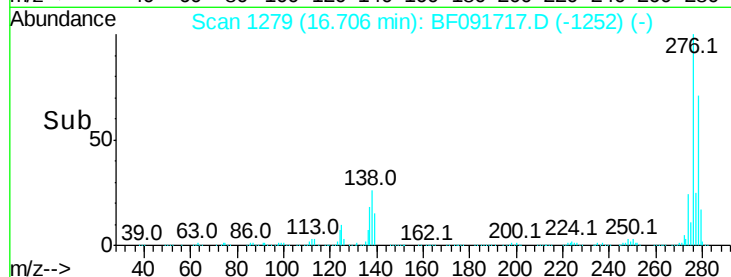
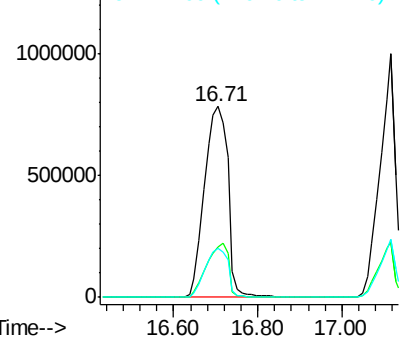
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.6
277	25.2	20.2	30.4

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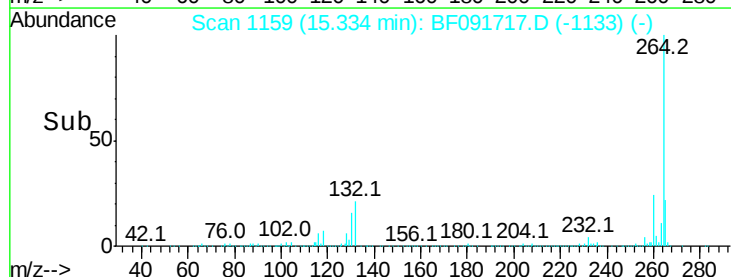
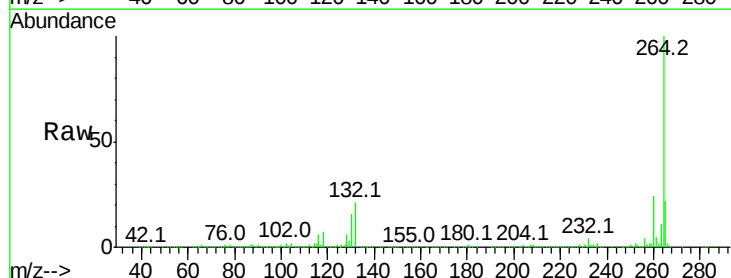
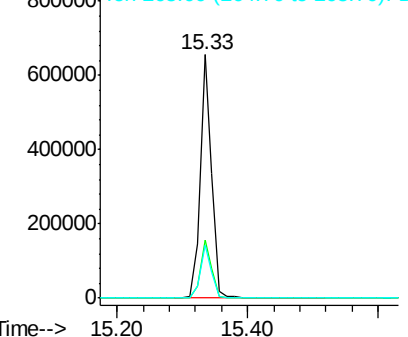
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

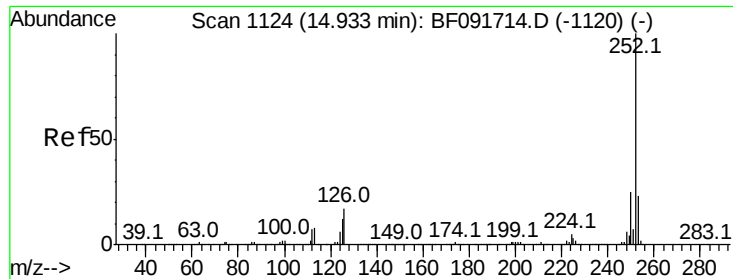


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





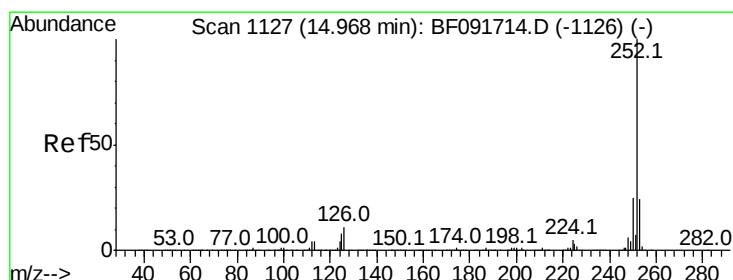
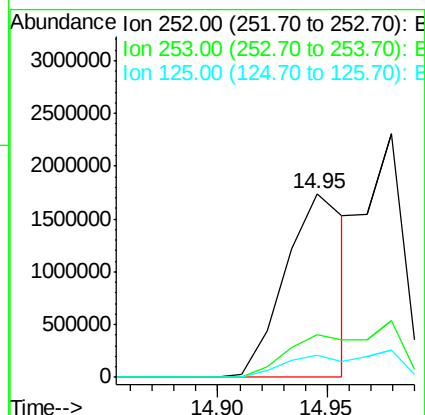
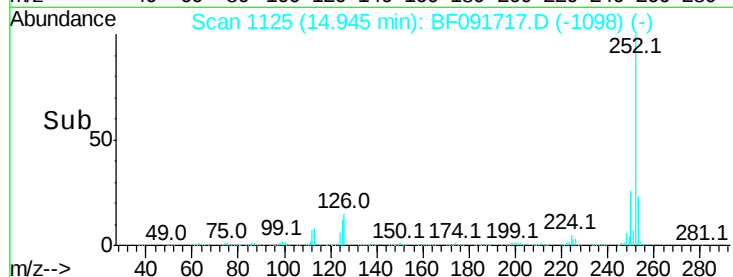
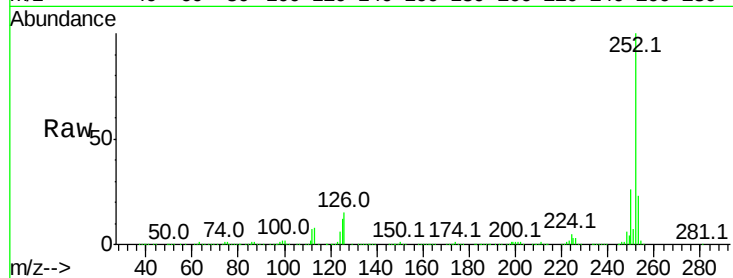
#87
Benzo(b)fluoranthene
Concen: 68.53 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	11.8	9.8	14.6

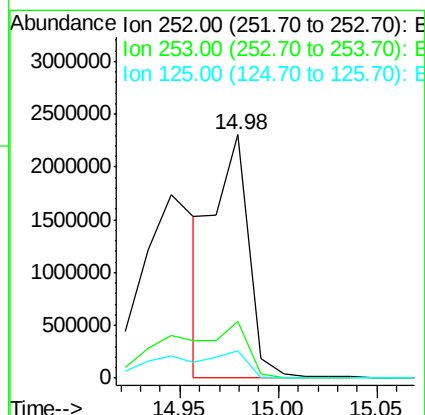
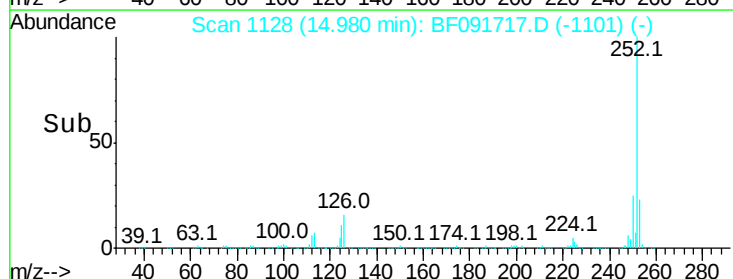
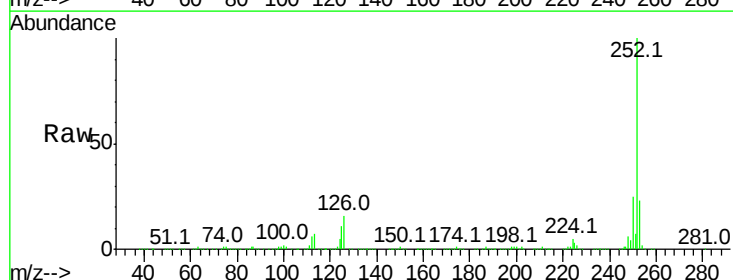
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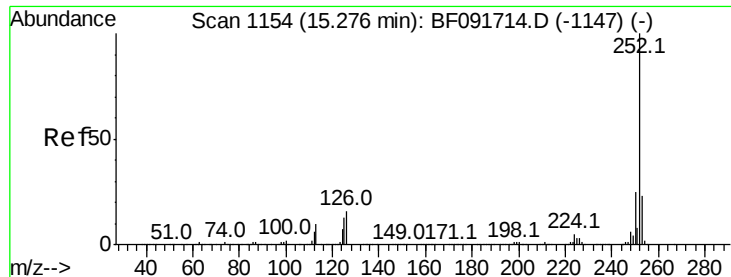
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#88
Benzo(k)fluoranthene
Concen: 67.64 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	11.0	8.9	13.3





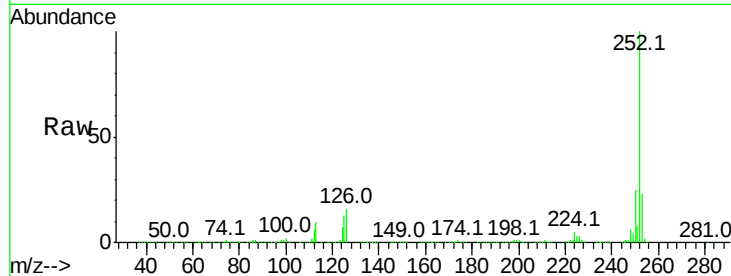
#89
Benzo(a)pyrene
Concen: 67.65 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

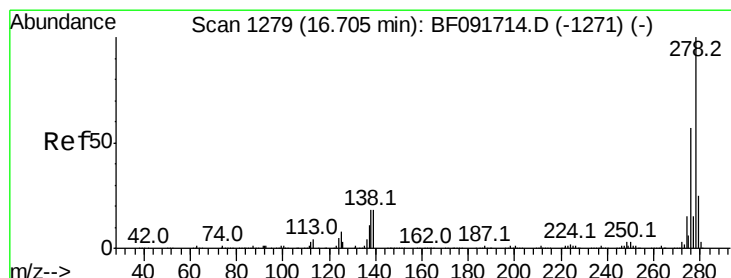
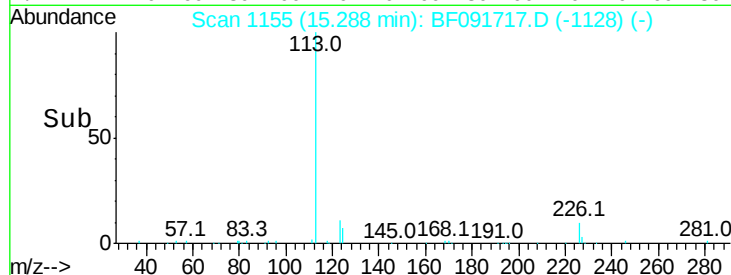
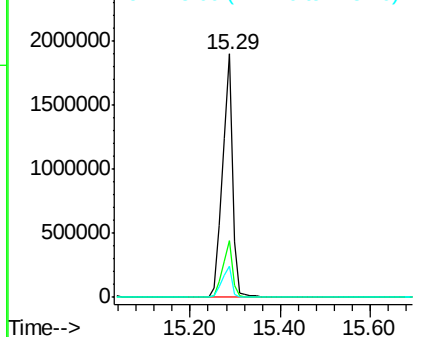
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	12.8	10.0	15.0

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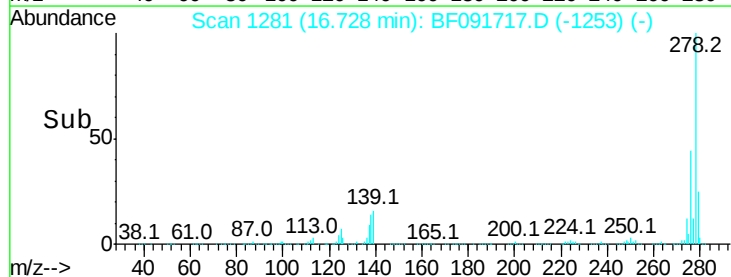
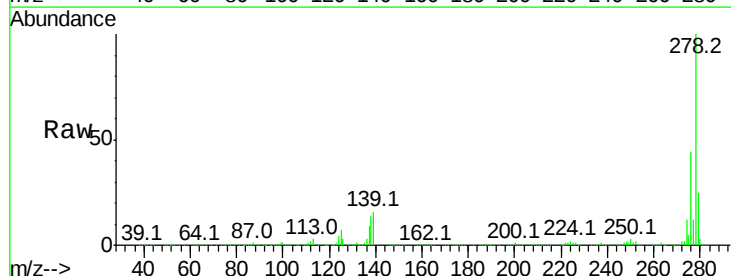
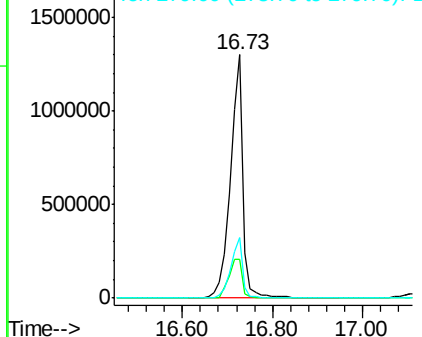
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

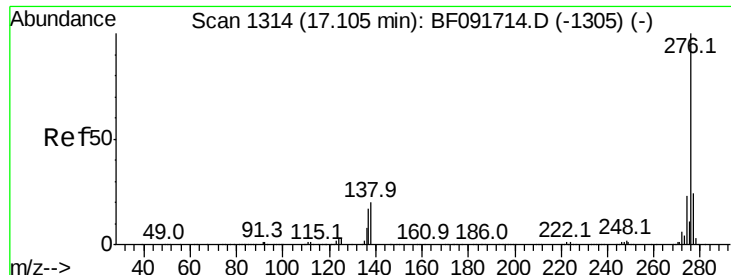


#90
Dibenzo(a,h)anthracene
Concen: 63.63 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BF091717.D
Acq: 17 Dec 2016 16:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.8	22.2
279	25.0	19.8	29.6

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





#91
 Benzo(a,h,i)perylene
 Concen: 64.54 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF091717.D
 Acq: 17 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	23.0	16.0	24.0

Manual Integrations
 APPROVED

umangi
 12/20/2016 11:40:27 AM

