

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091966.D
 Acq On : 27 Dec 2016 14:31
 Operator : UM/SJ
 Sample : H6226-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Quant Time: Dec 28 10:00:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 09:54:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	224349	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	931705	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	507816	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	790380	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	530455	20.00	ng	-0.01
86) Perylene-d12	15.29	264	415185	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1899379	141.36	ng	0.02
7) Phenol-d6	6.42	99	2397777	146.17	ng	0.01
23) Nitrobenzene-d5	7.31	82	1746311	104.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	621893	147.98	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2568336	106.96	ng	-0.01
78) Terphenyl-d14	12.84	244	2319110	106.03	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	311168	47.04	ng	99
3) Pyridine	2.99	79	875255	37.91	ng	100
4) n-Nitrosodimethylamine	2.96	42	381742	43.83	ng	95
8) 2-Chlorophenol	6.53	128	819101	53.59	ng	98
9) Benzaldehyde	6.27	77	93249	7.57	ng	98
10) Phenol	6.43	94	1023122	54.73	ng	# 74
11) bis(2-Chloroethyl)ether	6.48	93	983188	66.10	ng	97
12) 1,3-Dichlorobenzene	6.67	146	833046	51.06	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	797586	48.03	ng	97
14) 1,2-Dichlorobenzene	6.90	146	643276	44.64	ng	96
15) Benzyl Alcohol	6.90	79	631376	49.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1115958	50.38	ng	# 47
17) 2-Methylphenol	7.04	107	645008	52.47	ng	97
18) Hexachloroethane	7.24	117	300510	48.81	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	590619	54.12	ng	99
20) 3+4-Methylphenols	7.18	107	832469	56.78	ng	# 74
22) Acetophenone	7.15	105	1143563	49.76	ng	# 94
24) Nitrobenzene	7.32	77	872479	48.89	ng	99
25) Isophorone	7.57	82	1613776	52.20	ng	97
26) 2-Nitrophenol	7.64	139	445502	50.62	ng	97
27) 2,4-Dimethylphenol	7.70	122	673276	46.13	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	880346	46.96	ng	100
29) 2,4-Dichlorophenol	7.90	162	686012	55.50	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	652244	48.16	ng	# 95
31) Naphthalene	8.04	128	2054401	48.18	ng	100
32) Benzoic acid	7.86	122	441787	40.81	ng	98
33) 4-Chloroaniline	8.12	127	177721	9.24	ng	98
34) Hexachlorobutadiene	8.17	225	381047	53.30	ng	98
35) Caprolactam	8.50	113	184619m	45.45	ng	
36) 4-Chloro-3-methylphenol	8.61	107	684548	48.13	ng	100
37) 2-Methylnaphthalene	8.74	142	1550048	53.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	586003	45.67	ng	98
40) Hexachlorocyclopentadiene	8.89	237	531124	92.31	ng	96
42) 2,4,6-Trichlorophenol	9.02	196	428841	47.79	ng	97

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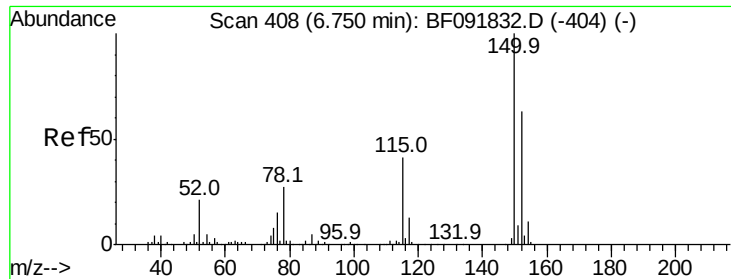
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.08	196	434592	47.06	nq	# 92
45) 1,1'-Biphenyl	9.21	154	1873171	53.87	nq	98
46) 2-Chloronaphthalene	9.23	162	1408300	51.14	nq	98
47) 2-Nitroaniline	9.33	65	411619	41.98	nq	95
48) Acenaphthylene	9.64	152	2056433	48.56	nq	100
49) Dimethylphthalate	9.52	163	1664782	51.26	nq	99
50) 2,6-Dinitrotoluene	9.57	165	327737	46.10	nq	# 68
51) Acenaphthene	9.81	154	1370458	47.73	nq	99
52) 3-Nitroaniline	9.74	138	155292	17.65	nq	89
53) 2,4-Dinitrophenol	9.86	184	428072	108.22	nq	# 87
54) Dibenzofuran	9.98	168	1785441	46.05	nq	98
55) 4-Nitrophenol	9.95	139	554444	92.82	nq	# 85
56) 2,4-Dinitrotoluene	9.97	165	445909	49.98	nq	# 74
57) Fluorene	10.33	166	1485448	52.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	359286	49.19	nq	# 96
59) Diethylphthalate	10.21	149	1629060	51.65	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	569238	46.09	nq	99
61) 4-Nitroaniline	10.36	138	221359	24.28	nq	99
62) Azobenzene	10.48	77	1688257	48.61	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	253236	52.99	nq	# 43
65) n-Nitrosodiphenylamine	10.44	169	1092272	46.57	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	431300	52.46	nq	94
67) Hexachlorobenzene	10.88	284	467866	53.24	nq	# 90
68) Atrazine	10.97	200	57721	7.63	nq	97
69) Pentachlorophenol	11.07	266	441003	102.27	nq	97
70) Phenanthrene	11.29	178	2206909	51.49	nq	99
71) Anthracene	11.33	178	1879644	52.40	nq	100
72) Carbazole	11.49	167	1677822	50.04	nq	99
73) Di-n-butylphthalate	11.82	149	2157597	53.95	nq	100
74) Fluoranthene	12.46	202	1969153	53.06	nq	99
77) Pyrene	12.69	202	1903246	48.90	nq	100
79) Butylbenzylphthalate	13.32	149	964152	54.47	nq	96
80) Benzo(a)anthracene	13.88	228	1545600	51.62	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	87947	7.75	nq	# 97
82) Chrysene	13.93	228	1580014	52.61	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1147701	55.06	nq	100
84) Di-n-octyl phthalate	14.50	149	2179785	56.45	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1482341	56.97	nq	99
87) Benzo(b)fluoranthene	14.90	252	1468849m	56.82	nq	
88) Benzo(k)fluoranthene	14.93	252	1477599m	67.03	nq	
89) Benzo(a)pyrene	15.23	252	1351520	58.91	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	1207313	64.02	nq	98
91) Benzo(g,h,i)perylene	17.04	276	1276527	65.10	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

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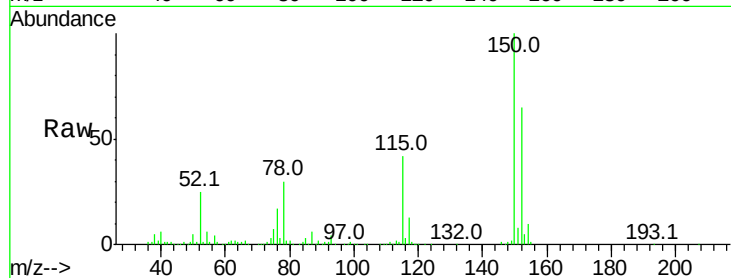
Tot Ion:152 Resp: 224349

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

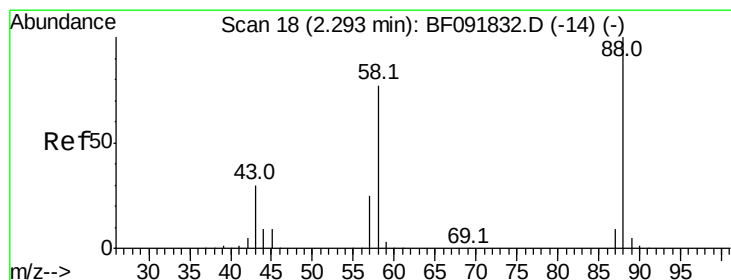
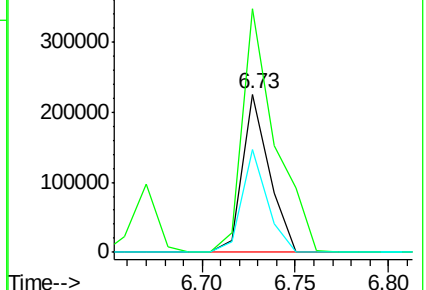
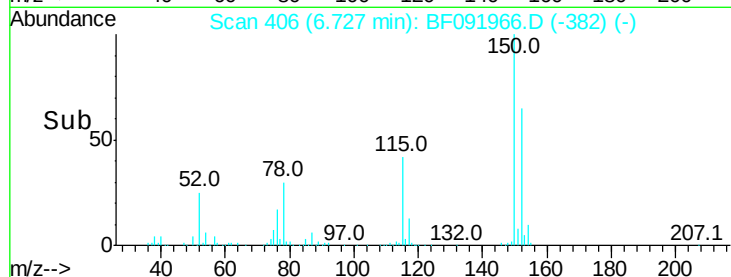
115 65.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 47.04 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

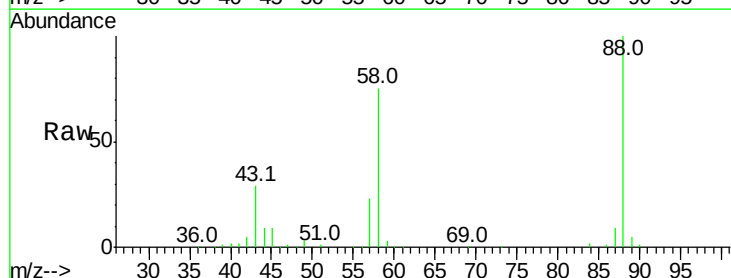
Tgt Ion: 88 Resp: 311168

Ion Ratio Lower Upper

88 100

58 73.2 57.8 86.8

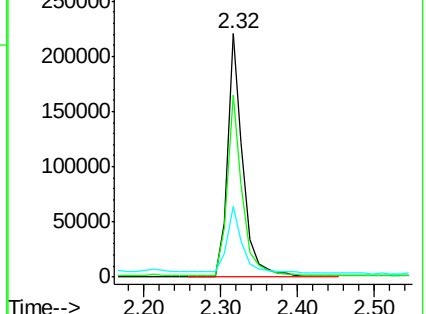
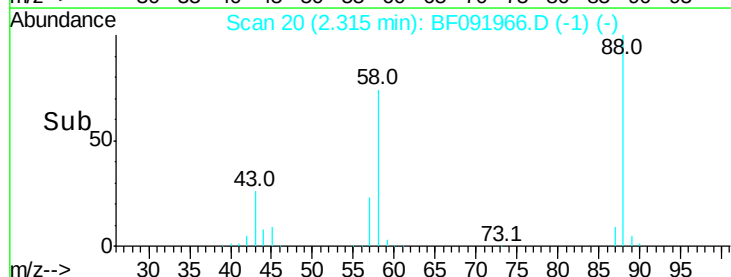
43 29.1 22.3 33.5

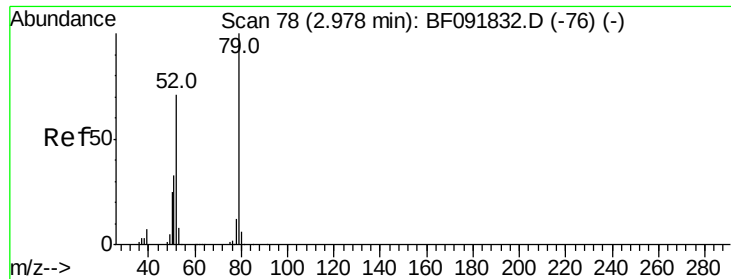


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.91 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

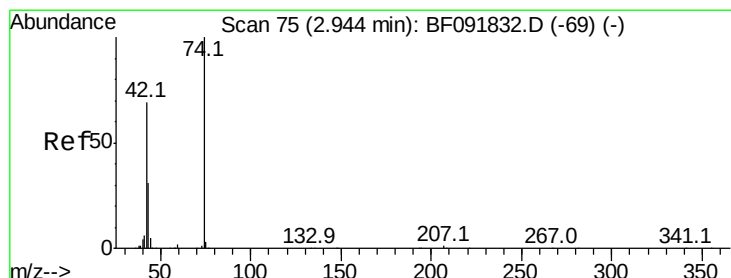
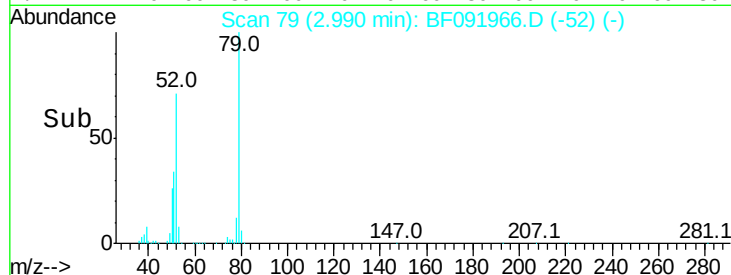
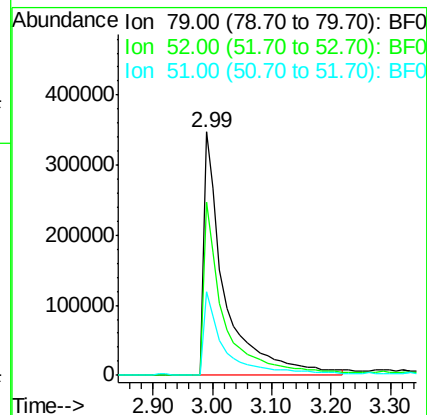
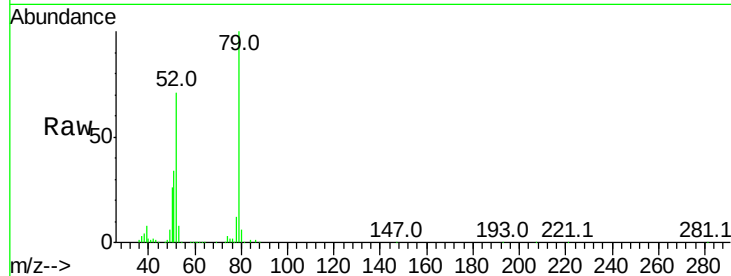
Tot Ion: 79 Resp: 875255

Ion Ratio Lower Upper

79 100

52 70.9 57.1 85.7

51 34.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.83 ng

RT: 2.96 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

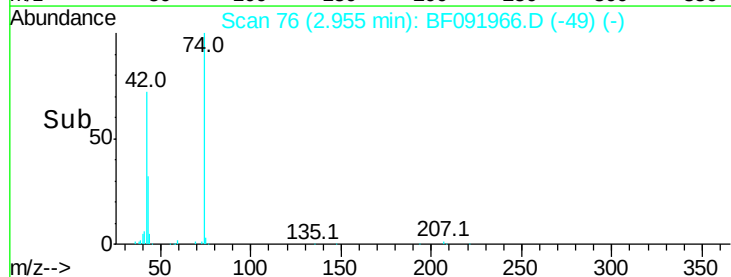
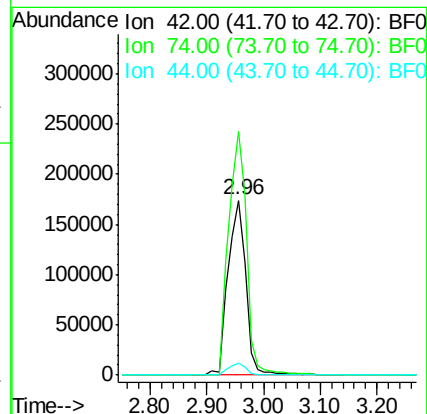
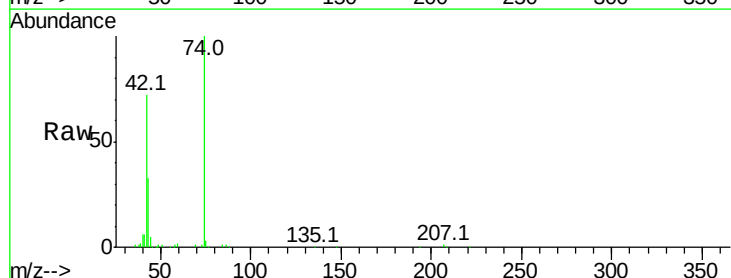
Tgt Ion: 42 Resp: 381742

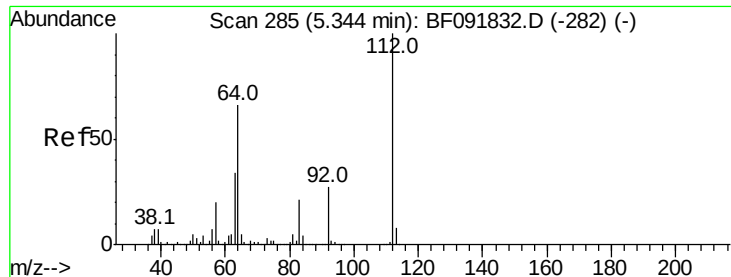
Ion Ratio Lower Upper

42 100

74 139.5 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 141.36 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

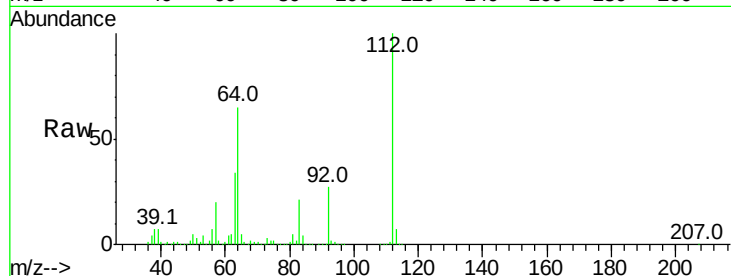
Tot Ion:112 Resp: 1899379

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

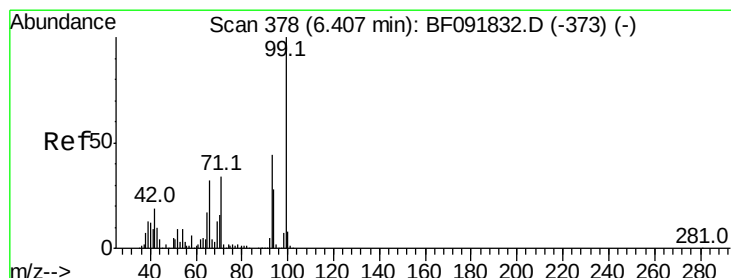
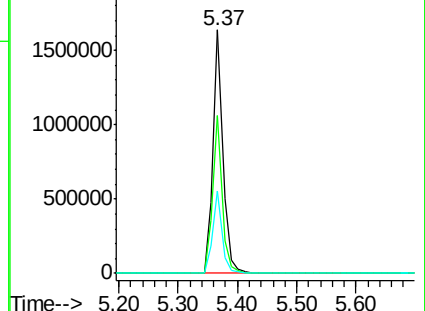
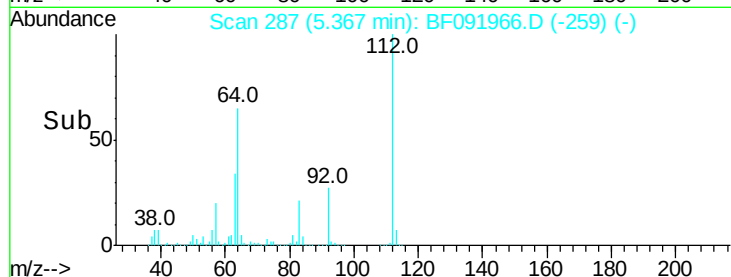
63 34.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 146.17 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

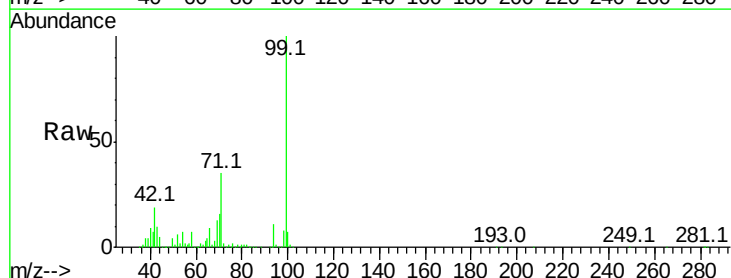
Tgt Ion: 99 Resp: 2397777

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

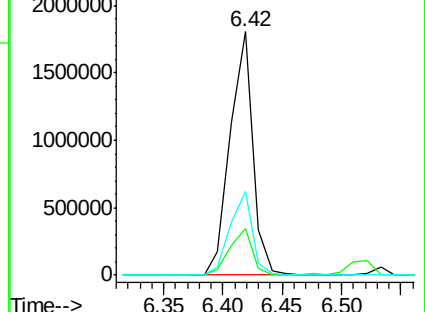
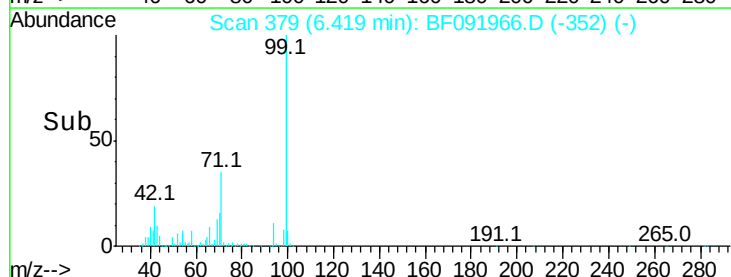
71 34.6 27.5 41.3

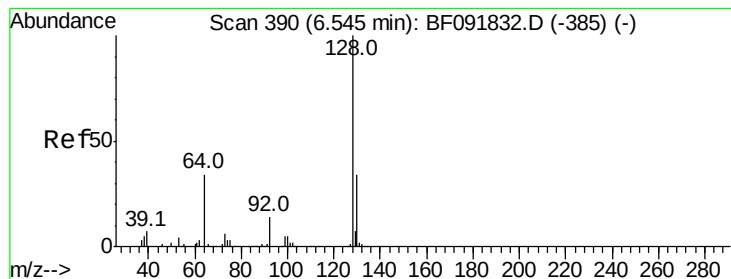


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 53.59 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091966.D

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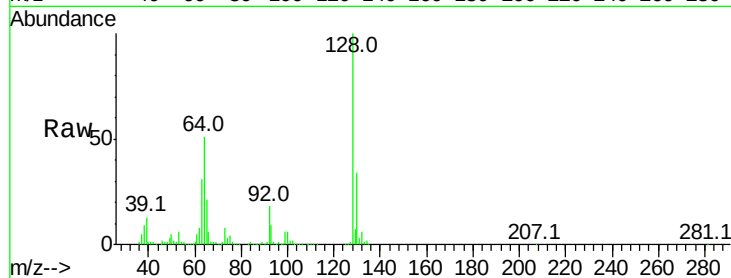
Tot Ion:128 Resp: 819101

Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

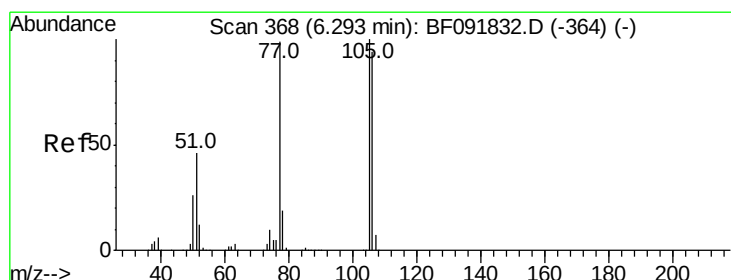
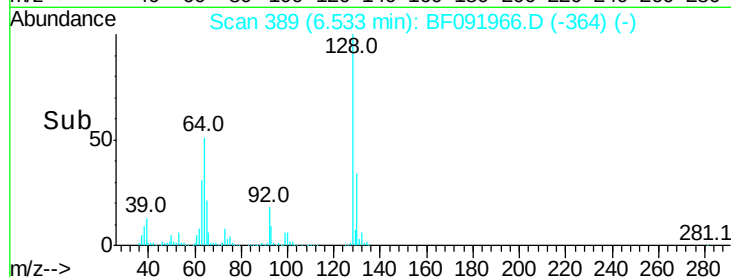
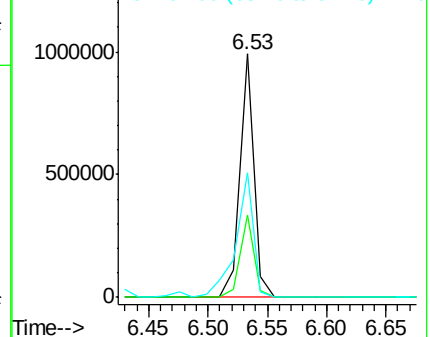
64 51.1 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 7.57 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

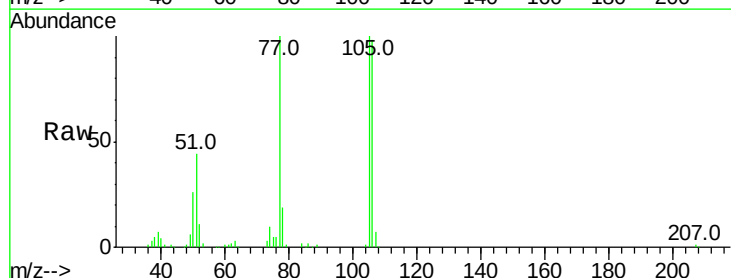
Tgt Ion: 77 Resp: 93249

Ion Ratio Lower Upper

77 100

105 99.7 83.9 123.9

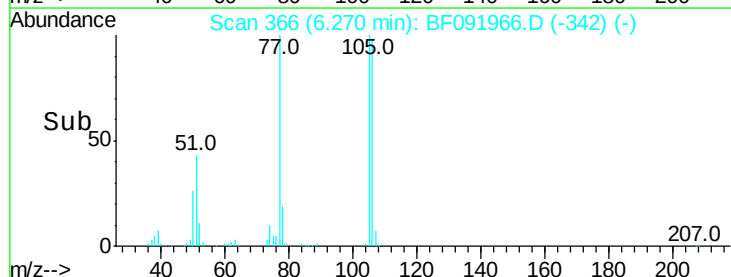
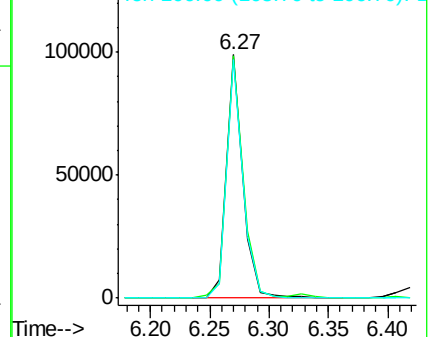
106 97.9 77.6 117.6

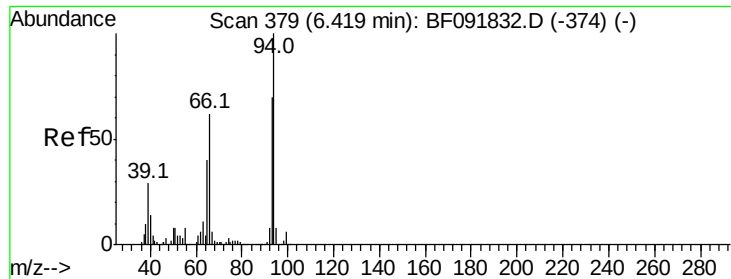


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 54.73 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

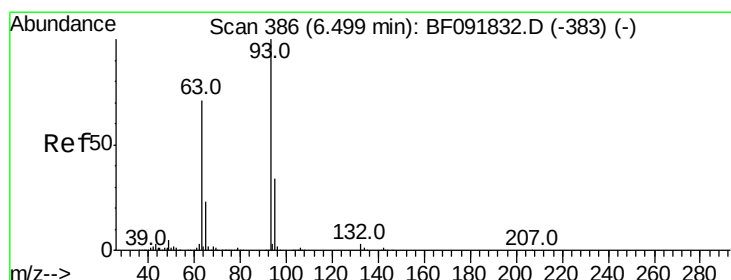
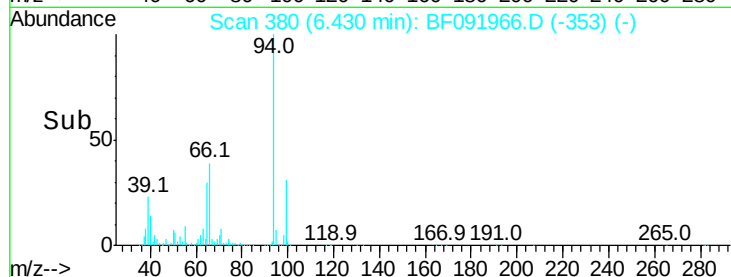
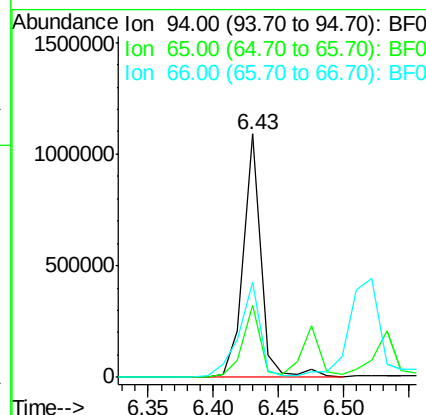
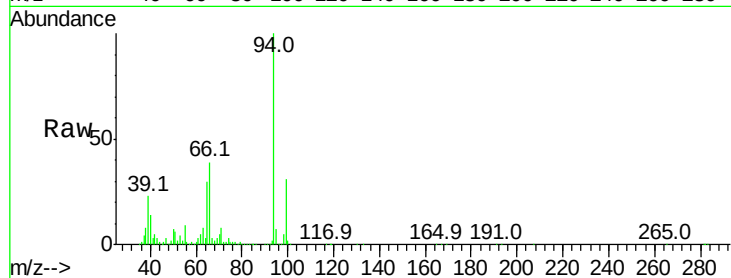
BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion: 94 Resp: 1023122

Ion	Ratio	Lower	Upper
94	100		
65	29.8	21.4	61.4
66	39.3	44.0	84.0#



#11

bis(2-Chloroethyl)ether

Concen: 66.10 ng

RT: 6.48 min Scan# 384

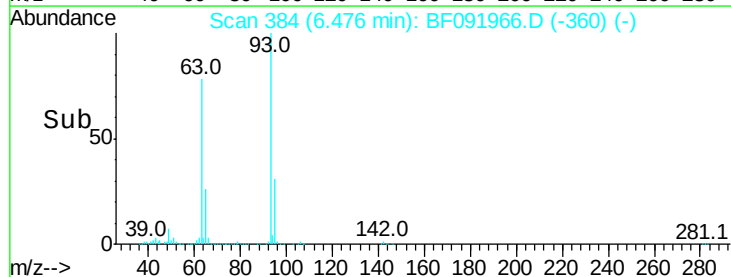
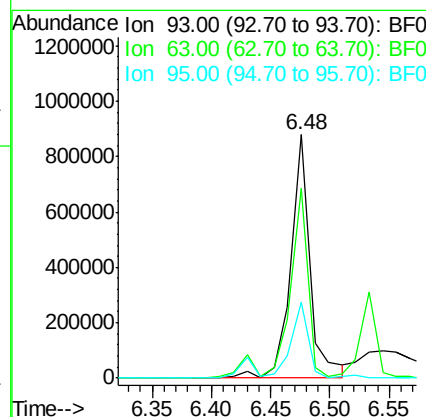
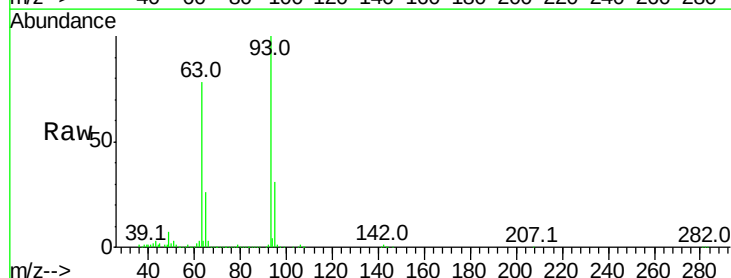
Delta R.T. -0.02 min

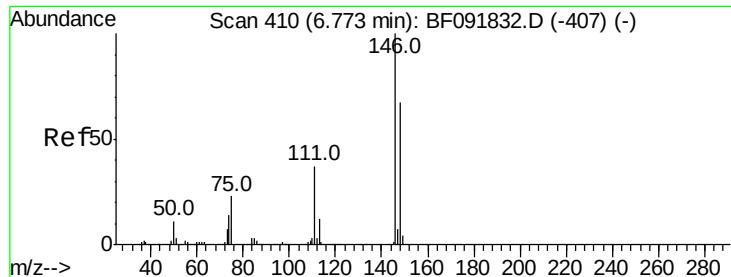
Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Tgt Ion: 93 Resp: 983188

Ion	Ratio	Lower	Upper
93	100		
63	77.8	60.4	100.4
95	31.1	12.8	52.8

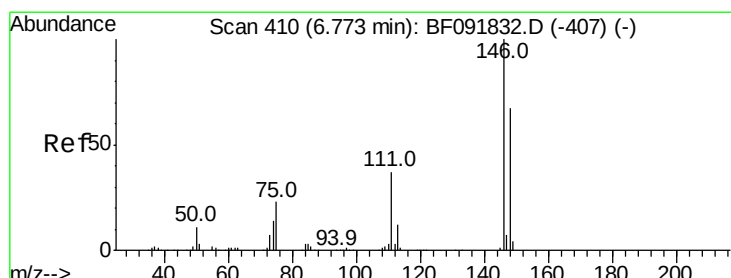
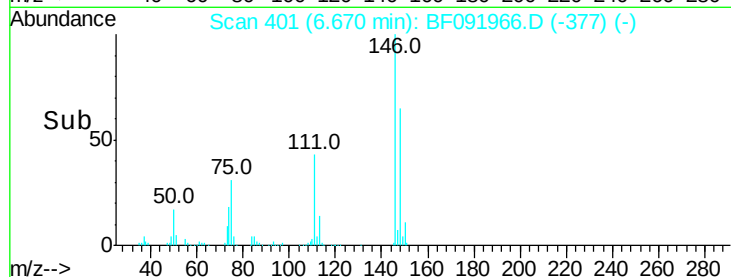
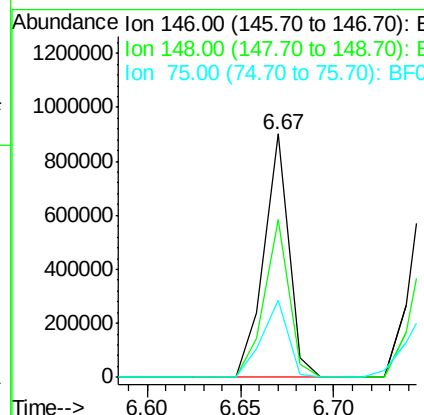
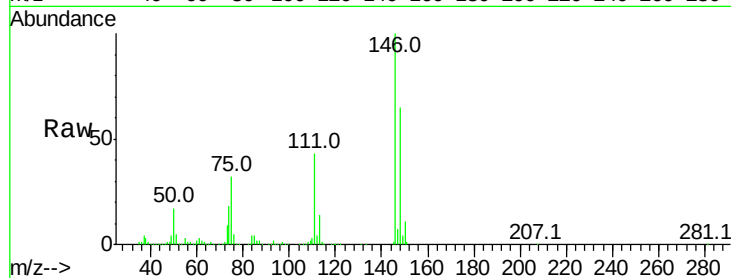




#12
 1,3-Dichlorobenzene
 Concen: 51.06 ng
 RT: 6.67 min Scan# 401
 Delta R.T. -0.02 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

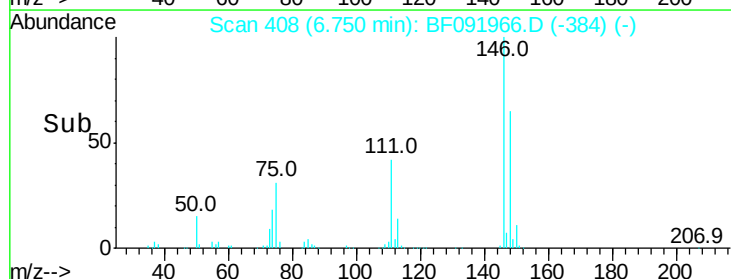
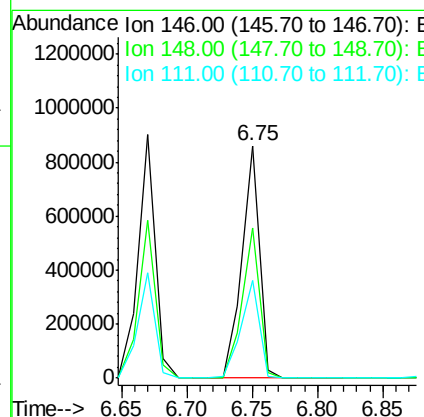
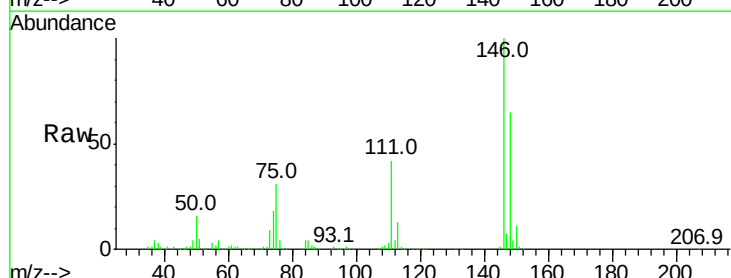
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

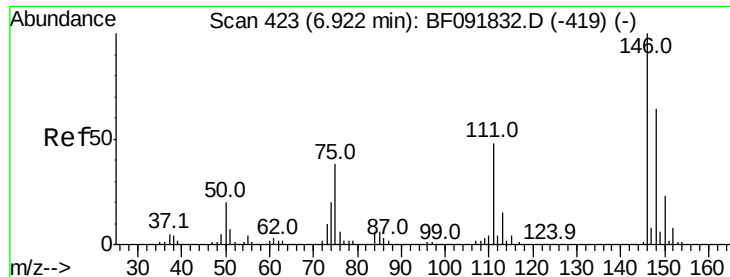
Tot Ion:146 Resp: 833046
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.4 80.0
 75 31.5 18.5 27.7#



#13
 1,4-Dichlorobenzene
 Concen: 48.03 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Tgt Ion:146 Resp: 797586
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 76.0
 111 41.8 36.2 54.4





#14

1,2-Dichlorobenzene

Concen: 44.64 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

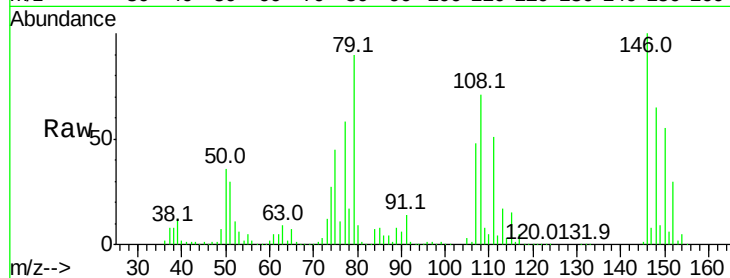
Tot Ion:146 Resp: 643276

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

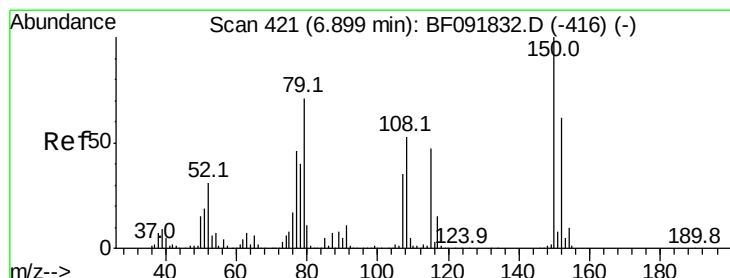
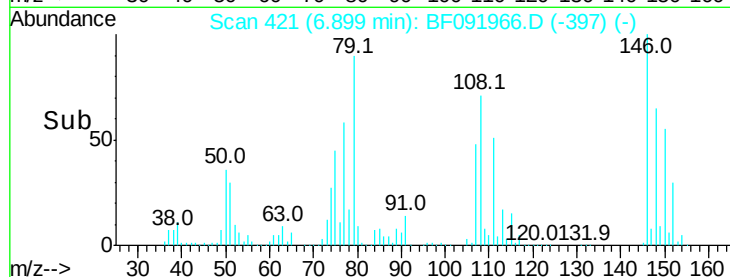
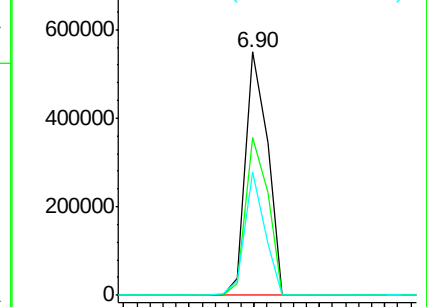
111 50.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 49.53 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

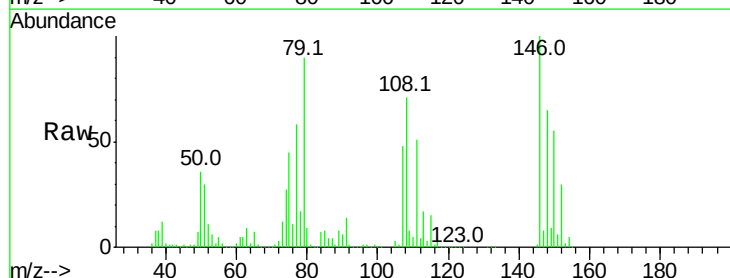
Tgt Ion: 79 Resp: 631376

Ion Ratio Lower Upper

79 100

108 78.6 61.4 92.0

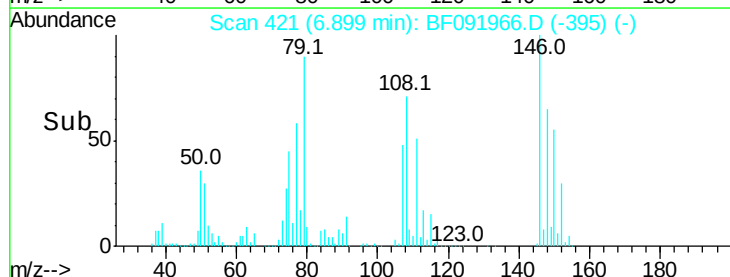
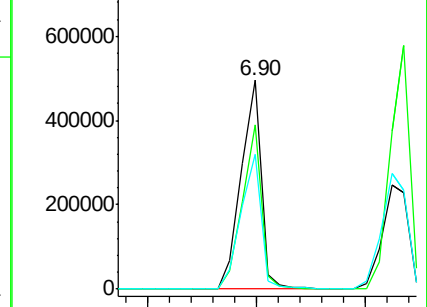
77 64.5 50.9 76.3

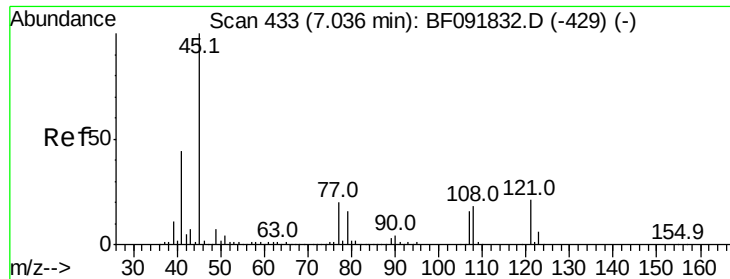


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

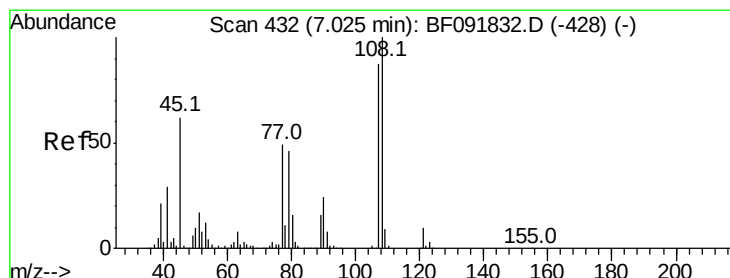
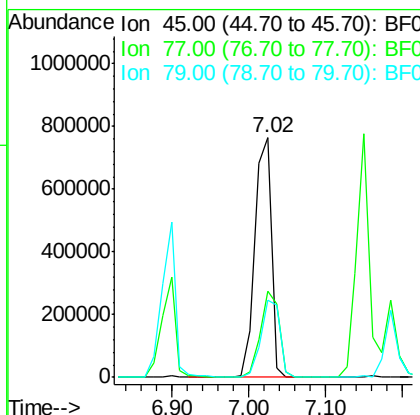
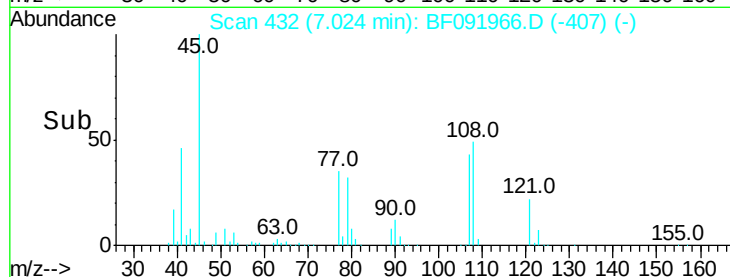
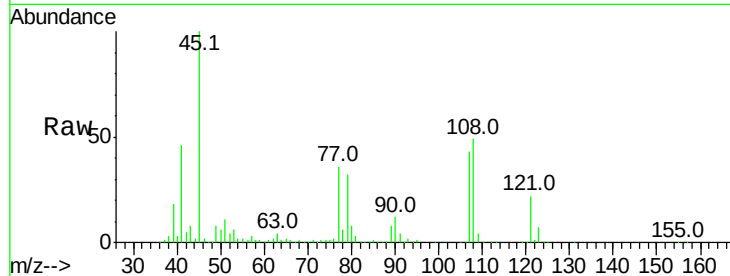




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 50.38 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

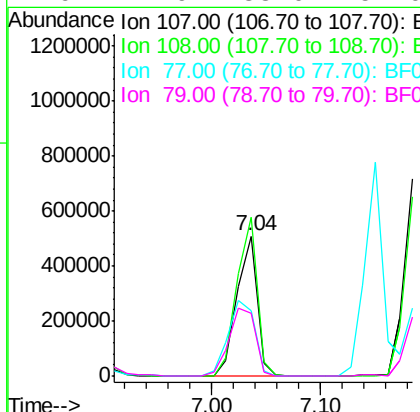
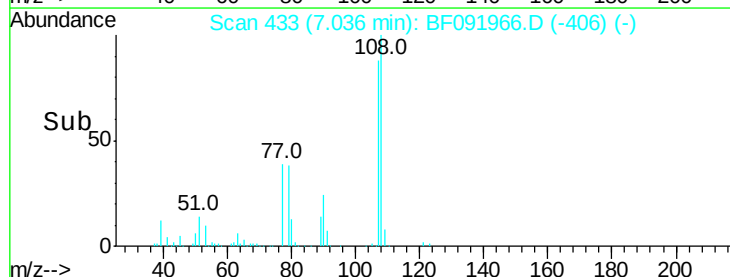
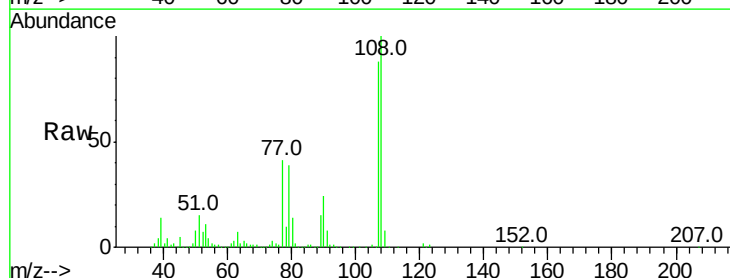
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

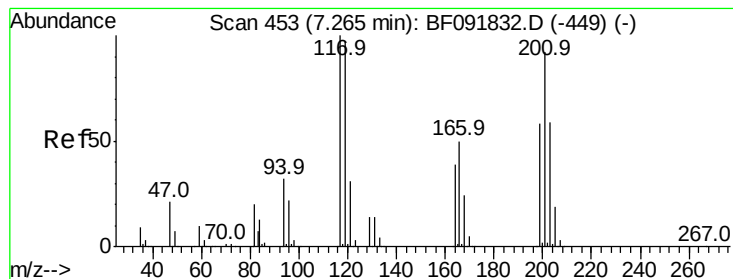
Tot Ion: 45 Resp: 1115958
Ion Ratio Lower Upper
45 100
77 35.9 0.0 34.6#
79 32.3 0.0 31.2#



#17
2-Methylphenol
Concen: 52.47 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion: 107 Resp: 645008
Ion Ratio Lower Upper
107 100
108 113.9 93.0 139.6
77 46.4 39.8 59.8
79 44.9 38.0 57.0





#18

Hexachloroethane

Concen: 48.81 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

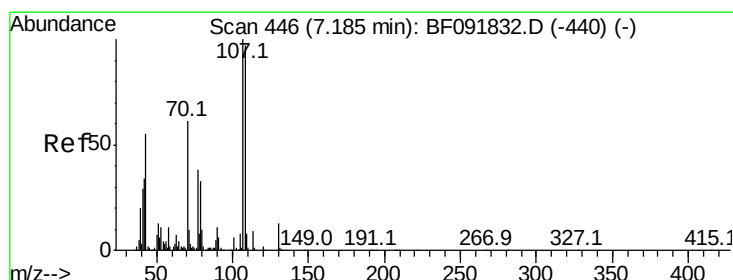
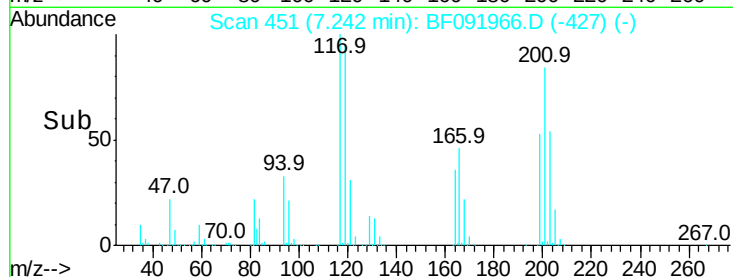
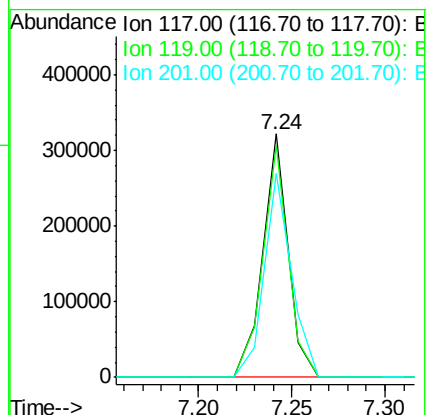
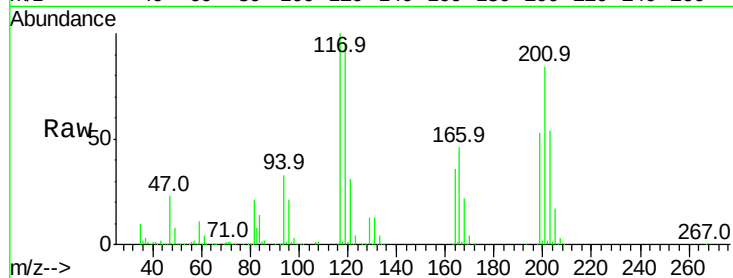
Tot Ion:117 Resp: 300510

Ion Ratio Lower Upper

117 100

119 95.2 78.1 117.1

201 83.9 78.6 117.8



#19

n-Nitroso-di-n-propylamine

Concen: 54.12 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Tgt Ion: 70 Resp: 590619

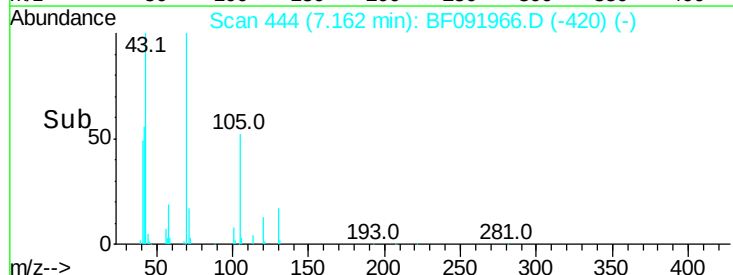
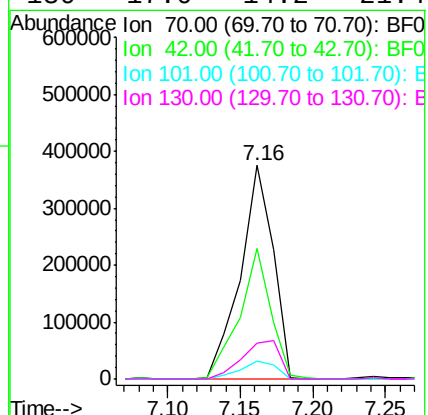
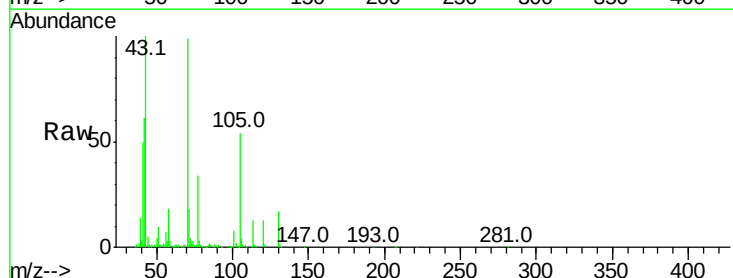
Ion Ratio Lower Upper

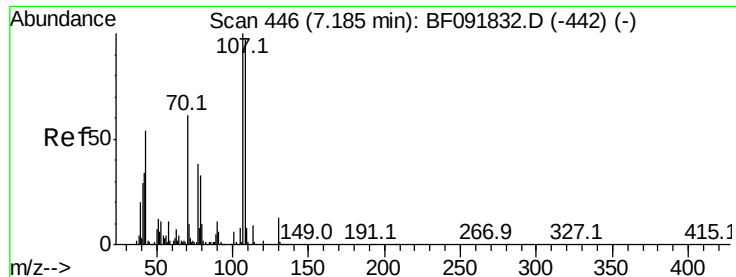
70 100

42 61.2 49.4 74.0

101 8.6 7.4 11.2

130 17.0 14.2 21.4





#20

3+4-Methylphenols

Concen: 56.78 ng

RT: 7.18 min Scan# 446

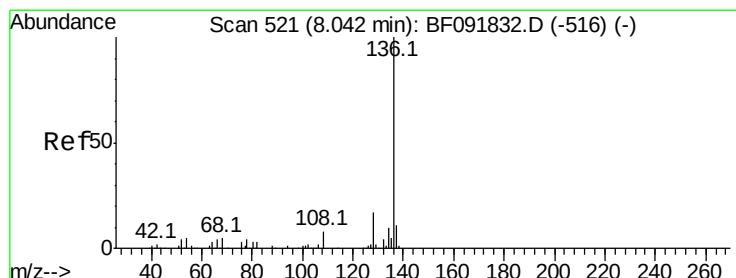
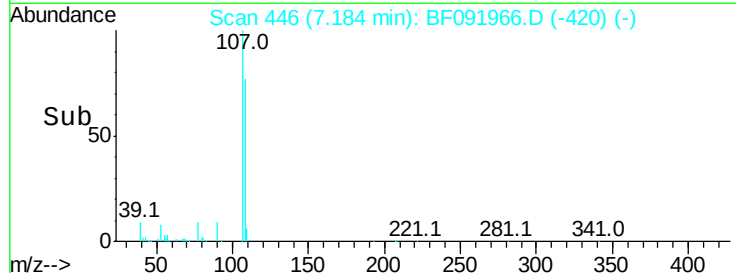
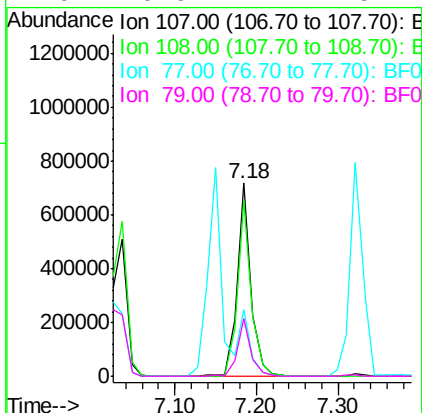
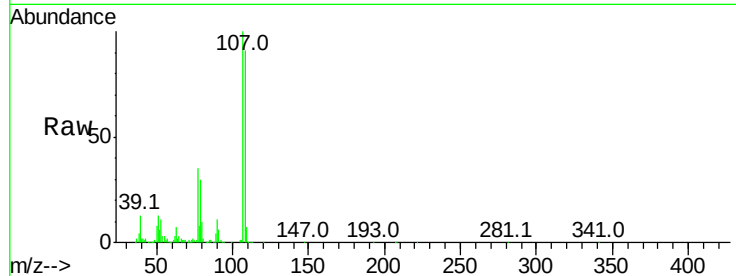
Delta R.T. 0.00 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:	107	Resp:	832469
Ion	Ratio	Lower	Upper
107	100		
108	91.2	73.0	113.0
77	34.5	71.3	111.3#
79	29.9	11.1	51.1



#21

Naphthalene-d8

Concen: 20.00 ng

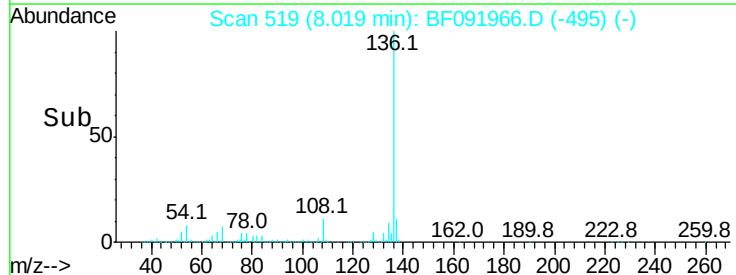
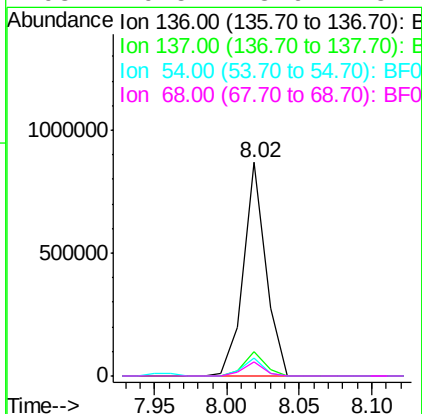
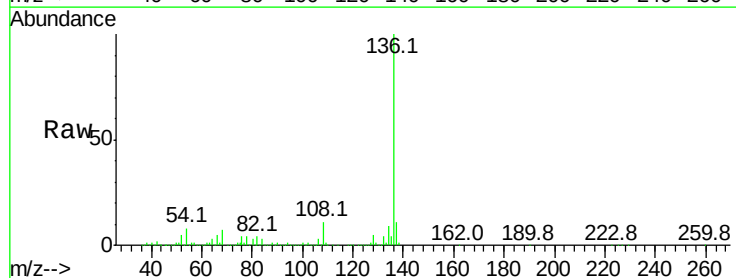
RT: 8.02 min Scan# 519

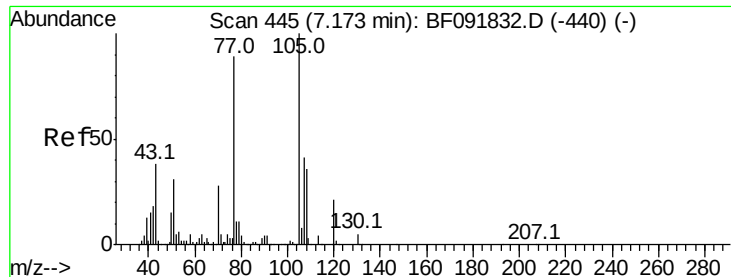
Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Tgt Ion:	136	Resp:	931705
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.4	4.5	6.7#
68	6.5	3.6	5.4#





#22

Acetophenone

Concen: 49.76 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion:105 Resp: 1143563

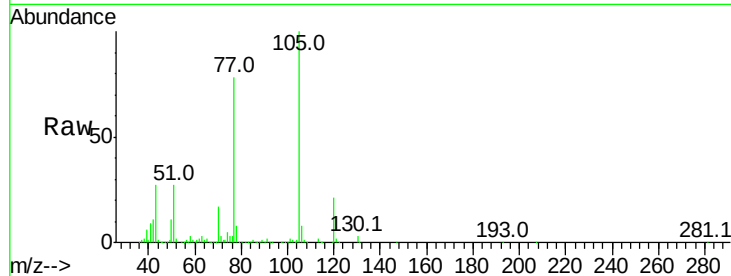
Ion Ratio Lower Upper

105 100

71 2.9 3.2 4.8#

51 27.1 26.2 39.4

120 20.6 16.6 24.8

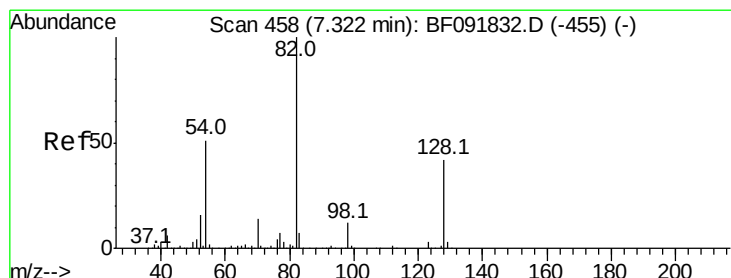
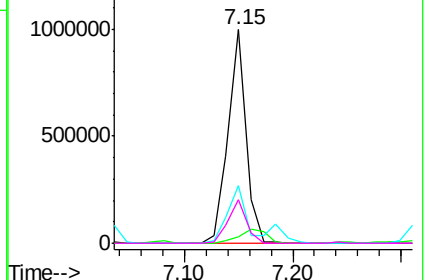
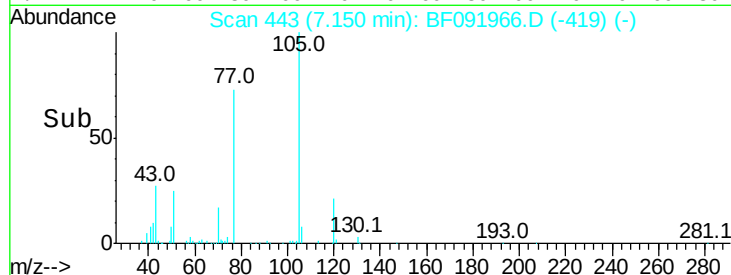


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 104.22 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

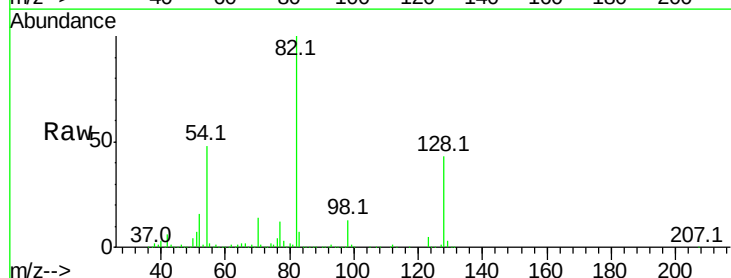
Tgt Ion: 82 Resp: 1746311

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

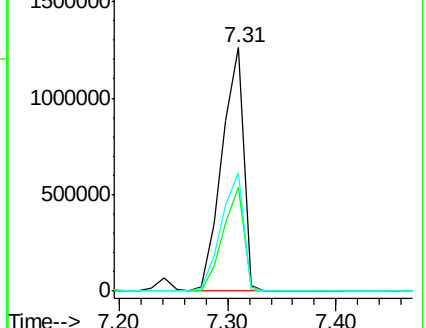
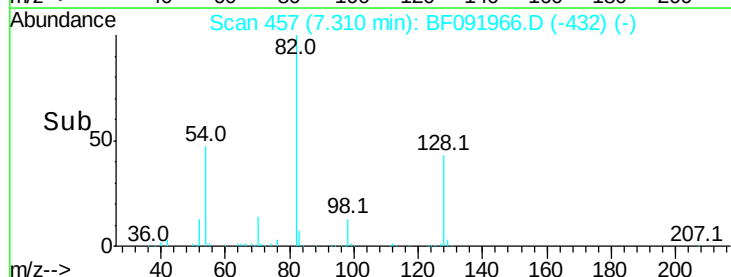
54 48.3 39.5 59.3

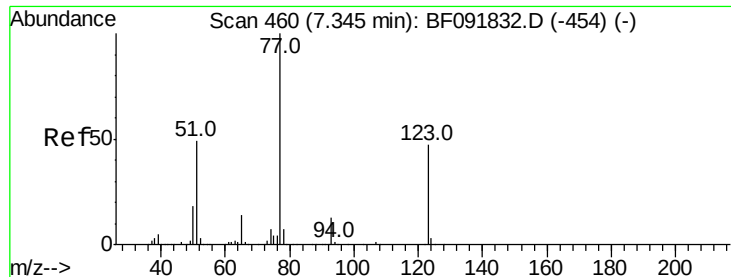


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 48.89 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

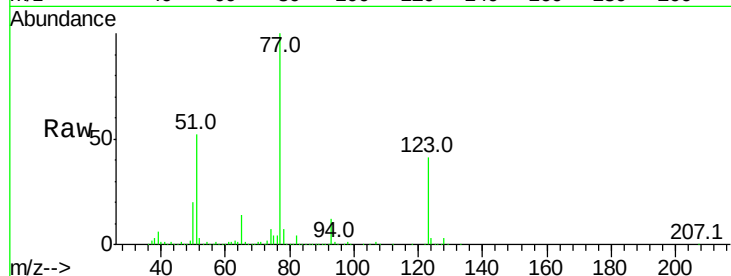
Tot Ion: 77 Resp: 872479

Ion Ratio Lower Upper

77 100

123 40.9 33.0 49.4

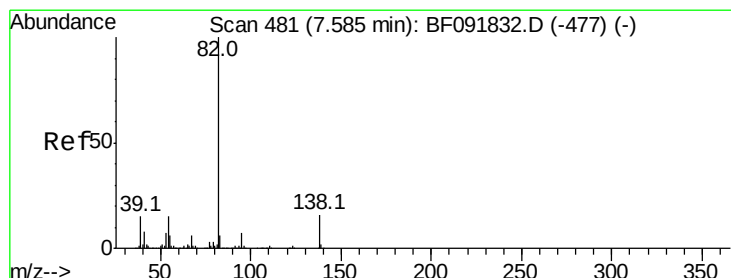
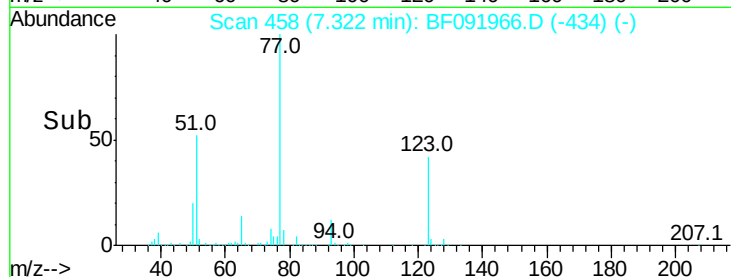
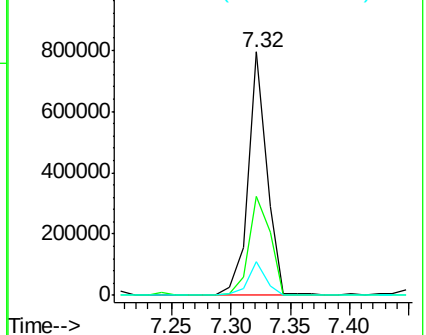
65 13.6 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 52.20 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

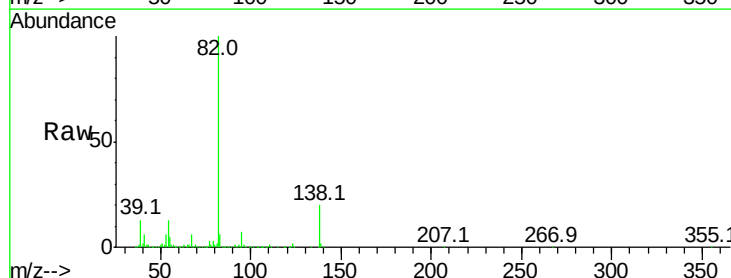
Tgt Ion: 82 Resp: 1613776

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

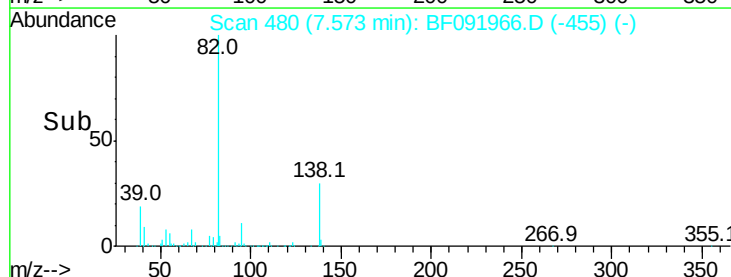
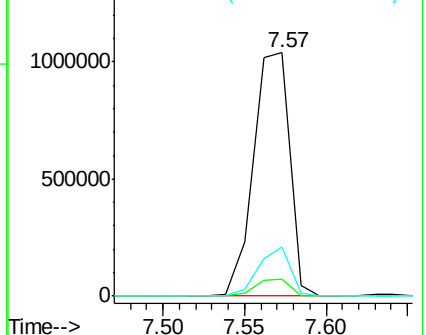
138 20.2 14.6 22.0

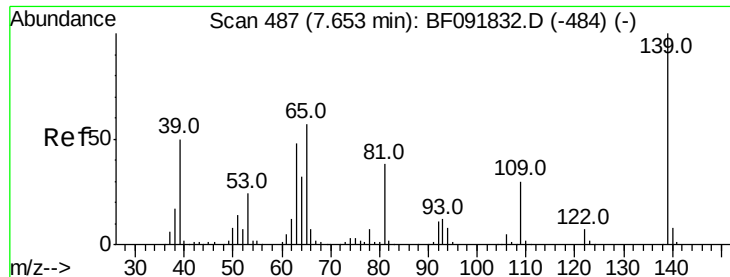


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

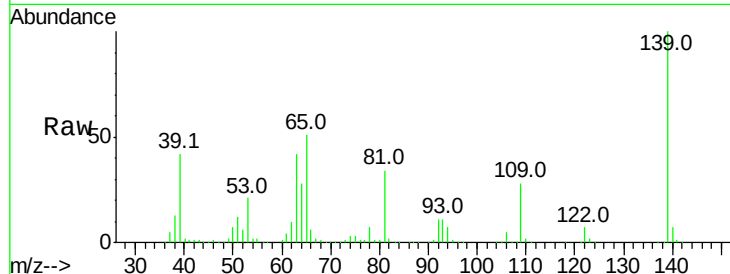




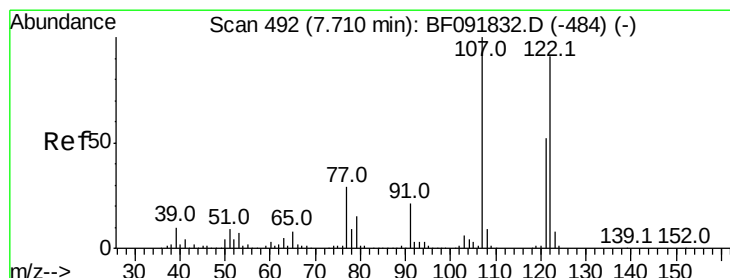
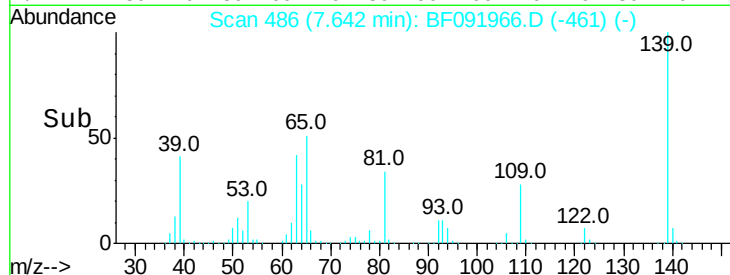
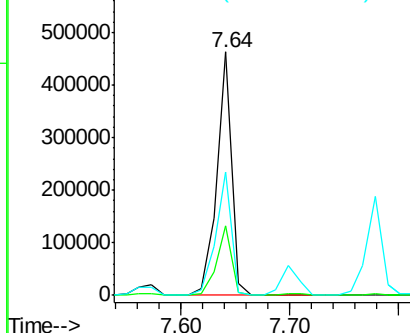
#26
2-Nitrophenol
Concen: 50.62 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:139 Resp: 445502
Ion Ratio Lower Upper
139 100
109 28.3 23.3 34.9
65 50.8 42.7 64.1

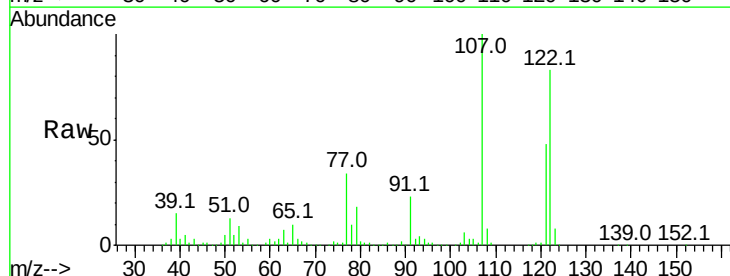


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

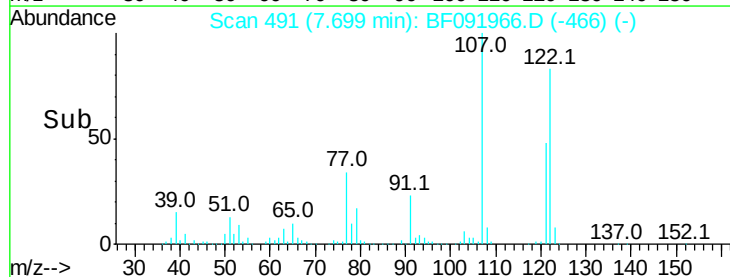
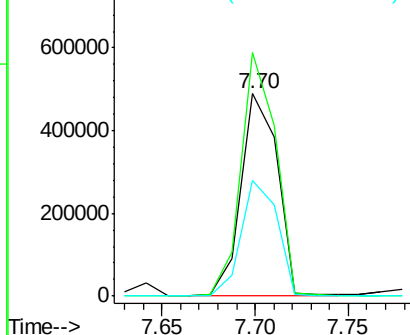


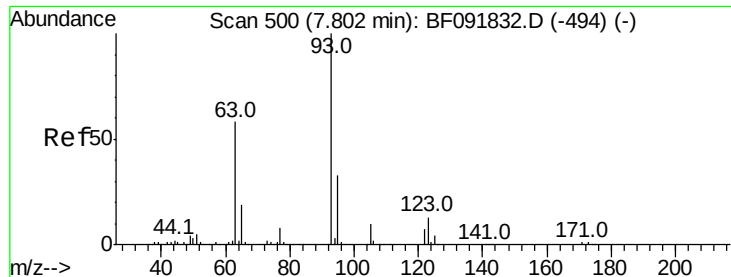
#27
2,4-Dimethylphenol
Concen: 46.13 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:122 Resp: 673276
Ion Ratio Lower Upper
122 100
107 120.4 94.1 141.1
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 46.96 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

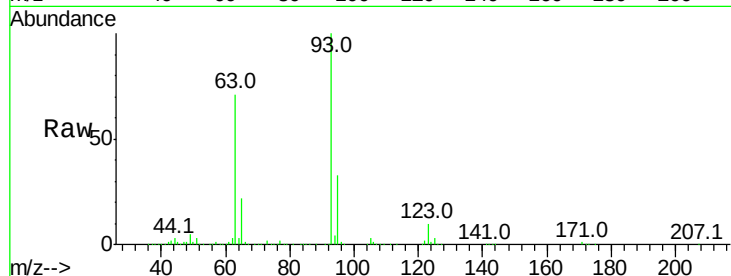
Tot Ion: 93 Resp: 880346

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

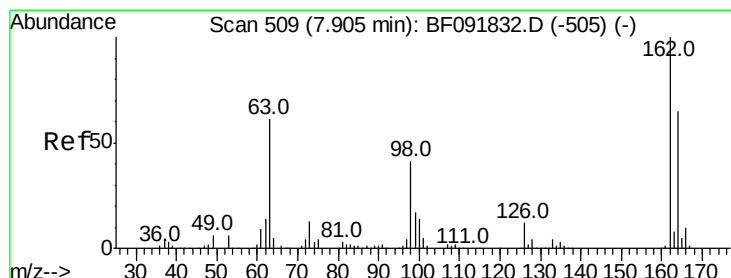
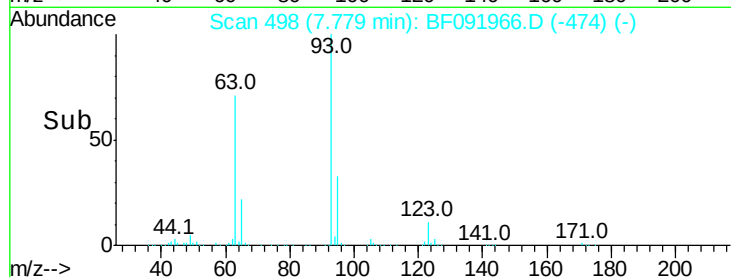
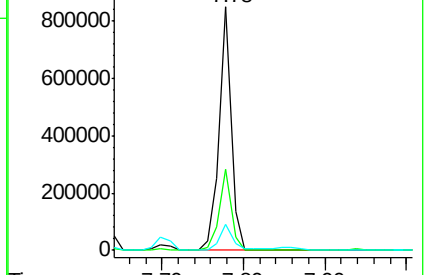
123 10.5 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 55.50 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

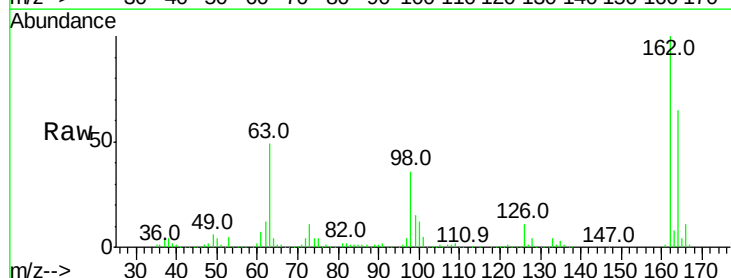
Tgt Ion:162 Resp: 686012

Ion Ratio Lower Upper

162 100

164 65.1 46.8 86.8

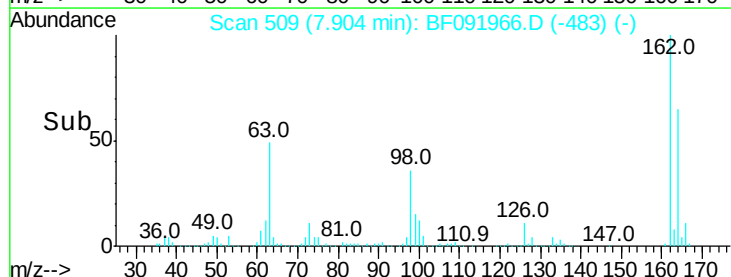
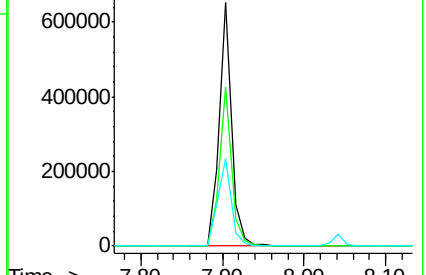
98 35.7 9.1 49.1

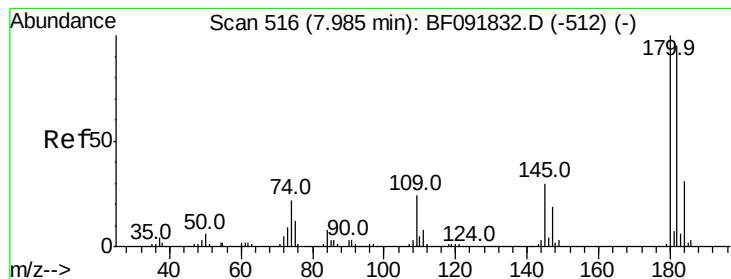


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0





#30

1,2,4-Trichlorobenzene

Concen: 48.16 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

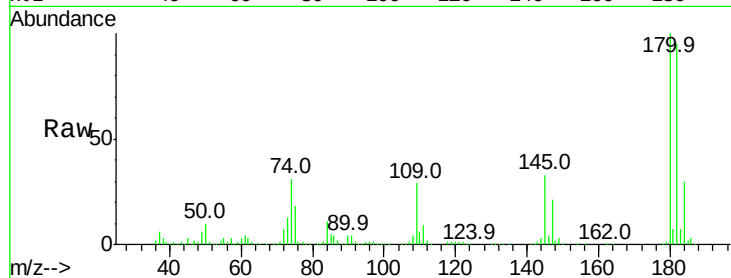
Tot Ion:180 Resp: 652244

Ion Ratio Lower Upper

180 100

182 94.6 78.2 117.4

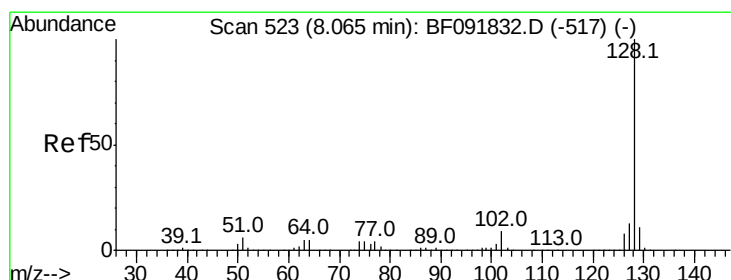
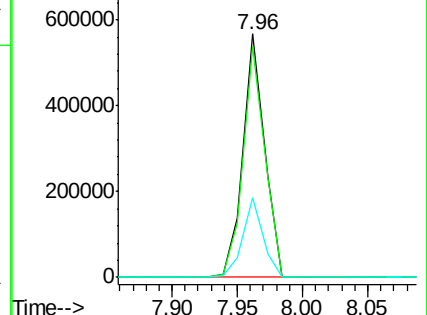
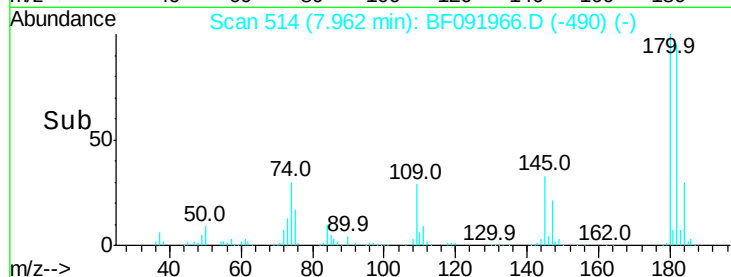
145 32.8 21.6 32.4#



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: 48.18 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

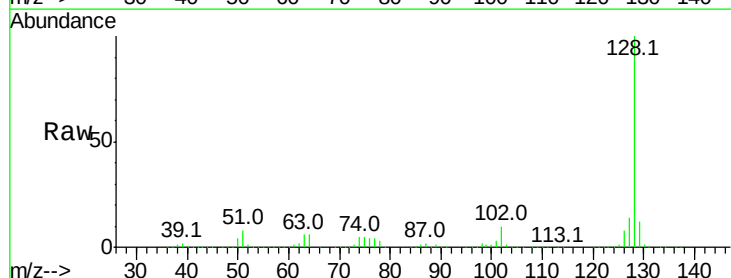
Tgt Ion:128 Resp: 2054401

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

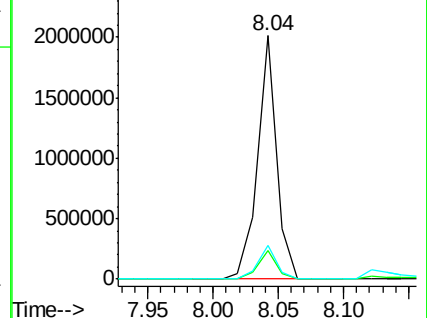
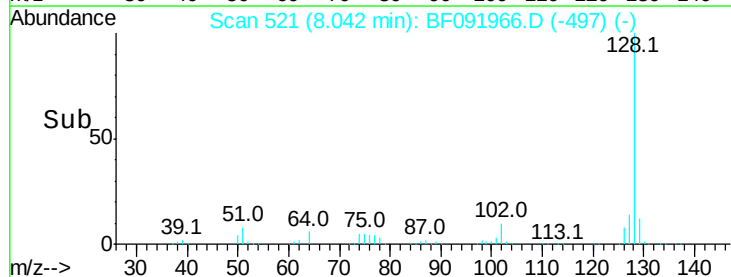
127 13.6 10.8 16.2

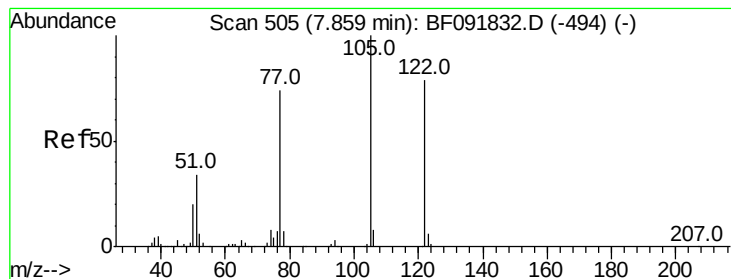


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 40.81 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

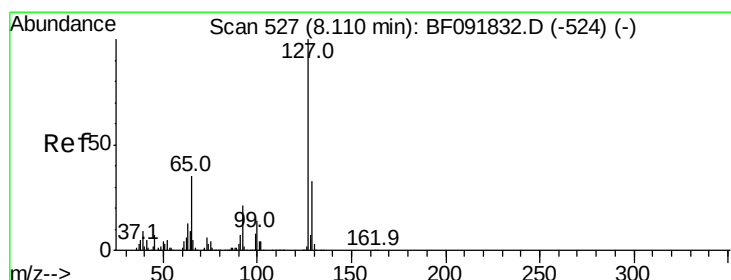
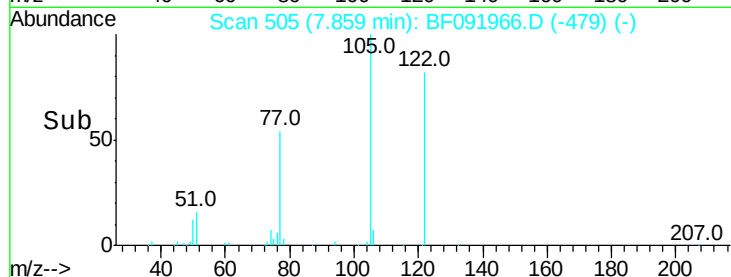
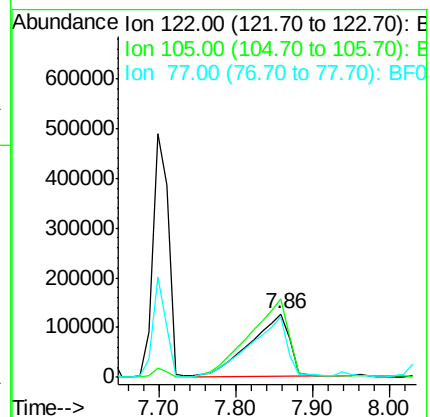
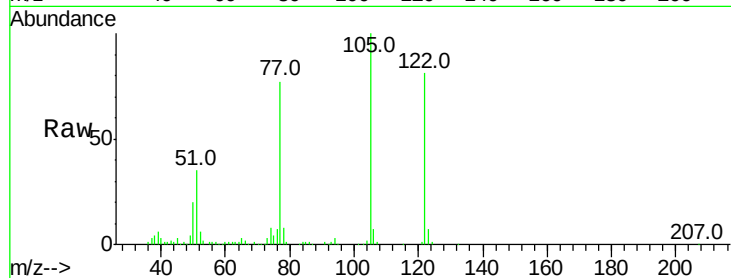
Tot Ion:122 Resp: 441787

Ion Ratio Lower Upper

122 100

105 123.6 107.2 147.2

77 95.1 74.5 114.5



#33

4-Chloroaniline

Concen: 9.24 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Tgt Ion:127 Resp: 177721

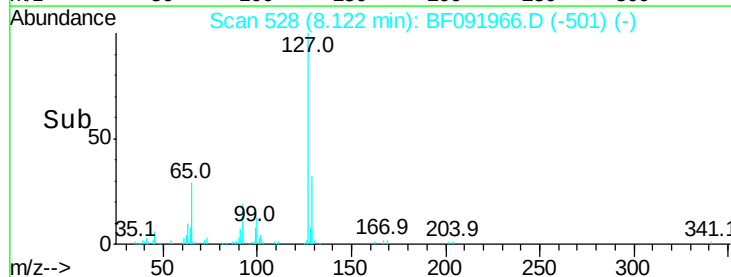
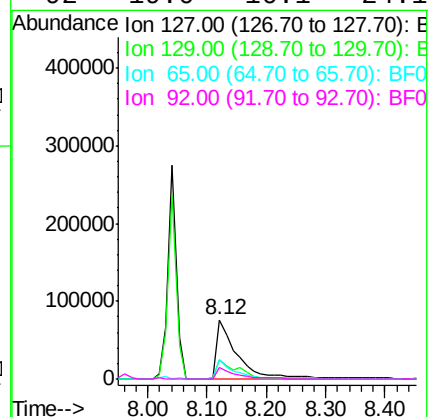
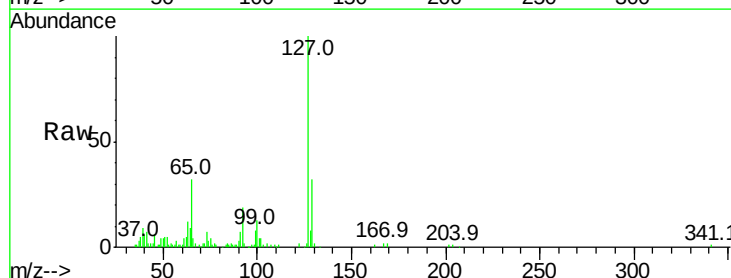
Ion Ratio Lower Upper

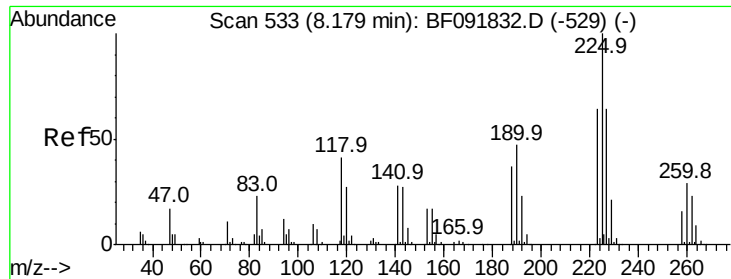
127 100

129 31.5 26.3 39.5

65 32.1 25.8 38.8

92 19.0 16.1 24.1

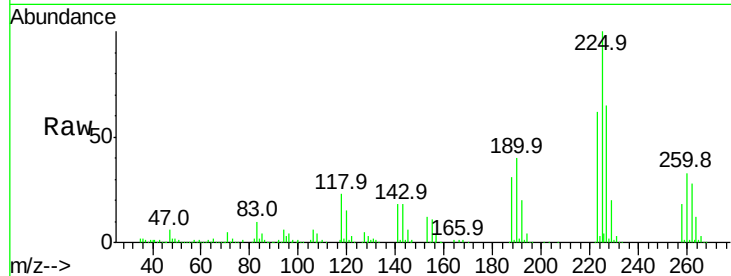




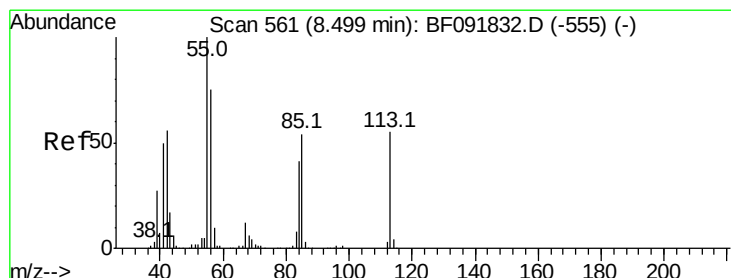
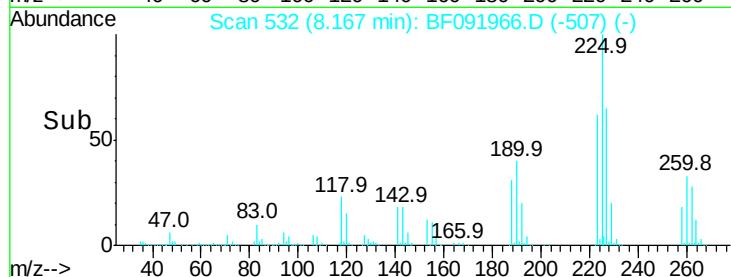
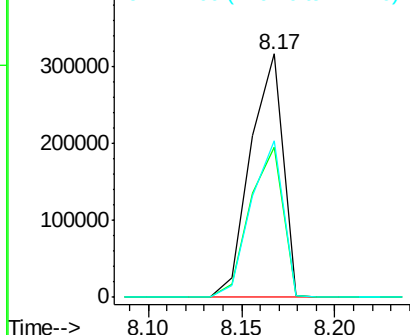
#34
Hexachlorobutadiene
Concen: 53.30 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:225 Resp: 381047
Ion Ratio Lower Upper
225 100
223 61.5 51.0 76.6
227 64.6 50.6 76.0

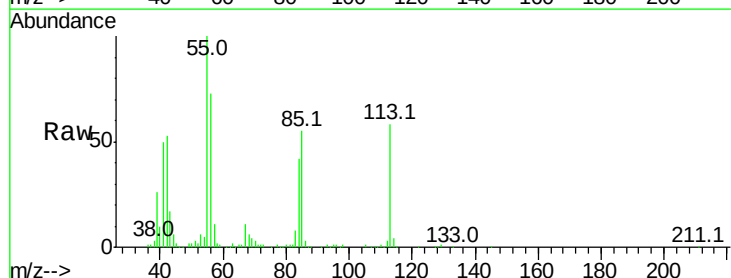


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

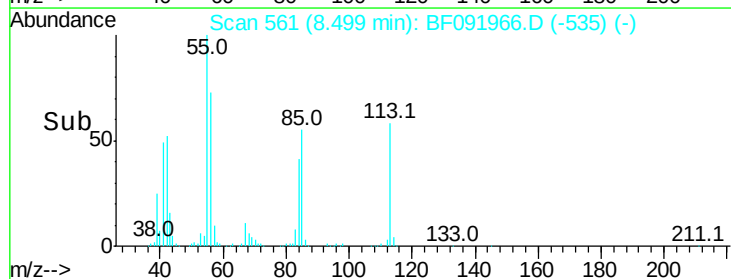
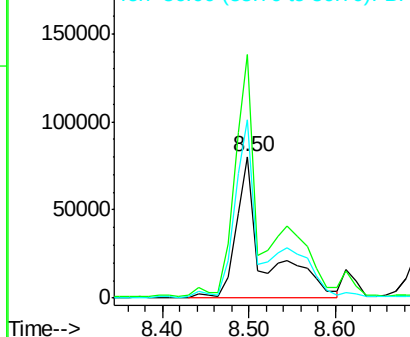


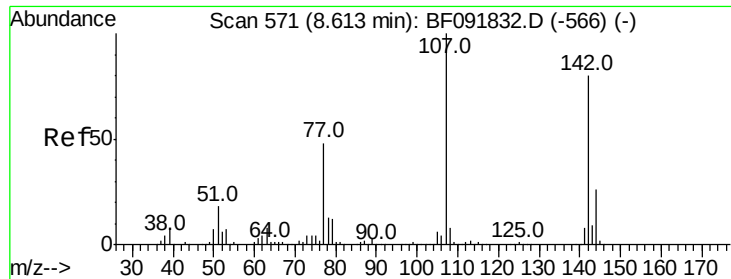
#35
Caprolactam
Concen: 45.45 ng m
RT: 8.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:113 Resp: 184619
Ion Ratio Lower Upper
113 100
55 172.3 119.2 159.2#
56 125.8 83.8 123.8#



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

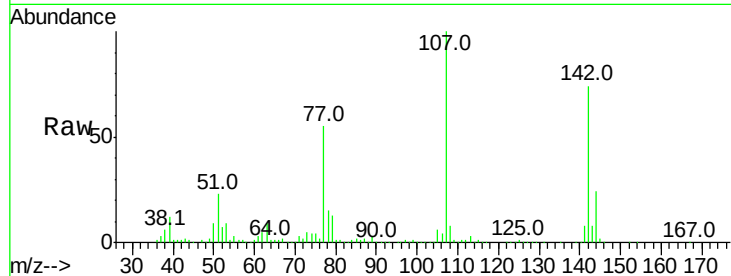




#36
 4-Chloro-3-methylphenol
 Concen: 48.13 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	74.0	59.0	88.6

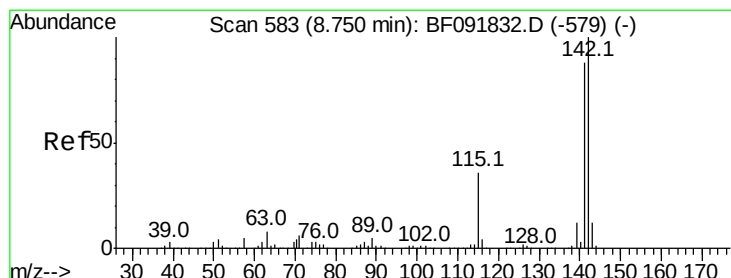
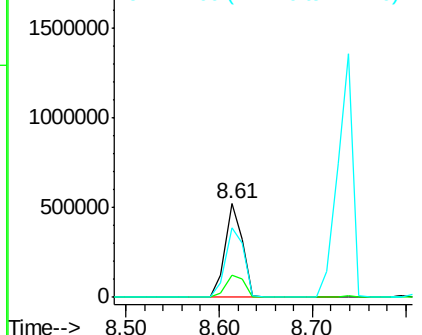
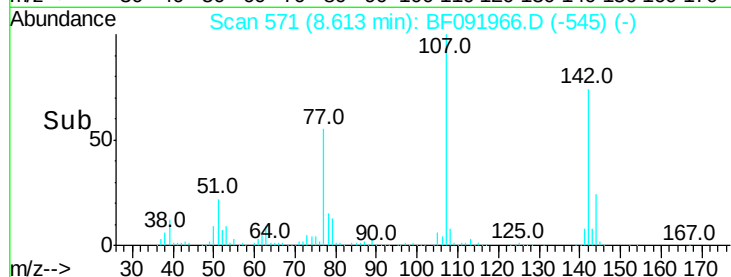


Abundance

Ion 107.00 (106.70 to 107.70): E

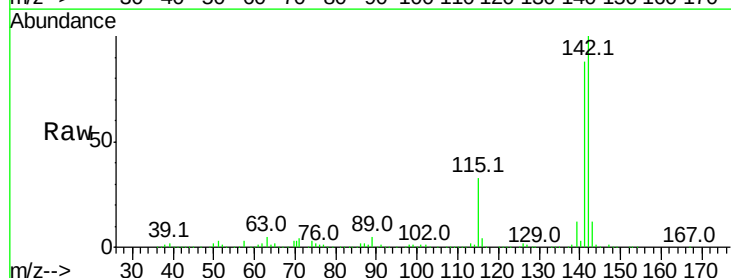
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 53.01 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	33.4	28.3	42.5

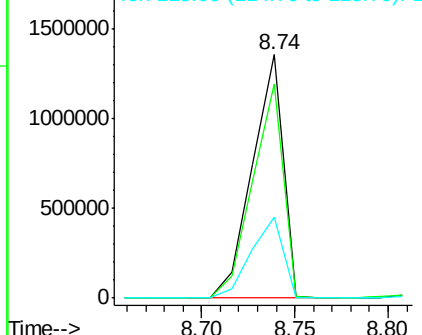
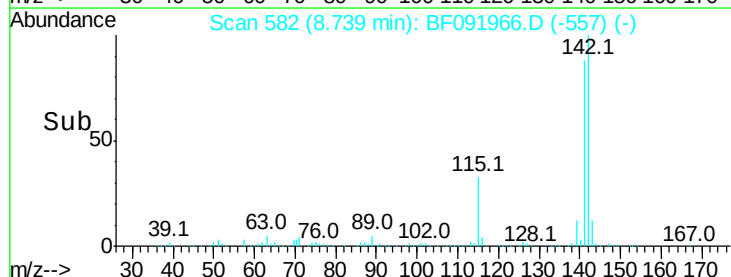


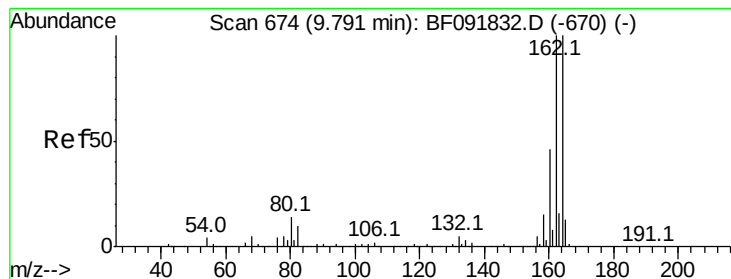
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

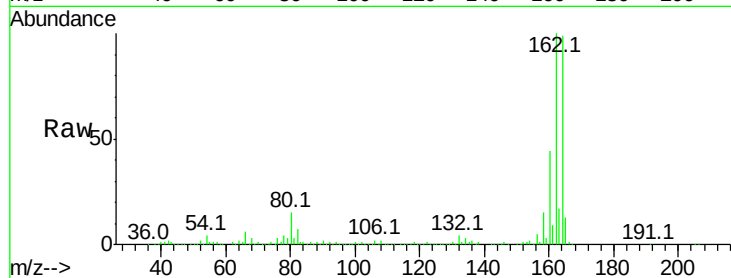
Tot Ion:164 Resp: 507816

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

160 45.0 36.9 55.3

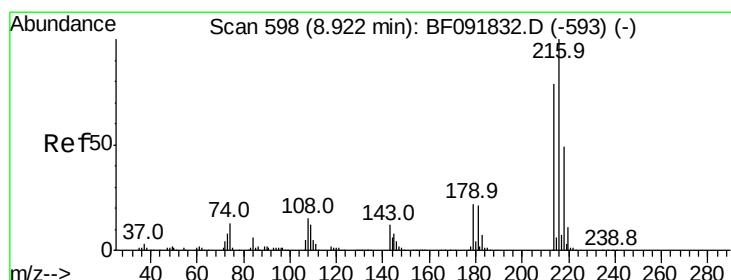
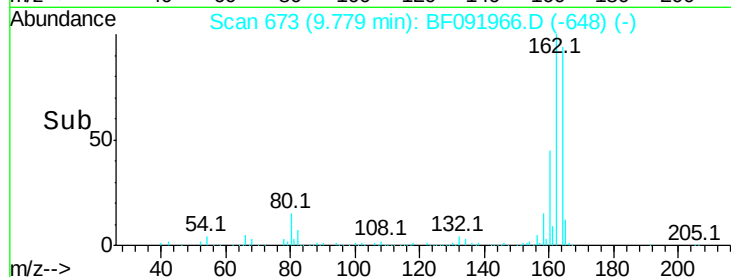
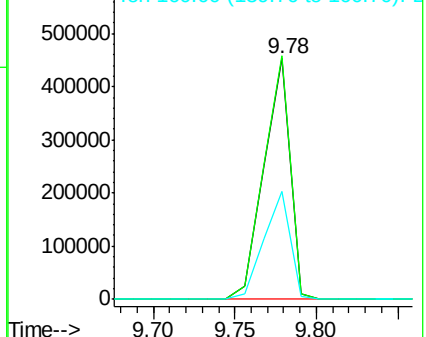


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.67 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Tgt Ion:216 Resp: 586003

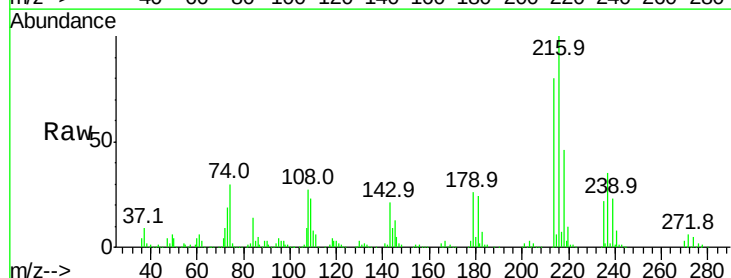
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 22.4 17.4 26.2

108 22.6 15.6 23.4



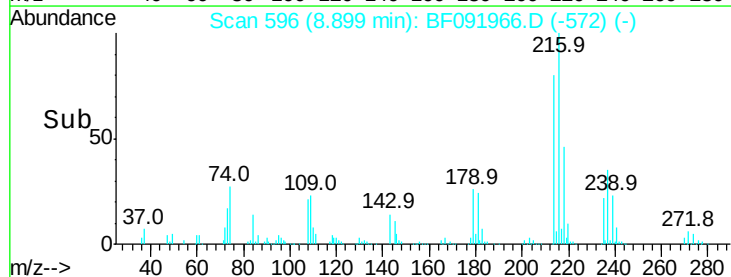
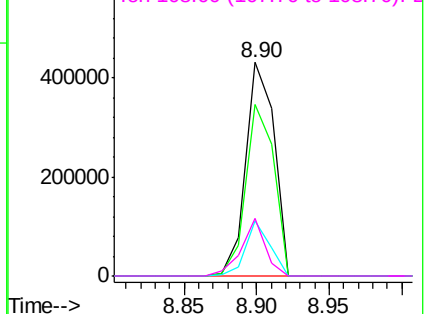
Abundance

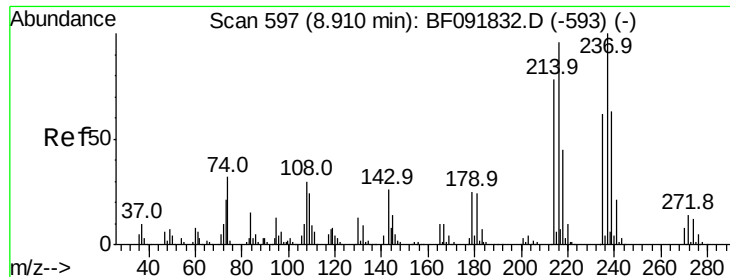
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

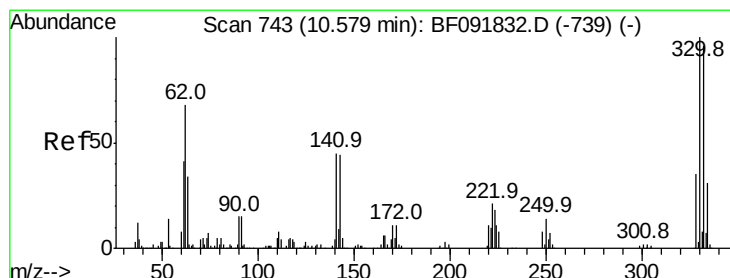
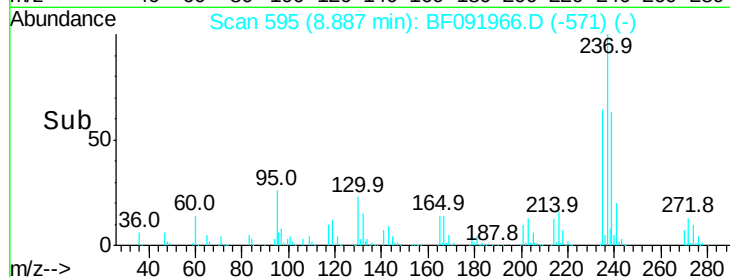
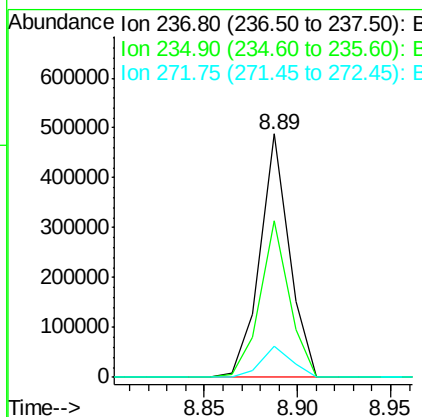
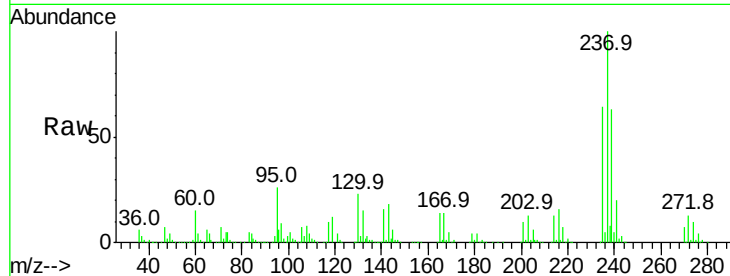




#40
Hexachlorocyclopentadiene
Concen: 92.31 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

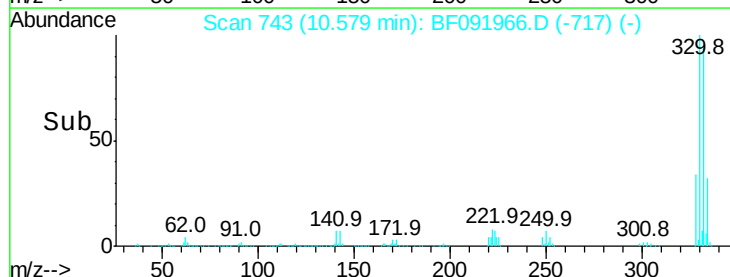
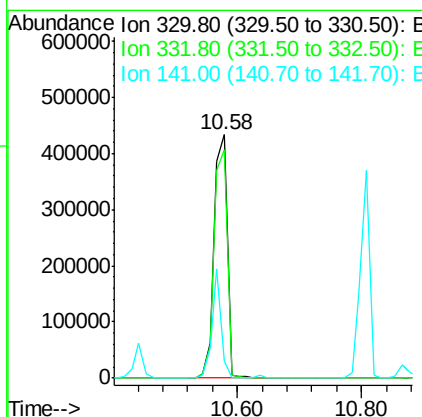
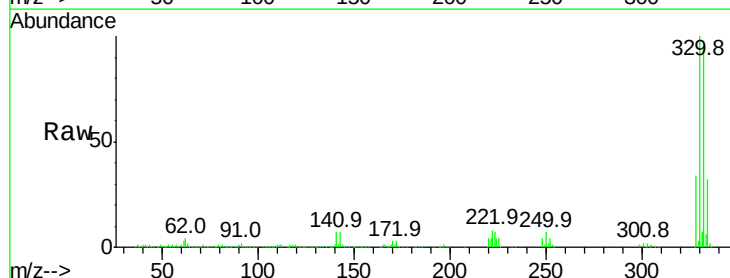
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

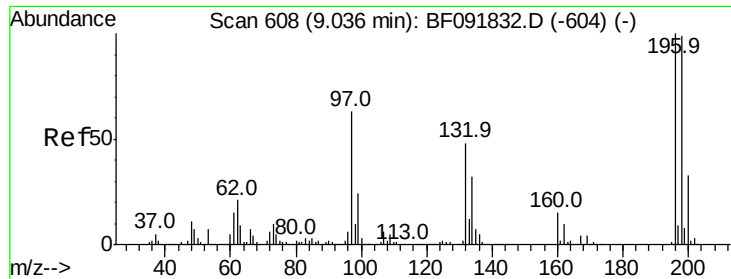
Tot Ion:237 Resp: 531124
Ion Ratio Lower Upper
237 100
235 64.1 41.2 81.2
272 12.7 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 147.98 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:330 Resp: 621893
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.2
141 31.7 34.1 51.1#

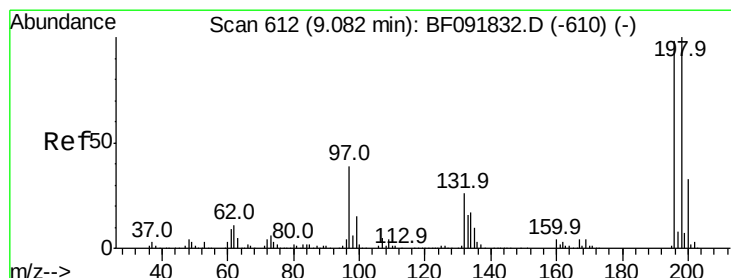
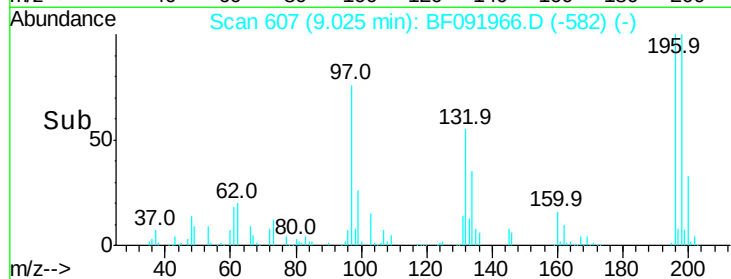
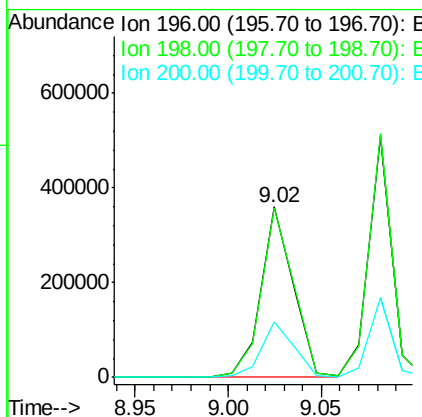
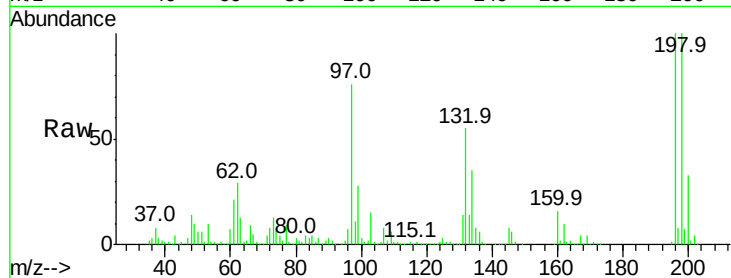




#42
 2,4,6-Trichlorophenol
 Concen: 47.79 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

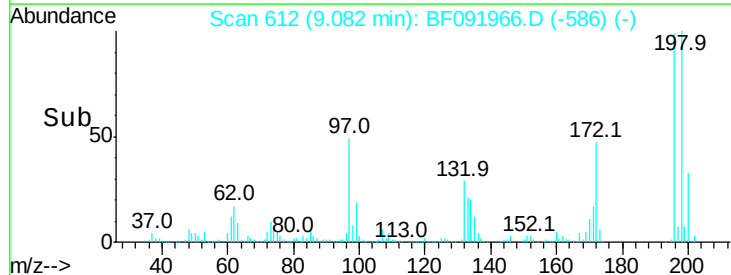
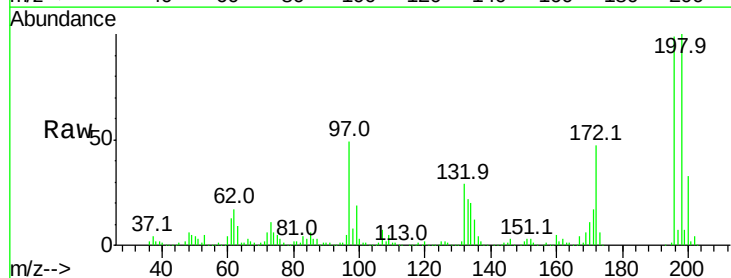
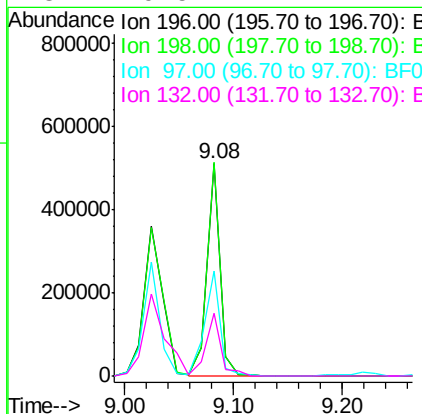
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

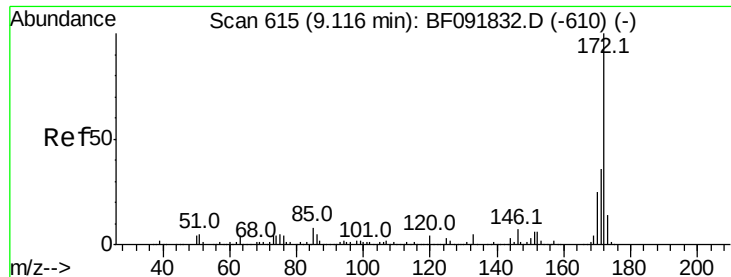
Tot Ion:196 Resp: 428841
 Ion Ratio Lower Upper
 196 100
 198 99.8 82.1 123.1
 200 32.6 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Tgt Ion:196 Resp: 434592
 Ion Ratio Lower Upper
 196 100
 198 100.8 79.4 119.2
 97 49.5 51.5 77.3#
 132 29.5 27.4 41.2

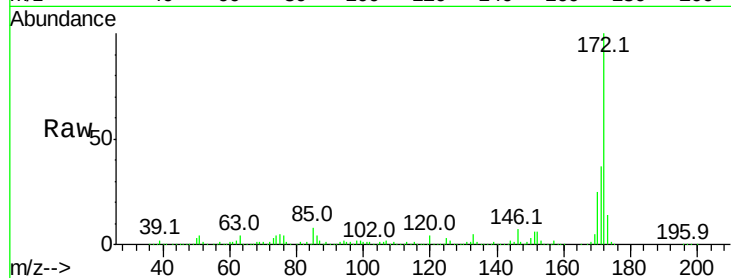




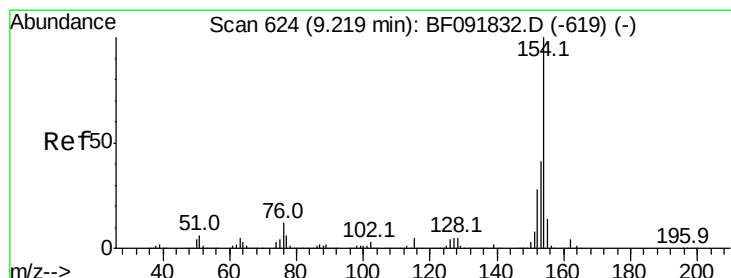
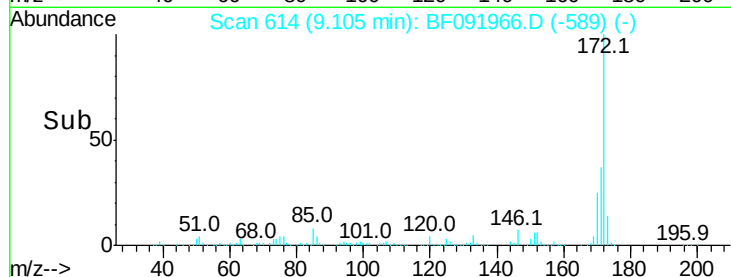
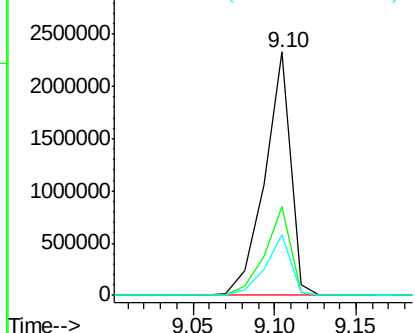
#44
2-Fluorobiphenyl
Concen: 106.96 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:172 Resp: 2568336
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.8 20.2 30.4

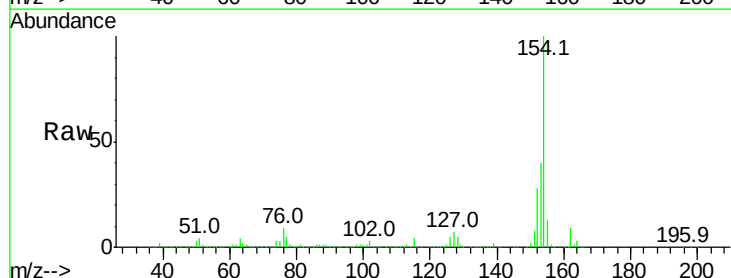


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

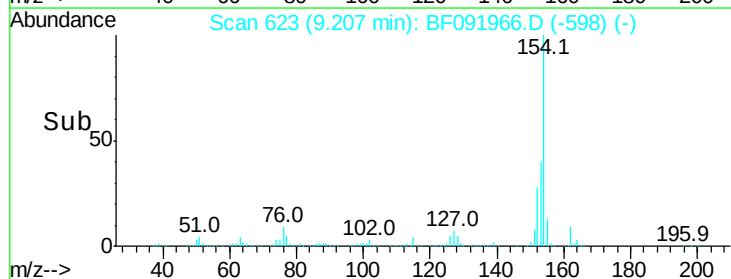
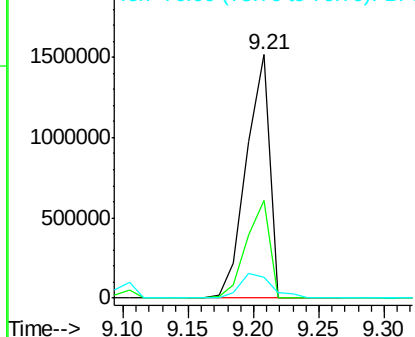


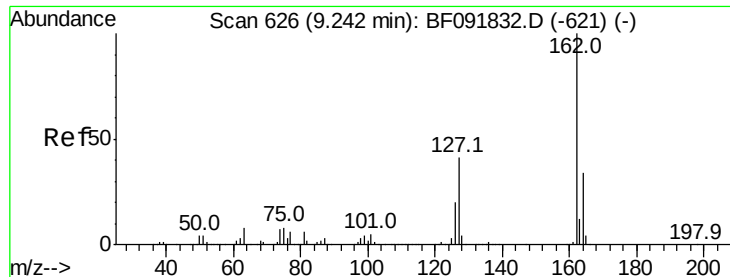
#45
1,1'-Biphenyl
Concen: 53.87 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:154 Resp: 1873171
Ion Ratio Lower Upper
154 100
153 40.1 20.9 60.9
76 8.8 0.0 30.5



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

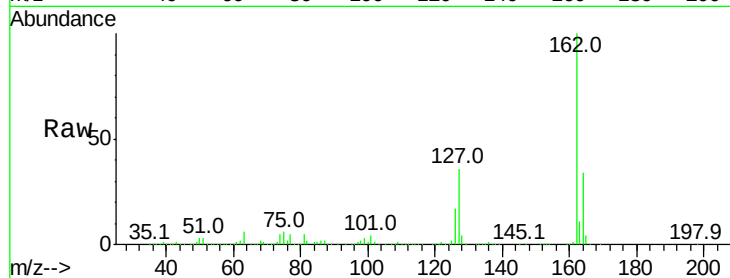




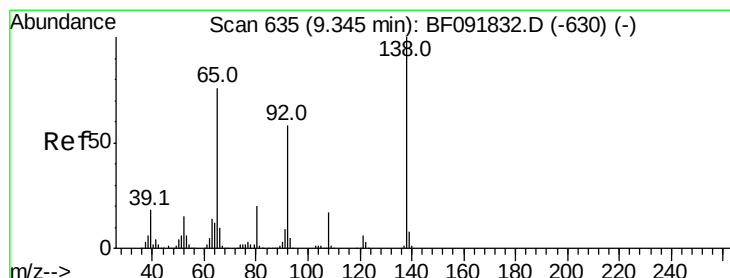
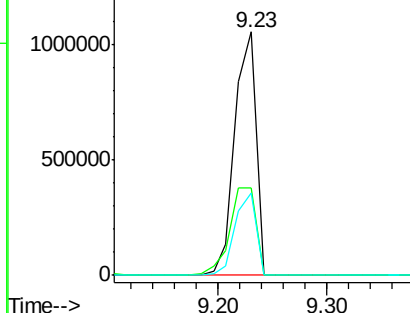
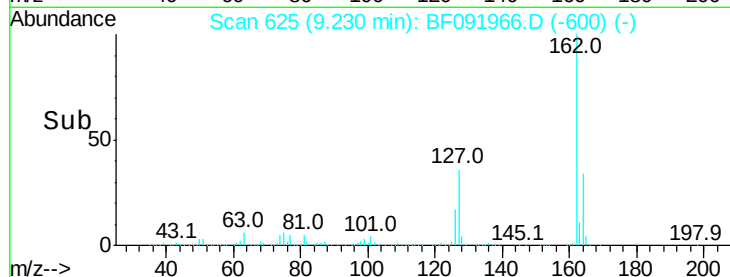
#46
2-Chloronaphthalene
Concen: 51.14 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:162 Resp: 1408300
Ion Ratio Lower Upper
162 100
127 36.2 30.7 46.1
164 34.0 27.6 41.4

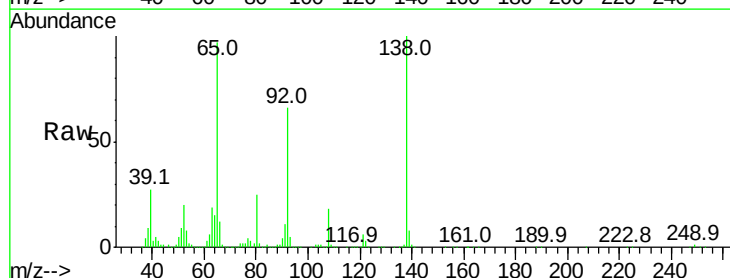


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

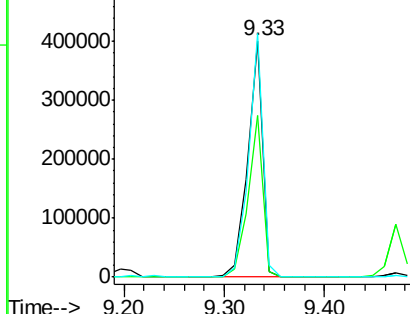
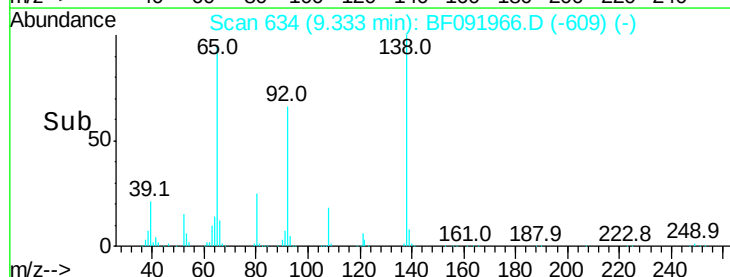


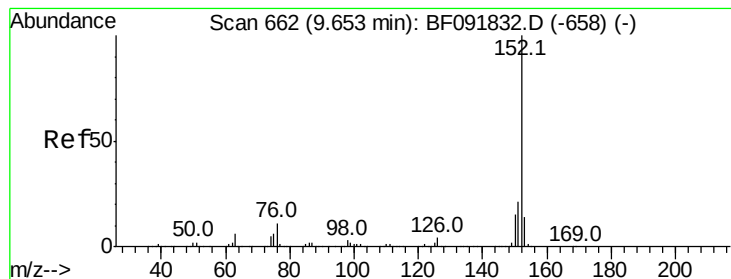
#47
2-Nitroaniline
Concen: 41.98 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion: 65 Resp: 411619
Ion Ratio Lower Upper
65 100
92 68.4 53.9 80.9
138 102.9 76.8 115.2



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





#48

Acenaphthylene

Concen: 48.56 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

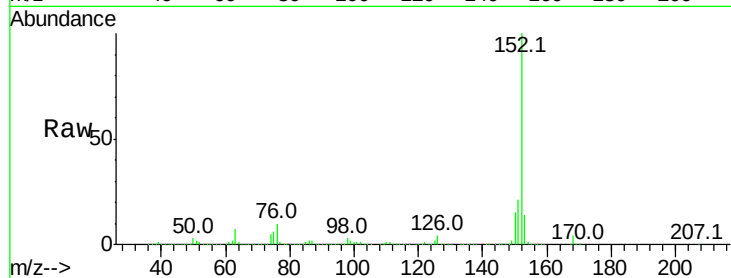
Tot Ion:152 Resp: 2056433

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

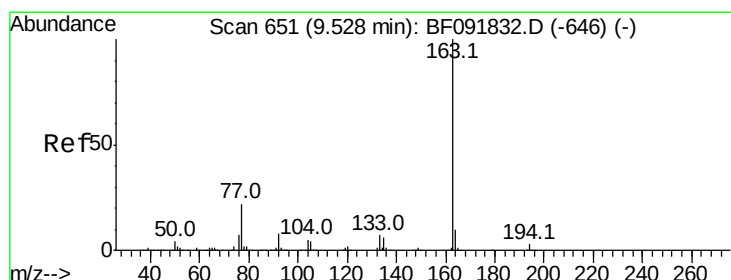
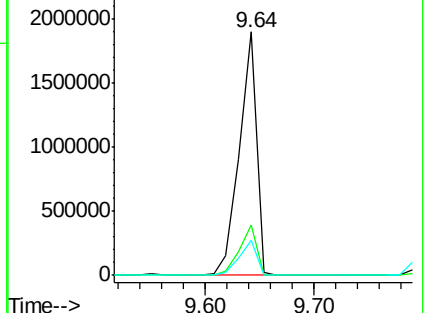
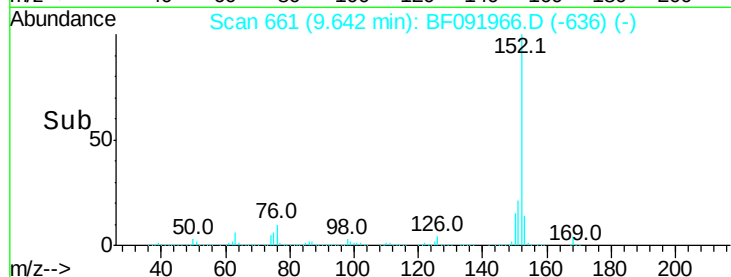
153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 51.26 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

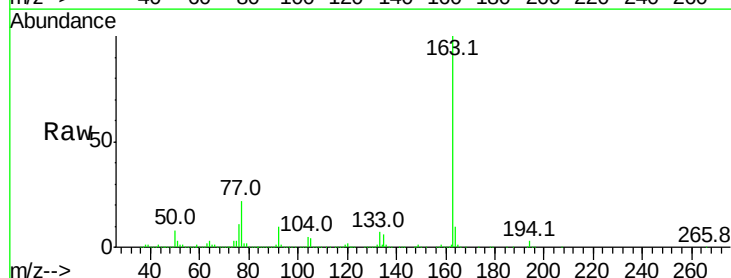
Tgt Ion:163 Resp: 1664782

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

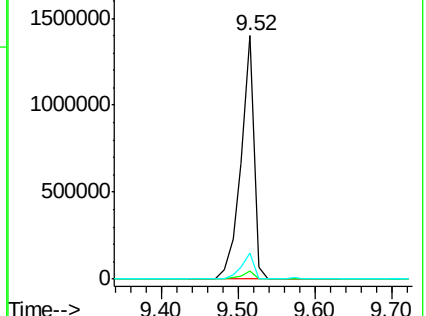
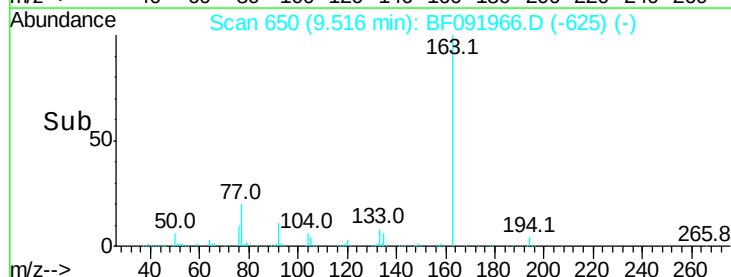
164 10.5 8.0 12.0

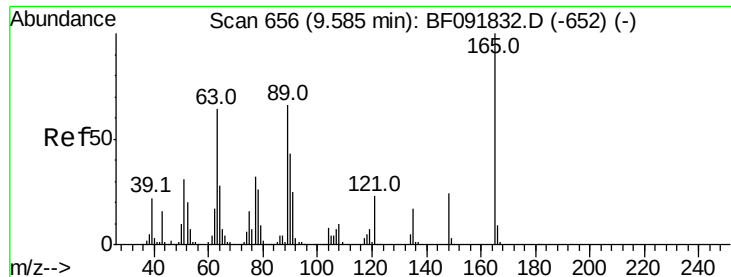


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

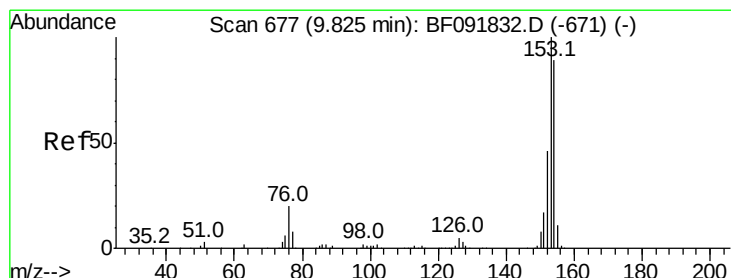
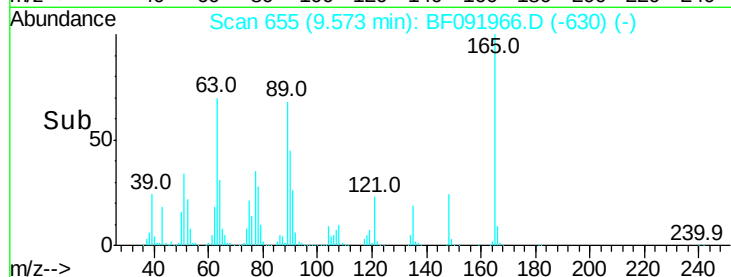
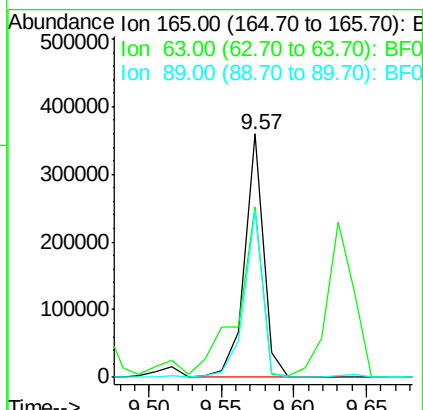
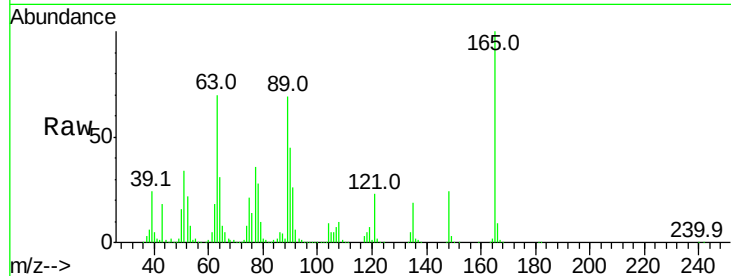




#50
2,6-Dinitrotoluene
Concen: 46.10 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

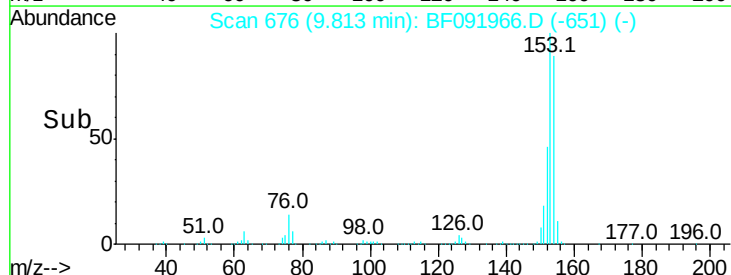
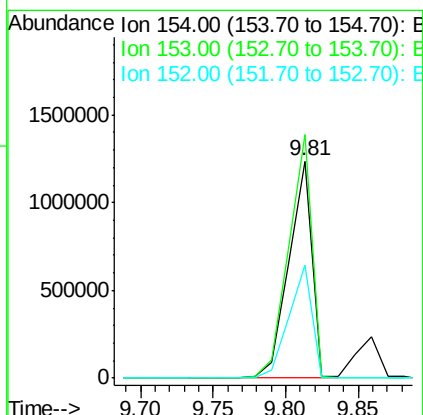
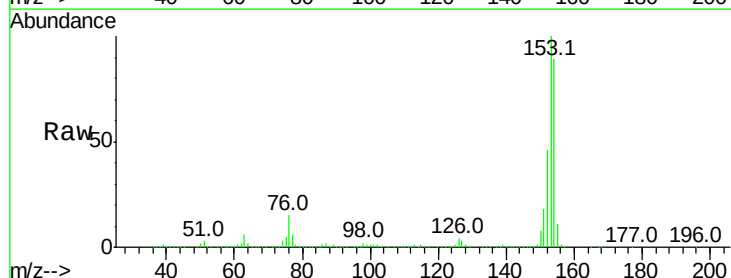
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

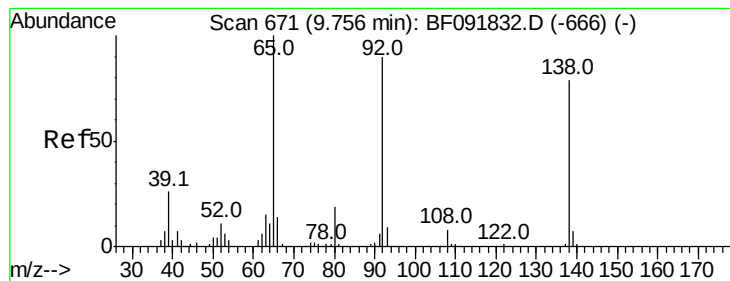
Tot Ion:165 Resp: 327737
Ion Ratio Lower Upper
165 100
63 69.9 36.2 54.4#
89 68.5 40.2 60.4#



#51
Acenaphthene
Concen: 47.73 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:154 Resp: 1370458
Ion Ratio Lower Upper
154 100
153 112.3 88.6 133.0
152 52.0 41.6 62.4





#52

3-Nitroaniline

Concen: 17.65 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

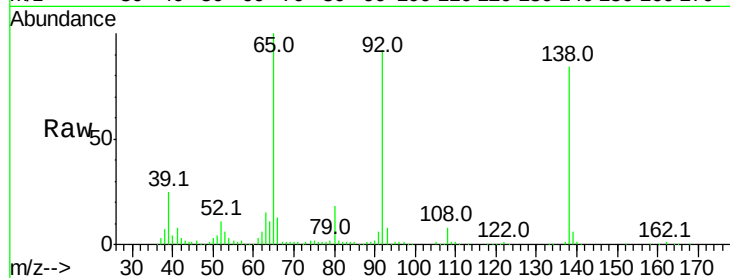
Tot Ion:138 Resp: 155292

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

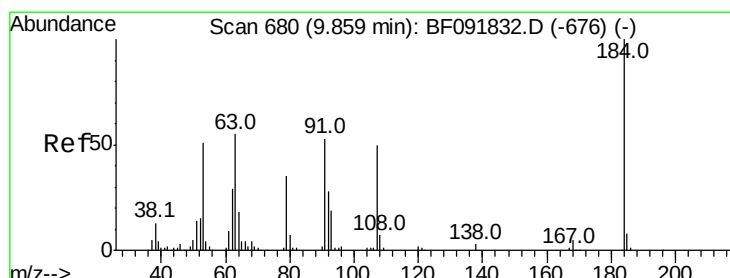
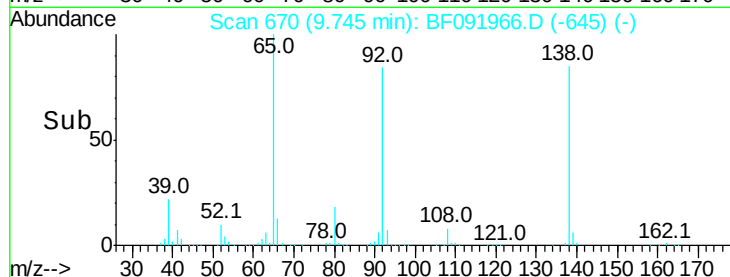
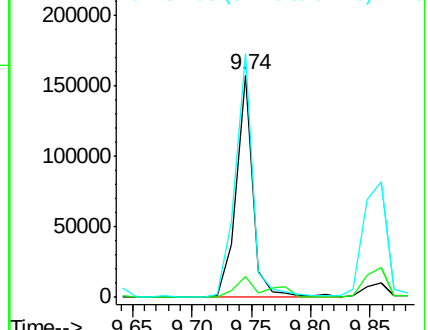
92 109.7 97.8 146.8



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): E



#53

2,4-Dinitrophenol

Concen: 108.22 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

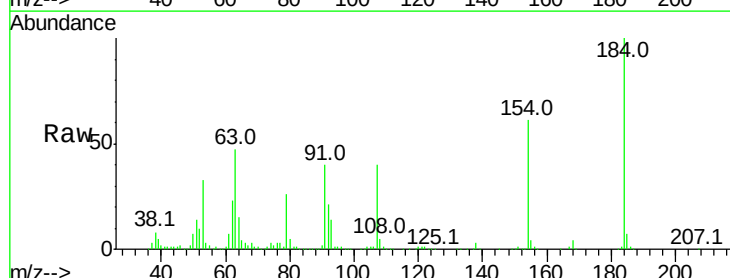
Tgt Ion:184 Resp: 428072

Ion Ratio Lower Upper

184 100

63 47.1 28.4 42.6#

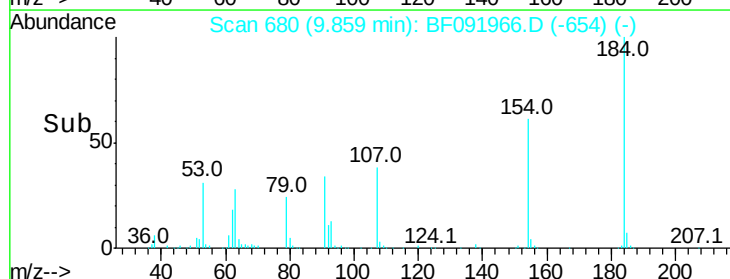
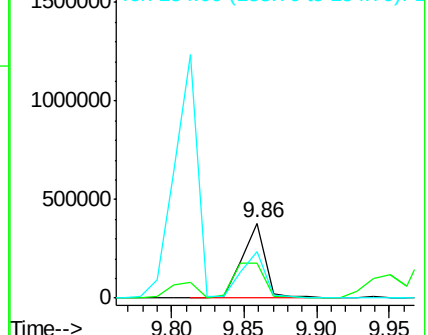
154 61.3 44.3 66.5

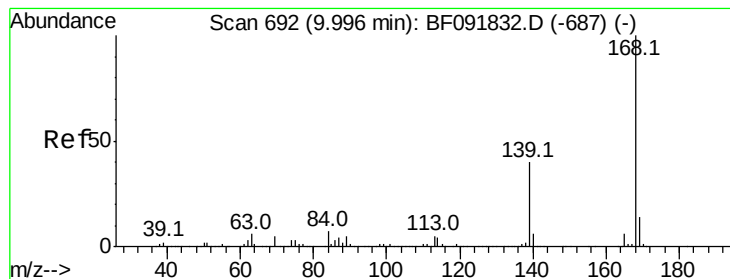


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 46.05 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

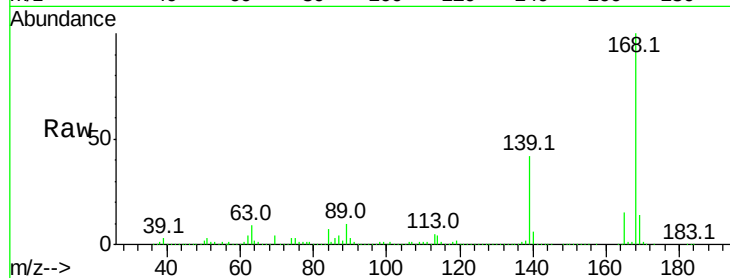
Tot Ion:168 Resp: 1785441

Ion Ratio Lower Upper

168 100

139 42.4 32.6 49.0

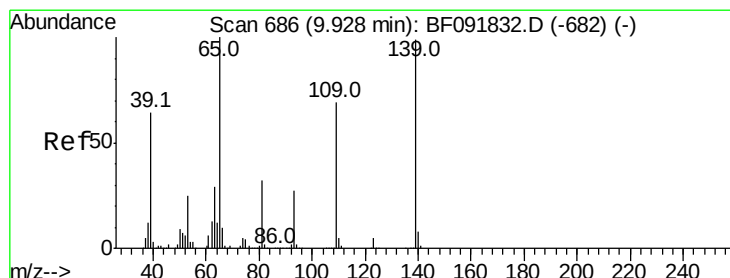
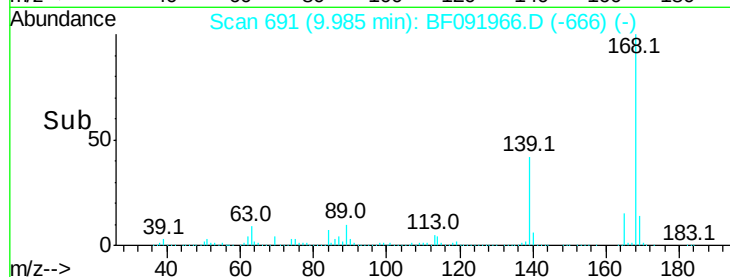
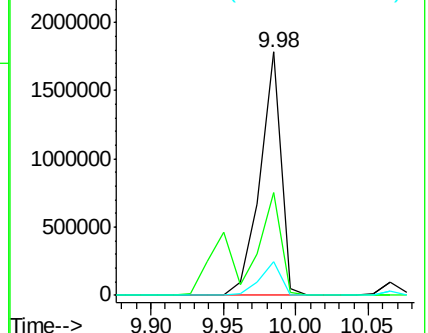
169 14.0 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 92.82 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

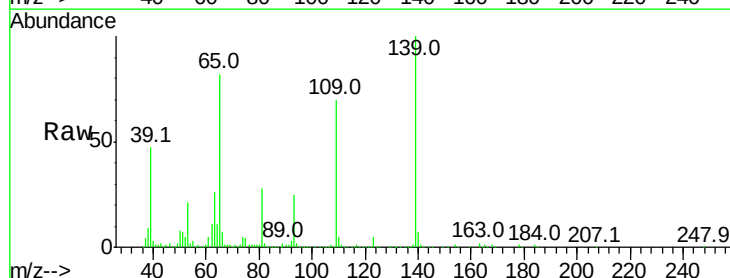
Tgt Ion:139 Resp: 554444

Ion Ratio Lower Upper

139 100

109 69.6 52.2 92.2

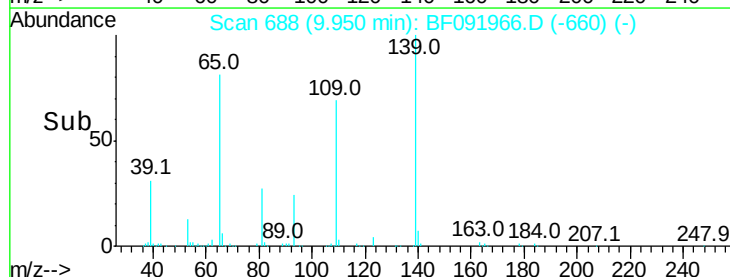
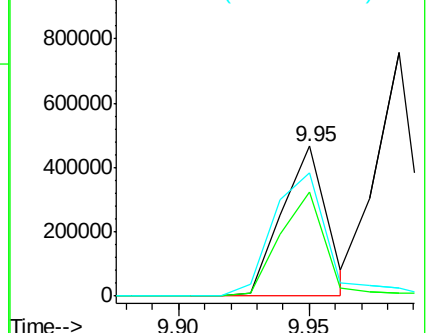
65 82.4 85.8 125.8#

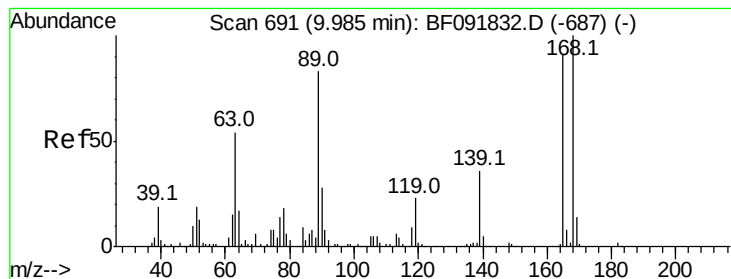


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

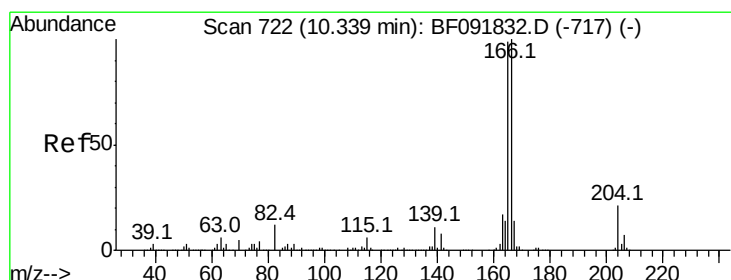
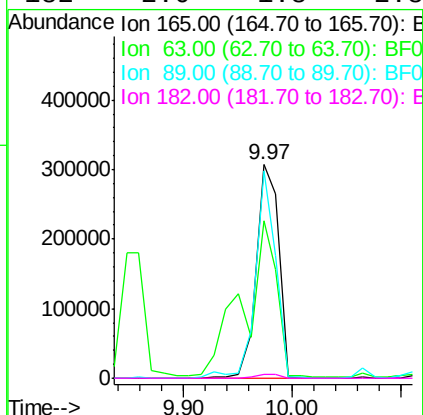
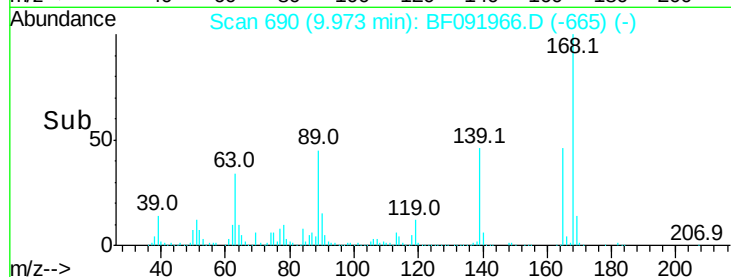
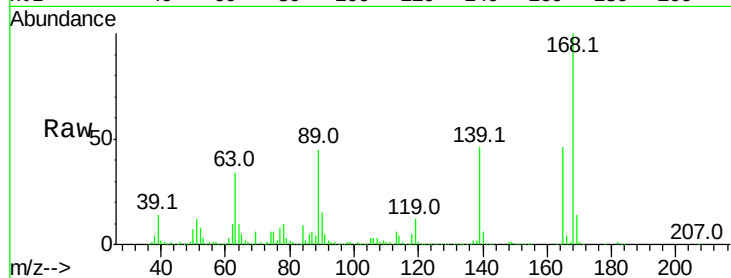




#56
 2,4-Dinitrotoluene
 Concen: 49.98 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

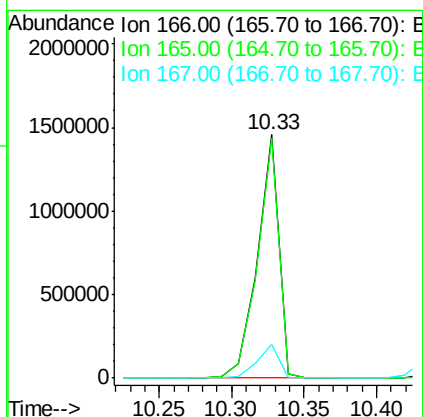
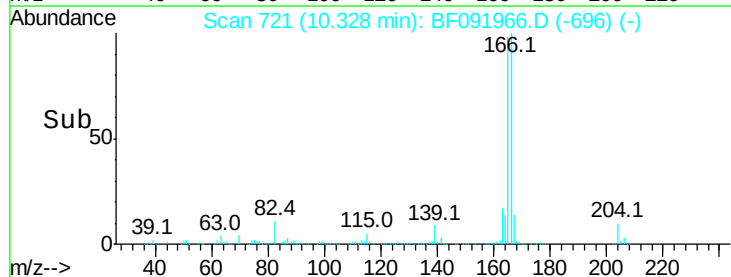
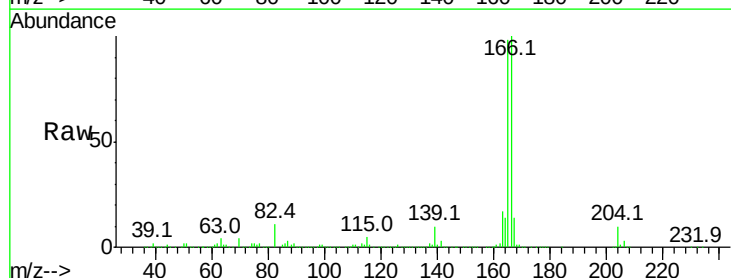
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

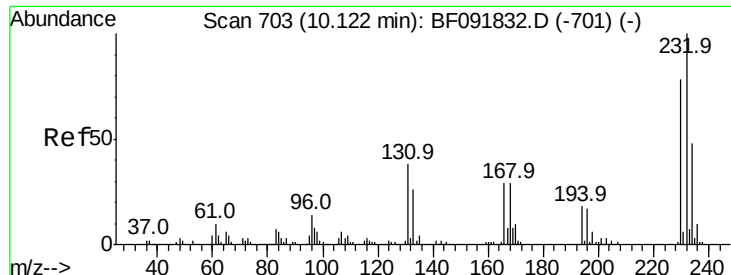
Tot Ion:165 Resp: 445909
 Ion Ratio Lower Upper
 165 100
 63 73.5 40.2 60.4#
 89 97.1 62.5 93.7#
 182 2.0 1.8 2.8



#57
 Fluorene
 Concen: 52.66 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Tgt Ion:166 Resp: 1485448
 Ion Ratio Lower Upper
 166 100
 165 98.4 77.8 116.8
 167 13.6 10.8 16.2

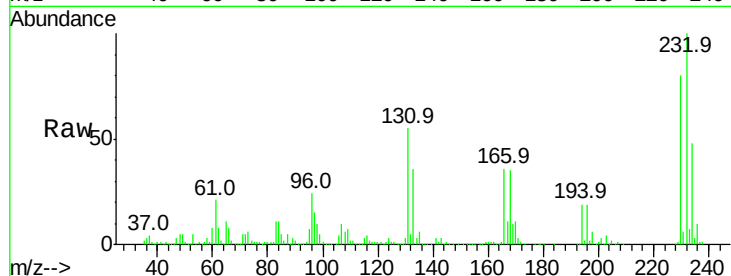




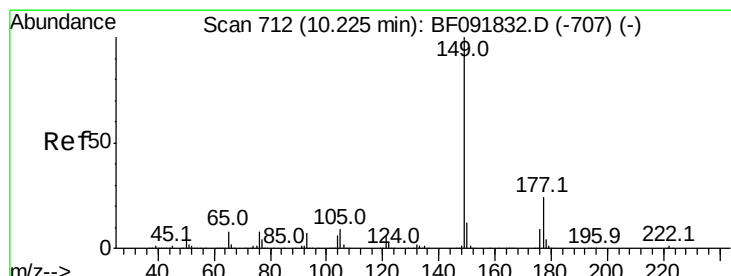
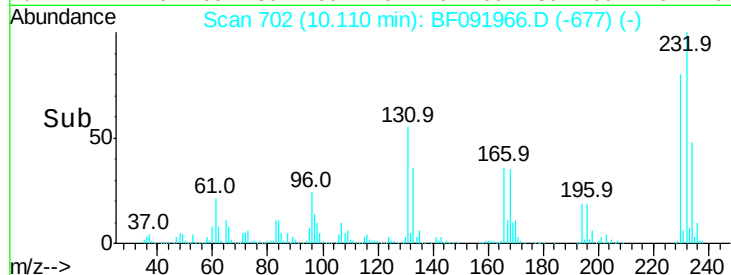
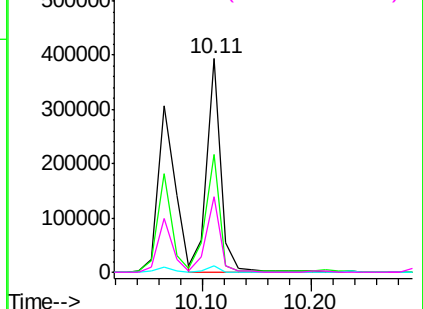
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.19 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Tot Ion:232 Resp: 359286
 Ion Ratio Lower Upper
 232 100
 131 54.2 40.1 60.1
 130 2.8 1.8 2.8#
 166 34.6 26.6 39.8

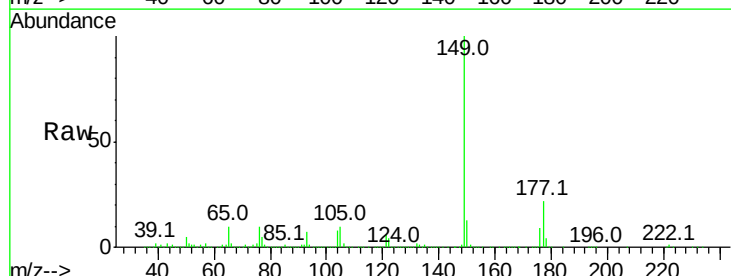


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

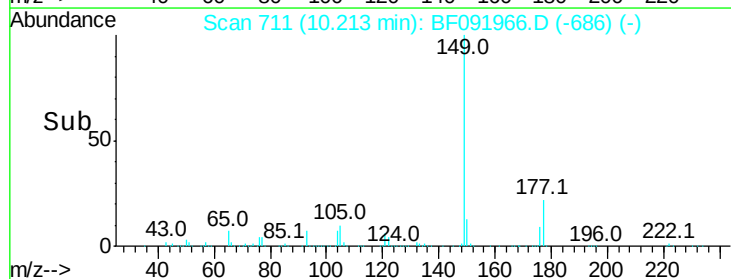
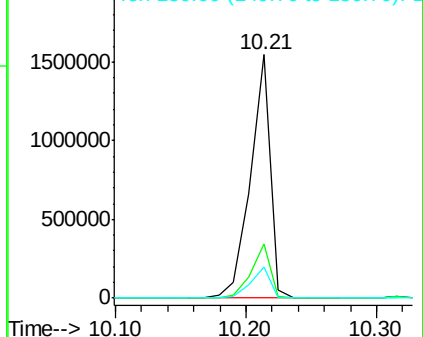


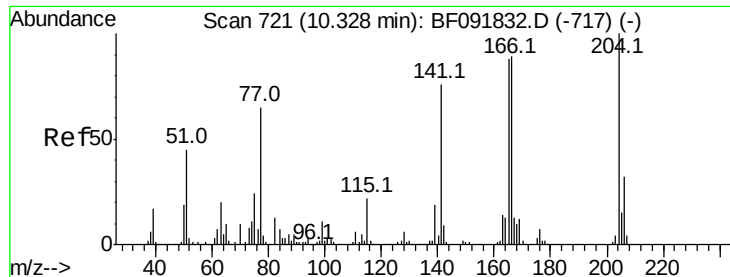
#59
 Diethylphthalate
 Concen: 51.65 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Tgt Ion:149 Resp: 1629060
 Ion Ratio Lower Upper
 149 100
 177 22.2 16.6 25.0
 150 12.7 10.4 15.6



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

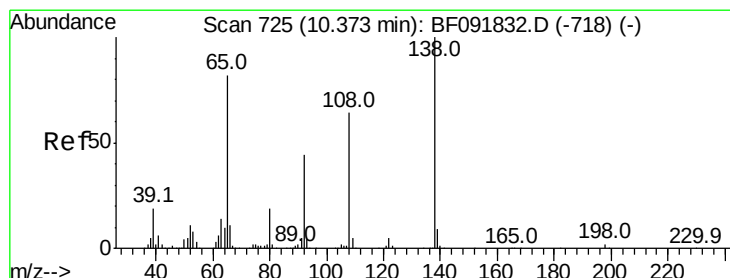
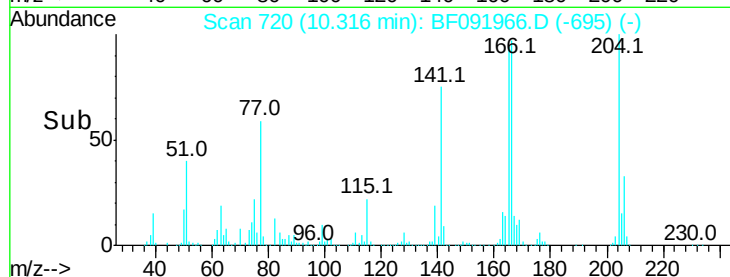
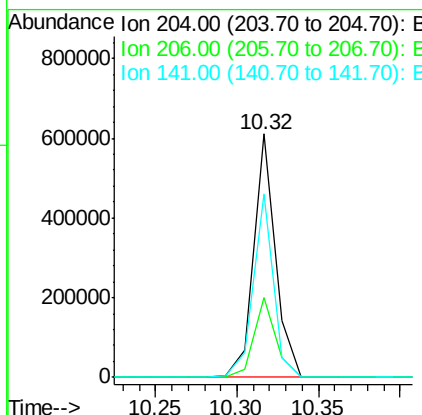
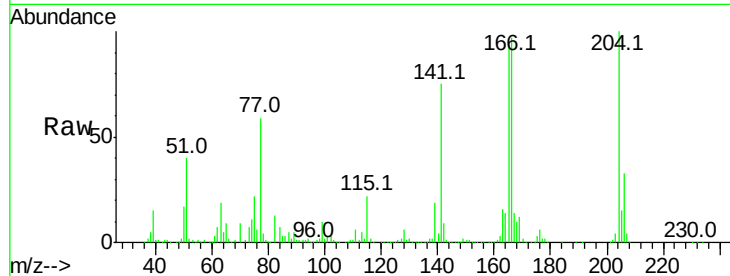




#60
4-Chlorophenyl-phenylether
Concen: 46.09 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

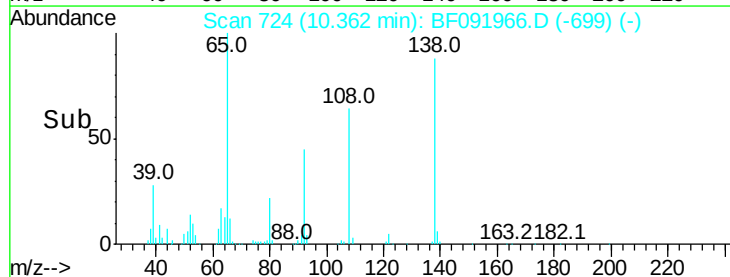
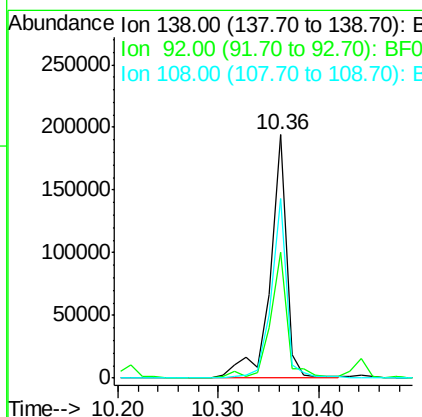
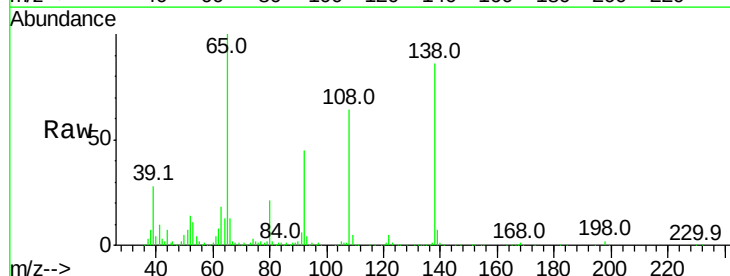
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

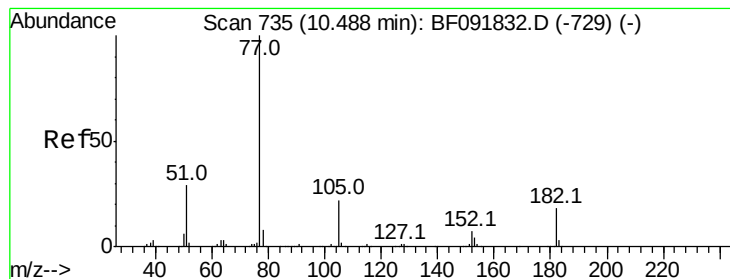
Tot Ion:204 Resp: 569238
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 75.3 59.4 89.0



#61
4-Nitroaniline
Concen: 24.28 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:138 Resp: 221359
Ion Ratio Lower Upper
138 100
92 51.7 31.7 71.7
108 73.9 52.6 92.6





#62

Azobenzene

Concen: 48.61 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

Tot Ion: 77 Resp: 1688257

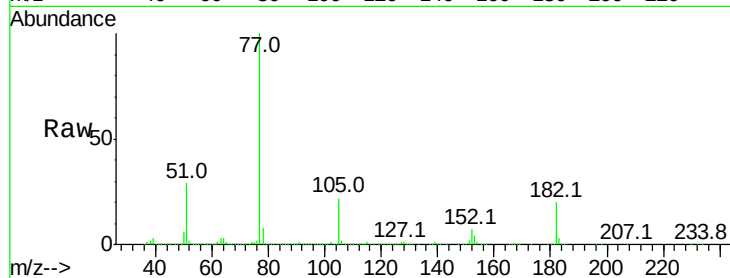
Ion	Ratio	Lower	Upper
77	100		
182	20.2	0.0	39.3
105	22.2	2.3	42.3
51	29.3	8.9	48.9

77 100

182 20.2 0.0 39.3

105 22.2 2.3 42.3

51 29.3 8.9 48.9

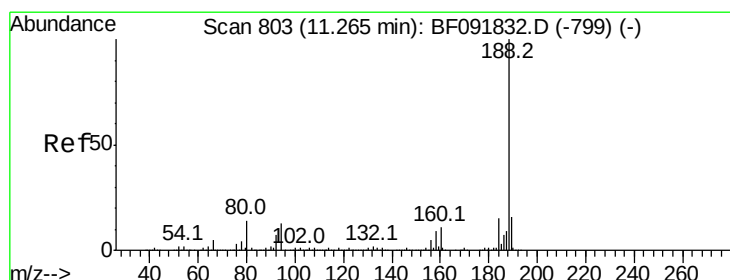
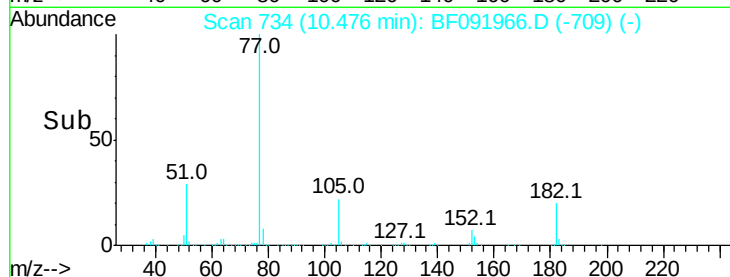
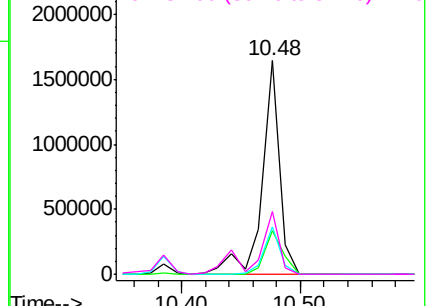


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

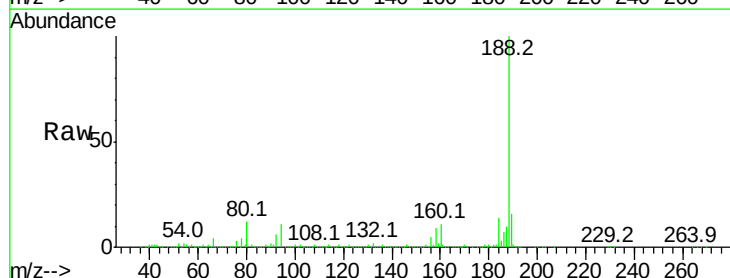
Tgt Ion: 188 Resp: 790380

Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	12.2	11.2	16.8

188 100

94 10.7 10.0 15.0

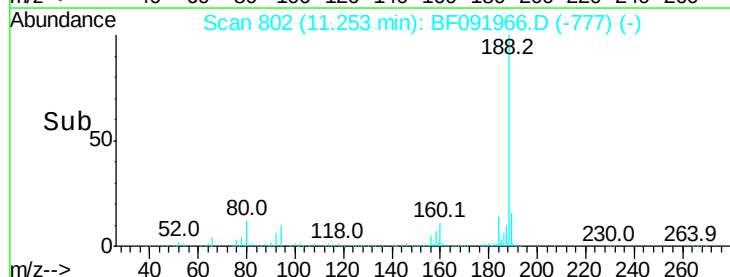
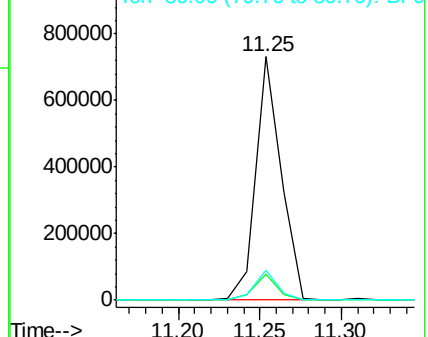
80 12.2 11.2 16.8

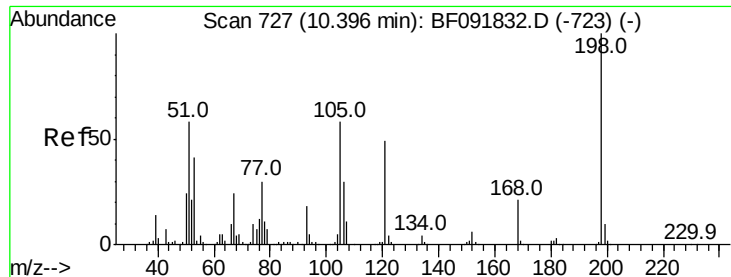


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 52.99 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

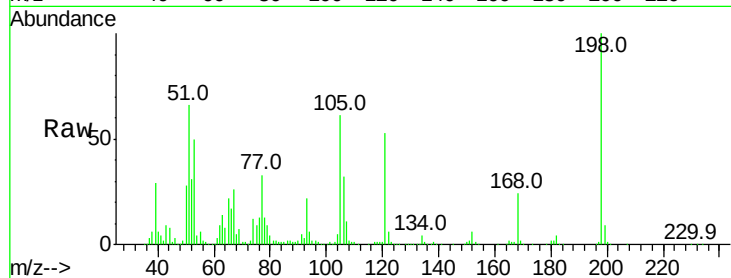
Tot Ion:198 Resp: 253236

Ion Ratio Lower Upper

198 100

51 66.4 6.7 46.7#

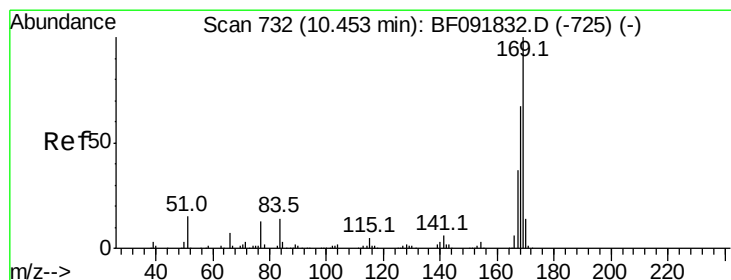
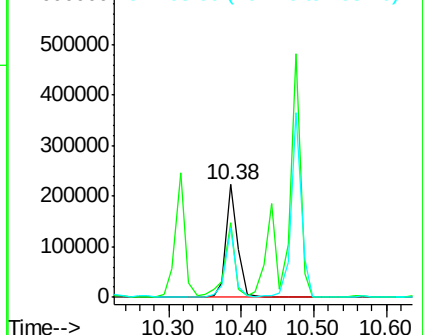
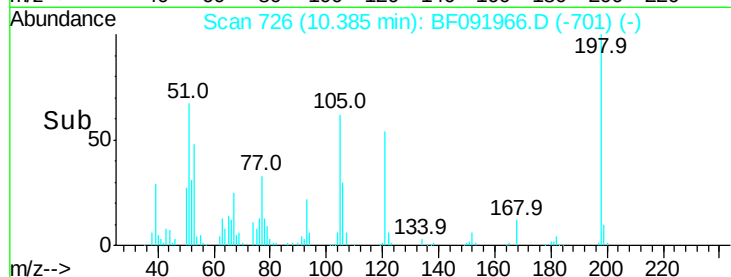
105 61.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 46.57 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

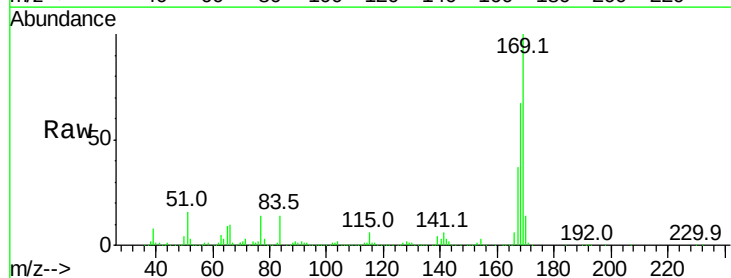
Tgt Ion:169 Resp: 1092272

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

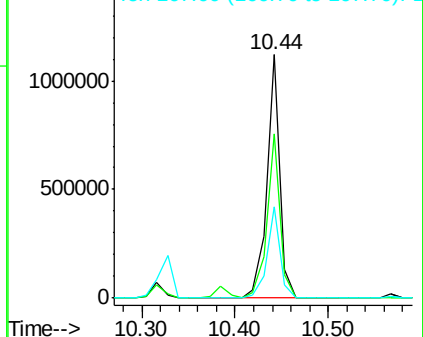
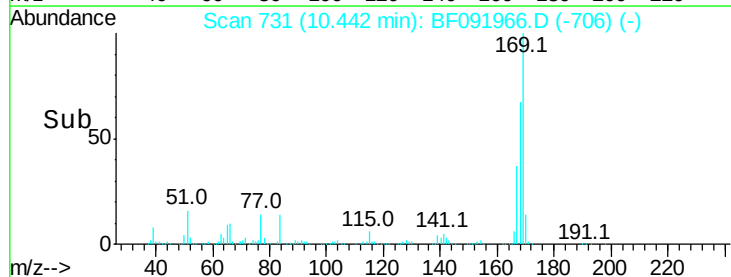
167 37.3 30.2 45.4

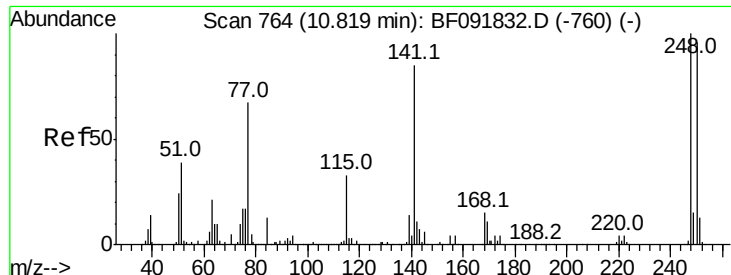


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

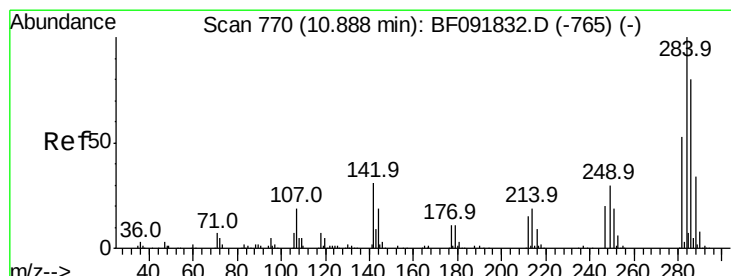
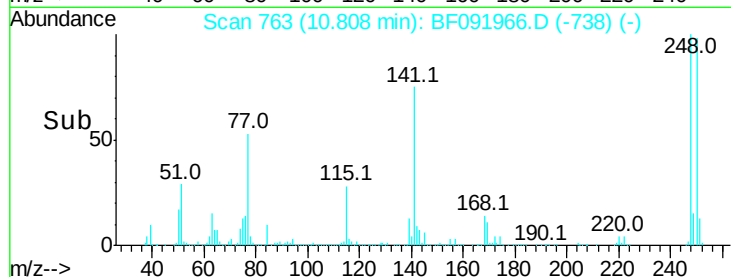
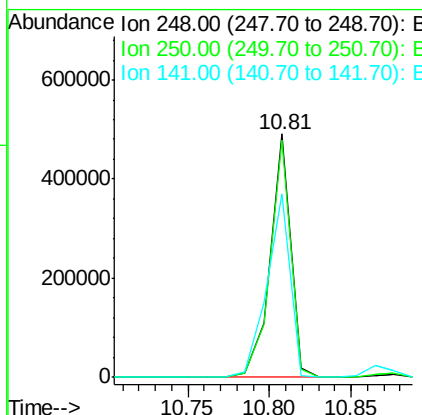
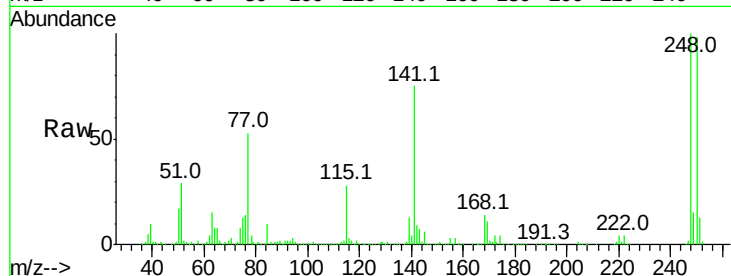




#66
4-Bromophenyl-phenylether
Concen: 52.46 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

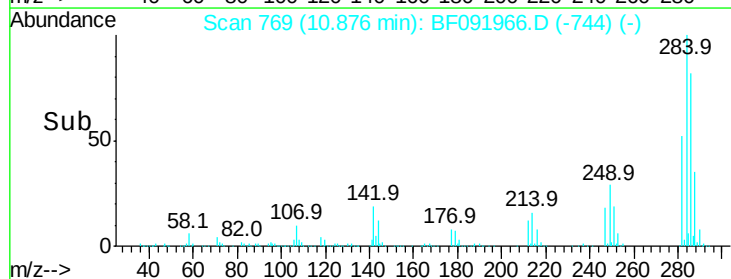
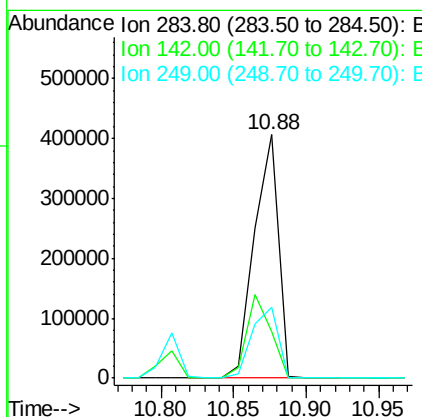
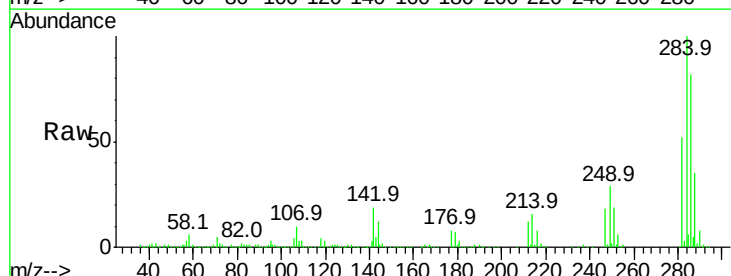
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

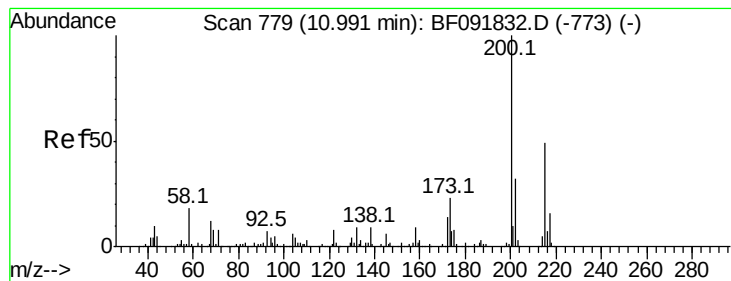
Tot Ion:248 Resp: 431300
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 75.4 68.2 102.4



#67
Hexachlorobenzene
Concen: 53.24 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:284 Resp: 467866
Ion Ratio Lower Upper
284 100
142 19.3 22.6 33.8#
249 29.0 25.4 38.0





#68

Atrazine

Concen: 7.63 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

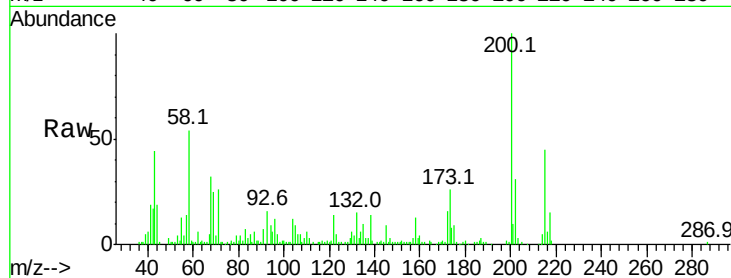
Tot Ion:200 Resp: 57721

Ion Ratio Lower Upper

200 100

173 25.9 9.6 49.6

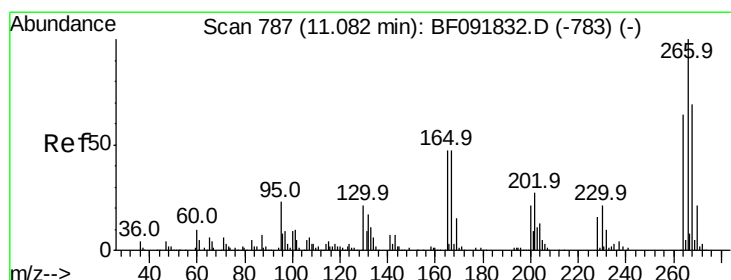
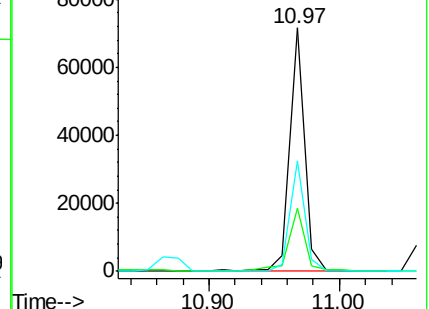
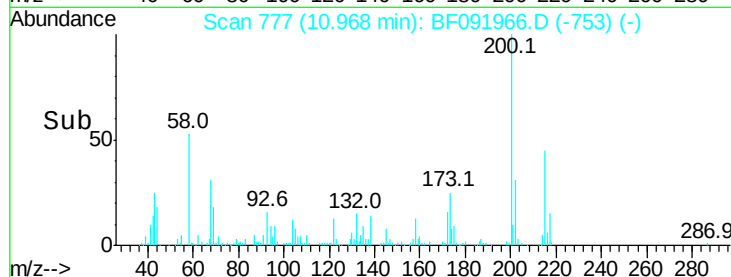
215 45.3 25.7 65.7



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: 102.27 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

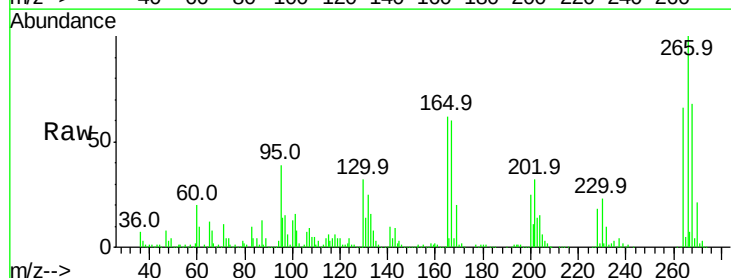
Tgt Ion:266 Resp: 441003

Ion Ratio Lower Upper

266 100

268 67.6 53.3 79.9

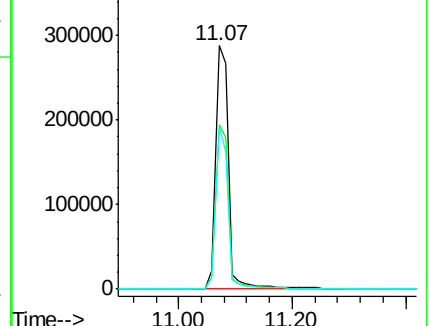
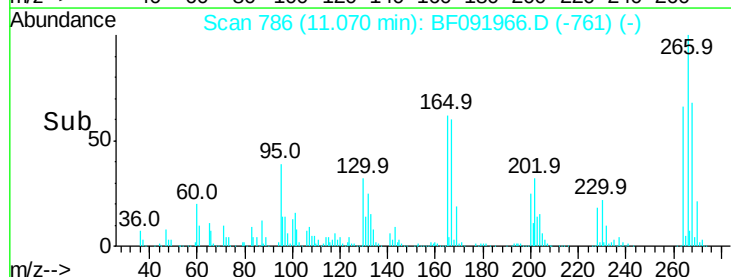
264 66.4 50.3 75.5

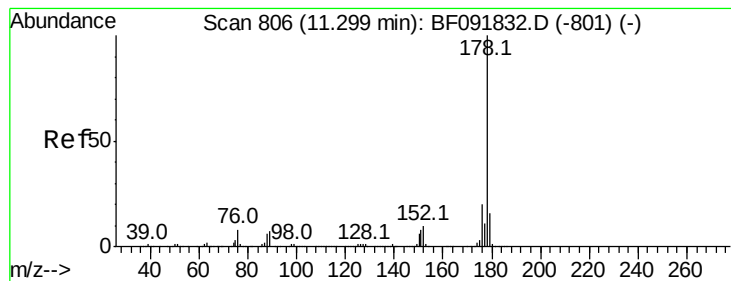


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 51.49 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

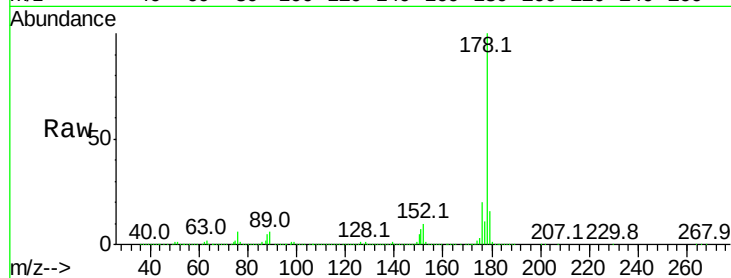
Tot Ion:178 Resp: 2206909

Ion Ratio Lower Upper

178 100

176 20.3 16.6 25.0

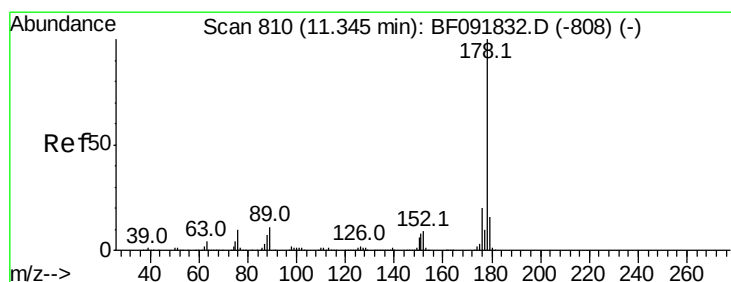
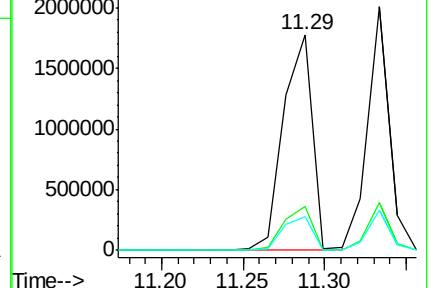
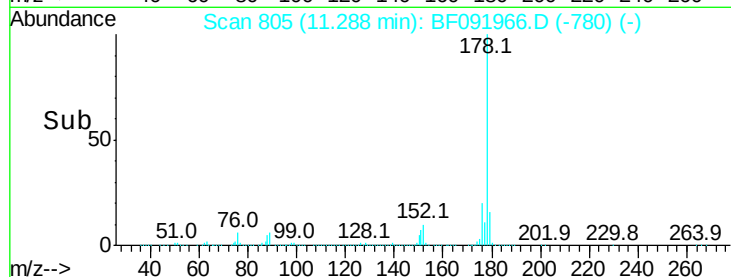
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 52.40 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

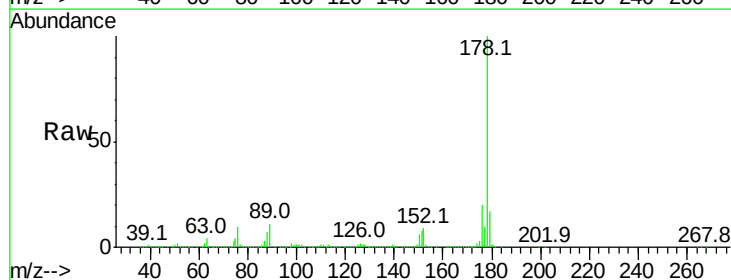
Tgt Ion:178 Resp: 1879644

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

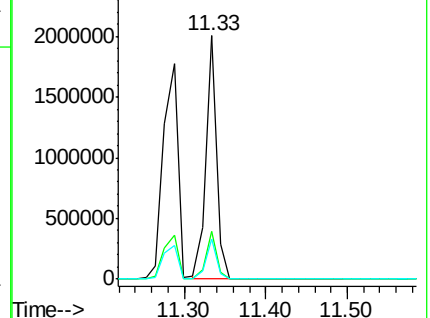
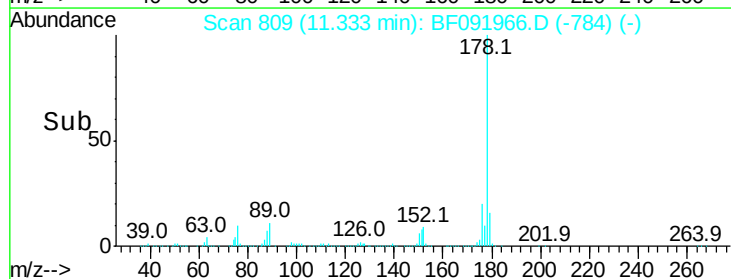
179 16.5 13.2 19.8

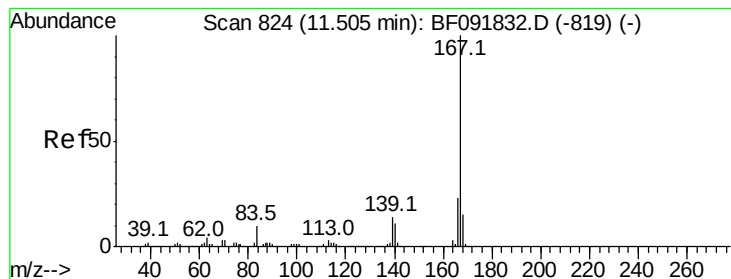


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 50.04 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

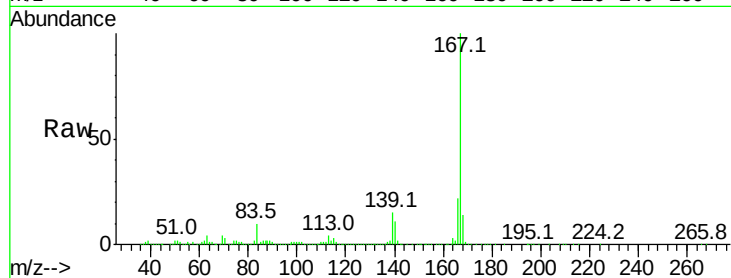
Tot Ion:167 Resp: 1677822

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

139 14.8 11.4 17.2



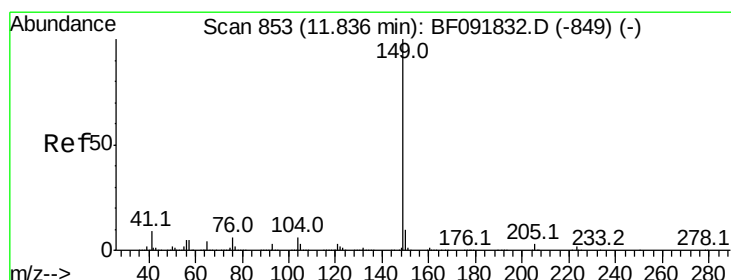
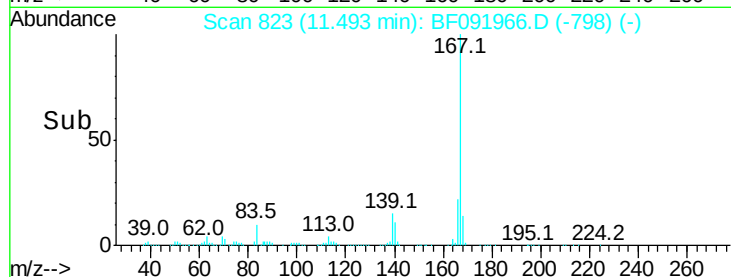
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.49

Time-->



#73

Di-n-butylphthalate

Concen: 53.95 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

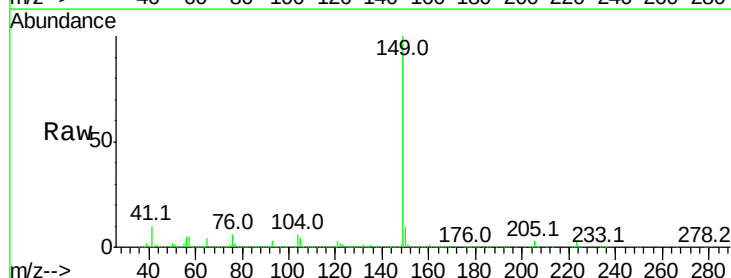
Tgt Ion:149 Resp: 2157597

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 6.0 4.6 7.0



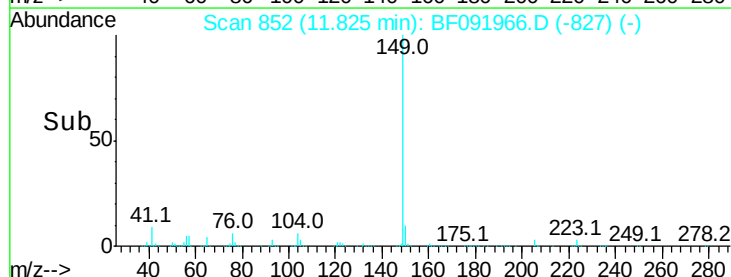
Abundance Ion 149.00 (148.70 to 149.70): E

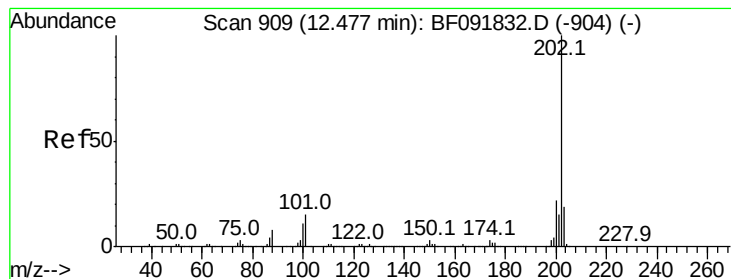
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.82

Time-->





#74

Fluoranthene

Concen: 53.06 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

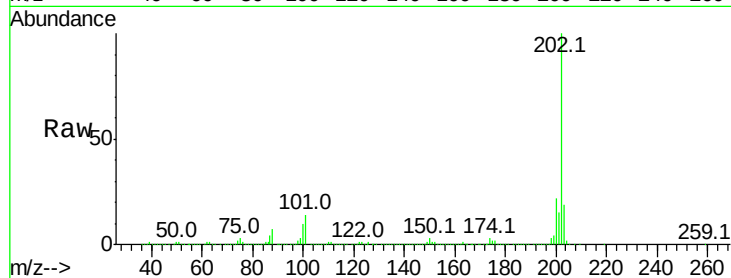
Tot Ion:202 Resp: 1969153

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

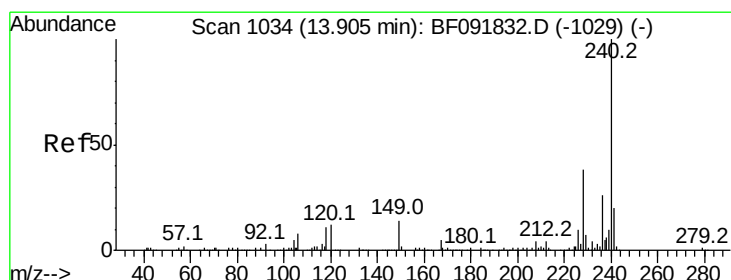
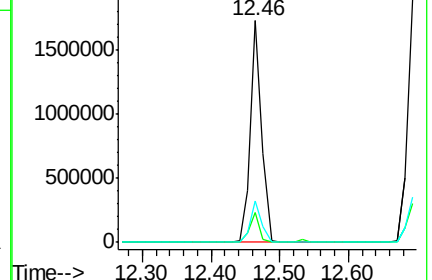
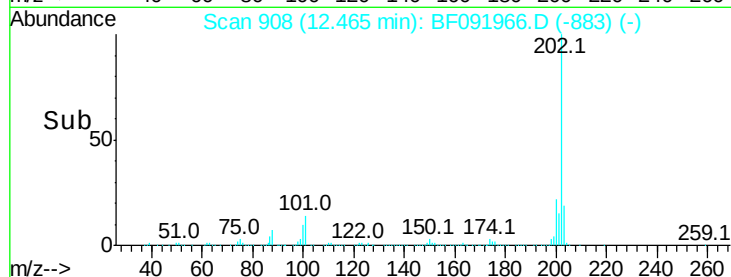
203 18.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

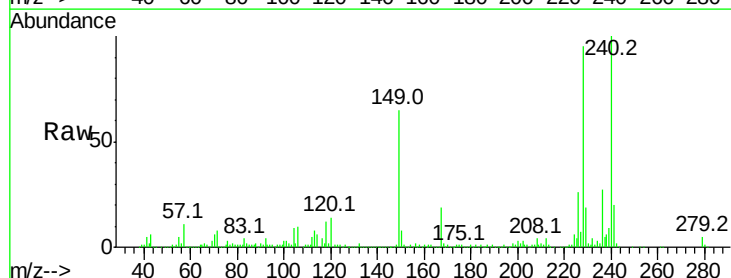
Tgt Ion:240 Resp: 530455

Ion Ratio Lower Upper

240 100

120 14.4 12.9 19.3

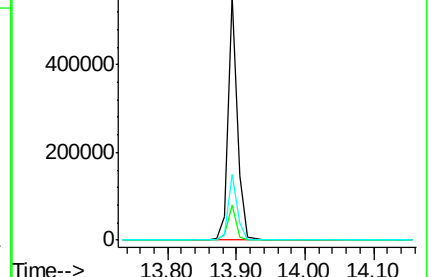
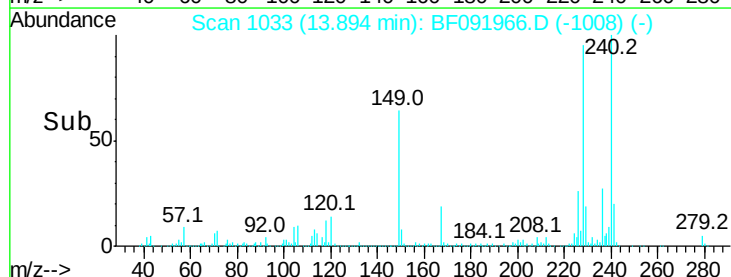
236 26.9 20.9 31.3

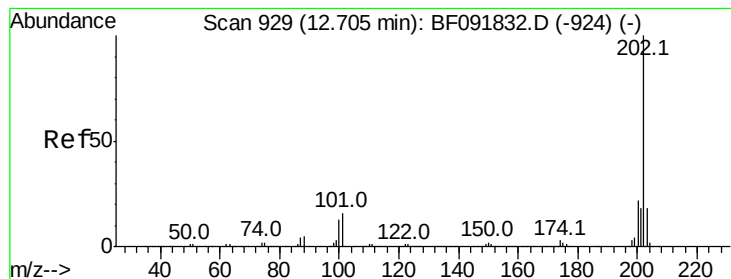


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 48.90 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

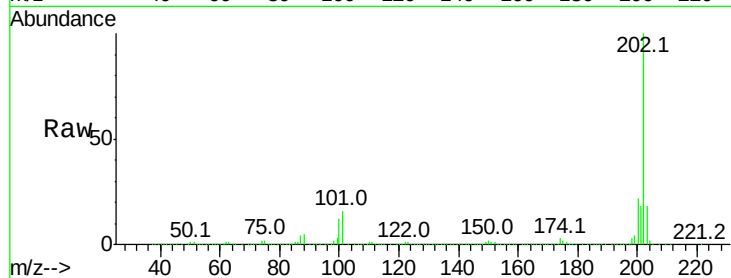
Tot Ion:202 Resp: 1903246

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

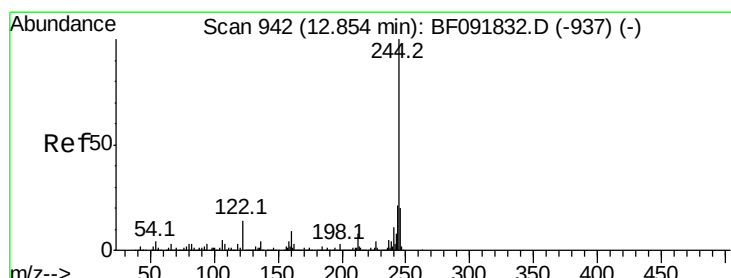
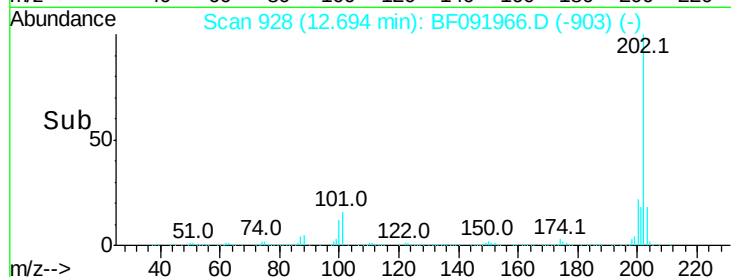
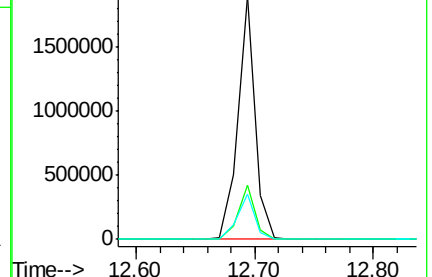
203 18.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.03 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

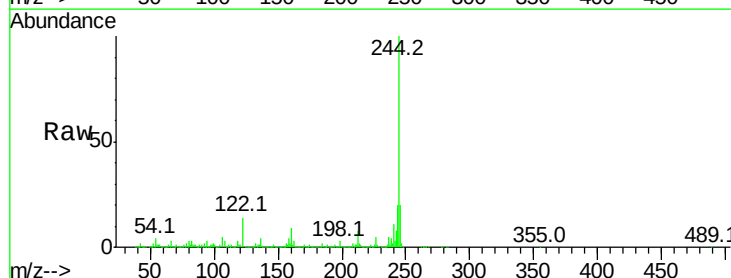
Tgt Ion:244 Resp: 2319110

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

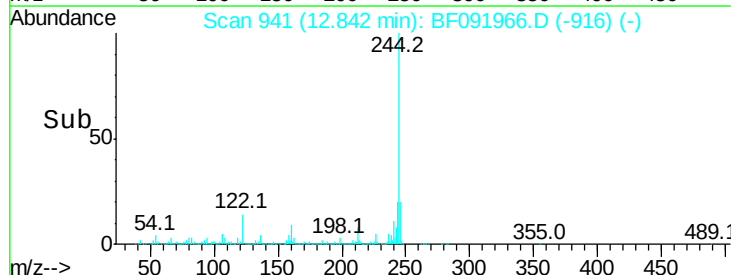
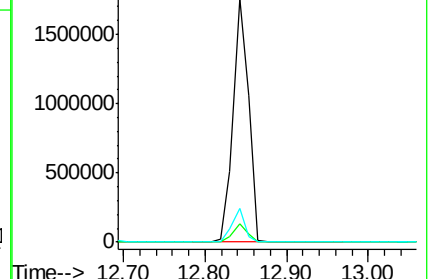
122 14.1 11.4 17.2

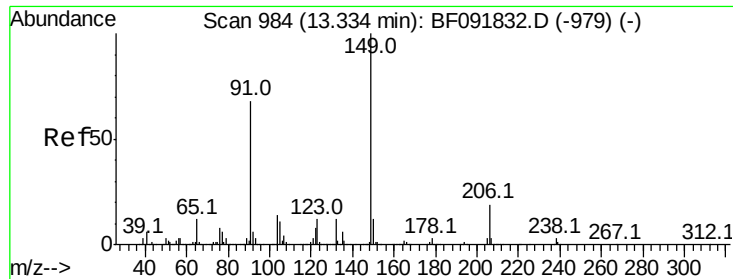


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

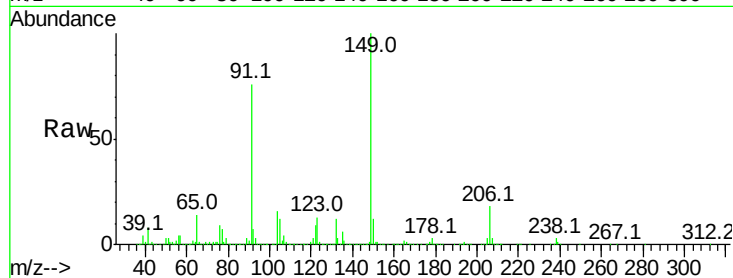




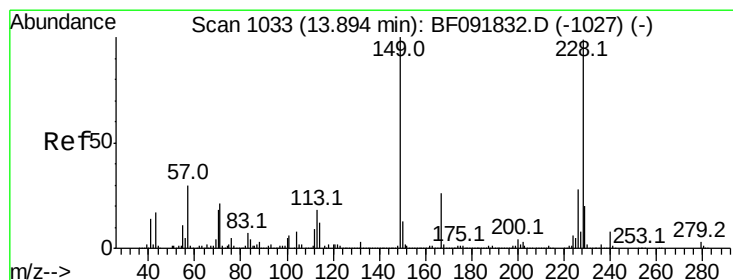
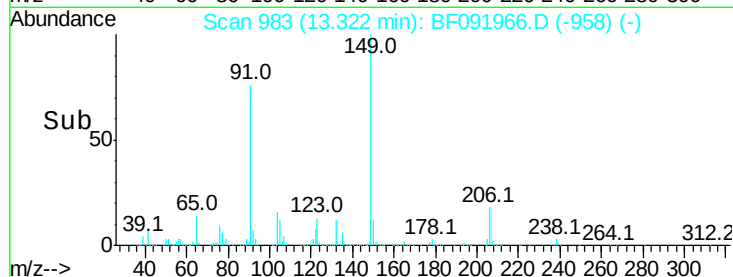
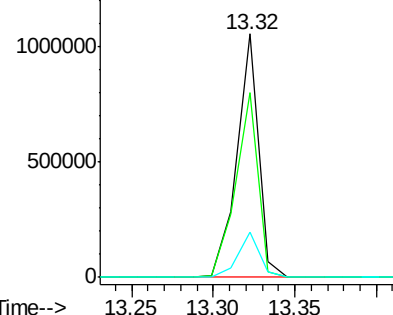
#79
Butylbenzylphthalate
Concen: 54.47 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

Tot Ion:149 Resp: 964152
Ion Ratio Lower Upper
149 100
91 75.8 63.9 95.9
206 18.5 14.6 21.8

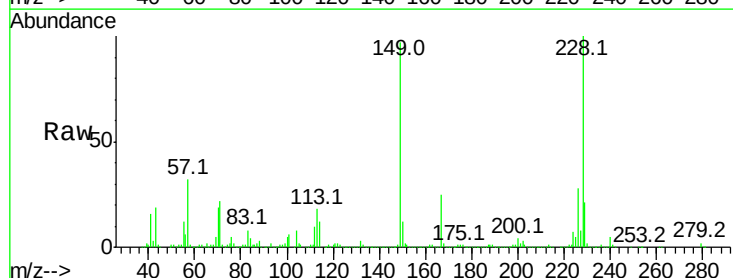


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

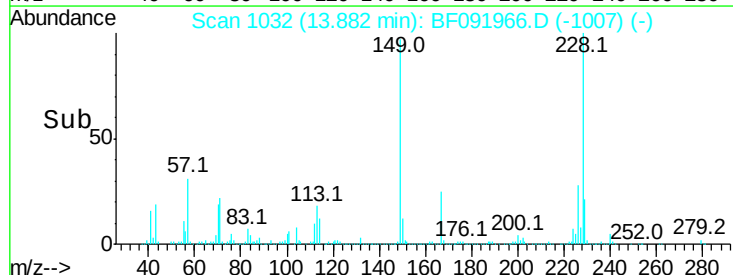
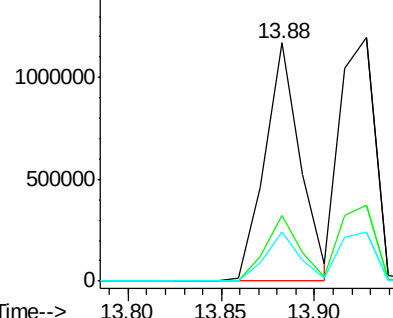


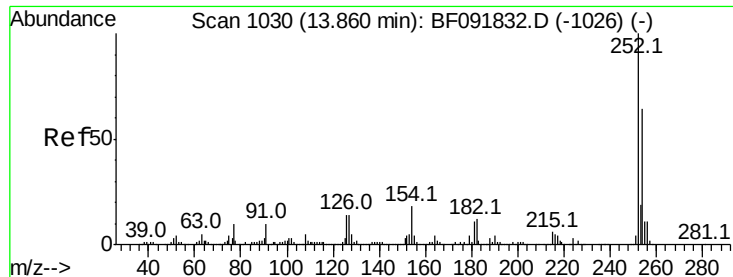
#80
Benzo(a)anthracene
Concen: 51.62 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:228 Resp: 1545600
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.8 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: 7.75 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116MS

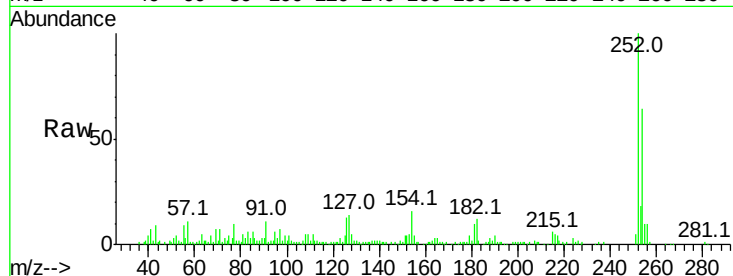
Tot Ion:252 Resp: 87947

Ion Ratio Lower Upper

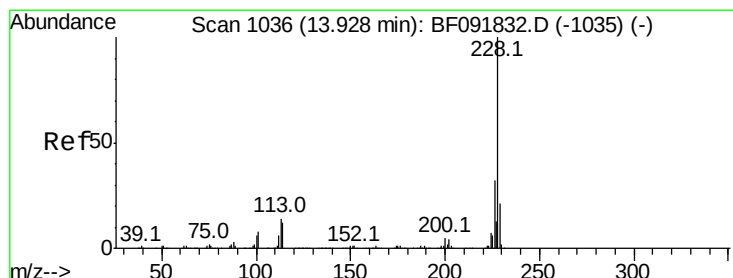
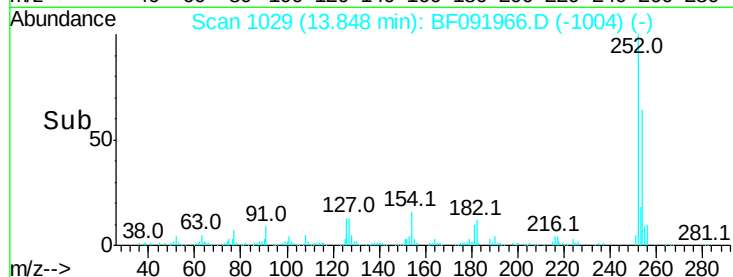
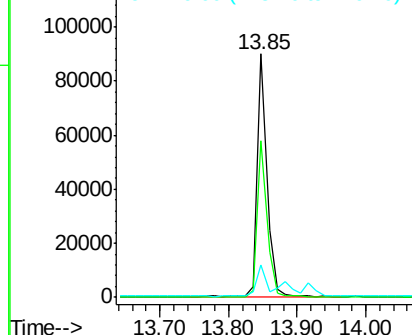
252 100

254 64.2 52.3 78.5

126 13.5 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 52.61 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF091966.D

Acq: 27 Dec 2016 14:31

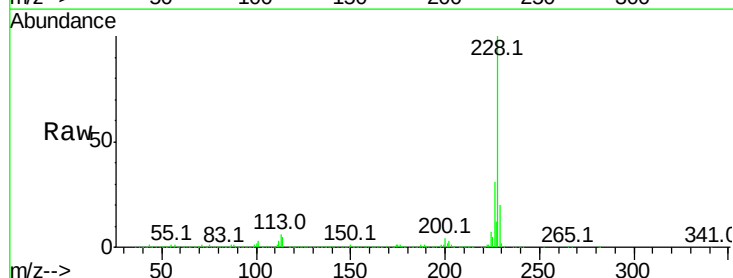
Tgt Ion:228 Resp: 1580014

Ion Ratio Lower Upper

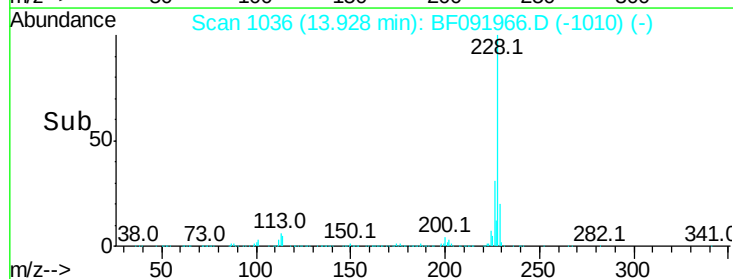
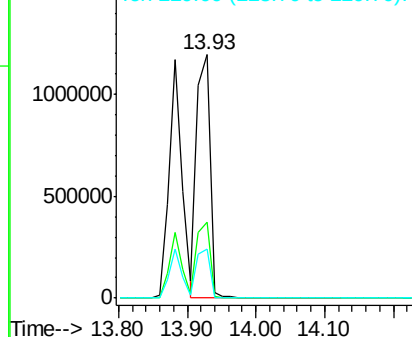
228 100

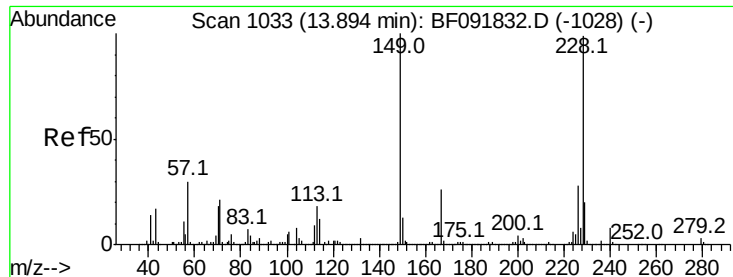
226 30.9 25.4 38.0

229 19.9 16.2 24.2



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

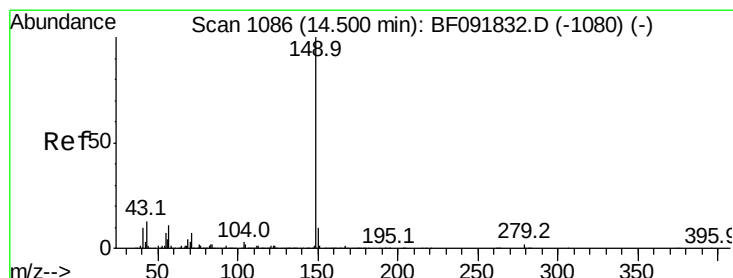
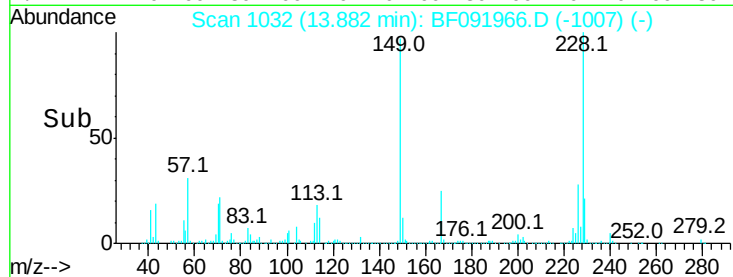
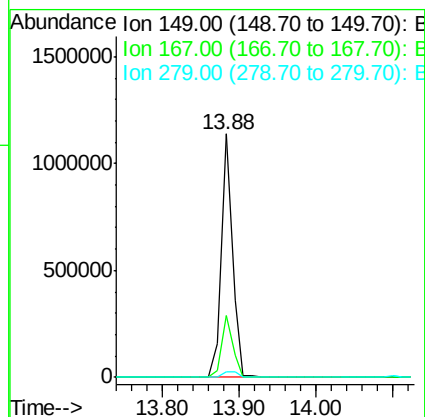
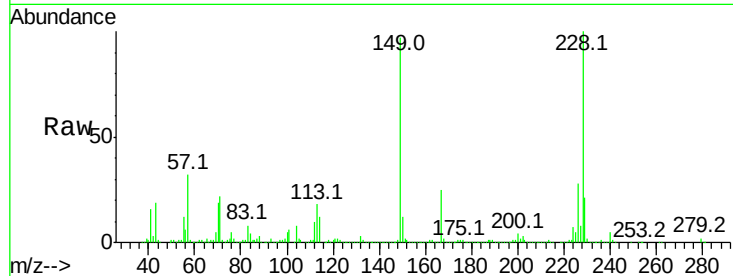




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.06 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

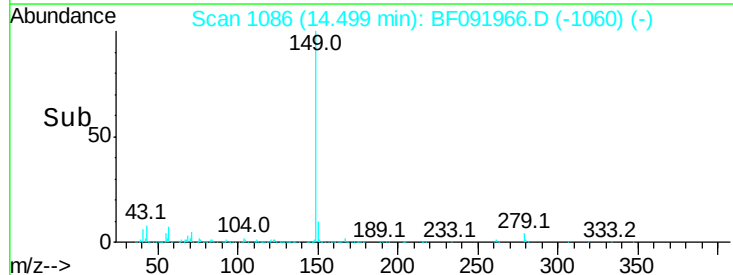
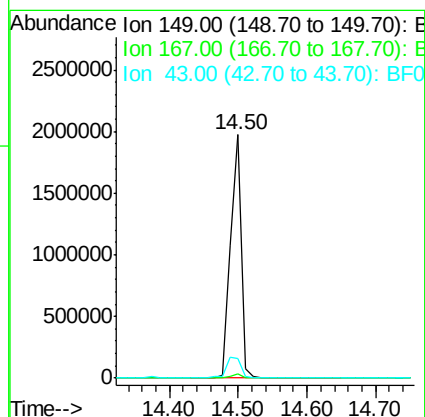
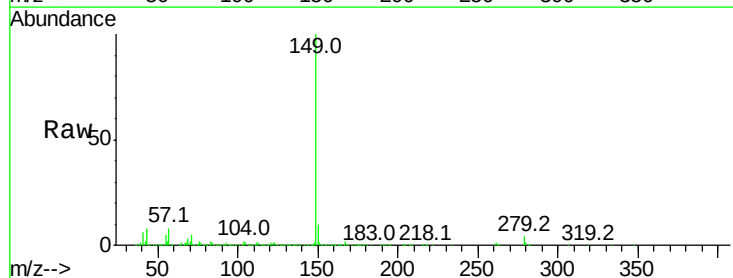
Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

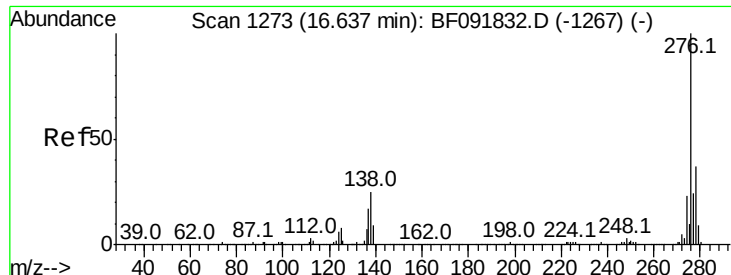
Tot Ion:149 Resp: 1147701
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.2 30.4
 279 2.4 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 56.45 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Tgt Ion:149 Resp: 2179785
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.6 8.9 13.3



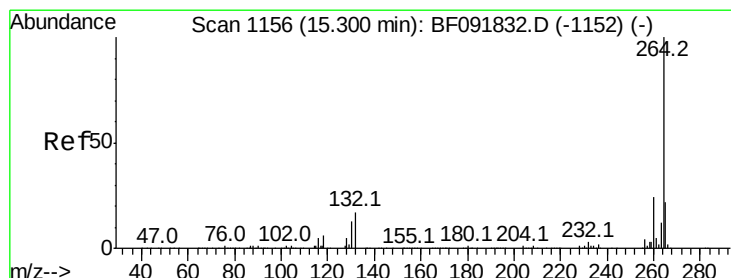
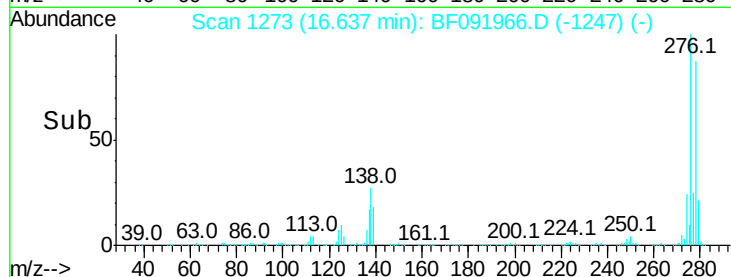
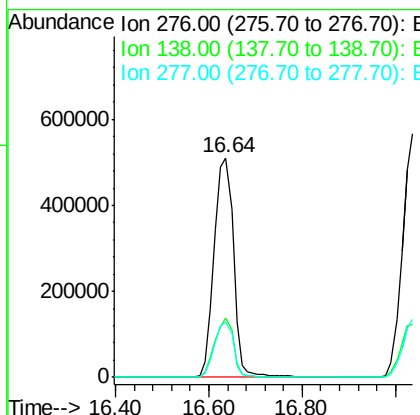
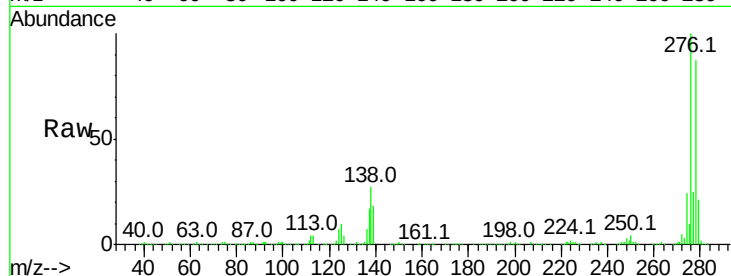


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.97 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Tot Ion:276 Resp: 1482341

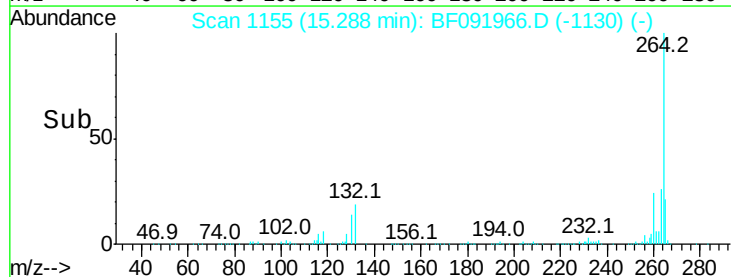
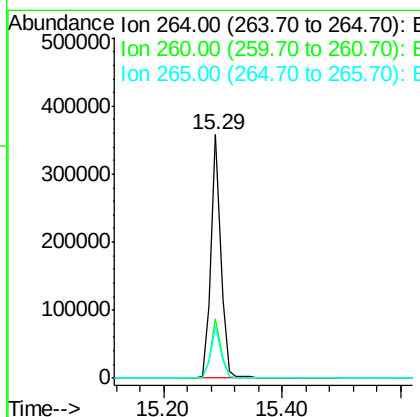
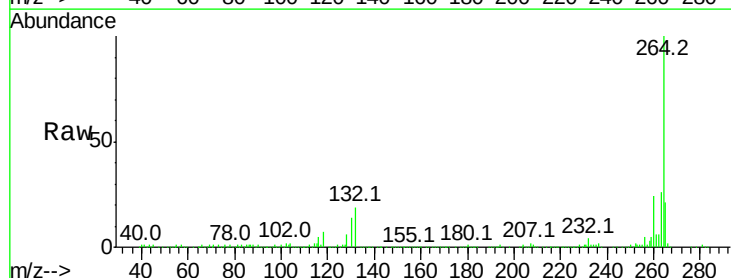
Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.6
277	25.0	20.2	30.4

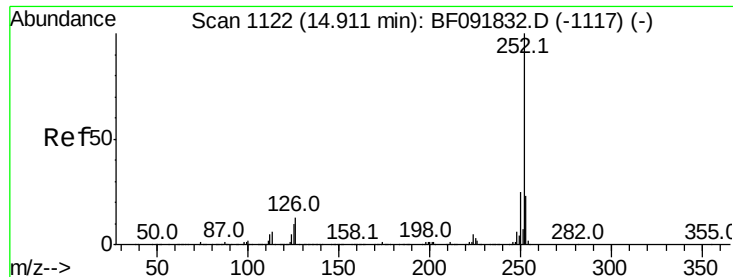


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Tgt Ion:264 Resp: 415185

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.4	26.0

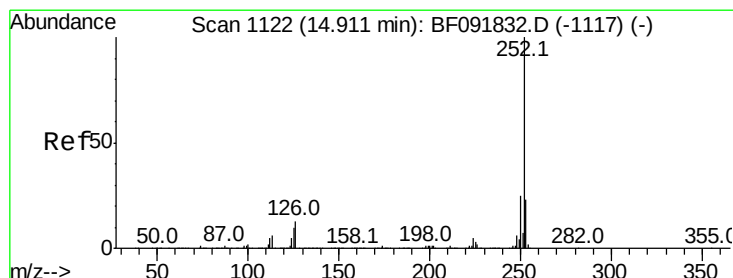
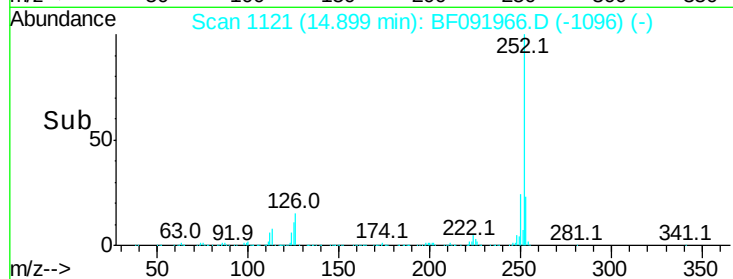
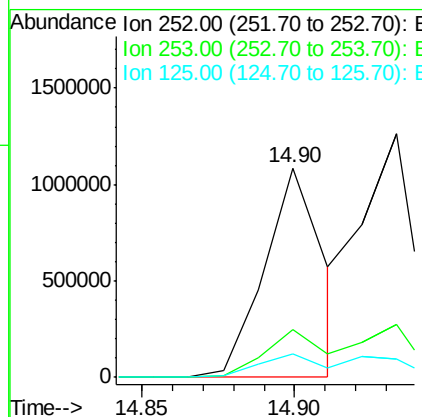
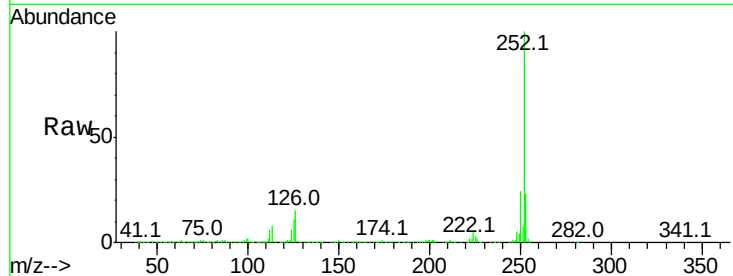




#87
Benzo(b)fluoranthene
Concen: 56.82 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

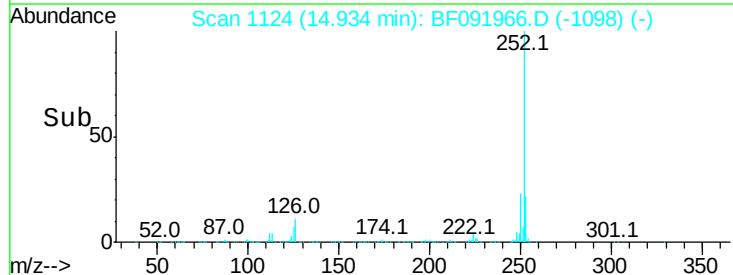
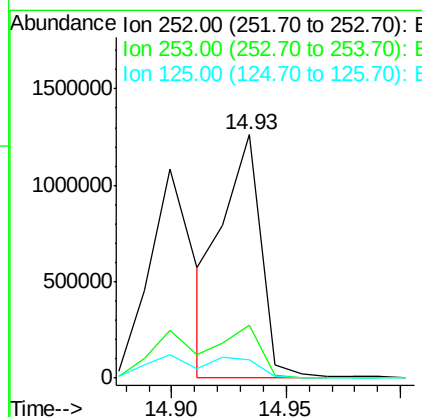
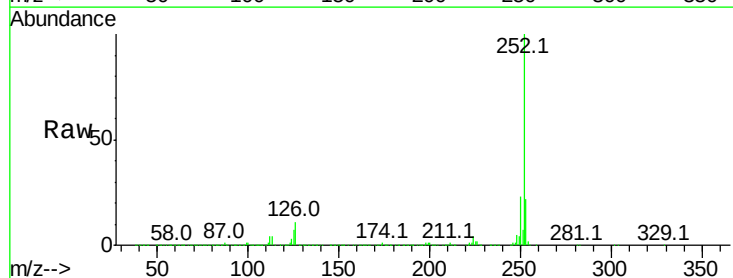
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

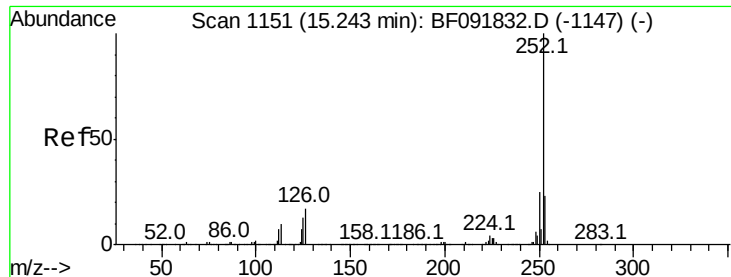
Tot Ion:252 Resp: 1468849
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 11.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 67.03 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:252 Resp: 1477599
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 7.5 8.9 13.3#

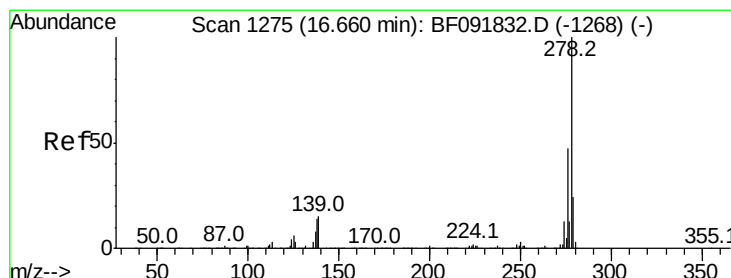
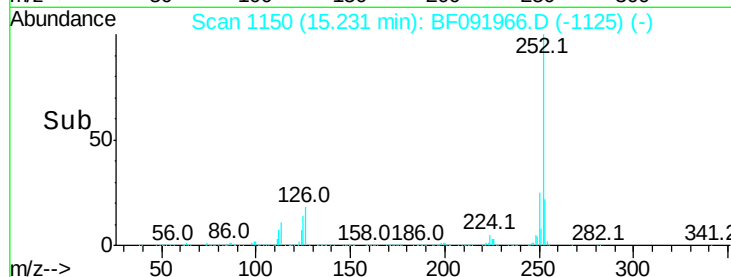
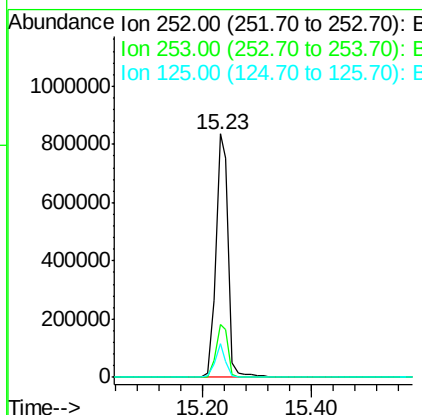
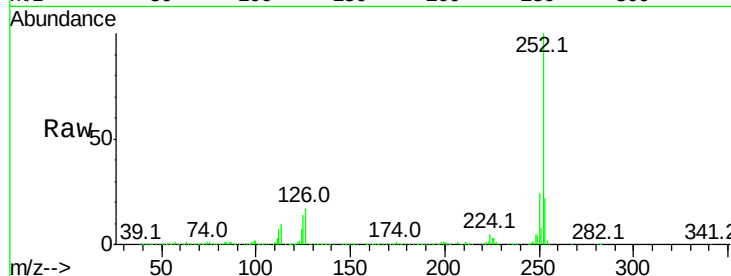




#89
Benzo(a)pyrene
Concen: 58.91 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

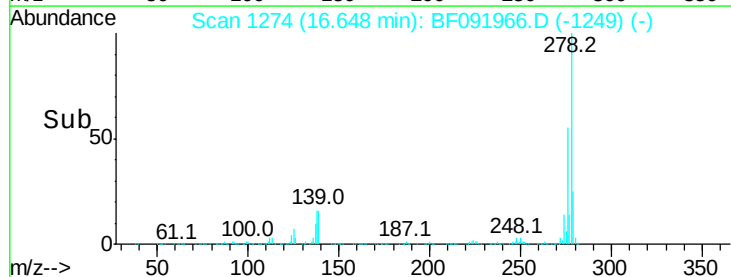
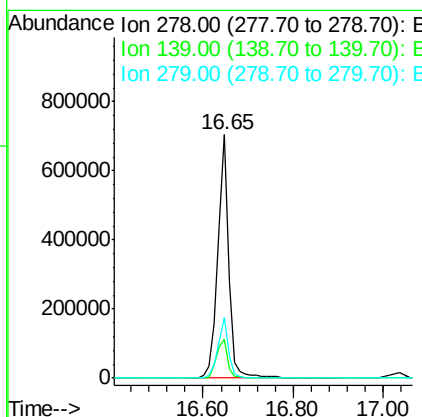
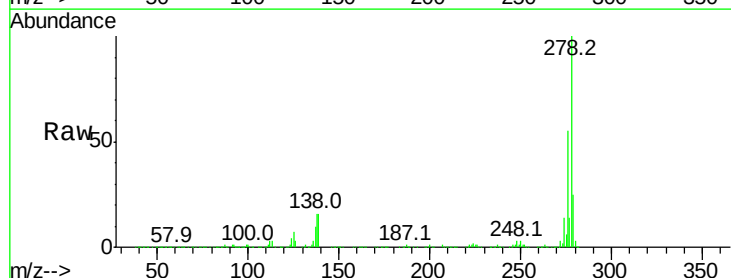
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116MS

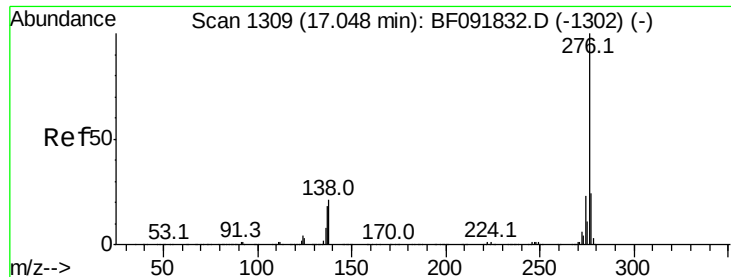
Tot Ion:252 Resp: 1351520
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 13.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 64.02 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091966.D
Acq: 27 Dec 2016 14:31

Tgt Ion:278 Resp: 1207313
Ion Ratio Lower Upper
278 100
139 16.1 14.8 22.2
279 24.6 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 65.10 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091966.D
 Acq: 27 Dec 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116MS

Tot Ion:276 Resp: 1276527

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.8	16.0	24.0

