

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091528.D
 Acq On : 9 Dec 2016 15:17
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 16:04:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	271771	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1052324	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	523624	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	866361	20.00	ng	0.00
75) Chrysene-d12	13.96	240	564522	20.00	ng	0.00
86) Perylene-d12	15.38	264	571530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1295581	77.88	ng	0.00
7) Phenol-d6	6.45	99	1481795	72.36	ng	0.00
23) Nitrobenzene-d5	7.38	82	1484511	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	336650	67.91	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2336915	80.81	ng	0.00
78) Terphenyl-d14	12.92	244	2064918	79.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	327425	43.51	ng	# 85
3) Pyridine	3.10	79	940969	44.18	ng	# 80
4) n-Nitrosodimethylamine	3.06	42	384914	34.44	ng	# 71
6) Aniline	6.48	93	1013523	37.26	ng	# 72
8) 2-Chlorophenol	6.60	128	735375	40.32	ng	99
9) Benzaldehyde	6.58	77	34773	2.64	ng	82
10) Phenol	6.46	94	791108	32.83	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	719388	41.78	ng	85
12) 1,3-Dichlorobenzene	6.99	146	715593	35.27	ng	98
13) 1,4-Dichlorobenzene	6.83	146	745053	36.92	ng	97
14) 1,2-Dichlorobenzene	6.99	146	716394	38.11	ng	94
15) Benzyl Alcohol	6.96	79	606072	36.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1111113	30.01	ng	79
17) 2-Methylphenol	7.08	107	598813	41.53	ng	# 76
18) Hexachloroethane	7.33	117	299750	41.83	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	505551	39.18	ng	# 72
20) 3+4-Methylphenols	7.23	107	620960	35.28	ng	# 54
22) Acetophenone	7.23	105	966570	38.75	ng	# 91
24) Nitrobenzene	7.40	77	854273	44.44	ng	# 89
25) Isophorone	7.64	82	1320741	39.70	ng	98
26) 2-Nitrophenol	7.72	139	373607	42.64	ng	# 69
27) 2,4-Dimethylphenol	7.76	122	574973	35.08	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	812820	40.59	ng	98
29) 2,4-Dichlorophenol	7.96	162	570928	39.60	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	585443	36.22	ng	99
31) Naphthalene	8.12	128	1872491	37.44	ng	100
32) Benzoic acid	7.88	122	412447	34.14	ng	94
33) 4-Chloroaniline	8.18	127	809682	37.87	ng	# 92
34) Hexachlorobutadiene	8.25	225	356618	35.88	ng	99
35) Caprolactam	8.54	113	147387	35.57	ng	# 70
36) 4-Chloro-3-methylphenol	8.66	107	623757	40.07	ng	99
37) 2-Methylnaphthalene	8.82	142	1220554	35.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	521122	35.30	ng	97
40) Hexachlorocyclopentadiene	8.97	237	260063	38.01	ng	98

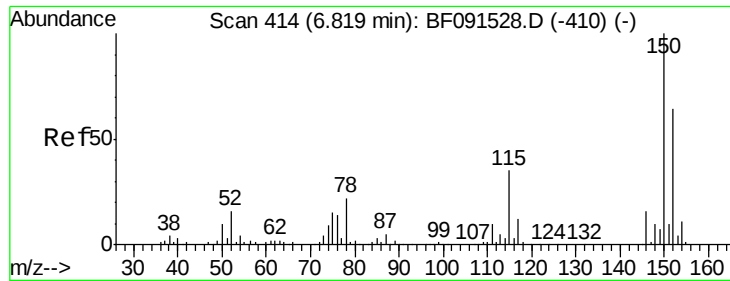
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091528.D
 Acq On : 9 Dec 2016 15:17
 Operator : UM/SJ
 Sample : SSTDICCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	391966	40.86	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	351437	36.55	nq	# 82
45) 1,1'-Biphenyl	9.28	154	1409315	37.43	nq	97
46) 2-Chloronaphthalene	9.30	162	1086016	38.73	nq	98
47) 2-Nitroaniline	9.40	65	407596	40.47	nq	# 81
48) Acenaphthylene	9.71	152	1708179	38.70	nq	99
49) Dimethylphthalate	9.58	163	1357906	42.83	nq	99
50) 2,6-Dinitrotoluene	9.64	165	305283	43.08	nq	# 85
51) Acenaphthene	9.88	154	1180566	39.65	nq	97
52) 3-Nitroaniline	9.81	138	364011	44.38	nq	# 80
53) 2,4-Dinitrophenol	9.90	184	122935	39.67	nq	# 59
54) Dibenzofuran	10.05	168	1479231	37.11	nq	96
55) 4-Nitrophenol	9.97	139	296602	50.06	nq	# 78
56) 2,4-Dinitrotoluene	10.04	165	401847	43.71	nq	# 78
57) Fluorene	10.40	166	1038865	33.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	312179	38.03	nq	94
59) Diethylphthalate	10.28	149	1325970	42.37	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	536828	34.97	nq	# 85
61) 4-Nitroaniline	10.42	138	313757	40.74	nq	84
62) Azobenzene	10.56	77	1505902	47.15	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	192643	40.36	nq	# 31
65) n-Nitrosodiphenylamine	10.51	169	947378	36.07	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	350316	37.62	nq	# 79
67) Hexachlorobenzene	10.94	284	344633	34.25	nq	# 75
68) Atrazine	11.05	200	332796	39.12	nq	93
69) Pentachlorophenol	11.14	266	214956	36.29	nq	95
70) Phenanthrene	11.36	178	1633043	36.28	nq	99
71) Anthracene	11.41	178	1812481	40.57	nq	99
72) Carbazole	11.56	167	1465874	36.16	nq	99
73) Di-n-butylphthalate	11.91	149	1953832	42.52	nq	100
74) Fluoranthene	12.55	202	1822236	42.73	nq	99
76) Benzidine	12.67	184	719659	43.43	nq	98
77) Pyrene	12.77	202	1859274	43.40	nq	100
79) Butylbenzylphthalate	13.39	149	714426	44.53	nq	86
80) Benzo(a)anthracene	13.95	228	1295459	39.24	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	465776	40.05	nq	# 97
82) Chrysene	14.00	228	1397512	42.78	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	925614	45.52	nq	# 92
84) Di-n-octyl phthalate	14.57	149	1651483	53.67	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1250962	41.82	nq	100
87) Benzo(b)fluoranthene	15.00	252	2470230	69.54	nq	99
88) Benzo(k)fluoranthene	15.00	252	2470876	82.71	nq	100
89) Benzo(a)pyrene	15.32	252	1204506	37.76	nq	# 96
90) Dibenzo(a,h)anthracene	16.76	278	1061170	35.96	nq	99
91) Benzo(g,h,i)perylene	17.16	276	1065855	35.03	nq	97

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

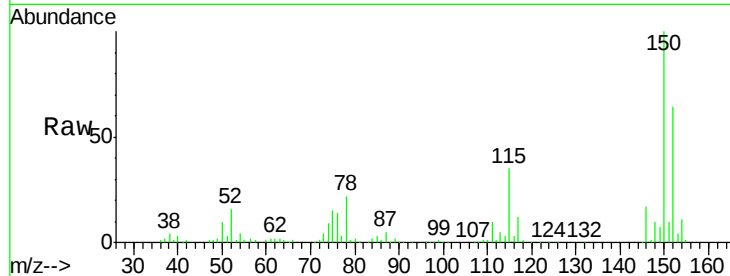


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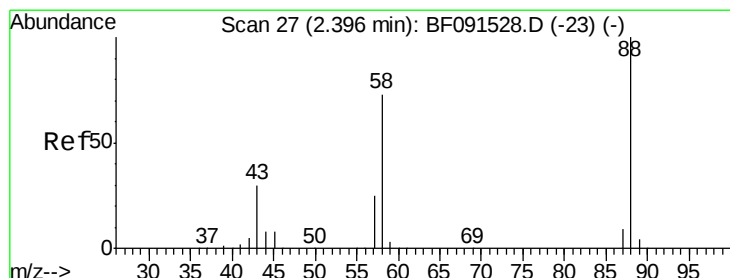
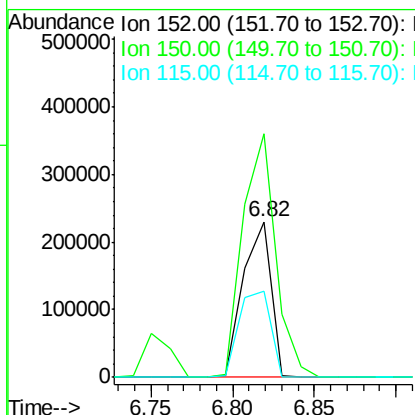
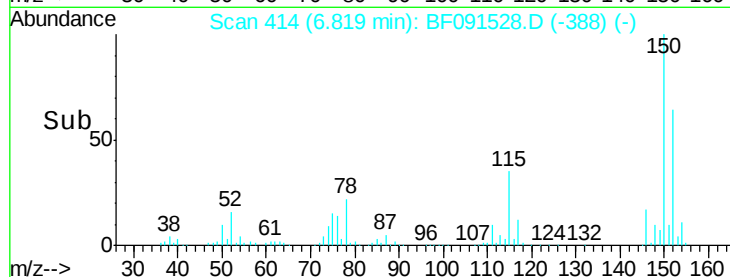
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 271771
Ion Ratio Lower Upper
152 100
150 156.4 122.5 183.7
115 55.3 51.8 77.8



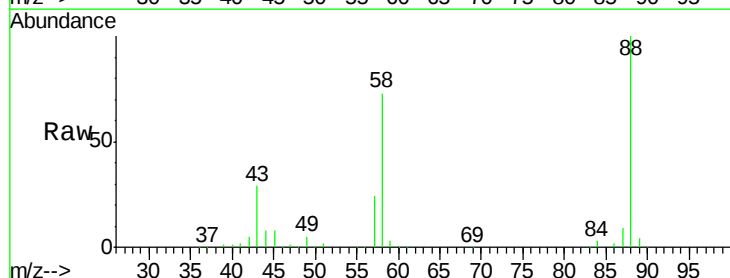
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



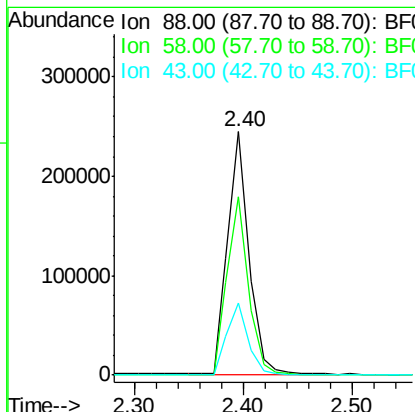
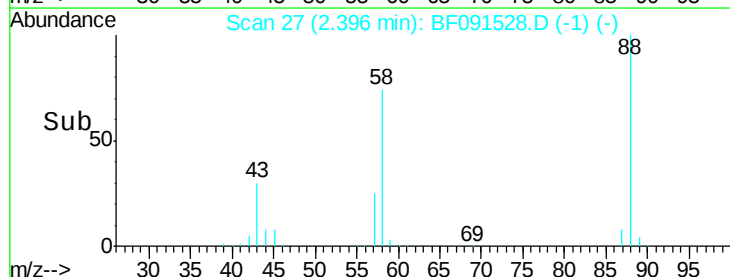
#2

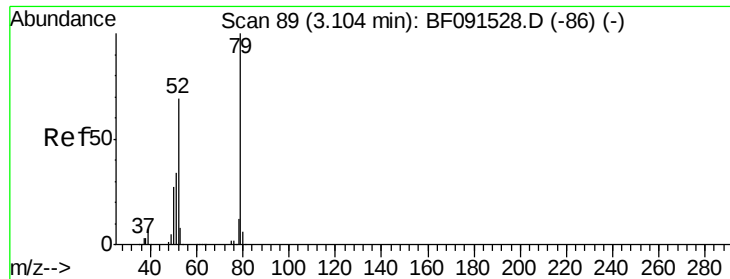
1,4-Dioxane
Concen: 43.51 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion: 88 Resp: 327425
Ion Ratio Lower Upper
88 100
58 74.0 70.3 105.5
43 29.6 31.3 46.9#



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: 44.18 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

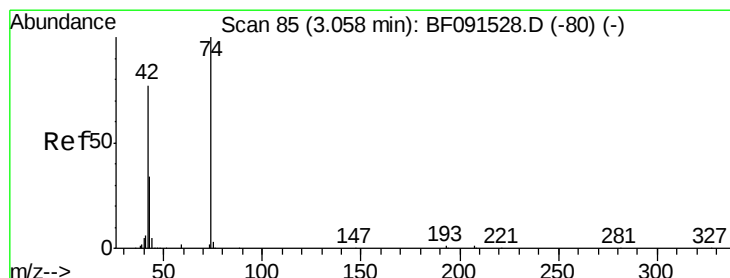
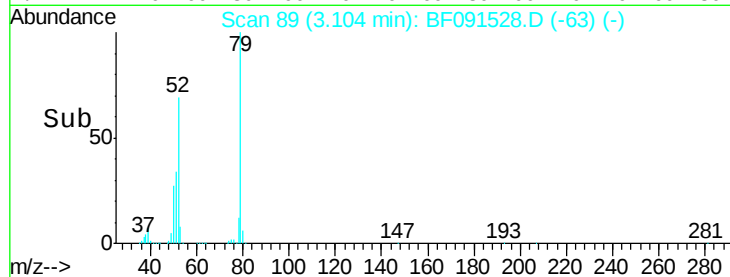
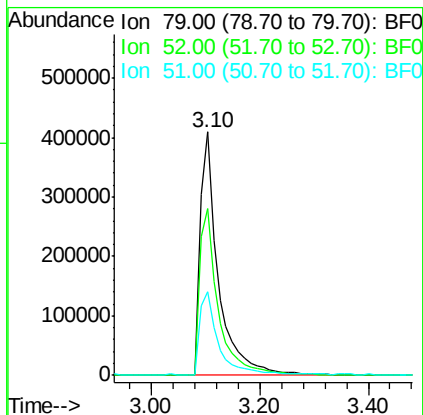
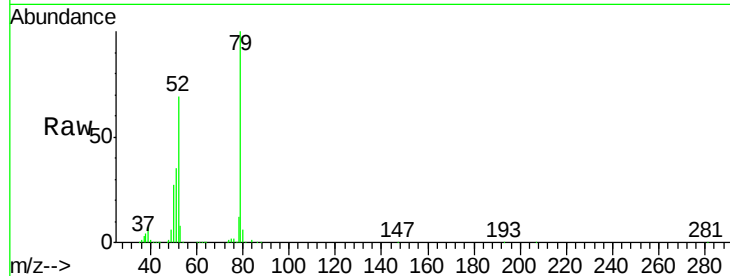
Tot Ion: 79 Resp: 940969

Ion Ratio Lower Upper

79 100

52 68.6 71.0 106.4#

51 34.5 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 34.44 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

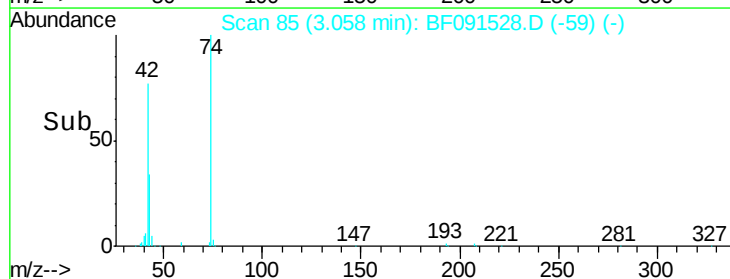
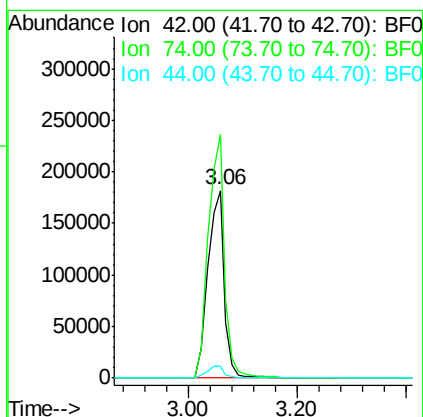
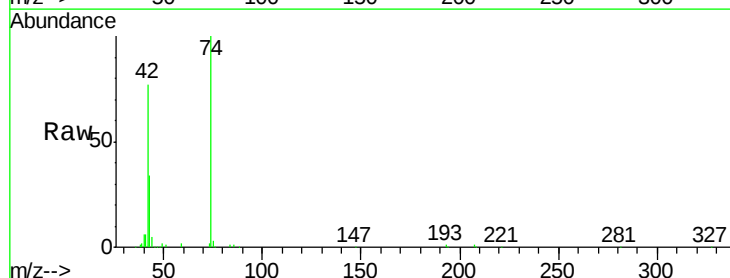
Tgt Ion: 42 Resp: 384914

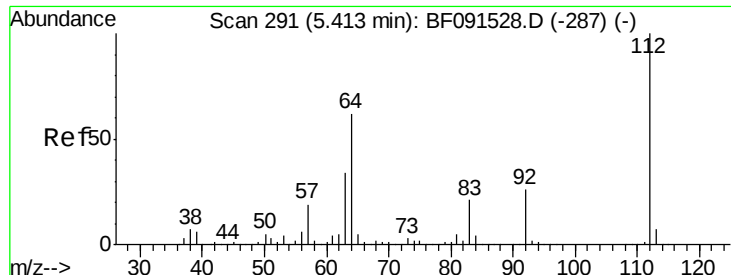
Ion Ratio Lower Upper

42 100

74 129.8 78.9 118.3#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 77.88 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampled :

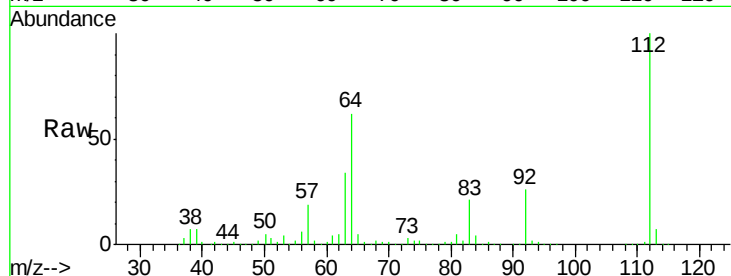
Tot Ion:112 Resp: 1295581

Ion Ratio Lower Upper

112 100

64 62.0 61.5 92.3

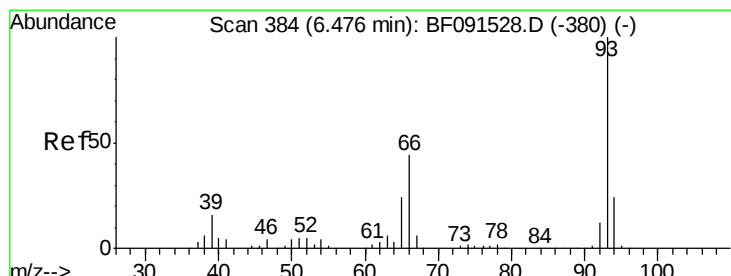
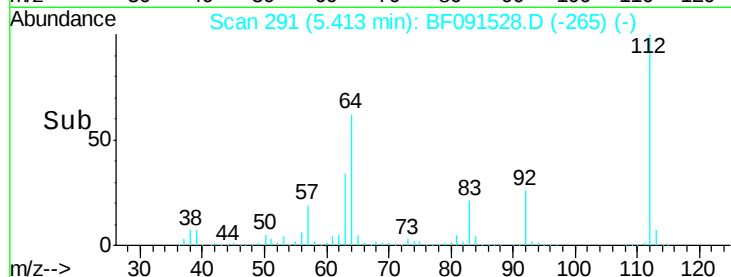
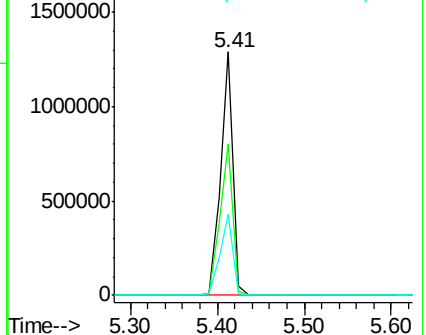
63 33.5 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.26 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

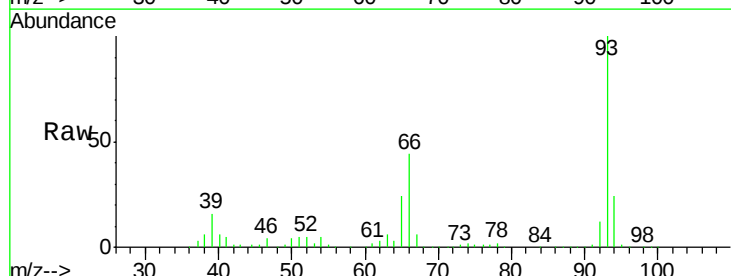
Tgt Ion: 93 Resp: 1013523

Ion Ratio Lower Upper

93 100

66 44.2 55.8 83.6#

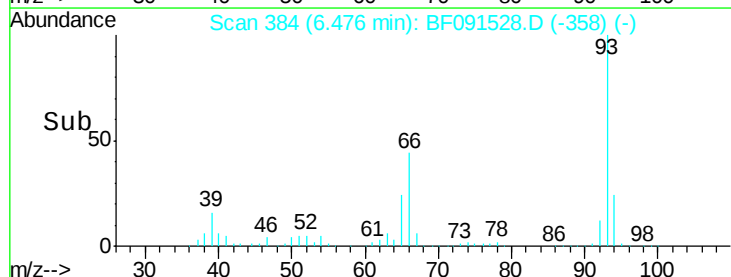
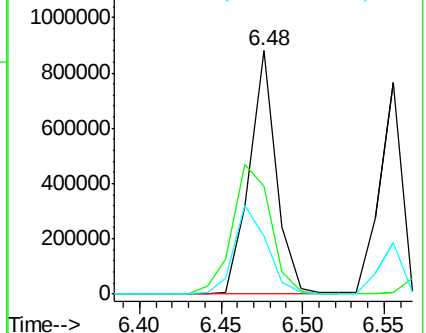
65 24.0 29.9 44.9#

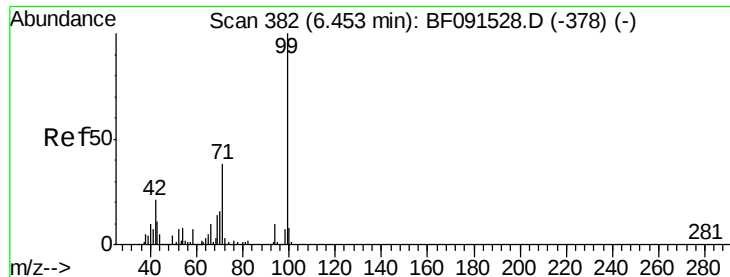


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.36 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

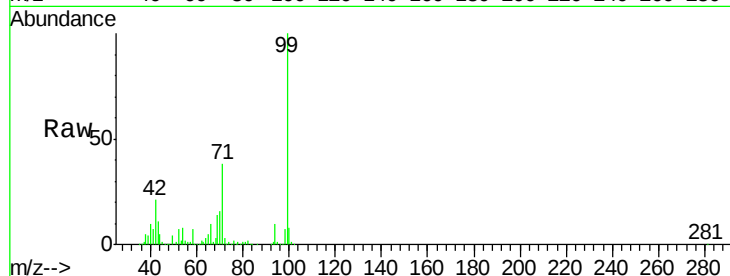
Tot Ion: 99 Resp: 1481795

Ion Ratio Lower Upper

99 100

42 21.1 20.6 31.0

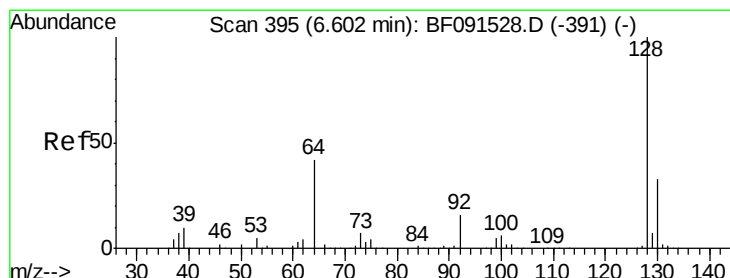
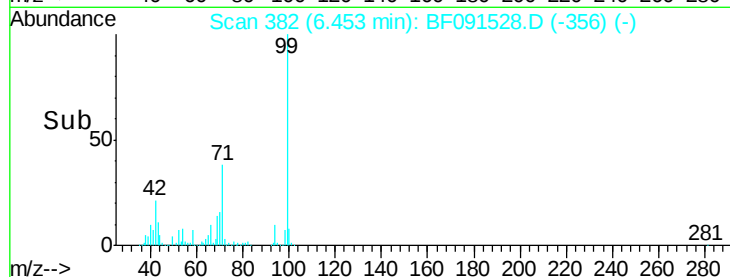
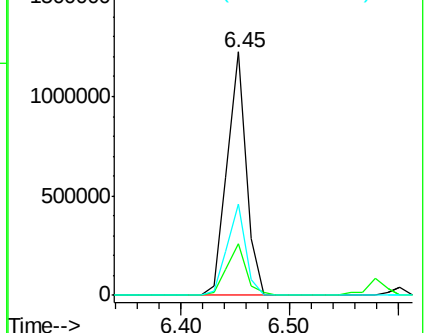
71 37.7 29.9 44.9



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: 40.32 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

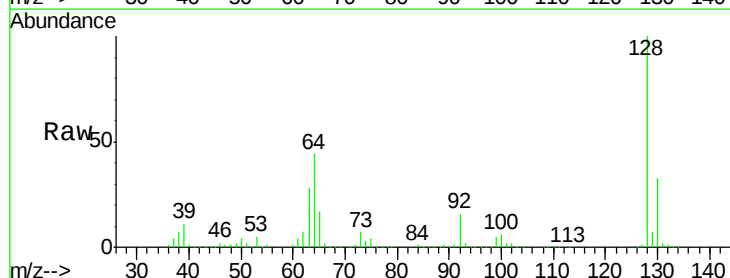
Tgt Ion: 128 Resp: 735375

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

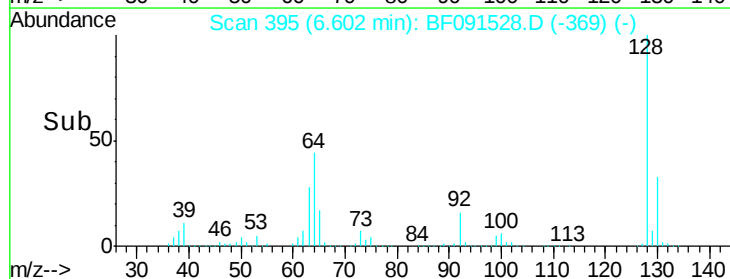
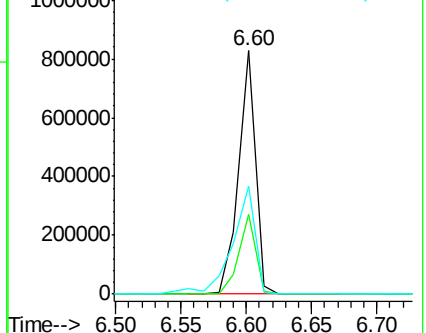
64 44.4 24.1 64.1

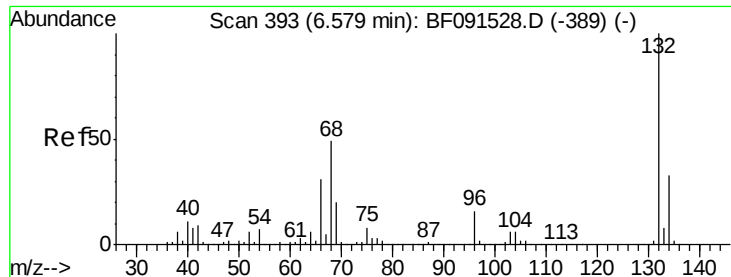


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

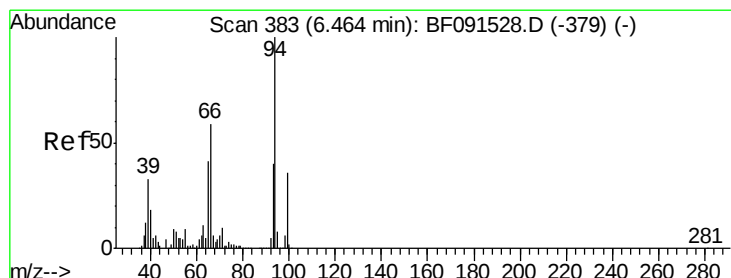
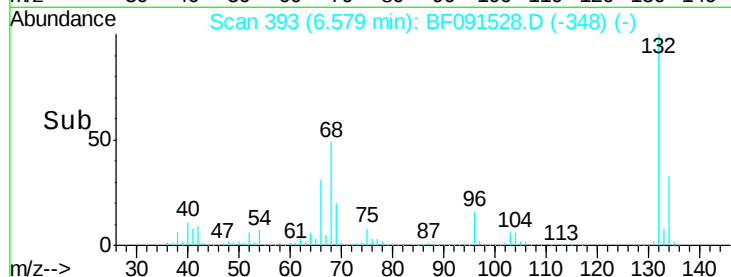
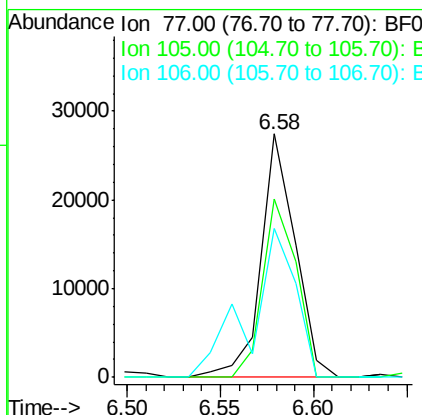
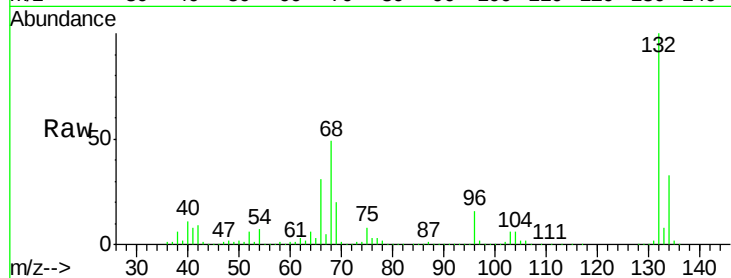




#9
Benzaldehyde
Concen: 2.64 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.22 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

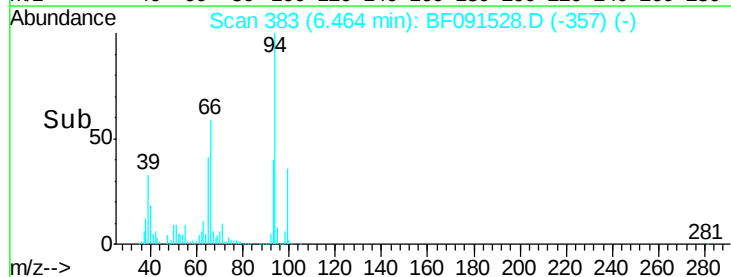
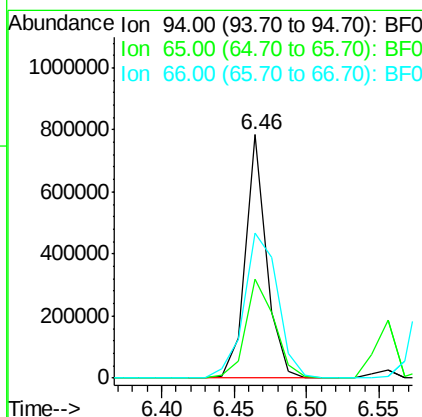
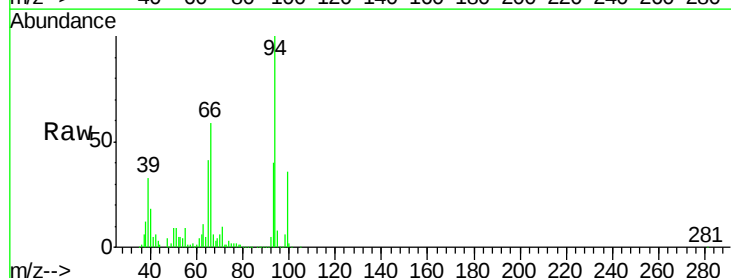
Instrument :
BNA_F
ClientSampleID :

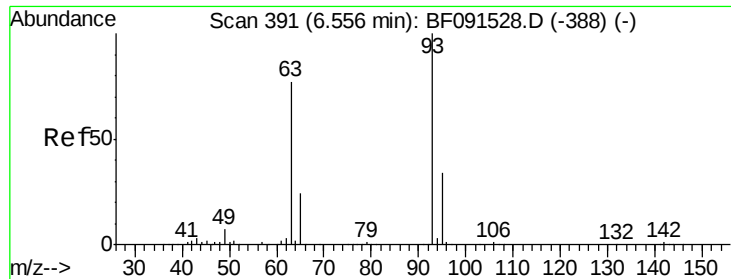
Tot Ion: 77 Resp: 34773
Ion Ratio Lower Upper
77 100
105 73.0 66.4 106.4
106 61.2 60.9 100.9



#10
Phenol
Concen: 32.83 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion: 94 Resp: 791108
Ion Ratio Lower Upper
94 100
65 40.8 16.9 56.9
66 59.5 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 41.78 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

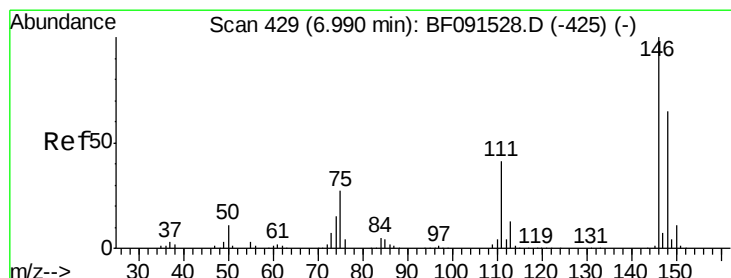
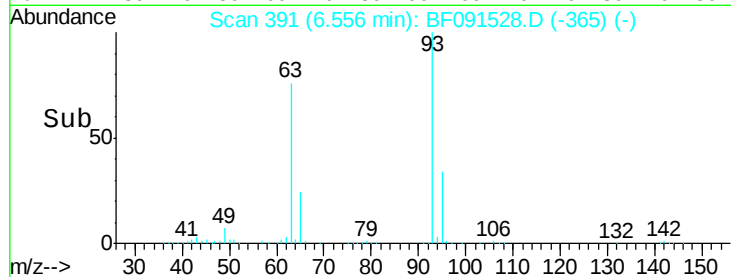
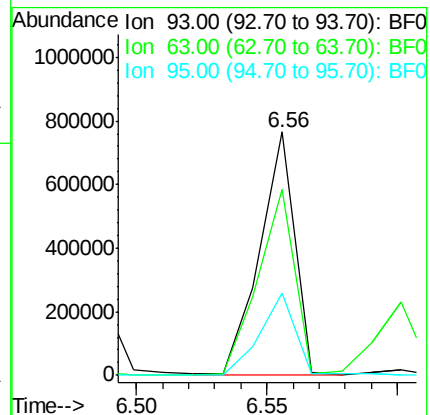
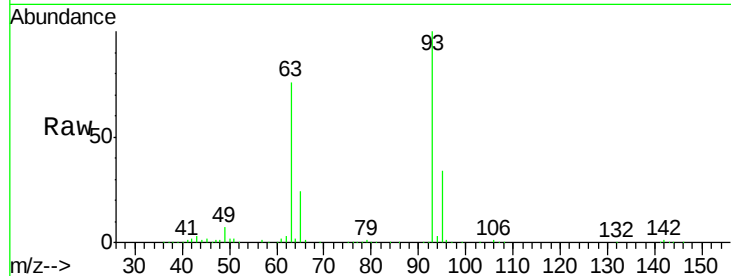
Tot Ion: 93 Resp: 719388

Ion Ratio Lower Upper

93 100

63 76.2 74.8 114.8

95 33.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.27 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.24 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

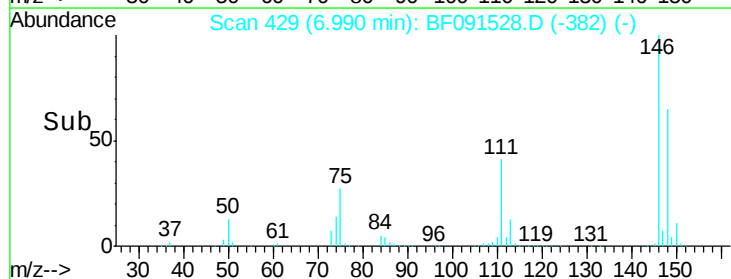
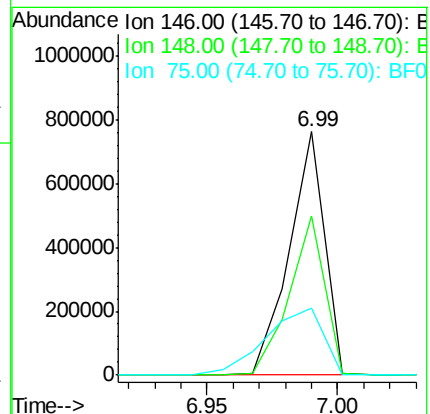
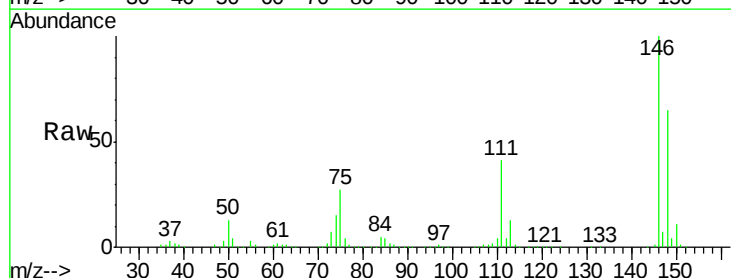
Tgt Ion: 146 Resp: 715593

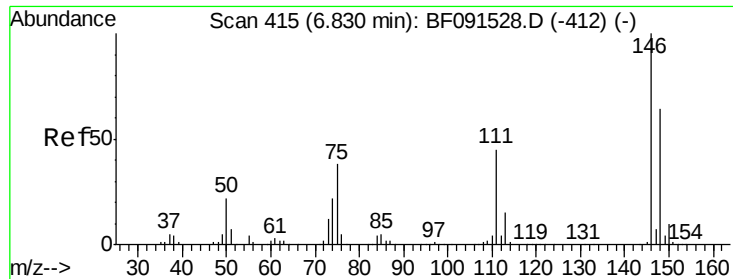
Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.0

75 27.5 23.6 35.4

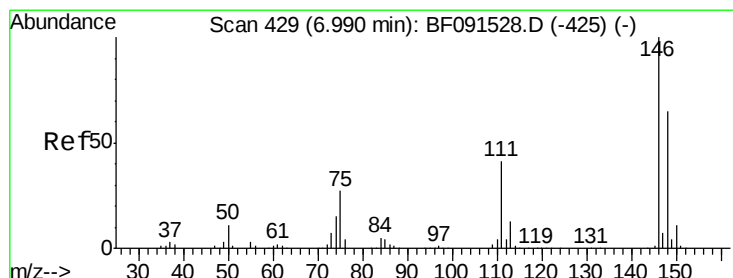
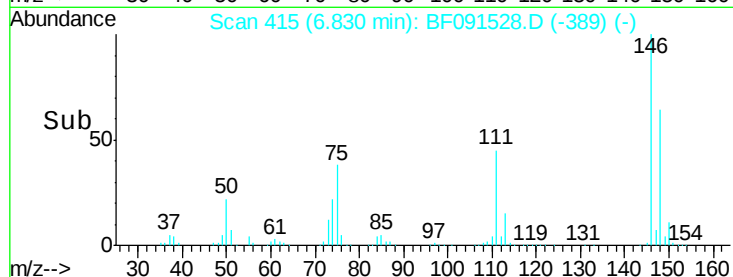
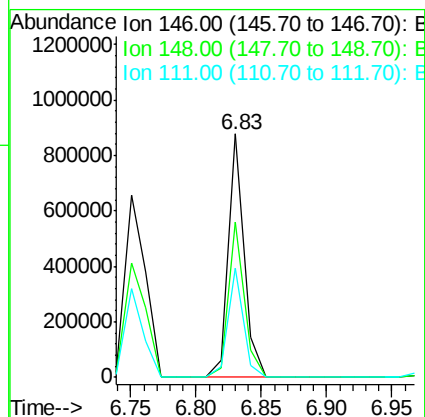
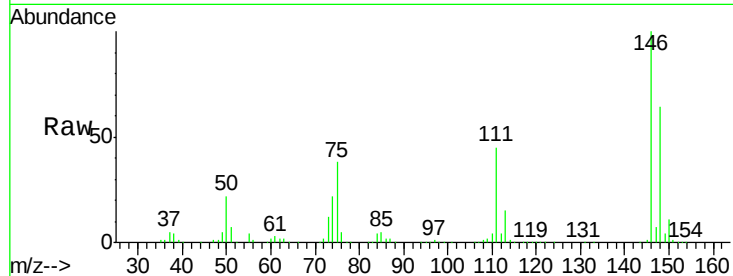




#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

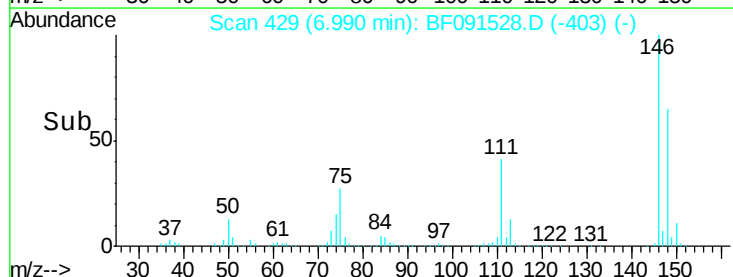
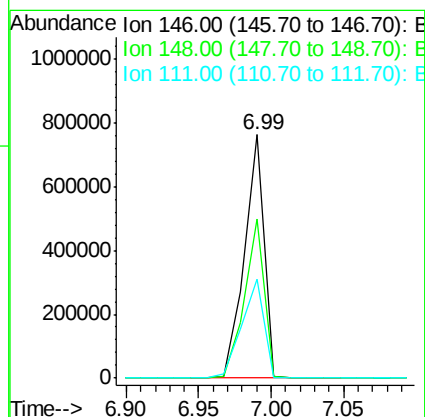
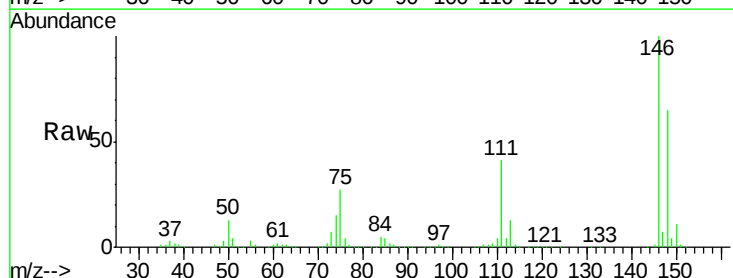
Instrument :
 BNA_F
 ClientSampled :

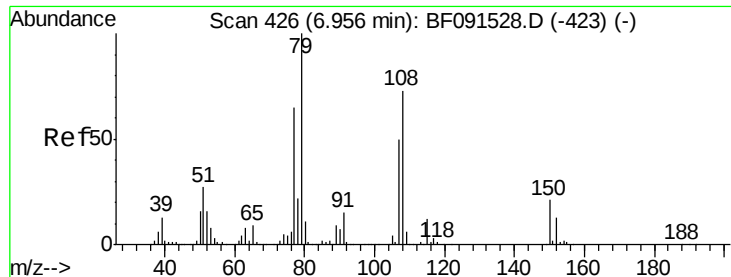
Tot Ion:146 Resp: 745053
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 111 44.9 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:146 Resp: 716394
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.6
 111 40.7 38.9 58.3





#15

Benzyl Alcohol

Concen: 36.98 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

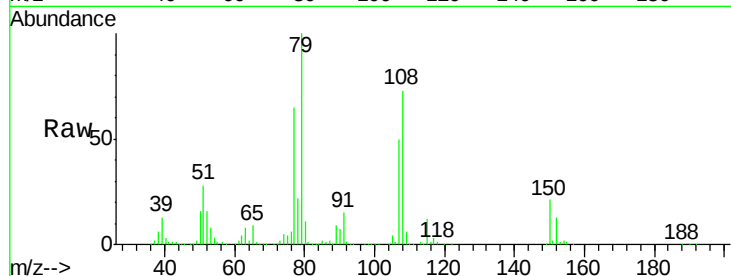
Tot Ion: 79 Resp: 606072

Ion Ratio Lower Upper

79 100

108 73.0 62.7 94.1

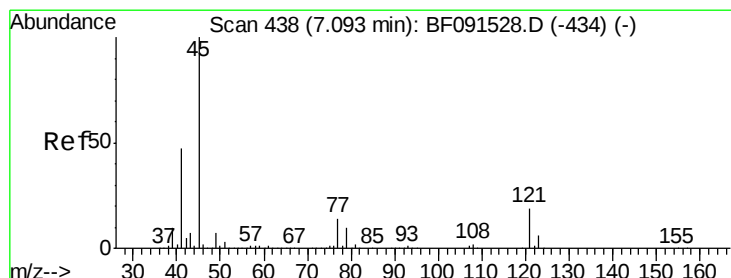
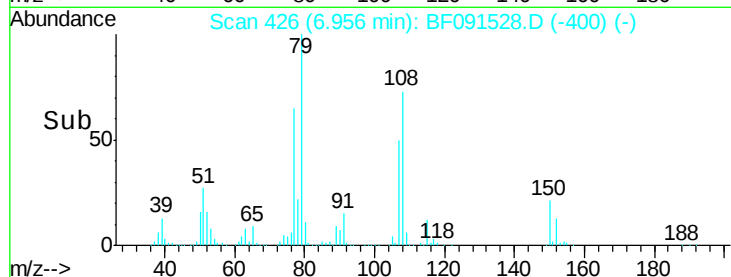
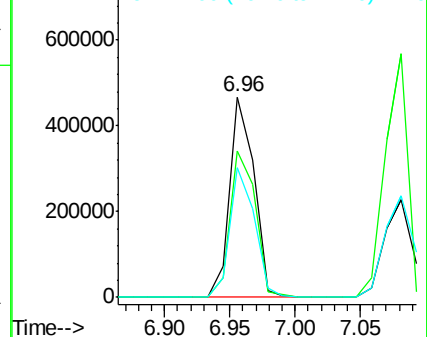
77 64.8 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.01 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

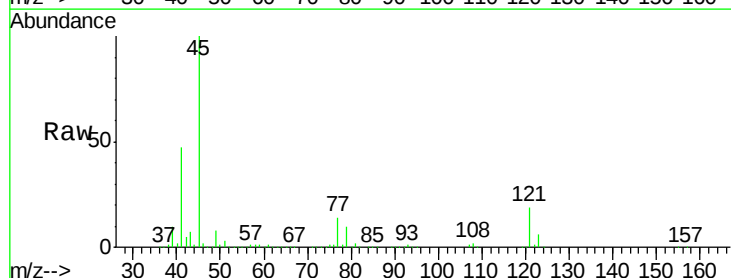
Tgt Ion: 45 Resp: 1111113

Ion Ratio Lower Upper

45 100

77 13.7 3.8 43.8

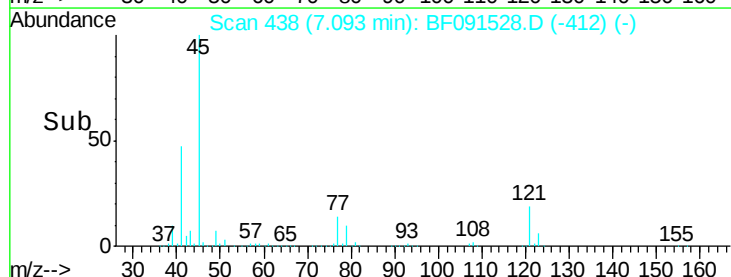
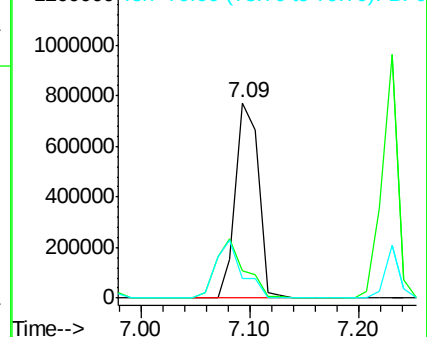
79 10.3 0.2 40.2

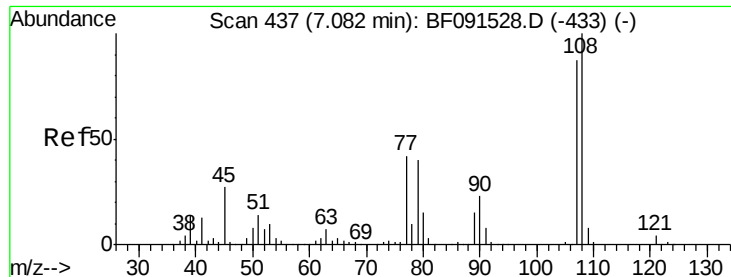


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.53 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 598813

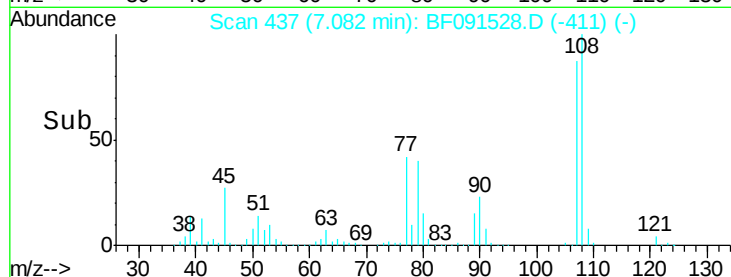
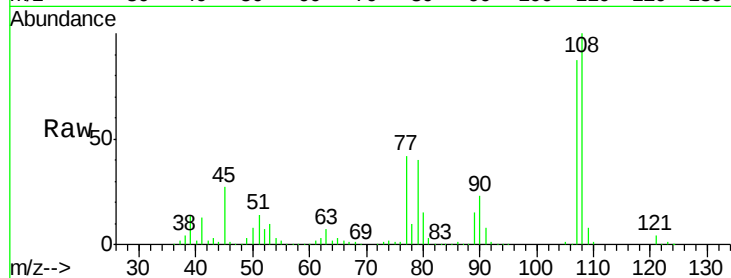
Ion Ratio Lower Upper

107 100

108 114.4 67.7 101.5#

77 47.5 40.7 61.1

79 45.7 23.4 35.2#

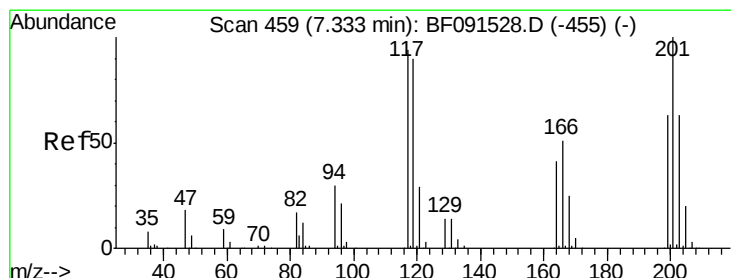
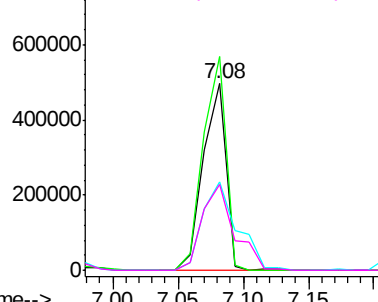


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.83 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

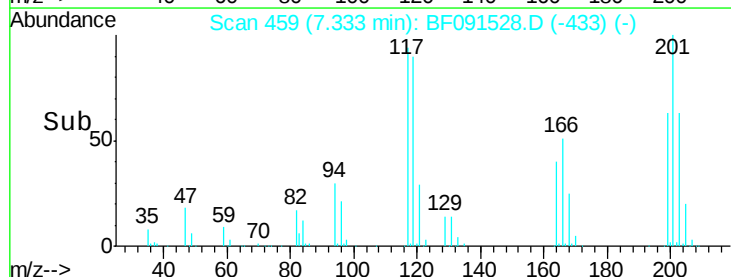
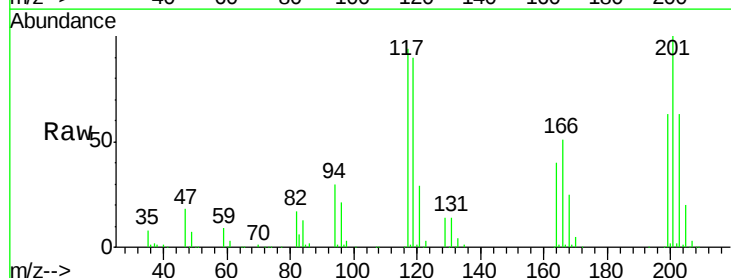
Tgt Ion:117 Resp: 299750

Ion Ratio Lower Upper

117 100

119 96.2 78.6 118.0

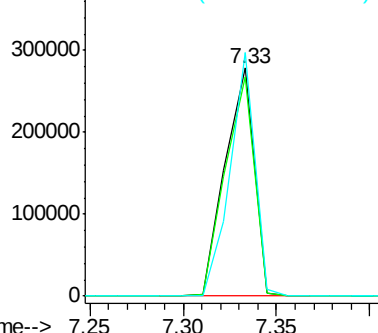
201 106.9 86.7 130.1

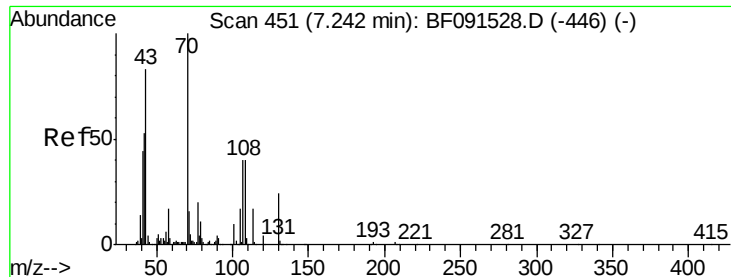


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

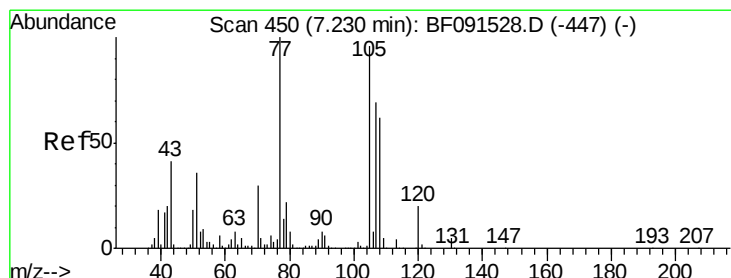
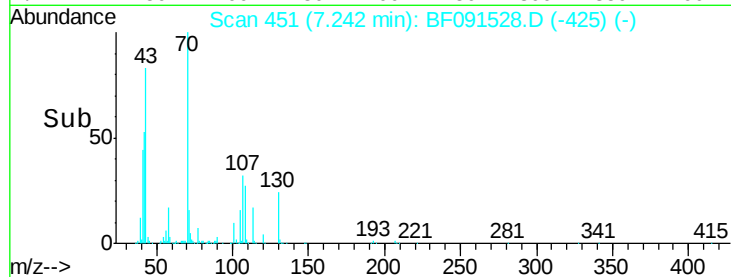
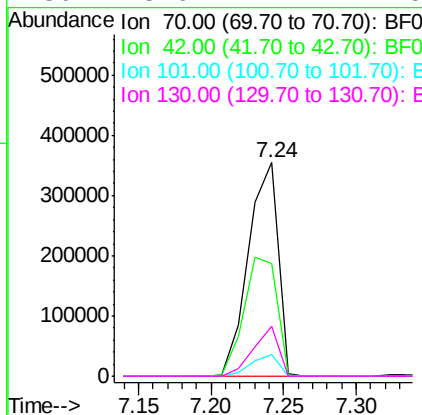
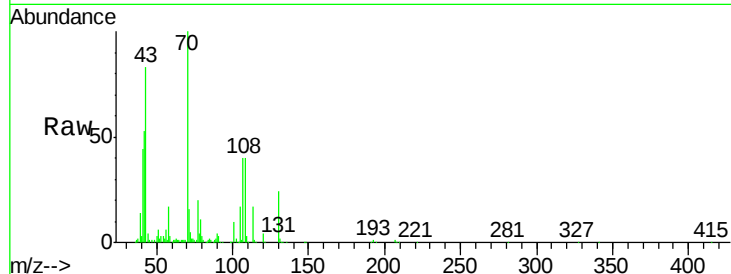




#19
n-Nitroso-di-n-propylamine
Concen: 39.18 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

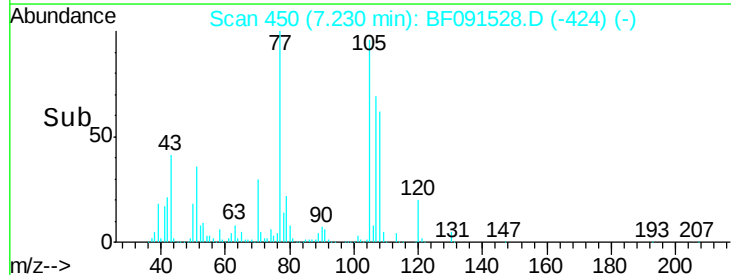
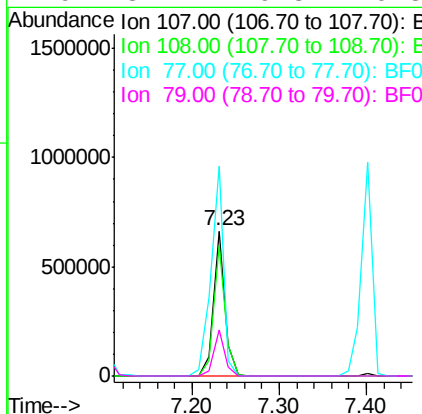
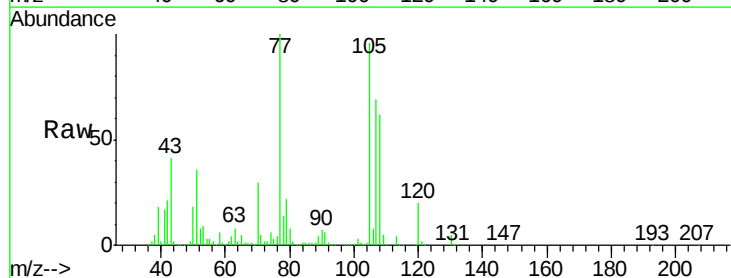
Instrument :
BNA_F
ClientSampleId :

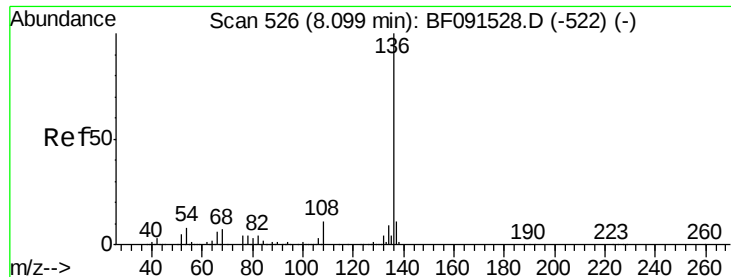
Tot Ion: 70 Resp: 505551
Ion Ratio Lower Upper
70 100
42 52.8 64.8 97.2#
101 10.4 6.2 9.4#
130 23.6 11.7 17.5#



#20
3+4-Methylphenols
Concen: 35.28 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:107 Resp: 620960
Ion Ratio Lower Upper
107 100
108 89.9 64.6 104.6
77 144.9 30.9 70.9#
79 31.7 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

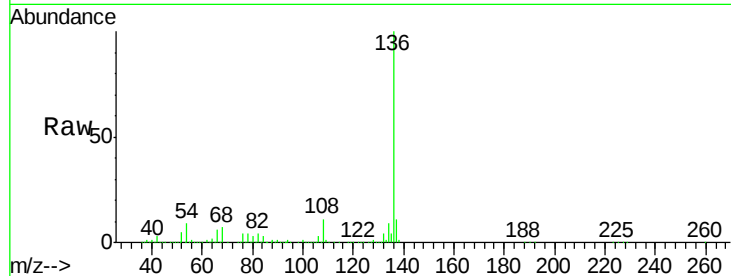
Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

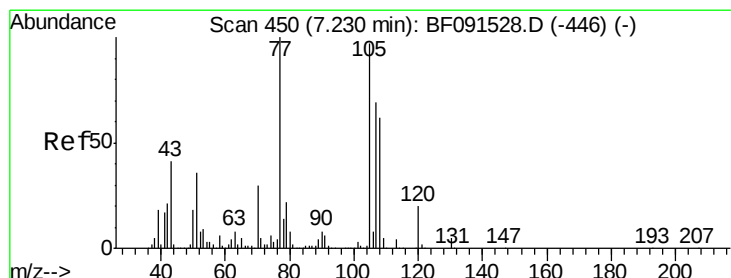
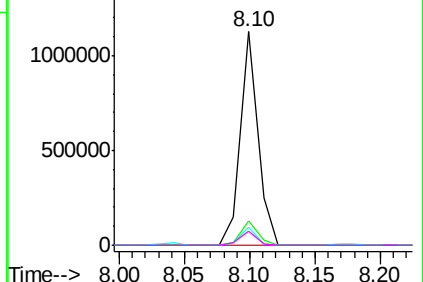
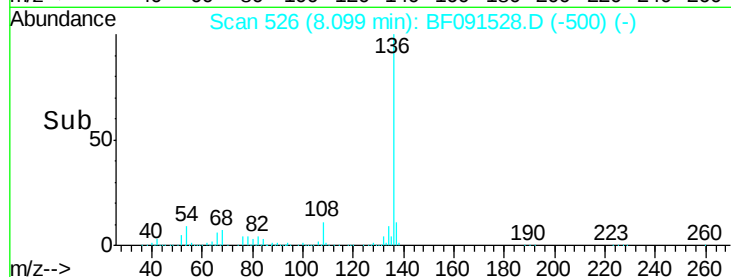
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1052324

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	9.1	13.7#
68	6.6	5.9	8.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.75 ng

RT: 7.23 min Scan# 450

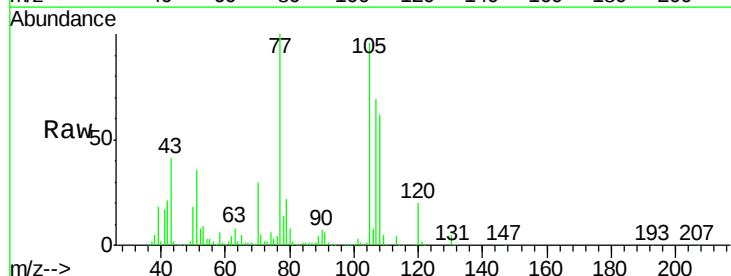
Delta R.T. 0.00 min

Lab File: BF091528.D

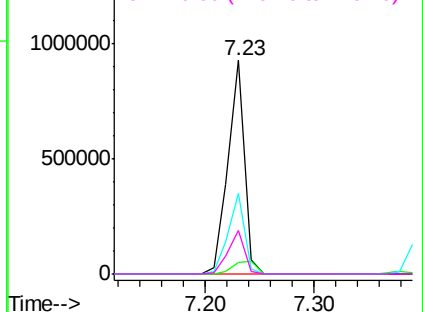
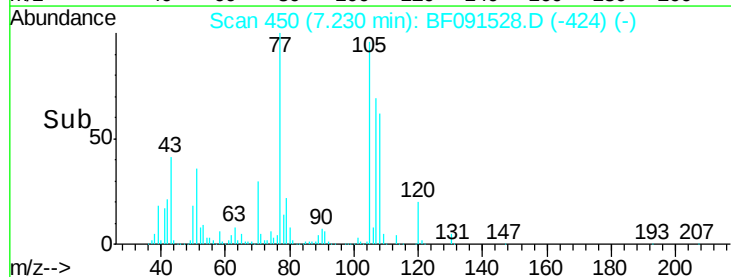
Acq: 9 Dec 2016 15:17

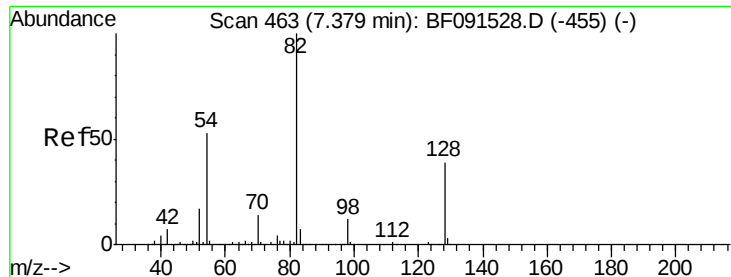
Tgt Ion:105 Resp: 966570

Ion	Ratio	Lower	Upper
105	100		
71	5.1	7.9	11.9#
51	37.8	24.5	36.7#
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

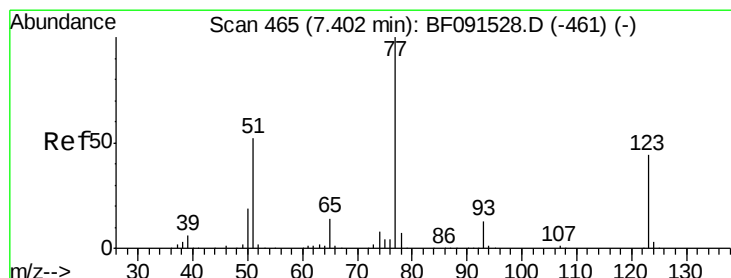
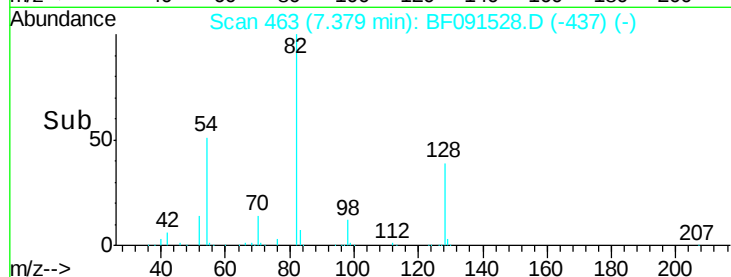
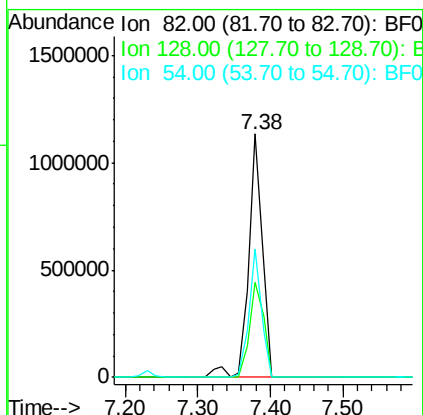
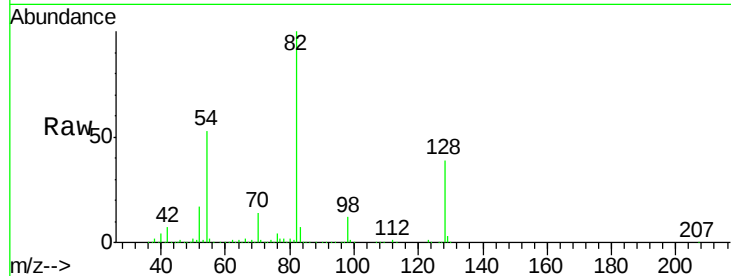




#23
Nitrobenzene-d5
Concen: 79.06 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

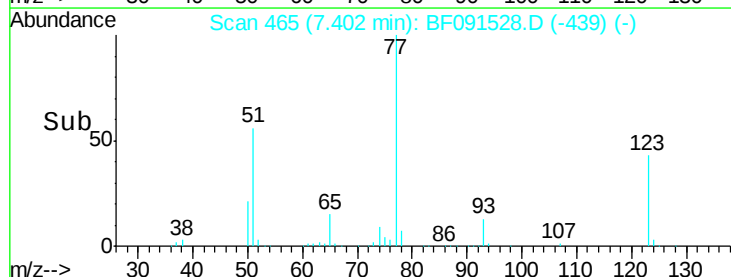
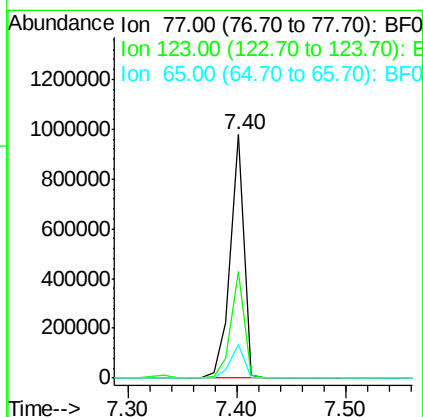
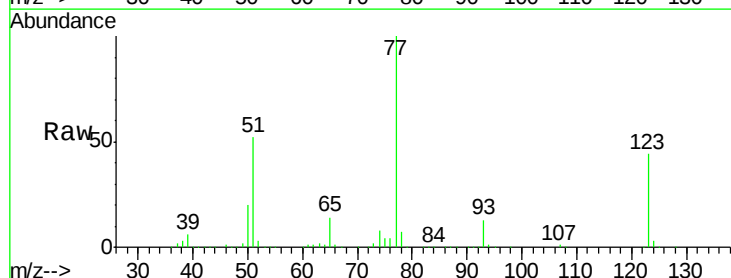
Instrument :
BNA_F
ClientSampleId :

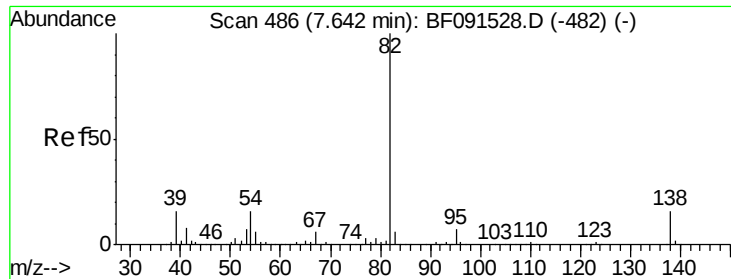
Tot Ion: 82 Resp: 1484511
Ion Ratio Lower Upper
82 100
128 39.1 31.8 47.6
54 52.6 49.1 73.7



#24
Nitrobenzene
Concen: 44.44 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion: 77 Resp: 854273
Ion Ratio Lower Upper
77 100
123 43.7 28.5 42.7#
65 13.8 12.5 18.7





#25

Isophorone

Concen: 39.70 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

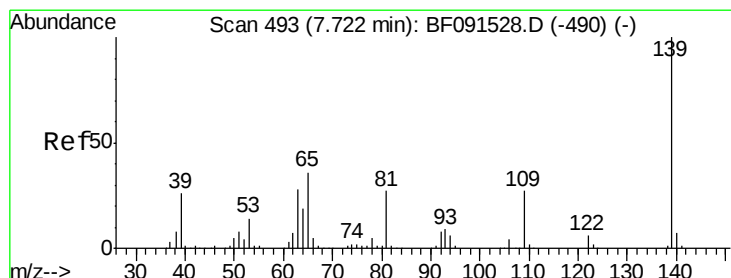
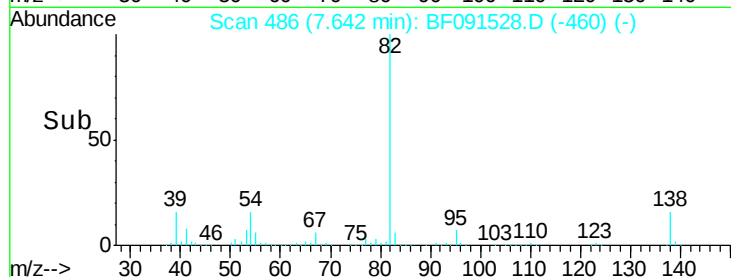
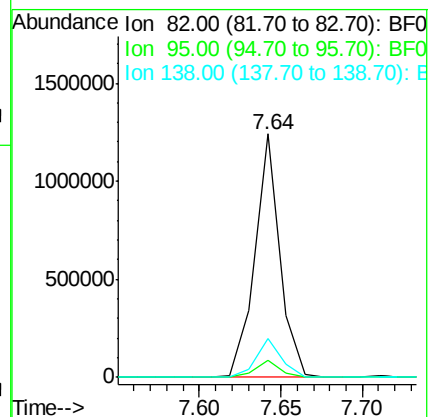
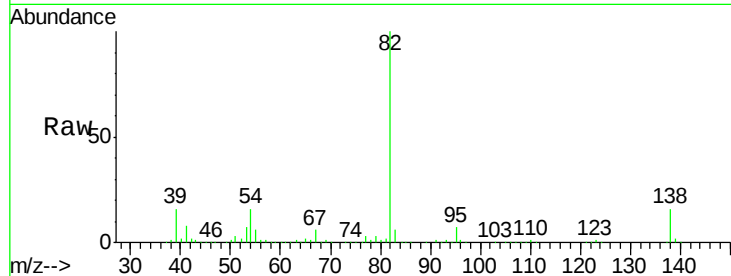
Tot Ion: 82 Resp: 1320741

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 15.9 13.4 20.0



#26

2-Nitrophenol

Concen: 42.64 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

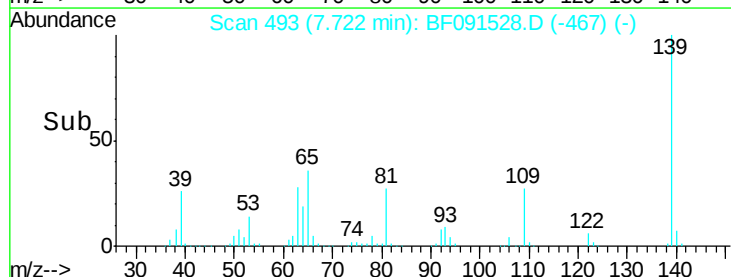
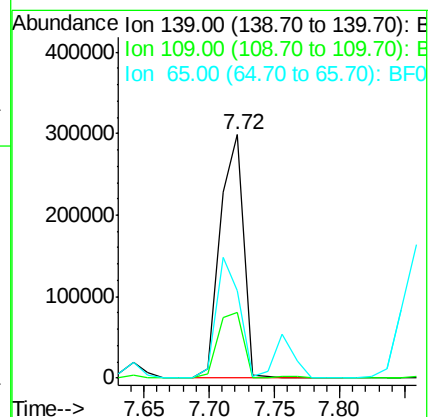
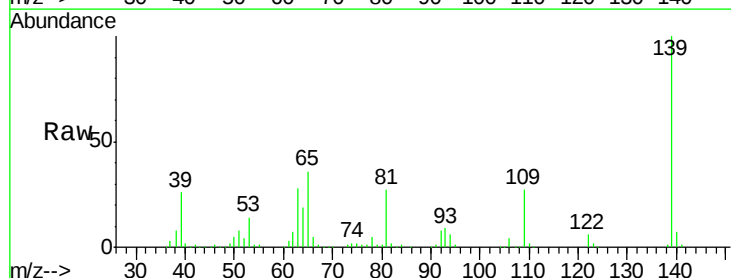
Tgt Ion:139 Resp: 373607

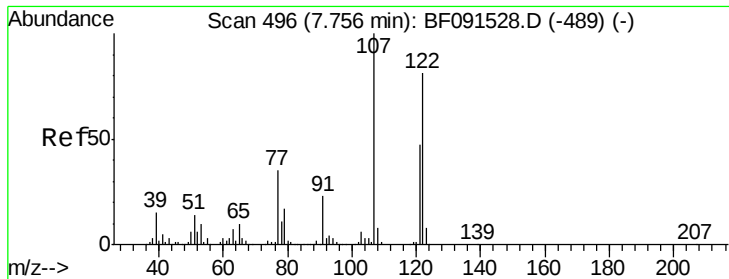
Ion Ratio Lower Upper

139 100

109 26.7 25.3 37.9

65 35.7 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 35.08 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

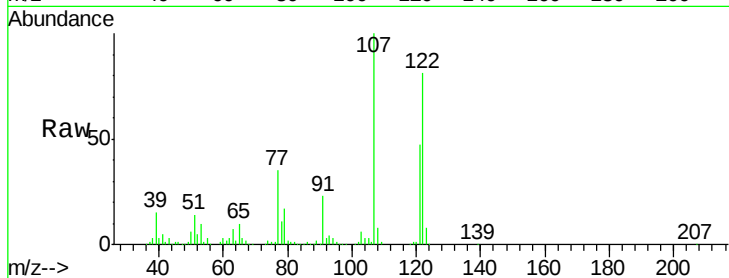
Tot Ion:122 Resp: 574973

Ion Ratio Lower Upper

122 100

107 124.1 96.8 145.2

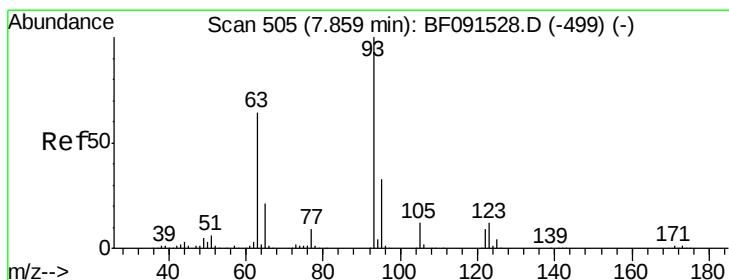
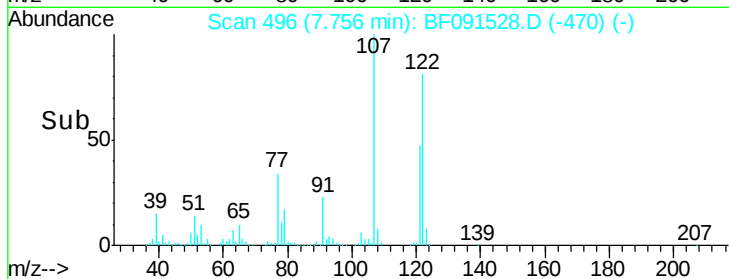
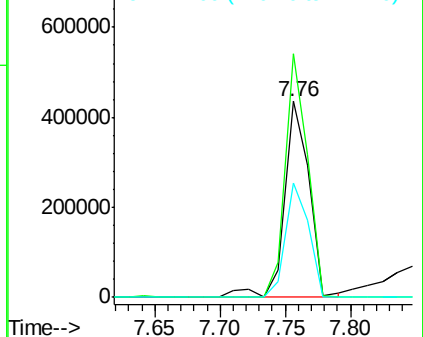
121 58.4 47.7 71.5



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: 40.59 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

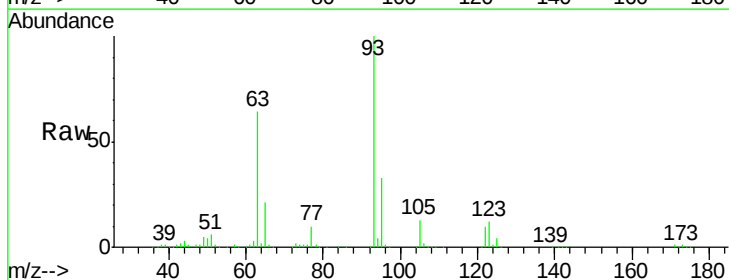
Tgt Ion: 93 Resp: 812820

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

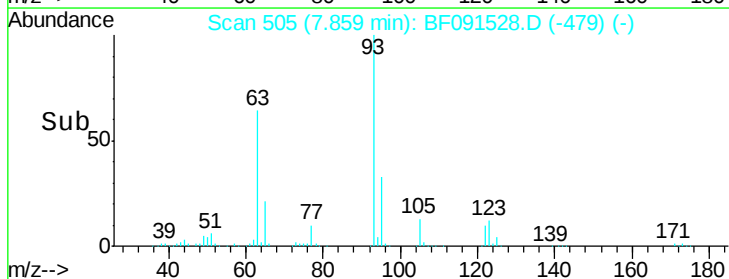
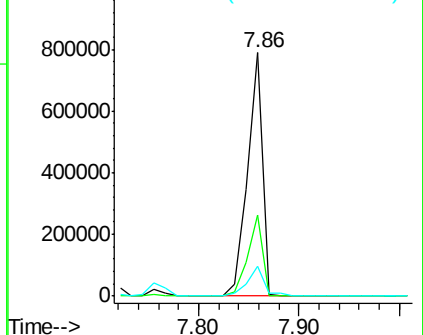
123 12.3 8.6 12.8

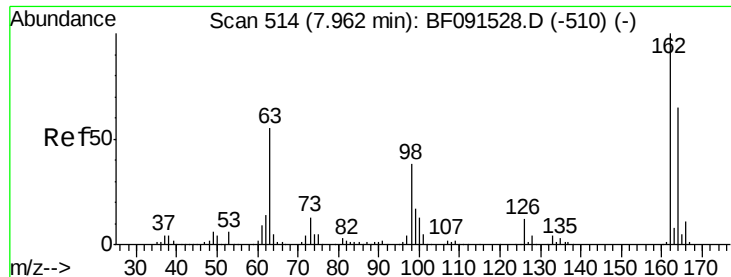


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

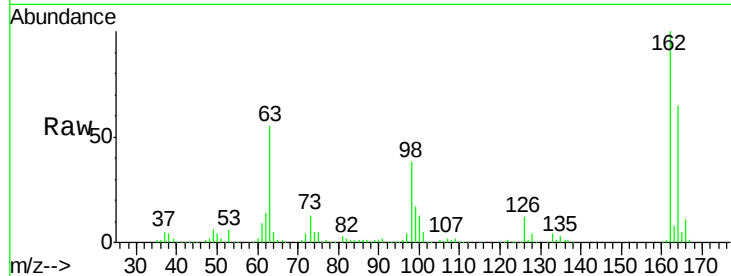




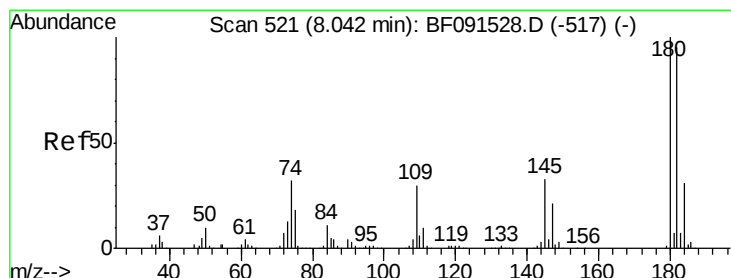
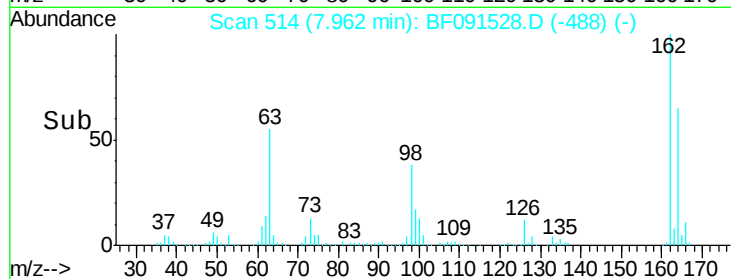
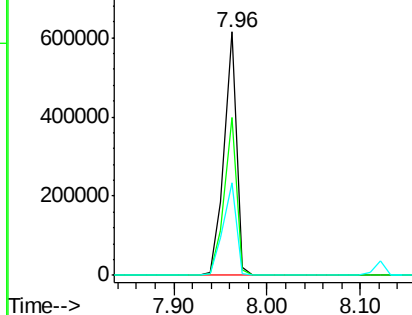
#29
 2,4-Dichlorophenol
 Concen: 39.60 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 570928
 Ion Ratio Lower Upper
 162 100
 164 65.0 45.0 85.0
 98 38.0 21.3 61.3

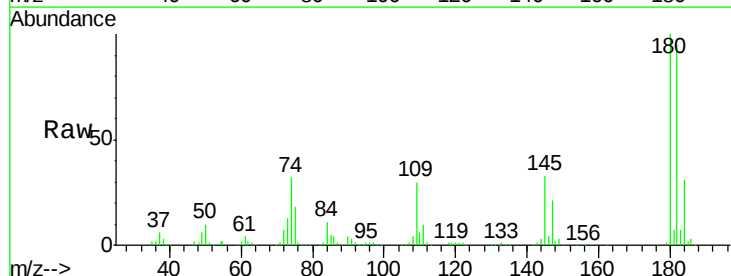


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

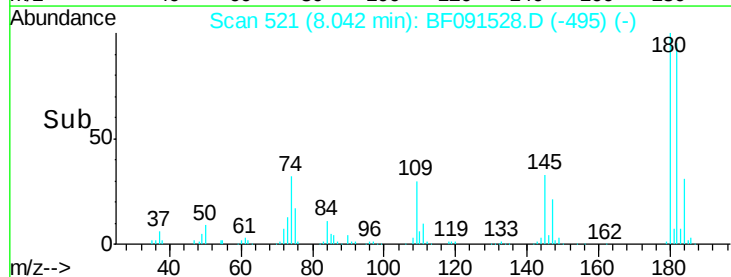
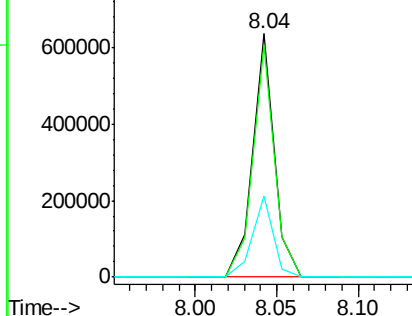


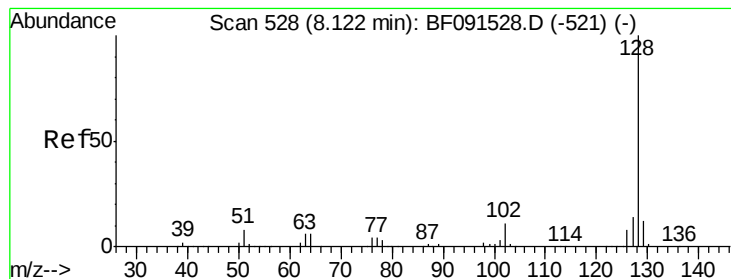
#30
 1,2,4-Trichlorobenzene
 Concen: 36.22 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:180 Resp: 585443
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.8 113.8
 145 33.5 27.0 40.4



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: 37.44 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

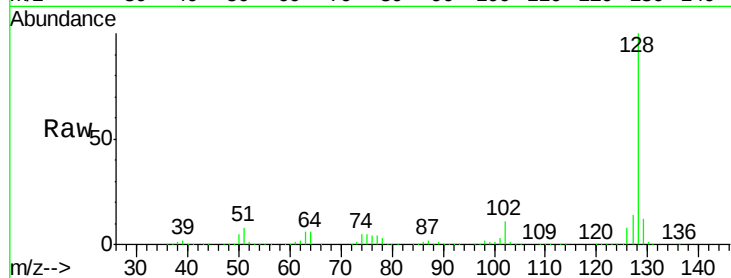
Tot Ion:128 Resp: 1872491

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

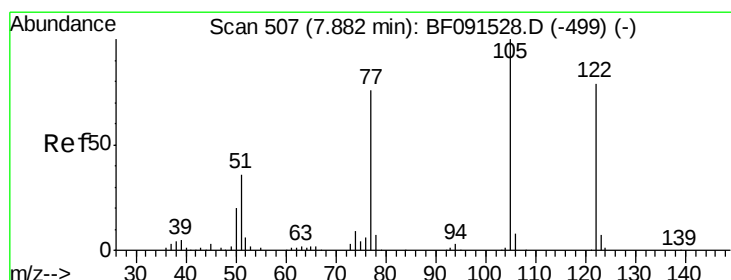
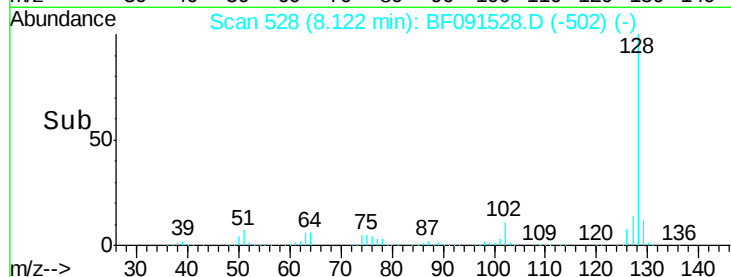
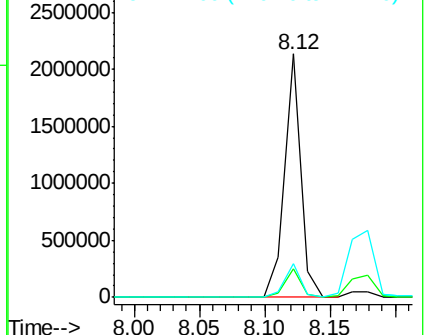
127 13.7 11.0 16.4



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: 34.14 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

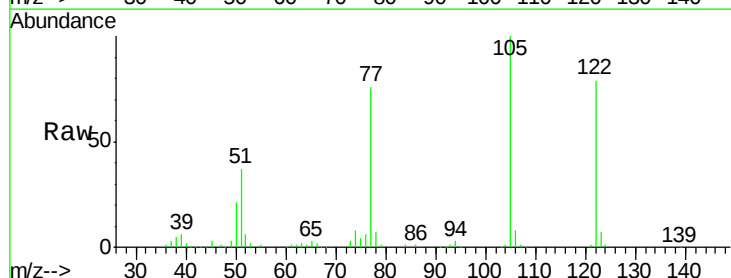
Tgt Ion:122 Resp: 412447

Ion Ratio Lower Upper

122 100

105 126.1 113.0 153.0

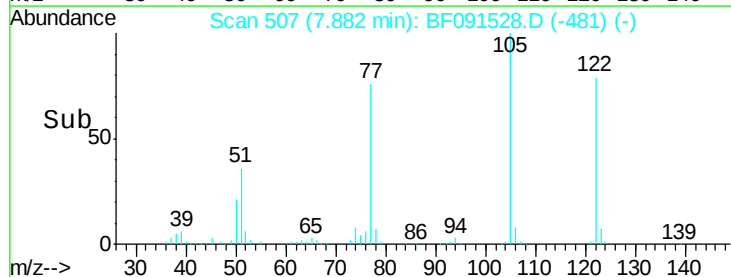
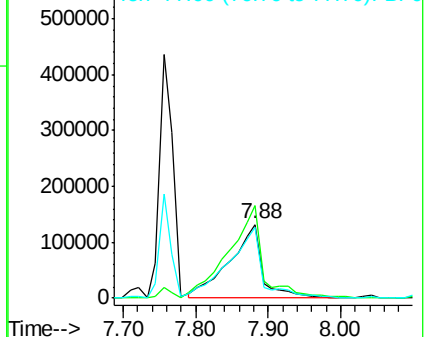
77 96.4 82.0 122.0

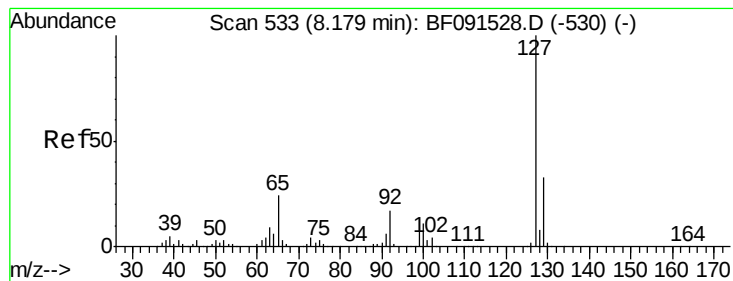


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.87 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091528.D

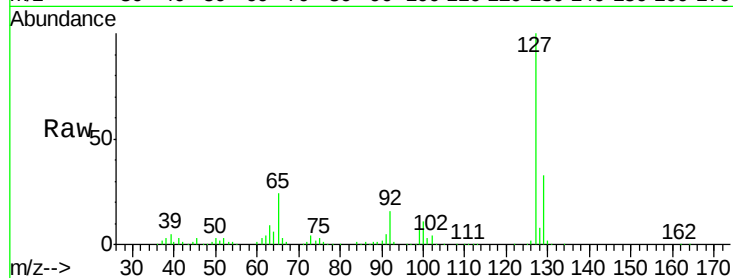
Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	809682
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.4
65	23.8	26.6	39.8#
92	16.5	15.4	23.0

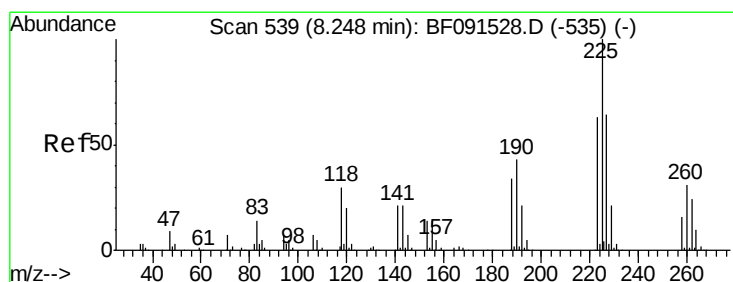
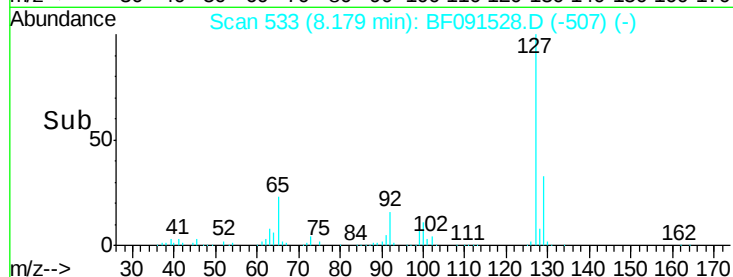
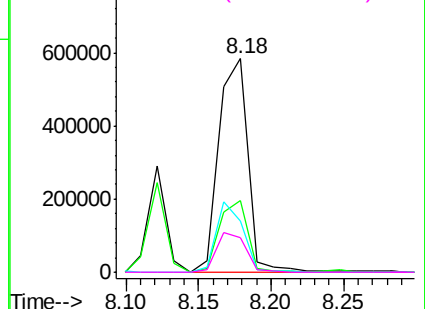


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.88 ng

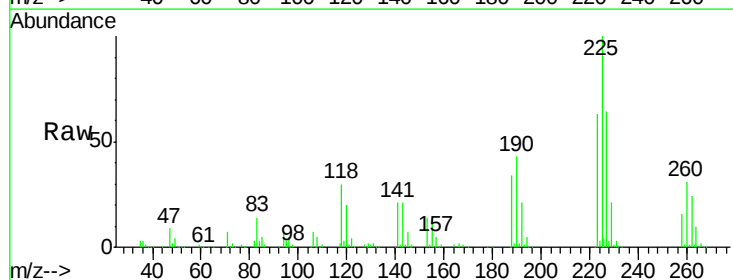
RT: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

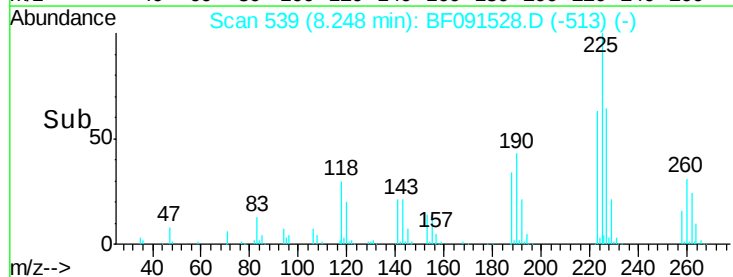
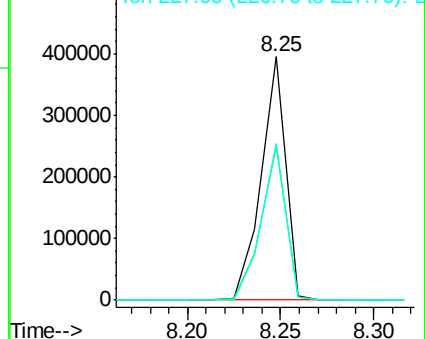
Tgt Ion:	225	Resp:	356618
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.6
227	64.5	52.6	79.0

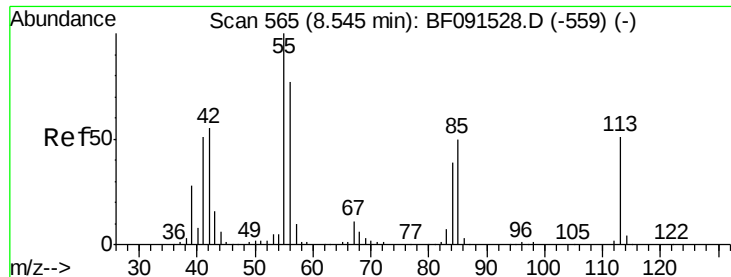


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.57 ng

RT: 8.54 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

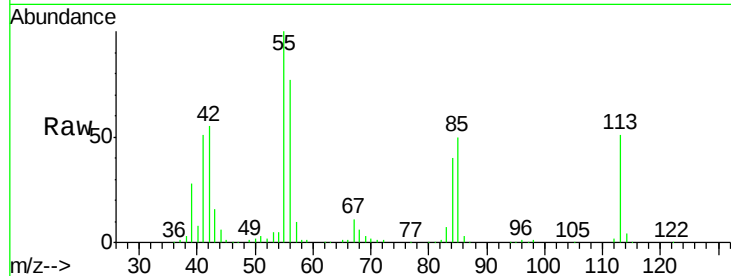
Tot Ion:113 Resp: 147387

Ion Ratio Lower Upper

113 100

55 197.5 239.8 279.8#

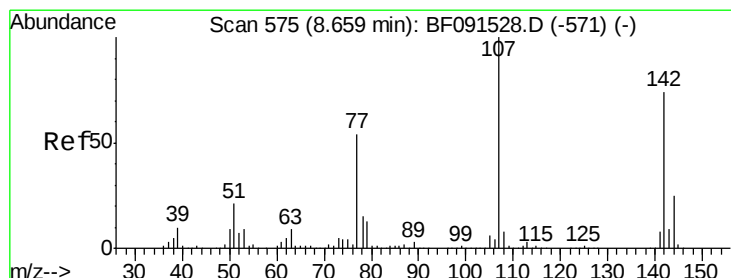
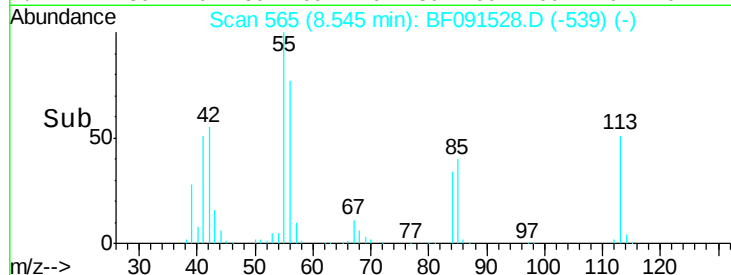
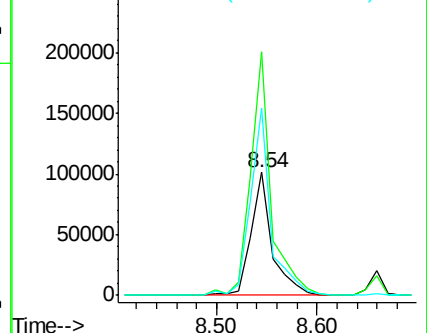
56 151.7 165.6 205.6#



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: 40.07 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

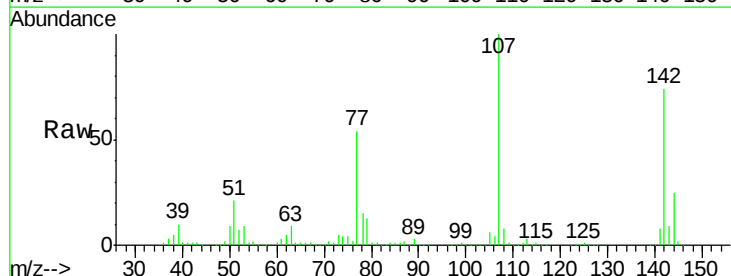
Tgt Ion:107 Resp: 623757

Ion Ratio Lower Upper

107 100

144 24.5 18.9 28.3

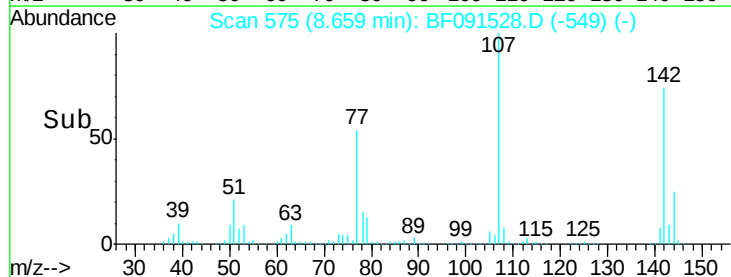
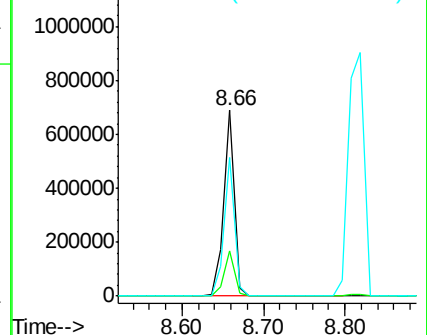
142 74.3 58.5 87.7

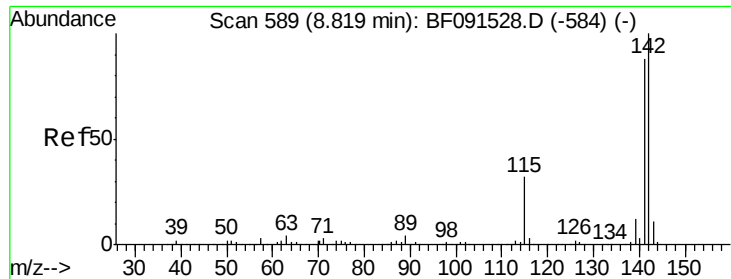


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

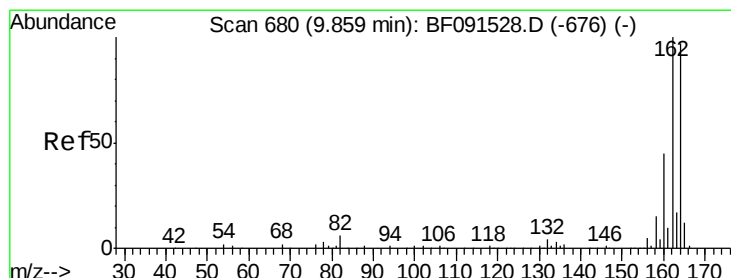
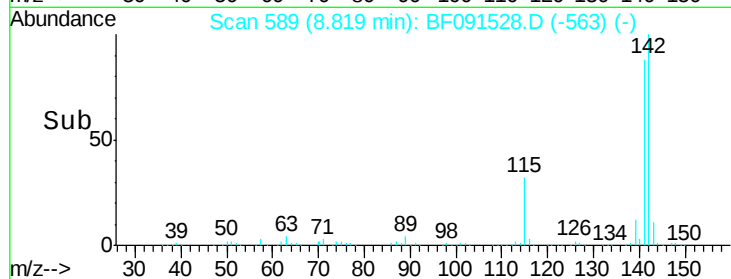
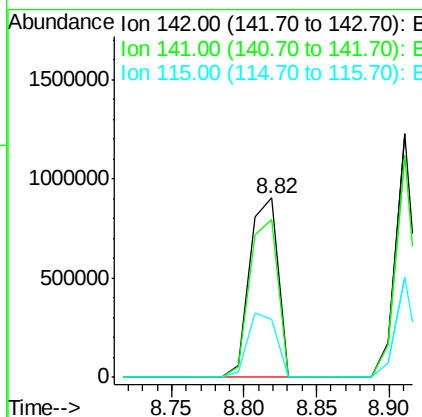
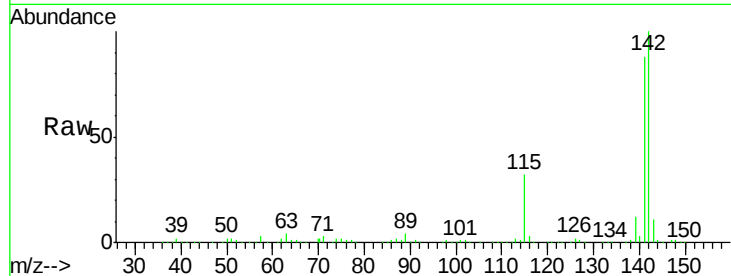




#37
 2-Methylnaphthalene
 Concen: 35.92 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

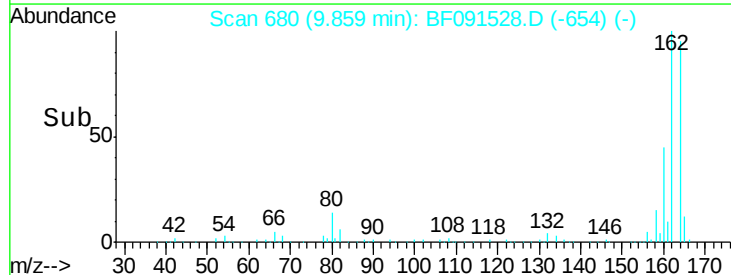
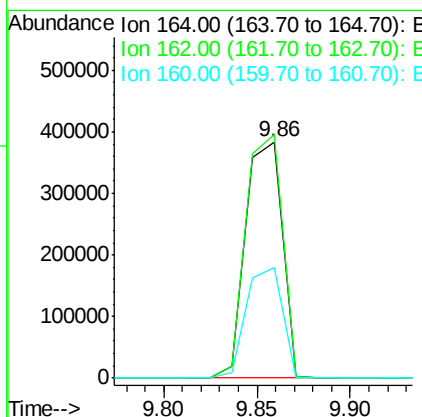
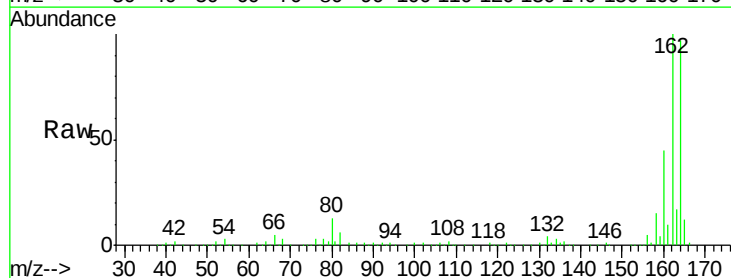
Instrument :
 BNA_F
 ClientSampleId :

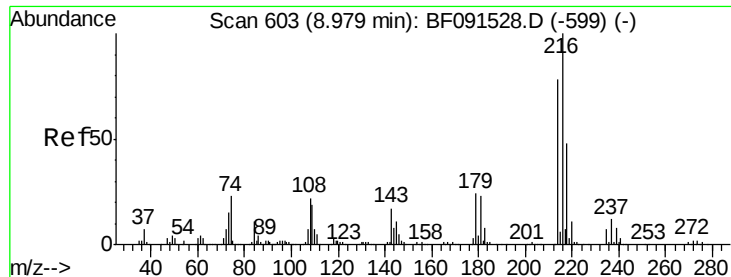
Tot Ion:142 Resp: 1220554
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.7 107.5
 115 32.2 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:164 Resp: 523624
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 124.0
 160 46.7 36.7 55.1

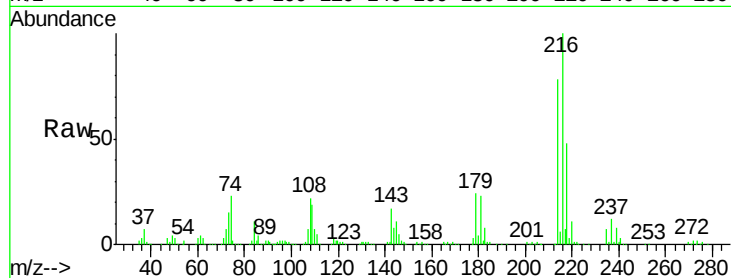




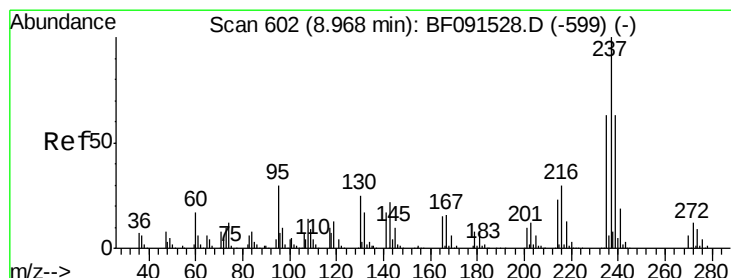
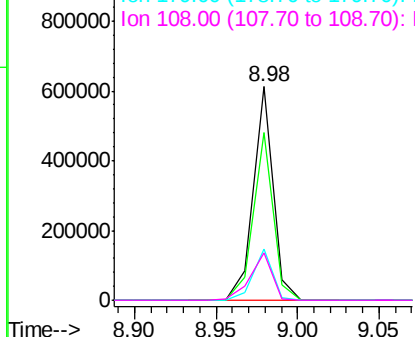
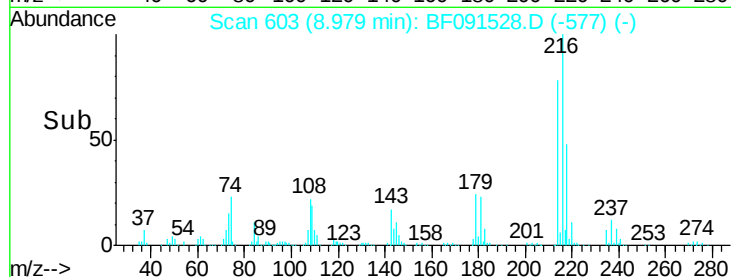
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.30 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	521122
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.8	95.8
179	23.5	18.2	27.2
108	23.7	17.2	25.8

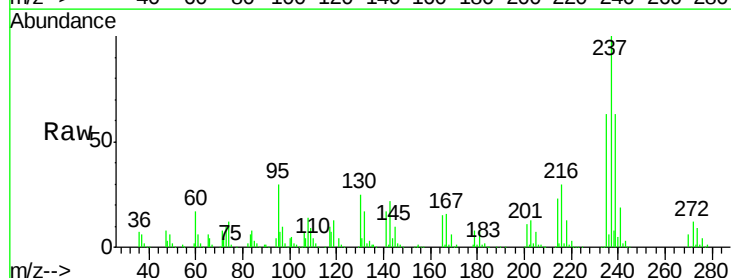


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

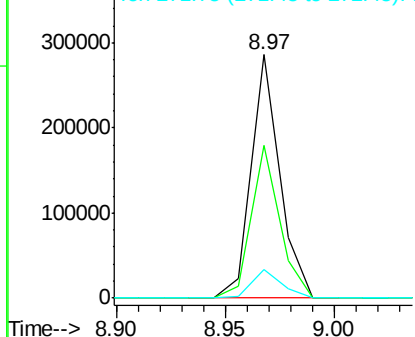
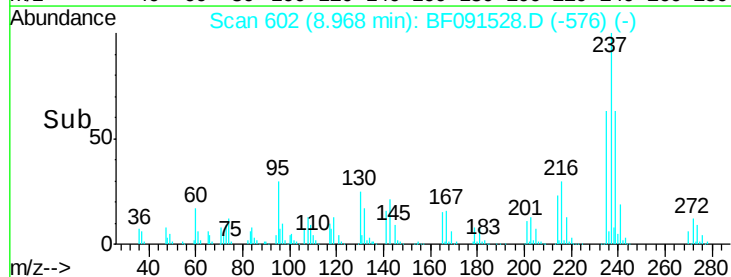


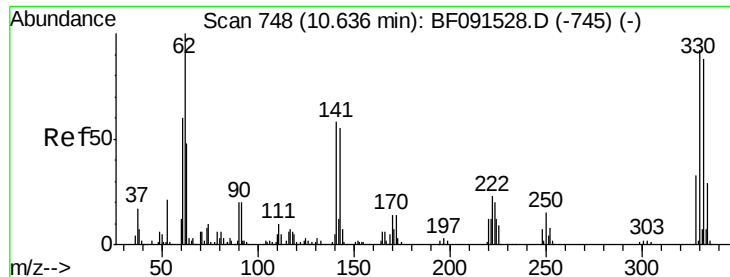
#40
 Hexachlorocyclopentadiene
 Concen: 38.01 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:	237	Resp:	260063
Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.9	83.9
272	11.6	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

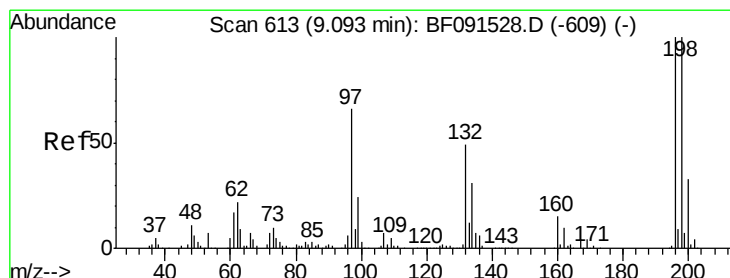
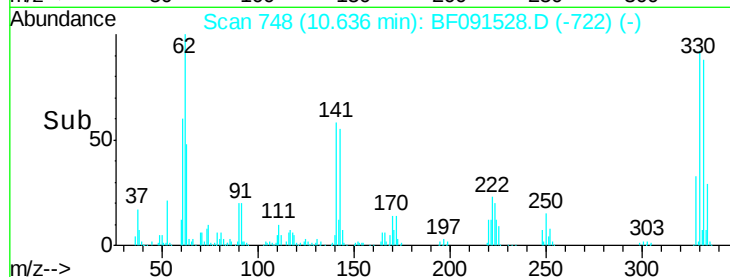
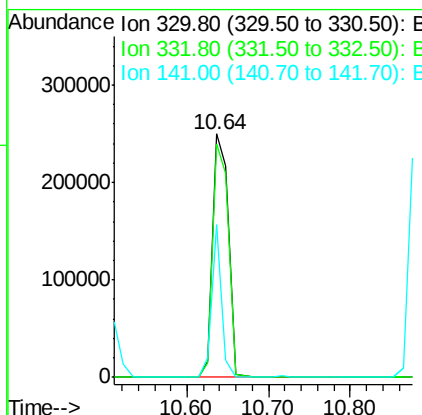
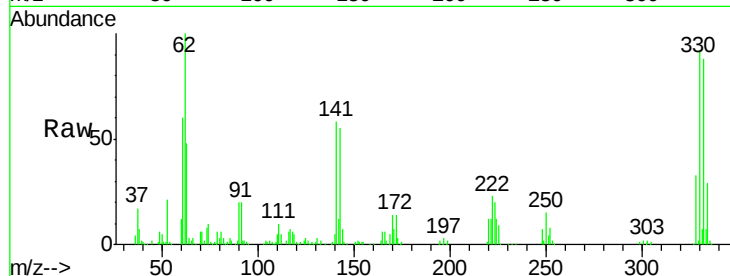




#41
 2,4,6-Tribromophenol
 Concen: 67.91 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

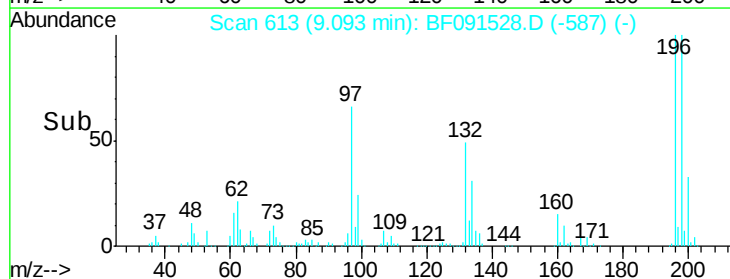
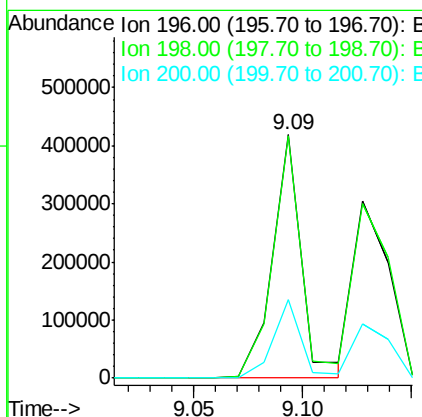
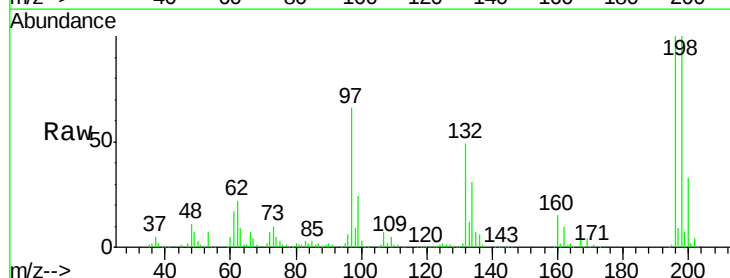
Instrument :
 BNA_F
 ClientSampleId :

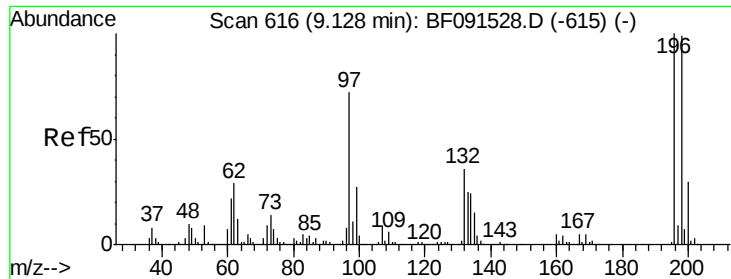
Tot Ion:330 Resp: 336650
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 40.2 33.6 50.4



#42
 2,4,6-Trichlorophenol
 Concen: 40.86 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:196 Resp: 391966
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.4 116.0
 200 32.5 25.2 37.8

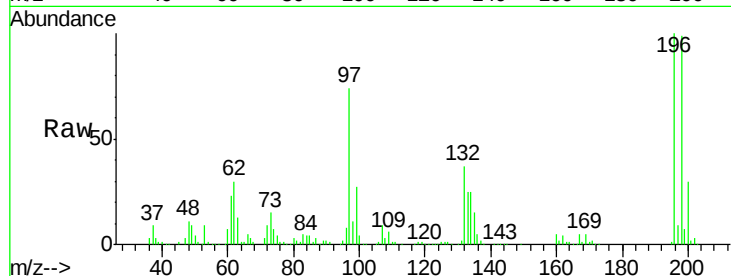




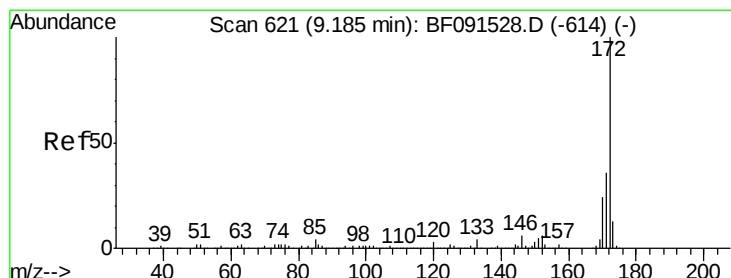
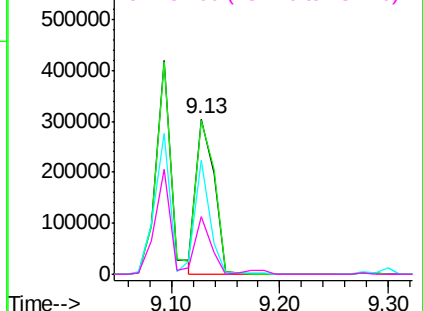
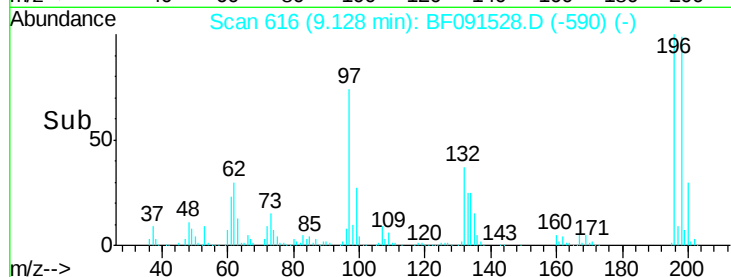
#43
 2,4,5-Trichlorophenol
 Concen: 36.55 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 351437
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.0 115.6
 97 73.7 33.5 50.3#
 132 36.9 20.5 30.7#

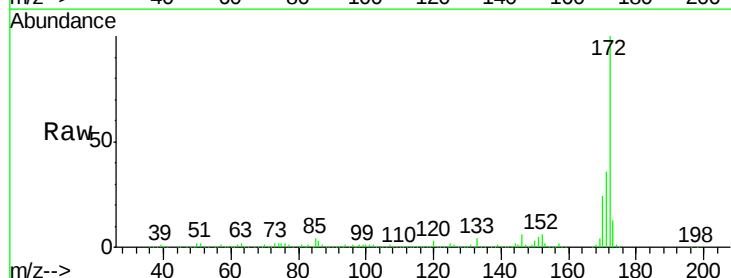


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

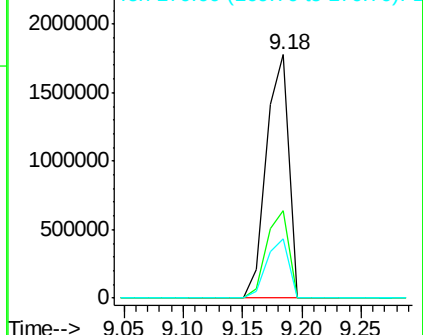
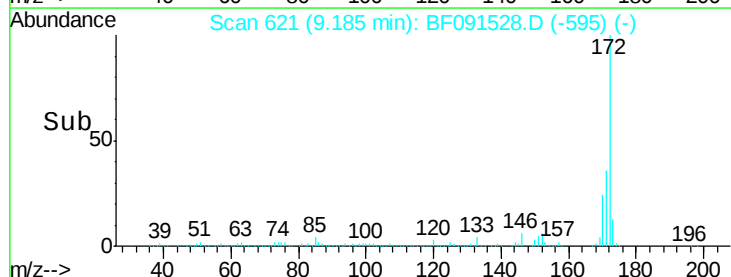


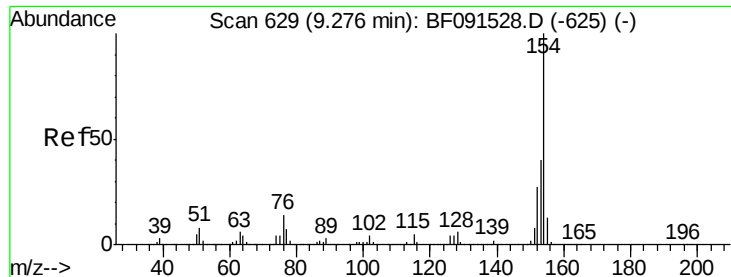
#44
 2-Fluorobiphenyl
 Concen: 80.81 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:172 Resp: 2336915
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.2 19.7 29.5



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

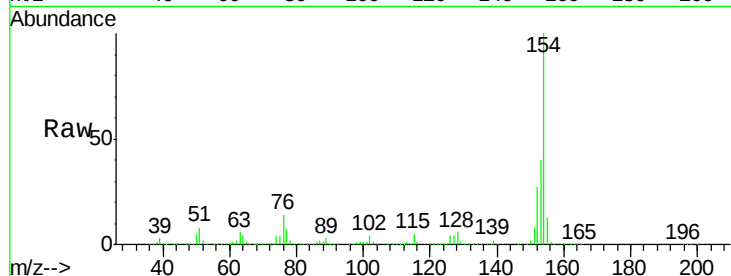




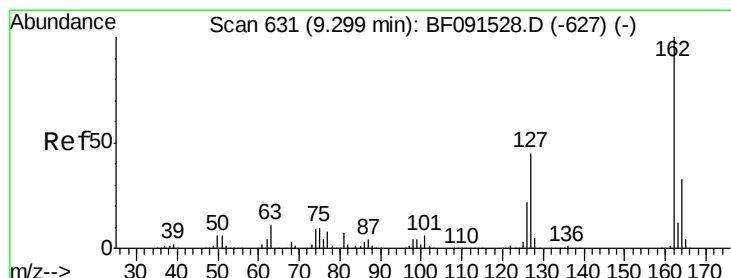
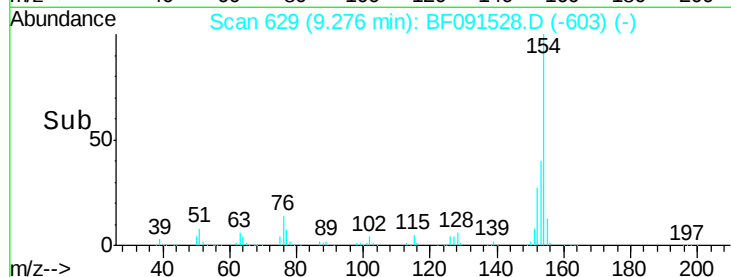
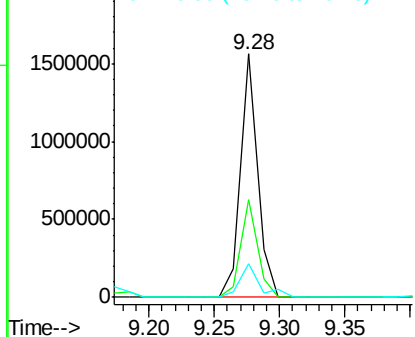
#45
 1,1'-Biphenyl
 Concen: 37.43 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1409315
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.6 60.6
 76 14.0 0.0 36.6

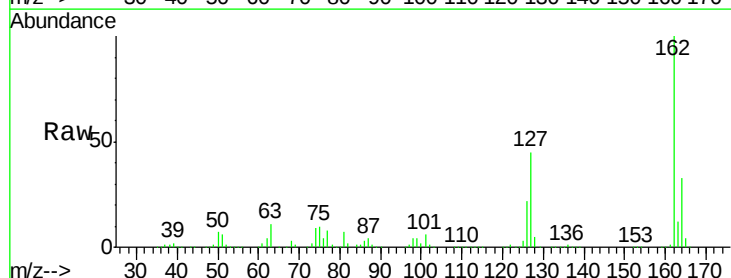


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

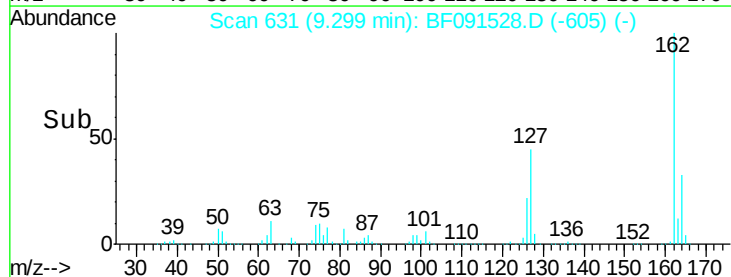
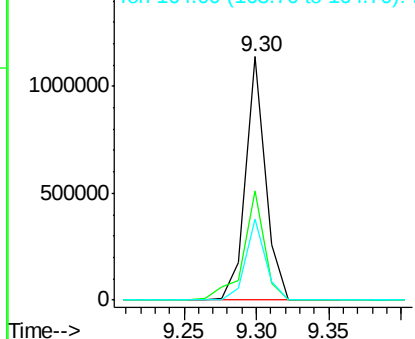


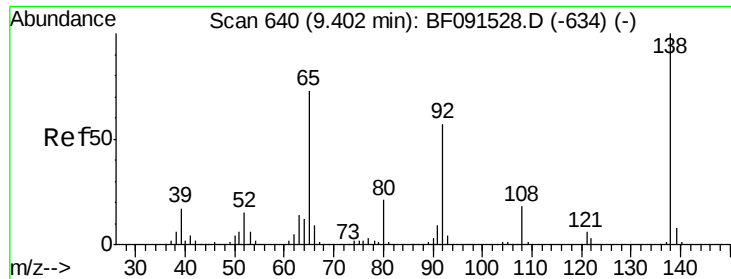
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:162 Resp: 1086016
 Ion Ratio Lower Upper
 162 100
 127 45.0 34.3 51.5
 164 33.2 26.6 40.0



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

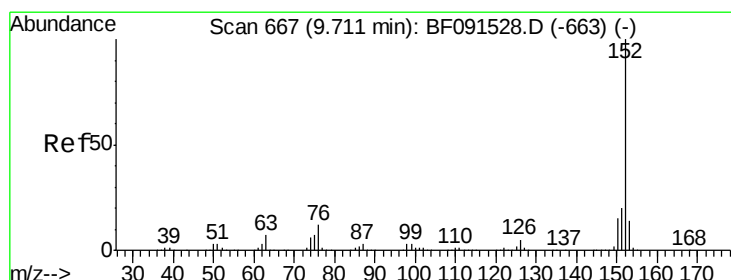
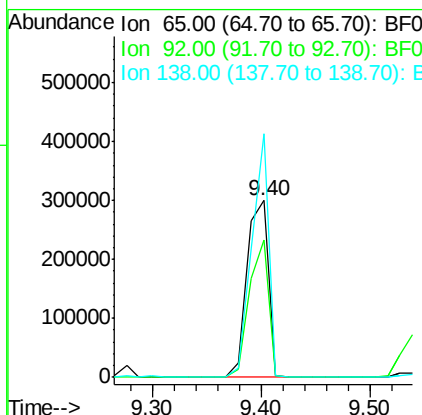
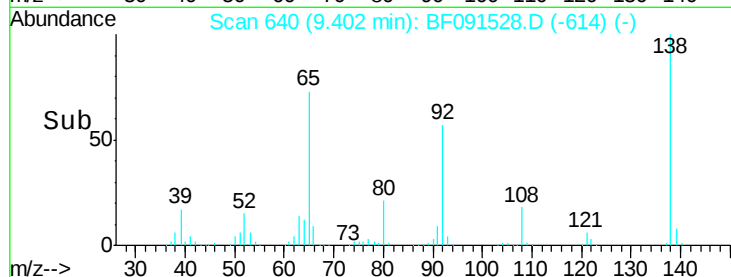
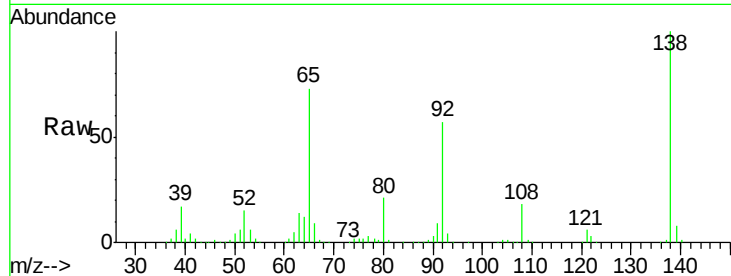




#47
 2-Nitroaniline
 Concen: 40.47 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

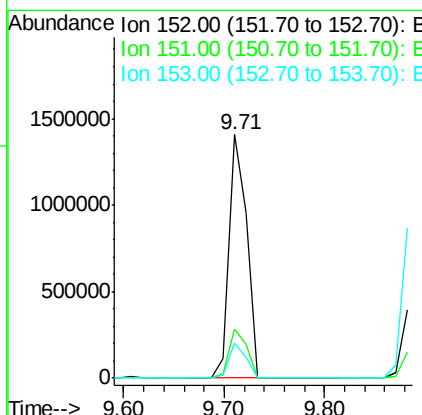
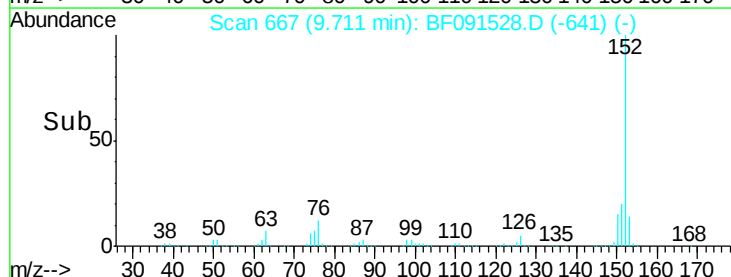
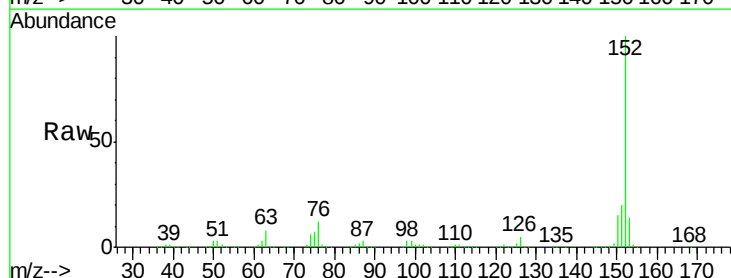
Instrument :
 BNA_F
 ClientSampleId :

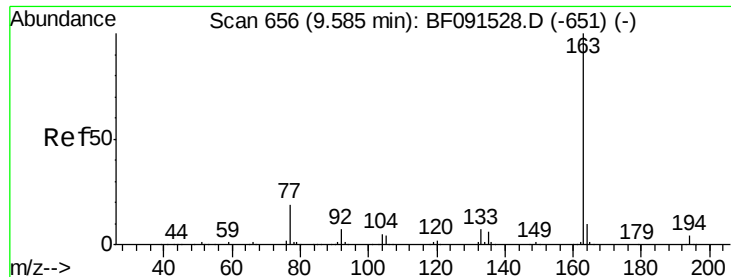
Tot Ion: 65 Resp: 407596
 Ion Ratio Lower Upper
 65 100
 92 78.0 53.6 80.4
 138 137.9 91.0 136.6#



#48
 Acenaphthylene
 Concen: 38.70 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion: 152 Resp: 1708179
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.6 24.8
 153 14.4 10.7 16.1

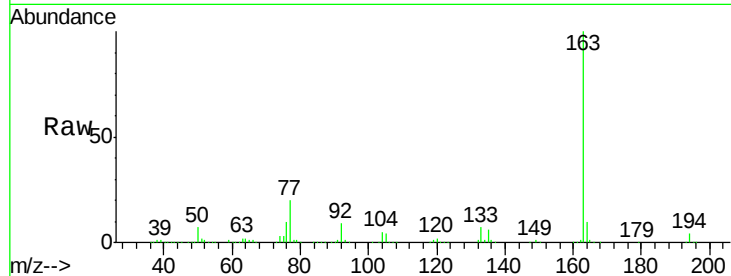




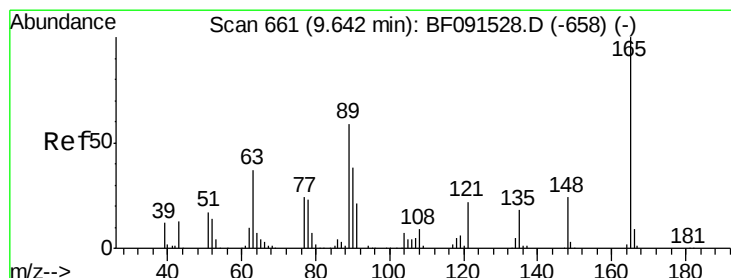
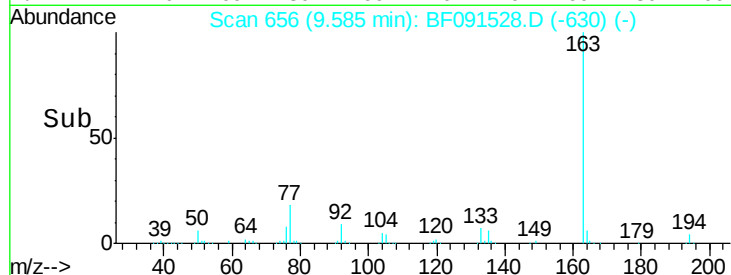
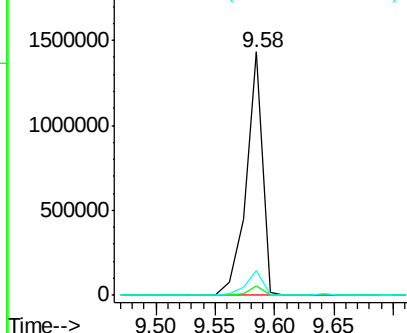
#49
Dimethylphthalate
Concen: 42.83 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1357906
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.1 7.8 11.8

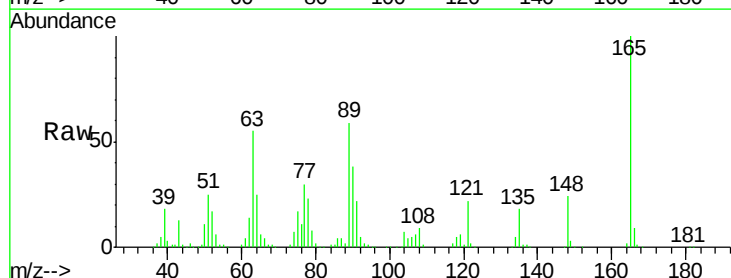


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

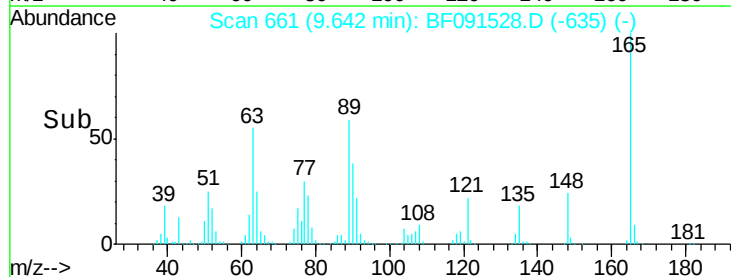
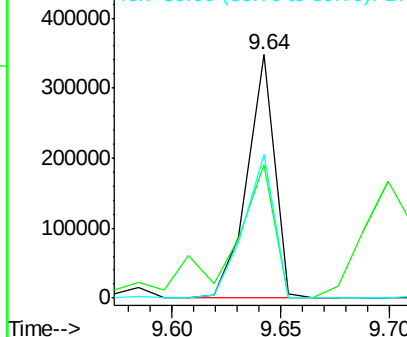


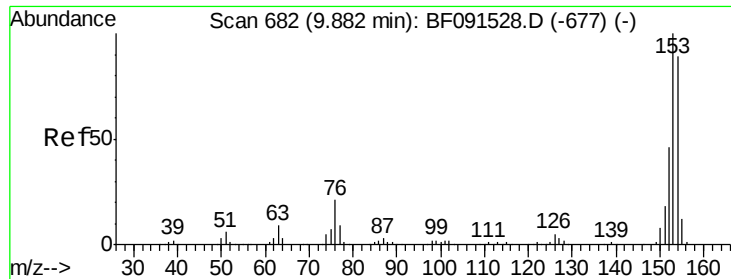
#50
2,6-Dinitrotoluene
Concen: 43.08 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:165 Resp: 305283
Ion Ratio Lower Upper
165 100
63 55.0 59.4 89.0#
89 59.3 50.8 76.2



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





#51

Acenaphthene

Concen: 39.65 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

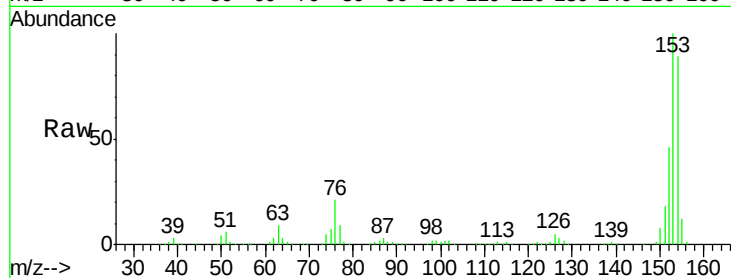
Tot Ion:154 Resp: 1180566

Ion Ratio Lower Upper

154 100

153 112.2 91.0 136.6

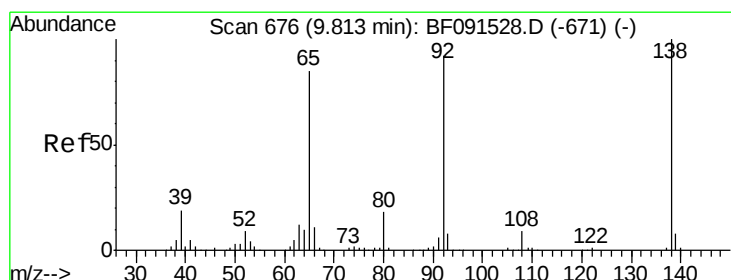
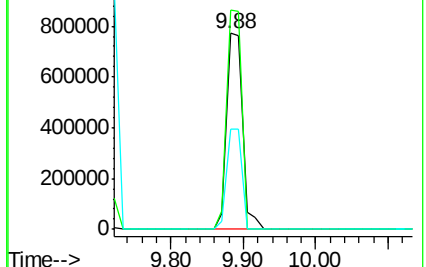
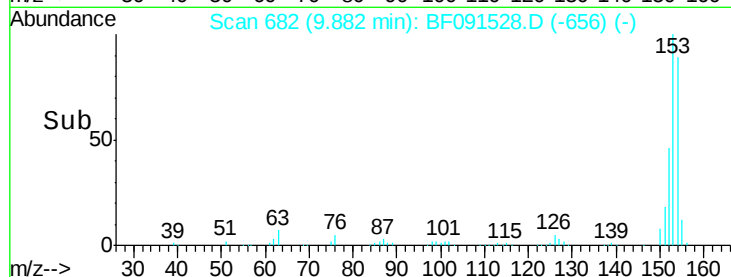
152 51.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.38 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

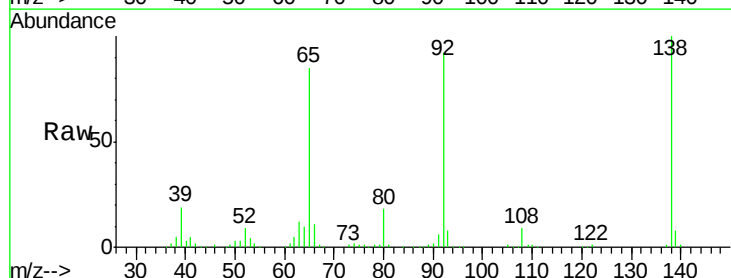
Tgt Ion:138 Resp: 364011

Ion Ratio Lower Upper

138 100

108 9.2 8.1 12.1

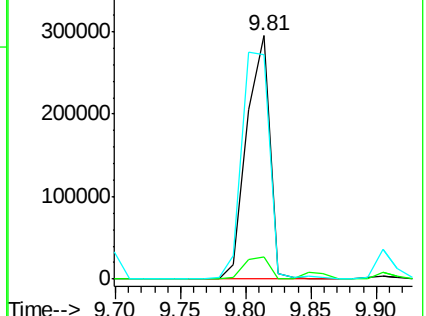
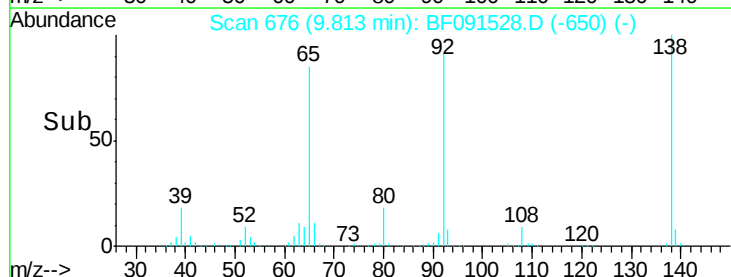
92 91.9 92.5 138.7#

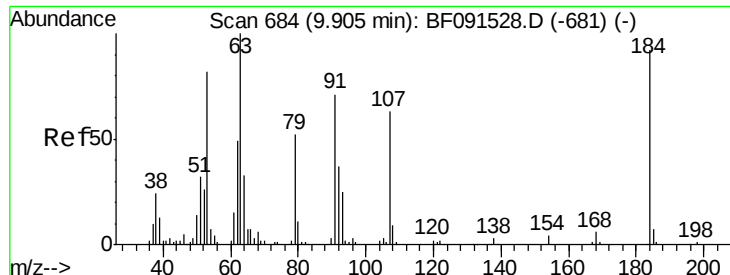


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

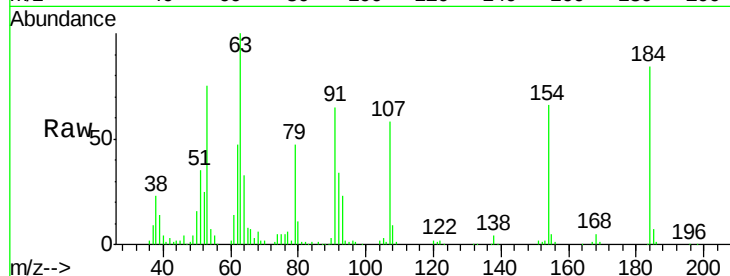




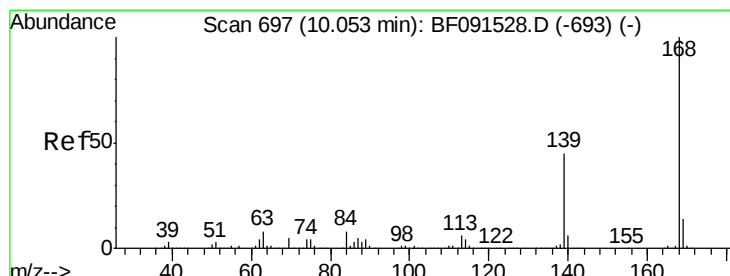
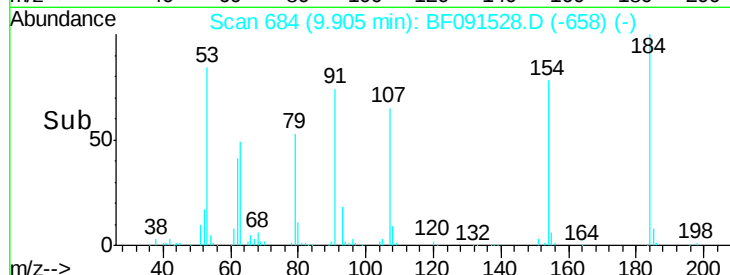
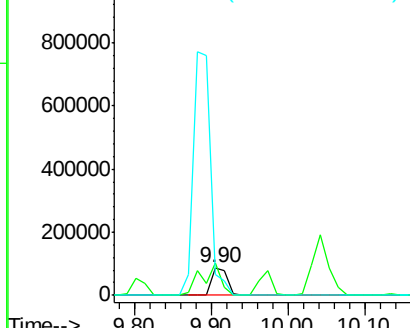
#53
2,4-Dinitrophenol
Concen: 39.67 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 122935
Ion Ratio Lower Upper
184 100
63 119.1 58.3 87.5#
154 78.4 48.6 73.0#

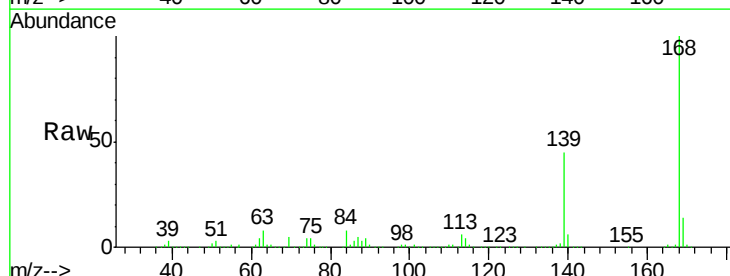


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

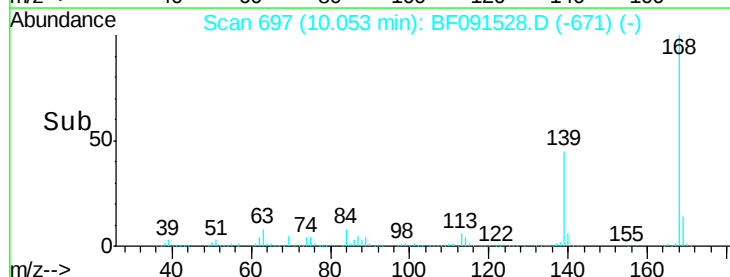
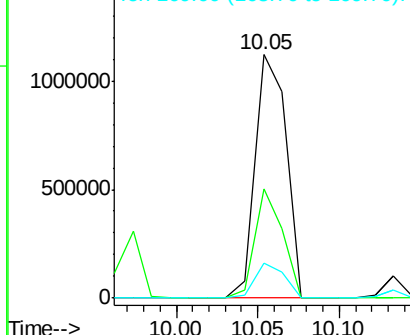


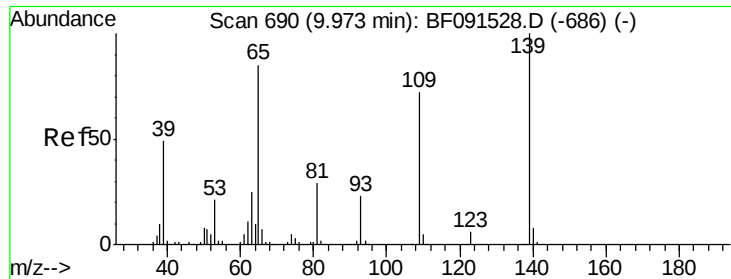
#54
Dibenzofuran
Concen: 37.11 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:168 Resp: 1479231
Ion Ratio Lower Upper
168 100
139 45.0 33.4 50.2
169 14.2 11.1 16.7



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: 50.06 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

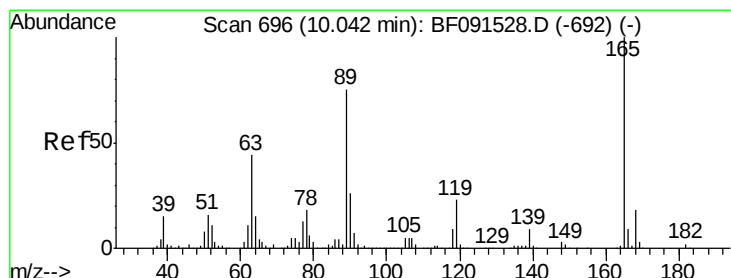
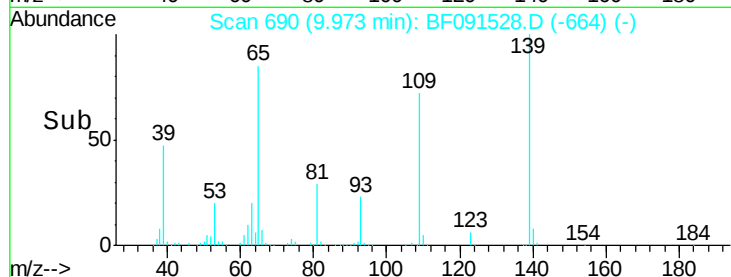
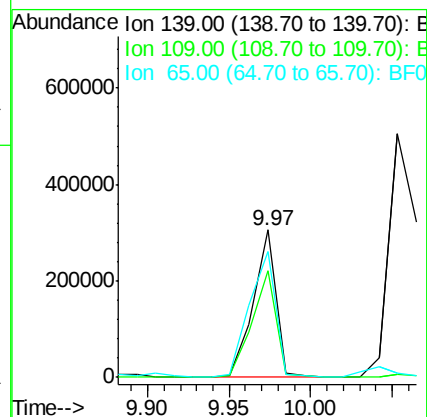
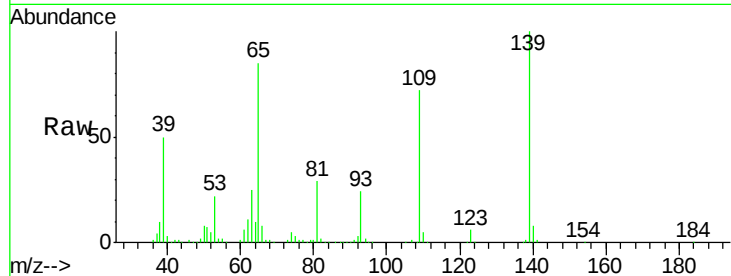
Tot Ion:139 Resp: 296602

Ion Ratio Lower Upper

139 100

109 71.9 54.9 94.9

65 84.9 102.2 142.2#



#56

2,4-Dinitrotoluene

Concen: 43.71 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Tgt Ion:165 Resp: 401847

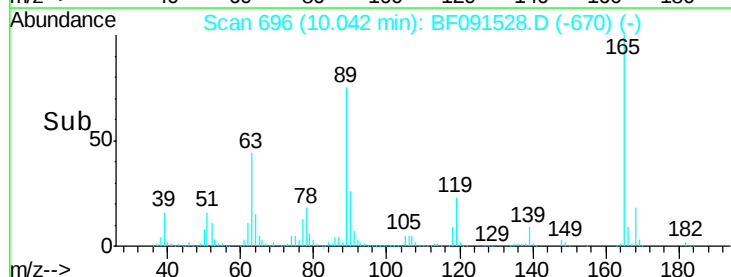
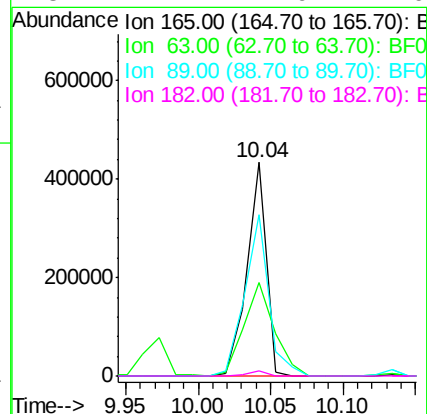
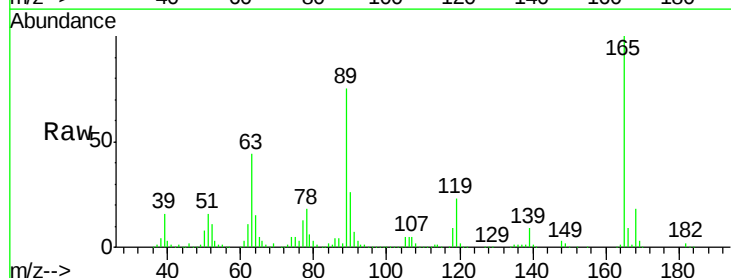
Ion Ratio Lower Upper

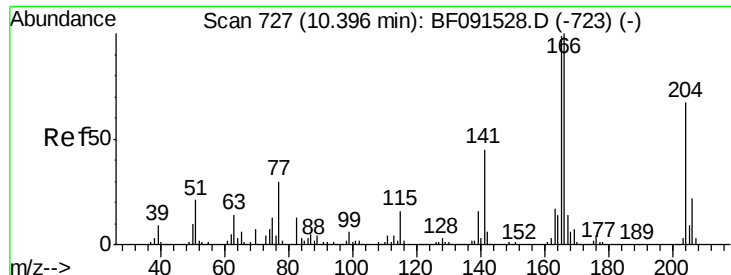
165 100

63 43.9 29.0 43.4#

89 75.2 43.1 64.7#

182 2.2 1.9 2.9

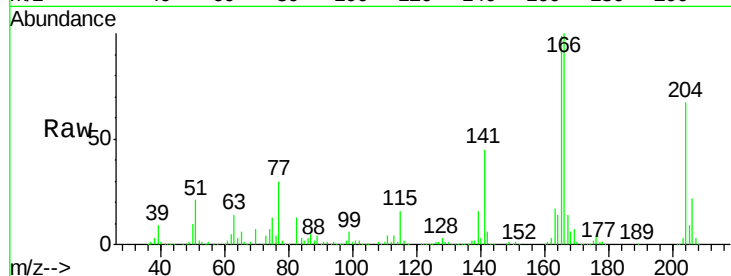




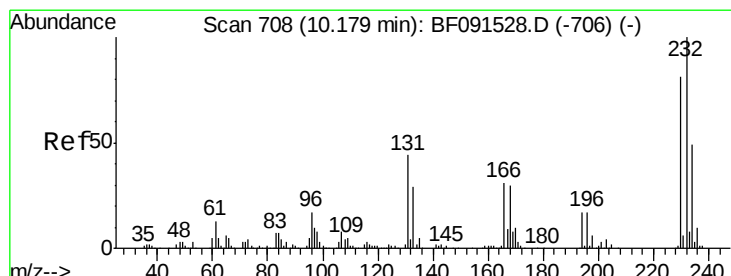
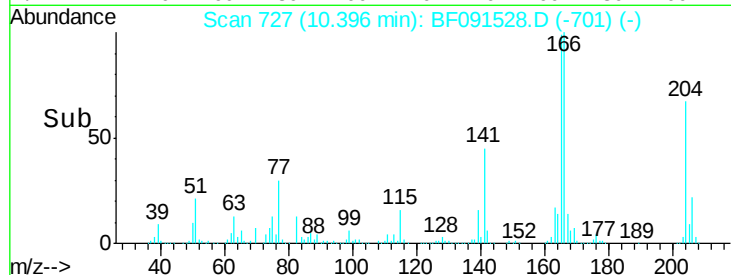
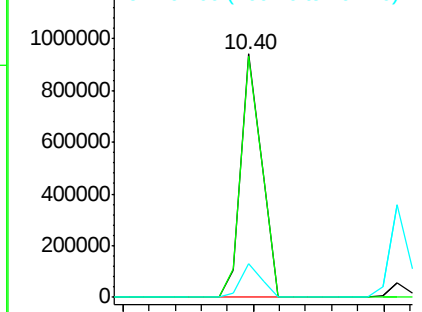
#57
Fluorene
 Concen: 33.94 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1038865
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.0 120.0
 167 14.0 10.8 16.2

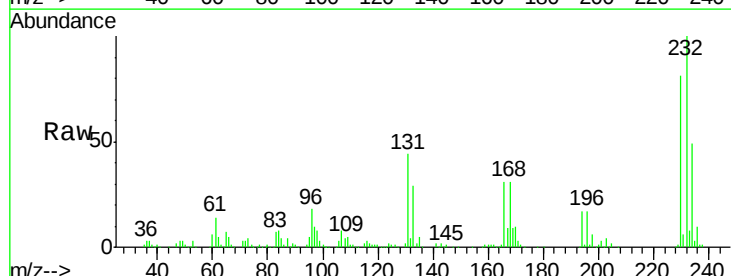


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

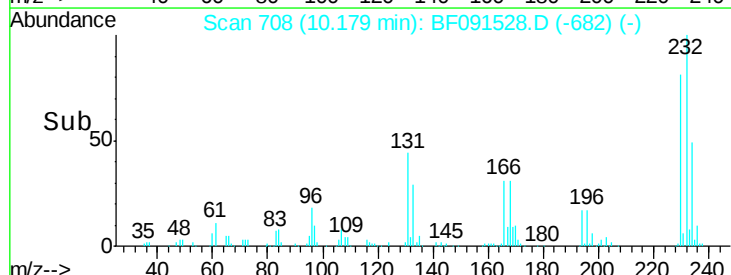
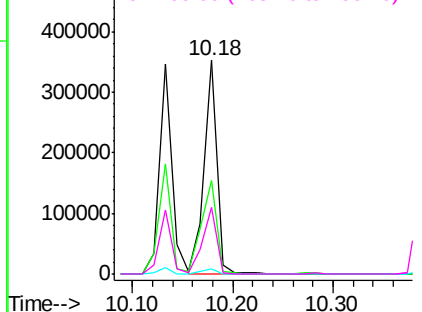


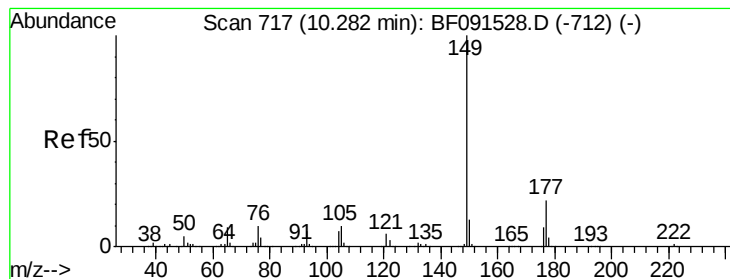
#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.03 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:232 Resp: 312179
 Ion Ratio Lower Upper
 232 100
 131 51.3 38.4 57.6
 130 2.5 1.8 2.8
 166 34.0 23.9 35.9



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: 42.37 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

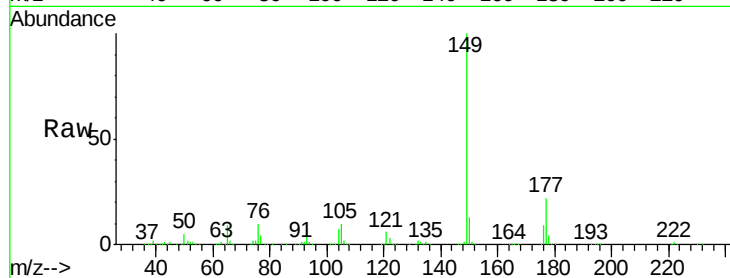
Tot Ion:149 Resp: 1325970

Ion Ratio Lower Upper

149 100

177 21.9 15.7 23.5

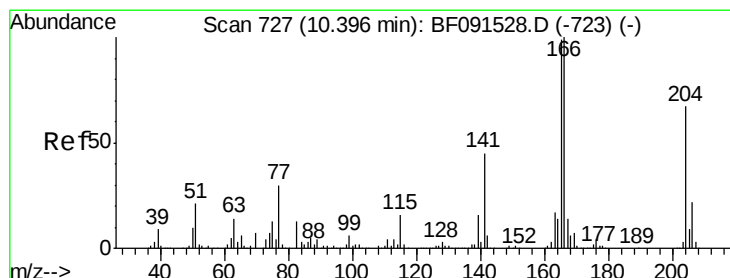
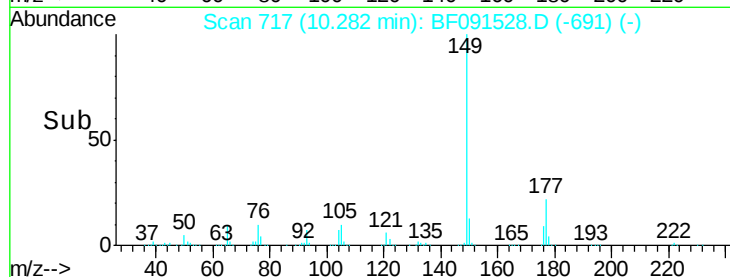
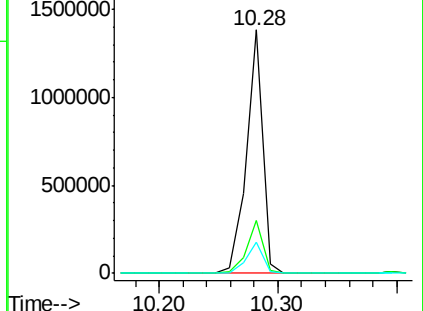
150 12.7 10.2 15.2



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: 34.97 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

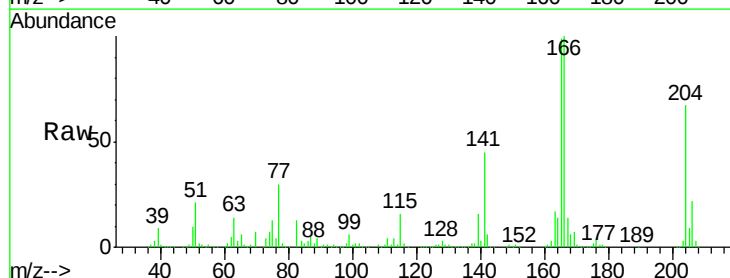
Tgt Ion:204 Resp: 536828

Ion Ratio Lower Upper

204 100

206 32.8 26.1 39.1

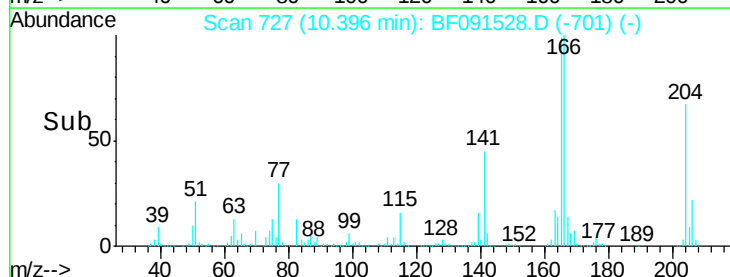
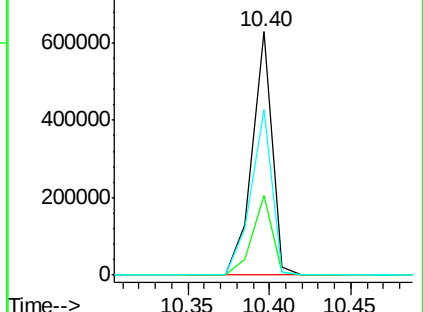
141 67.9 40.6 61.0#

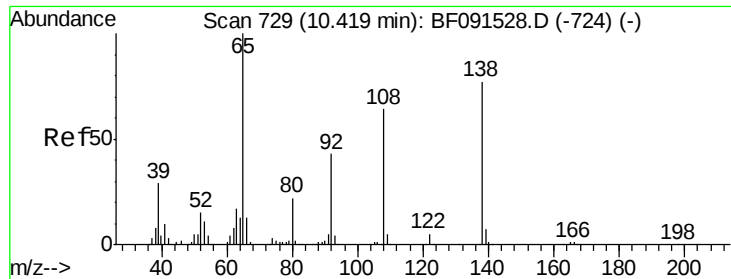


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

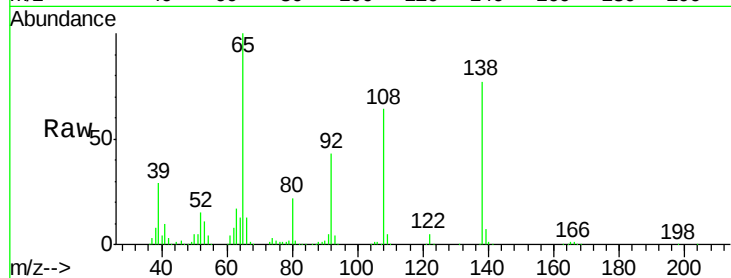




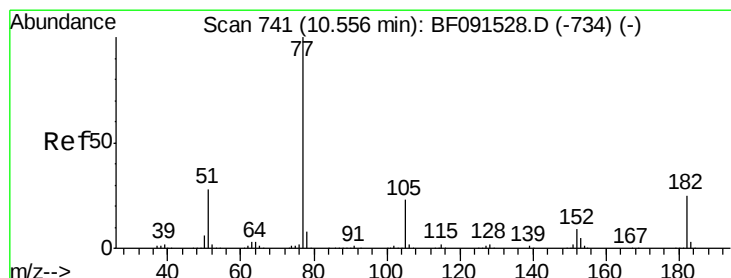
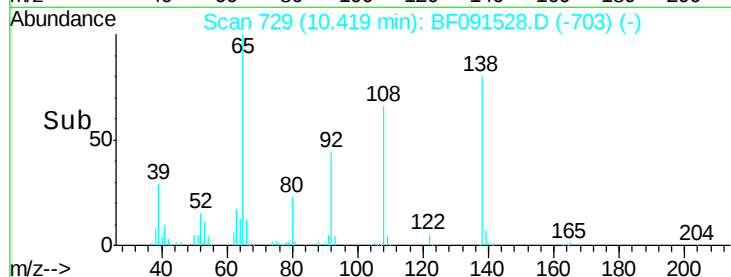
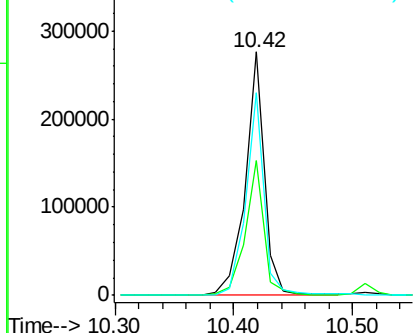
#61
4-Nitroaniline
Concen: 40.74 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 313757
Ion Ratio Lower Upper
138 100
92 55.6 26.9 66.9
108 83.3 49.1 89.1

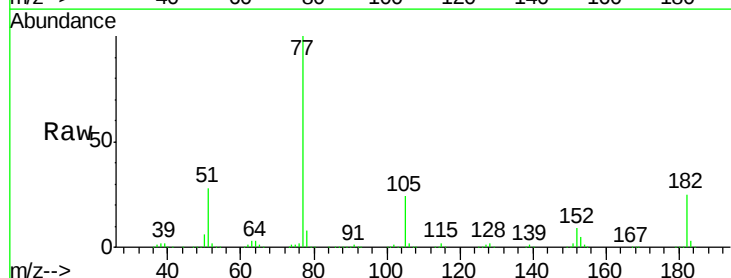


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

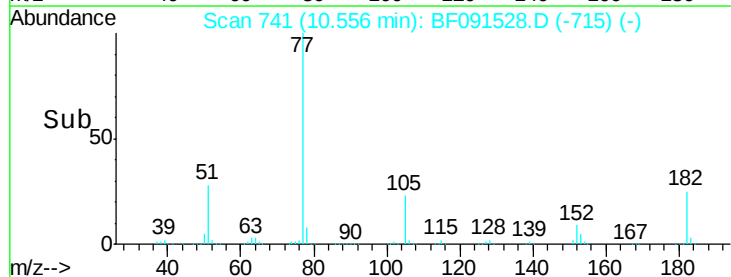
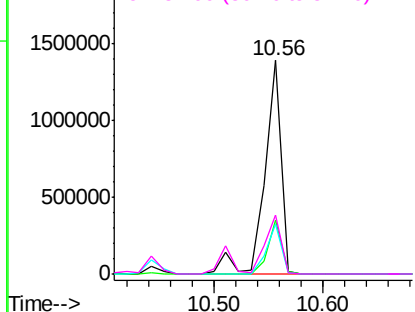


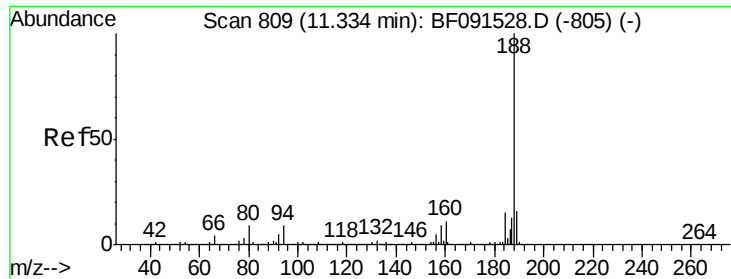
#62
Azobenzene
Concen: 47.15 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion: 77 Resp: 1505902
Ion Ratio Lower Upper
77 100
182 25.2 12.5 52.5
105 23.5 3.7 43.7
51 27.8 11.9 51.9



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

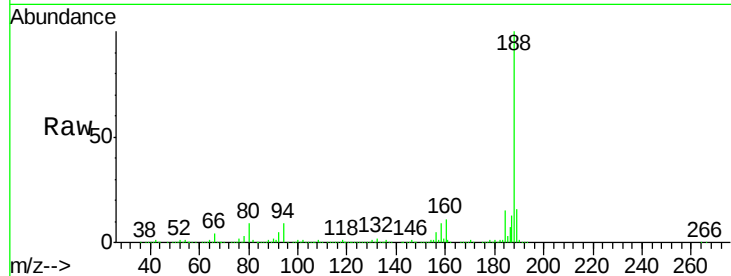




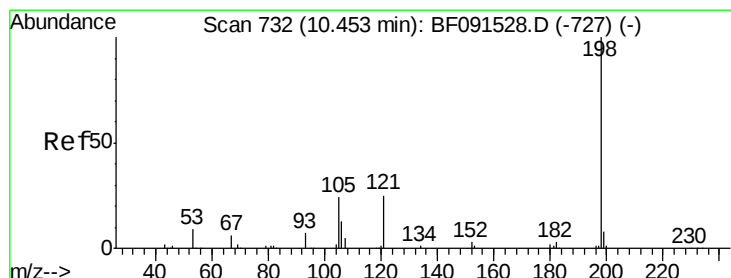
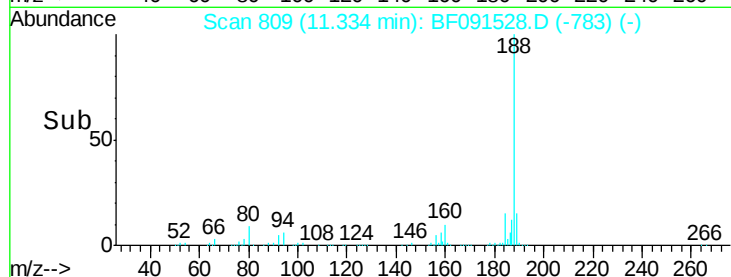
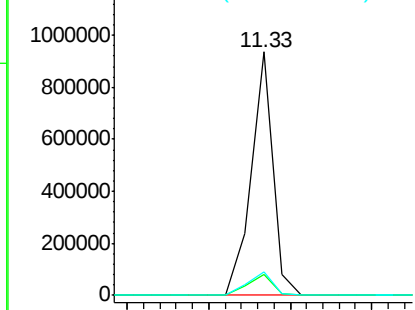
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 866361
Ion Ratio Lower Upper
188 100
94 8.5 9.2 13.8#
80 9.5 10.5 15.7#

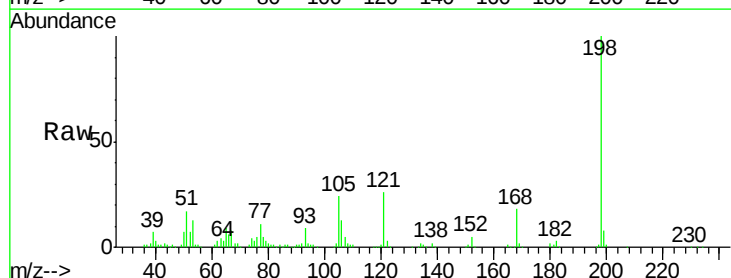


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

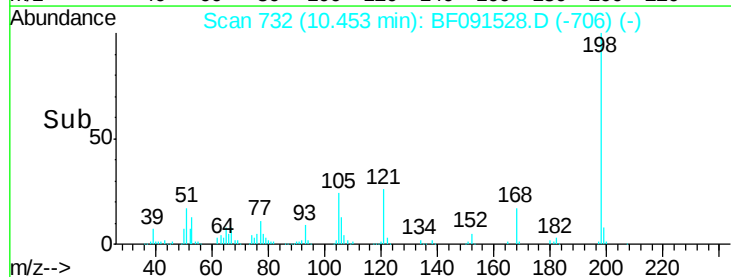
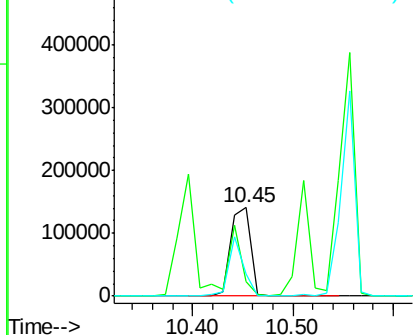


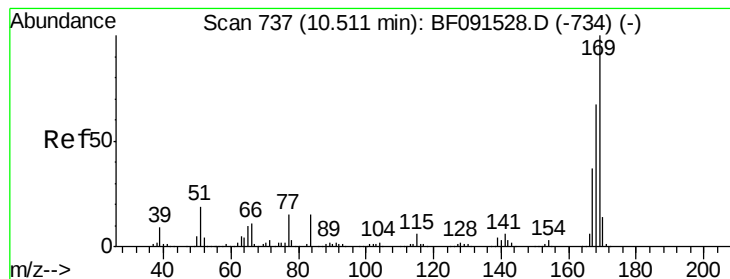
#64
4,6-Dinitro-2-methylphenol
Concen: 40.36 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:198 Resp: 192643
Ion Ratio Lower Upper
198 100
51 17.0 77.1 117.1#
105 24.5 44.8 84.8#



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

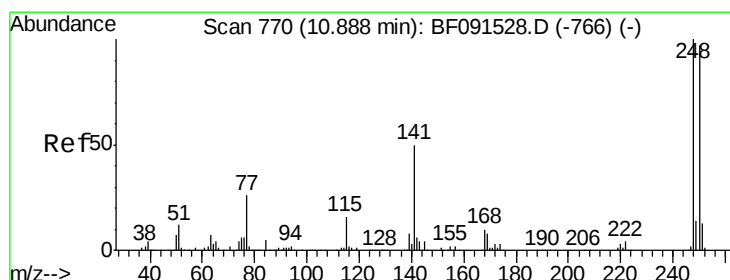
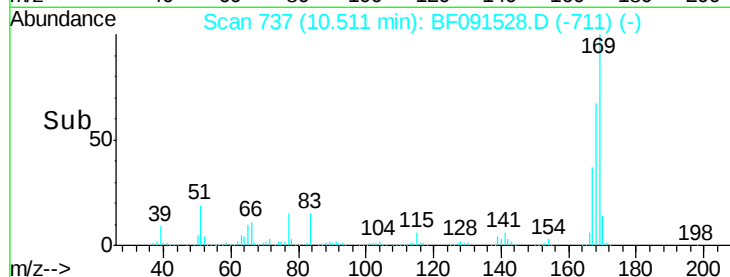
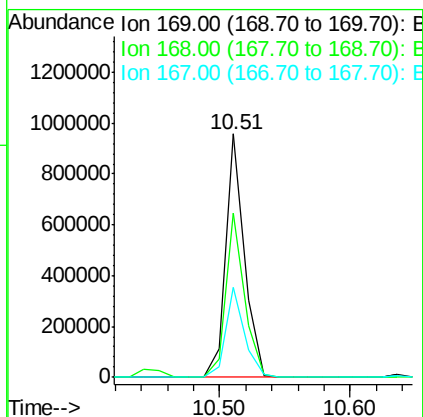
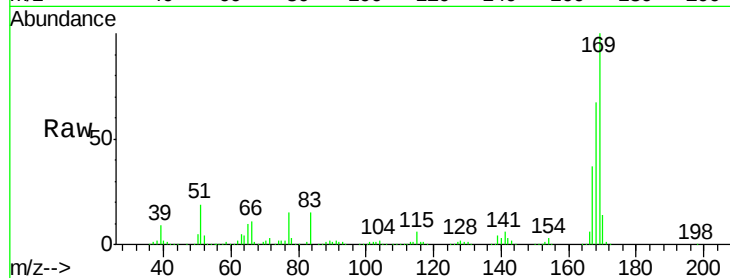




#65
 n-Nitrosodiphenylamine
 Concen: 36.07 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

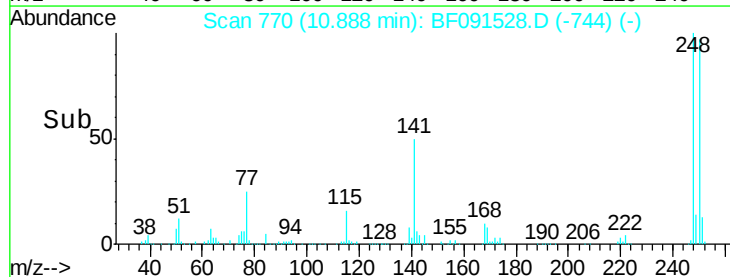
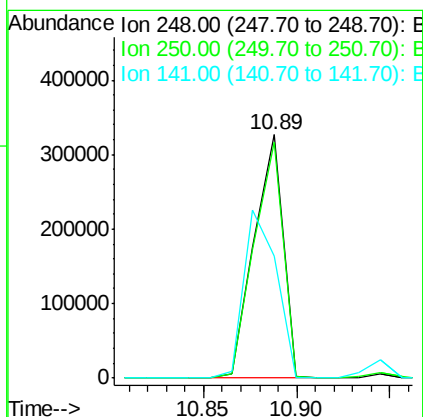
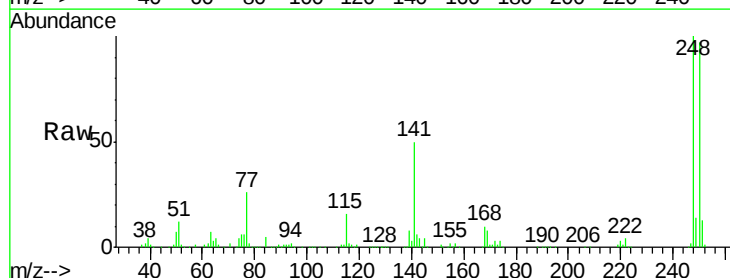
Instrument :
 BNA_F
 ClientSampleId :

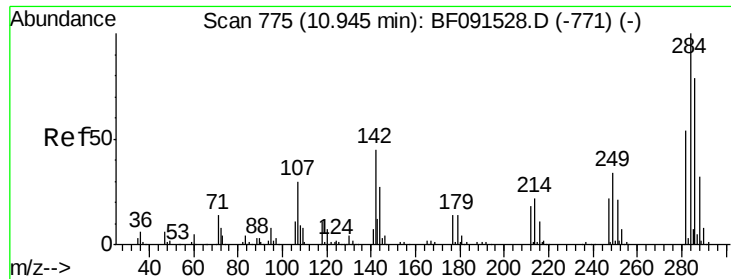
Tot Ion:169 Resp: 947378
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.8
 167 37.1 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 37.62 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:248 Resp: 350316
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.2 117.4
 141 49.9 71.9 107.9#

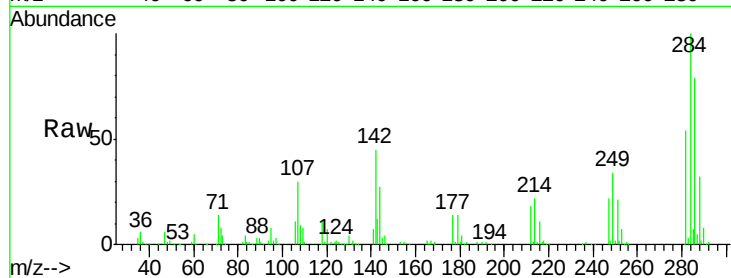




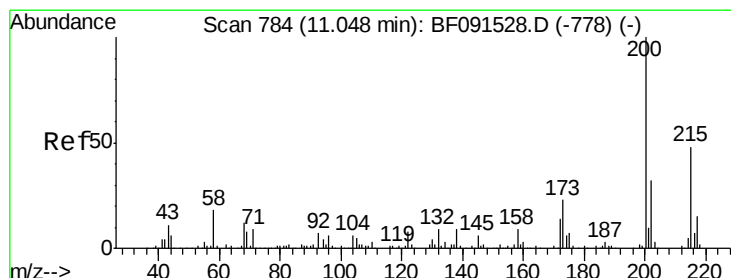
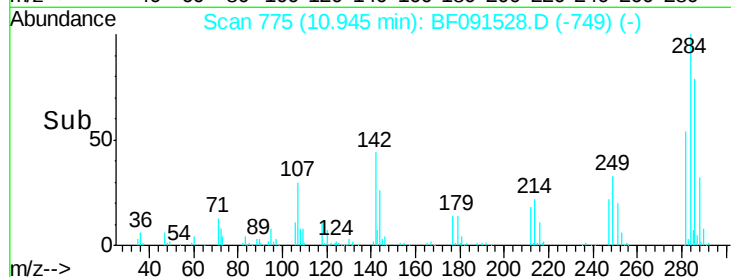
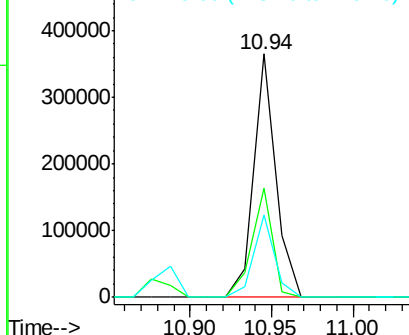
#67
Hexachlorobenzene
Concen: 34.25 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 344633
Ion Ratio Lower Upper
284 100
142 44.7 17.9 26.9#
249 34.0 23.6 35.4

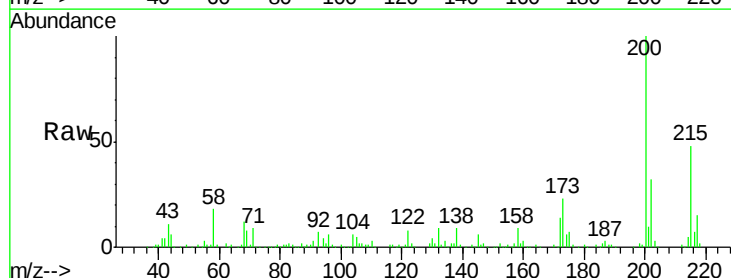


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

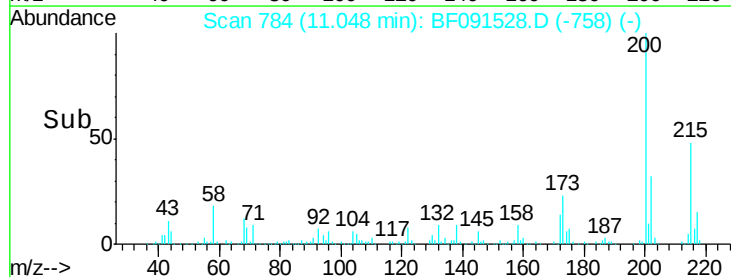
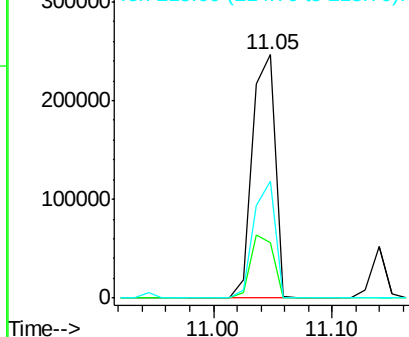


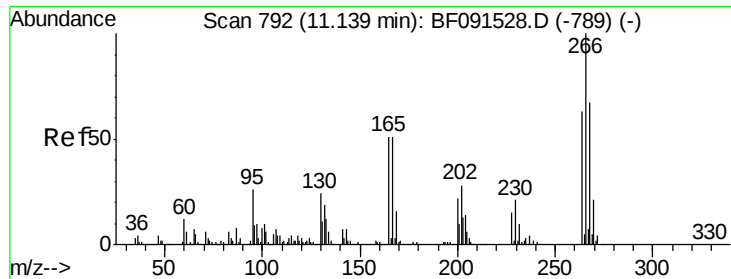
#68
Atrazine
Concen: 39.12 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:200 Resp: 332796
Ion Ratio Lower Upper
200 100
173 22.9 7.8 47.8
215 47.8 24.3 64.3



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

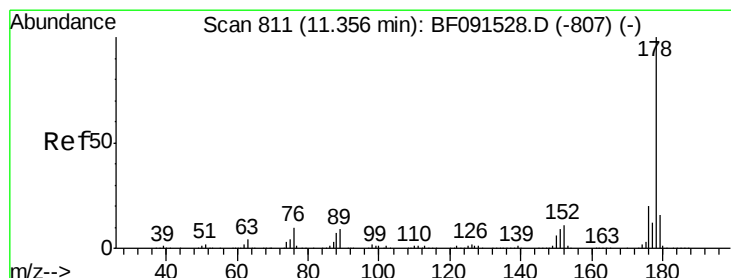
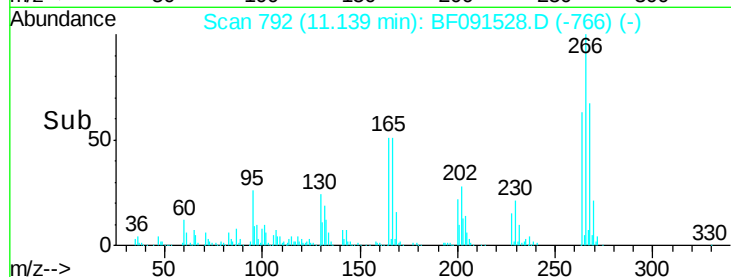
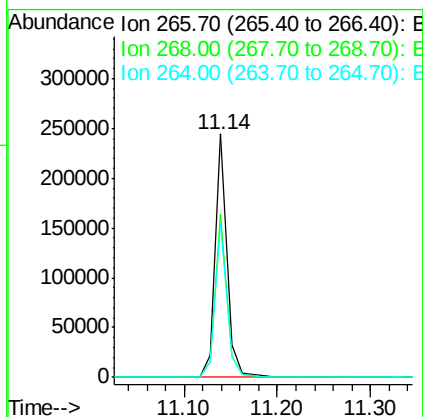
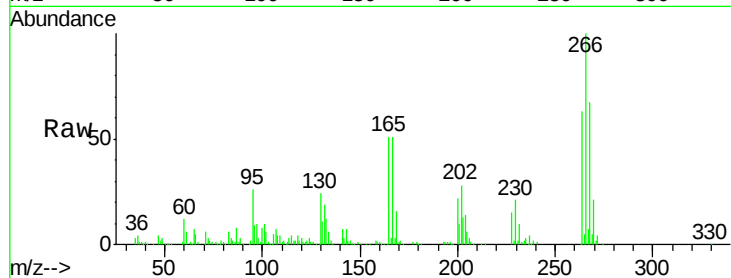




#69
 Pentachlorophenol
 Concen: 36.29 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

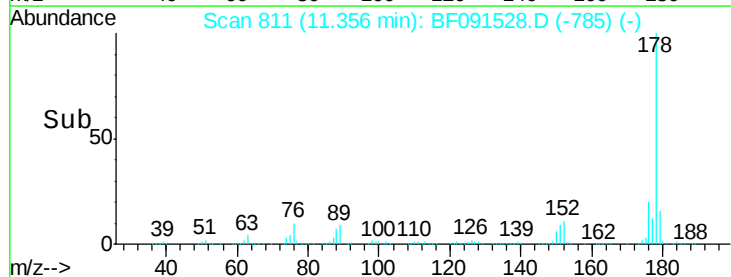
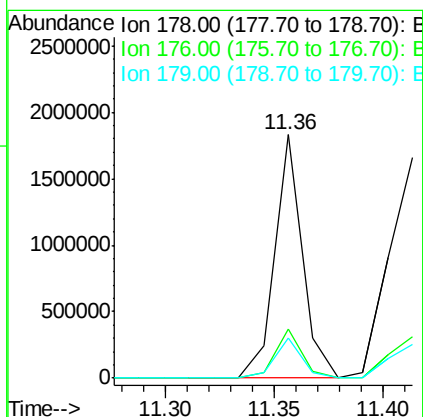
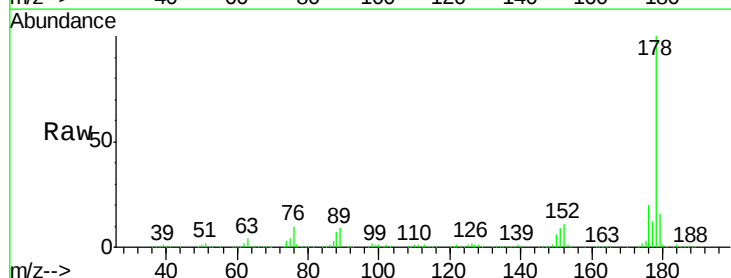
Instrument :
 BNA_F
 ClientSampleId :

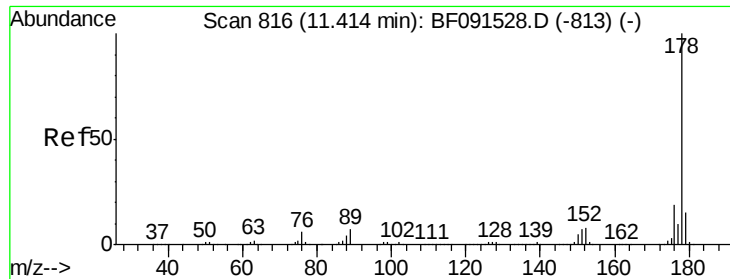
Tot Ion:266 Resp: 214956
 Ion Ratio Lower Upper
 266 100
 268 66.9 50.3 75.5
 264 63.2 48.2 72.2



#70
 Phenanthrene
 Concen: 36.28 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:178 Resp: 1633043
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 16.3 12.6 18.8

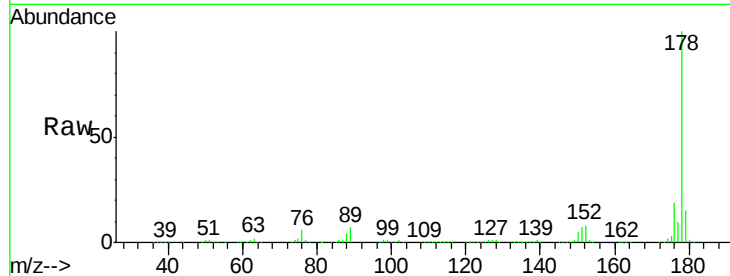




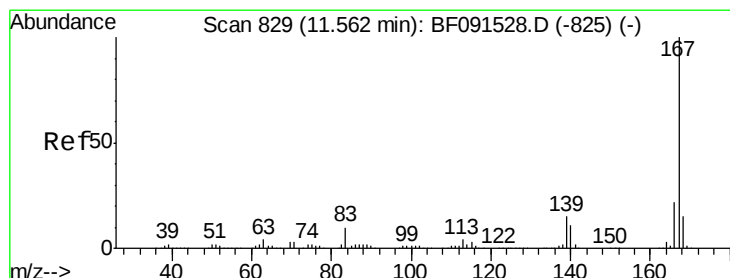
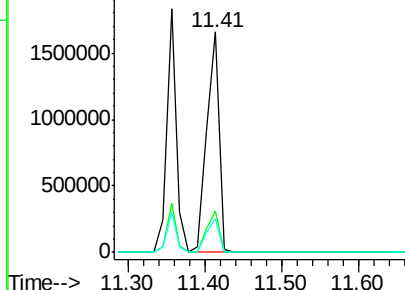
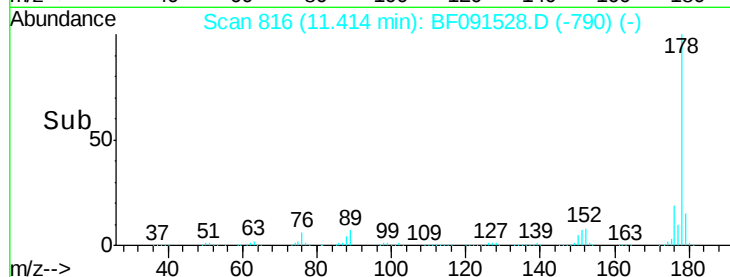
#71
 Anthracene
 Concen: 40.57 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1812481
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 15.4 12.7 19.1

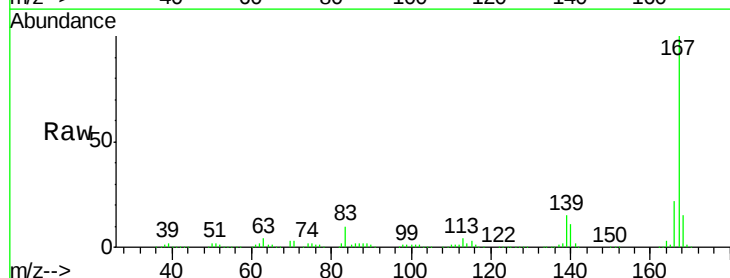


Abundance Ion 178.00 (177.70 to 178.70): E
 2500000 Ion 176.00 (175.70 to 176.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E

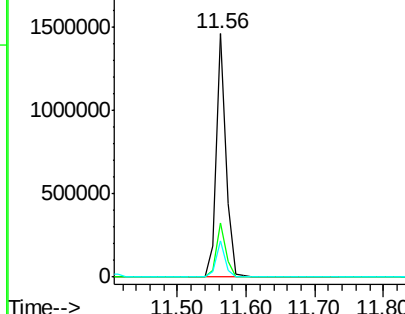
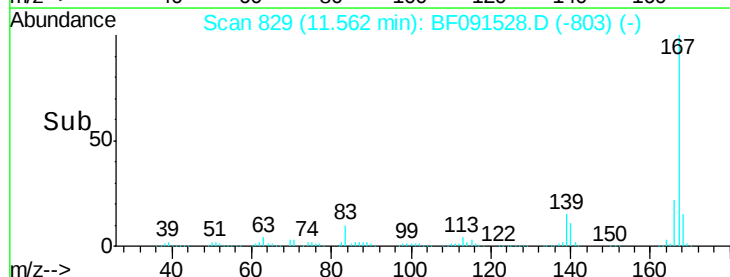


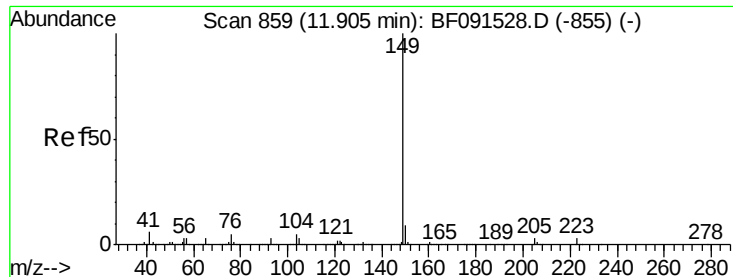
#72
 Carbazole
 Concen: 36.16 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:167 Resp: 1465874
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.9 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 1500000 Ion 139.00 (138.70 to 139.70): E

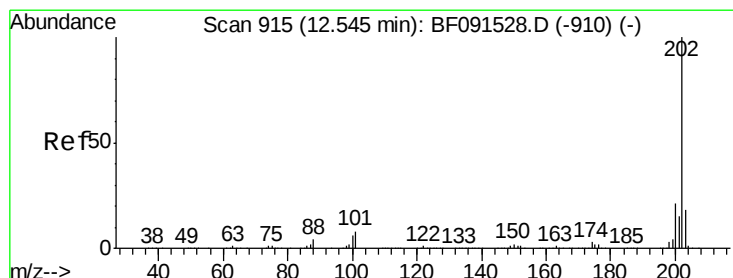
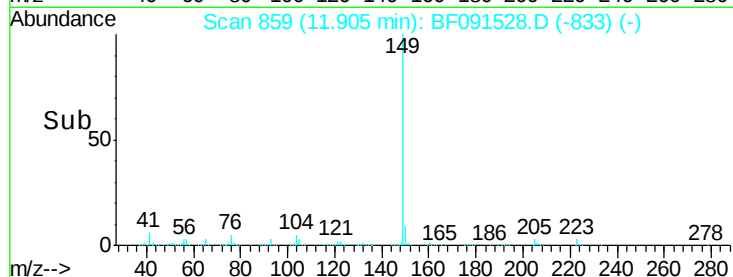
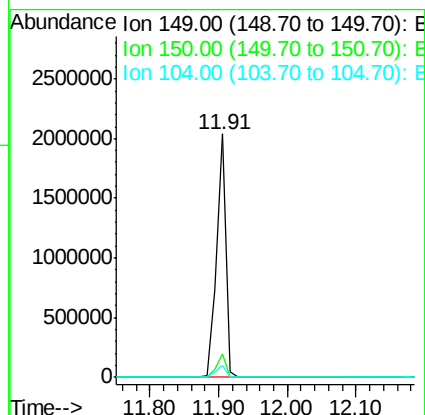
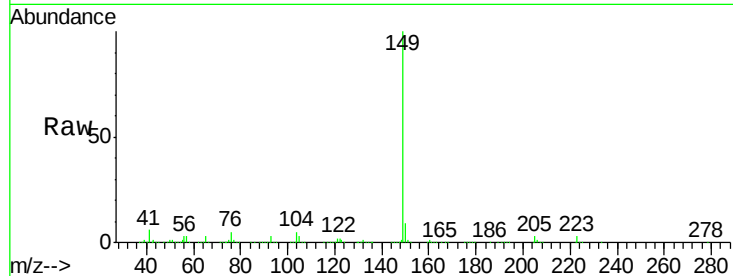




#73
Di-n-butylphthalate
Concen: 42.52 ng
RT: 11.91 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

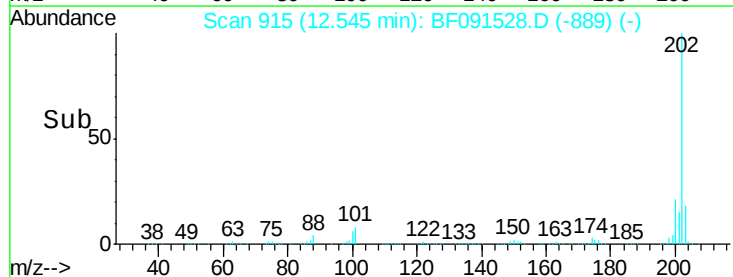
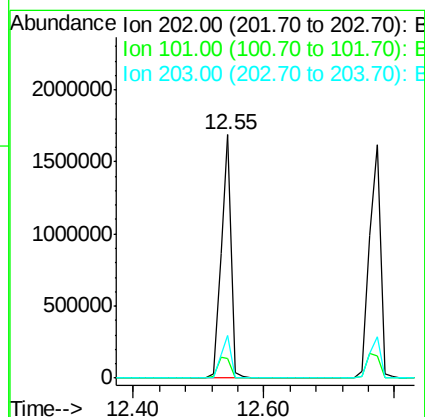
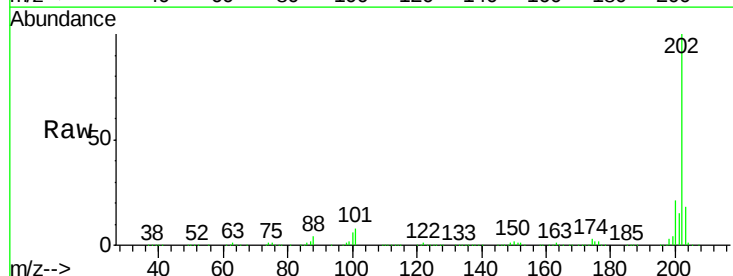
Instrument :
BNA_F
ClientSampleId :

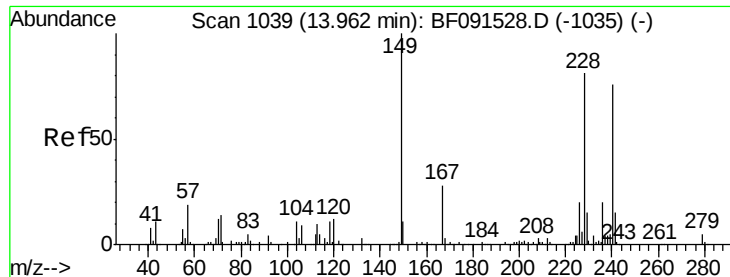
Tot Ion:149 Resp: 1953832
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.0 6.0



#74
Fluoranthene
Concen: 42.73 ng
RT: 12.55 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:202 Resp: 1822236
Ion Ratio Lower Upper
202 100
101 8.2 0.0 29.5
203 17.7 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

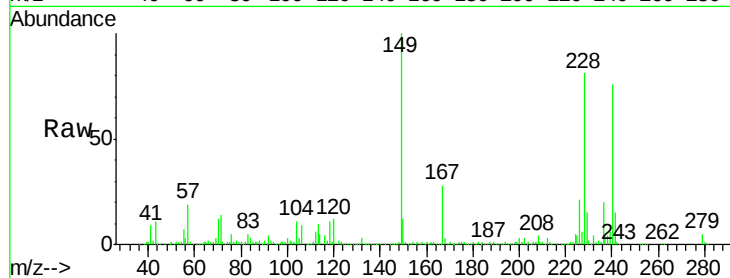
Tot Ion:240 Resp: 564522

Ion Ratio Lower Upper

240 100

120 16.4 12.1 18.1

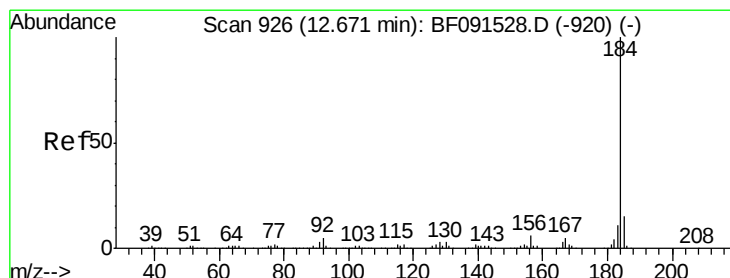
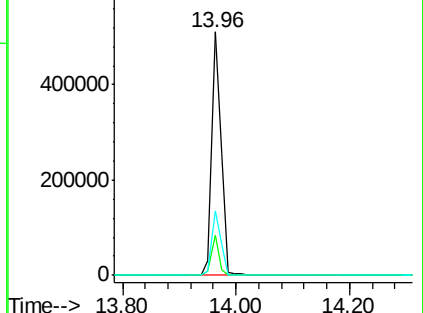
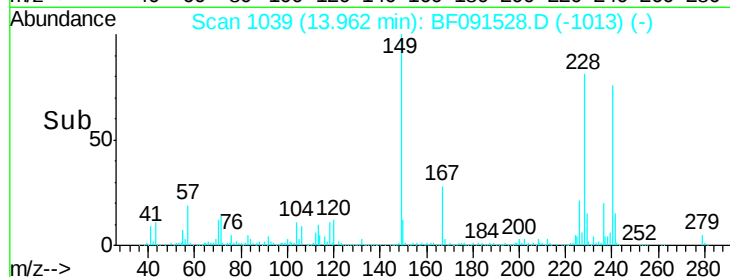
236 26.7 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.43 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

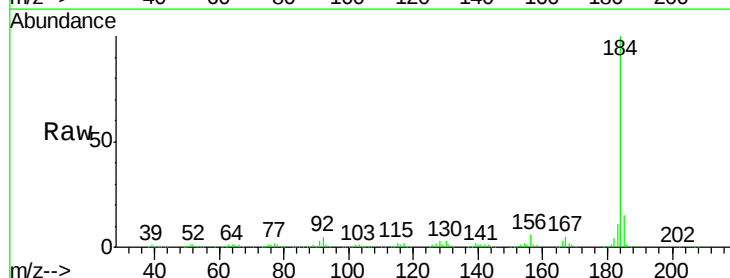
Tgt Ion:184 Resp: 719659

Ion Ratio Lower Upper

184 100

185 15.3 13.1 19.7

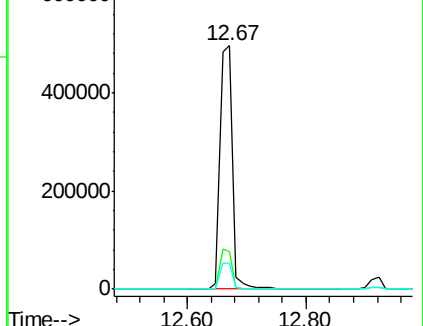
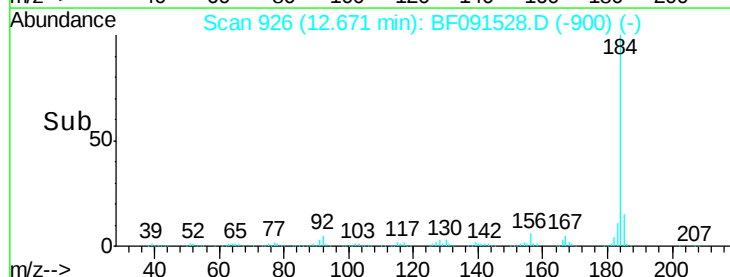
183 10.9 8.9 13.3

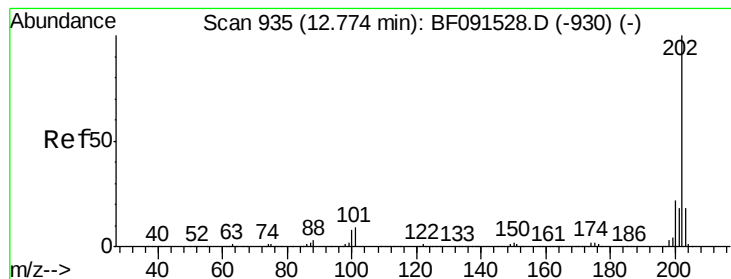


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.40 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

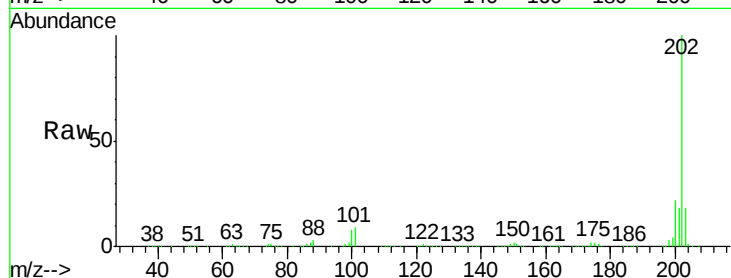
Tot Ion:202 Resp: 1859274

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

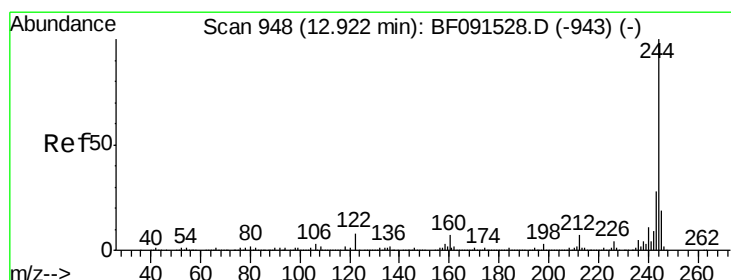
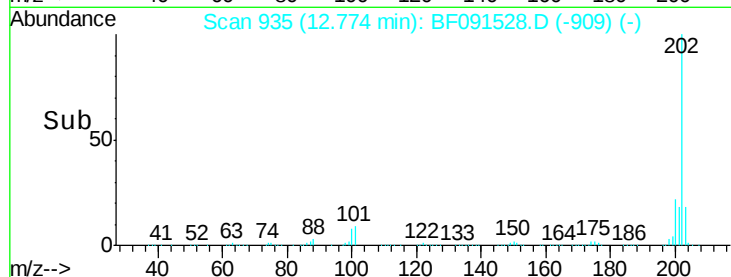
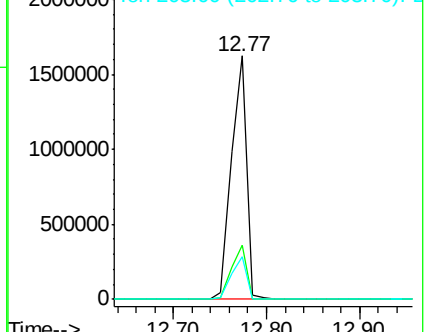
203 17.7 14.0 21.0



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: 79.50 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

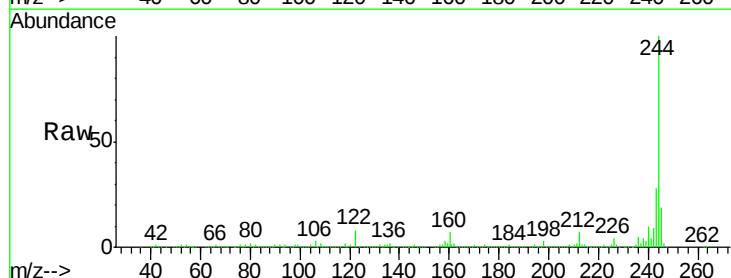
Tgt Ion:244 Resp: 2064918

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

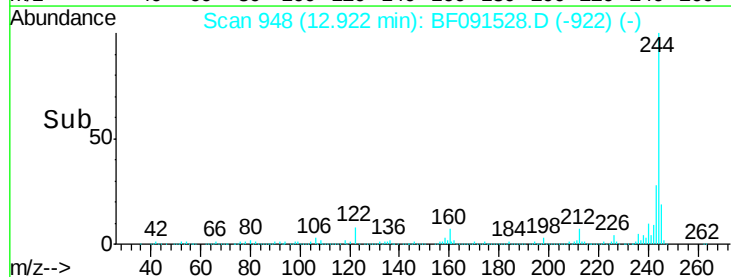
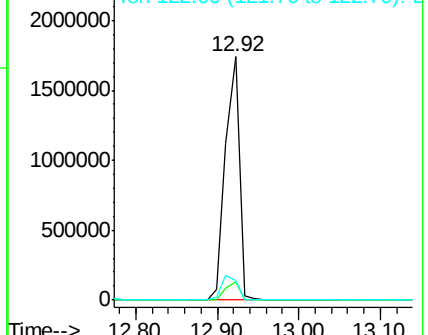
122 7.9 9.5 14.3#

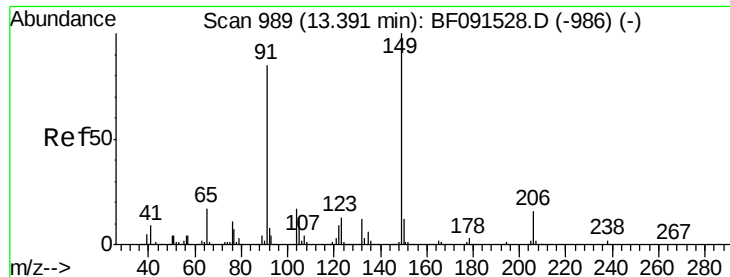


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

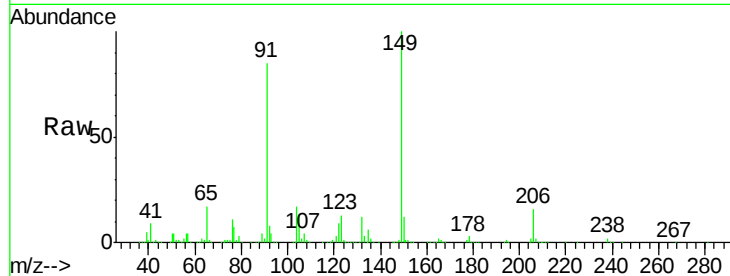




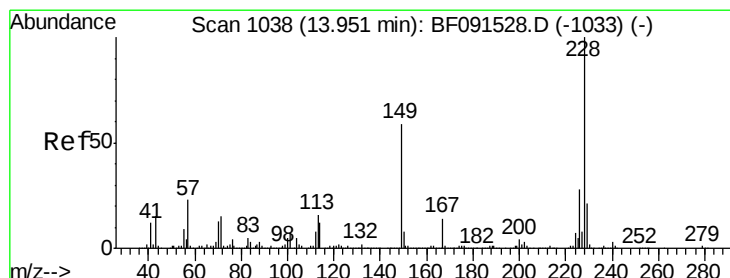
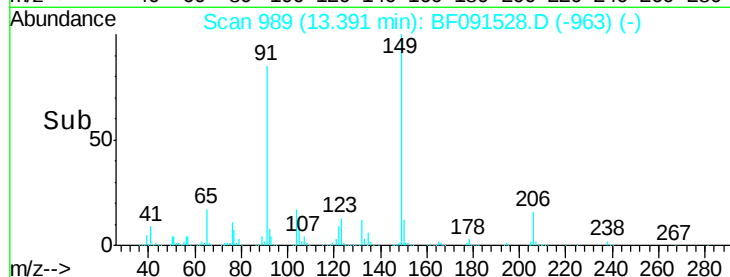
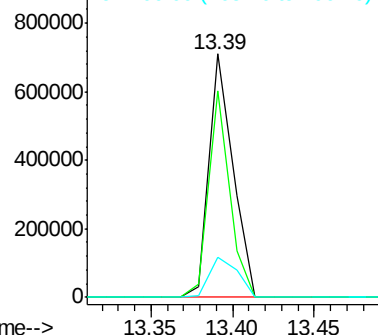
#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 714426
Ion Ratio Lower Upper
149 100
91 84.9 57.4 86.2
206 16.2 15.4 23.2

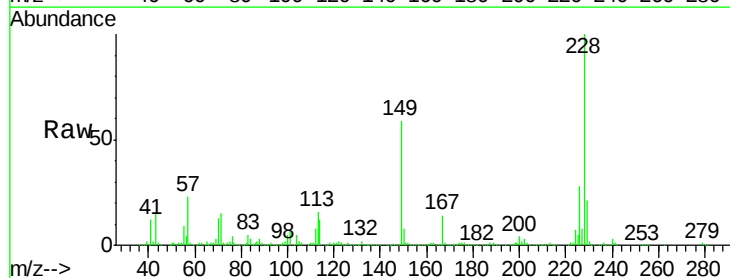


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

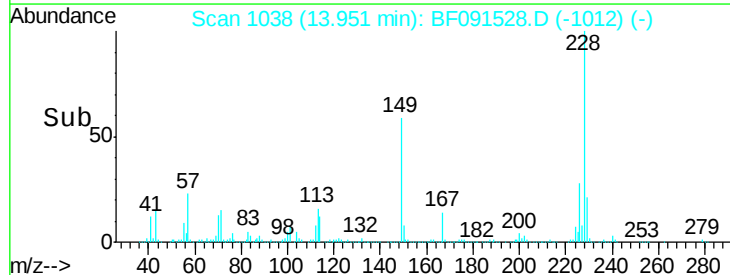
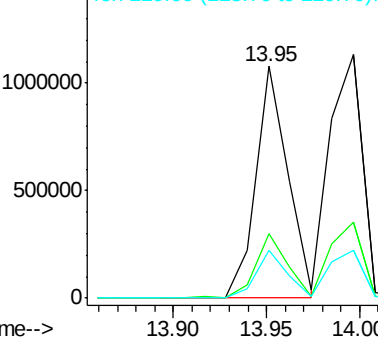


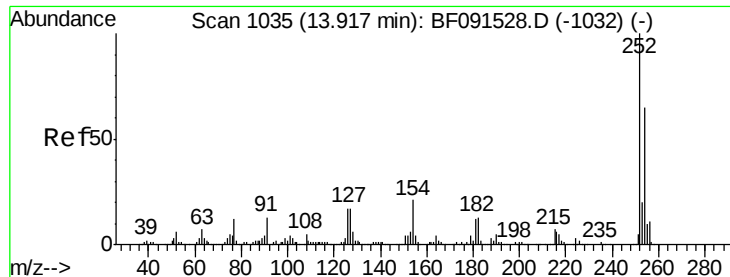
#80
Benzo(a)anthracene
Concen: 39.24 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:228 Resp: 1295459
Ion Ratio Lower Upper
228 100
226 27.8 22.5 33.7
229 20.5 16.4 24.6



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

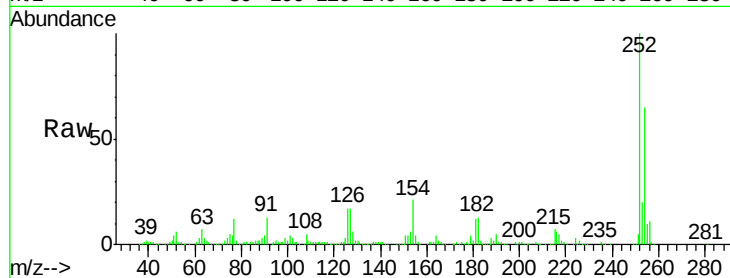




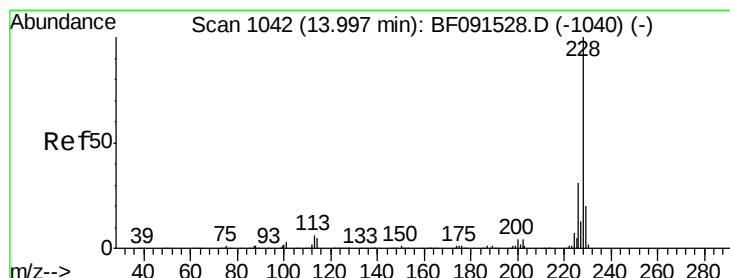
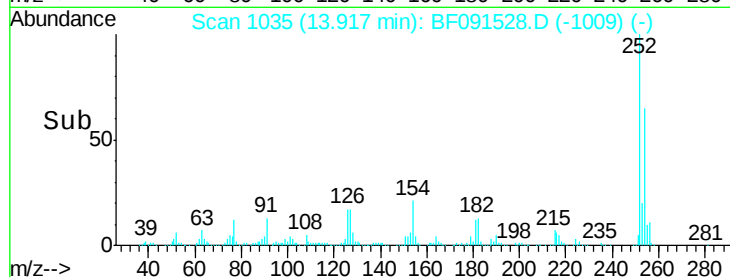
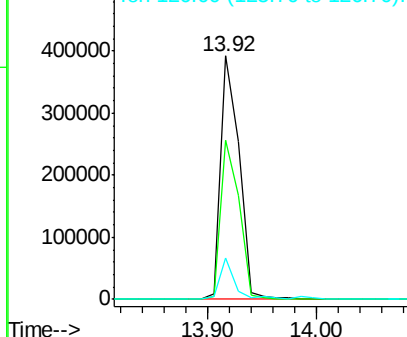
#81
 3,3'-Dichlorobenzidine
 Concen: 40.05 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 465776
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.1 78.1
 126 16.8 7.5 11.3#

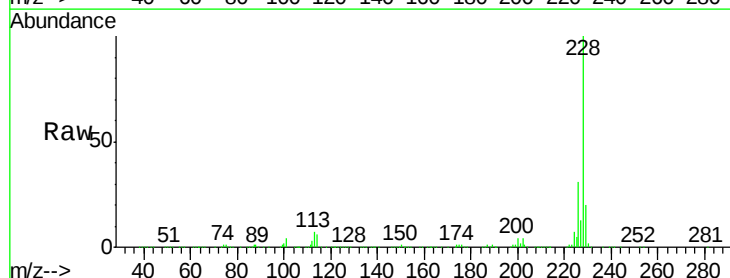


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

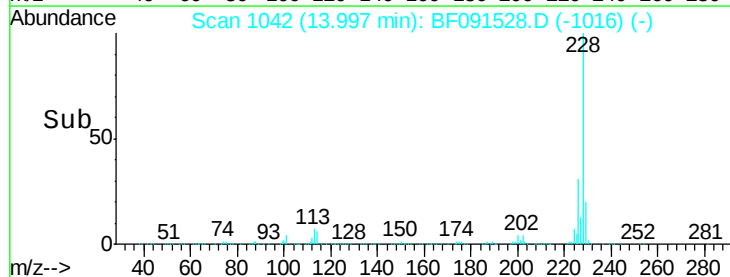
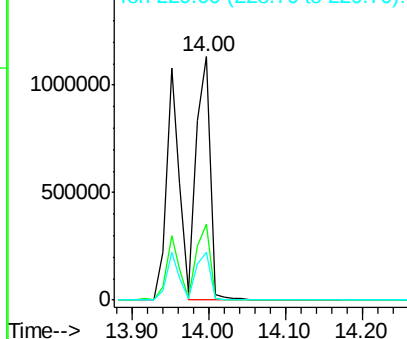


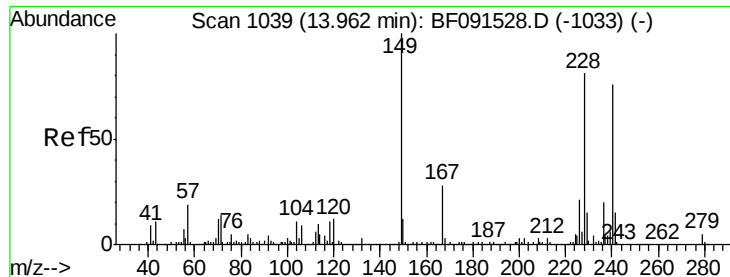
#82
 Chrysene
 Concen: 42.78 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:228 Resp: 1397512
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.4
 229 19.7 16.0 24.0



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

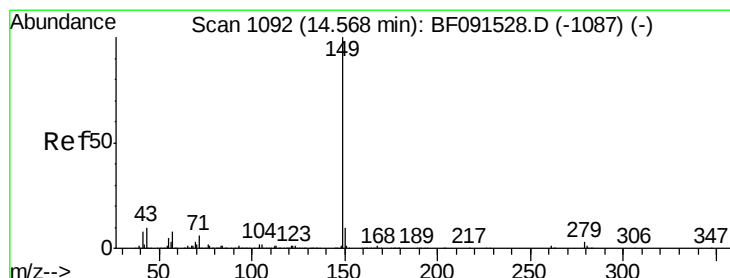
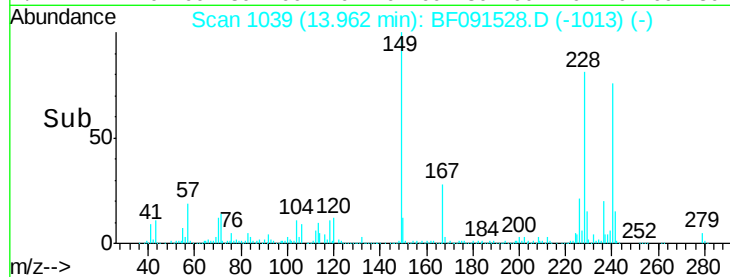
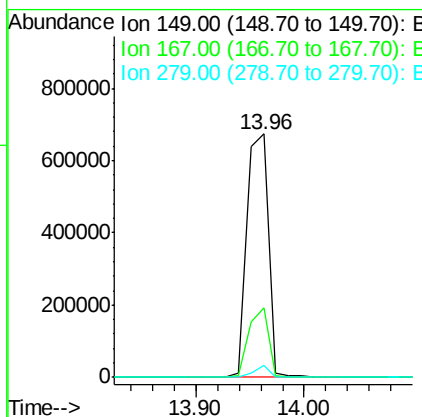
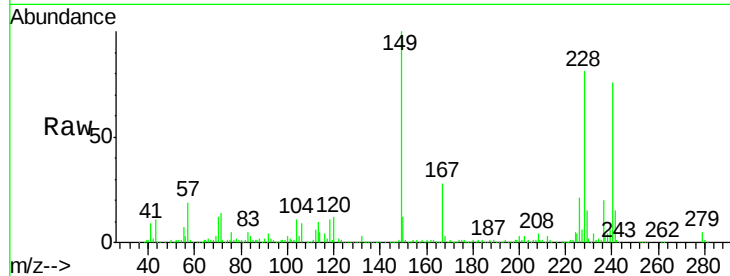




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.52 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

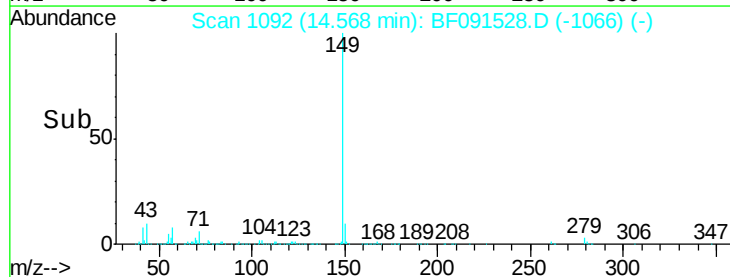
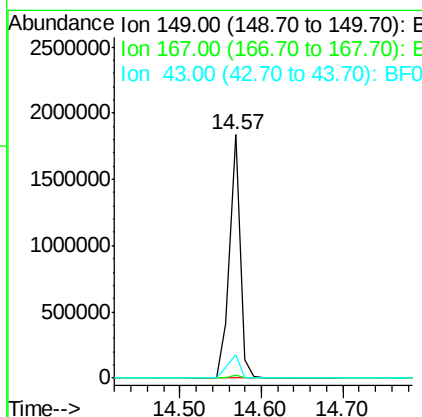
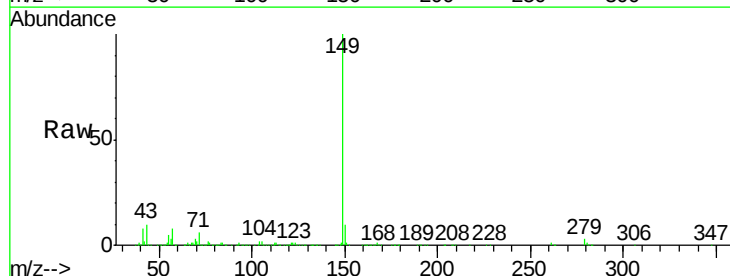
Instrument :
 BNA_F
 ClientSampled :

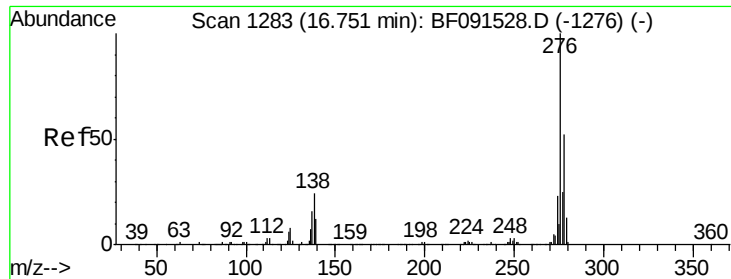
Tot Ion:149 Resp: 925614
 Ion Ratio Lower Upper
 149 100
 167 28.4 19.6 29.4
 279 4.8 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.67 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:149 Resp: 1651483
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.4 11.9 17.9#



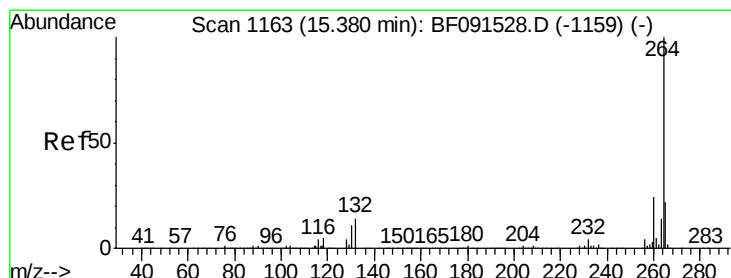
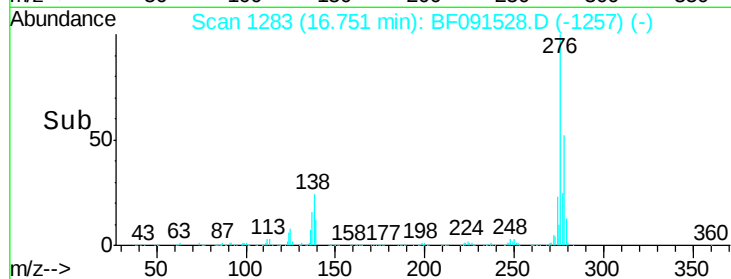
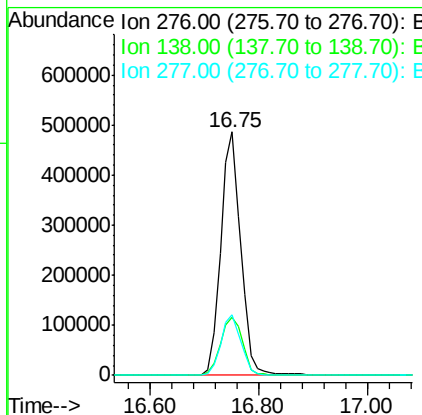
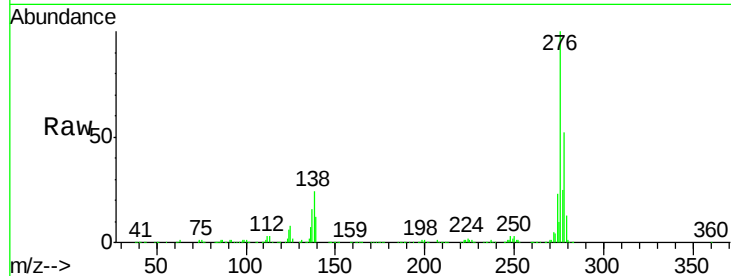


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.82 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1250962

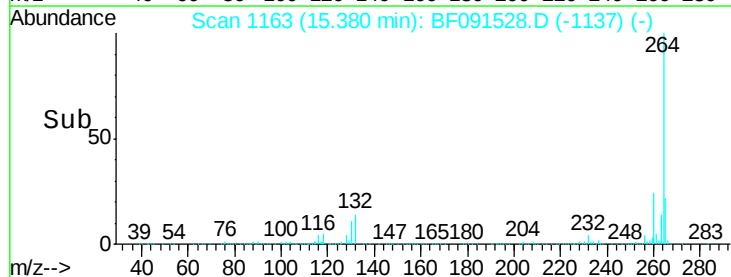
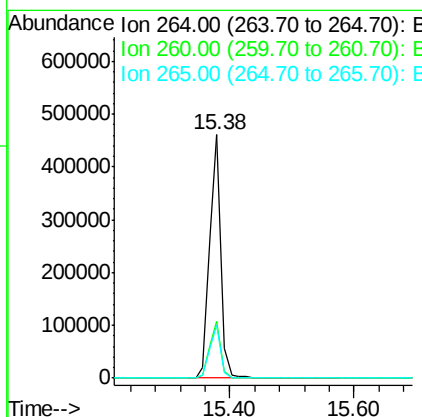
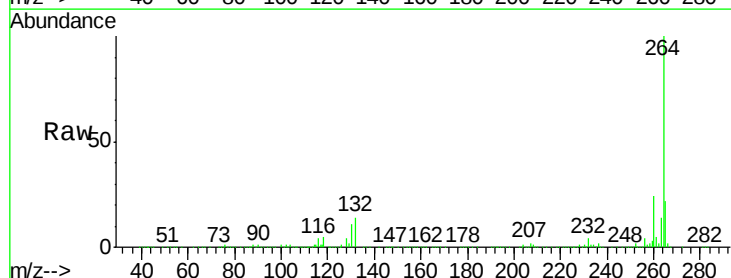
Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.4
277	25.1	20.2	30.2

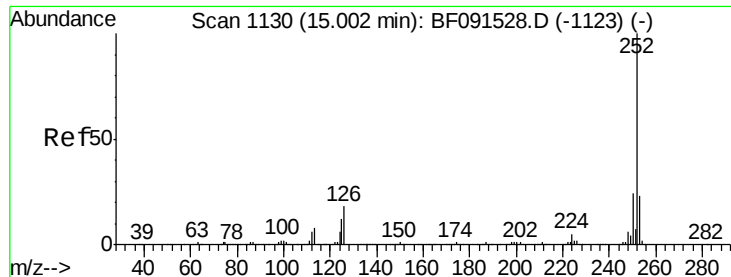


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:264 Resp: 571530

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.0	25.6

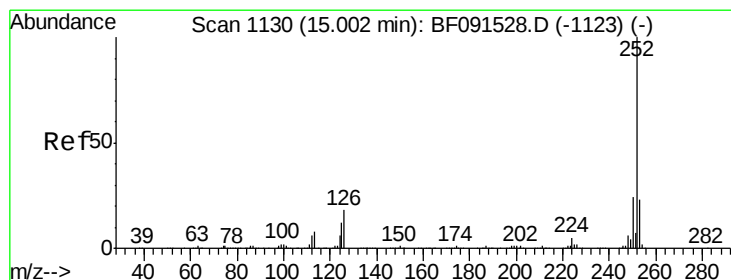
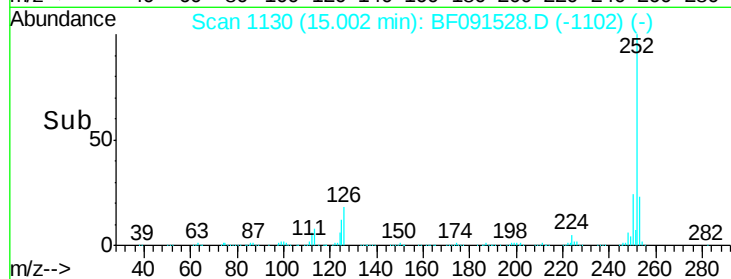
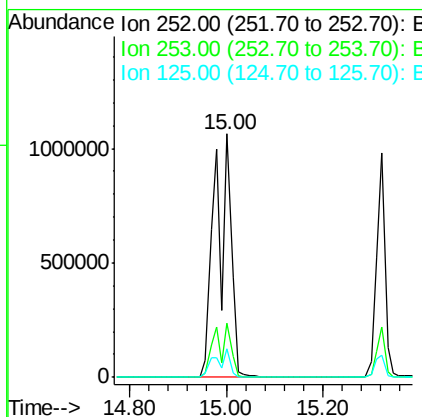
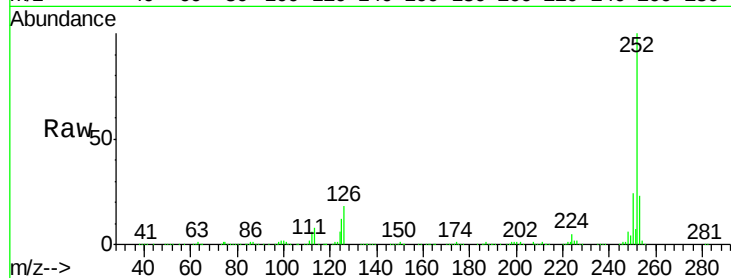




#87
Benzo(b)fluoranthene
Concen: 69.54 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

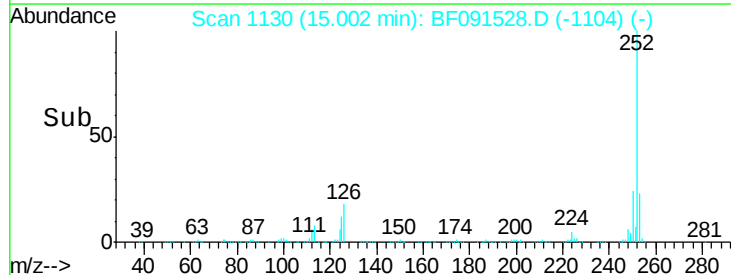
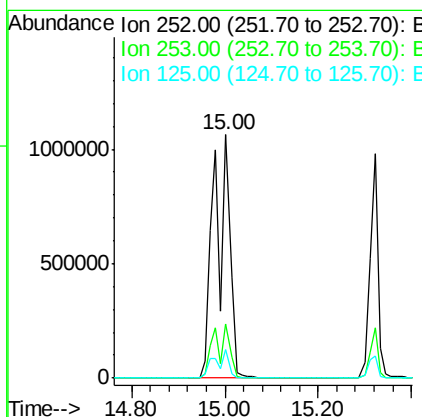
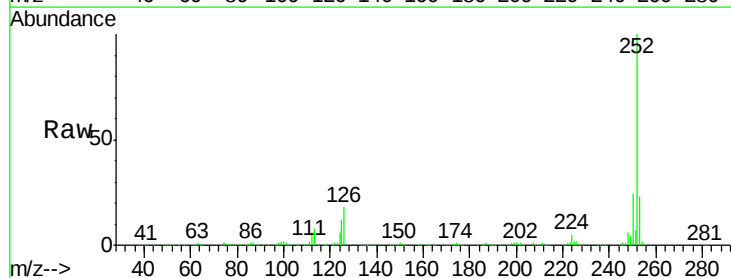
Instrument :
BNA_F
ClientSampleId :

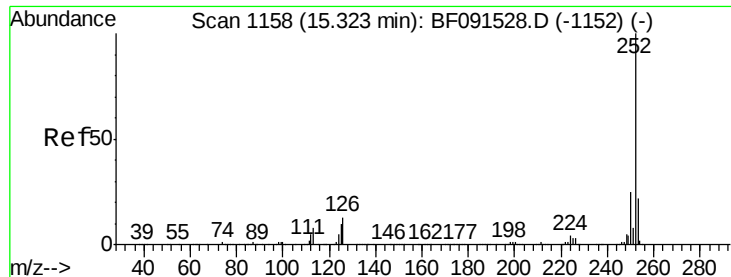
Tot Ion:252 Resp: 2470230
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 12.0 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 82.71 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:252 Resp: 2470876
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.0 9.6 14.4

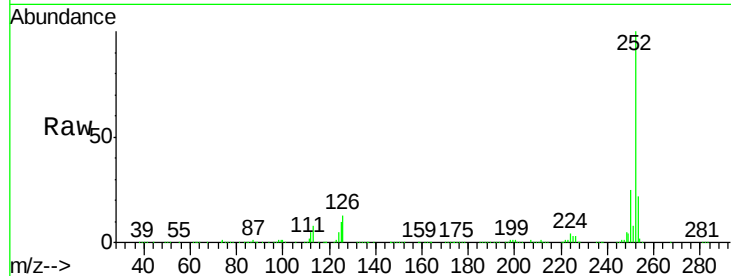




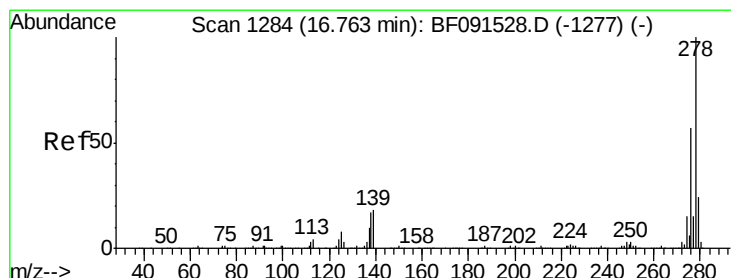
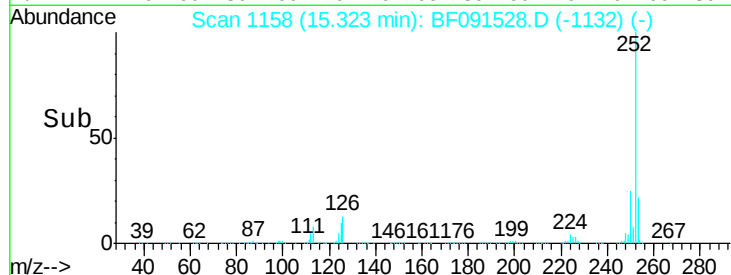
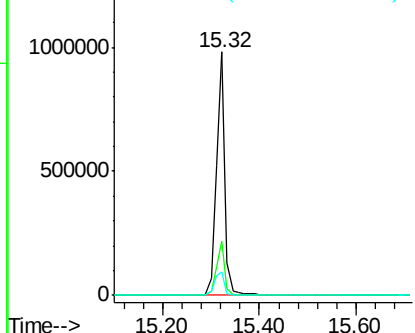
#89
Benzo(a)pyrene
Concen: 37.76 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1204506
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 9.9 10.4 15.6#

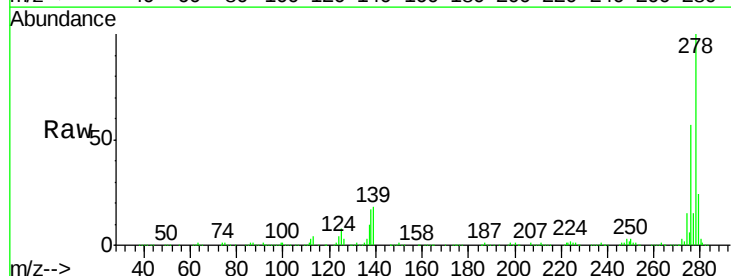


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

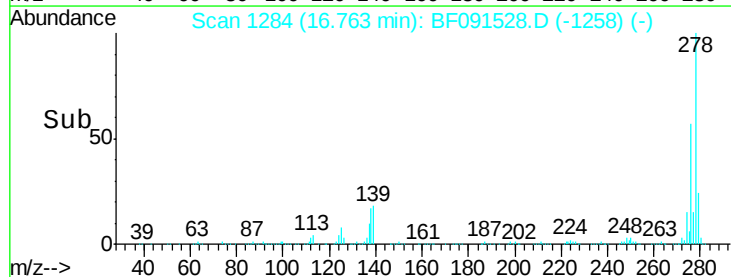
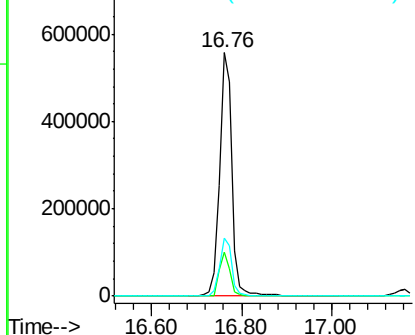


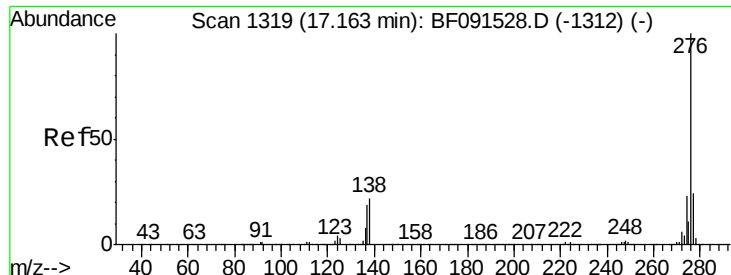
#90
Dibenzo(a,h)anthracene
Concen: 35.96 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:278 Resp: 1061170
Ion Ratio Lower Upper
278 100
139 18.2 15.1 22.7
279 23.9 19.0 28.6



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





#91

Benzo(a,h,i)perylene

Concen: 35.03 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.00 min

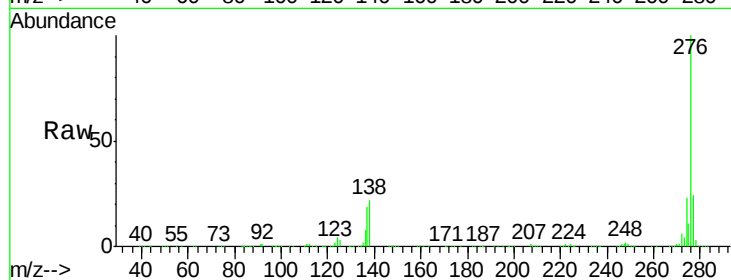
Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :



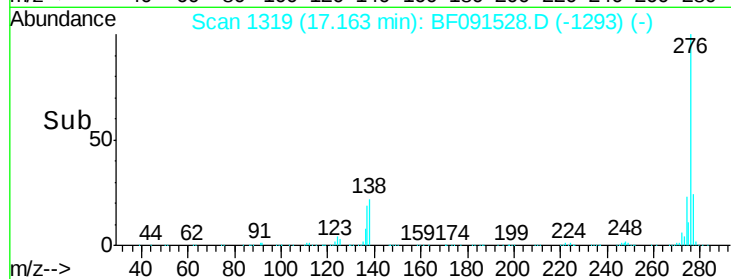
Tot Ion: 276 Resp: 1065855

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 21.6 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

