

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091319.D
 Acq On : 29 Nov 2016 11:25
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 12:22:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 12:14:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167362	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	640281	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	371117	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	601886	20.00	ng	0.00
75) Chrysene-d12	14.01	240	395513	20.00	ng	0.00
86) Perylene-d12	15.44	264	348317	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	803753	77.16	ng	0.00
7) Phenol-d6	6.49	99	945193	70.62	ng	0.00
23) Nitrobenzene-d5	7.43	82	881552	79.26	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	258428	69.05	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1634116	72.10	ng	0.00
78) Terphenyl-d14	12.97	244	1572629	90.81	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	179391	36.51	ng	89
3) Pyridine	3.19	79	520770	39.43	ng	87
4) n-Nitrosodimethylamine	3.13	42	265584	36.73	ng	98
6) Aniline	6.53	93	655290	38.30	ng	# 69
8) 2-Chlorophenol	6.65	128	438797	38.67	ng	98
9) Benzaldehyde	6.41	77	322290	44.50	ng	81
10) Phenol	6.50	94	568392	38.07	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	389770	35.51	ng	88
12) 1,3-Dichlorobenzene	7.04	146	444852	35.96	ng	95
13) 1,4-Dichlorobenzene	6.88	146	466821	36.87	ng	97
14) 1,2-Dichlorobenzene	6.88	146	466821	38.86	ng	97
15) Benzyl Alcohol	7.01	79	413014	39.74	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	888921	36.94	ng	71
17) 2-Methylphenol	7.12	107	358803	39.97	ng	# 76
18) Hexachloroethane	7.38	117	177293	39.33	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	284658	33.91	ng	# 95
20) 3+4-Methylphenols	7.27	107	386488	35.07	ng	# 76
22) Acetophenone	7.28	105	626821	43.39	ng	97
24) Nitrobenzene	7.45	77	471220	40.04	ng	# 75
25) Isophorone	7.69	82	819028	39.42	ng	98
26) 2-Nitrophenol	7.76	139	200161	42.41	ng	98
27) 2,4-Dimethylphenol	7.81	122	417589	42.16	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	445284	36.00	ng	99
29) 2,4-Dichlorophenol	8.00	162	329103	37.60	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	391963	38.87	ng	99
31) Naphthalene	8.17	128	1193364	38.75	ng	99
32) Benzoic acid	7.92	122	315156	40.40	ng	92
33) 4-Chloroaniline	8.22	127	488098	36.43	ng	95
34) Hexachlorobutadiene	8.30	225	246608	41.37	ng	98
35) Caprolactam	8.58	113	102839	38.11	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	368669	39.19	ng	97
37) 2-Methylnaphthalene	8.87	142	819961	38.79	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	365366	36.33	ng	99
40) Hexachlorocyclopentadiene	9.02	237	188921	41.97	ng	98

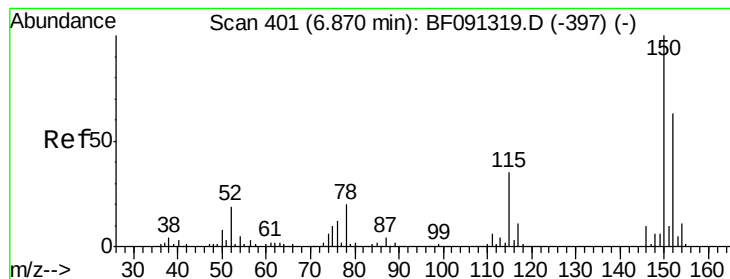
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091319.D
 Acq On : 29 Nov 2016 11:25
 Operator : UM/SJ
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Quant Time: Nov 29 12:22:45 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	268879	38.77	nq	95
43) 2,4,5-Trichlorophenol	9.18	196	272250	40.86	nq	94
45) 1,1'-Biphenyl	9.33	154	917630	34.30	nq	98
46) 2-Chloronaphthalene	9.35	162	695783	35.50	nq	98
47) 2-Nitroaniline	9.44	65	249867	37.57	nq	# 75
48) Acenaphthylene	9.77	152	1179094	37.54	nq	99
49) Dimethylphthalate	9.64	163	890635	38.44	nq	99
50) 2,6-Dinitrotoluene	9.69	165	205765	40.65	nq	# 60
51) Acenaphthene	9.94	154	840911	39.34	nq	96
52) 3-Nitroaniline	9.85	138	194635	35.77	nq	89
53) 2,4-Dinitrophenol	9.96	184	94149	51.28	nq	91
54) Dibenzofuran	10.12	168	1072185	35.66	nq	# 89
55) 4-Nitrophenol	10.00	139	160461	40.88	nq	94
56) 2,4-Dinitrotoluene	10.09	165	267965	41.84	nq	# 88
57) Fluorene	10.45	166	799277	34.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	233782	39.90	nq	92
59) Diethylphthalate	10.33	149	858224	36.81	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	389038	36.70	nq	91
61) 4-Nitroaniline	10.47	138	221813	43.69	nq	92
62) Azobenzene	10.61	77	934253	39.50	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	129220	47.34	nq	# 77
65) n-Nitrosodiphenylamine	10.56	169	678308	37.12	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	267940	40.73	nq	# 80
67) Hexachlorobenzene	11.00	284	253446	35.14	nq	# 72
68) Atrazine	11.09	200	204413	42.38	nq	98
69) Pentachlorophenol	11.19	266	178421	41.82	nq	95
70) Phenanthrene	11.41	178	1131492	36.24	nq	99
71) Anthracene	11.46	178	1293743	40.52	nq	99
72) Carbazole	11.61	167	1036888	36.49	nq	99
73) Di-n-butylphthalate	11.96	149	1314096	39.94	nq	100
74) Fluoranthene	12.60	202	1249163	39.33	nq	99
76) Benzidine	12.71	184	489642	63.88	nq	99
77) Pyrene	12.83	202	1301259	44.53	nq	99
79) Butylbenzylphthalate	13.44	149	448714	38.37	nq	# 84
80) Benzo(a)anthracene	14.00	228	913671	40.70	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	311747	42.11	nq	# 98
82) Chrysene	14.05	228	947739	44.68	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	591024	40.59	nq	# 92
84) Di-n-octyl phthalate	14.62	149	885676	38.65	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	881820	48.27	nq	96
87) Benzo(b)fluoranthene	15.07	252	1574196	71.64	nq	# 96
88) Benzo(k)fluoranthene	15.07	252	1575100	87.77	nq	# 95
89) Benzo(a)pyrene	15.39	252	740392	39.61	nq	# 96
90) Dibenzo(a,h)anthracene	16.87	278	742284	43.01	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	782617	45.72	nq	99

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

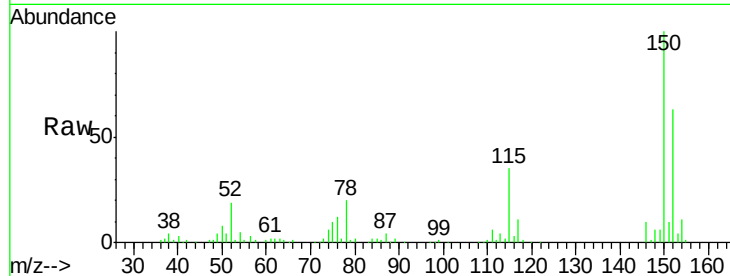


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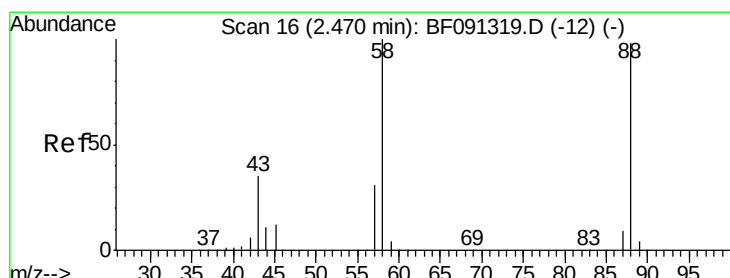
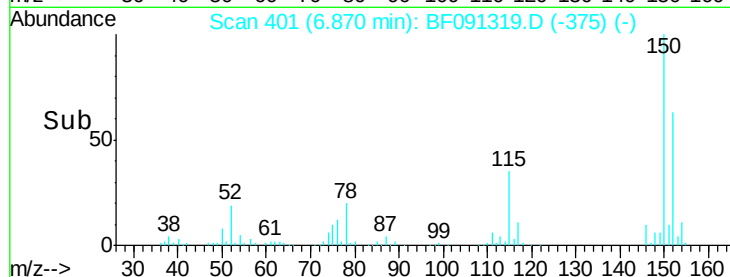
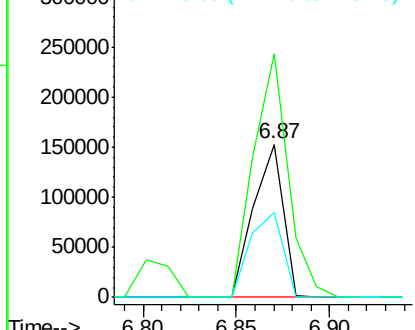
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167362
Ion Ratio Lower Upper
152 100
150 159.0 122.5 183.7
115 55.1 51.8 77.8



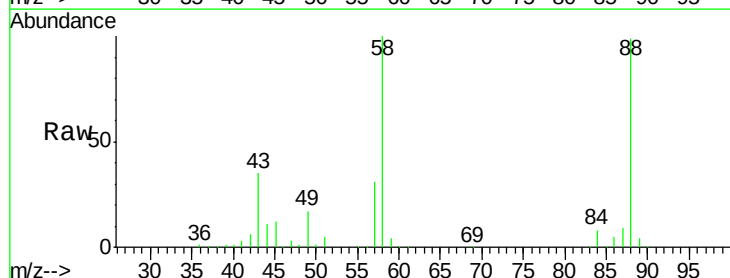
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



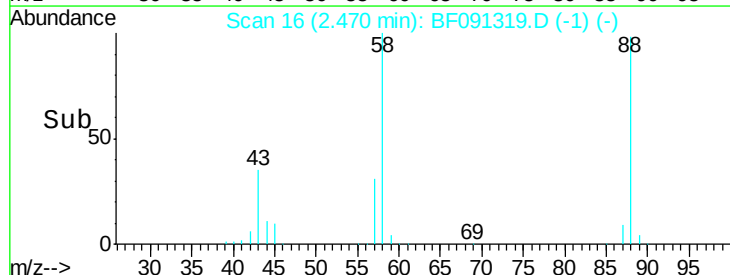
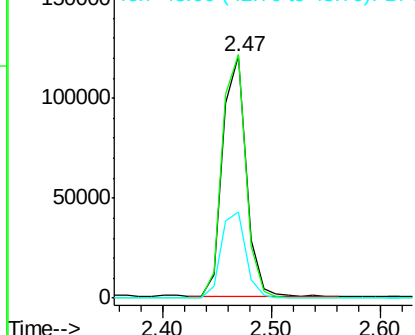
#2

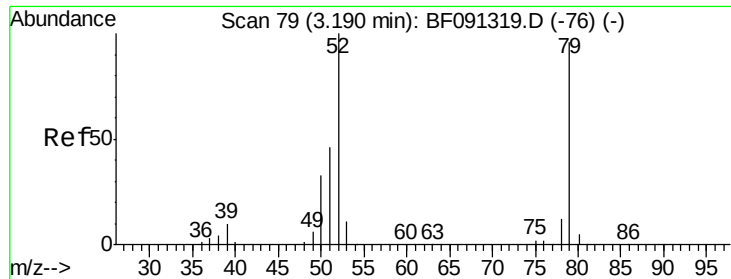
1,4-Dioxane
Concen: 36.51 ng
RT: 2.47 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion: 88 Resp: 179391
Ion Ratio Lower Upper
88 100
58 102.4 70.3 105.5
43 38.0 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: 39.43 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

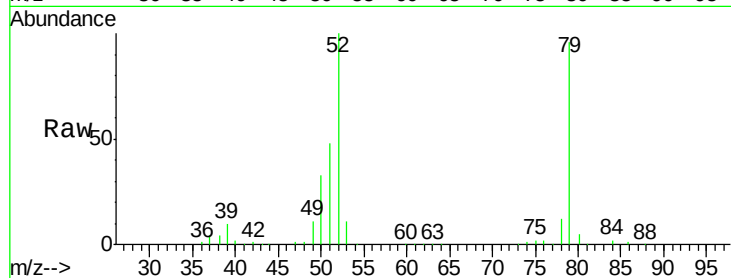
Tot Ion: 79 Resp: 520770

Ion Ratio Lower Upper

79 100

52 104.1 71.0 106.4

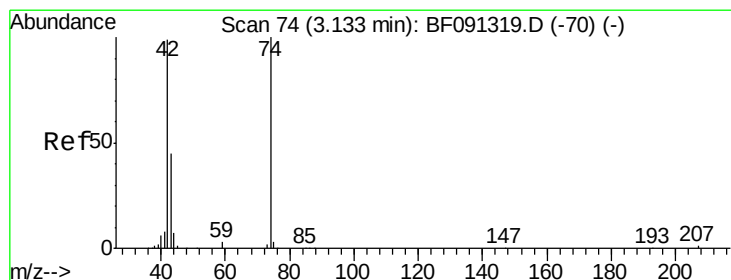
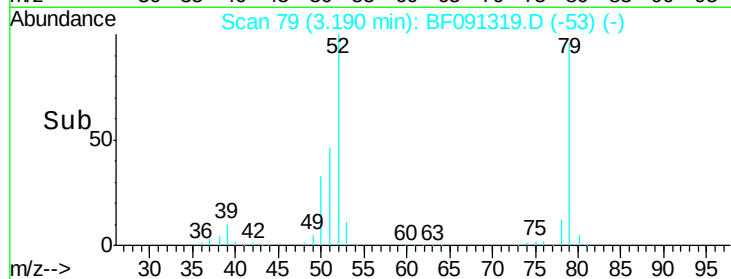
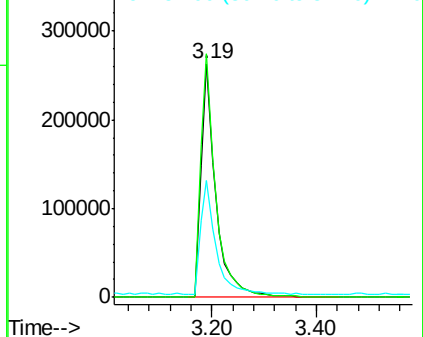
51 49.9 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.73 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

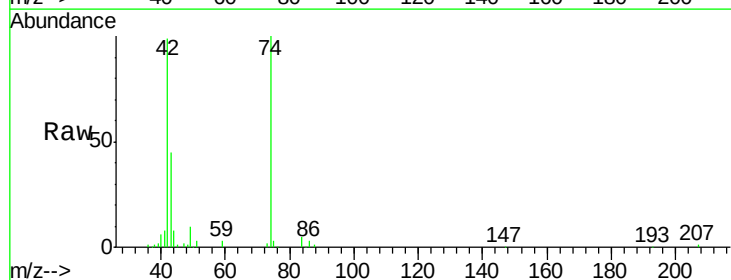
Tgt Ion: 42 Resp: 265584

Ion Ratio Lower Upper

42 100

74 100.7 78.9 118.3

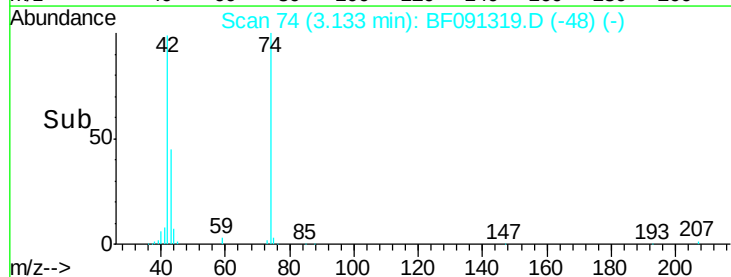
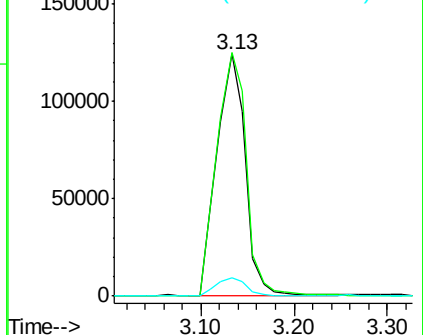
44 7.6 5.8 8.6

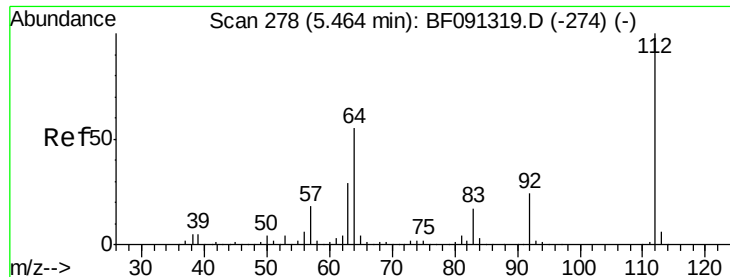


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.16 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF091319.D

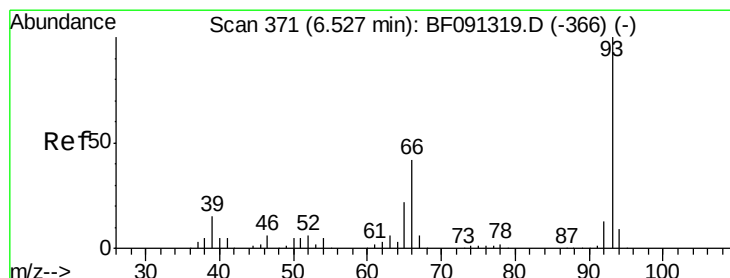
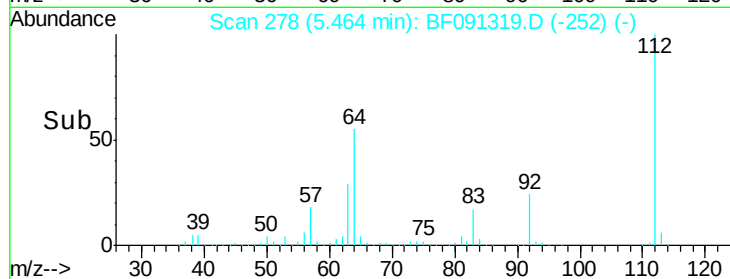
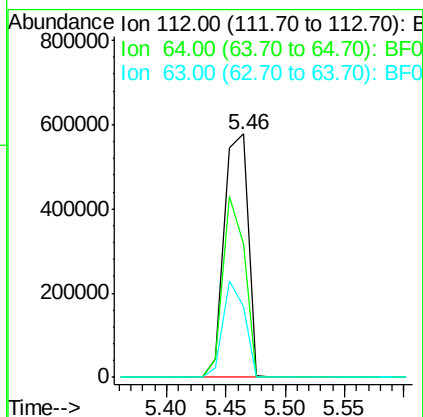
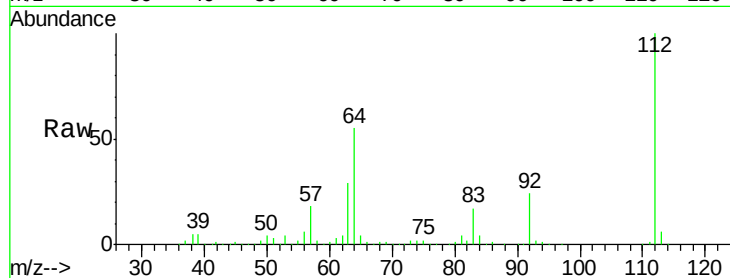
Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	803753
Ion	Ratio	Lower	Upper
112	100		
64	54.9	61.5	92.3#
63	29.0	33.3	49.9#



#6

Aniline

Concen: 38.30 ng

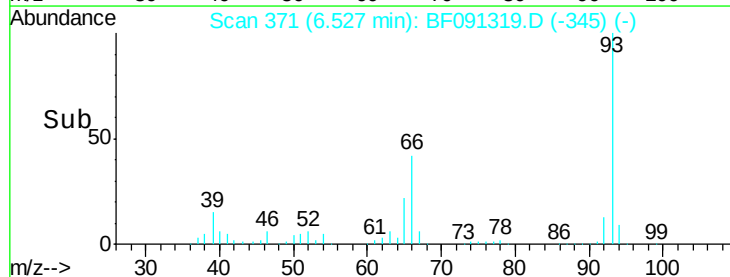
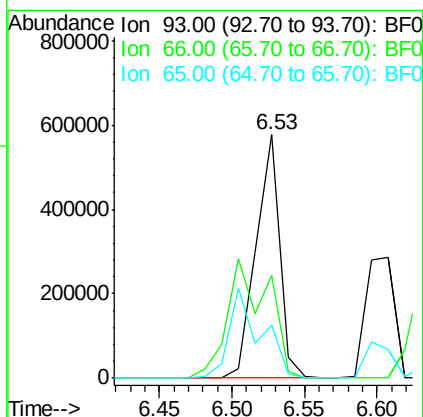
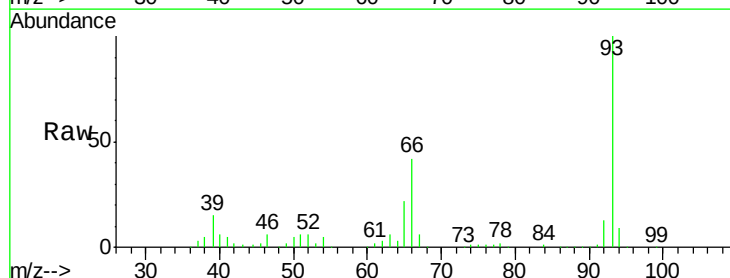
RT: 6.53 min Scan# 371

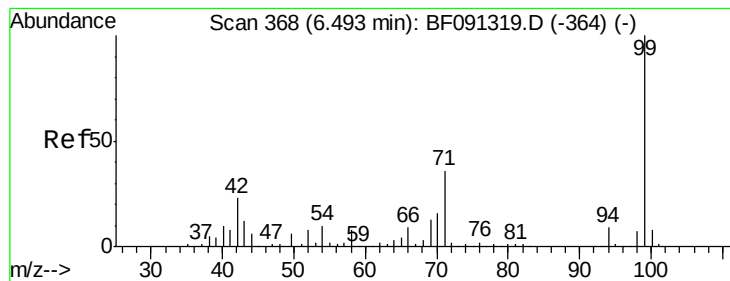
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:	93	Resp:	655290
Ion	Ratio	Lower	Upper
93	100		
66	42.5	55.8	83.6#
65	21.9	29.9	44.9#





#7

Phenol-d6

Concen: 70.62 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampled :

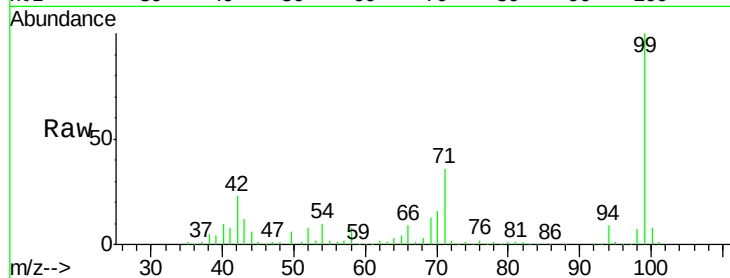
Tot Ion: 99 Resp: 945193

Ion Ratio Lower Upper

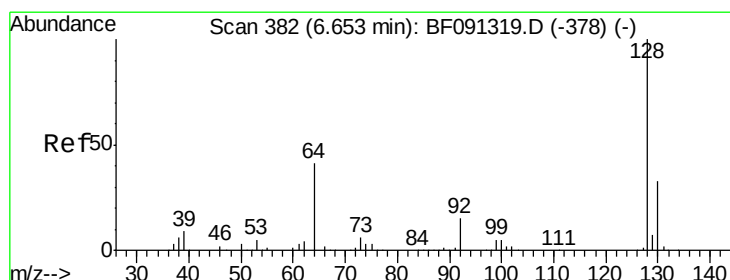
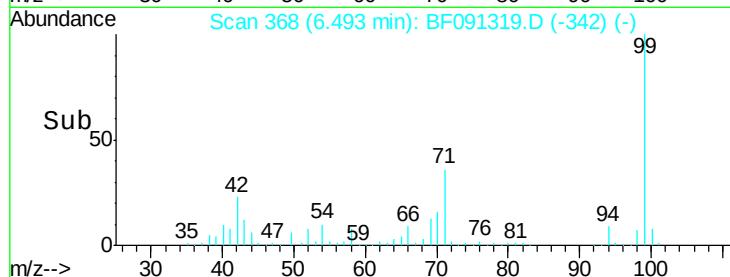
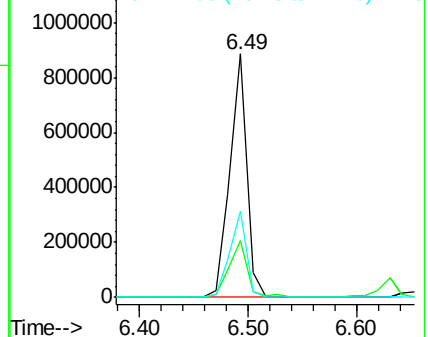
99 100

42 23.1 20.6 31.0

71 35.5 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: 38.67 ng

RT: 6.65 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

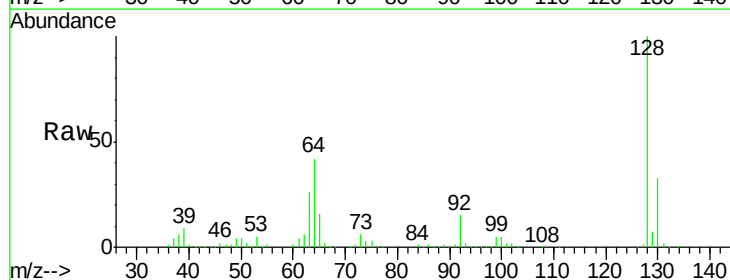
Tgt Ion: 128 Resp: 438797

Ion Ratio Lower Upper

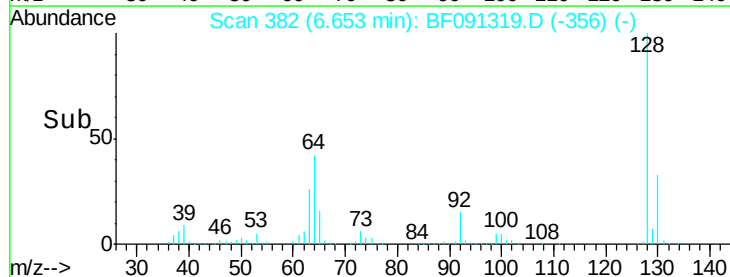
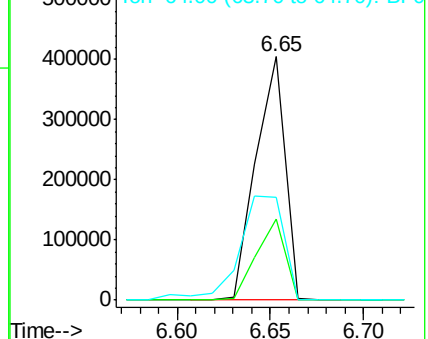
128 100

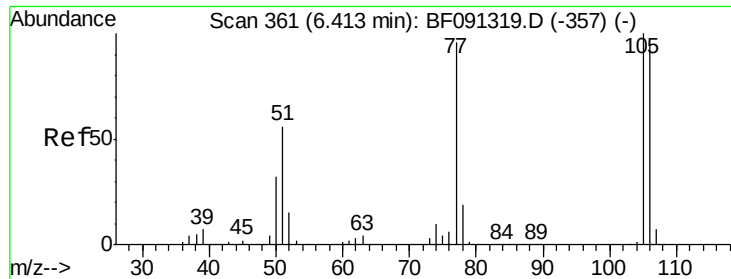
130 33.4 13.1 53.1

64 42.3 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

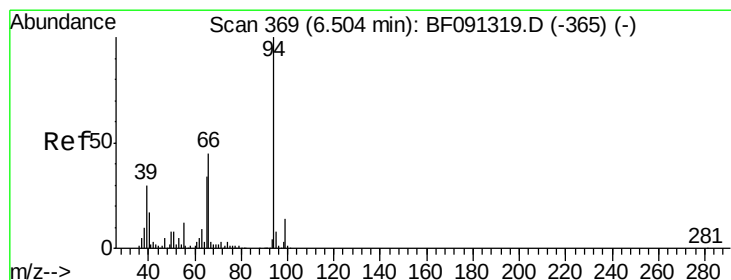
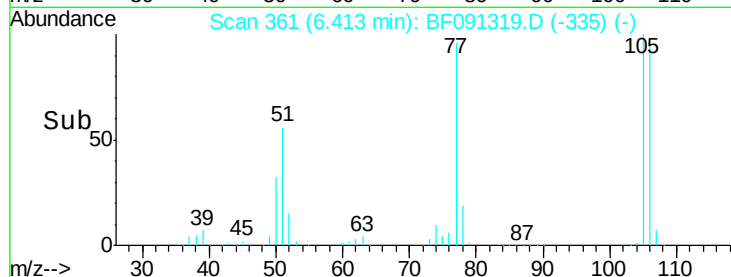
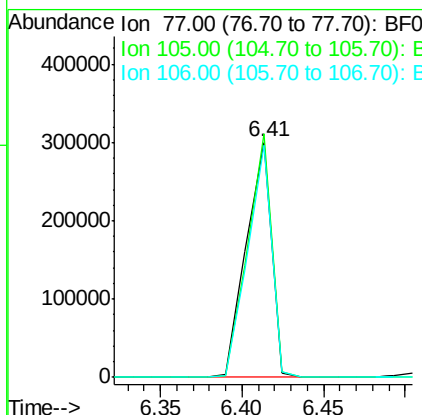
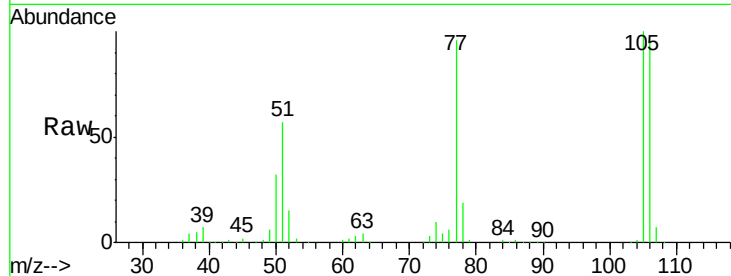




#9
Benzaldehyde
Concen: 44.50 ng
RT: 6.41 min Scan# 361
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

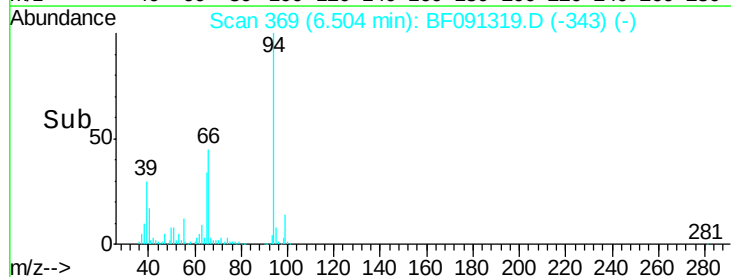
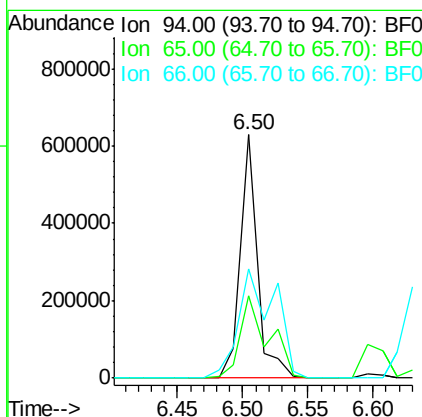
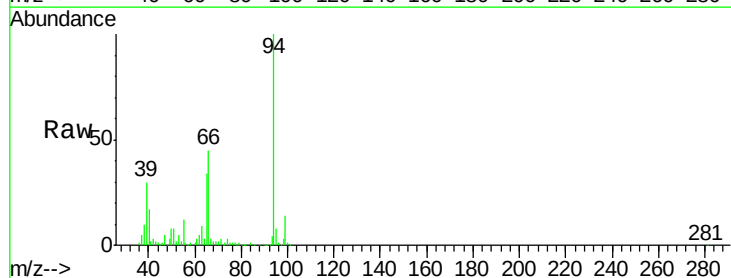
Instrument :
BNA_F
ClientSampled :

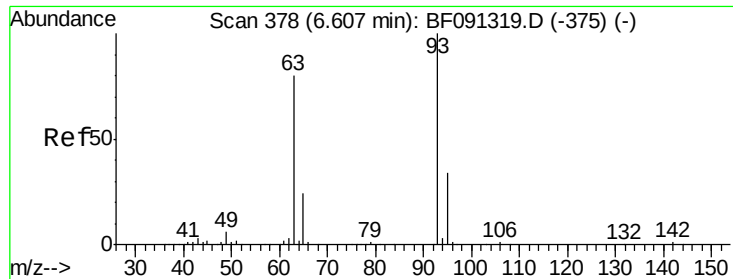
Tot Ion: 77 Resp: 322290
Ion Ratio Lower Upper
77 100
105 103.7 66.4 106.4
106 98.8 60.9 100.9



#10
Phenol
Concen: 38.07 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion: 94 Resp: 568392
Ion Ratio Lower Upper
94 100
65 33.9 16.9 56.9
66 44.9 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 35.51 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

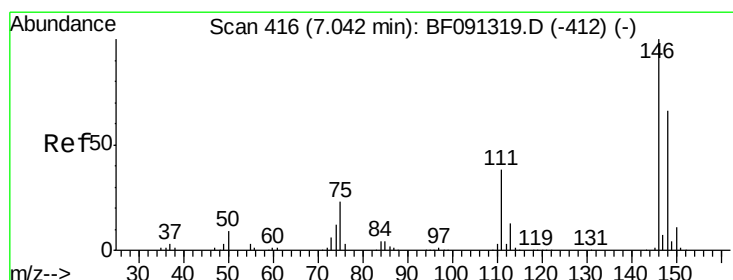
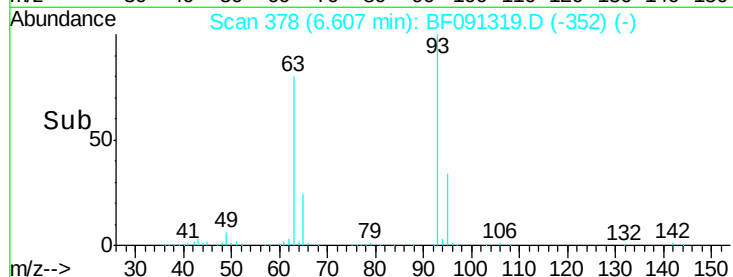
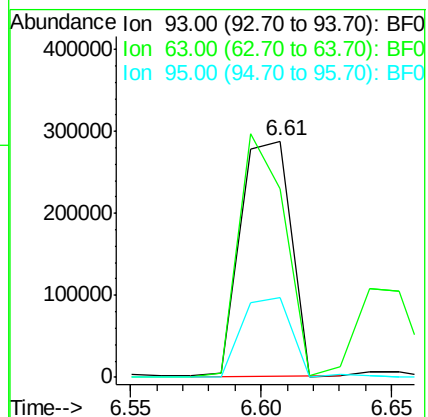
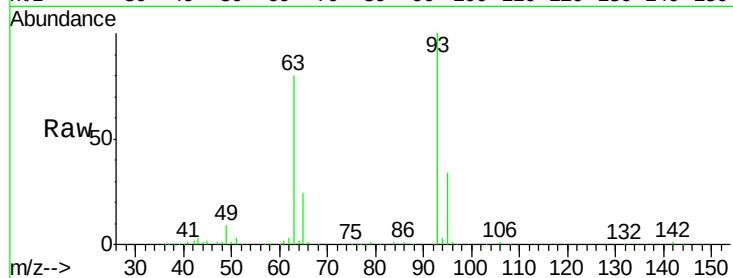
Tot Ion: 93 Resp: 389770

Ion Ratio Lower Upper

93 100

63 79.9 74.8 114.8

95 34.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.96 ng

RT: 7.04 min Scan# 416

Delta R.T. 0.24 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

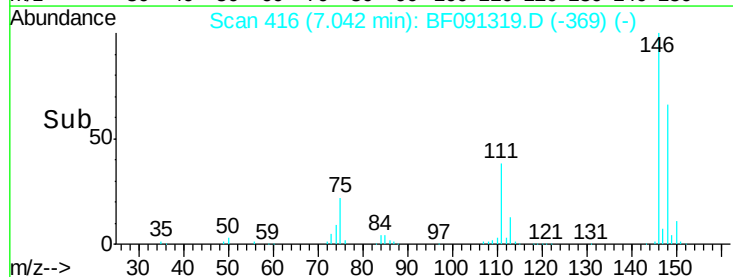
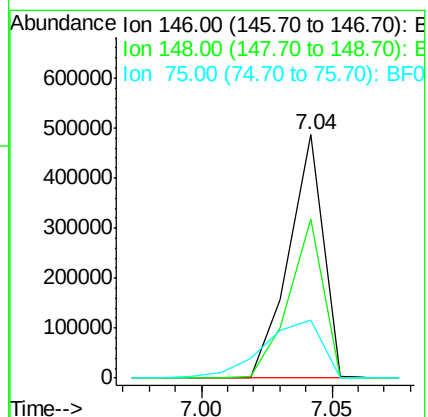
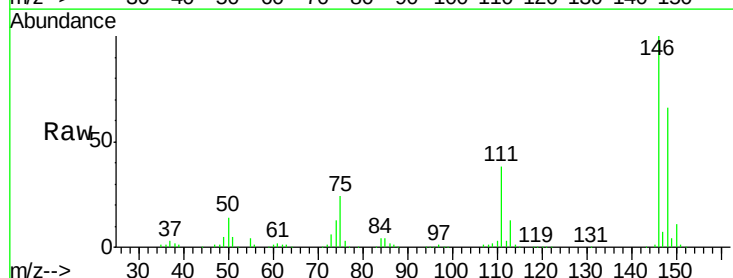
Tgt Ion: 146 Resp: 444852

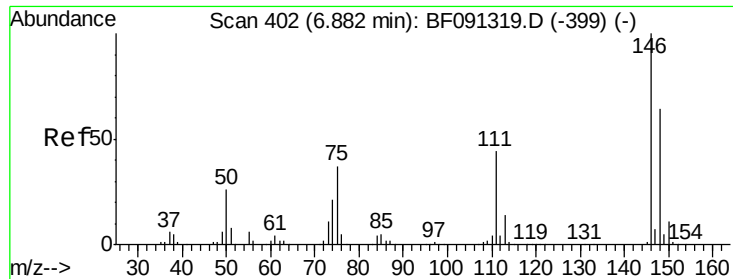
Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.0

75 23.9 23.6 35.4

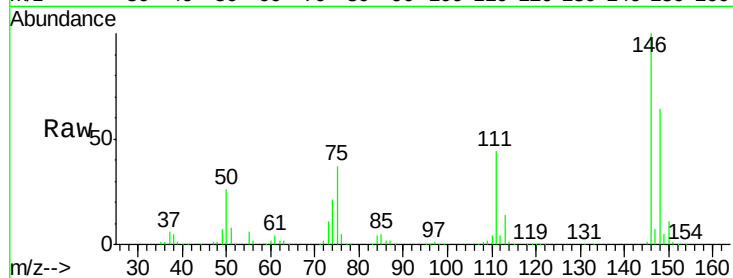




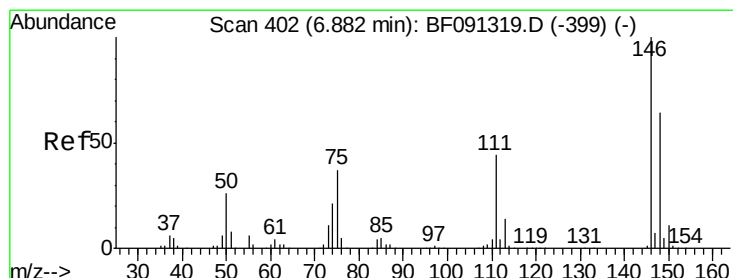
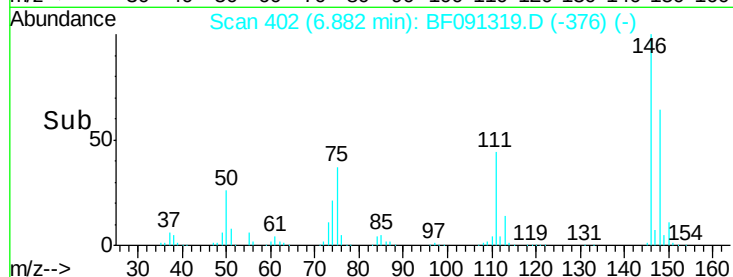
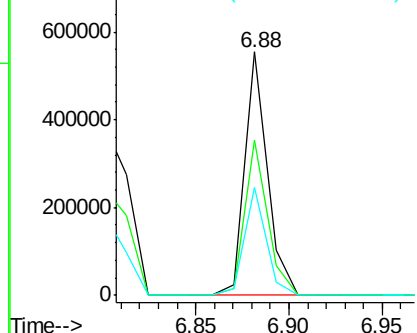
#13
1,4-Dichlorobenzene
Concen: 36.87 ng
RT: 6.88 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 466821
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 44.3 32.2 48.2

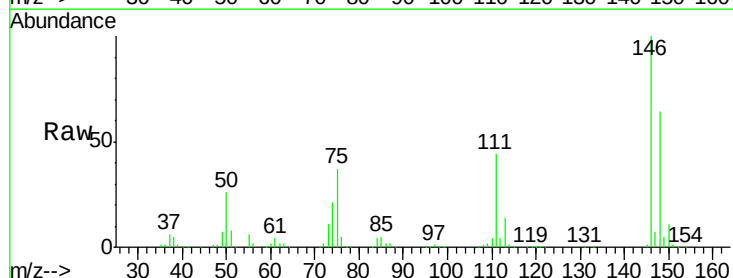


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

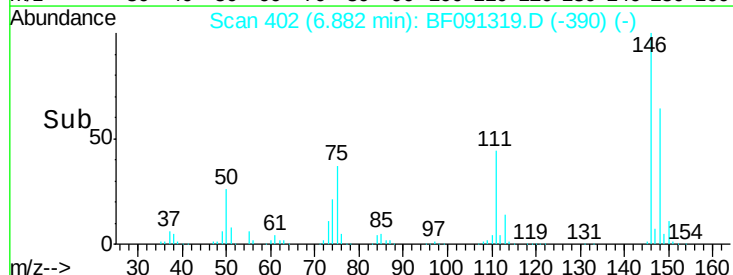
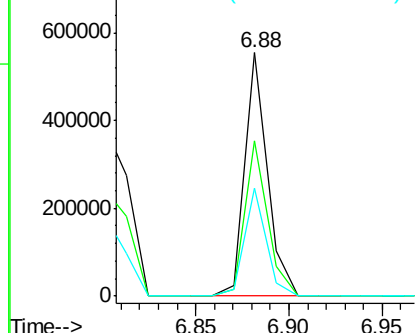


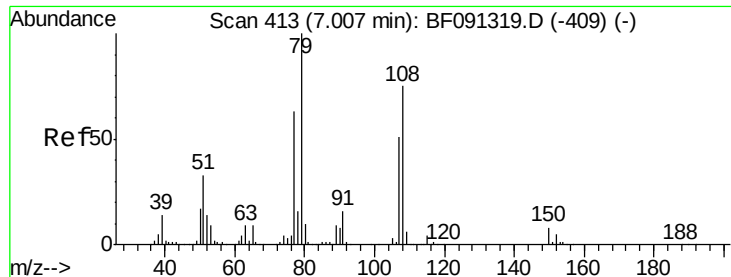
#14
1,2-Dichlorobenzene
Concen: 38.86 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.16 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:146 Resp: 466821
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 44.3 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.74 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampled :

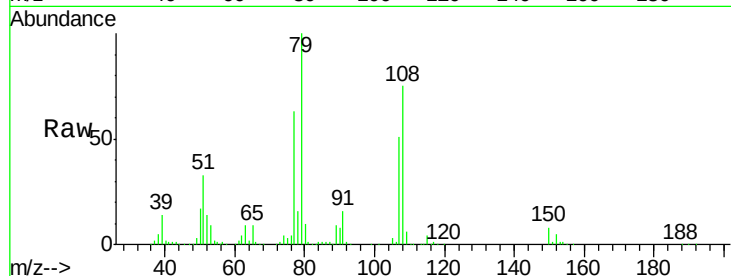
Tot Ion: 79 Resp: 413014

Ion Ratio Lower Upper

79 100

108 74.7 62.7 94.1

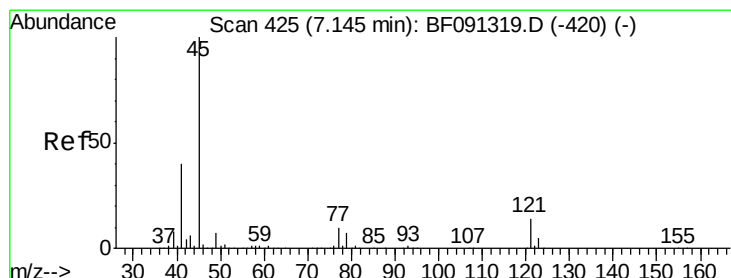
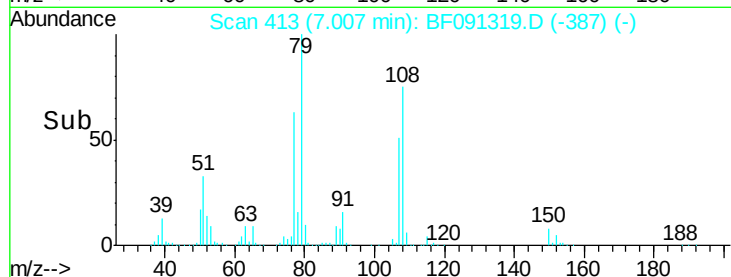
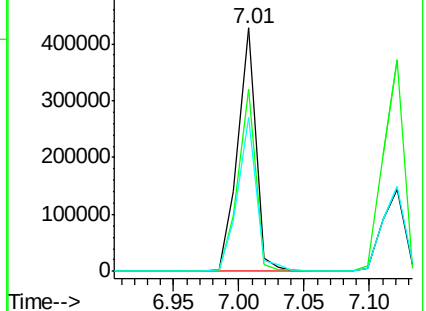
77 63.1 51.7 77.5



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: 36.94 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

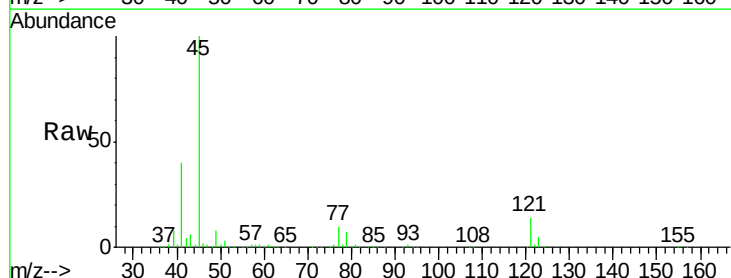
Tgt Ion: 45 Resp: 888921

Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

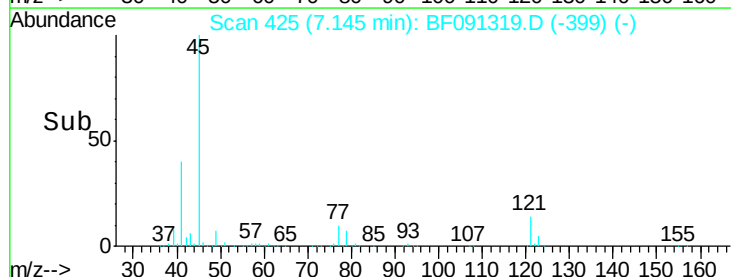
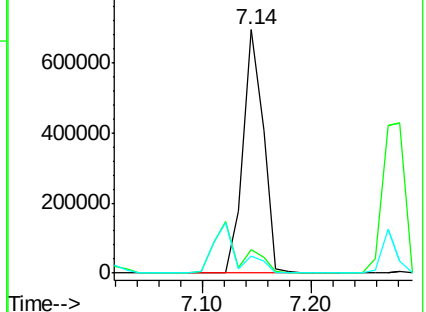
79 7.1 0.2 40.2

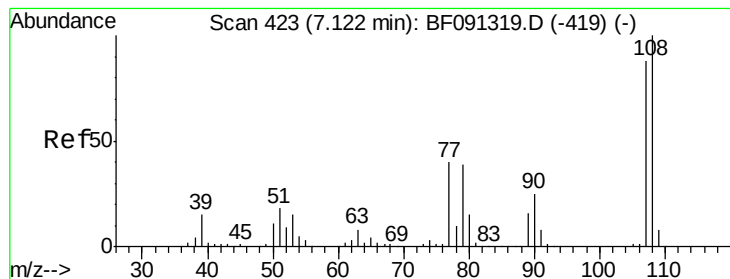


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

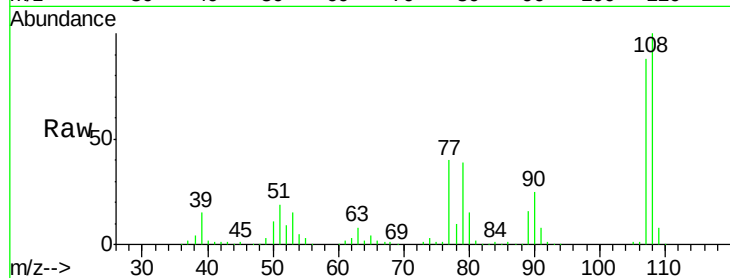




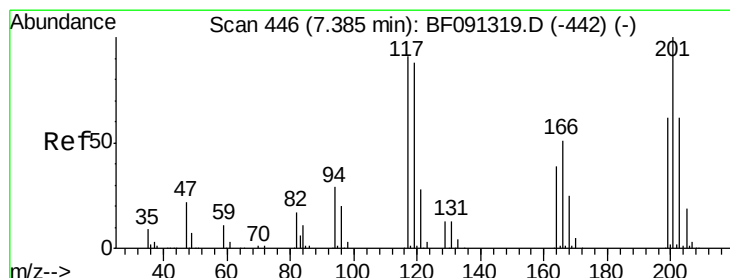
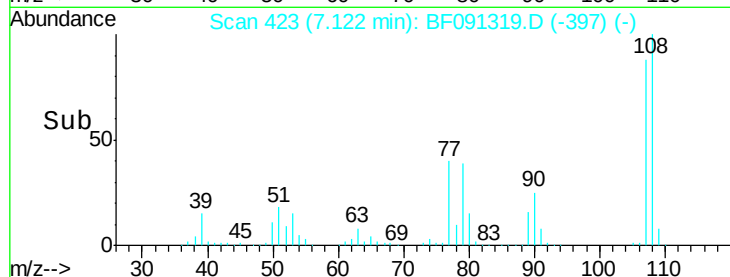
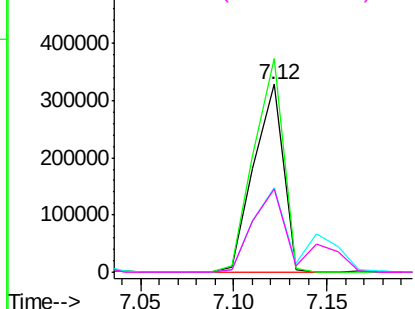
#17
2-Methylphenol
Concen: 39.97 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 358803
Ion Ratio Lower Upper
107 100
108 113.7 67.7 101.5#
77 45.3 40.7 61.1
79 44.1 23.4 35.2#

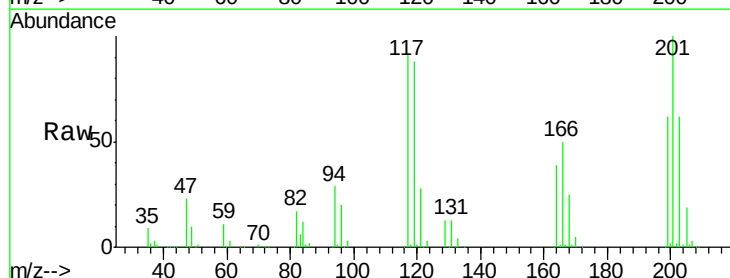


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

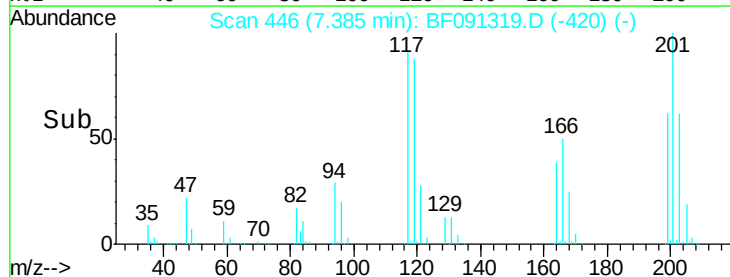
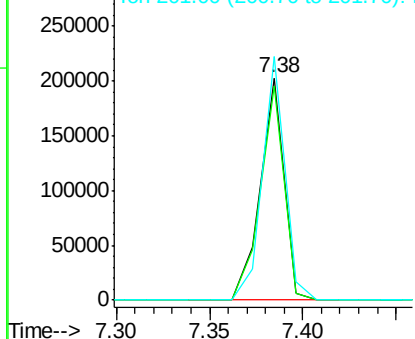


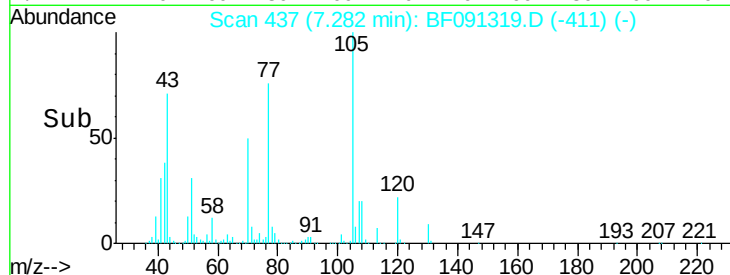
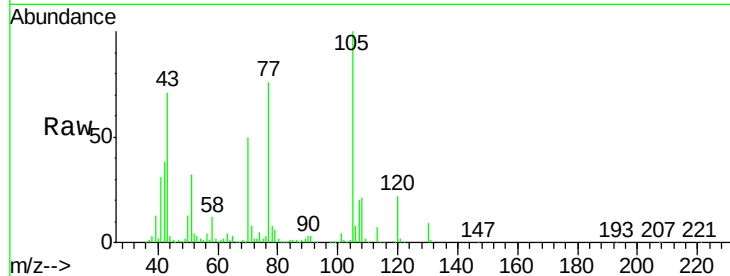
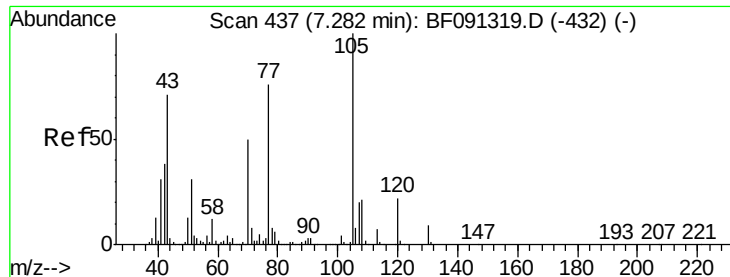
#18
Hexachloroethane
Concen: 39.33 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:117 Resp: 177293
Ion Ratio Lower Upper
117 100
119 96.3 78.6 118.0
201 109.5 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

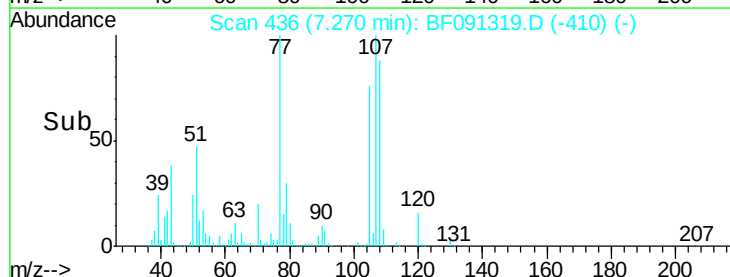
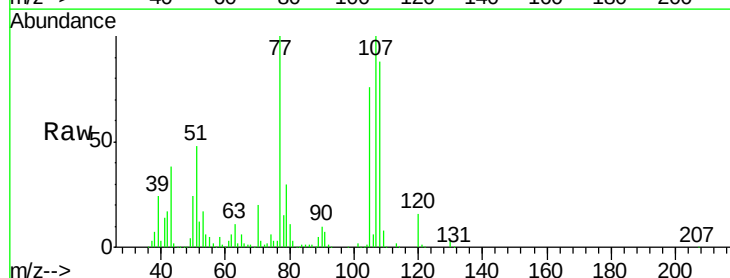
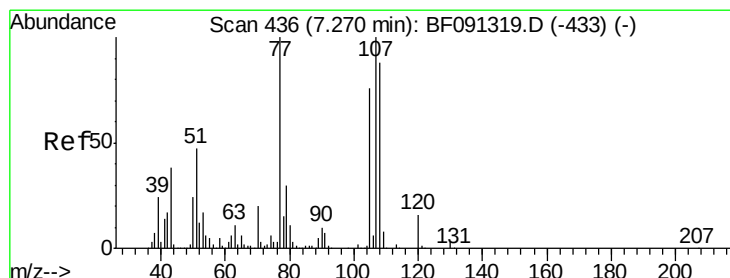
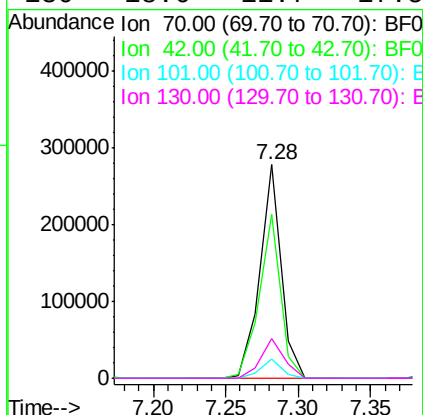




#19
n-Nitroso-di-n-propylamine
Concen: 33.91 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

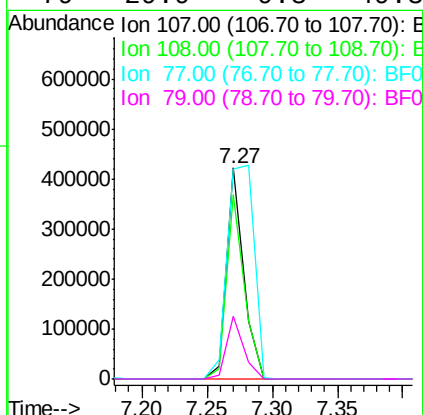
Instrument :
BNA_F
ClientSampleId :

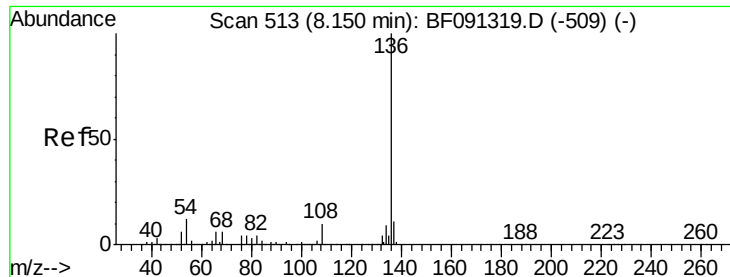
Tot Ion: 70 Resp: 284658
Ion Ratio Lower Upper
70 100
42 76.9 64.8 97.2
101 8.8 6.2 9.4
130 18.6 11.7 17.5#



#20
3+4-Methylphenols
Concen: 35.07 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:107 Resp: 386488
Ion Ratio Lower Upper
107 100
108 87.7 64.6 104.6
77 99.5 30.9 70.9#
79 29.9 9.3 49.3

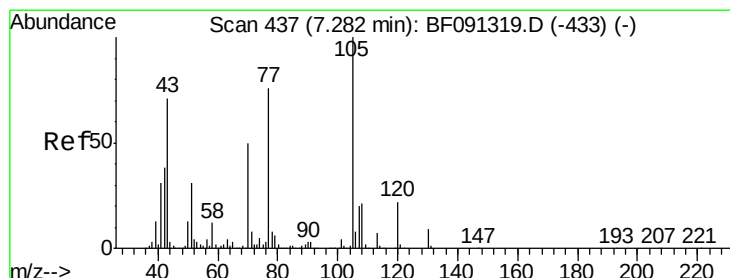
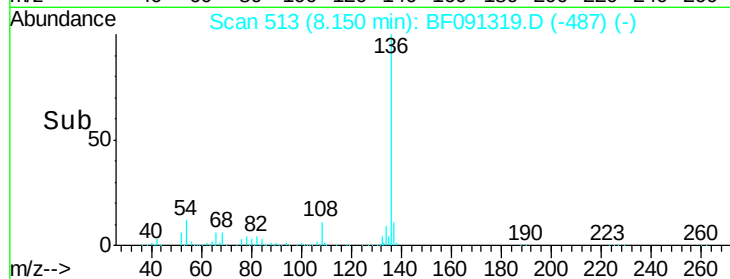
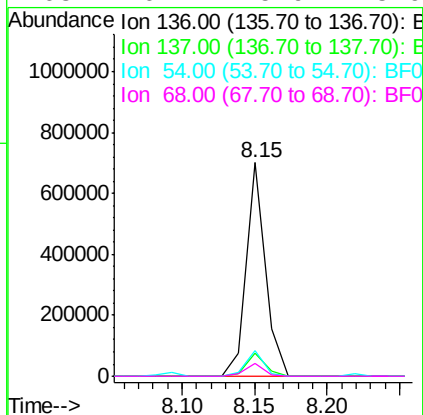
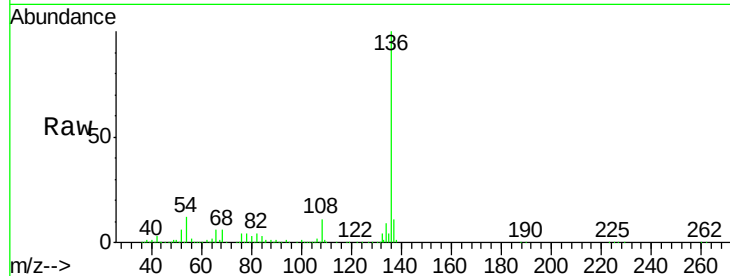




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

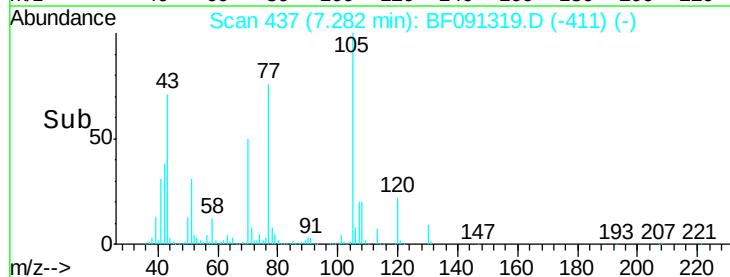
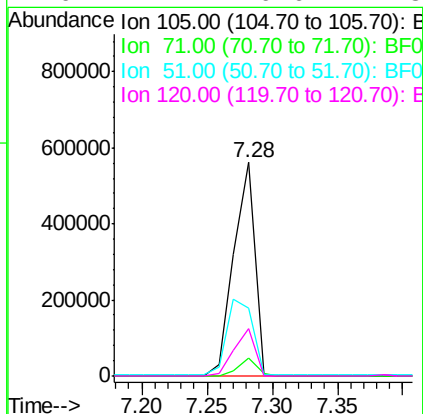
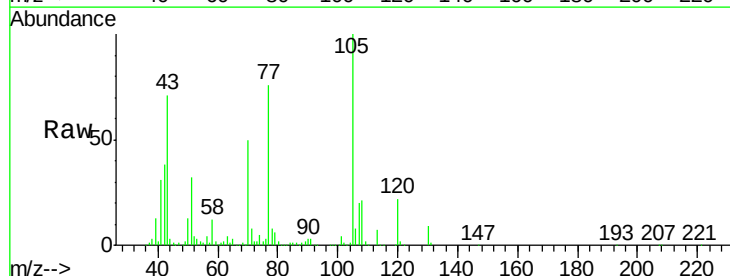
Instrument :
BNA_F
ClientSampled :

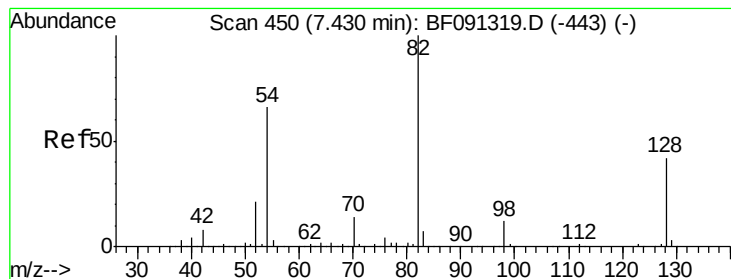
Tot Ion:136	Resp: 640281
Ion Ratio	Lower Upper
136 100	
137 10.7	9.1 13.7
54 12.2	9.1 13.7
68 6.2	5.9 8.9



#22
Acetophenone
Concen: 43.39 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:105	Resp: 626821
Ion Ratio	Lower Upper
105 100	
71 8.3	7.9 11.9
51 31.7	24.5 36.7
120 22.1	16.6 24.8





#23

Nitrobenzene-d5

Concen: 79.26 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

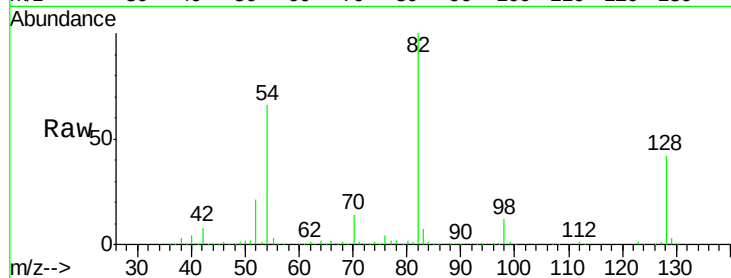
Tot Ion: 82 Resp: 881552

Ion Ratio Lower Upper

82 100

128 42.3 31.8 47.6

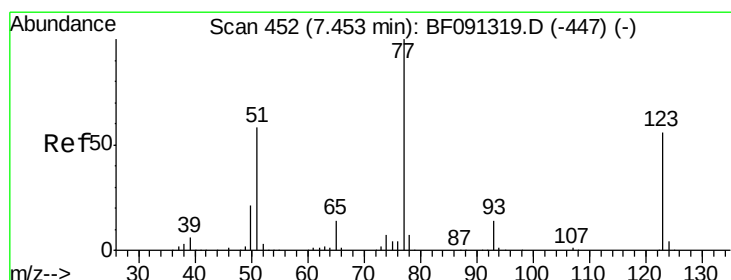
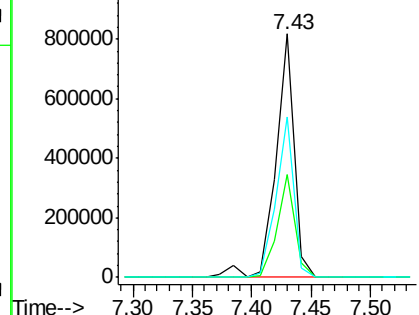
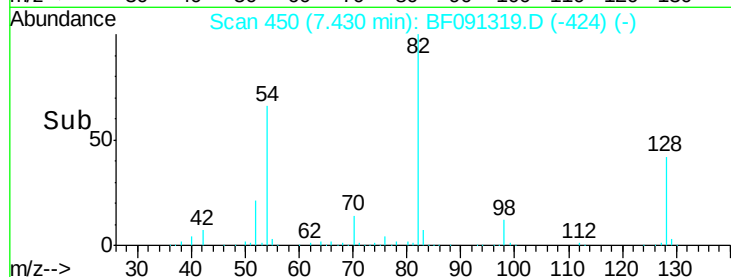
54 66.0 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.04 ng

RT: 7.45 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

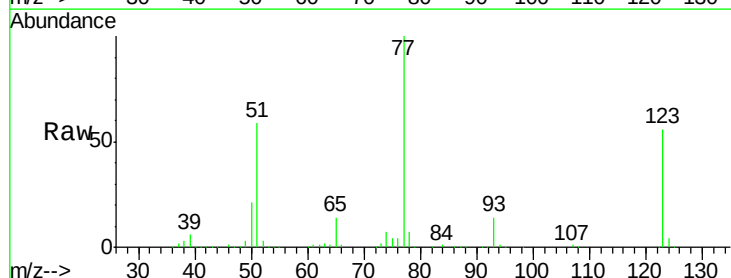
Tgt Ion: 77 Resp: 471220

Ion Ratio Lower Upper

77 100

123 56.0 28.5 42.7#

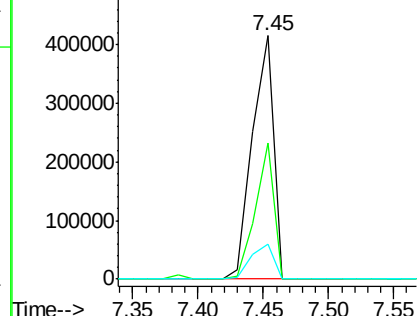
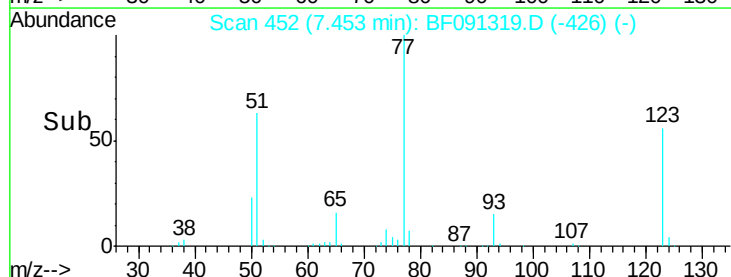
65 14.4 12.5 18.7

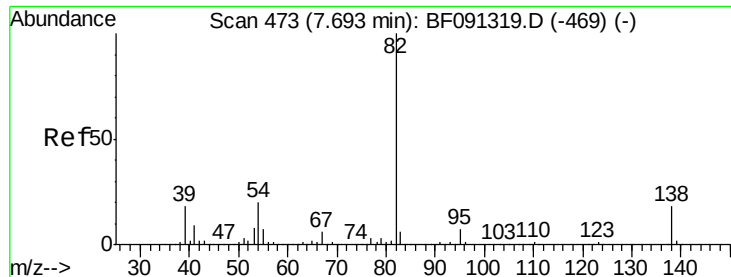


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.42 ng

RT: 7.69 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

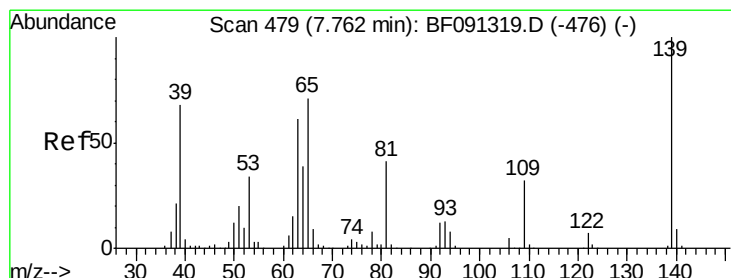
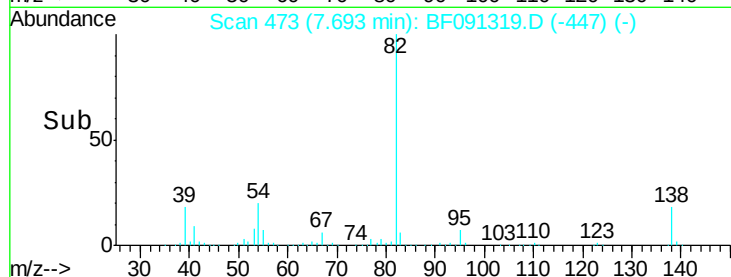
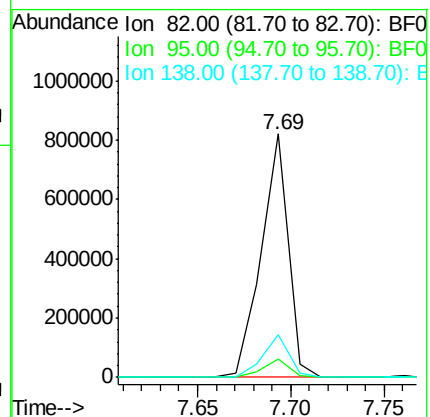
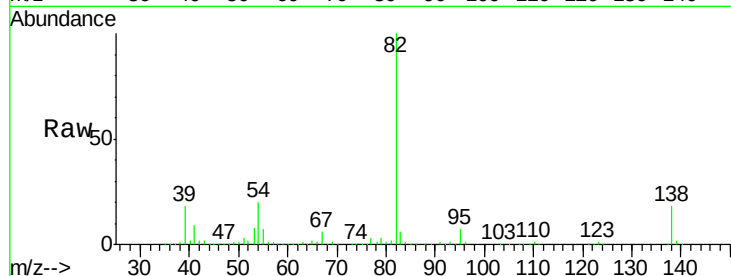
Tot Ion: 82 Resp: 819028

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 17.7 13.4 20.0



#26

2-Nitrophenol

Concen: 42.41 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

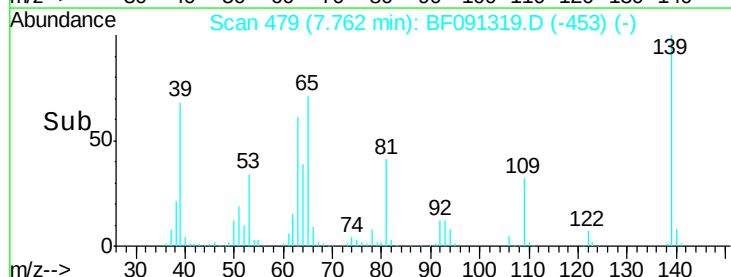
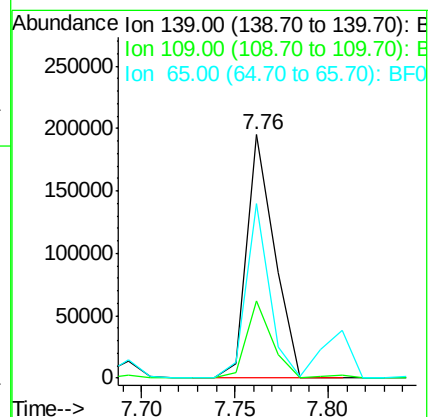
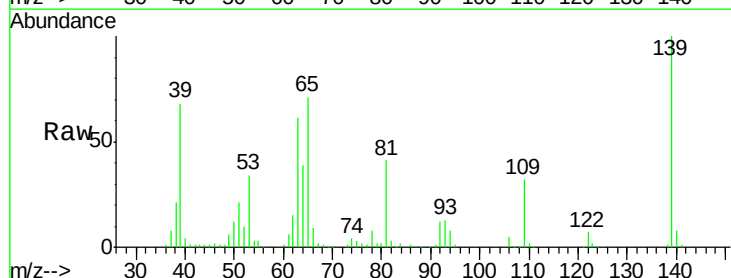
Tgt Ion: 139 Resp: 200161

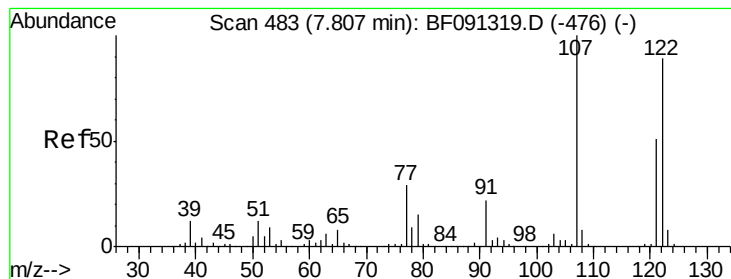
Ion Ratio Lower Upper

139 100

109 31.7 25.3 37.9

65 71.5 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 42.16 ng

RT: 7.81 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

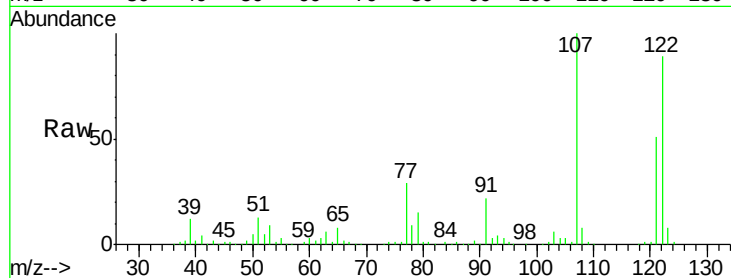
Tot Ion:122 Resp: 417589

Ion Ratio Lower Upper

122 100

107 112.1 96.8 145.2

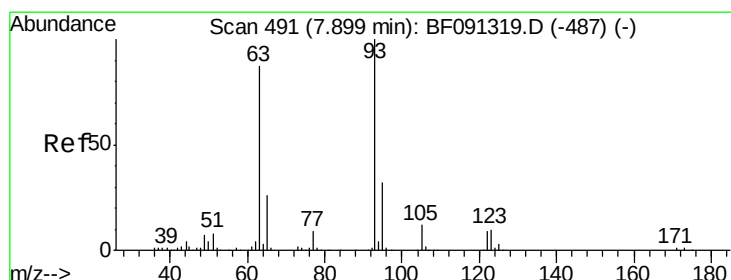
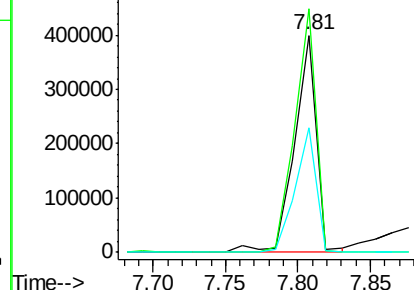
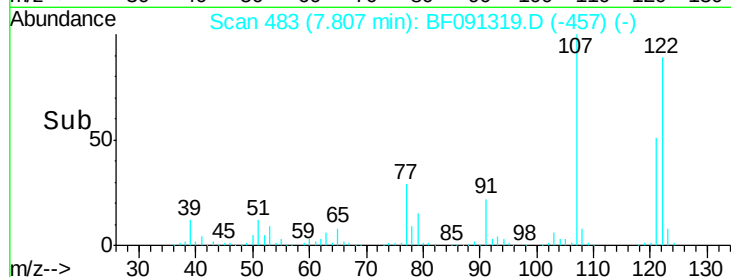
121 57.3 47.7 71.5



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: 36.00 ng

RT: 7.90 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

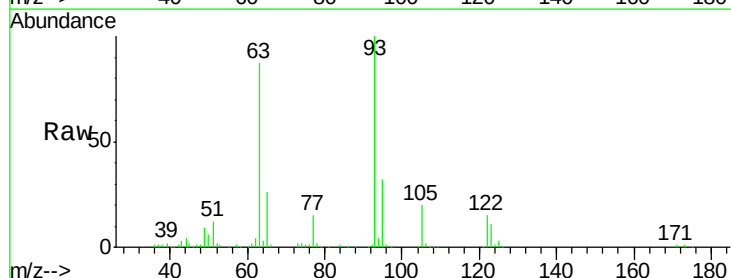
Tgt Ion: 93 Resp: 445284

Ion Ratio Lower Upper

93 100

95 31.6 26.0 39.0

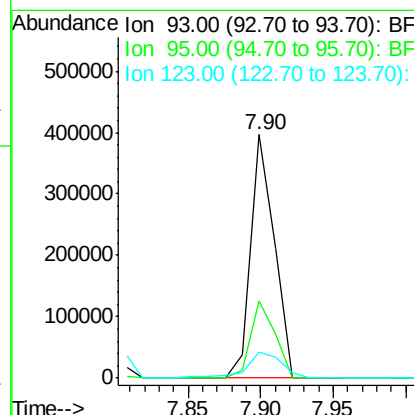
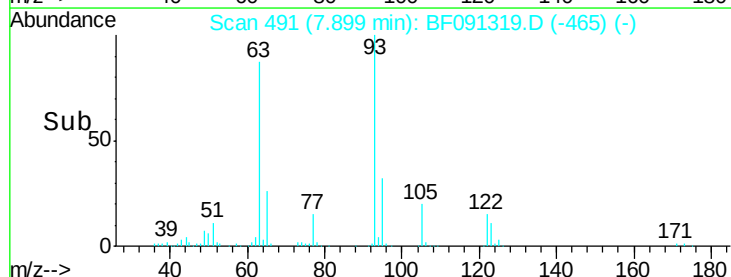
123 10.8 8.6 12.8

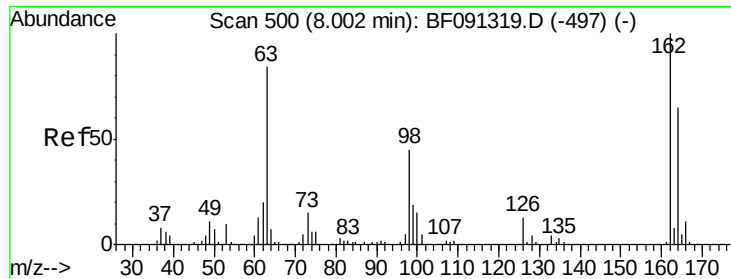


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

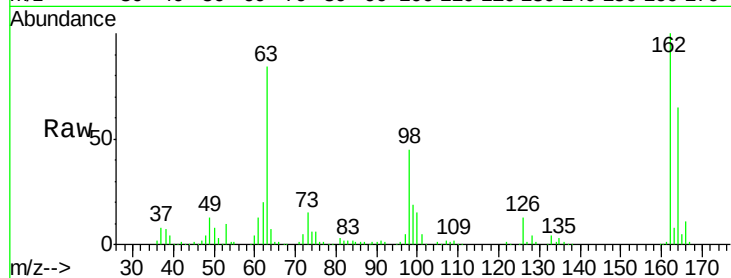




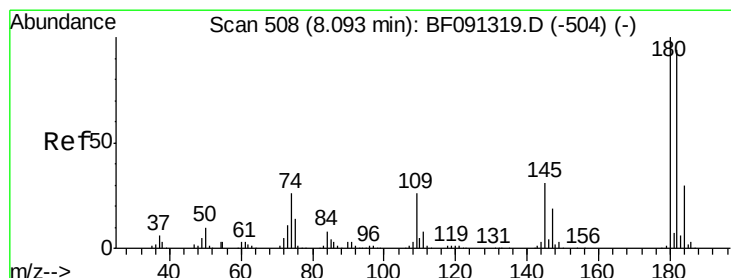
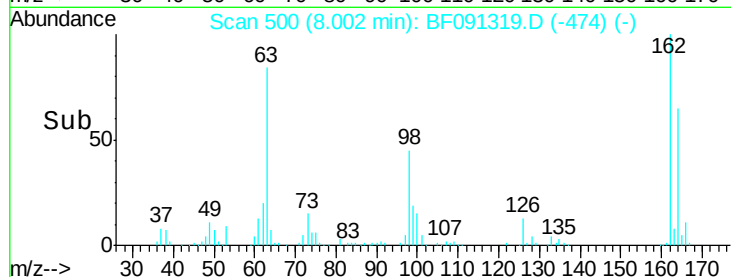
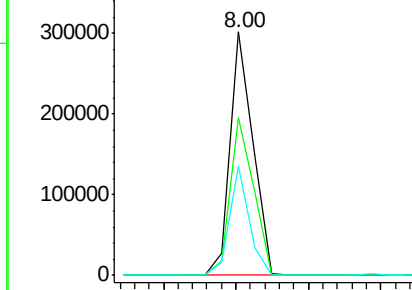
#29
 2,4-Dichlorophenol
 Concen: 37.60 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.0	85.0
98	44.7	21.3	61.3

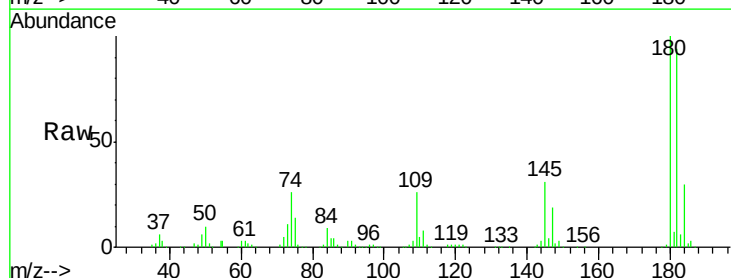


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

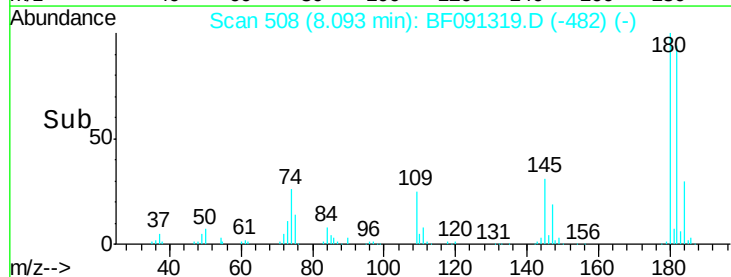
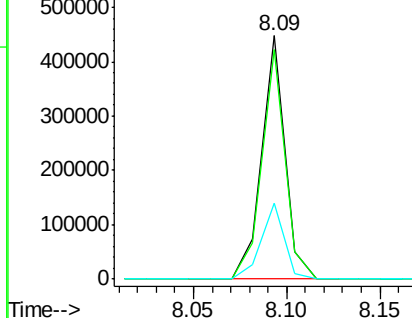


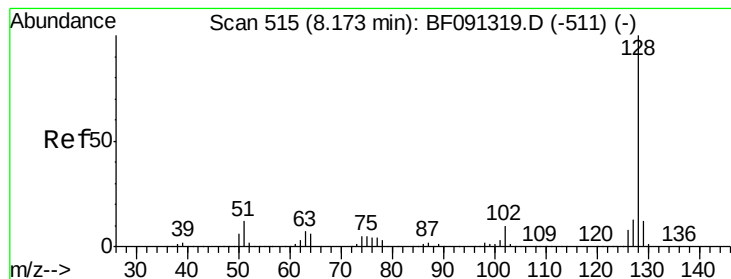
#30
 1,2,4-Trichlorobenzene
 Concen: 38.87 ng
 RT: 8.09 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.8
145	31.3	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: 38.75 ng

RT: 8.17 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

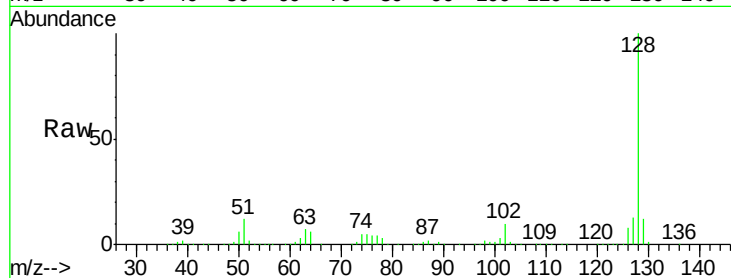
Tot Ion:128 Resp: 1193364

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

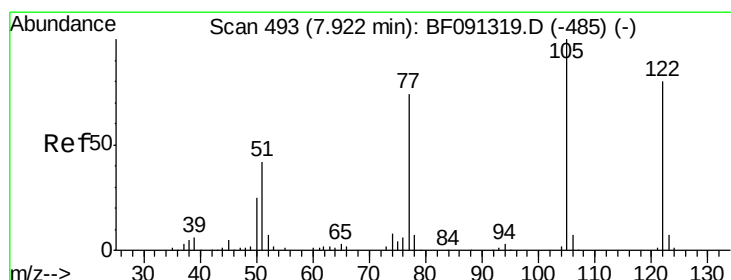
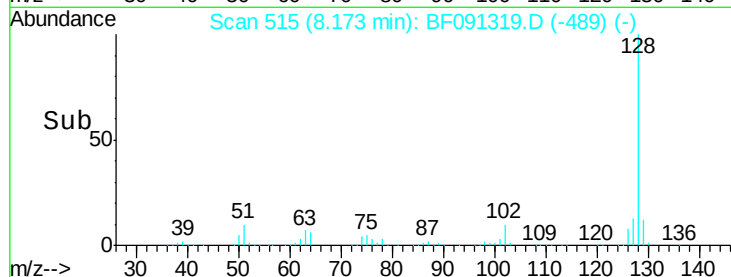
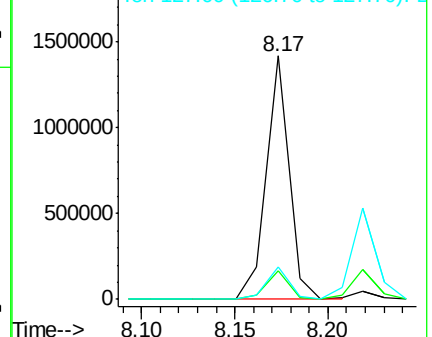
127 13.4 11.0 16.4



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: 40.40 ng

RT: 7.92 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

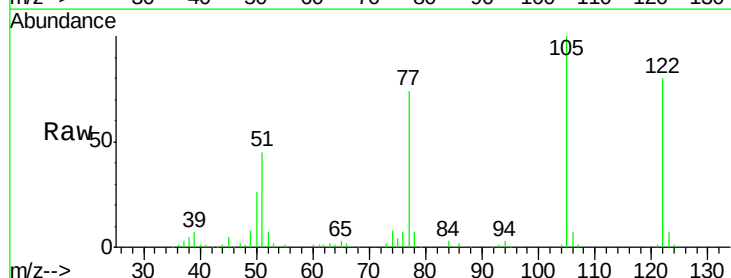
Tgt Ion:122 Resp: 315156

Ion Ratio Lower Upper

122 100

105 125.0 113.0 153.0

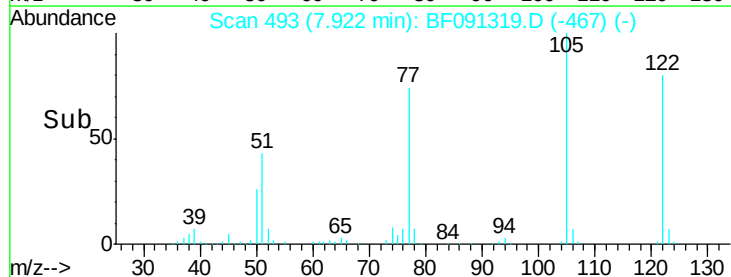
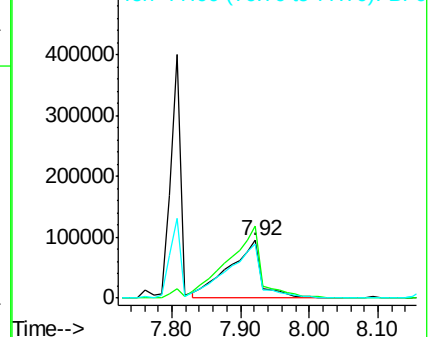
77 92.9 82.0 122.0

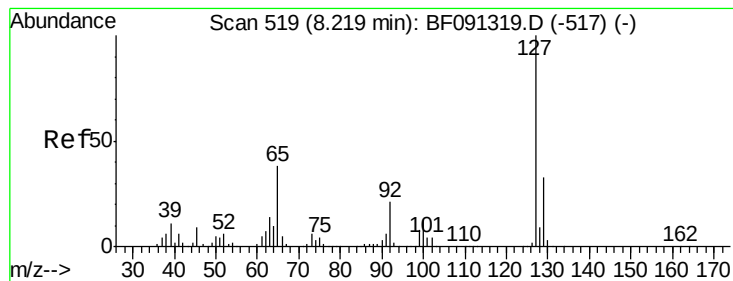


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.43 ng

RT: 8.22 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 488098

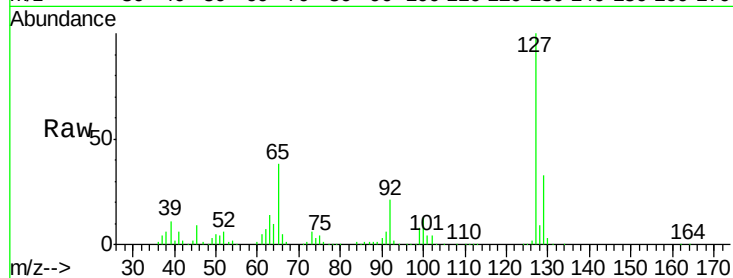
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 38.3 26.6 39.8

92 21.2 15.4 23.0

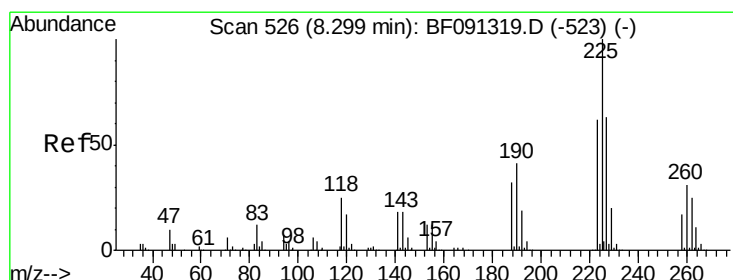
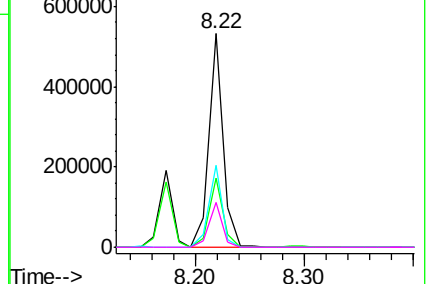
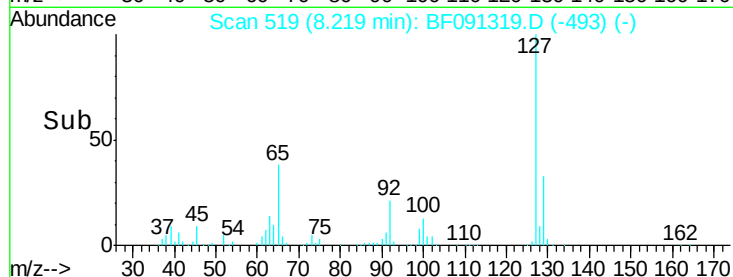


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.37 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

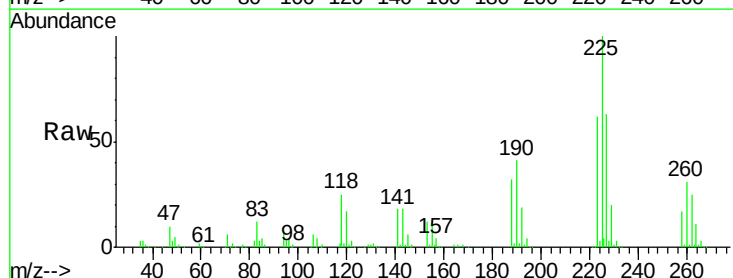
Tgt Ion:225 Resp: 246608

Ion Ratio Lower Upper

225 100

223 61.7 49.8 74.6

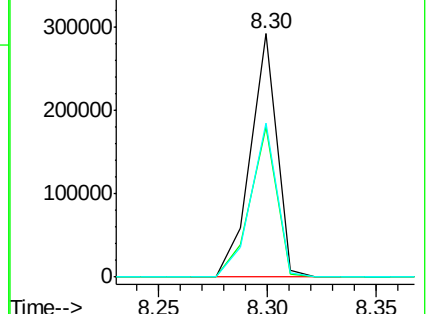
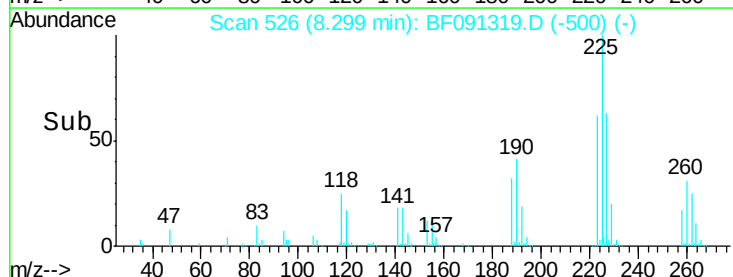
227 63.4 52.6 79.0

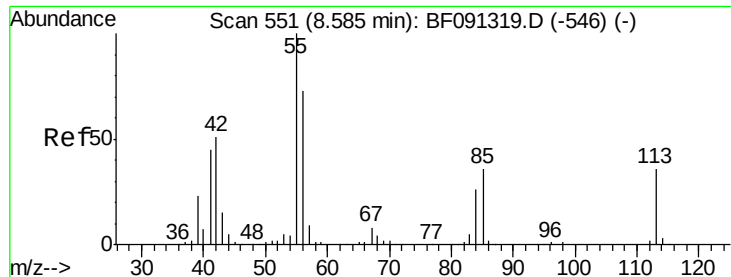


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

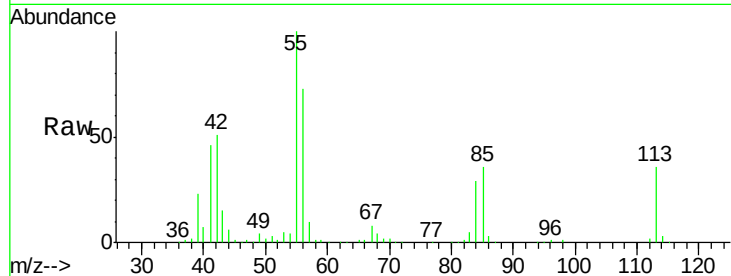




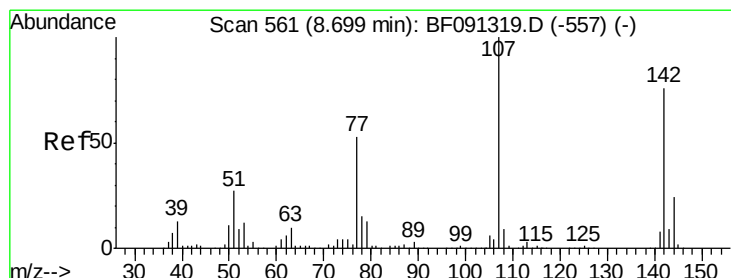
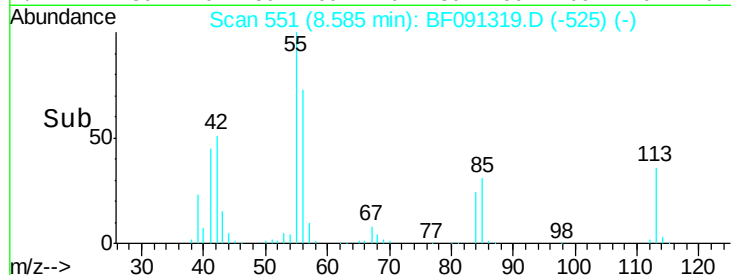
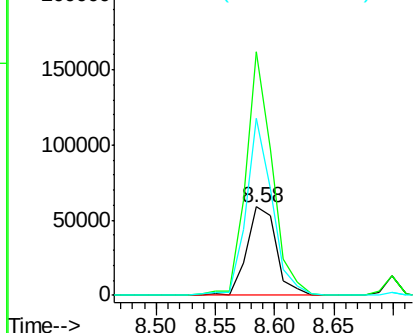
#35
 Caprolactam
 Concen: 38.11 ng
 RT: 8.58 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 102839
 Ion Ratio Lower Upper
 113 100
 55 274.9 239.8 279.8
 56 199.8 165.6 205.6

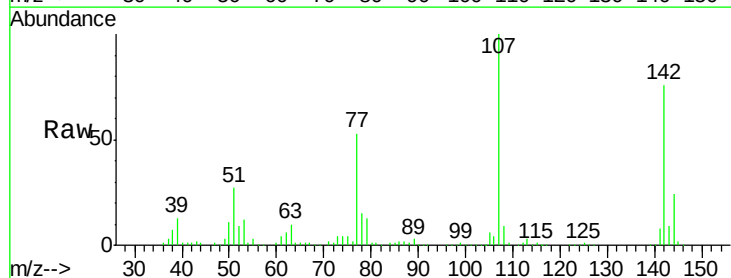


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

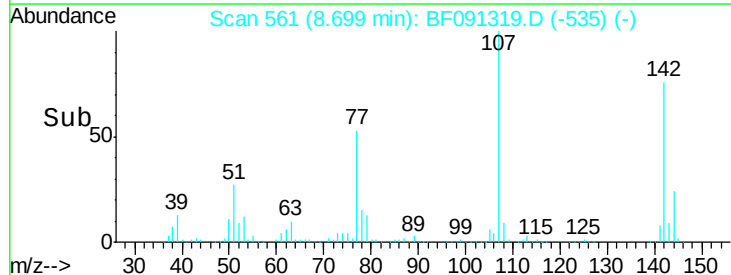
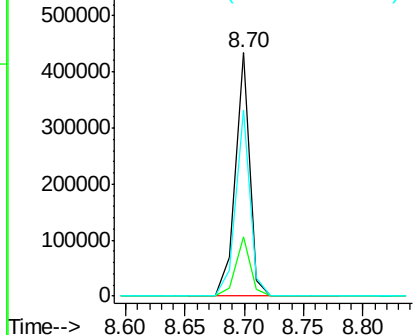


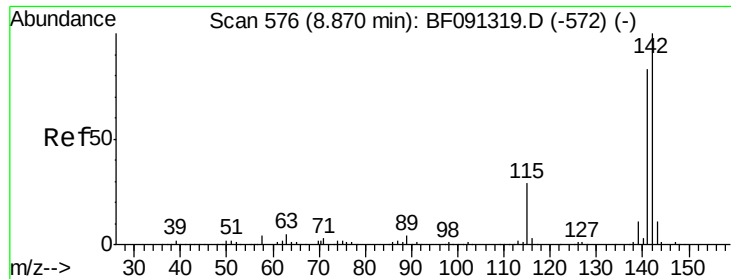
#36
 4-Chloro-3-methylphenol
 Concen: 39.19 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:107 Resp: 368669
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.9 28.3
 142 76.2 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

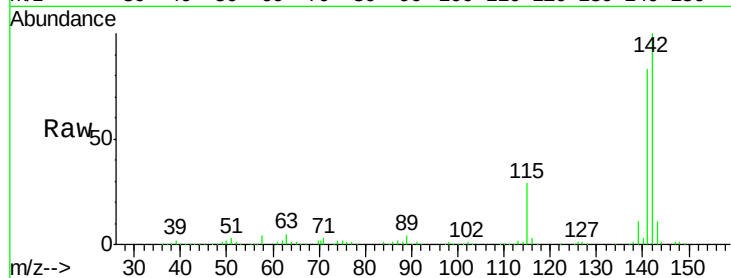




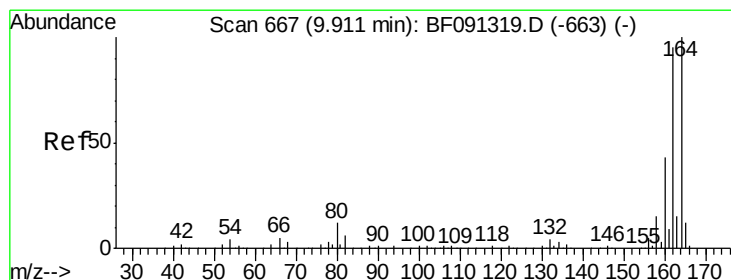
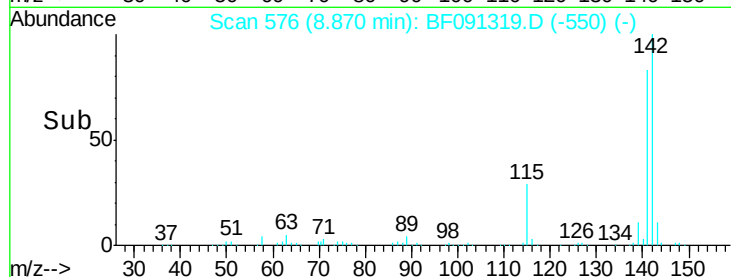
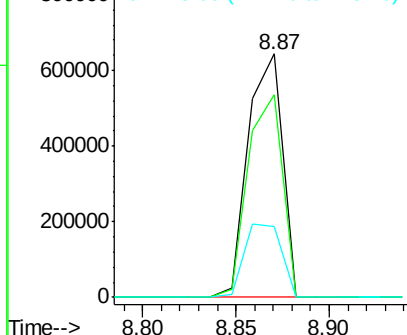
#37
2-Methylnaphthalene
Concen: 38.79 ng
RT: 8.87 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 819961
Ion Ratio Lower Upper
142 100
141 83.4 71.7 107.5
115 29.2 25.0 37.6

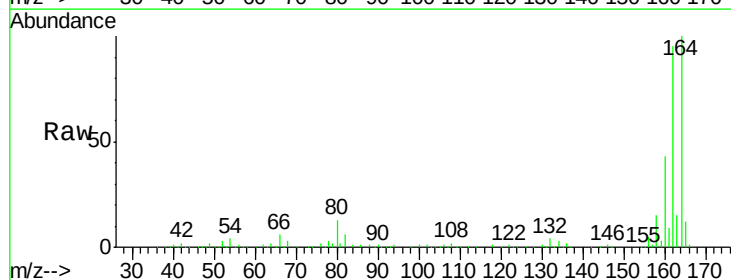


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

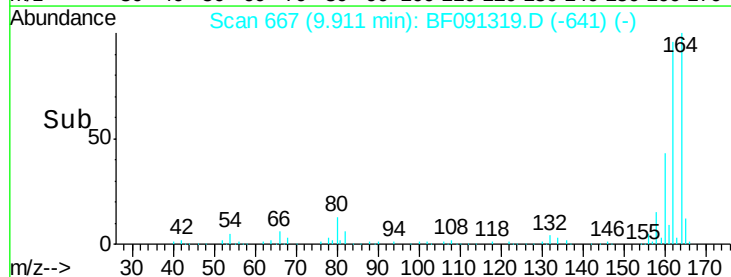
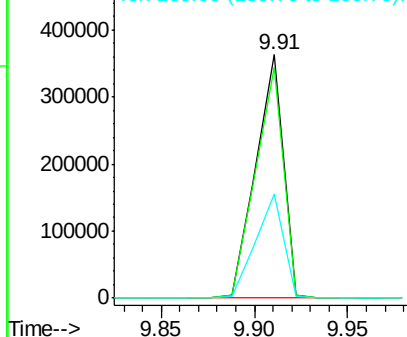


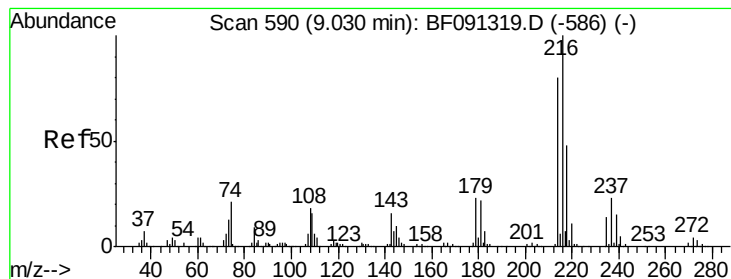
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:164 Resp: 371117
Ion Ratio Lower Upper
164 100
162 95.0 82.6 124.0
160 42.6 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.33 ng

RT: 9.03 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 365366

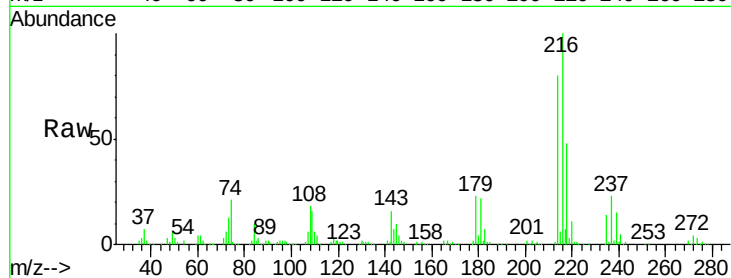
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 22.2 18.2 27.2

108 19.0 17.2 25.8

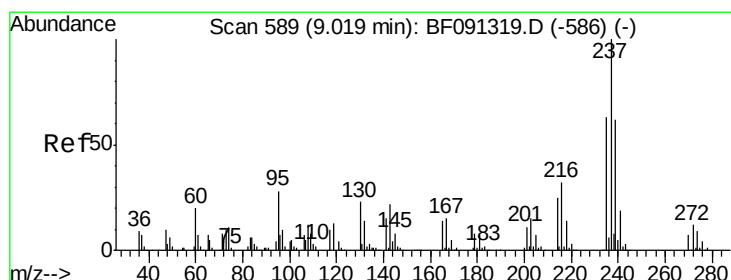
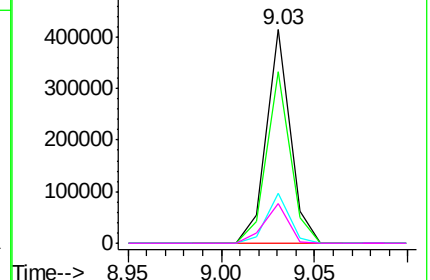
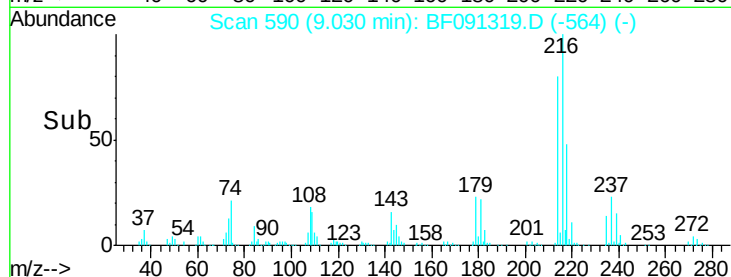


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.97 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

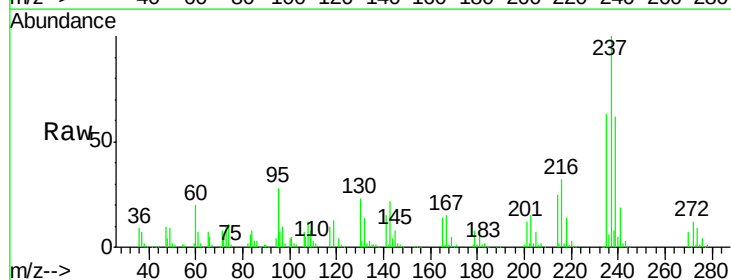
Tgt Ion:237 Resp: 188921

Ion Ratio Lower Upper

237 100

235 63.0 43.9 83.9

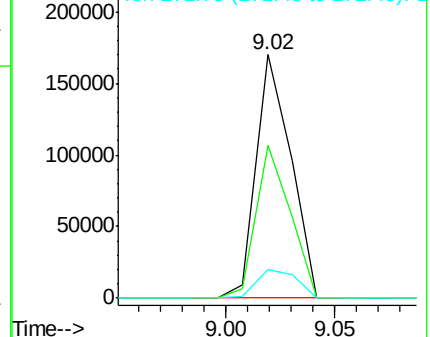
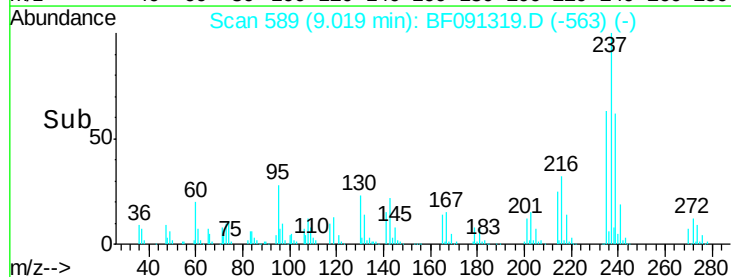
272 11.6 0.0 33.1

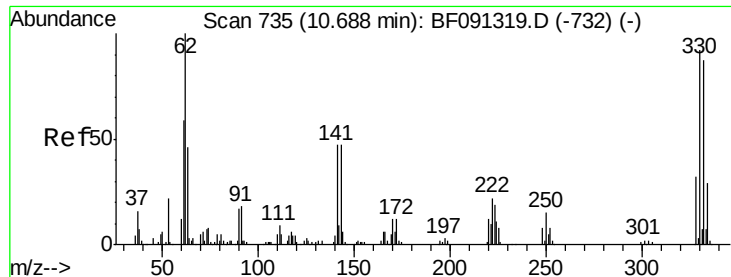


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

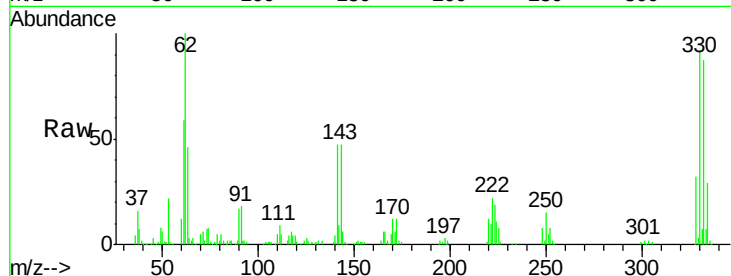




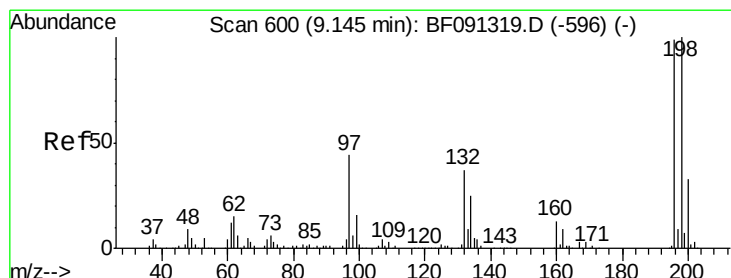
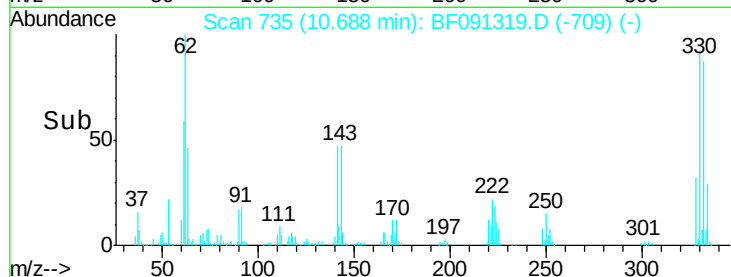
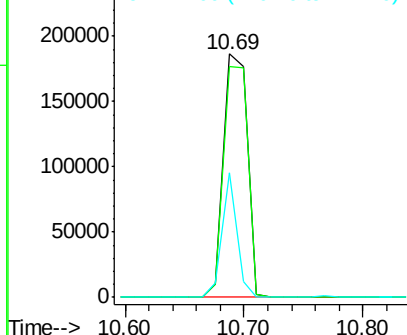
#41
 2,4,6-Tribromophenol
 Concen: 69.05 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 258428
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 31.7 33.6 50.4#

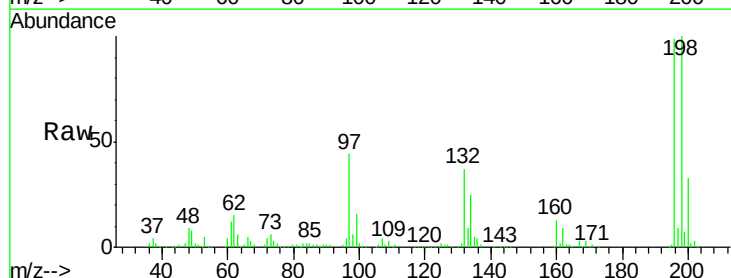


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

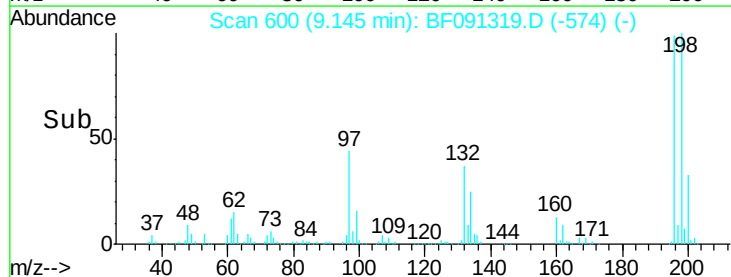
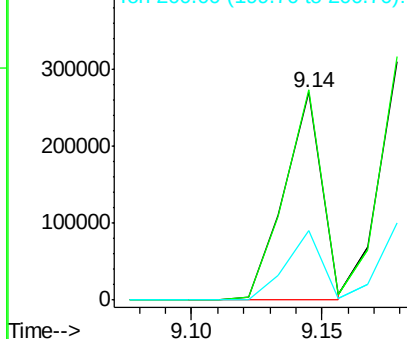


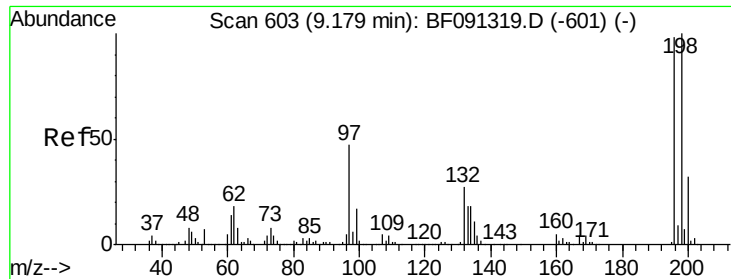
#42
 2,4,6-Trichlorophenol
 Concen: 38.77 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:196 Resp: 268879
 Ion Ratio Lower Upper
 196 100
 198 101.5 77.4 116.0
 200 33.4 25.2 37.8



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

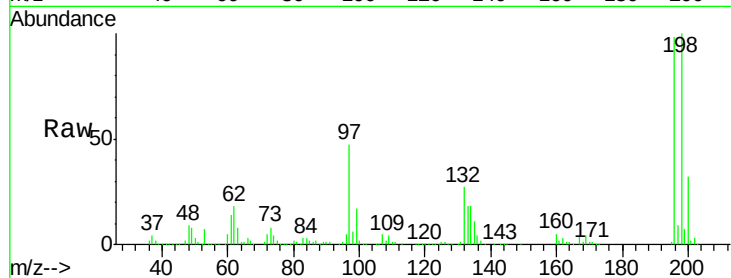




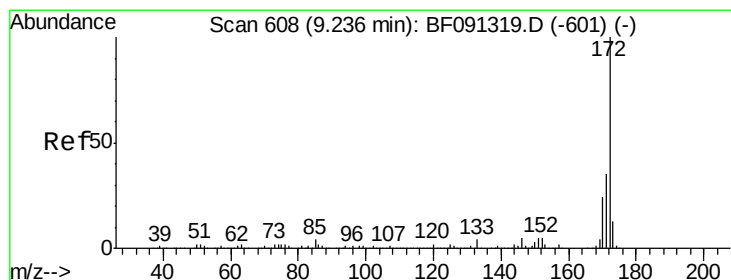
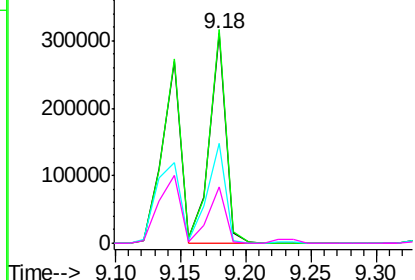
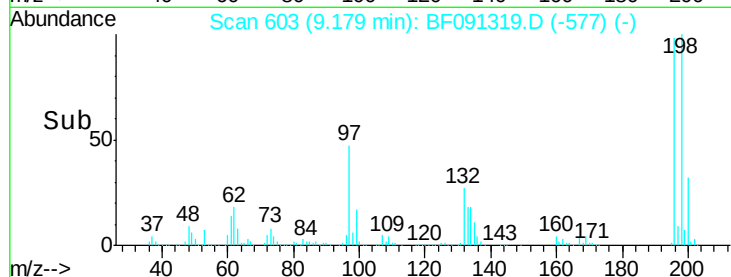
#43
2,4,5-Trichlorophenol
Concen: 40.86 ng
RT: 9.18 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 272250
Ion Ratio Lower Upper
196 100
198 102.0 77.0 115.6
97 47.6 33.5 50.3
132 27.2 20.5 30.7

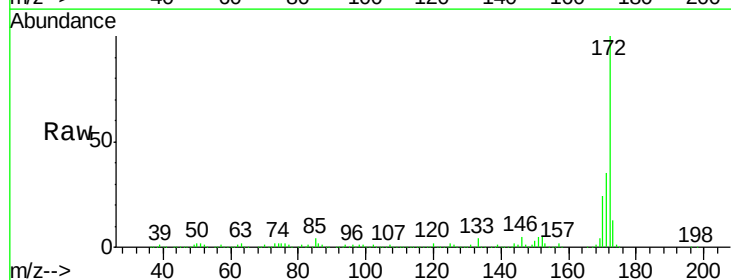


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

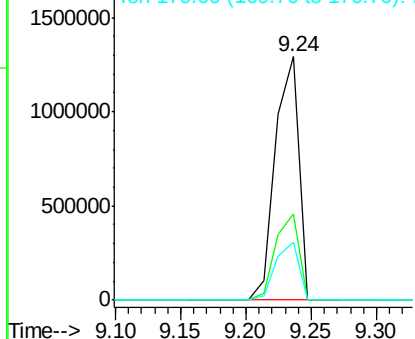
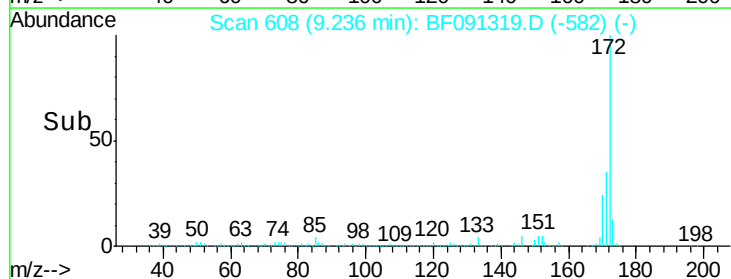


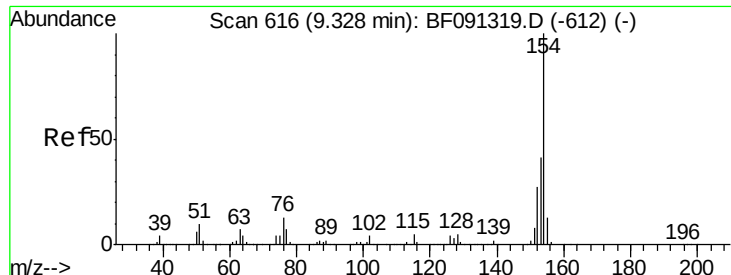
#44
2-Fluorobiphenyl
Concen: 72.10 ng
RT: 9.24 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:172 Resp: 1634116
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.9 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

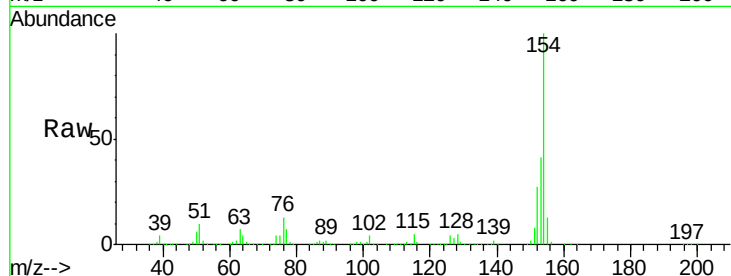




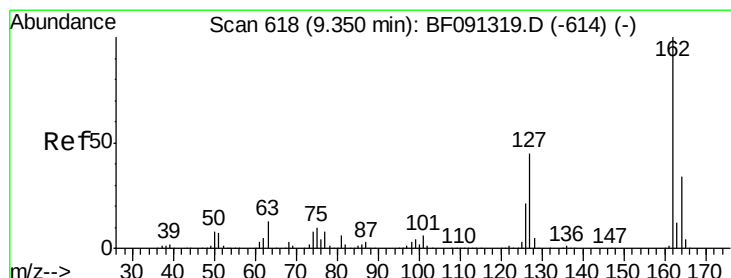
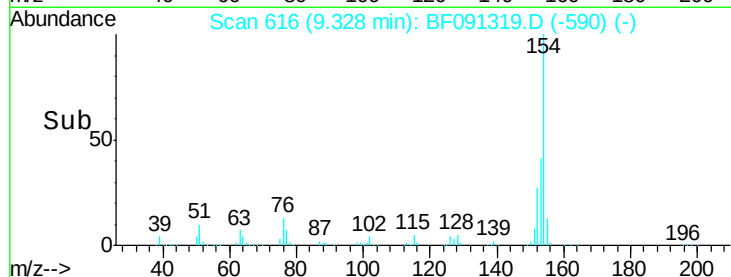
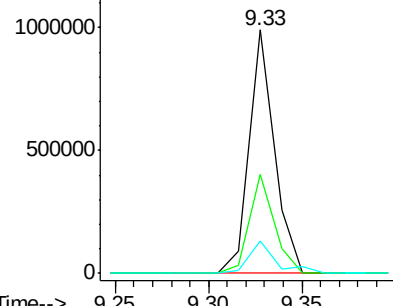
#45
 1,1'-Biphenyl
 Concen: 34.30 ng
 RT: 9.33 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.4	0.0	36.6

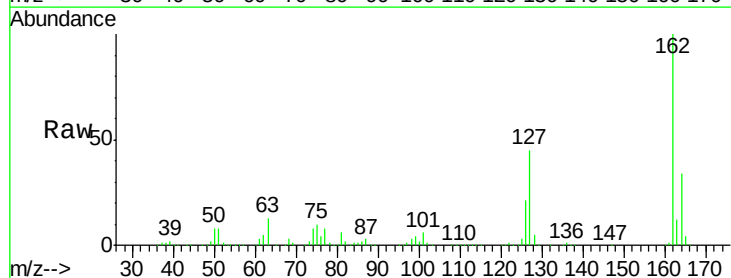


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

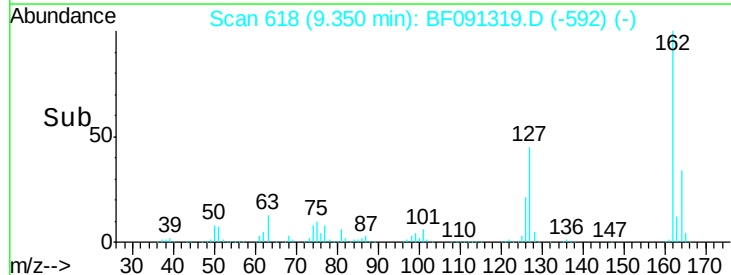
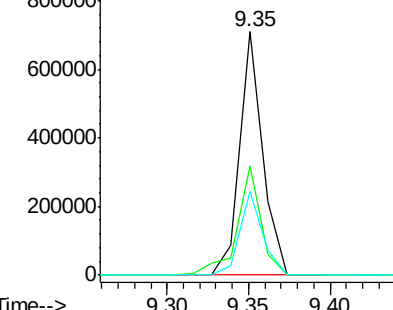


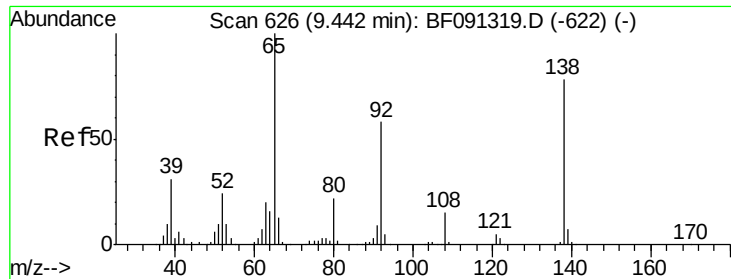
#46
 2-Chloronaphthalene
 Concen: 35.50 ng
 RT: 9.35 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	34.3	51.5
164	34.1	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

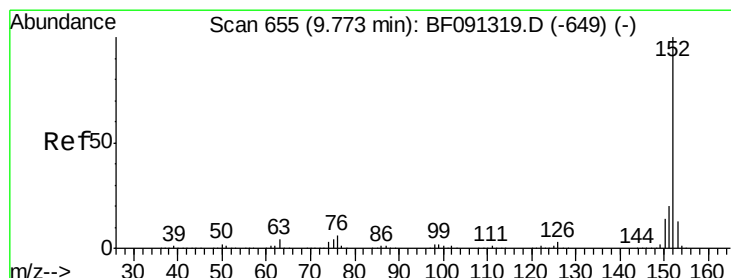
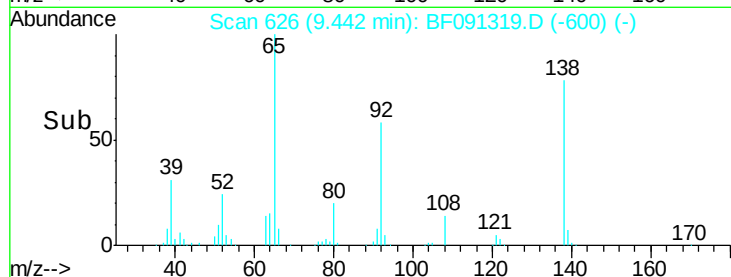
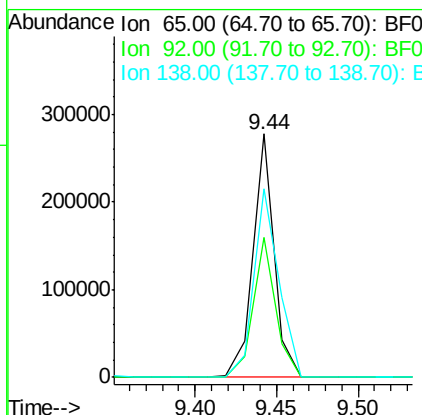
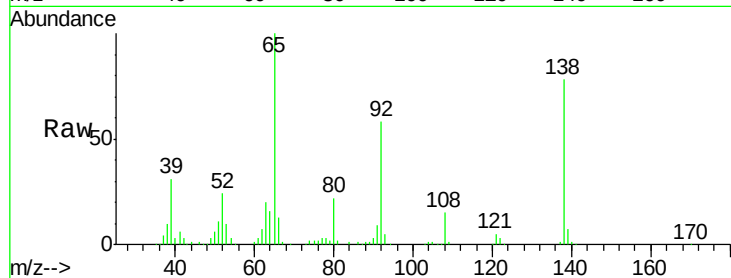




#47
2-Nitroaniline
Concen: 37.57 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

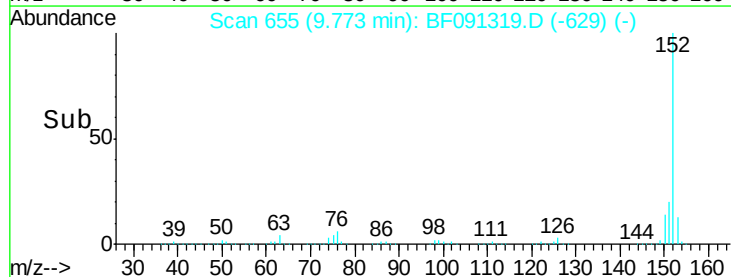
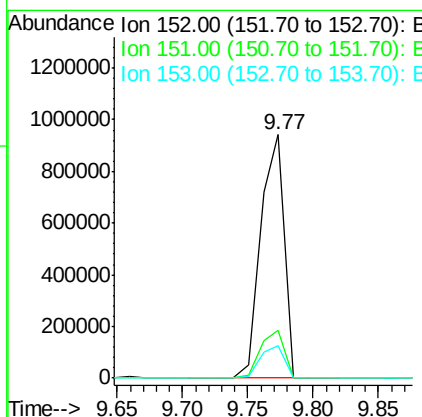
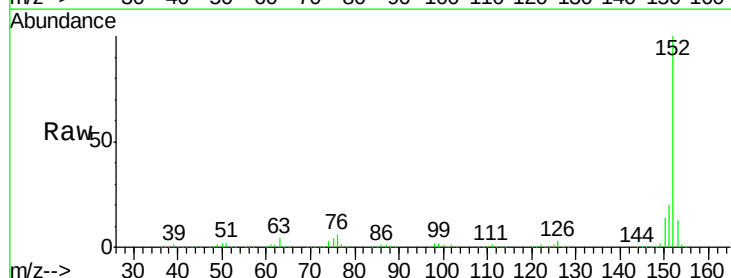
Instrument :
BNA_F
ClientSampleId :

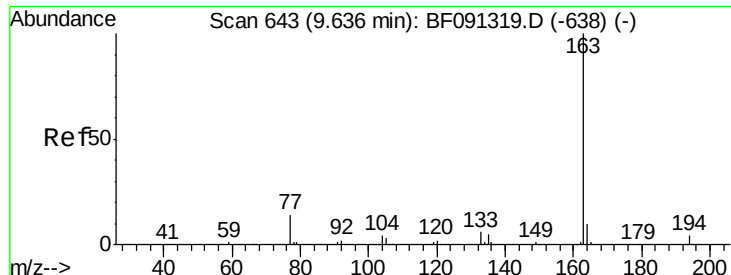
Tot Ion: 65 Resp: 249867
Ion Ratio Lower Upper
65 100
92 57.6 53.6 80.4
138 77.7 91.0 136.6#



#48
Acenaphthylene
Concen: 37.54 ng
RT: 9.77 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion: 152 Resp: 1179094
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 38.44 ng

RT: 9.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampled :

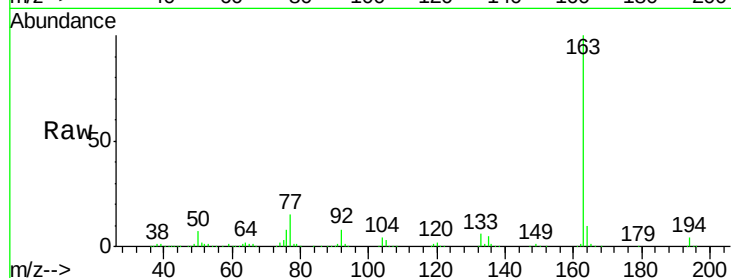
Tot Ion:163 Resp: 890635

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

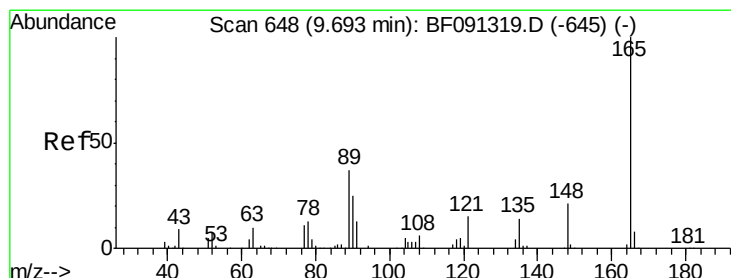
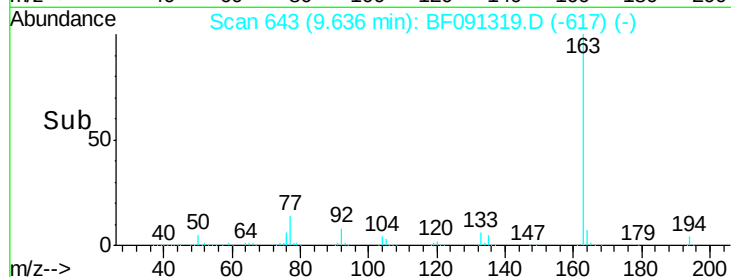
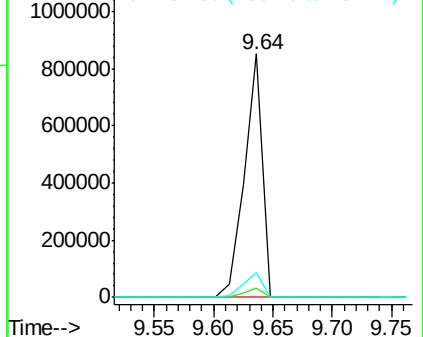
164 10.3 7.8 11.8



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: 40.65 ng

RT: 9.69 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

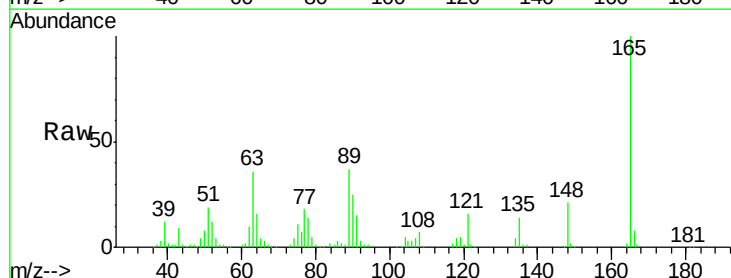
Tgt Ion:165 Resp: 205765

Ion Ratio Lower Upper

165 100

63 36.2 59.4 89.0#

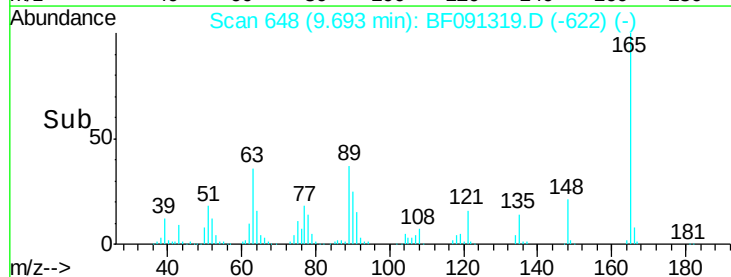
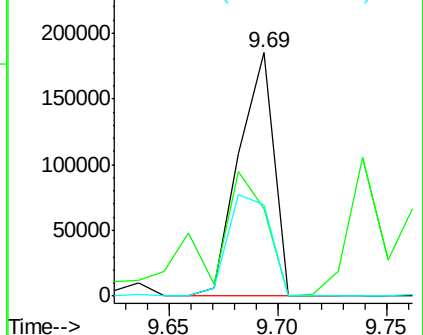
89 37.4 50.8 76.2#

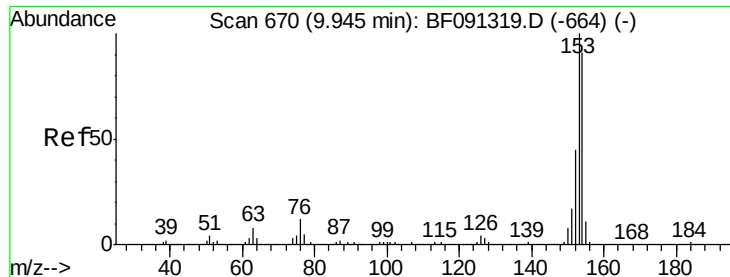


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.34 ng

RT: 9.94 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

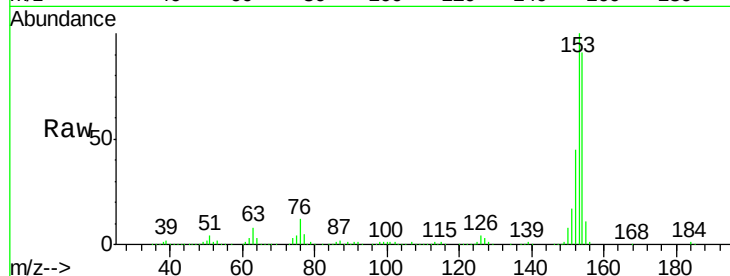
Tot Ion:154 Resp: 840911

Ion Ratio Lower Upper

154 100

153 110.5 91.0 136.6

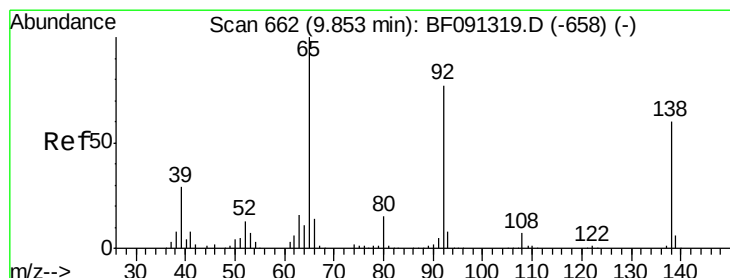
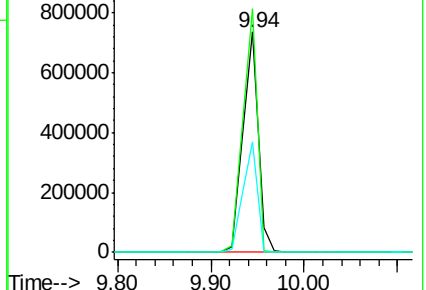
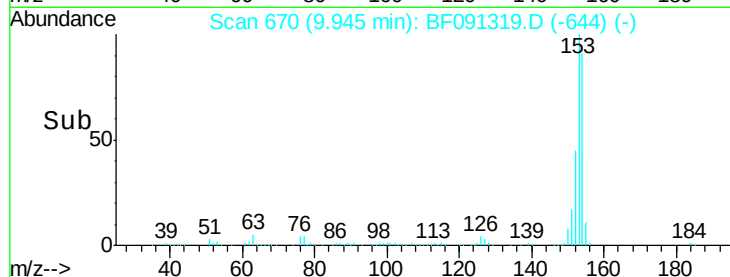
152 50.1 44.2 66.2



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: 35.77 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

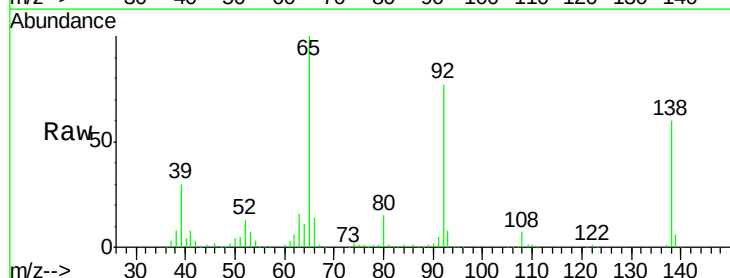
Tgt Ion:138 Resp: 194635

Ion Ratio Lower Upper

138 100

108 10.9 8.1 12.1

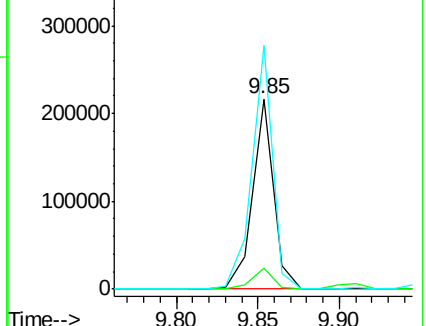
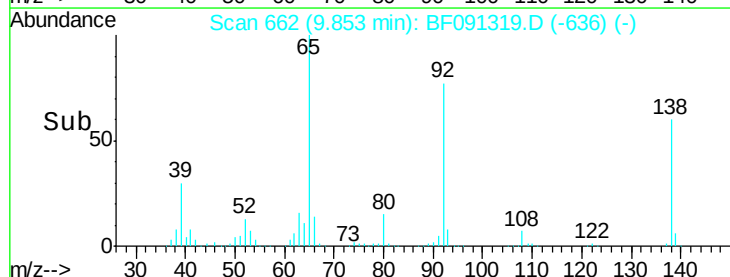
92 128.0 92.5 138.7

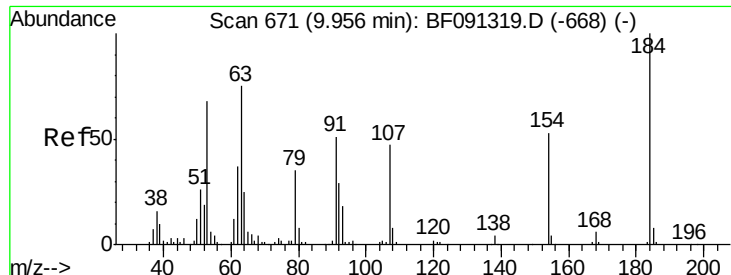


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

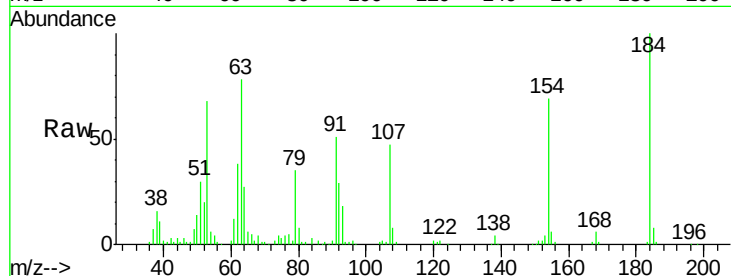




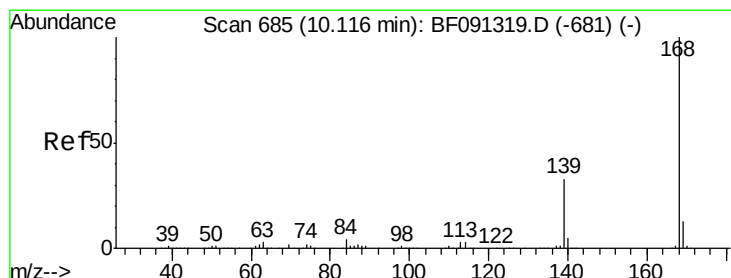
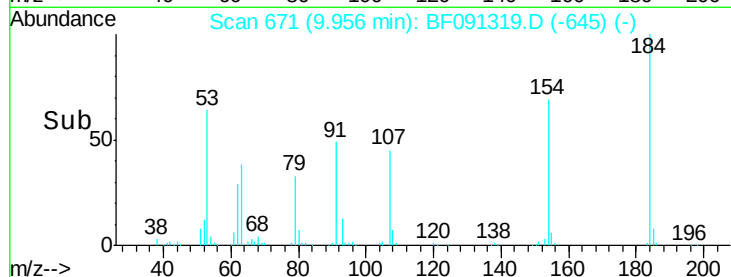
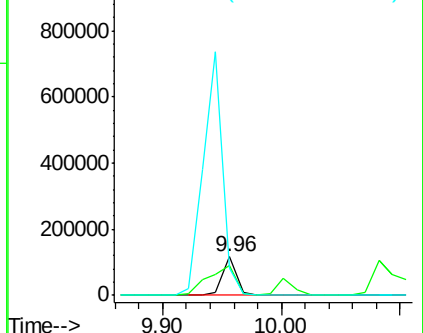
#53
2,4-Dinitrophenol
Concen: 51.28 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 94149
Ion Ratio Lower Upper
184 100
63 78.5 58.3 87.5
154 69.0 48.6 73.0

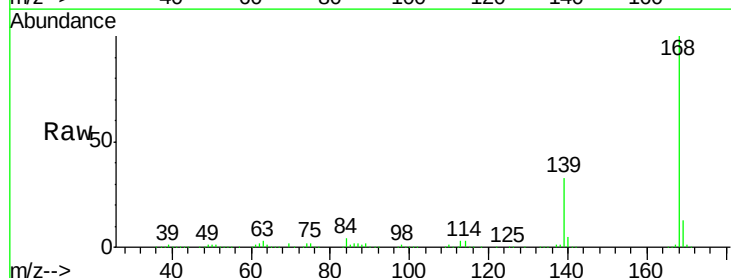


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

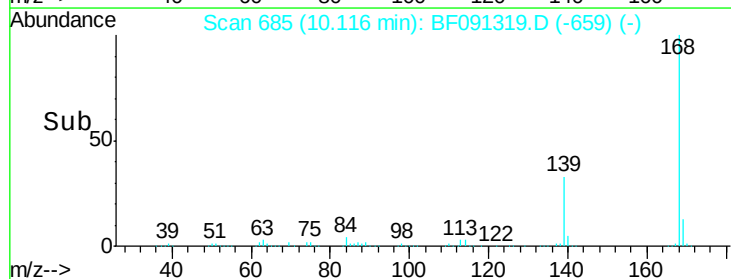
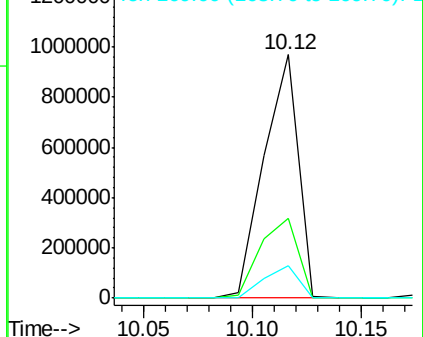


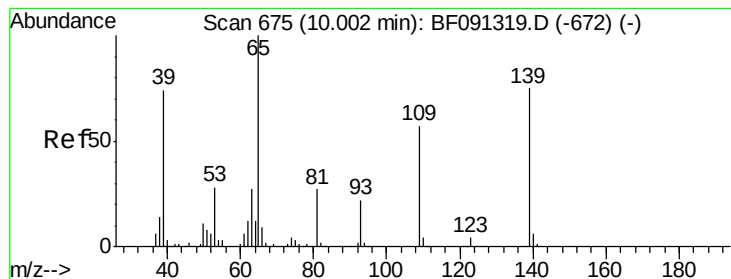
#54
Dibenzofuran
Concen: 35.66 ng
RT: 10.12 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:168 Resp: 1072185
Ion Ratio Lower Upper
168 100
139 32.9 33.4 50.2#
169 13.1 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: 40.88 ng

RT: 10.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

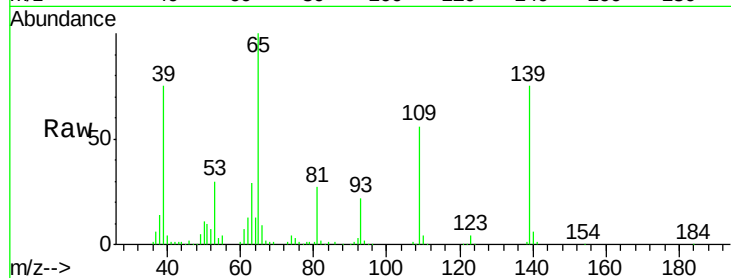
Tot Ion:139 Resp: 160461

Ion Ratio Lower Upper

139 100

109 75.2 54.9 94.9

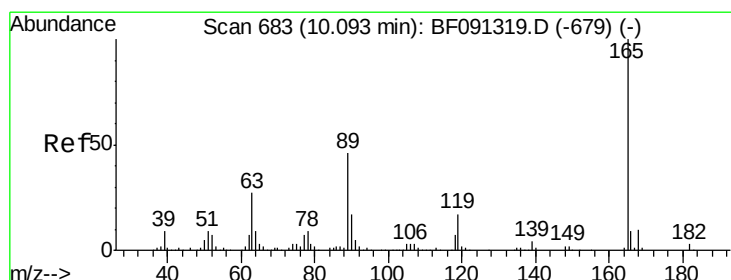
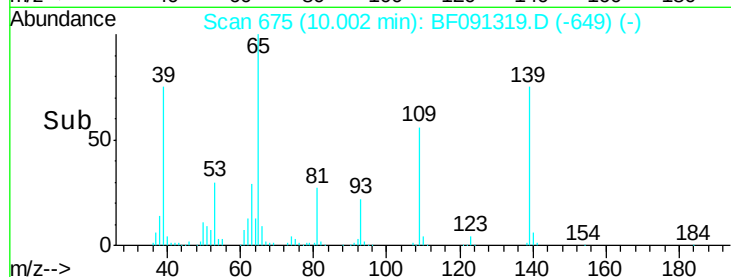
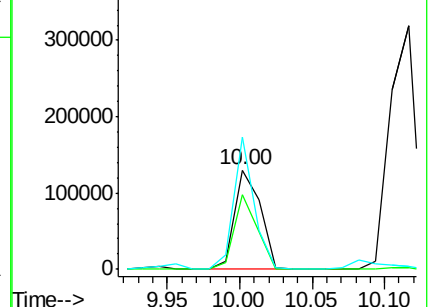
65 133.5 102.2 142.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.84 ng

RT: 10.09 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:165 Resp: 267965

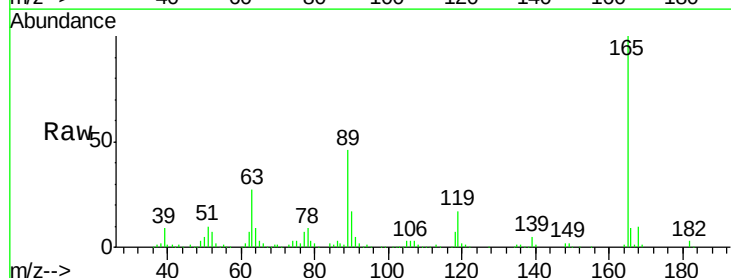
Ion Ratio Lower Upper

165 100

63 27.4 29.0 43.4#

89 46.1 43.1 64.7

182 2.5 1.9 2.9

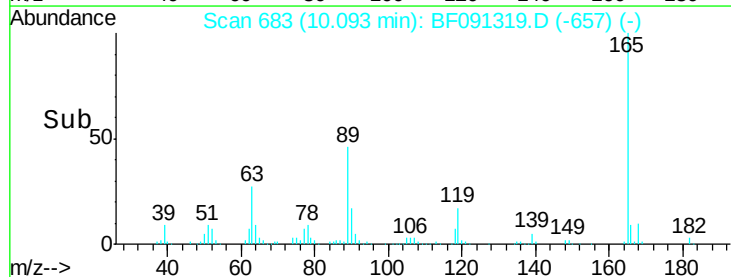
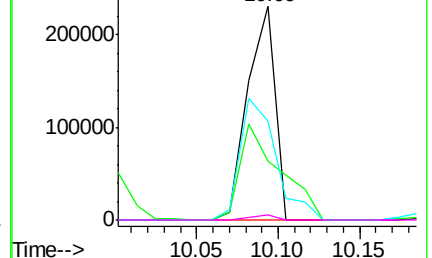


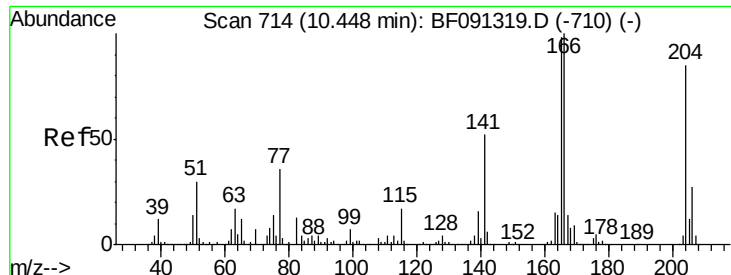
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

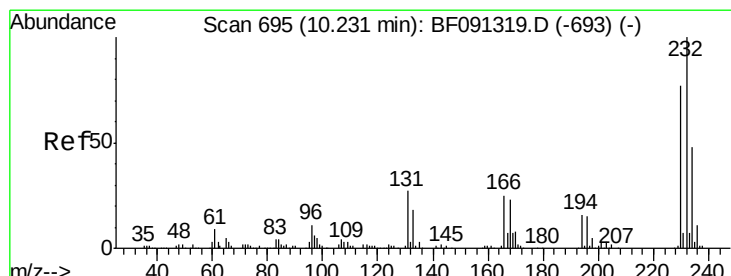
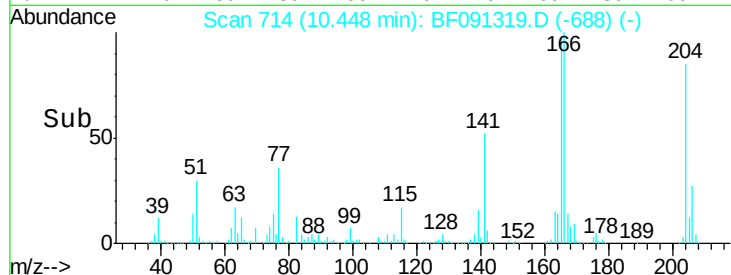
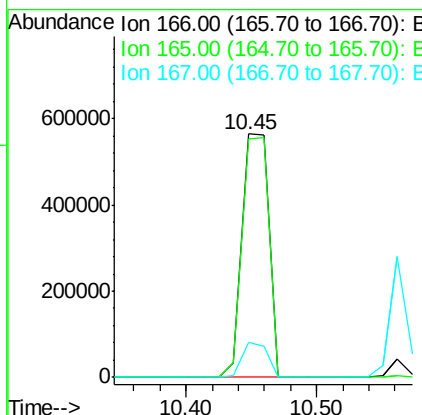
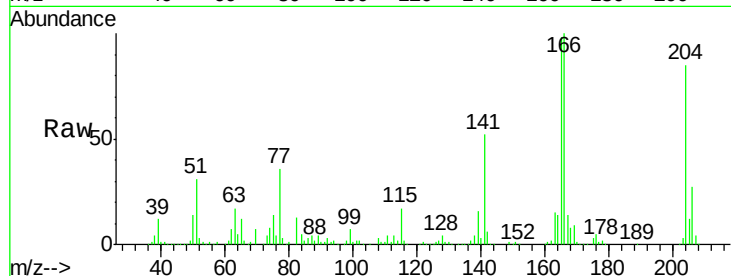




#57
 Fluorene
 Concen: 34.74 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

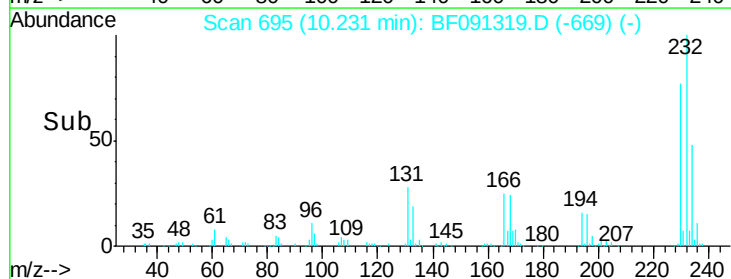
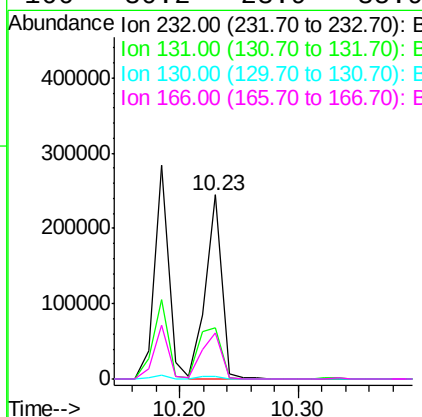
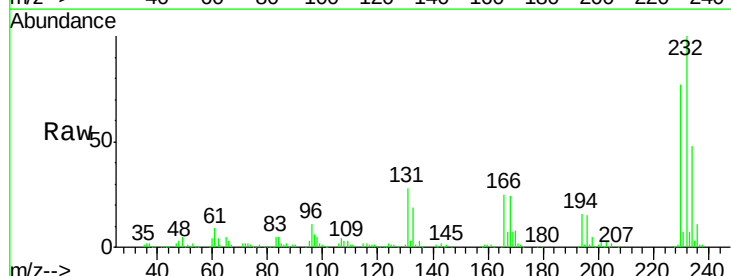
Instrument :
 BNA_F
 ClientSampleId :

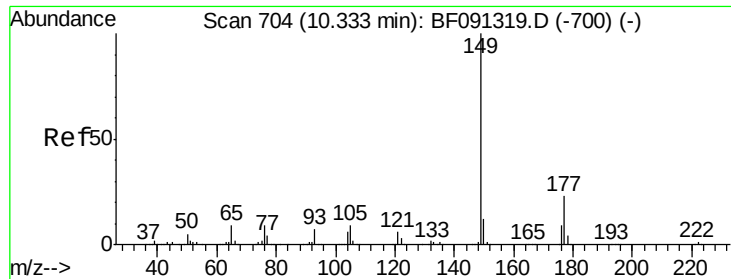
Tot Ion:166 Resp: 799277
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 14.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.90 ng
 RT: 10.23 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:232 Resp: 233782
 Ion Ratio Lower Upper
 232 100
 131 39.3 38.4 57.6
 130 1.9 1.8 2.8
 166 30.2 23.9 35.9

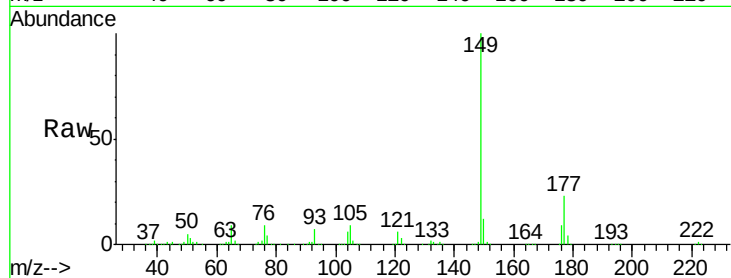




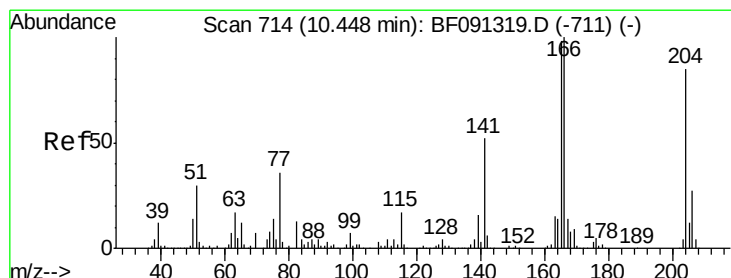
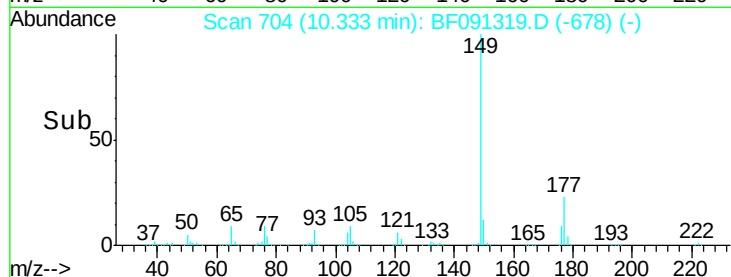
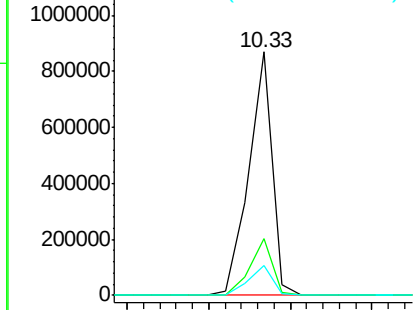
#59
Diethylphthalate
Concen: 36.81 ng
RT: 10.33 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 858224
Ion Ratio Lower Upper
149 100
177 23.4 15.7 23.5
150 12.4 10.2 15.2

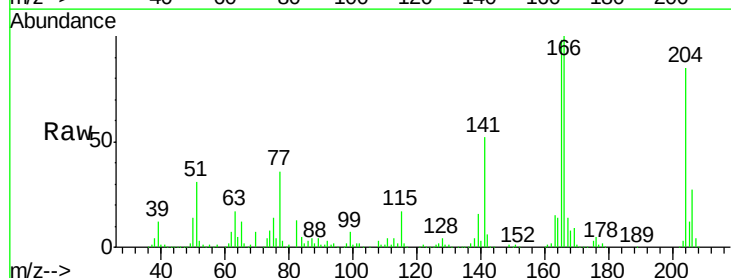


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

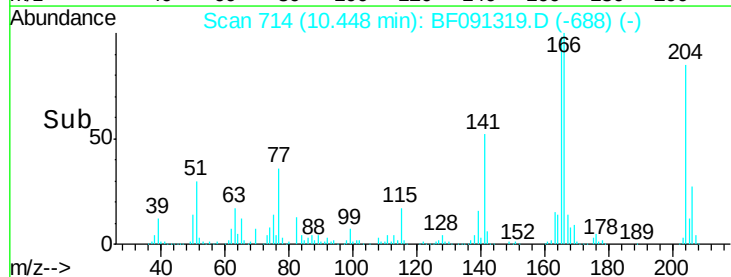
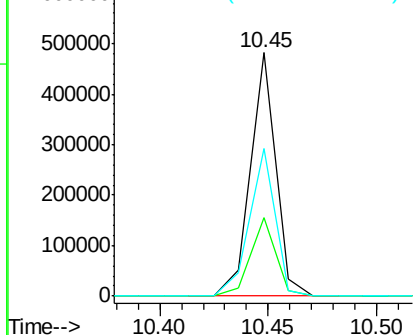


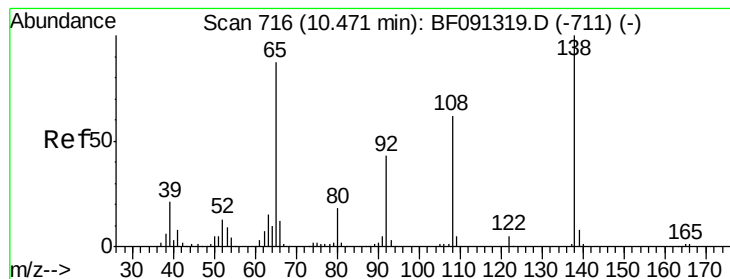
#60
4-Chlorophenyl-phenylether
Concen: 36.70 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:204 Resp: 389038
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 60.7 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: 43.69 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

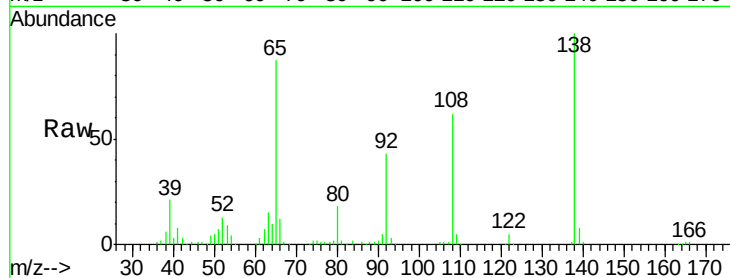
Tot Ion:138 Resp: 221813

Ion Ratio Lower Upper

138 100

92 42.8 26.9 66.9

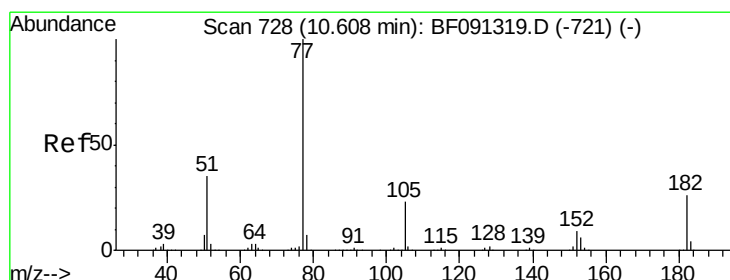
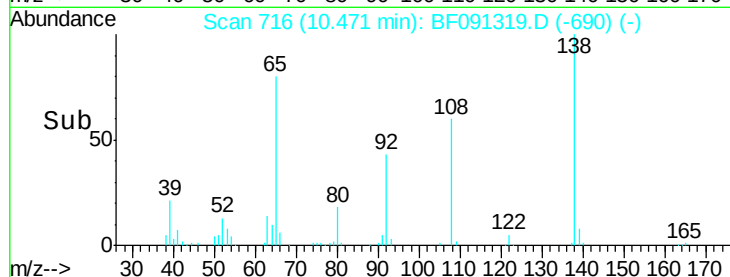
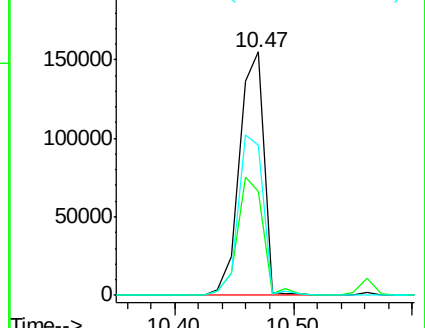
108 61.6 49.1 89.1



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: 39.50 ng

RT: 10.61 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion: 77 Resp: 934253

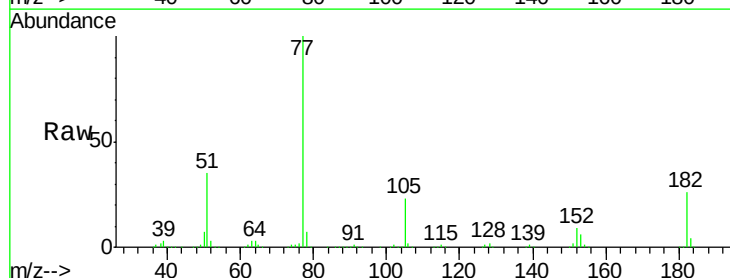
Ion Ratio Lower Upper

77 100

182 26.0 12.5 52.5

105 23.1 3.7 43.7

51 35.1 11.9 51.9

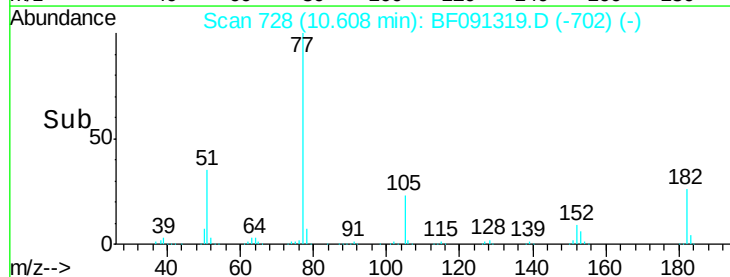
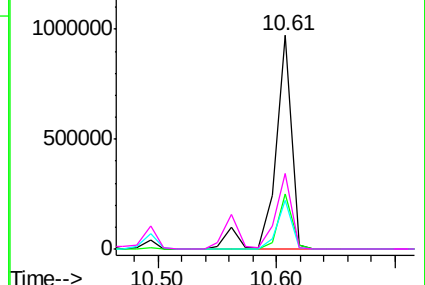


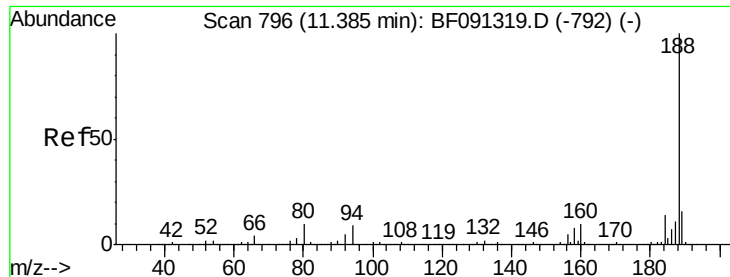
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

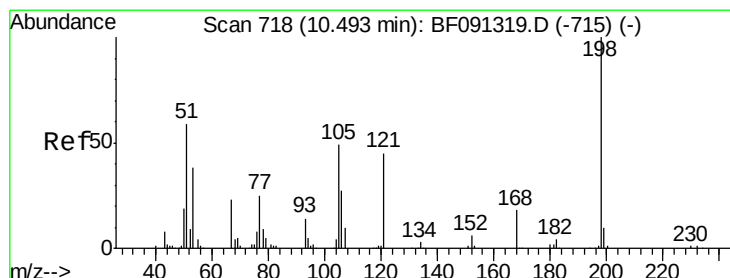
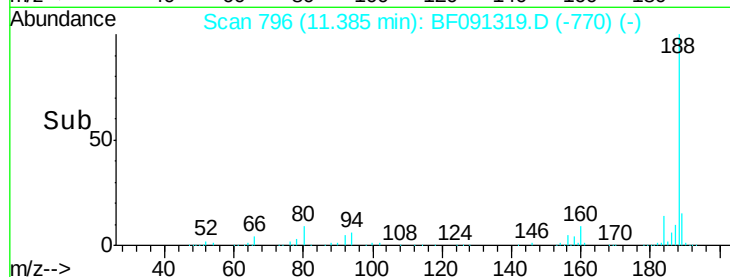
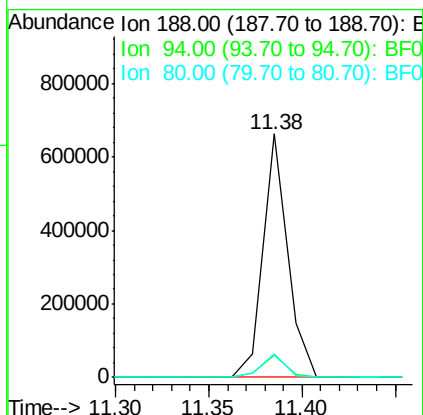
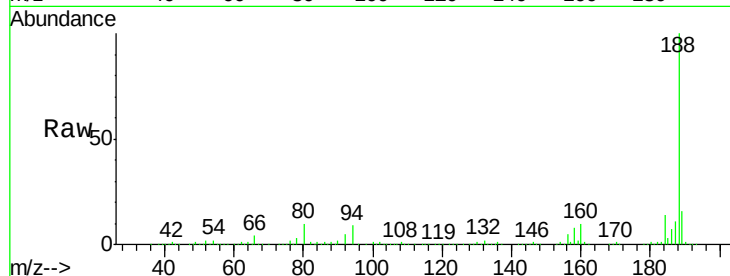




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

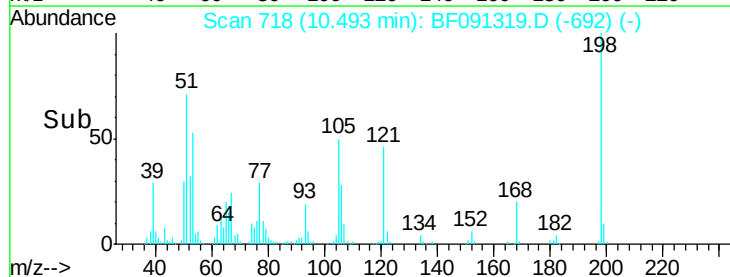
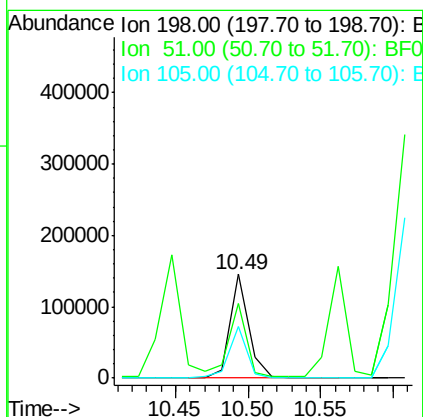
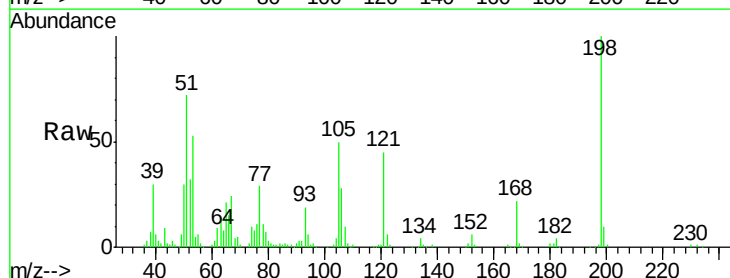
Instrument :
 BNA_F
 ClientSampleId :

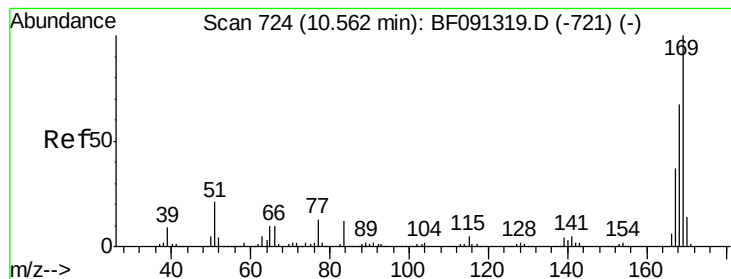
Tot Ion:188 Resp: 601886
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.2 13.8#
 80 9.8 10.5 15.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.34 ng
 RT: 10.49 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:198 Resp: 129220
 Ion Ratio Lower Upper
 198 100
 51 72.3 77.1 117.1#
 105 50.1 44.8 84.8

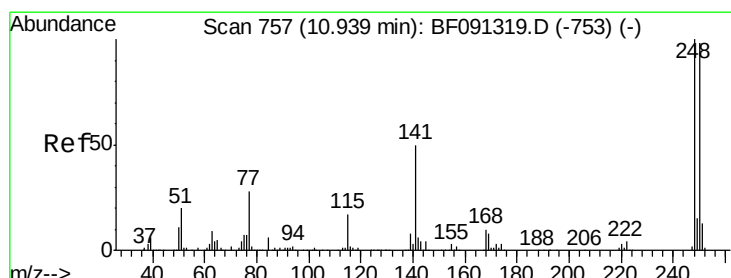
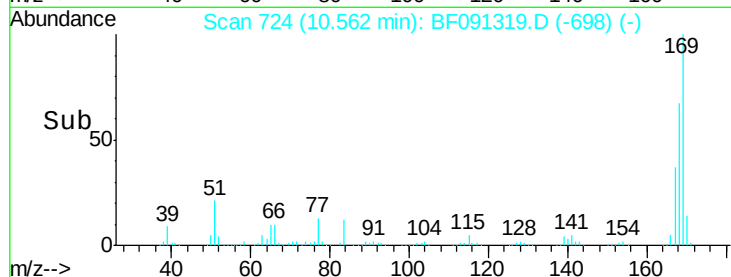
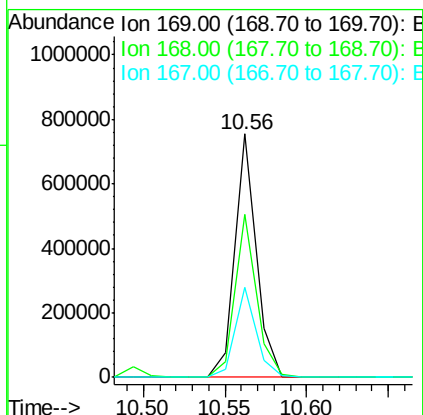
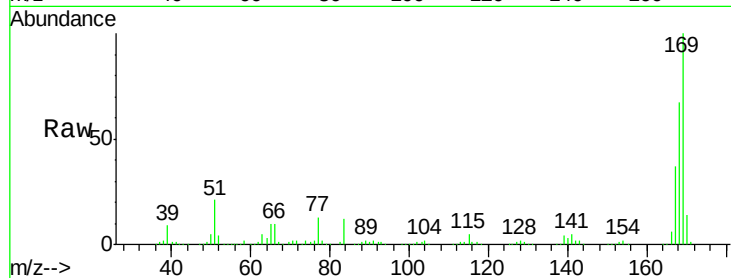




#65
 n-Nitrosodiphenylamine
 Concen: 37.12 ng
 RT: 10.56 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

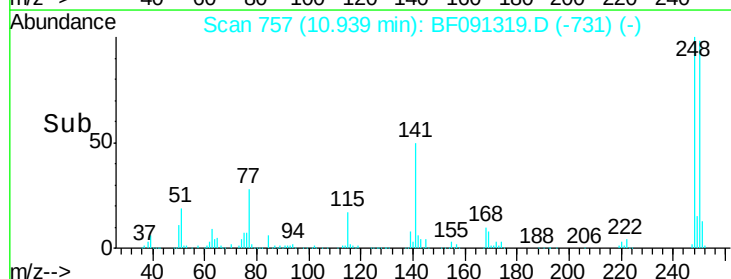
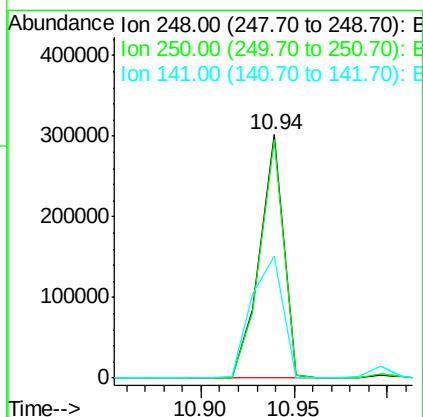
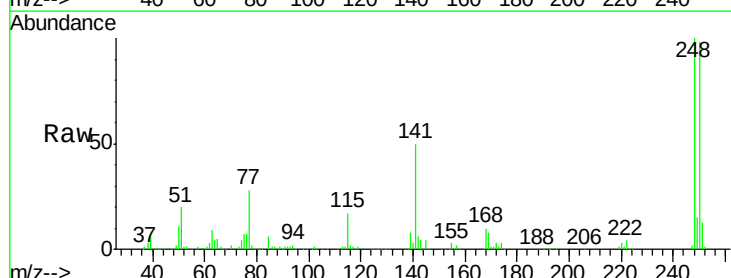
Instrument :
 BNA_F
 ClientSampled :

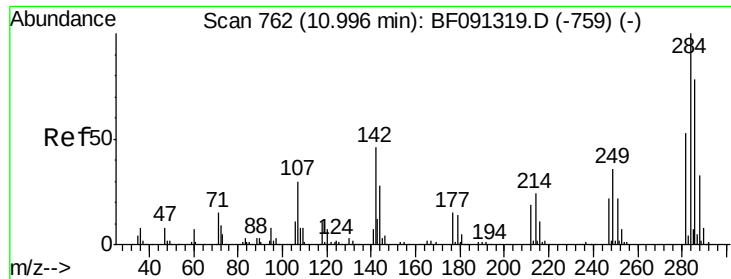
Tot Ion:169 Resp: 678308
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.8 80.8
 167 37.0 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 40.73 ng
 RT: 10.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:248 Resp: 267940
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.2 117.4
 141 50.2 71.9 107.9#

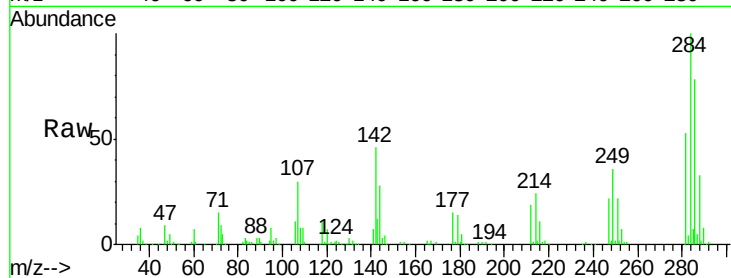




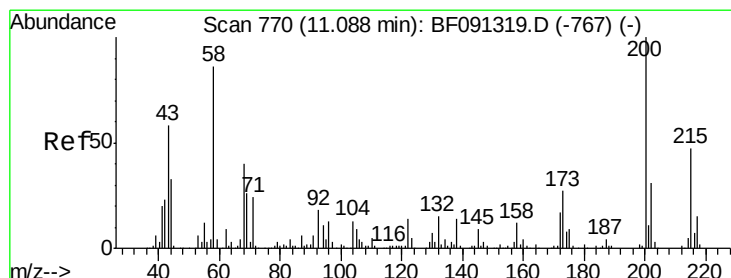
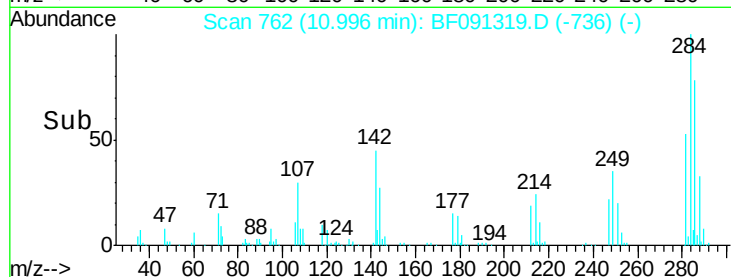
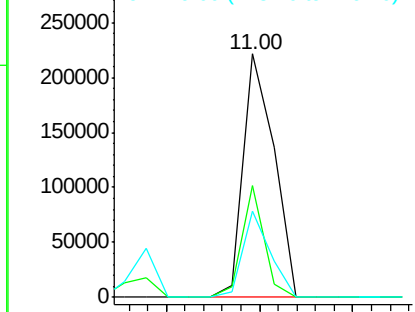
#67
Hexachlorobenzene
Concen: 35.14 ng
RT: 11.00 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 253446
Ion Ratio Lower Upper
284 100
142 46.0 17.9 26.9#
249 35.5 23.6 35.4#

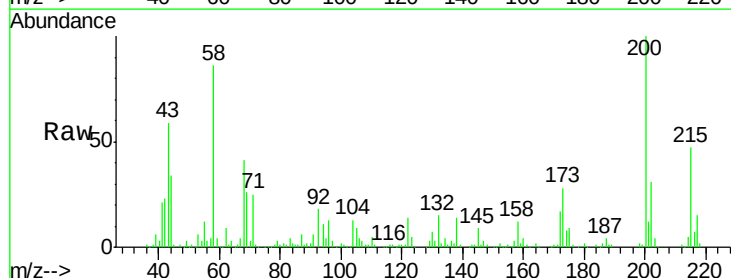


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

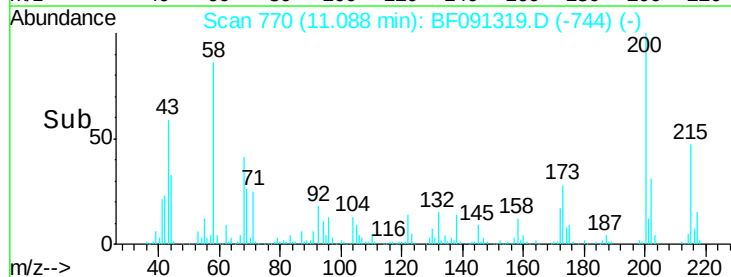
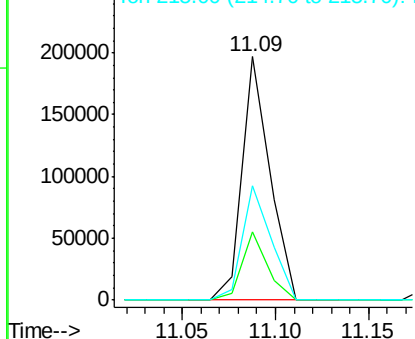


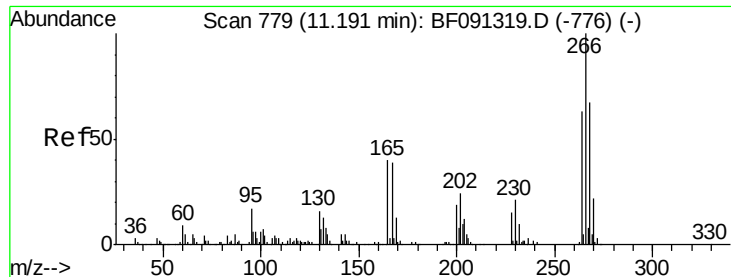
#68
Atrazine
Concen: 42.38 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:200 Resp: 204413
Ion Ratio Lower Upper
200 100
173 27.9 7.8 47.8
215 46.9 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

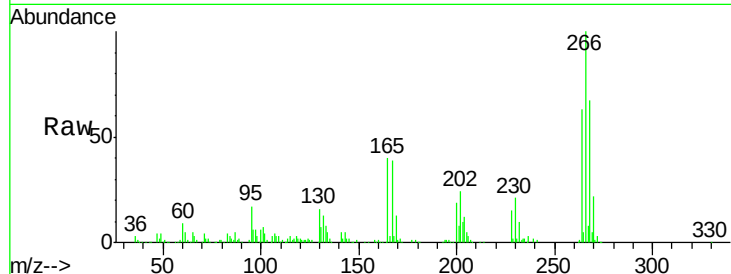




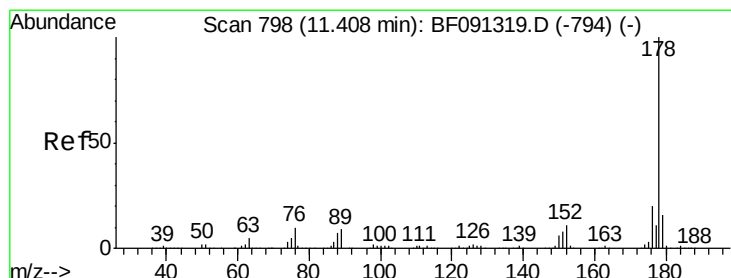
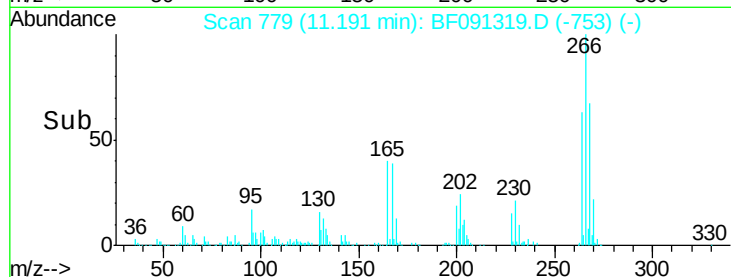
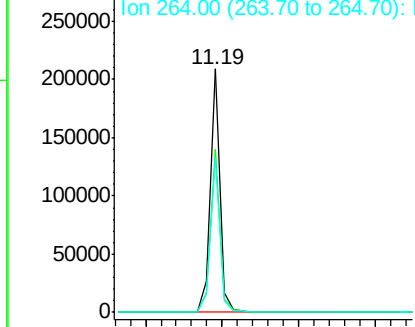
#69
 Pentachlorophenol
 Concen: 41.82 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 178421
 Ion Ratio Lower Upper
 266 100
 268 66.9 50.3 75.5
 264 63.2 48.2 72.2

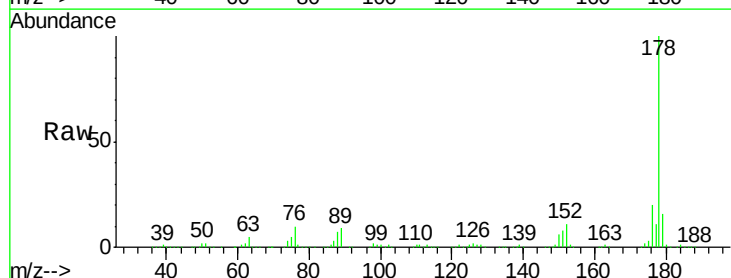


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

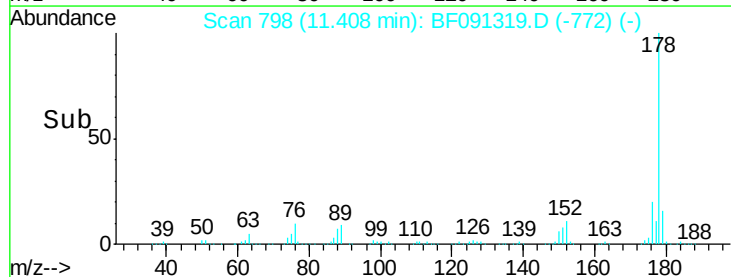
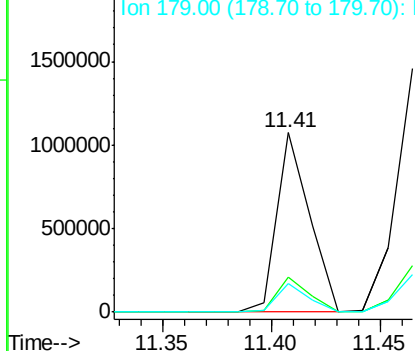


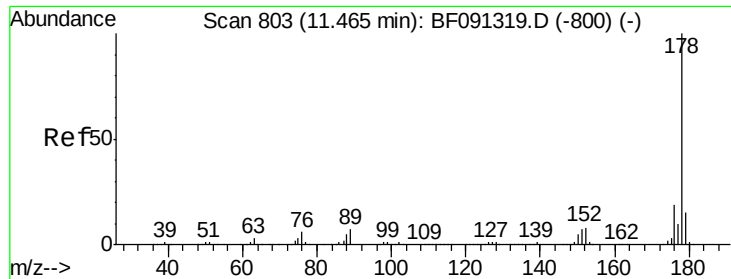
#70
 Phenanthrene
 Concen: 36.24 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:178 Resp: 1131492
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.1 12.6 18.8



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

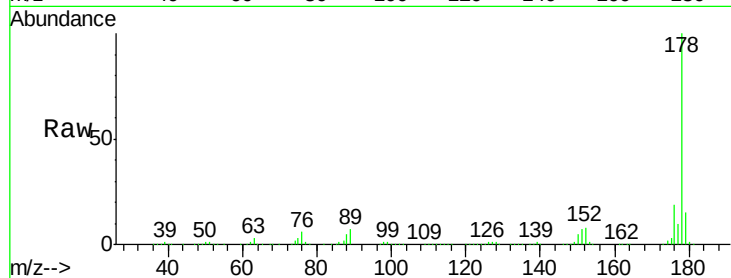




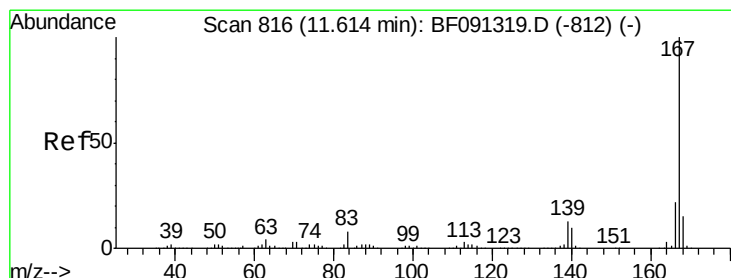
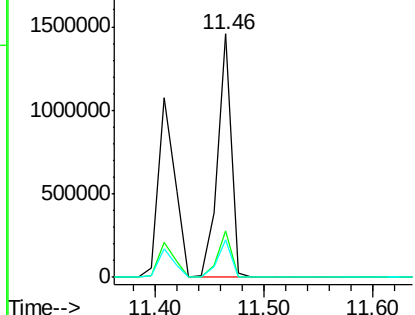
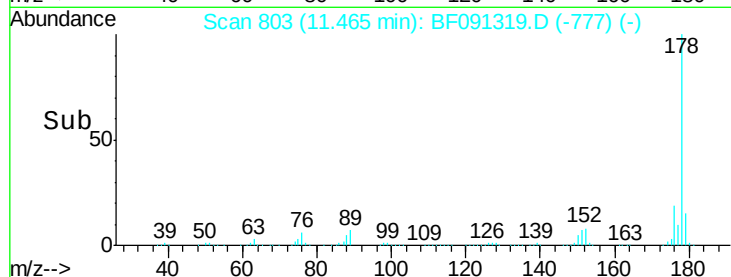
#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.46 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1293743
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 15.4 12.7 19.1

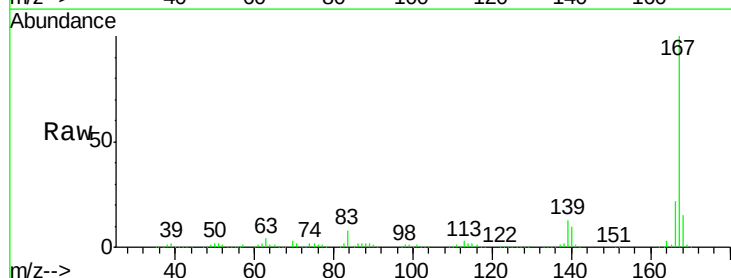


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

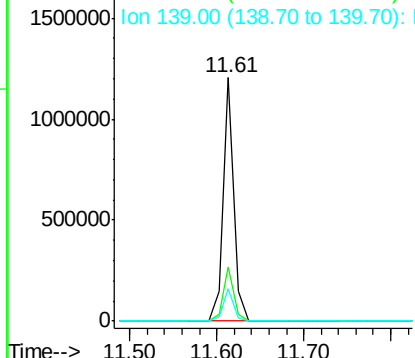
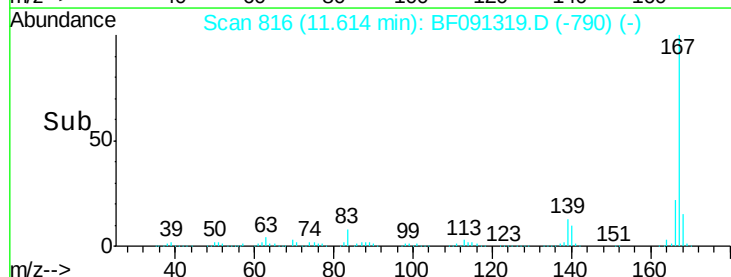


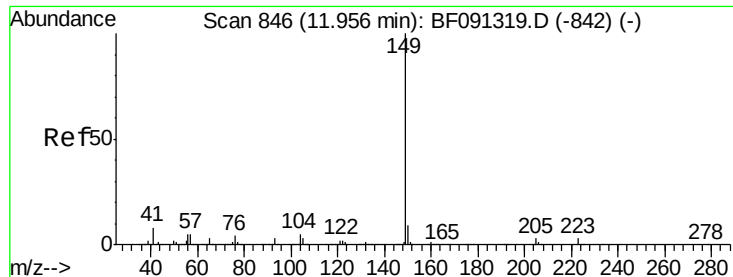
#72
 Carbazole
 Concen: 36.49 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:167 Resp: 1036888
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.5 17.3



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





#73

Di-n-butylphthalate

Concen: 39.94 ng

RT: 11.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

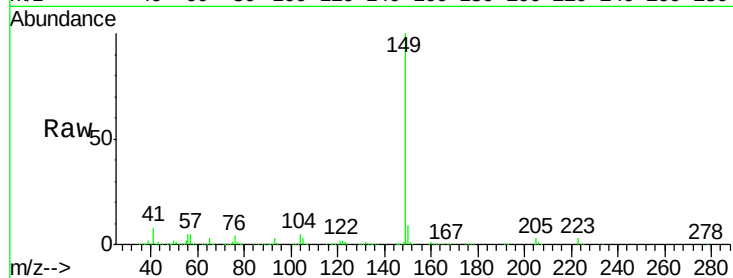
Tot Ion:149 Resp: 1314096

Ion Ratio Lower Upper

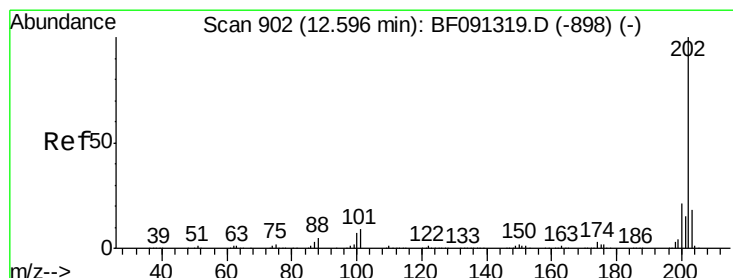
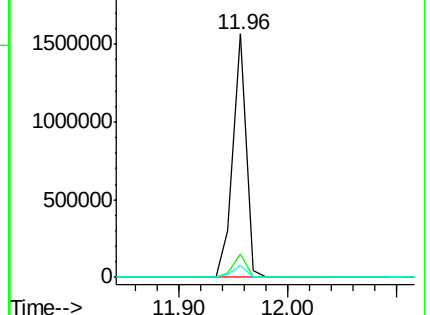
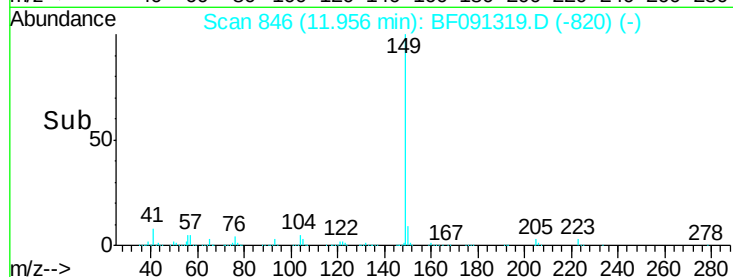
149 100

150 9.4 7.5 11.3

104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.33 ng

RT: 12.60 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

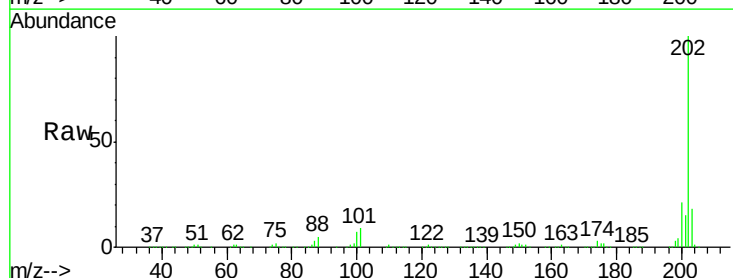
Tgt Ion:202 Resp: 1249163

Ion Ratio Lower Upper

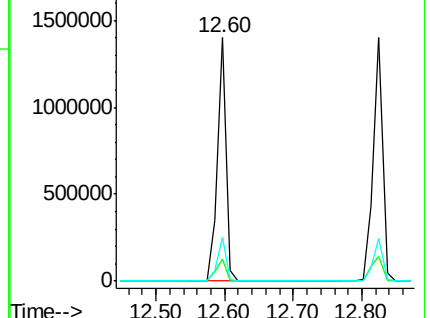
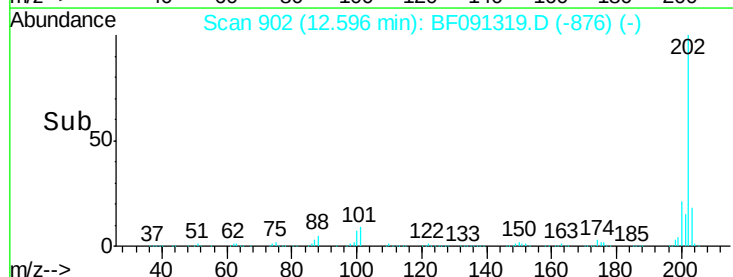
202 100

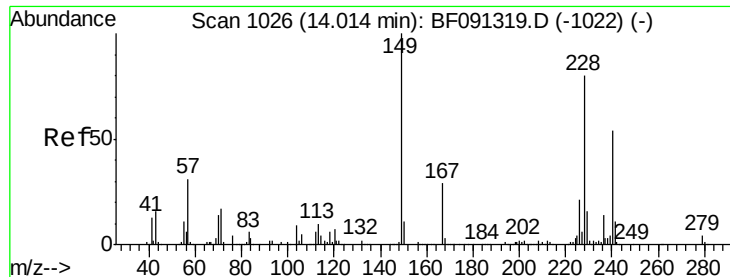
101 9.0 0.0 29.5

203 18.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

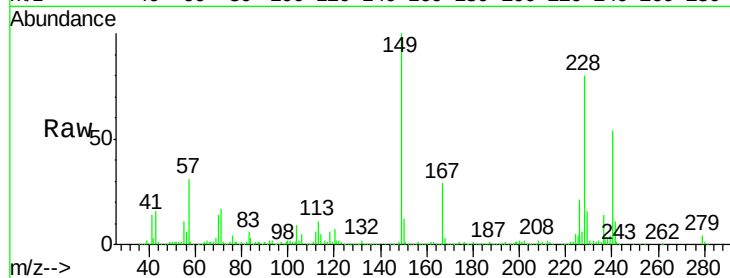
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 395513

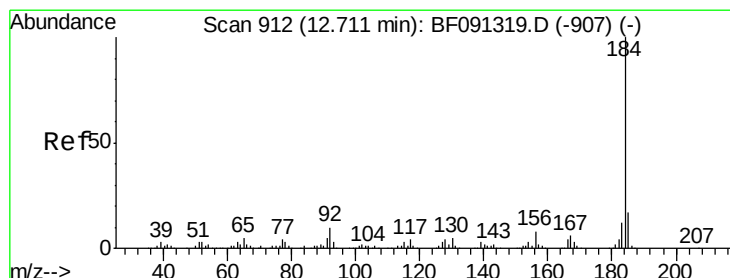
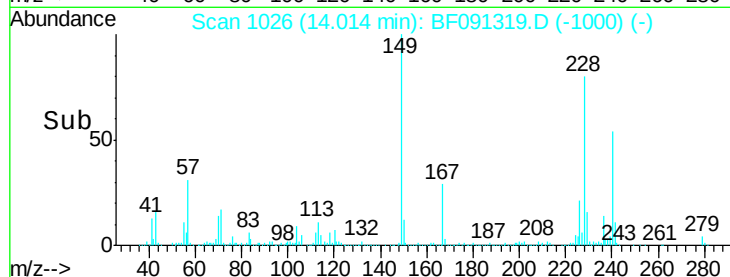
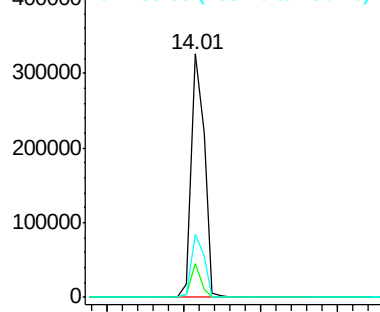
Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.1	18.1
236	25.7	21.0	31.6



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: 63.88 ng

RT: 12.71 min Scan# 912

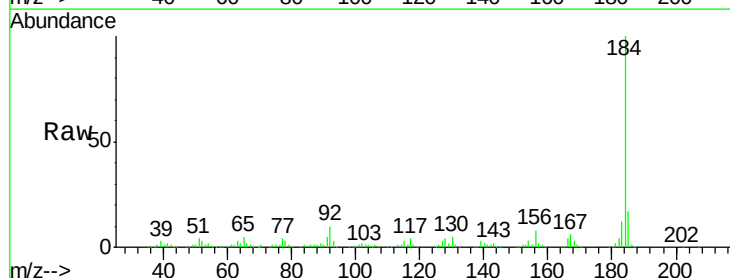
Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Tgt Ion:184 Resp: 489642

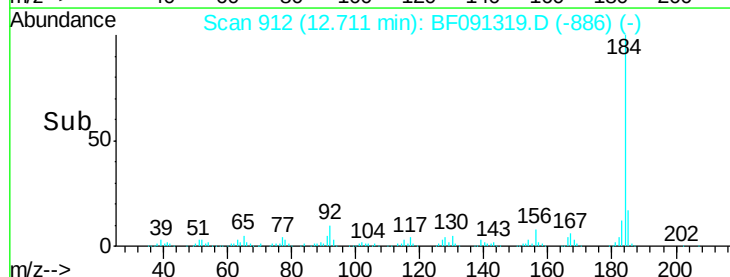
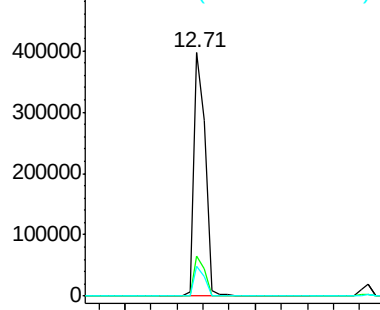
Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.1	19.7
183	12.0	8.9	13.3

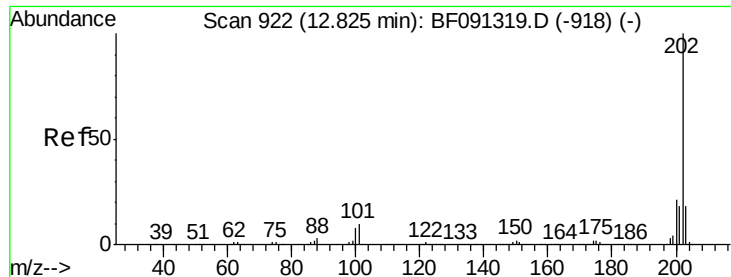


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

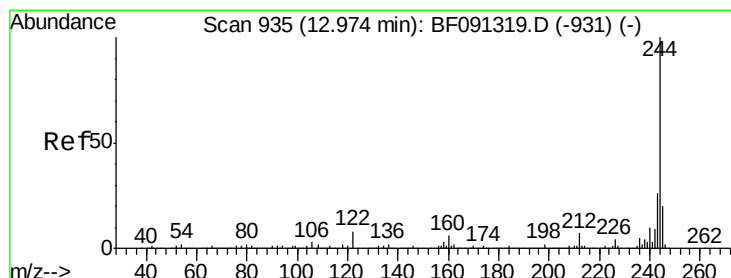
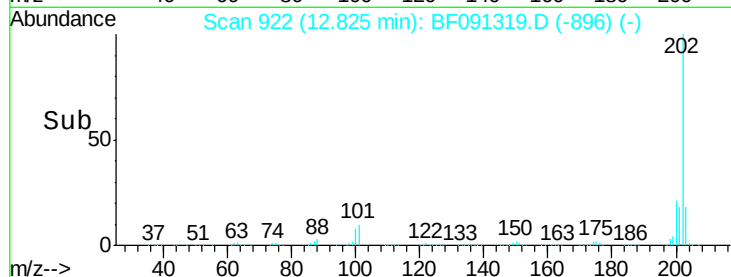
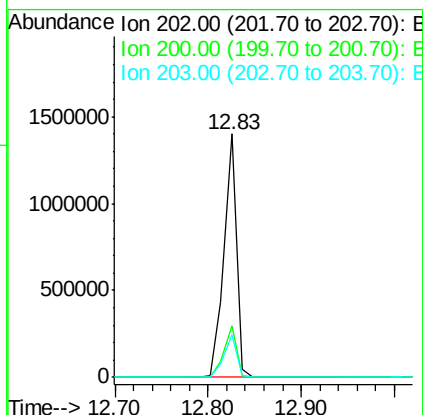
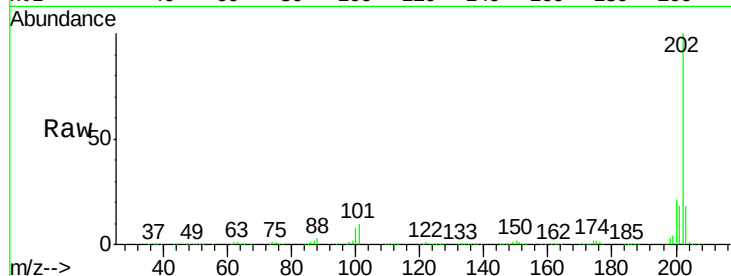




#77
 Pvrene
 Concen: 44.53 ng
 RT: 12.83 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

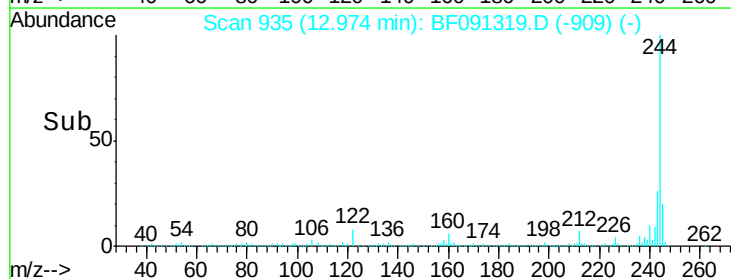
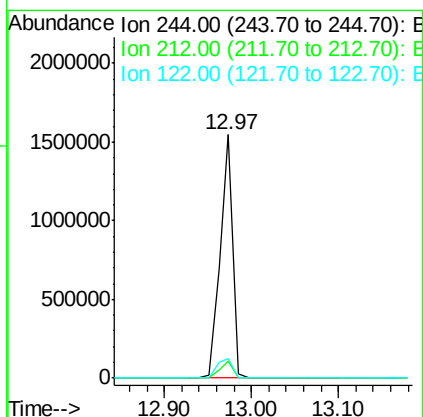
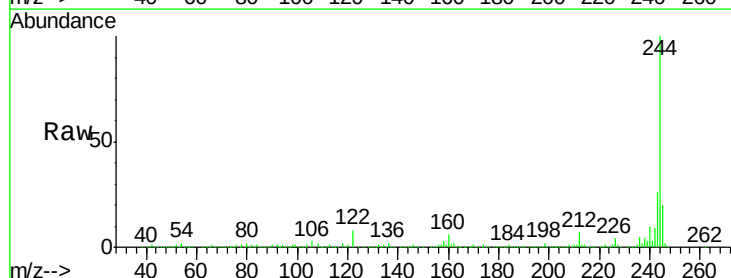
Instrument :
 BNA_F
 ClientSampleId :

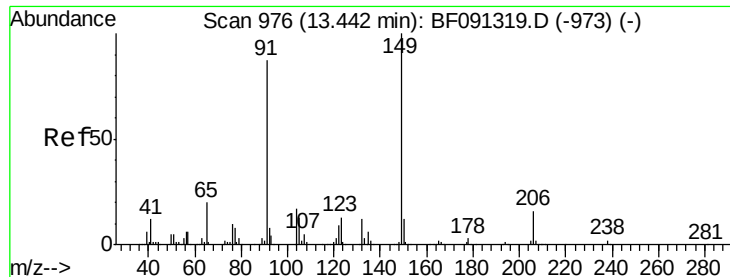
Tot Ion:202 Resp: 1301259
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 17.6 14.0 21.0



#78
 Terphenyl-d14
 Concen: 90.81 ng
 RT: 12.97 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:244 Resp: 1572629
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 8.3 9.5 14.3#

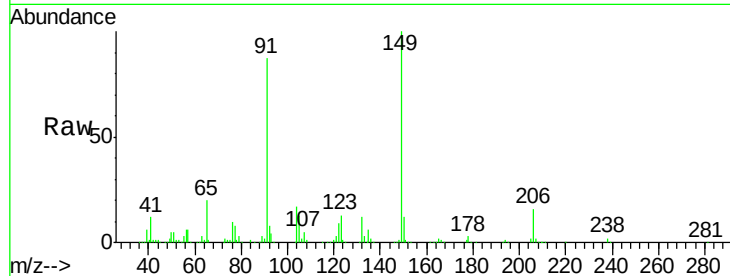




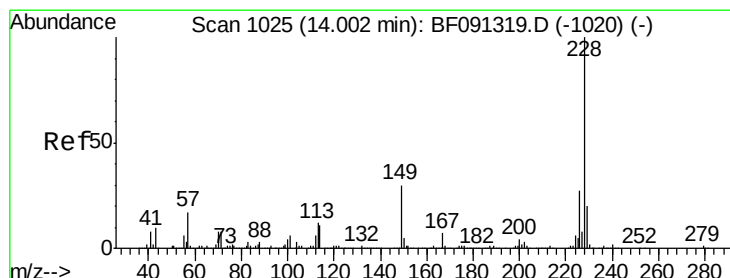
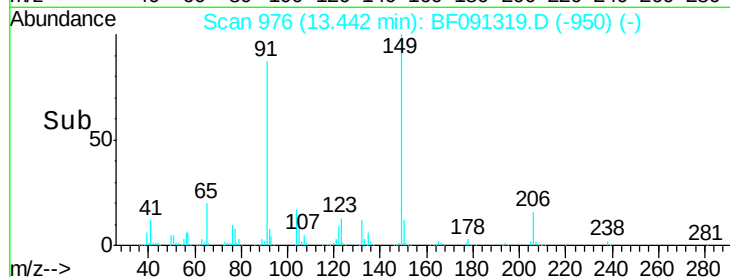
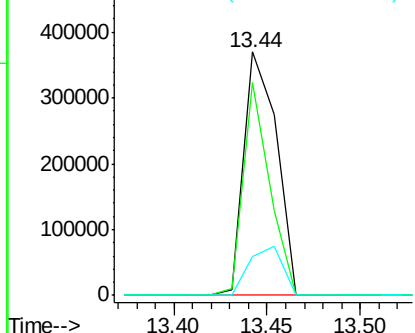
#79
Butylbenzylphthalate
Concen: 38.37 ng
RT: 13.44 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 448714
Ion Ratio Lower Upper
149 100
91 87.4 57.4 86.2#
206 16.0 15.4 23.2

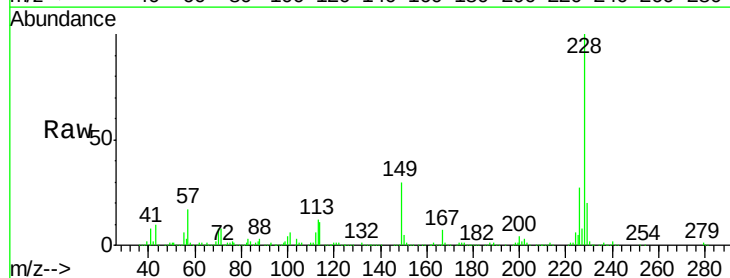


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

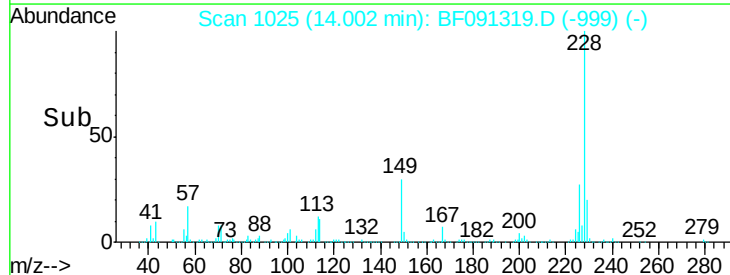
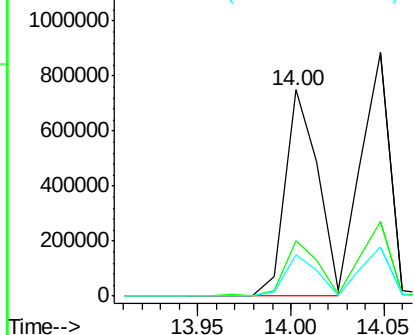


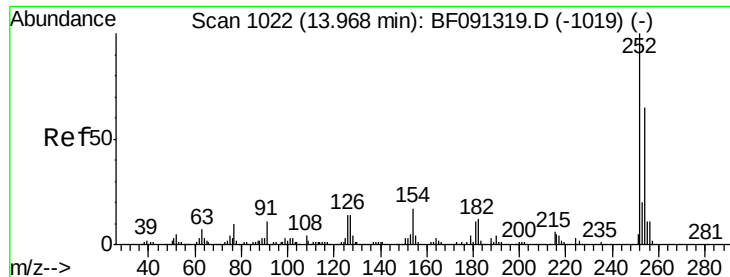
#80
Benzo(a)anthracene
Concen: 40.70 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:228 Resp: 913671
Ion Ratio Lower Upper
228 100
226 26.7 22.5 33.7
229 20.1 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

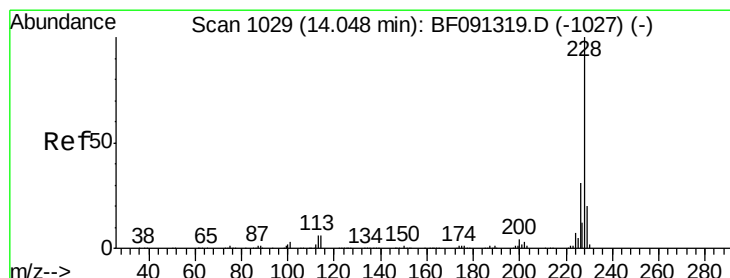
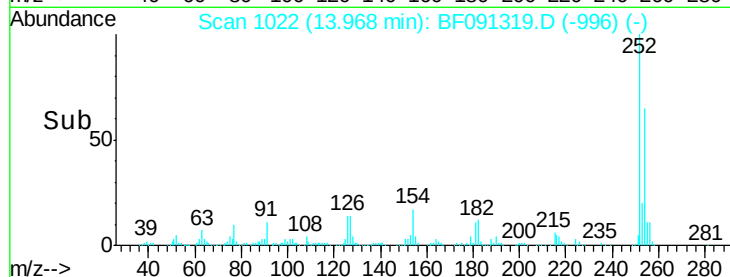
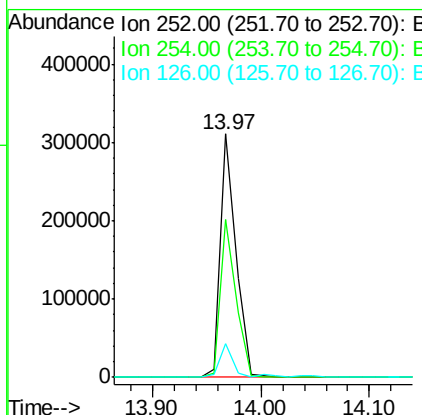
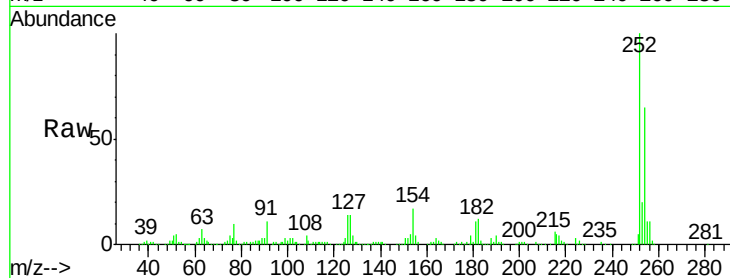




#81
 3,3'-Dichlorobenzidine
 Concen: 42.11 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

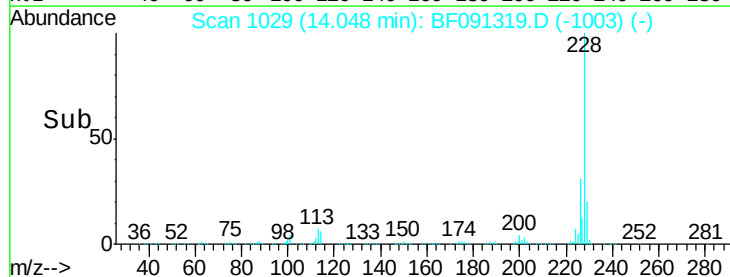
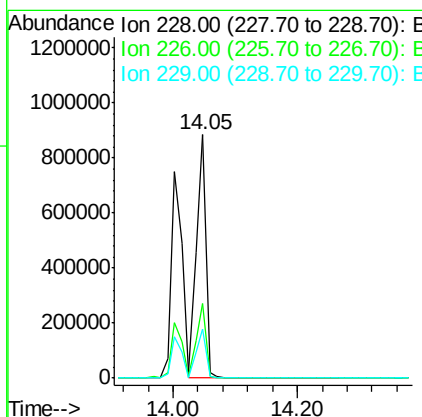
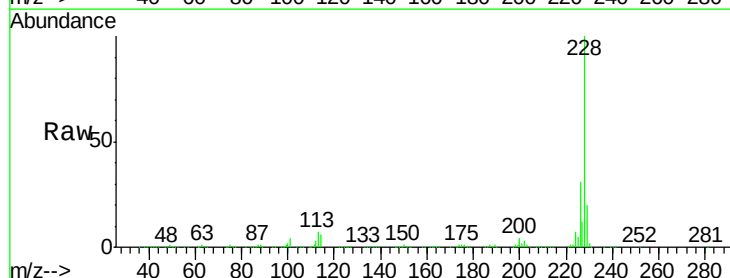
Instrument :
 BNA_F
 ClientSampleId :

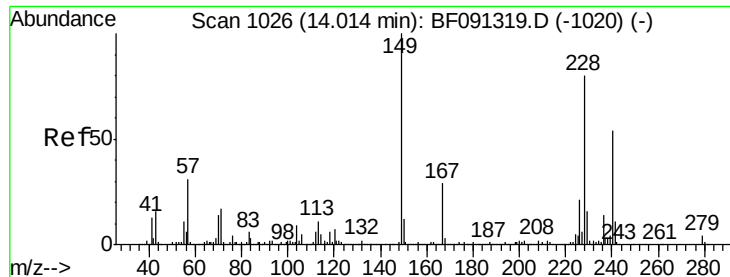
Tot Ion:252 Resp: 311747
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.1 78.1
 126 13.9 7.5 11.3#



#82
 Chrysene
 Concen: 44.68 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Tgt Ion:228 Resp: 947739
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.4
 229 19.9 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.59 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

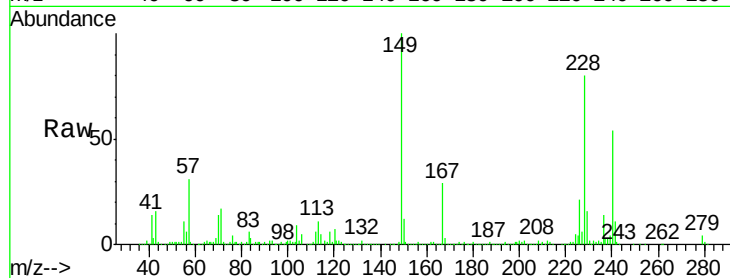
Tot Ion:149 Resp: 591024

Ion Ratio Lower Upper

149 100

167 28.9 19.6 29.4

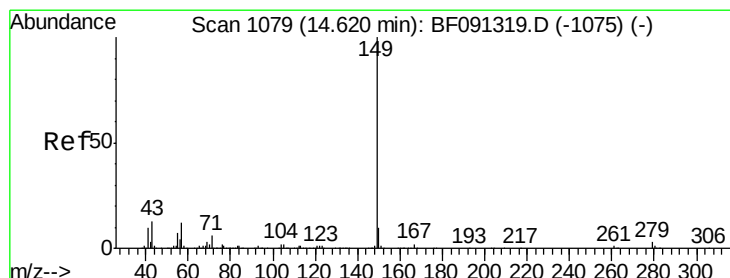
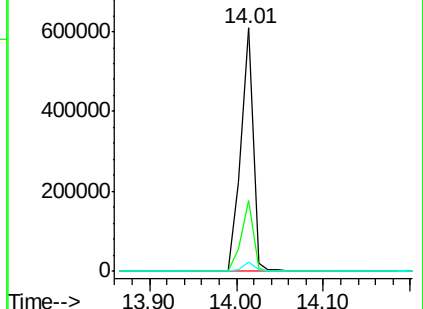
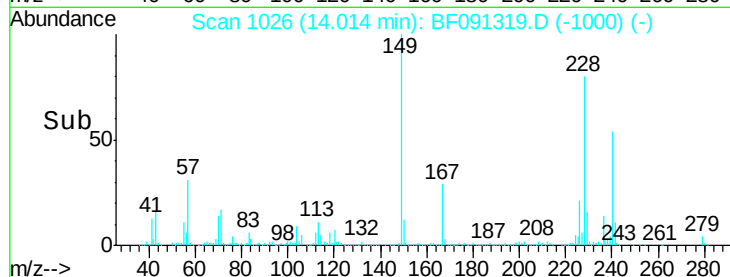
279 4.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.65 ng

RT: 14.62 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

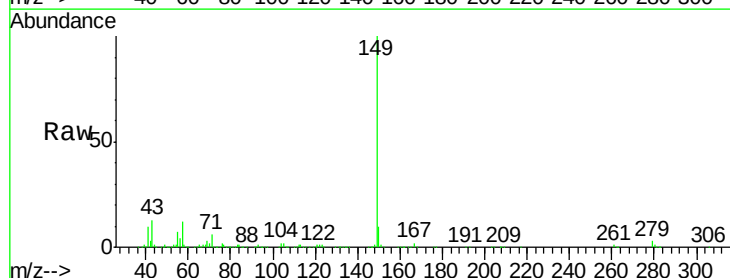
Tgt Ion:149 Resp: 885676

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

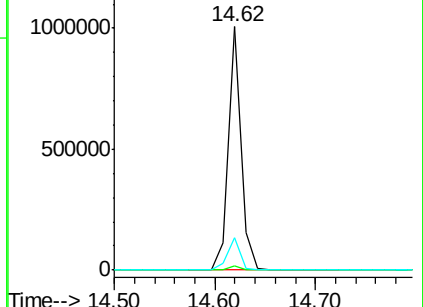
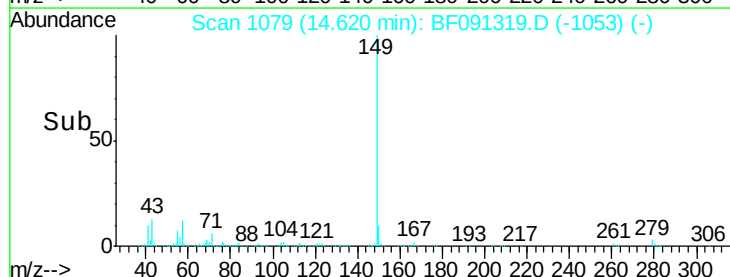
43 13.5 11.9 17.9

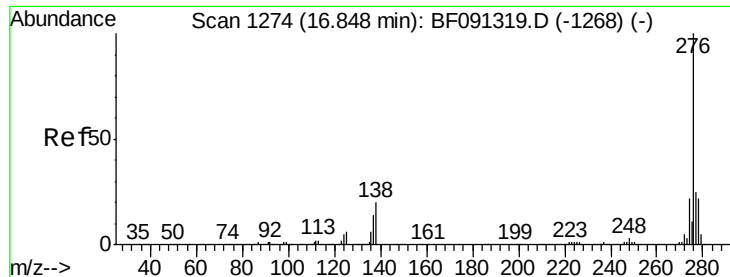


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

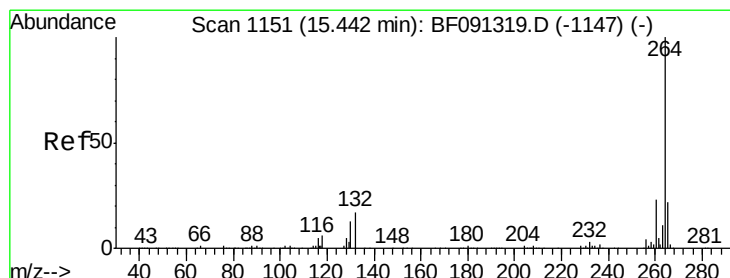
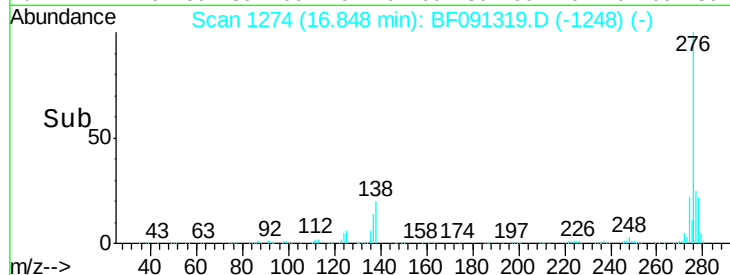
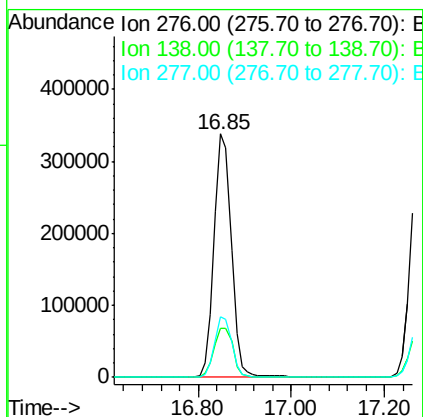
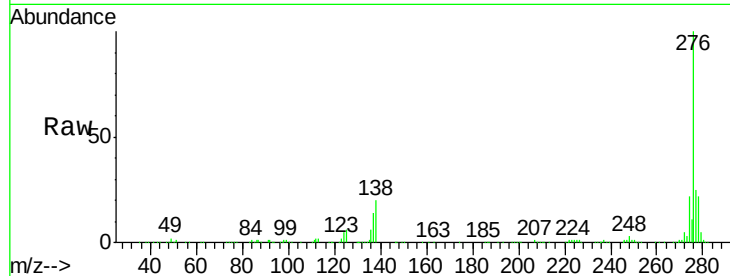




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.27 ng
RT: 16.85 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

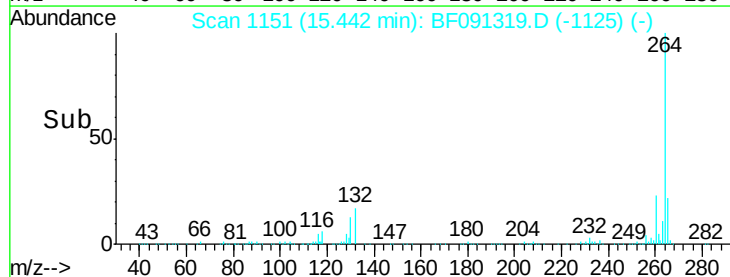
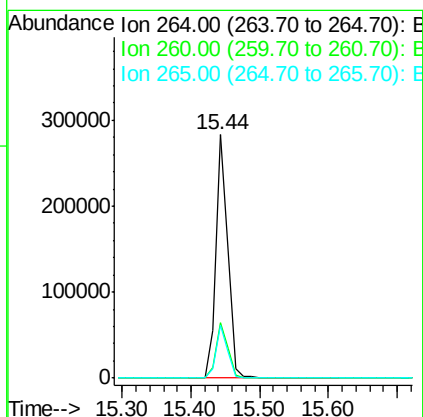
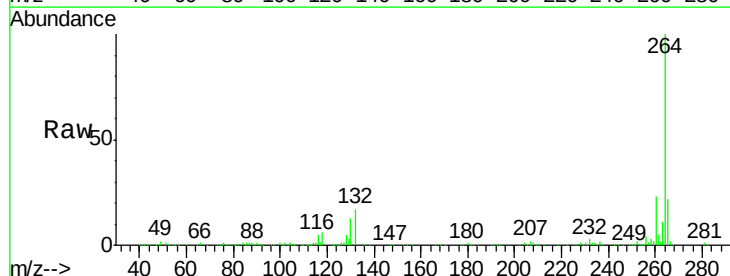
Instrument :
BNA_F
ClientSampleId :

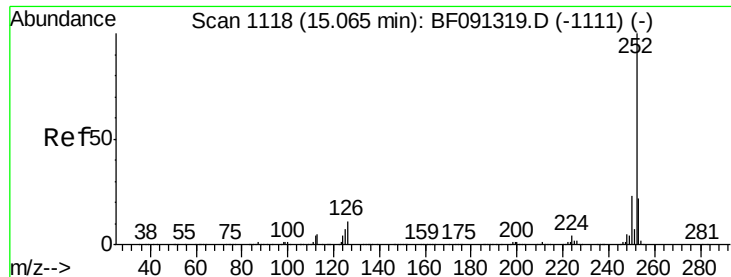
Tot Ion:276 Resp: 881820
Ion Ratio Lower Upper
276 100
138 22.2 21.0 31.4
277 24.9 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF091319.D
Acq: 29 Nov 2016 11:25

Tgt Ion:264 Resp: 348317
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.9 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 71.64 ng

RT: 15.07 min Scan# 1118

Delta R.T. 0.03 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

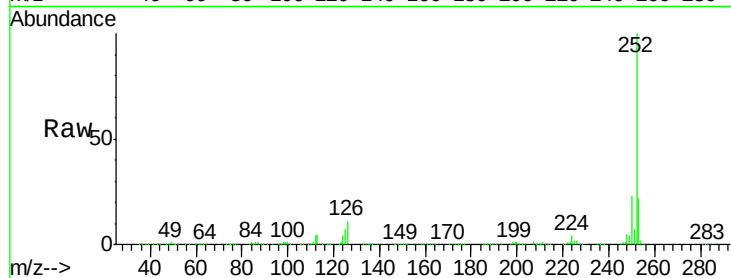
Tot Ion:252 Resp: 1574196

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

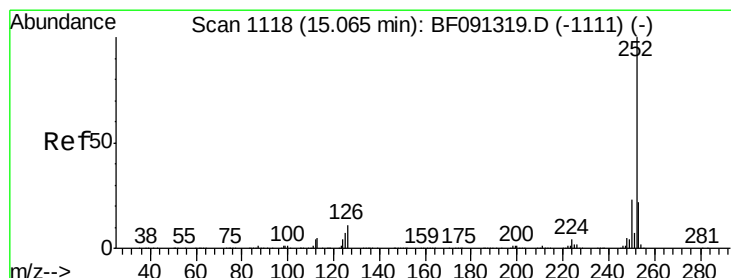
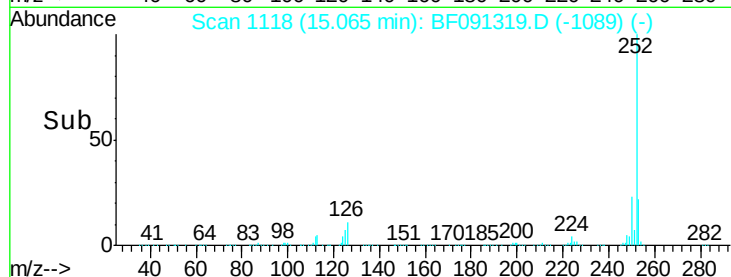
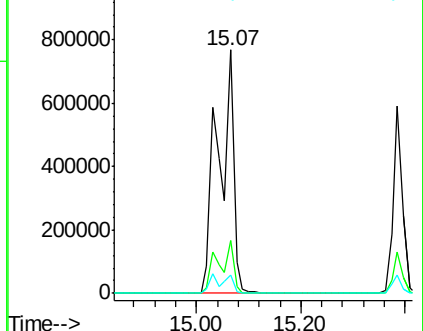
125 7.5 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.77 ng

RT: 15.07 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

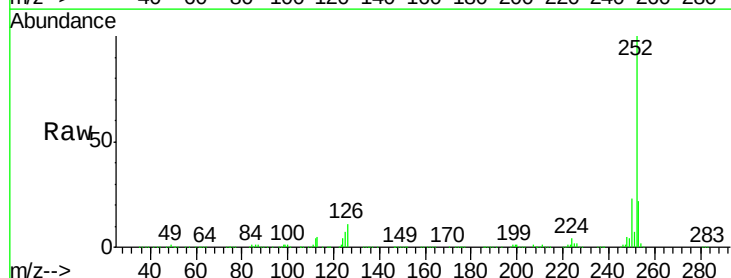
Tgt Ion:252 Resp: 1575100

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

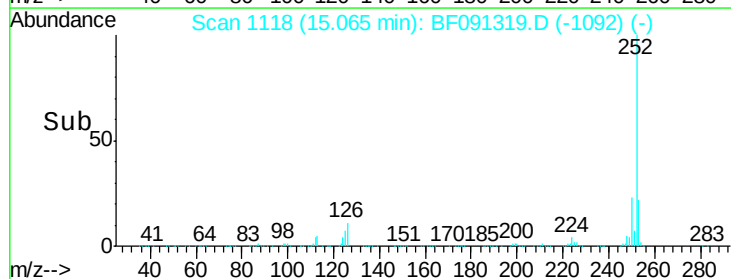
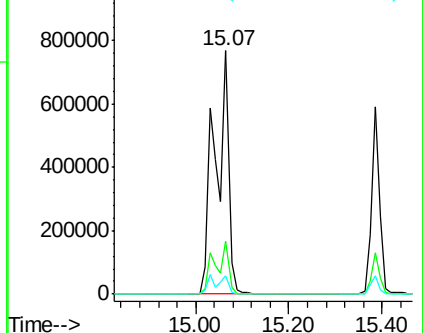
125 7.5 9.6 14.4#

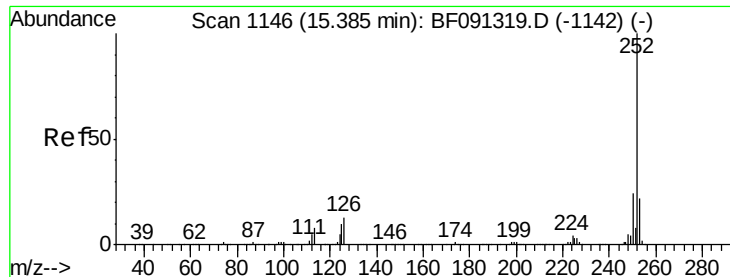


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.61 ng

RT: 15.39 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

Instrument :

BNA_F

ClientSampleId :

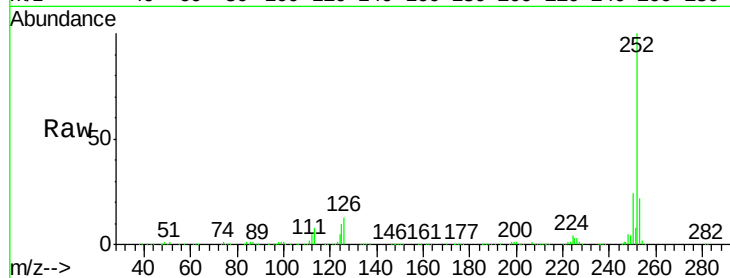
Tot Ion:252 Resp: 740392

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

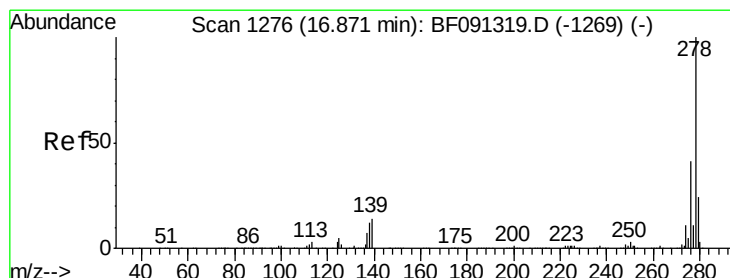
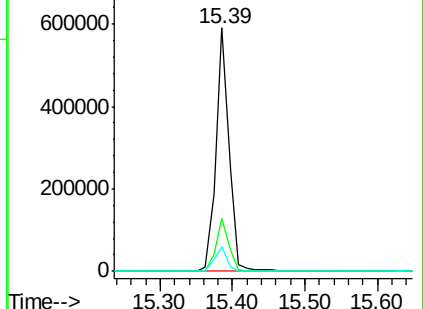
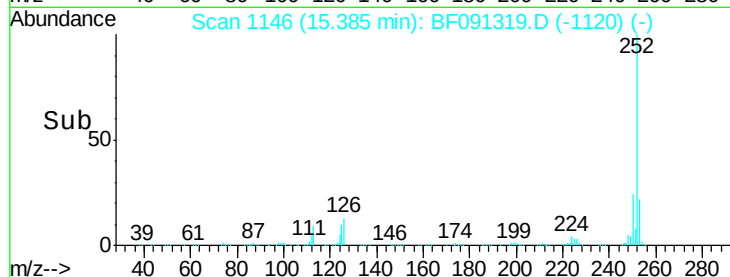
125 10.1 10.4 15.6#



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: 43.01 ng

RT: 16.87 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF091319.D

Acq: 29 Nov 2016 11:25

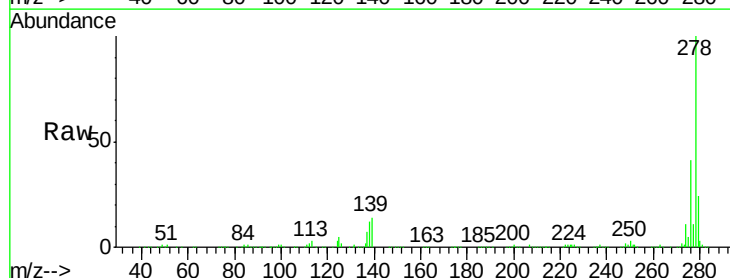
Tgt Ion:278 Resp: 742284

Ion Ratio Lower Upper

278 100

139 14.0 15.1 22.7#

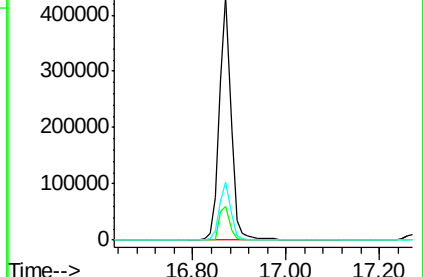
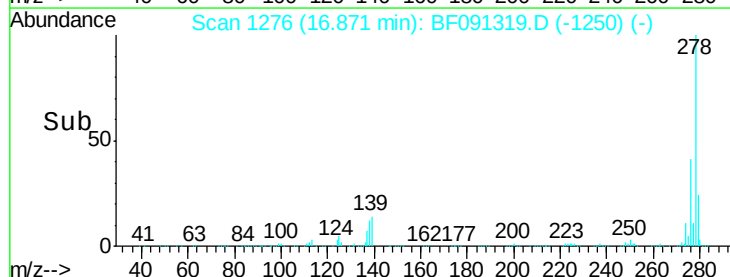
279 23.9 19.0 28.6

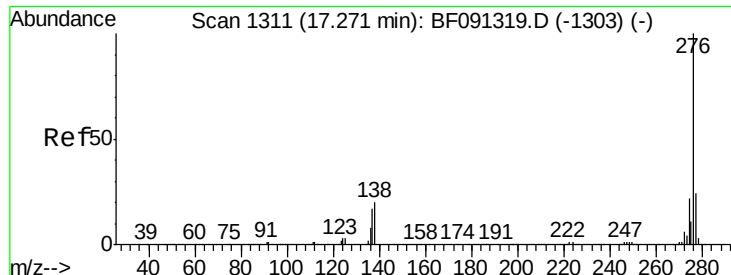


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

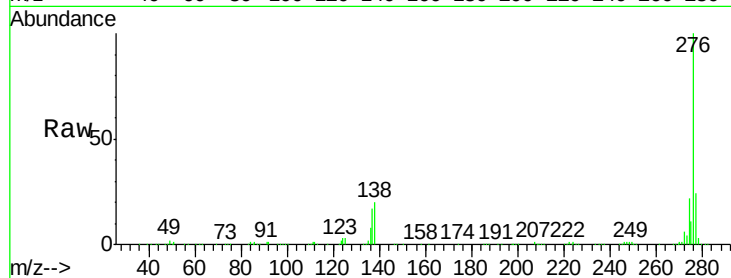




#91
 Benzo(a,h,i)perylene
 Concen: 45.72 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF091319.D
 Acq: 29 Nov 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.9	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

