

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
 Data File : BF090628.D
 Acq On : 18 Oct 2016 14:59
 Operator : UM/SJ
 Sample : PB94148BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Quant Time: Oct 19 11:09:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	195349	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	849901	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	434475	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	693139	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	478946	20.00	ng	-0.01
86) Perylene-d12	15.54	264	375723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	934982	87.74	ng	-0.01
7) Phenol-d6	6.53	99	1197330	75.62	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1183912	77.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	281291	72.62	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1951093	73.99	ng	-0.01
78) Terphenyl-d14	13.02	244	1954898	95.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	204098	33.61	ng	94
3) Pyridine	3.33	79	582344m	42.78	ng	
4) n-Nitrosodimethylamine	3.27	42	205198	42.99	ng	92
6) Aniline	6.55	93	441506	23.07	ng	# 42
8) 2-Chlorophenol	6.68	128	546110	39.52	ng	98
9) Benzaldehyde	6.44	77	142703	14.18	ng	93
10) Phenol	6.55	94	667340	36.85	ng	90
11) bis(2-Chloroethyl)ether	6.63	93	597900	40.02	ng	97
12) 1,3-Dichlorobenzene	6.84	146	561508	40.75	ng	98
13) 1,4-Dichlorobenzene	6.92	146	566993	37.83	ng	99
14) 1,2-Dichlorobenzene	7.07	146	553116	39.48	ng	99
15) Benzyl Alcohol	7.05	79	508905	47.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	803633	38.22	ng	93
17) 2-Methylphenol	7.16	107	459760	42.70	ng	96
18) Hexachloroethane	7.41	117	223074	37.67	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	456115	42.01	ng	# 86
20) 3+4-Methylphenols	7.31	107	538475	41.25	ng	97
22) Acetophenone	7.31	105	739566	39.39	ng	# 94
24) Nitrobenzene	7.48	77	573482	36.52	ng	98
25) Isophorone	7.72	82	1164170	41.81	ng	99
26) 2-Nitrophenol	7.80	139	278698	39.12	ng	98
27) 2,4-Dimethylphenol	7.85	122	514742	43.55	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	698644	42.49	ng	99
29) 2,4-Dichlorophenol	8.05	162	409665	39.57	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	469362	38.70	ng	99
31) Naphthalene	8.21	128	1646825	38.04	ng	99
32) Benzoic acid	7.97	122	266601	36.72	ng	97
33) 4-Chloroaniline	8.26	127	199407	12.05	ng	98
34) Hexachlorobutadiene	8.33	225	239229	35.31	ng	99
35) Caprolactam	8.63	113	149995m	51.91	ng	
36) 4-Chloro-3-methylphenol	8.75	107	495754	41.50	ng	# 81
37) 2-Methylnaphthalene	8.90	142	956358	37.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	438571	38.07	ng	99
40) Hexachlorocyclopentadiene	9.06	237	439873	78.16	ng	98

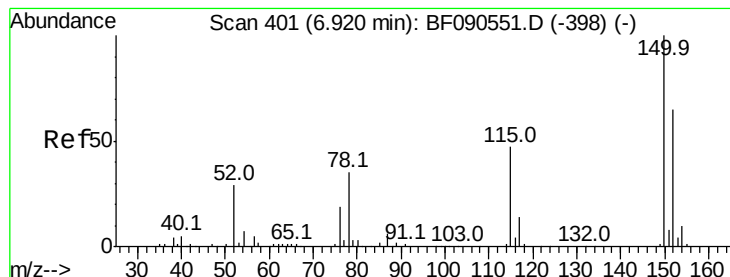
Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
 Data File : BF090628.D
 Acq On : 18 Oct 2016 14:59
 Operator : UM/SJ
 Sample : PB94148BS
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Quant Time: Oct 19 11:09:26 2016
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 Quant Title : ASP BNA STANDARDS 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	9.18	196	297143	45.73	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	312122	40.27	nq	# 88
45) 1,1'-Biphenyl	9.37	154	1190080	35.99	nq	98
46) 2-Chloronaphthalene	9.39	162	940327	38.15	nq	97
47) 2-Nitroaniline	9.49	65	366983	41.06	nq	100
48) Acenaphthylene	9.81	152	1560948	39.76	nq	99
49) Dimethylphthalate	9.67	163	1191442	42.27	nq	# 98
50) 2,6-Dinitrotoluene	9.73	165	256864	41.64	nq	# 82
51) Acenaphthene	9.98	154	1108016	42.47	nq	99
52) 3-Nitroaniline	9.90	138	164078	21.20	nq	99
53) 2,4-Dinitrophenol	10.01	184	229455	69.33	nq	# 70
54) Dibenzofuran	10.15	168	1345342	39.20	nq	94
55) 4-Nitrophenol	10.07	139	404597	86.86	nq	# 81
56) 2,4-Dinitrotoluene	10.13	165	322469	38.49	nq	# 66
57) Fluorene	10.50	166	1121997	39.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	230068m	35.64	nq	
59) Diethylphthalate	10.37	149	1219974	42.67	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	493578	36.98	nq	# 88
61) 4-Nitroaniline	10.52	138	261807	33.73	nq	97
62) Azobenzene	10.65	77	1376281	41.62	nq	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	147029	35.05	nq	# 52
65) n-Nitrosodiphenylamine	10.61	169	940214	41.07	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	277797	37.35	nq	# 81
67) Hexachlorobenzene	11.05	284	317832	39.36	nq	# 84
68) Atrazine	11.14	200	294562	46.52	nq	98
69) Pentachlorophenol	11.24	266	351928	87.93	nq	96
70) Phenanthrene	11.46	178	1431726	38.69	nq	98
71) Anthracene	11.51	178	1618961	40.66	nq	100
72) Carbazole	11.66	167	1305099	36.61	nq	98
73) Di-n-butylphthalate	11.99	149	1690800	40.49	nq	# 98
74) Fluoranthene	12.65	202	1373636	36.91	nq	95
76) Benzidine	12.77	184	334496	28.07	nq	97
77) Pyrene	12.87	202	1306263	41.18	nq	100
79) Butylbenzylphthalate	13.49	149	666720	47.44	nq	# 85
80) Benzo(a)anthracene	14.06	228	1049005	38.47	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	251606	27.01	nq	100
82) Chrysene	14.10	228	1030058	39.21	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	944347	49.81	nq	# 95
84) Di-n-octyl phthalate	14.67	149	1332771	52.43	nq	100
85) Indeno(1,2,3-cd)pyrene	16.99	276	1082739	71.28	nq	99
87) Benzo(b)fluoranthene	15.12	252	975990	39.70	nq	# 94
88) Benzo(k)fluoranthene	15.14	252	864430m	32.68	nq	
89) Benzo(a)pyrene	15.47	252	899270	39.95	nq	100
90) Dibenzo(a,h)anthracene	17.00	278	924650	53.87	nq	98
91) Benzo(g,h,i)perylene	17.42	276	906043	55.36	nq	97

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

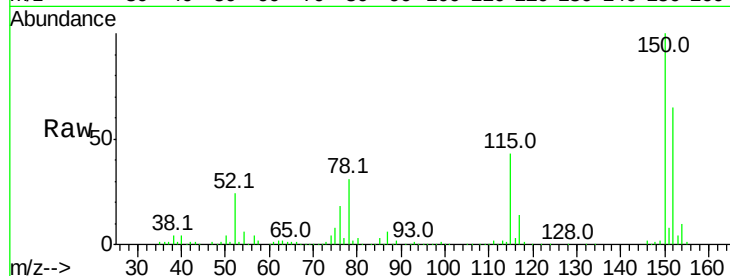


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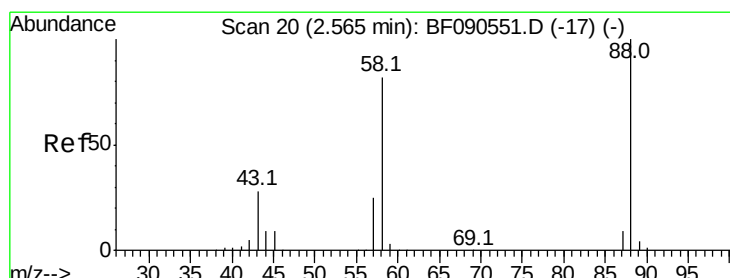
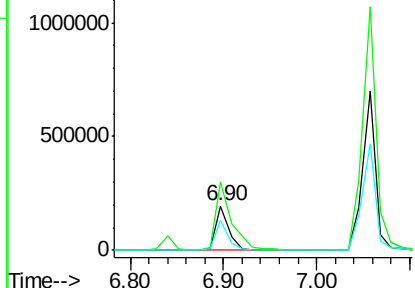
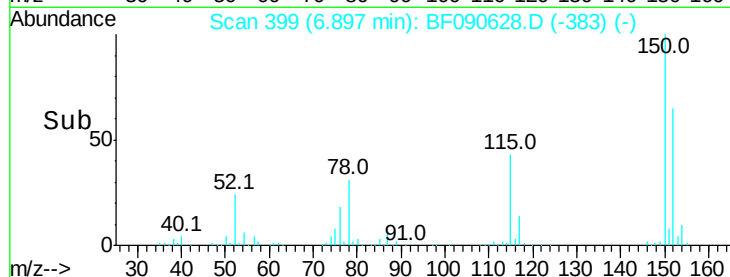
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tot Ion:152 Resp: 195349
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 66.2 58.6 88.0



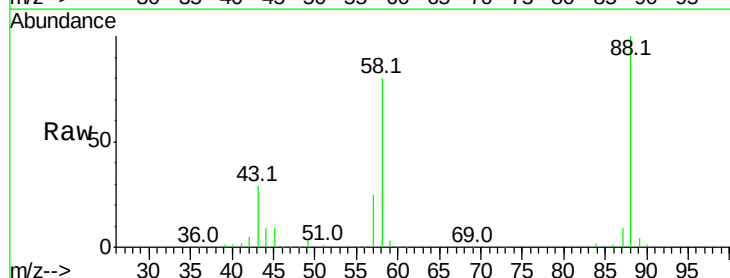
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



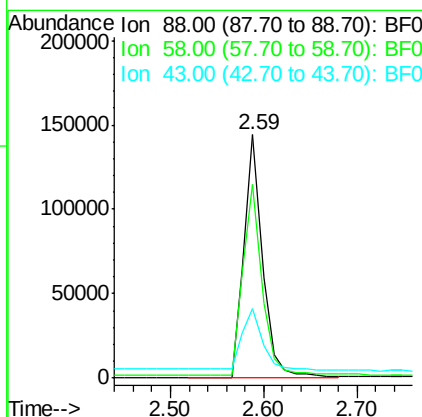
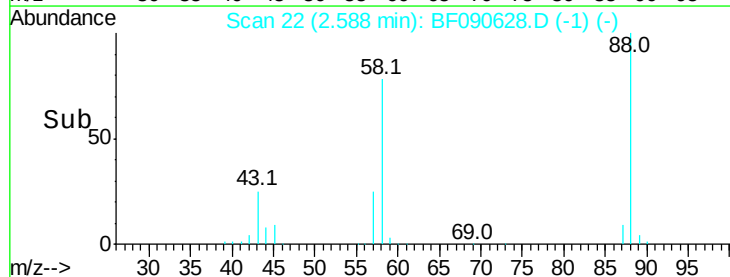
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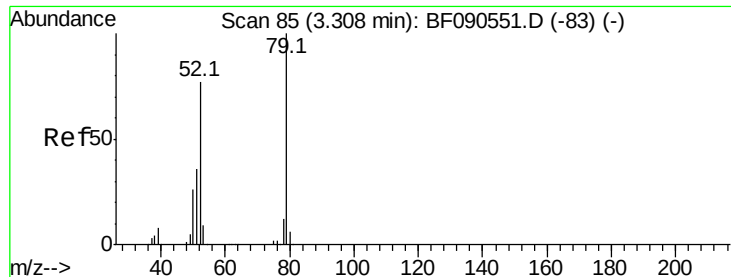
1,4-Dioxane
Concen: 33.61 ng
RT: 2.59 min Scan# 22
Delta R.T. 0.06 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion: 88 Resp: 204098
Ion Ratio Lower Upper
88 100
58 78.7 67.2 100.8
43 26.3 24.1 36.1



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

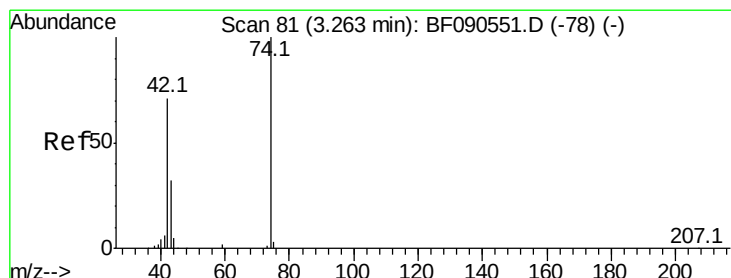
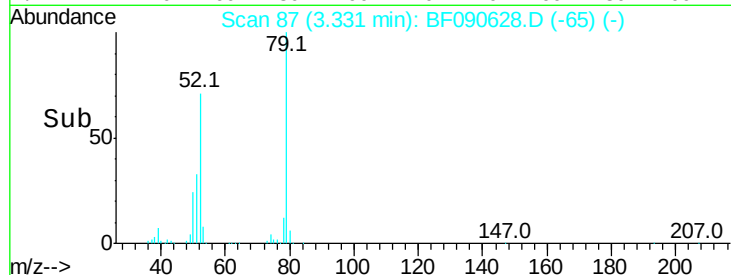
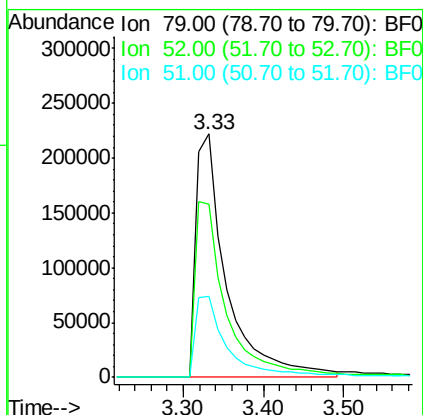
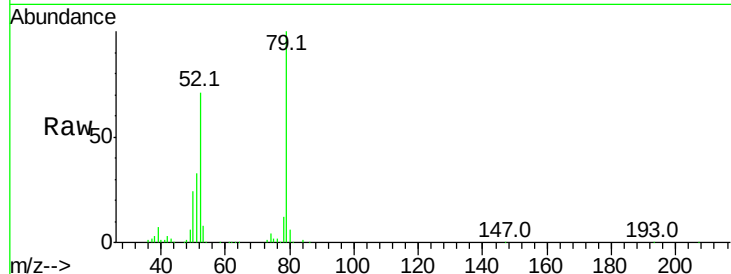




#3
 Pvridine
 Concen: 42.78 ng/ml
 RT: 3.33 min Scan# 87
 Delta R.T. 0.06 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

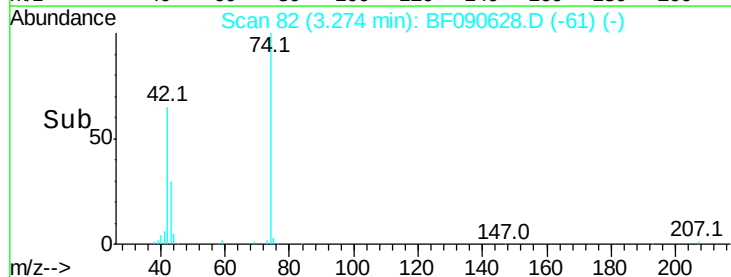
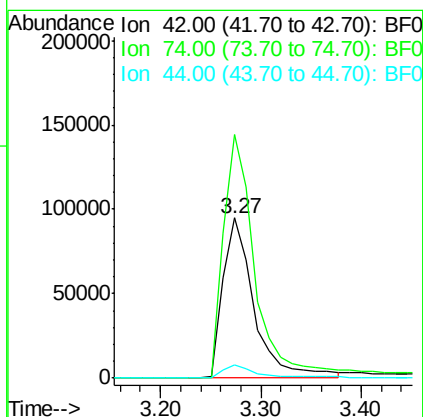
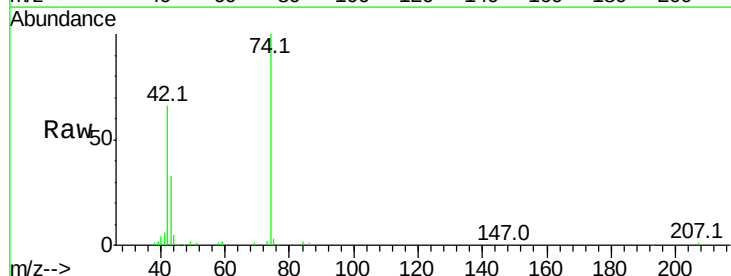
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

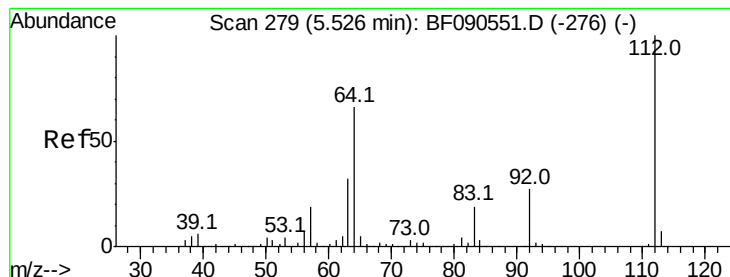
Tot Ion: 79 Resp: 582344
 Ion Ratio Lower Upper
 79 100
 52 71.2 61.8 92.8
 51 33.1 29.2 43.8



#4
 n-Nitrosodimethylamine
 Concen: 42.99 ng/ml
 RT: 3.27 min Scan# 82
 Delta R.T. 0.05 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion: 42 Resp: 205198
 Ion Ratio Lower Upper
 42 100
 74 152.3 113.3 169.9
 44 7.9 6.0 9.0





#5

2-Fluorophenol

Concen: 87.74 ng

RT: 5.50 min Scan# 277

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

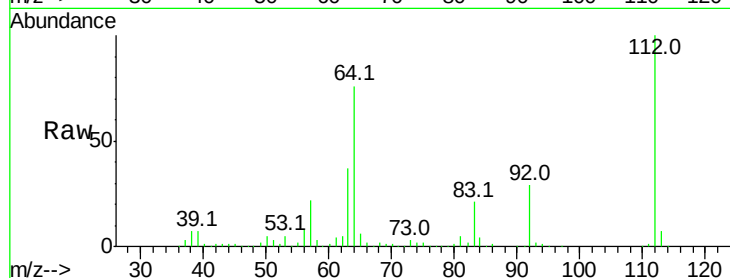
Tot Ion:112 Resp: 934982

Ion Ratio Lower Upper

112 100

64 75.7 52.6 78.8

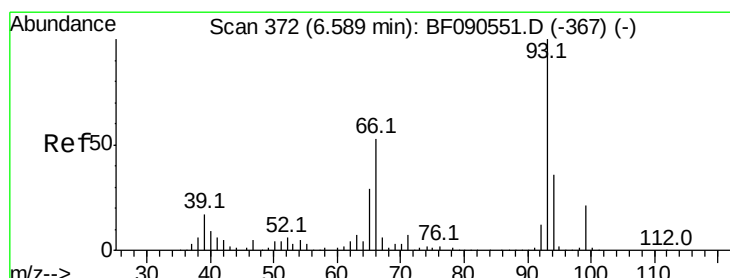
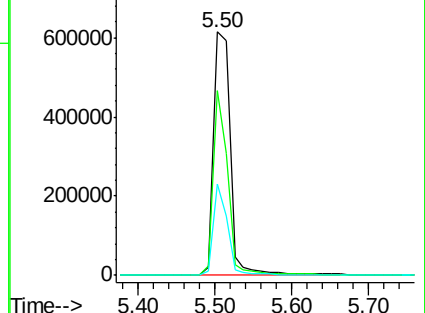
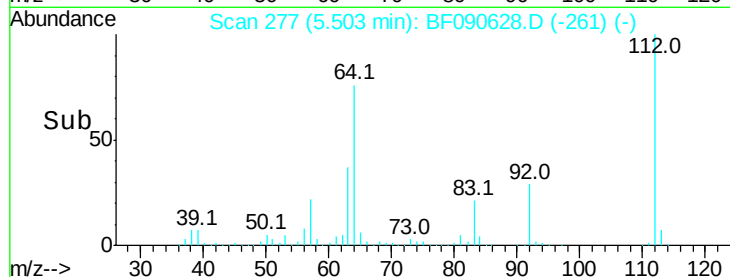
63 37.5 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.07 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

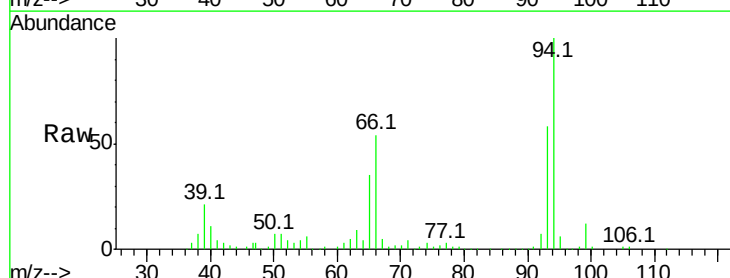
Tgt Ion: 93 Resp: 441506

Ion Ratio Lower Upper

93 100

66 92.5 42.2 63.2#

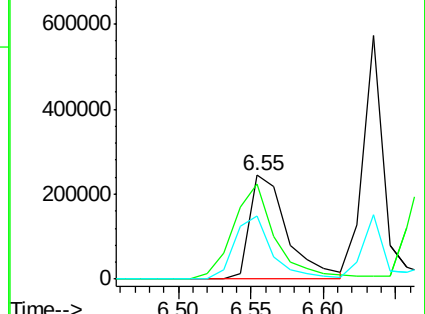
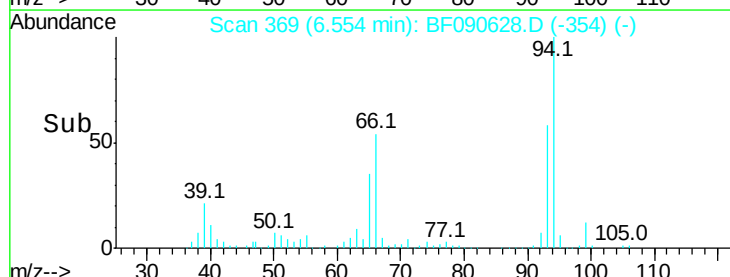
65 60.6 22.9 34.3#

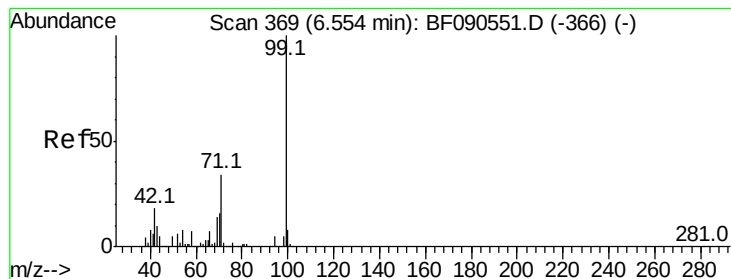


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.62 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

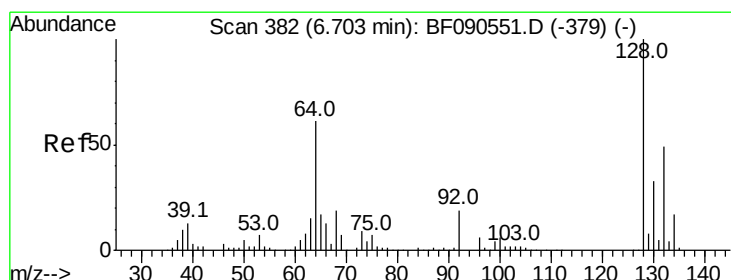
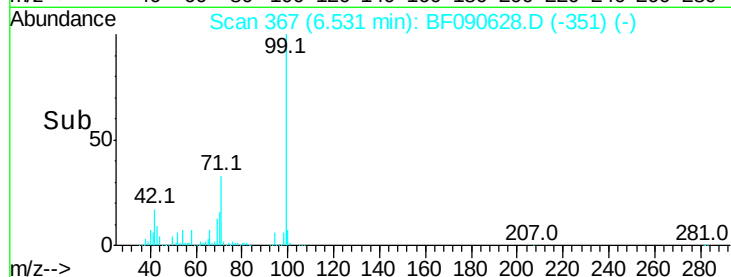
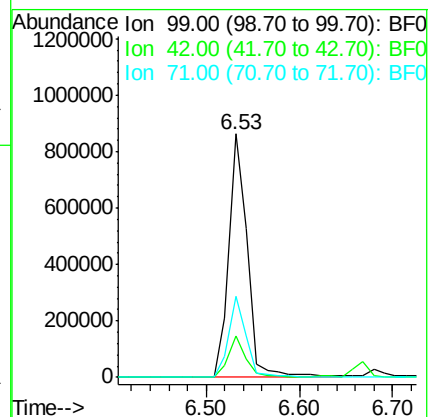
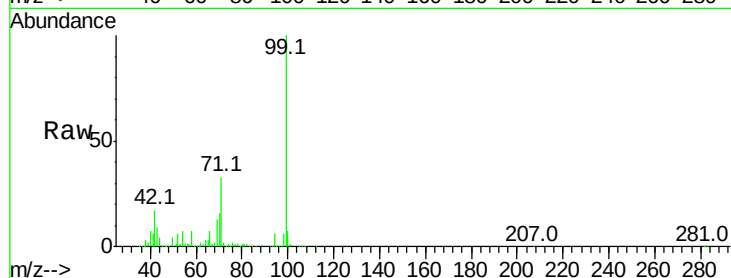
Tot Ion: 99 Resp: 1197330

Ion Ratio Lower Upper

99 100

42 17.1 14.7 22.1

71 33.5 27.6 41.4



#8

2-Chlorophenol

Concen: 39.52 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

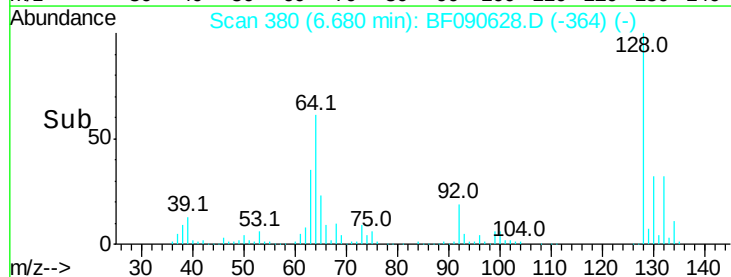
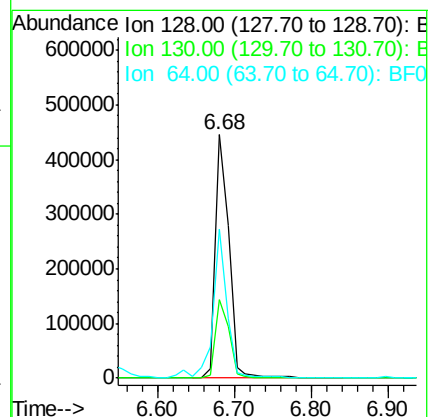
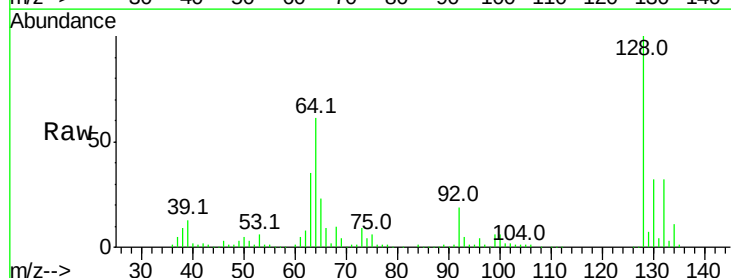
Tgt Ion: 128 Resp: 546110

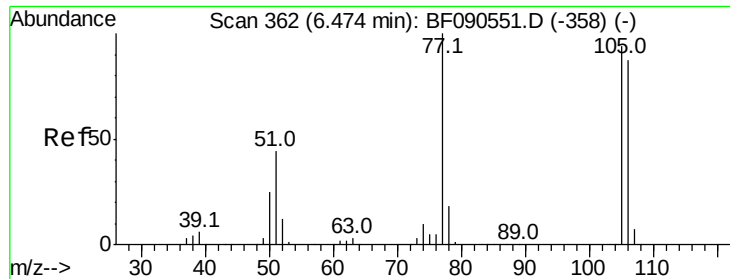
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 60.9 42.6 82.6





#9

Benzaldehyde

Concen: 14.18 ng

RT: 6.44 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleID :

PB94148BS

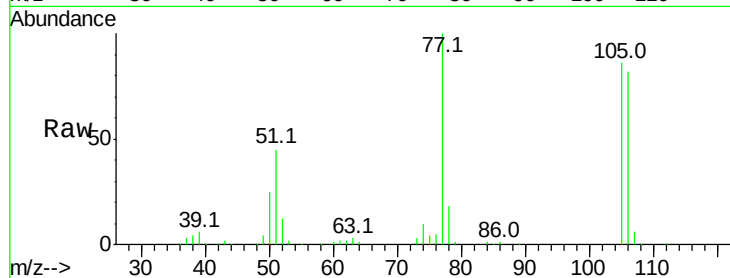
Tot Ion: 77 Resp: 142703

Ion Ratio Lower Upper

77 100

105 86.1 74.3 114.3

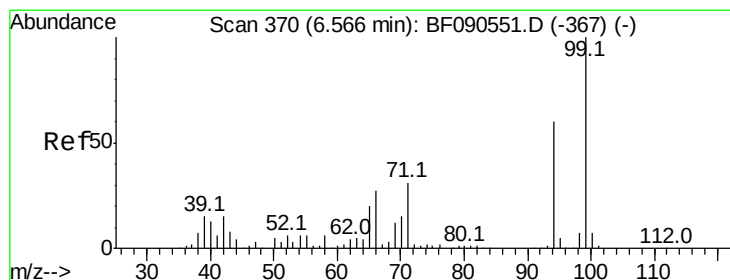
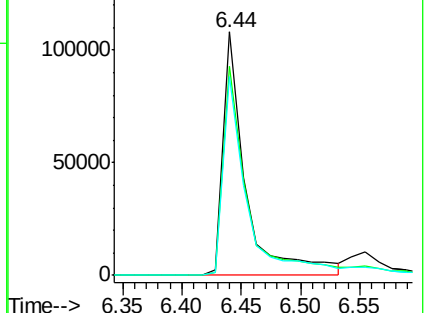
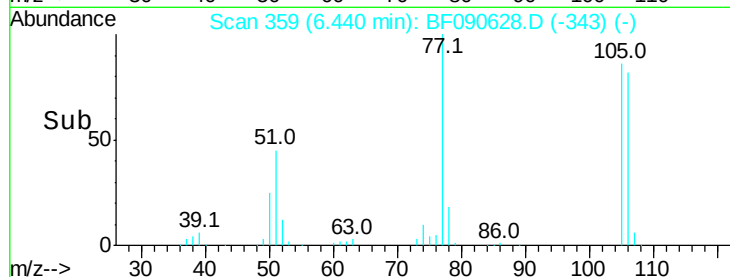
106 81.5 67.2 107.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.85 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

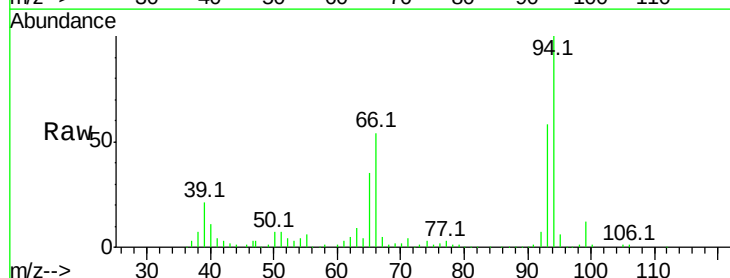
Tgt Ion: 94 Resp: 667340

Ion Ratio Lower Upper

94 100

65 35.4 12.5 52.5

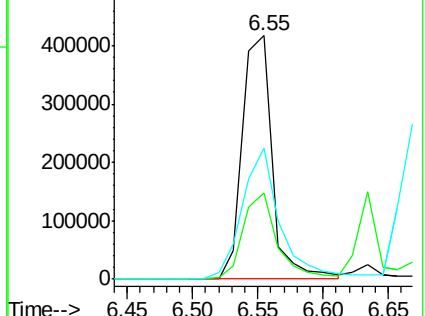
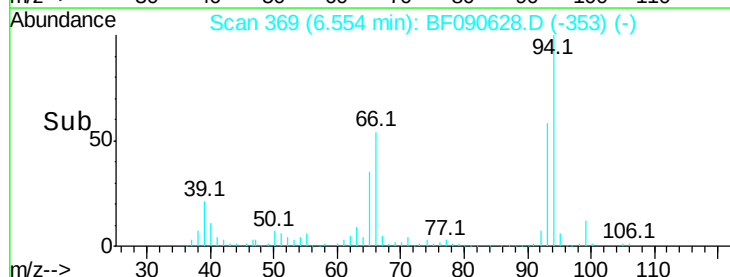
66 54.0 25.5 65.5

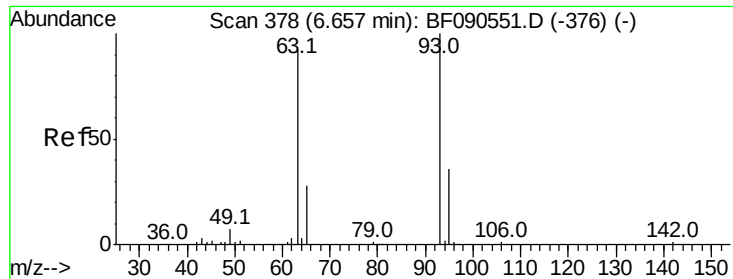


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.02 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

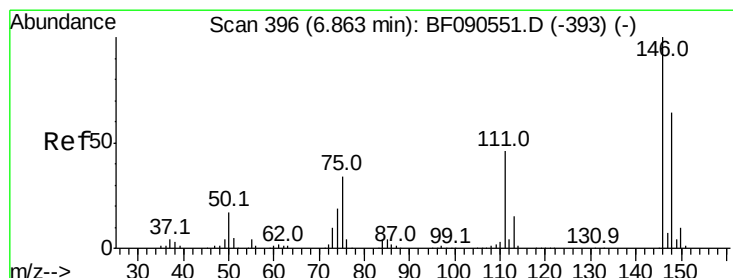
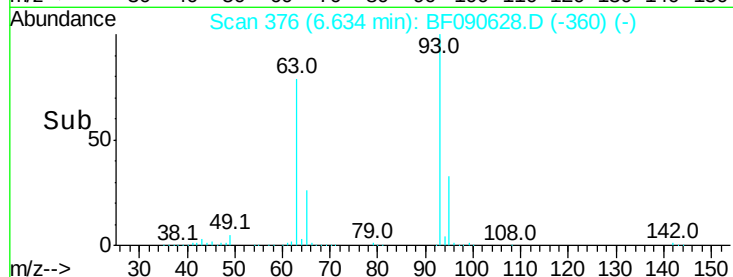
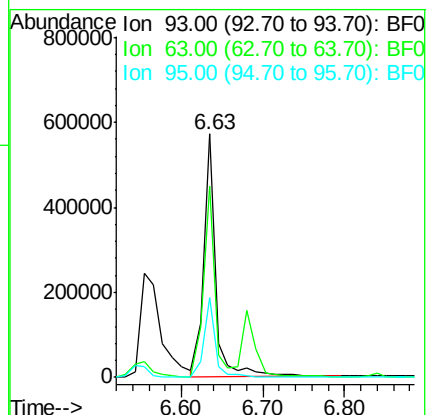
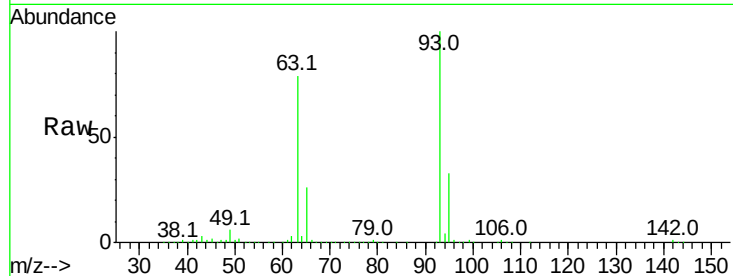
Tot Ion: 93 Resp: 597900

Ion Ratio Lower Upper

93 100

63 78.7 61.6 101.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.75 ng

RT: 6.84 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

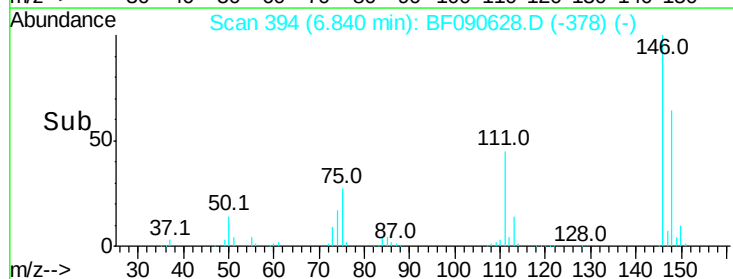
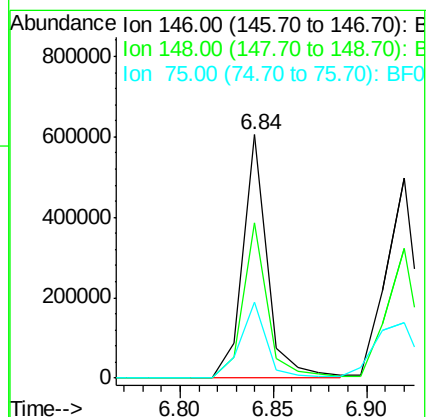
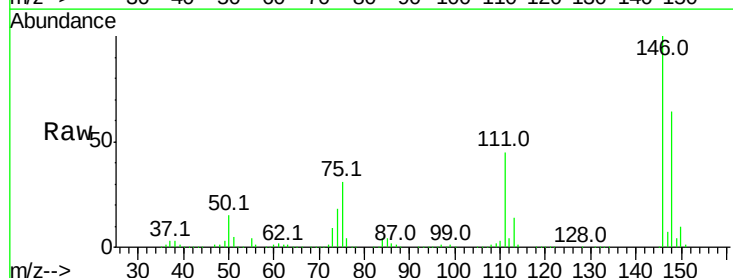
Tgt Ion: 146 Resp: 561508

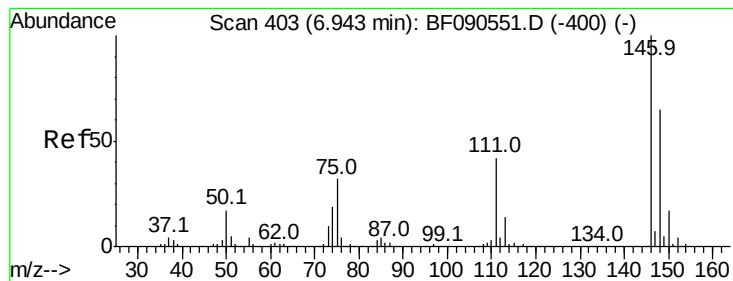
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

75 31.1 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 37.83 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

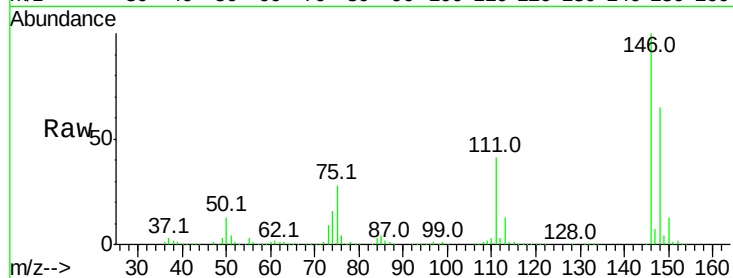
Tot Ion:146 Resp: 566993

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

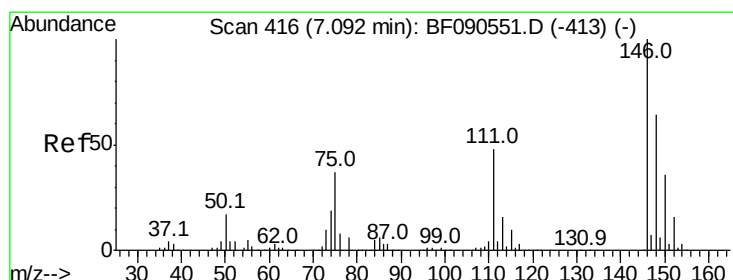
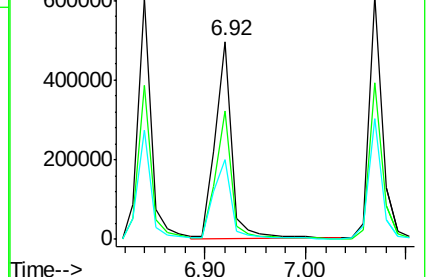
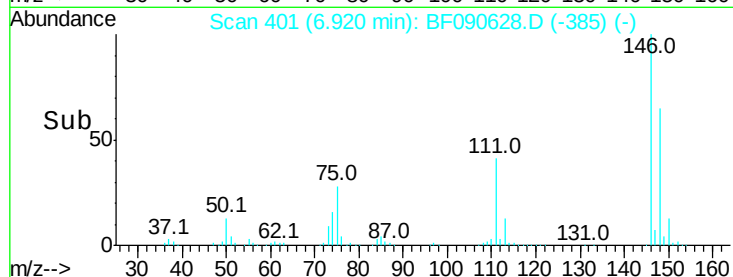
111 40.6 33.7 50.5



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: 39.48 ng

RT: 7.07 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

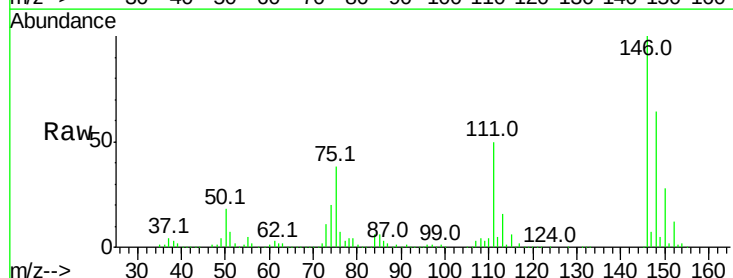
Tgt Ion:146 Resp: 553116

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

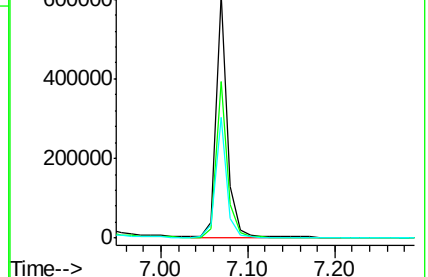
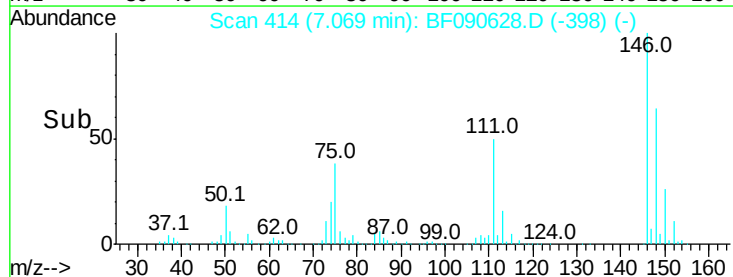
111 49.7 38.2 57.2

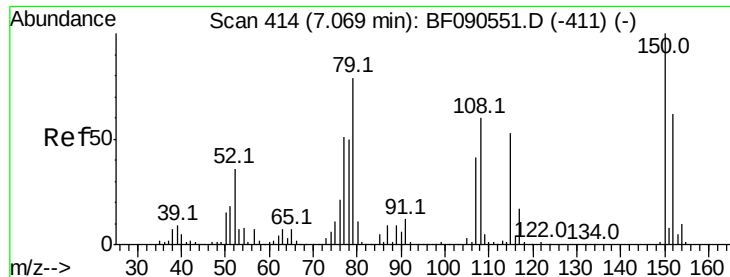


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

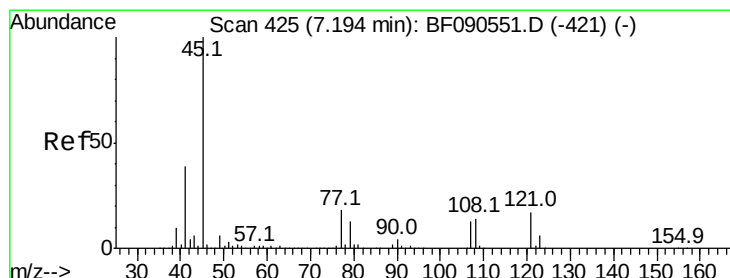
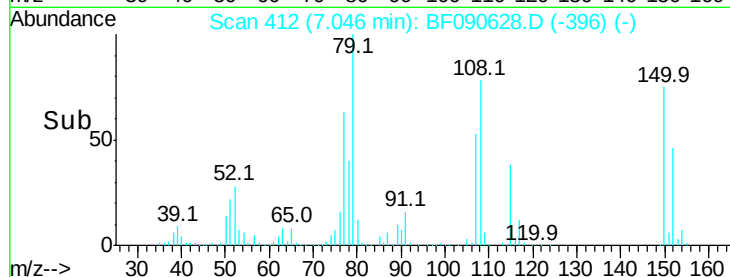
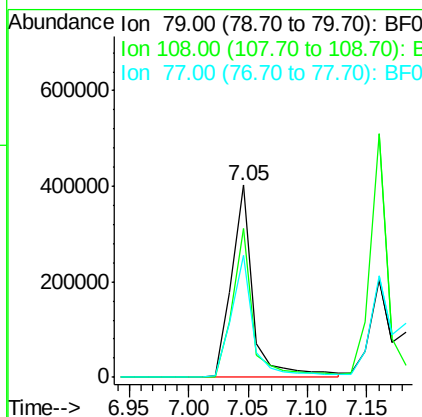
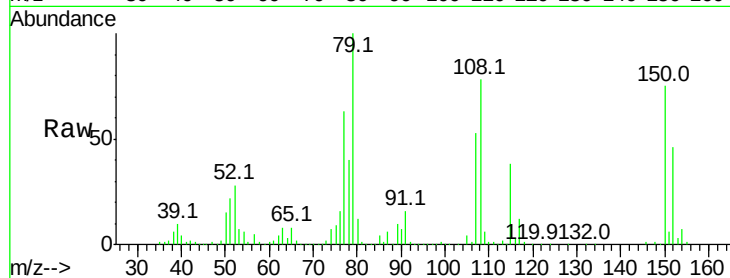




#15
Benzyl Alcohol
Concen: 47.19 ng
RT: 7.05 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

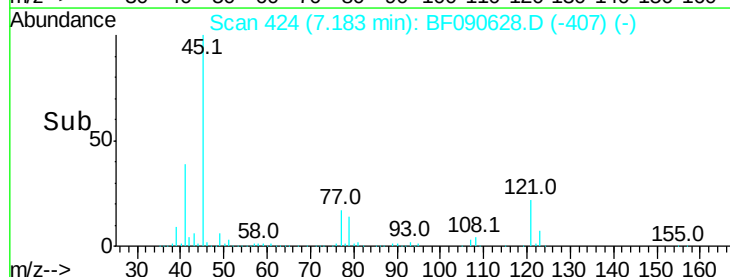
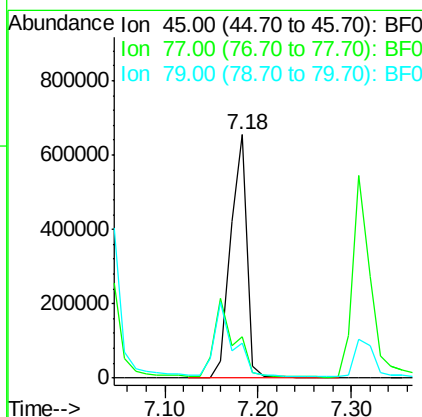
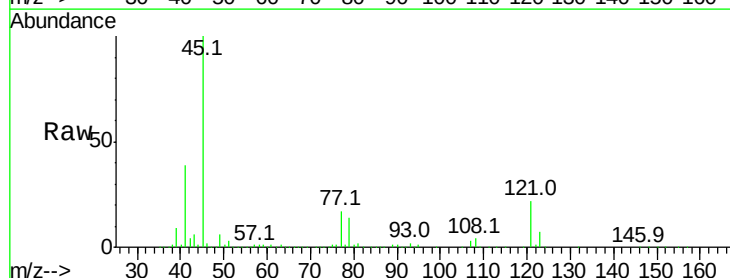
Instrument :
BNA_F
ClientSampleId :
PB94148BS

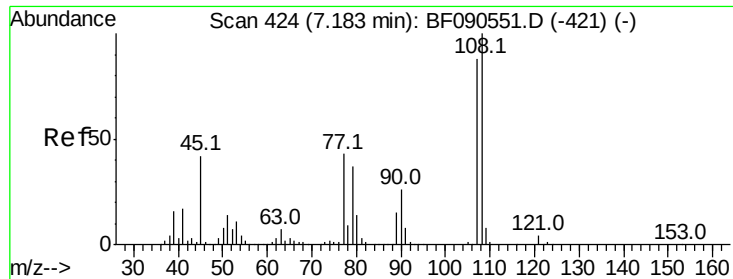
Tot Ion: 79 Resp: 508905
Ion Ratio Lower Upper
79 100
108 77.7 60.2 90.4
77 63.1 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.22 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion: 45 Resp: 803633
Ion Ratio Lower Upper
45 100
77 17.2 0.9 40.9
79 14.3 0.0 37.3





#17

2-Methylphenol

Concen: 42.70 ng

RT: 7.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tot Ion:107 Resp: 459760

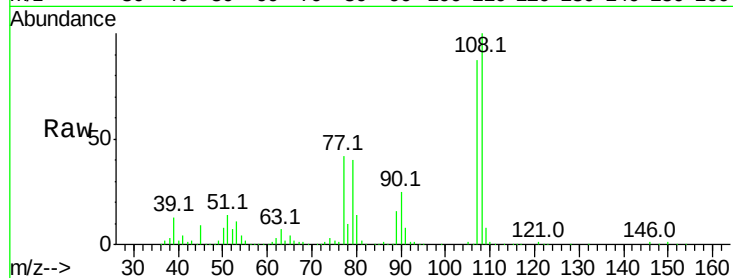
Ion Ratio Lower Upper

107 100

108 114.5 92.6 138.8

77 47.9 42.2 63.2

79 46.2 40.7 61.1

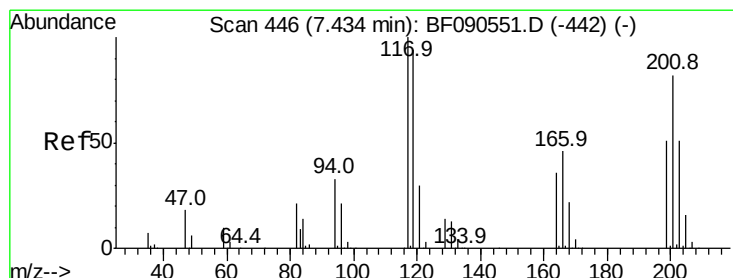
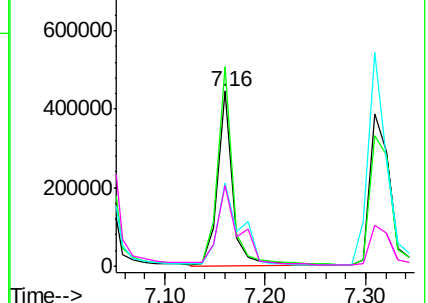
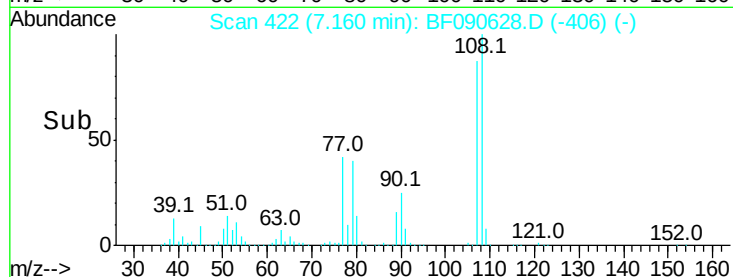


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.67 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

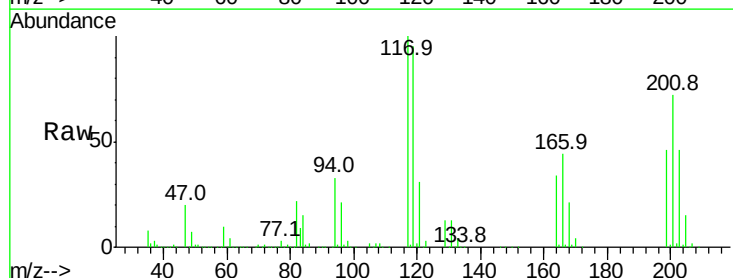
Tgt Ion:117 Resp: 223074

Ion Ratio Lower Upper

117 100

119 95.2 75.6 113.4

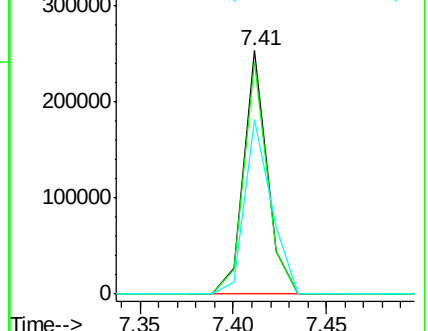
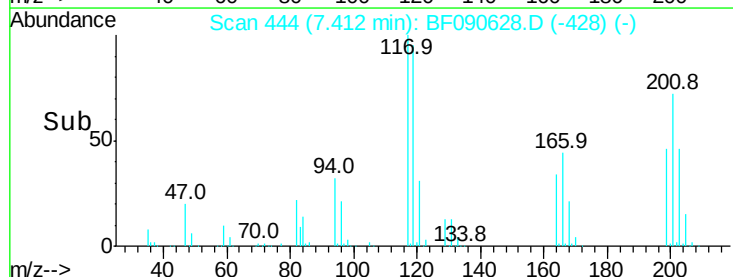
201 71.9 65.4 98.0

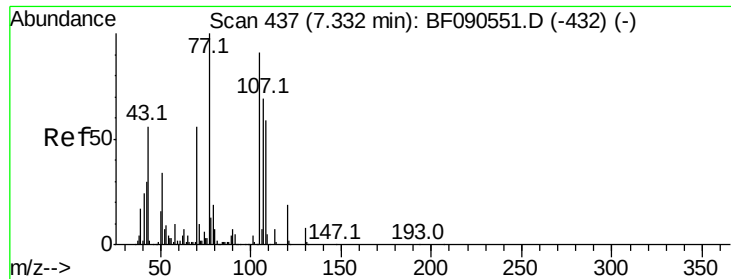


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

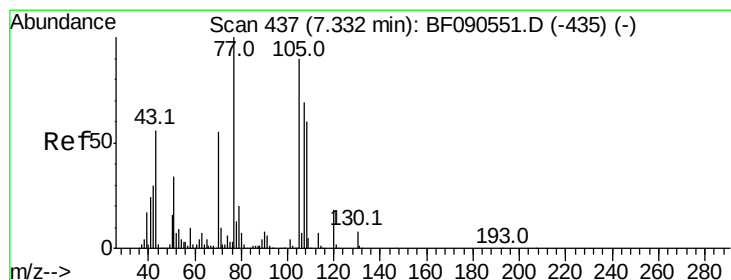
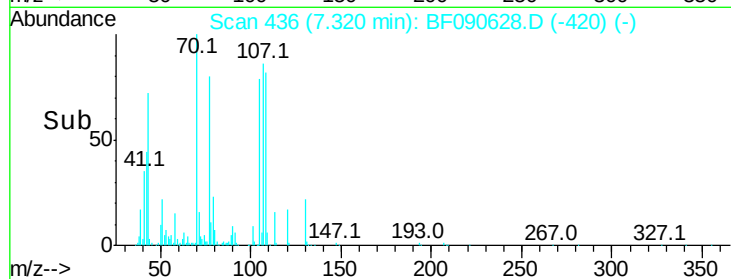
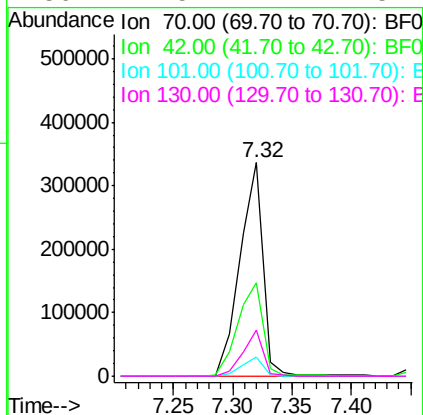
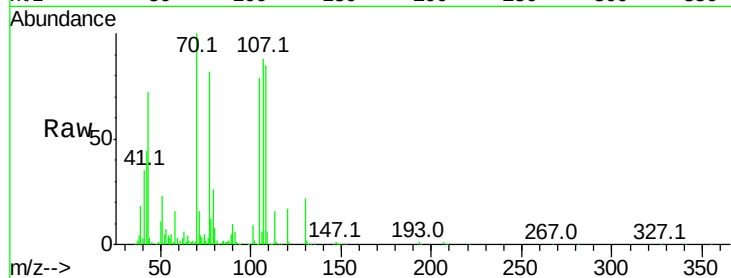




#19
n-Nitroso-di-n-propylamine
Concen: 42.01 ng
RT: 7.32 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

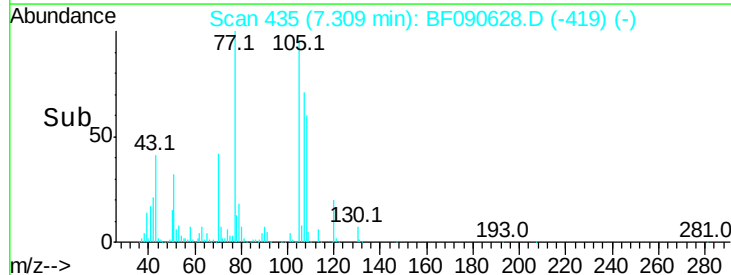
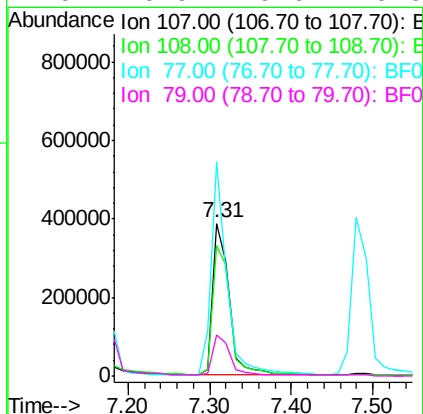
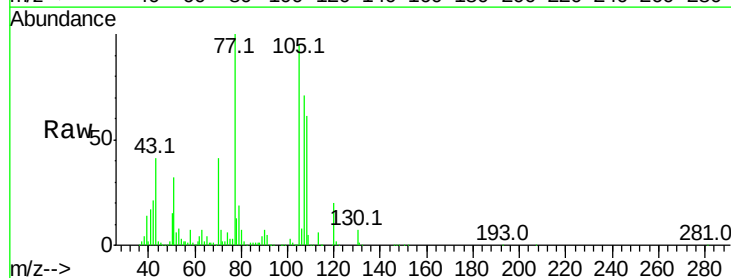
Instrument :
BNA_F
ClientSampleId :
PB94148BS

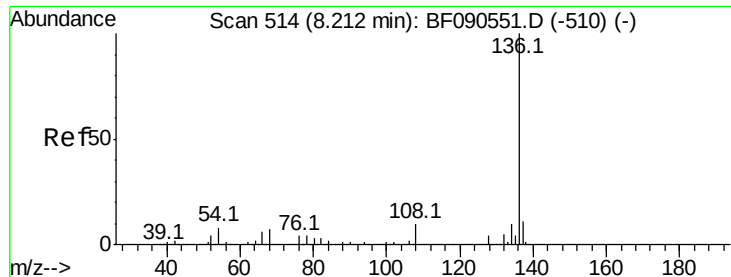
Tot Ion: 70 Resp: 456115
Ion Ratio Lower Upper
70 100
42 43.7 43.4 65.0
101 9.0 6.4 9.6
130 21.5 12.1 18.1#



#20
3+4-Methylphenols
Concen: 41.25 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion:107 Resp: 538475
Ion Ratio Lower Upper
107 100
108 85.5 67.7 107.7
77 140.2 123.1 163.1
79 26.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tot Ion:136 Resp: 849901

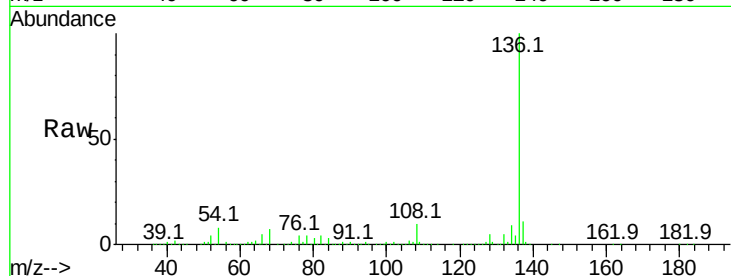
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.1 6.8 10.2

68 7.2 6.0 9.0

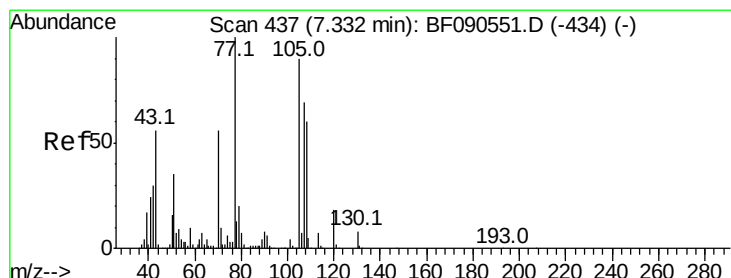
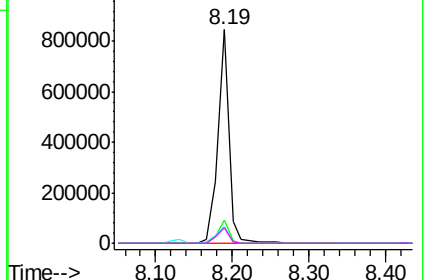
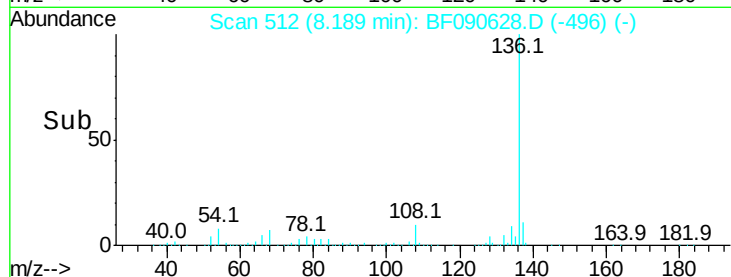


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.39 ng

RT: 7.31 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Tgt Ion:105 Resp: 739566

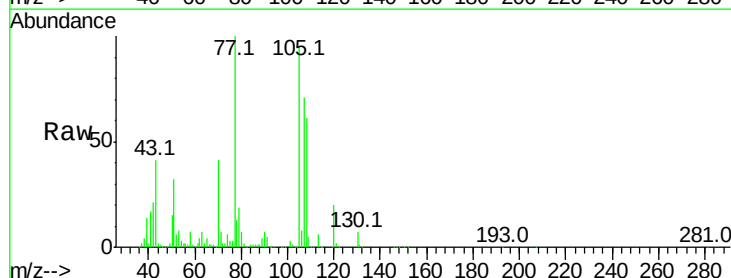
Ion Ratio Lower Upper

105 100

71 7.4 8.5 12.7#

51 33.4 31.0 46.4

120 20.7 16.2 24.4

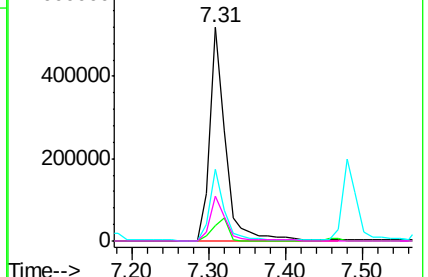
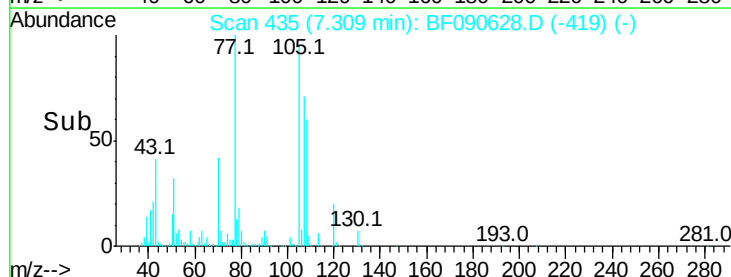


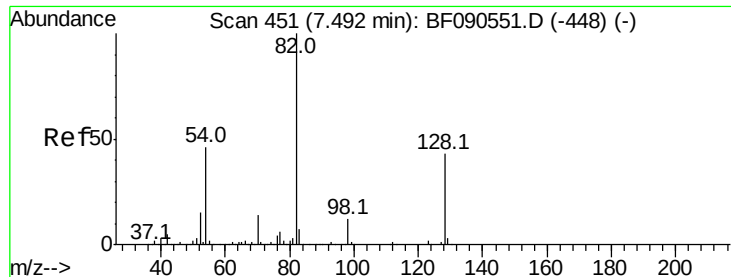
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



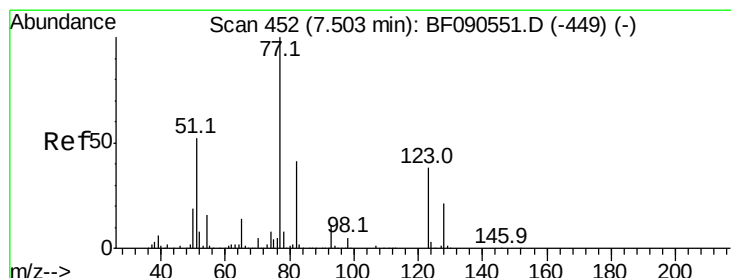
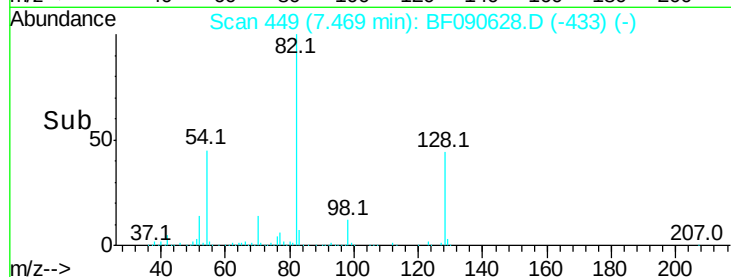
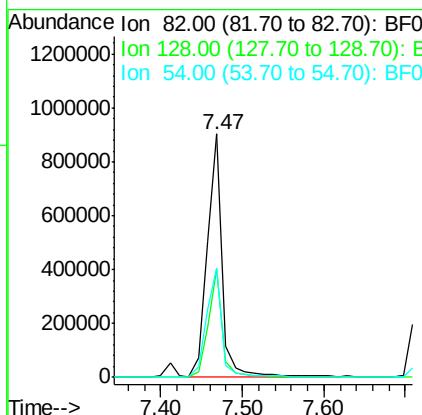
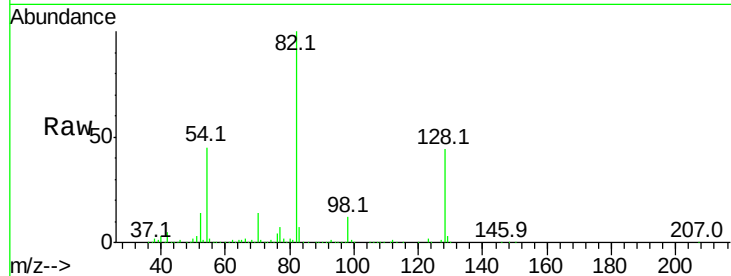


#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tot Ion: 82 Resp: 1183912

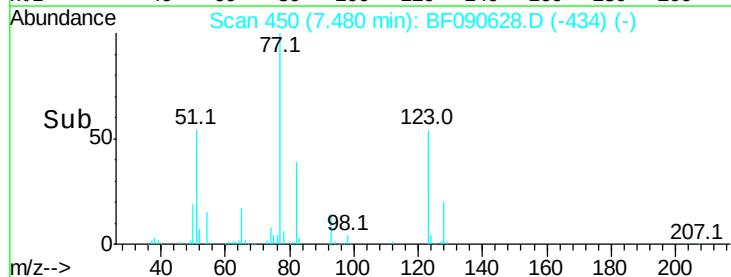
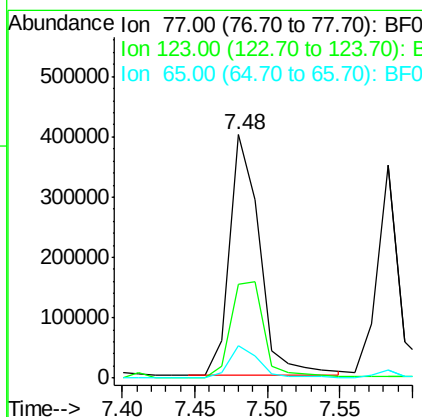
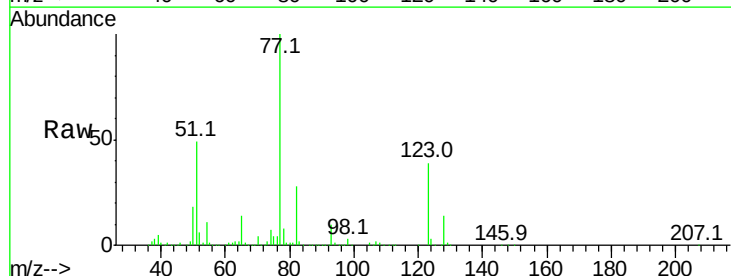
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.3	51.5
54	44.7	37.0	55.6

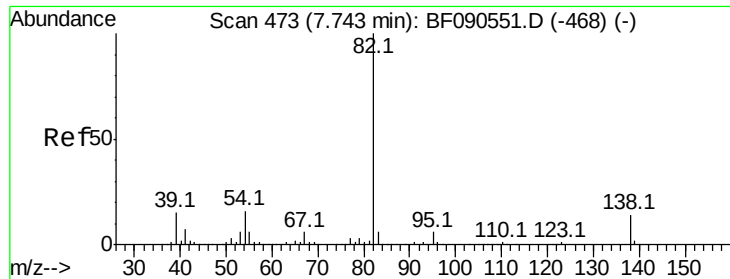


#24
 Nitrobenzene
 Concen: 36.52 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion: 77 Resp: 573482

Ion	Ratio	Lower	Upper
77	100		
123	38.6	29.8	44.6
65	13.6	10.9	16.3





#25

Isophorone

Concen: 41.81 ng

RT: 7.72 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

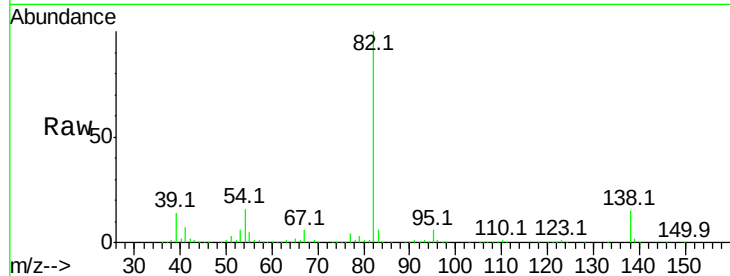
Tot Ion: 82 Resp: 1164170

Ion Ratio Lower Upper

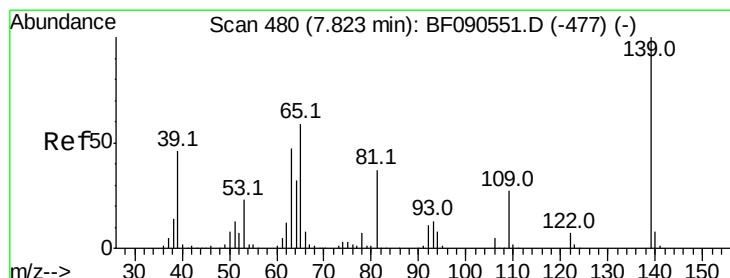
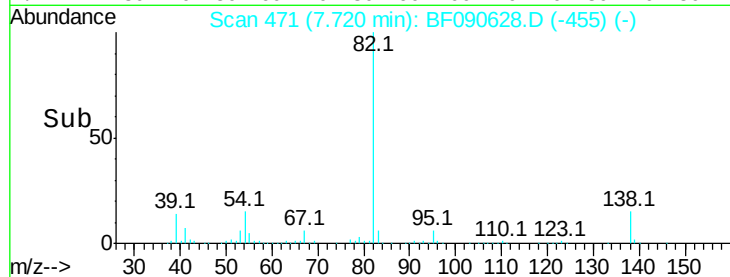
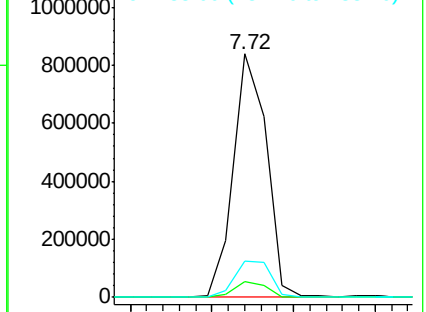
82 100

95 6.3 5.0 7.6

138 14.8 11.5 17.3



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



#26

2-Nitrophenol

Concen: 39.12 ng

RT: 7.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

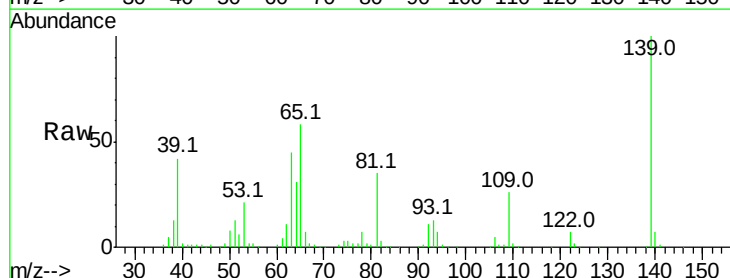
Tgt Ion:139 Resp: 278698

Ion Ratio Lower Upper

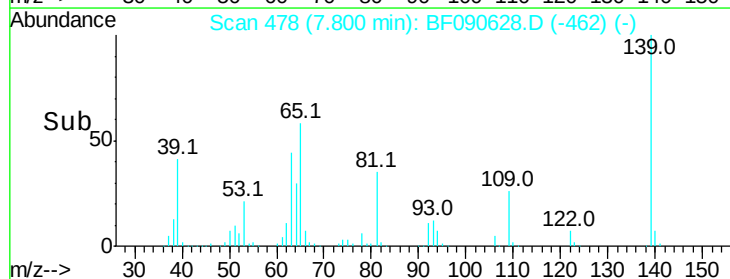
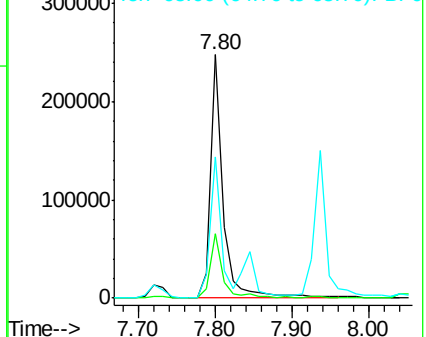
139 100

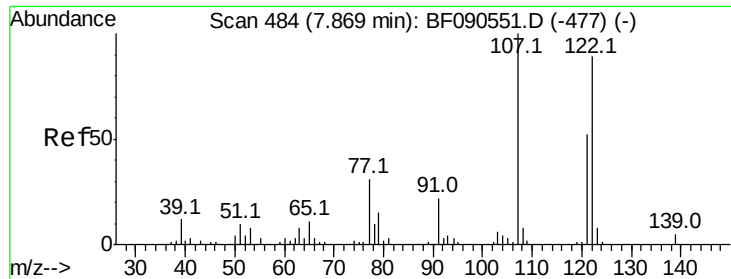
109 26.3 21.8 32.6

65 58.1 47.7 71.5



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





#27

2,4-Dimethylphenol

Concen: 43.55 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

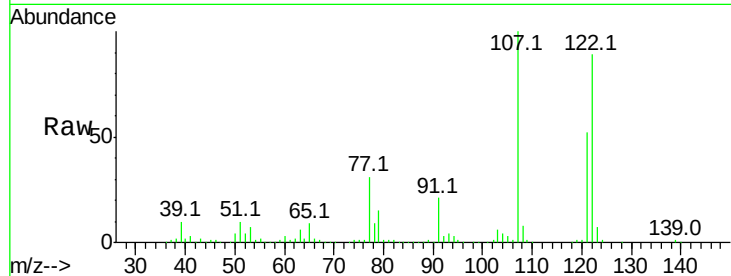
Tot Ion:122 Resp: 514742

Ion Ratio Lower Upper

122 100

107 113.0 89.8 134.6

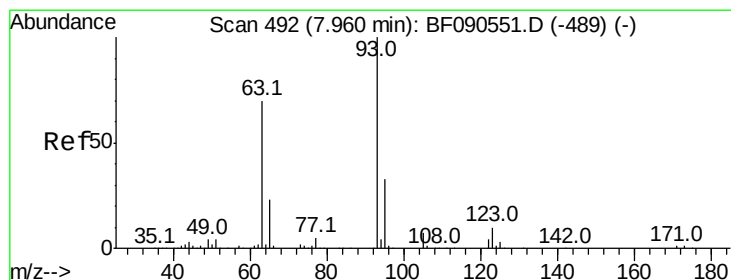
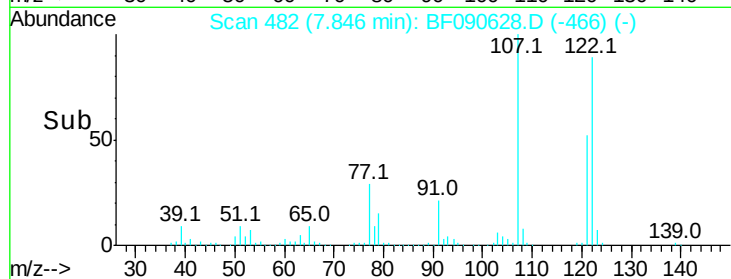
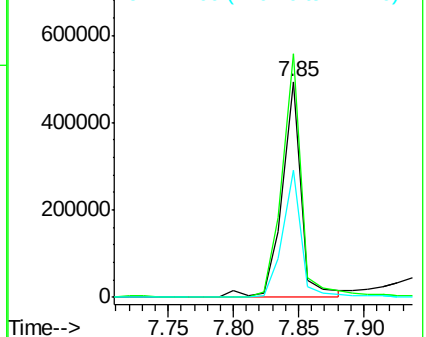
121 58.8 46.1 69.1



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: 42.49 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

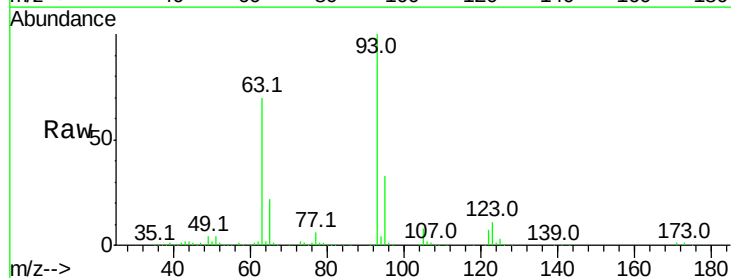
Tgt Ion: 93 Resp: 698644

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

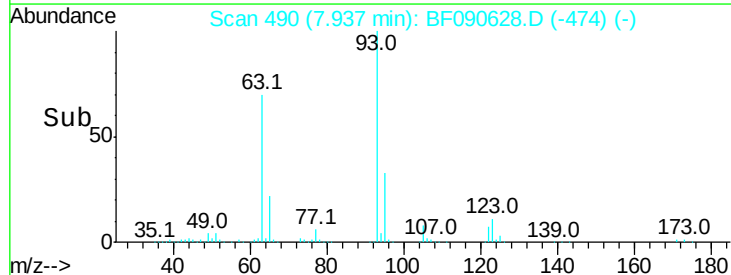
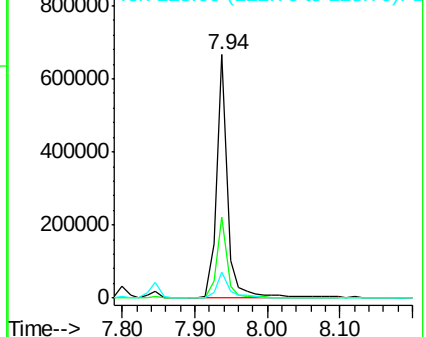
123 10.9 8.6 13.0

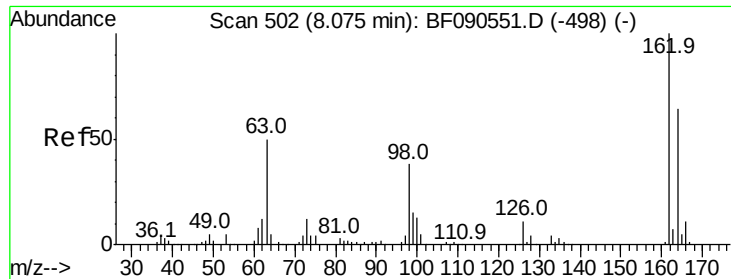


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

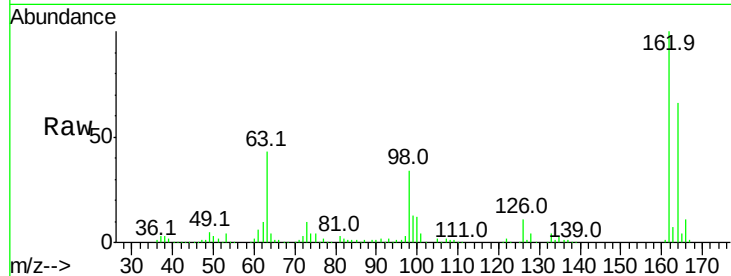




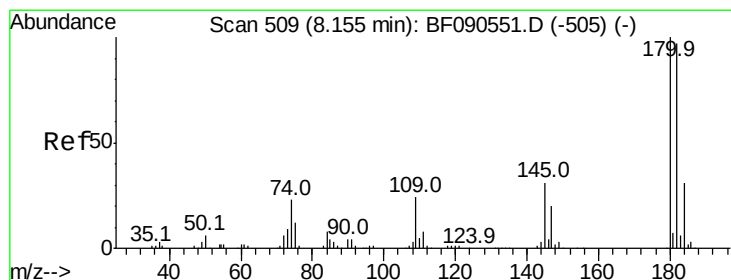
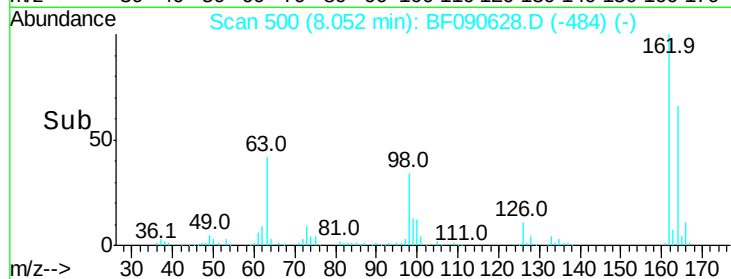
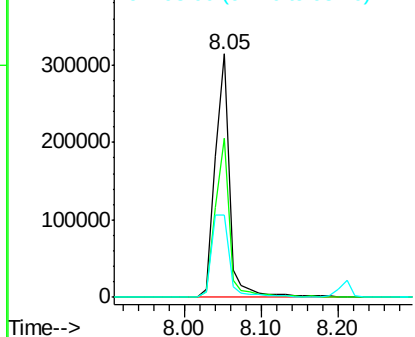
#29
 2,4-Dichlorophenol
 Concen: 39.57 ng
 RT: 8.05 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.0	84.0
98	33.6	18.0	58.0

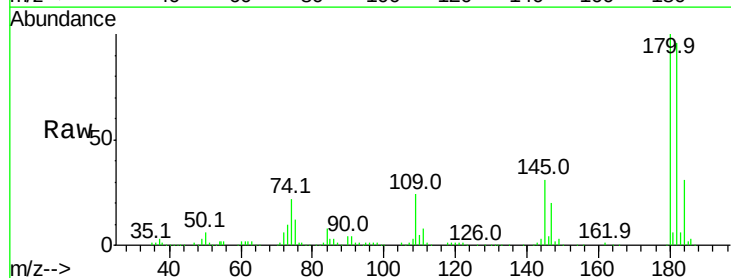


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

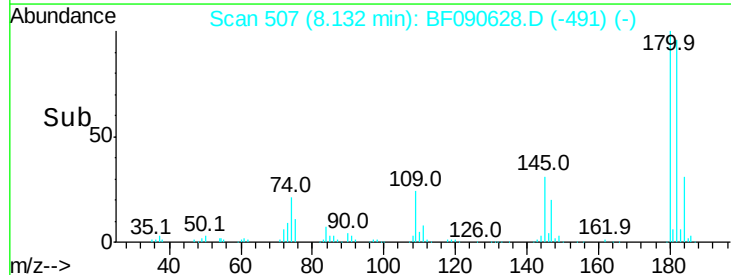
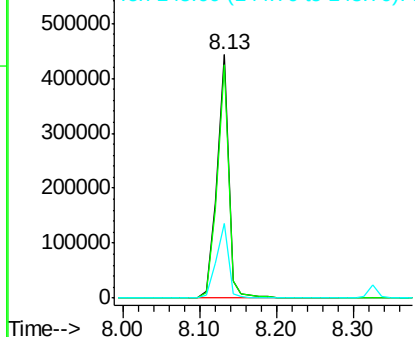


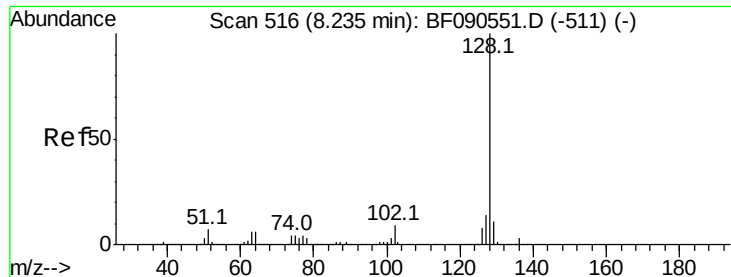
#30
 1,2,4-Trichlorobenzene
 Concen: 38.70 ng
 RT: 8.13 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.2	115.8
145	30.8	24.4	36.6



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

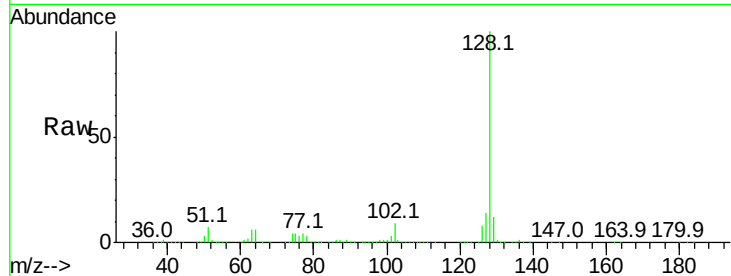




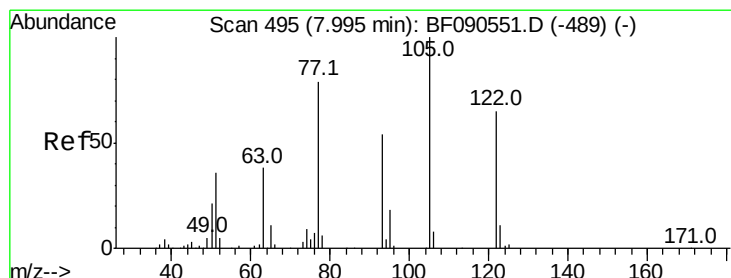
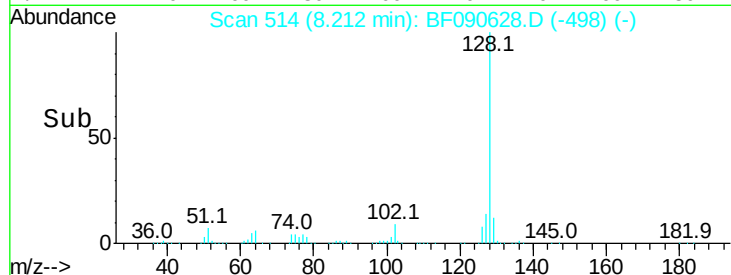
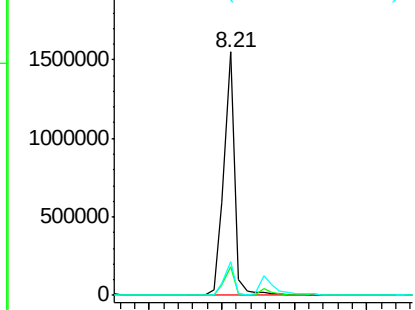
#31
Naphthalene
Concen: 38.04 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tot Ion:128 Resp: 1646825
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.7 10.8 16.2

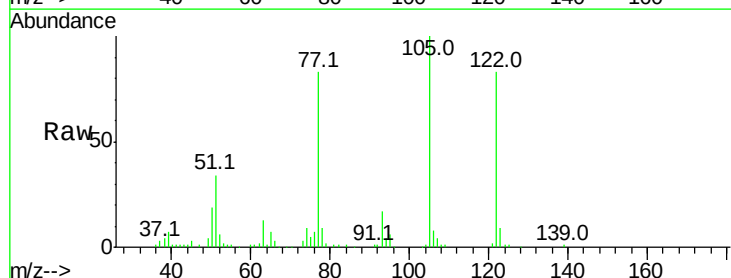


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

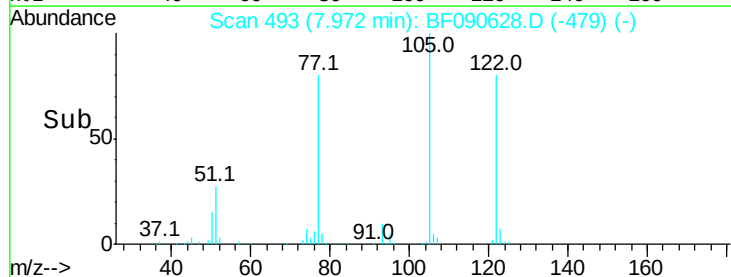
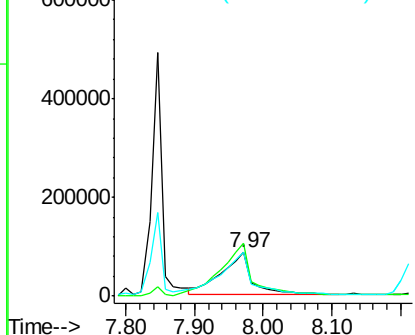


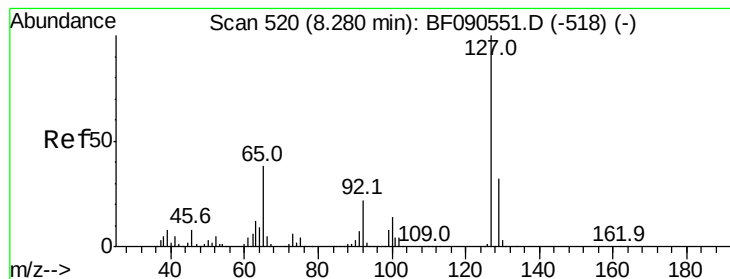
#32
Benzoic acid
Concen: 36.72 ng
RT: 7.97 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion:122 Resp: 266601
Ion Ratio Lower Upper
122 100
105 119.8 101.1 141.1
77 99.0 84.7 124.7



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: 12.05 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tot Ion:127 Resp: 199407

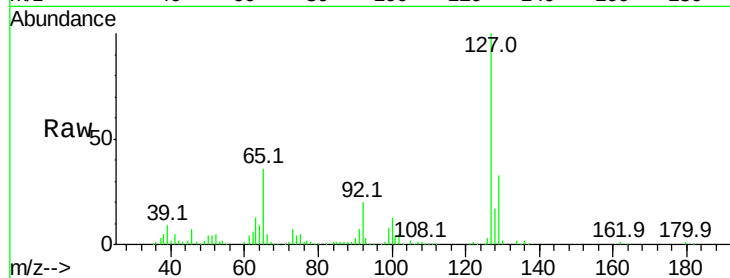
Ion Ratio Lower Upper

127 100

129 33.2 26.2 39.2

65 36.1 30.1 45.1

92 20.5 17.2 25.8

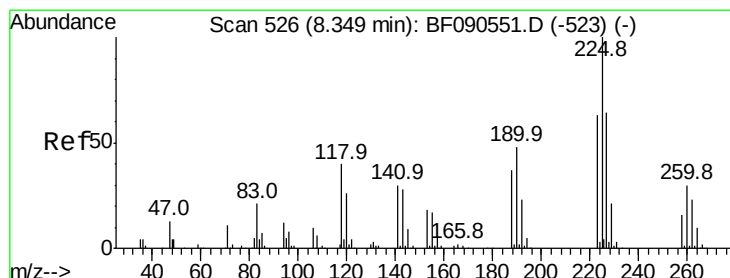
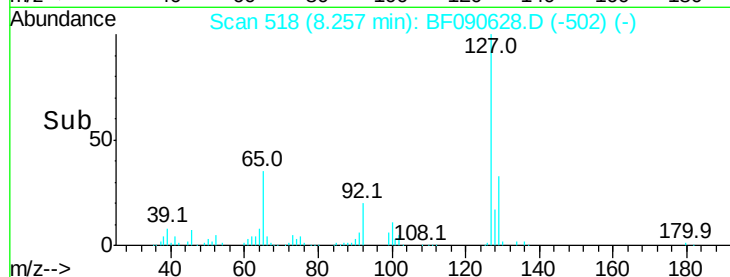
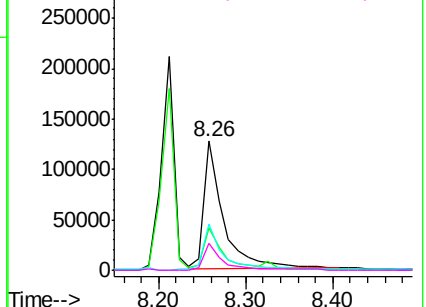


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.31 ng

RT: 8.33 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

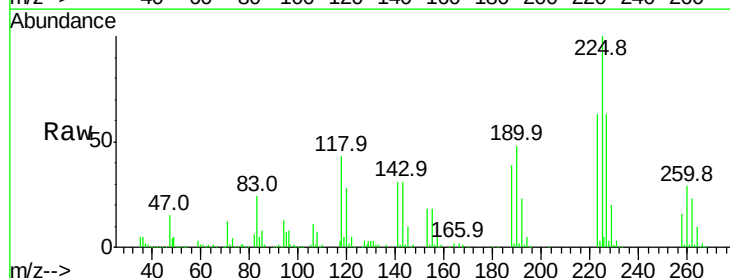
Tgt Ion:225 Resp: 239229

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

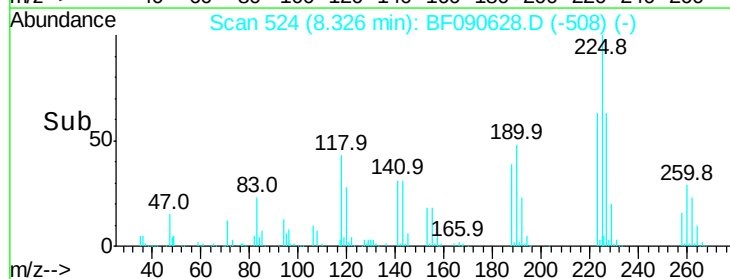
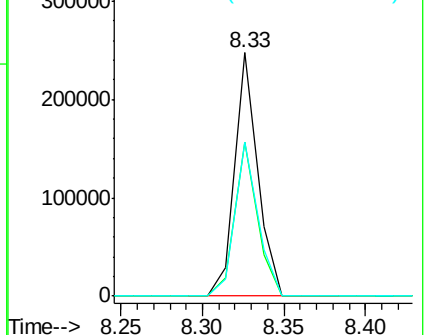
227 63.3 51.4 77.2

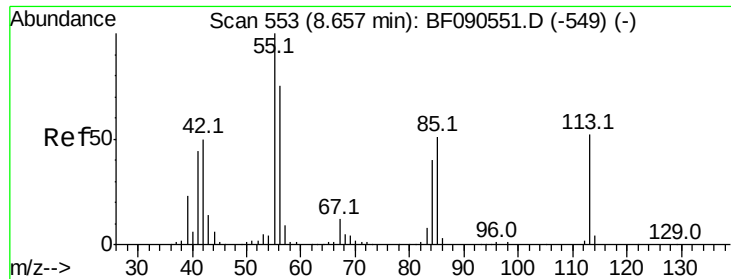


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

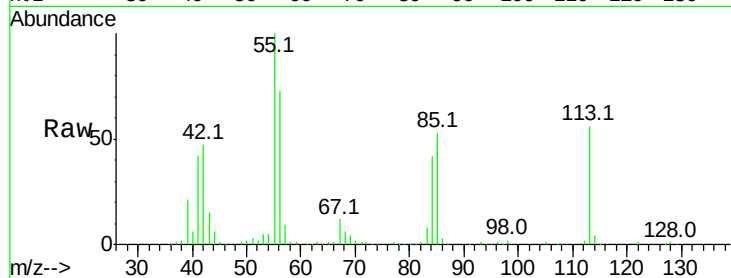




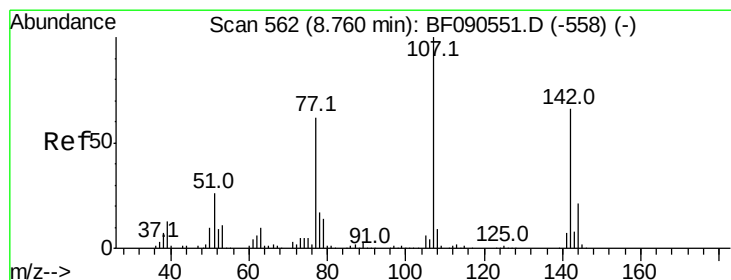
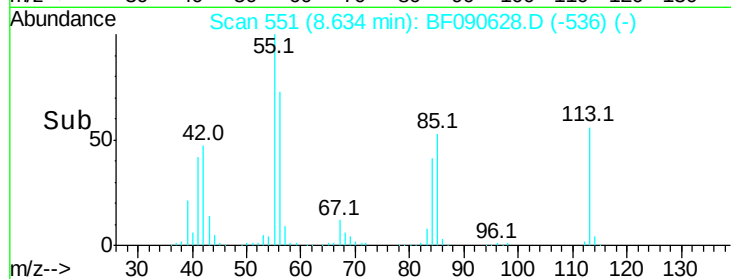
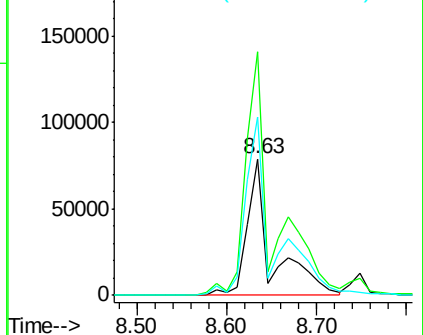
#35
Caprolactam
Concen: 51.91 ng/ml
RT: 8.63 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Instrument :
BNA_F
ClientSampleID :
PB94148BS

Tot Ion:113 Resp: 149995
Ion Ratio Lower Upper
113 100
55 178.7 170.8 210.8
56 130.8 122.4 162.4

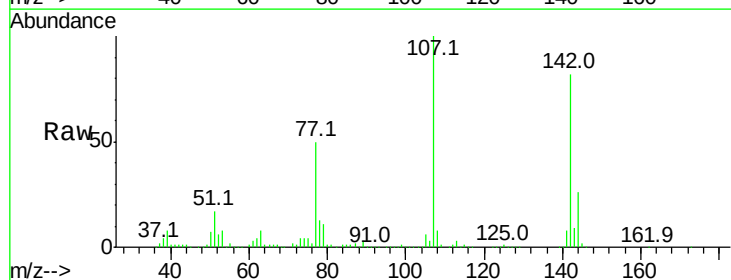


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

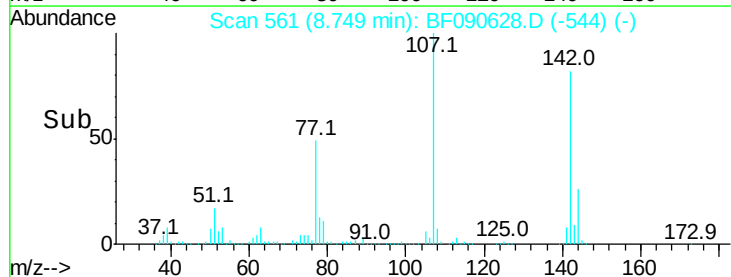
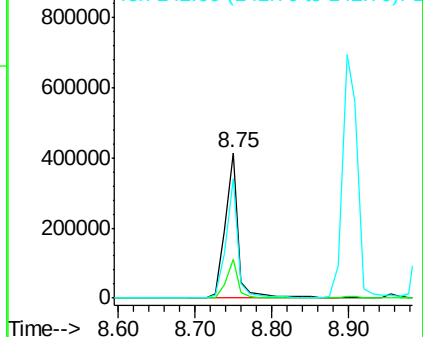


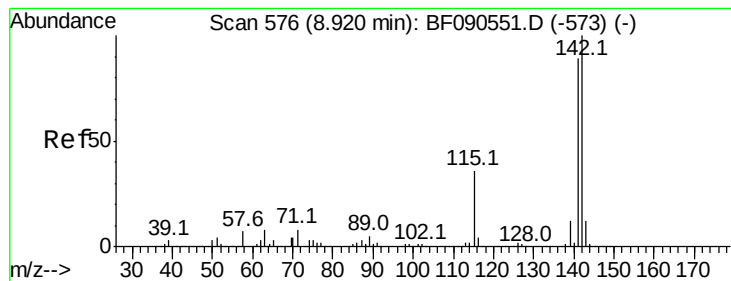
#36
4-Chloro-3-methylphenol
Concen: 41.50 ng/ml
RT: 8.75 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion:107 Resp: 495754
Ion Ratio Lower Upper
107 100
144 26.4 16.9 25.3#
142 82.3 52.5 78.7#



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: 37.61 ng

RT: 8.90 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

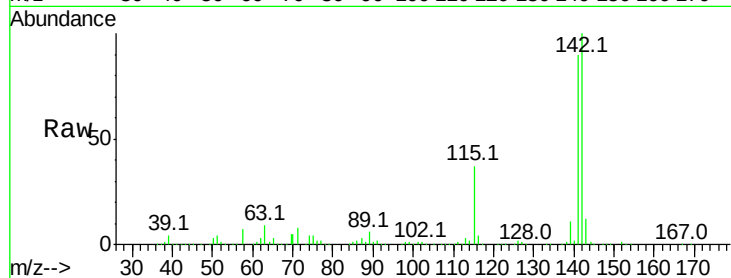
Tot Ion:142 Resp: 956358

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

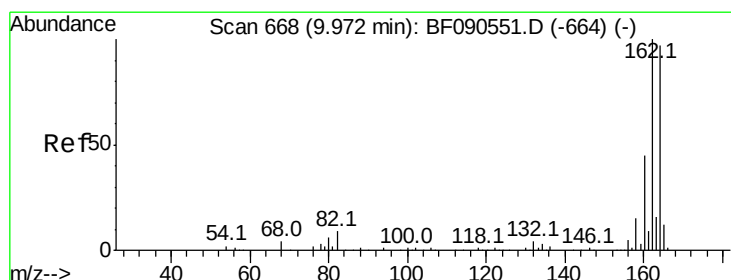
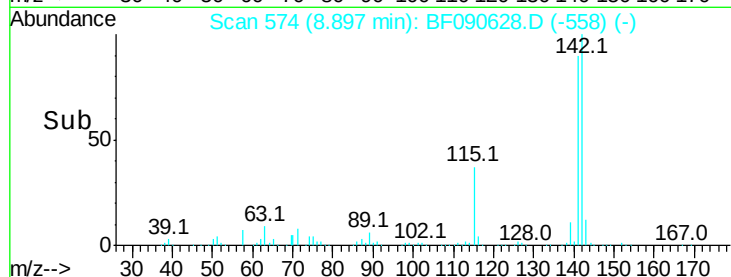
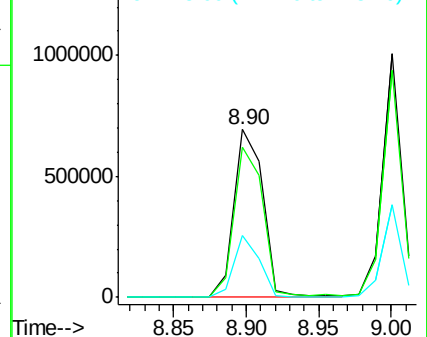
115 36.6 28.8 43.2



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: 9.95 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

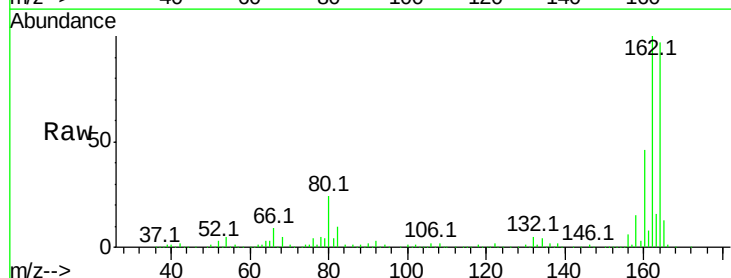
Tgt Ion:164 Resp: 434475

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.4

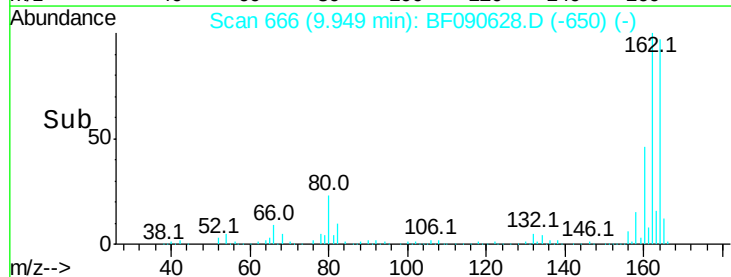
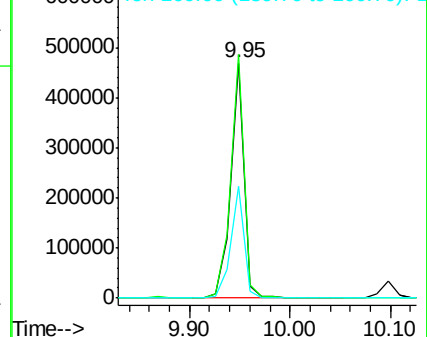
160 47.3 36.6 55.0

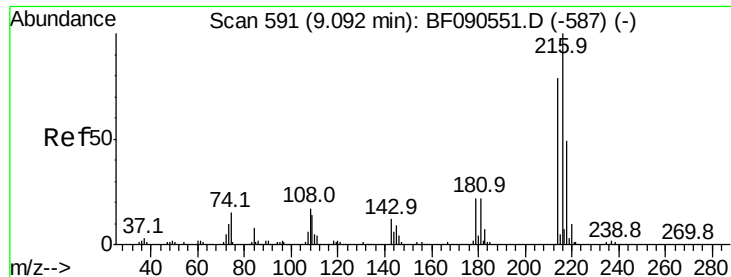


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.07 ng

RT: 9.07 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tot Ion:216 Resp: 438571

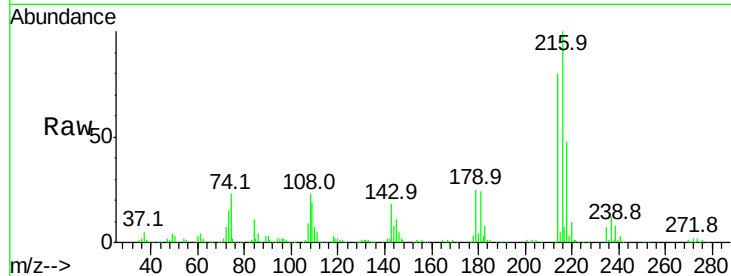
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 23.9 18.9 28.3

108 24.7 17.8 26.6

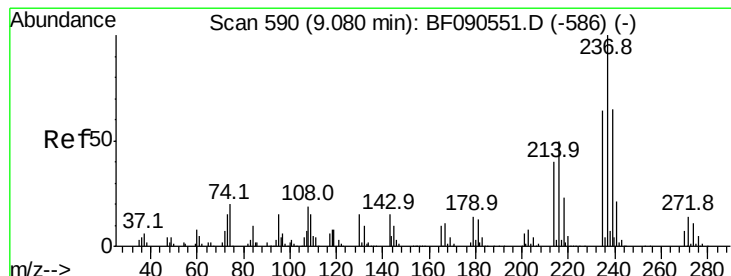
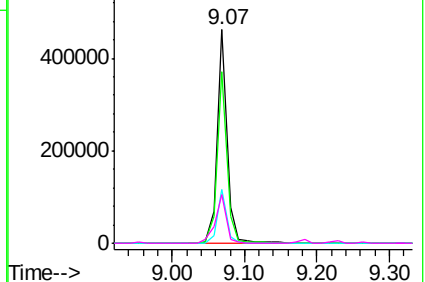
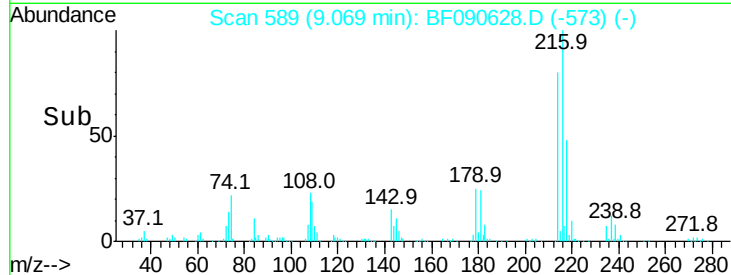


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.16 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

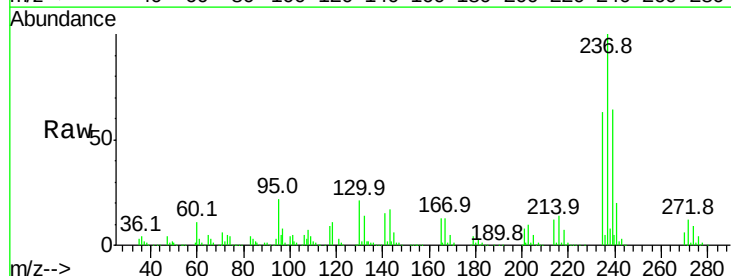
Tgt Ion:237 Resp: 439873

Ion Ratio Lower Upper

237 100

235 63.0 43.8 83.8

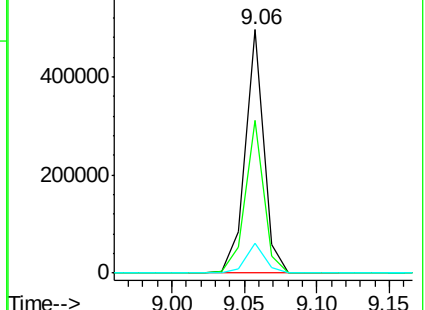
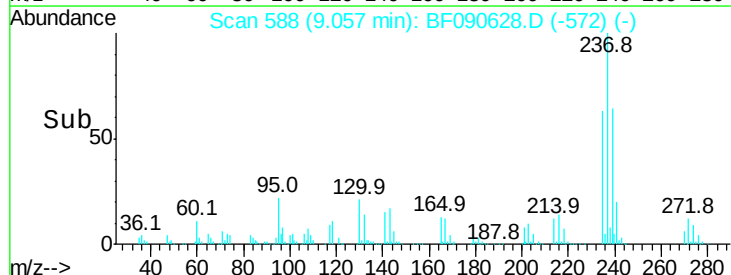
272 12.1 0.0 33.7

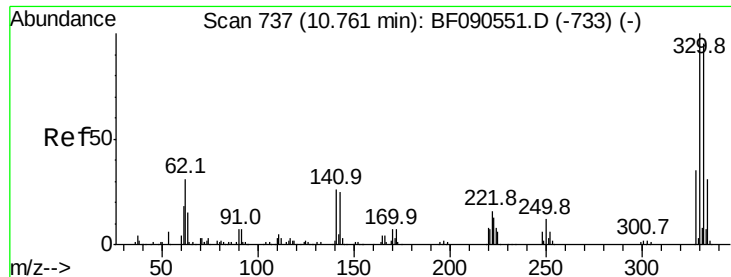


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

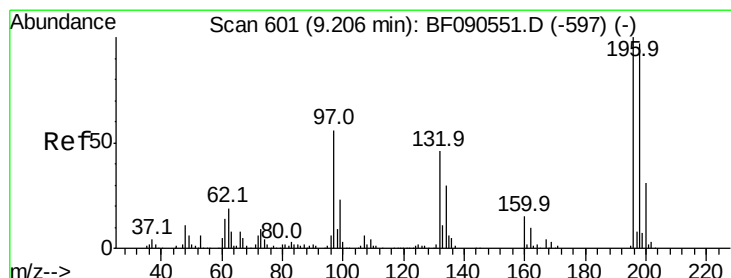
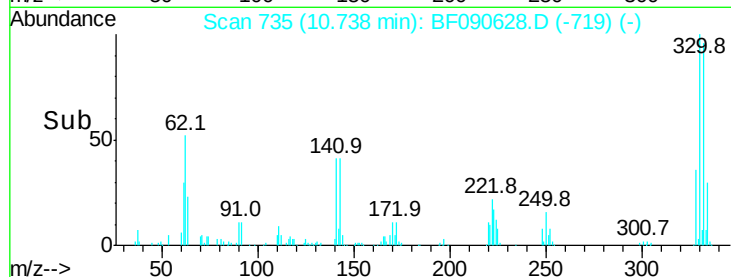
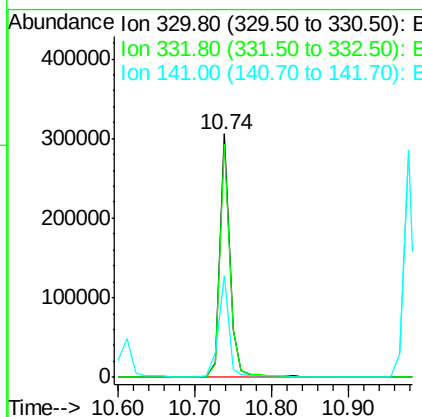
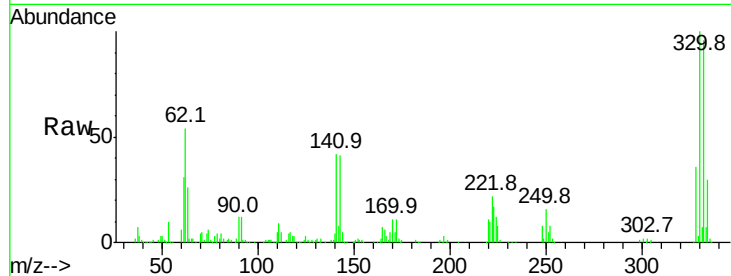




#41
 2,4,6-Tribromophenol
 Concen: 72.62 ng
 RT: 10.74 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

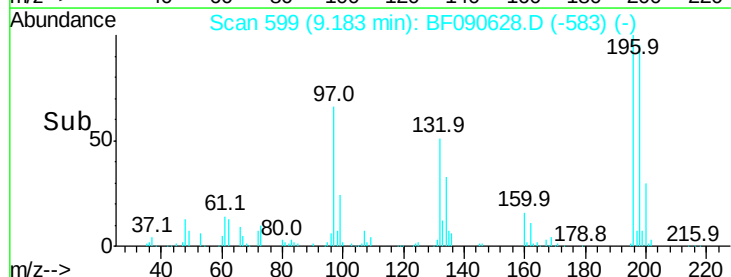
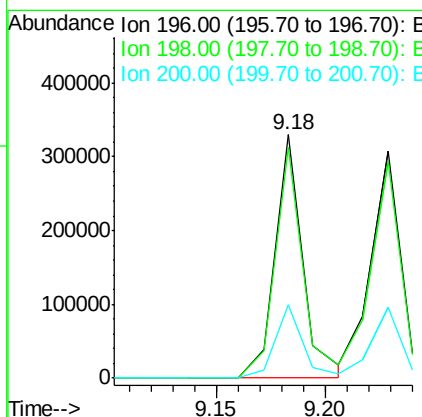
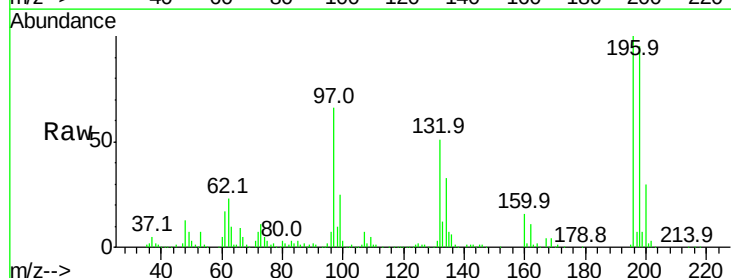
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

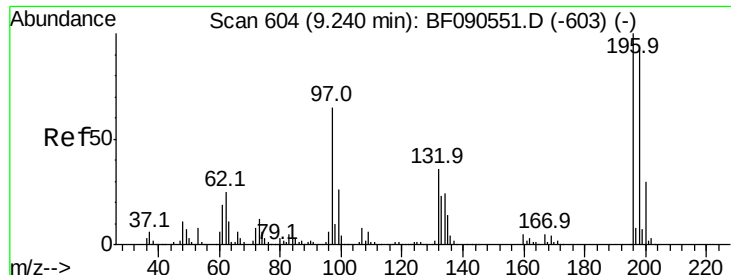
Tot Ion:330 Resp: 281291
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.2
 141 42.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.73 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion:196 Resp: 297143
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.9 116.9
 200 30.3 25.1 37.7

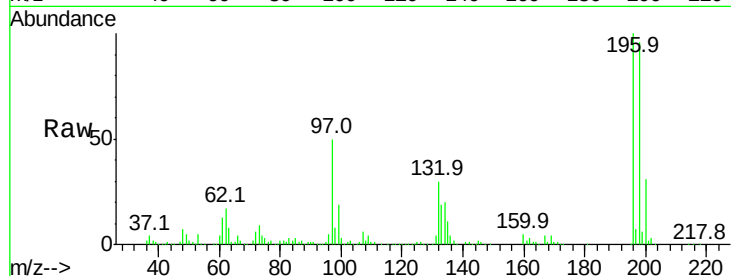




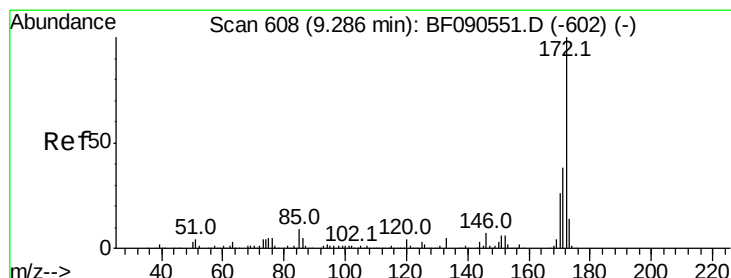
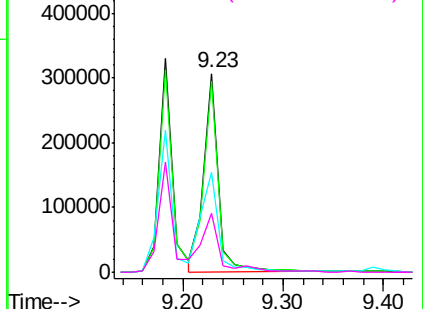
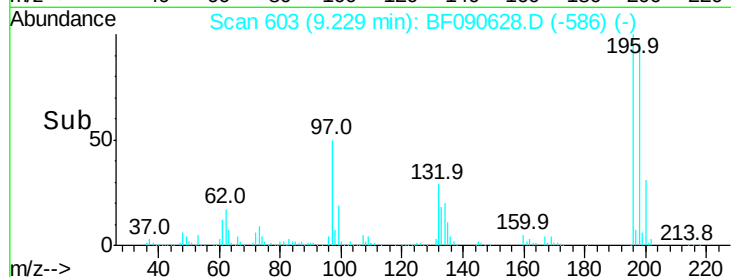
#43
 2,4,5-Trichlorophenol
 Concen: 40.27 ng
 RT: 9.23 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tot Ion:196 Resp: 312122
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.0 111.0
 97 50.3 54.7 82.1#
 132 29.9 30.5 45.7#

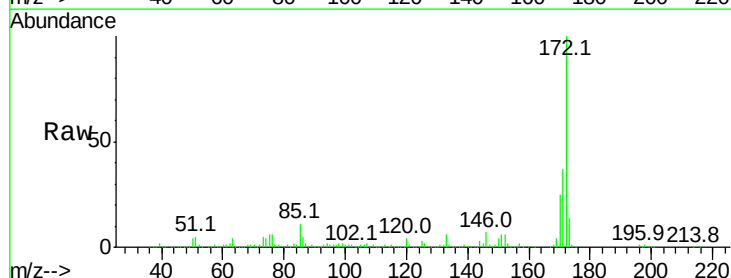


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

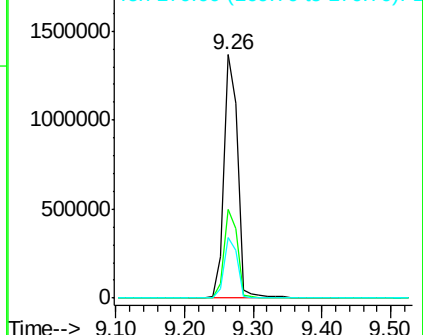
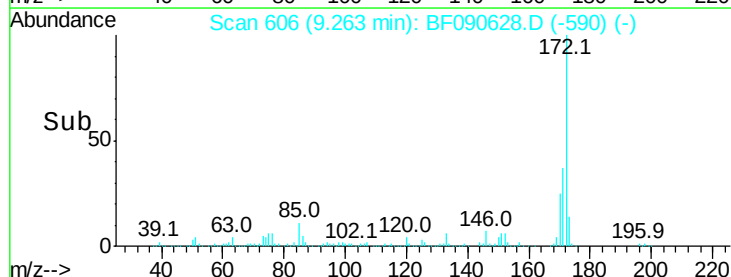


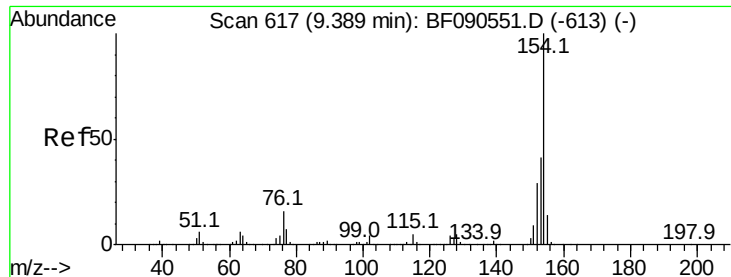
#44
 2-Fluorobiphenyl
 Concen: 73.99 ng
 RT: 9.26 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion:172 Resp: 1951093
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 25.1 20.6 30.8



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: 35.99 ng

RT: 9.37 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

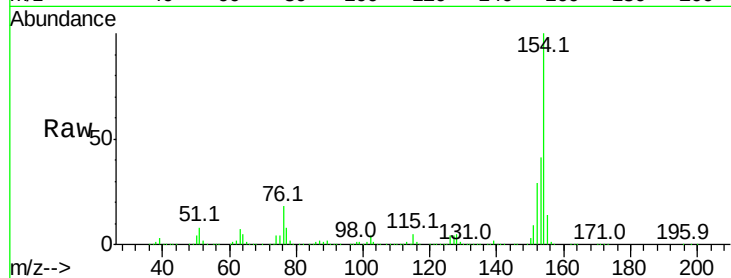
Tot Ion:154 Resp: 1190080

Ion Ratio Lower Upper

154 100

153 41.1 21.5 61.5

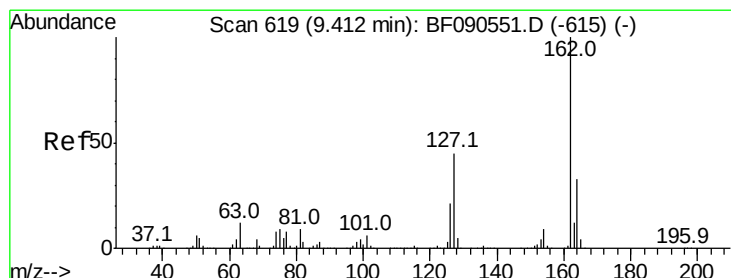
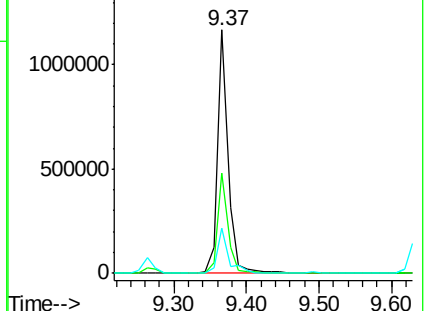
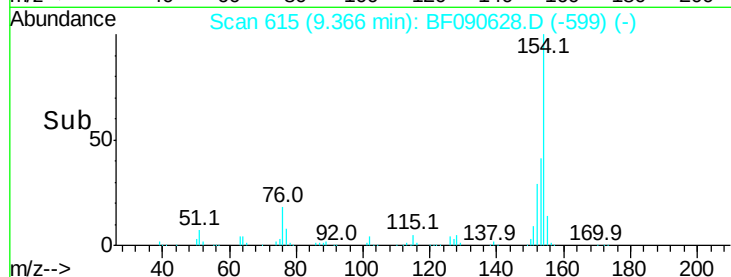
76 18.4 0.0 36.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.15 ng

RT: 9.39 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

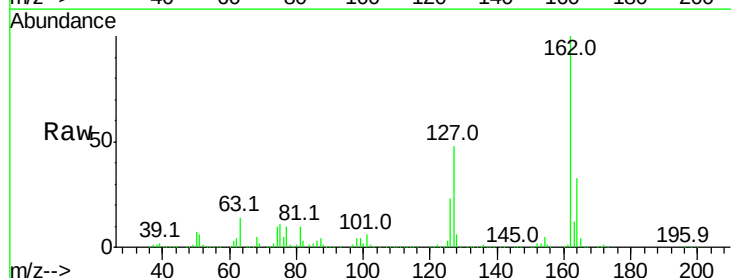
Tgt Ion:162 Resp: 940327

Ion Ratio Lower Upper

162 100

127 47.8 35.9 53.9

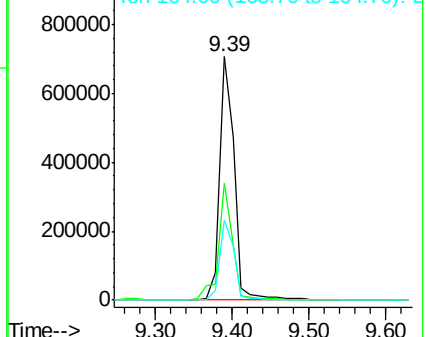
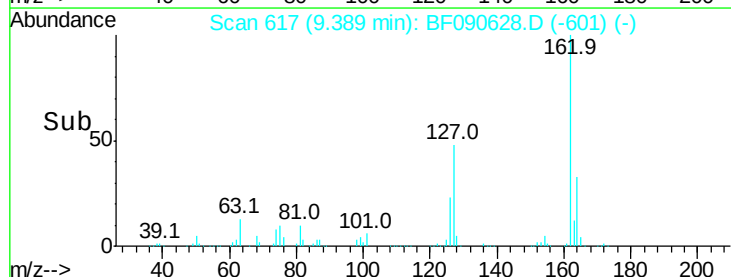
164 32.9 26.7 40.1

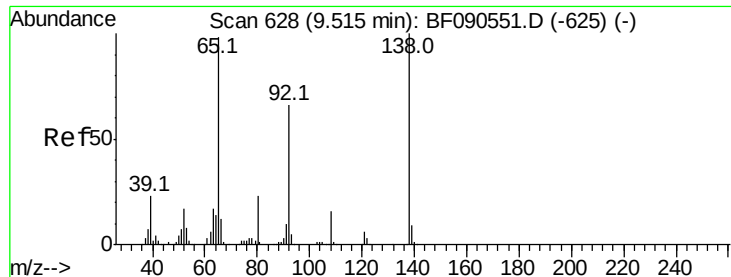


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.06 ng

RT: 9.49 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

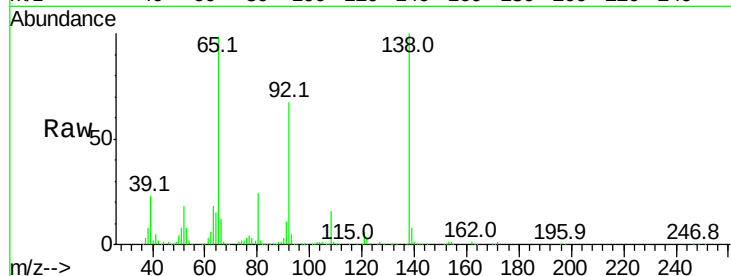
Tot Ion: 65 Resp: 366983

Ion Ratio Lower Upper

65 100

92 68.0 54.3 81.5

138 101.5 81.7 122.5



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

9.49

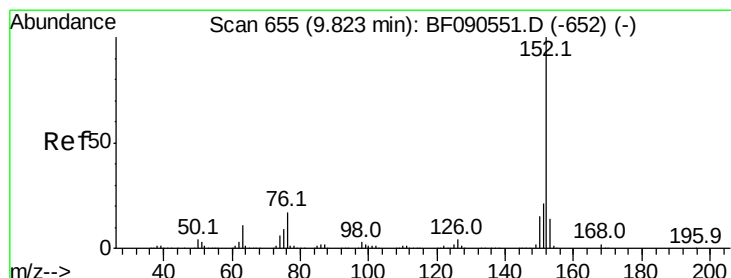
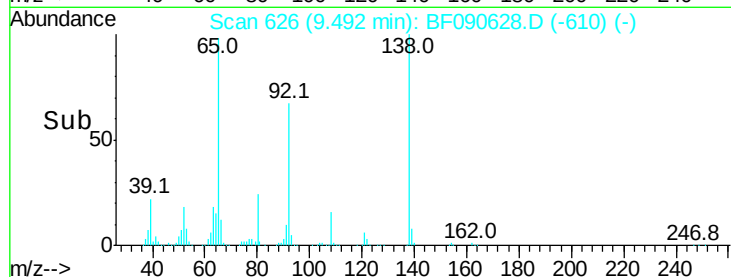
300000

200000

100000

0

Time-->



#48

Acenaphthylene

Concen: 39.76 ng

RT: 9.81 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

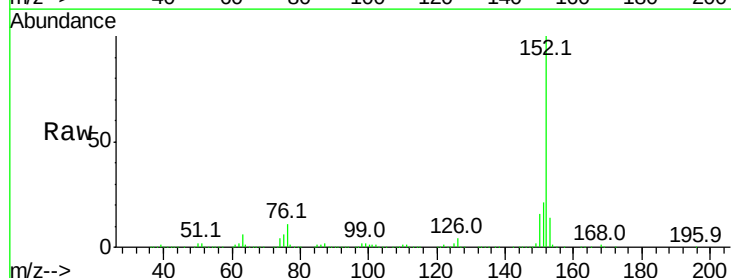
Tgt Ion: 152 Resp: 1560948

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

153 13.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

9.81

2000000

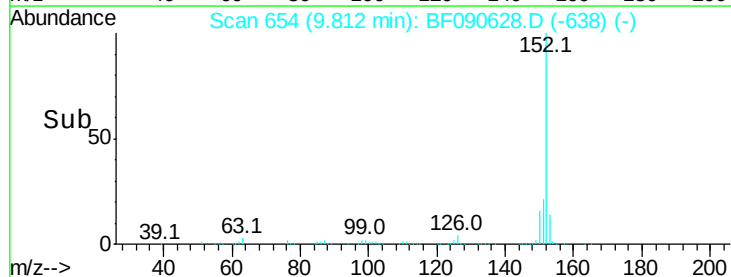
1500000

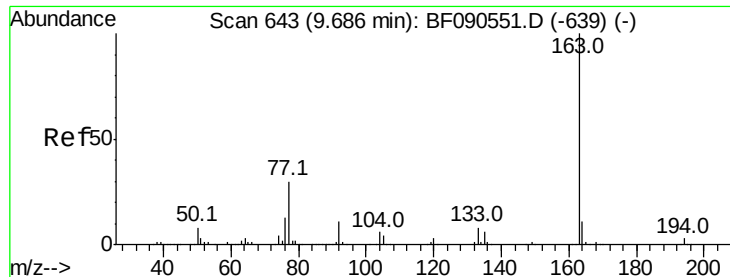
1000000

500000

0

Time-->





#49

Dimethylphthalate

Concen: 42.27 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

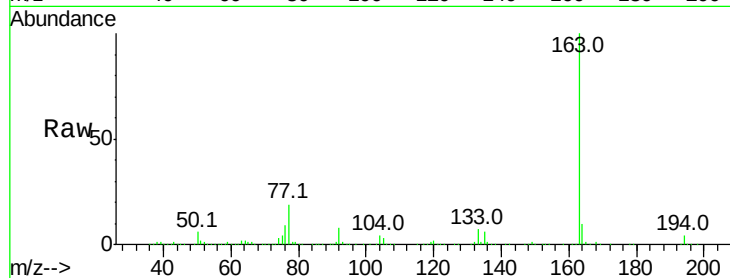
Tot Ion:163 Resp: 1191442

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

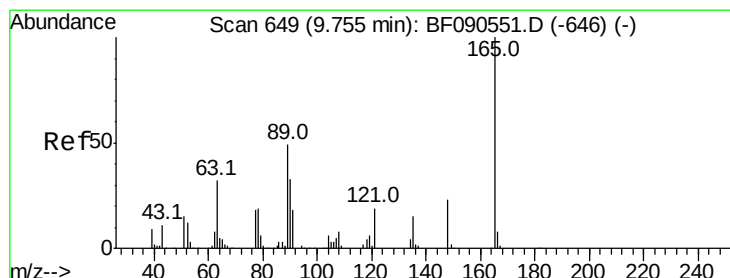
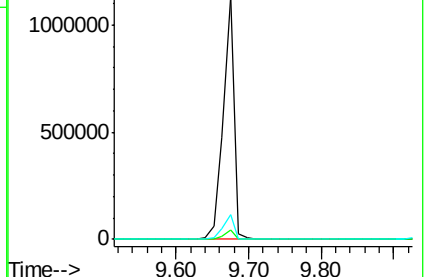
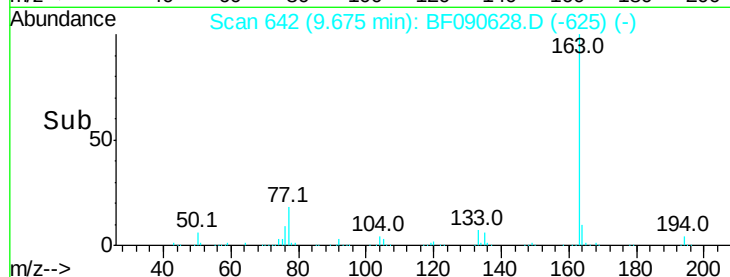
164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.64 ng

RT: 9.73 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

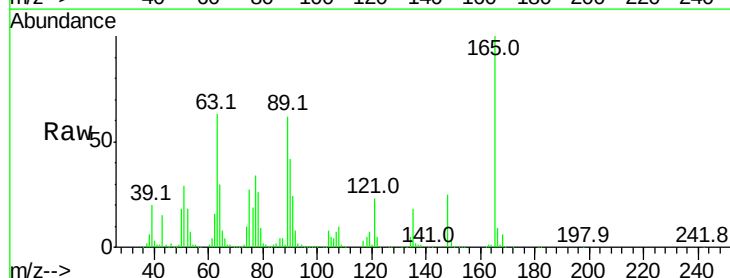
Tgt Ion:165 Resp: 256864

Ion Ratio Lower Upper

165 100

63 62.8 40.1 60.1#

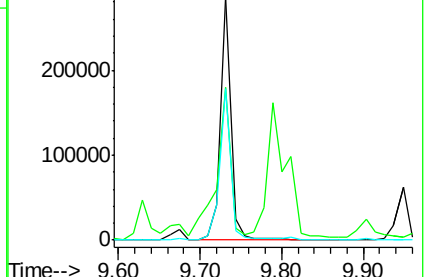
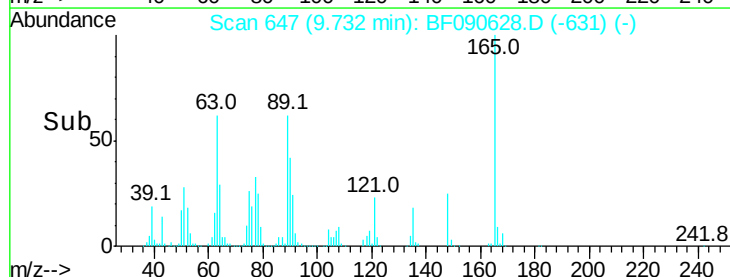
89 62.1 39.5 59.3#

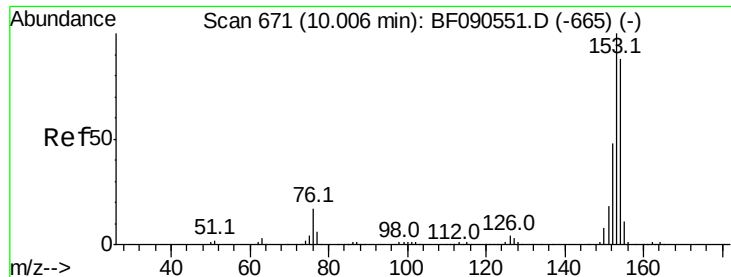


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.47 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

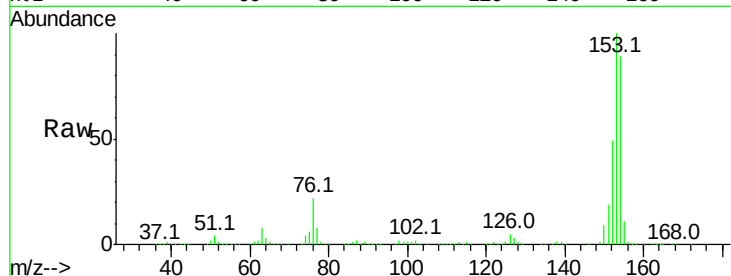
Tot Ion:154 Resp: 1108016

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

152 55.0 44.0 66.0

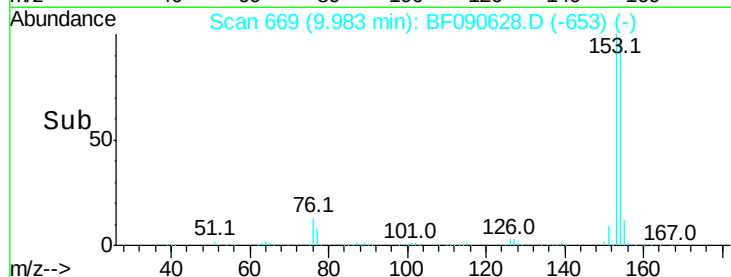


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

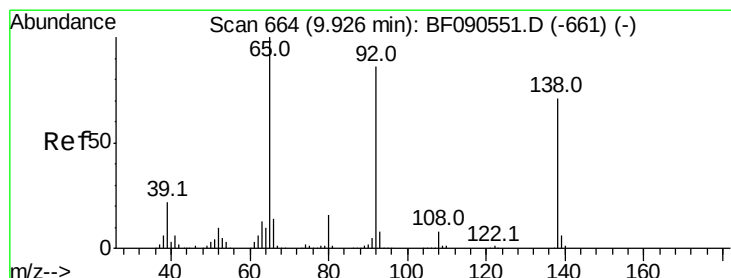


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#52

3-Nitroaniline

Concen: 21.20 ng

RT: 9.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

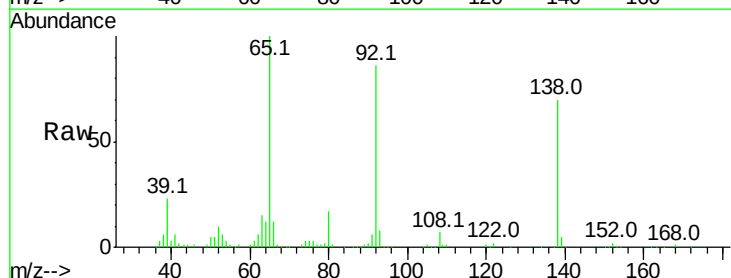
Tgt Ion:138 Resp: 164078

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 123.8 97.8 146.8

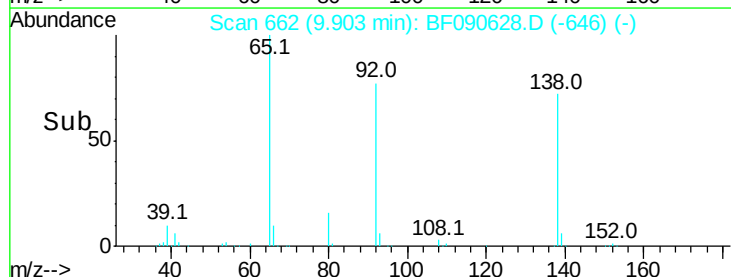


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time-->

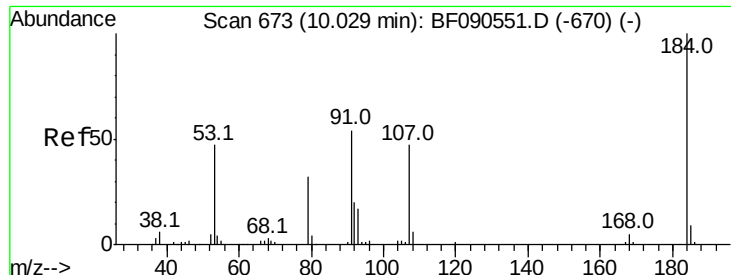


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

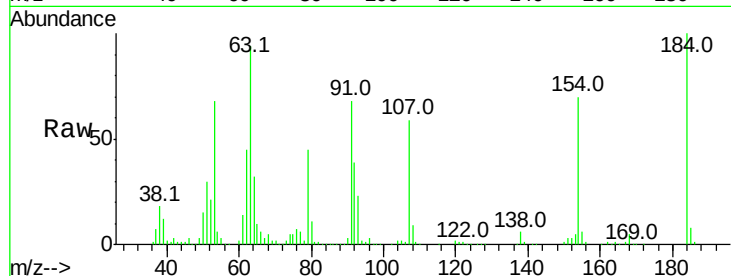
Time-->



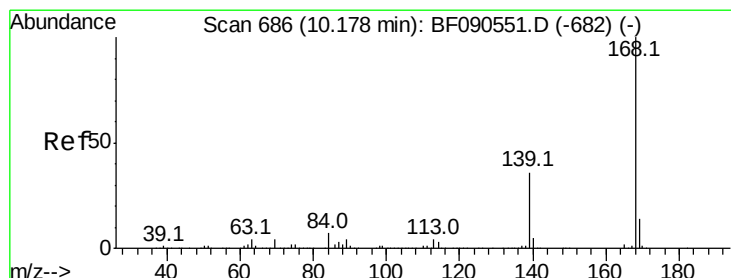
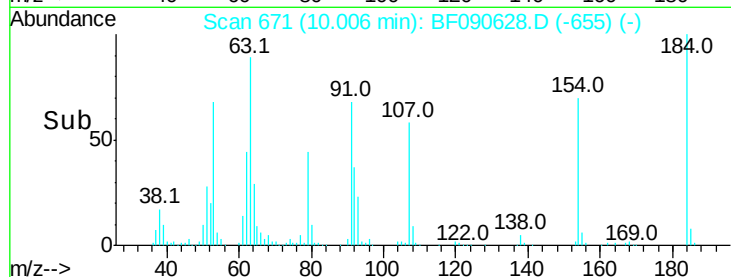
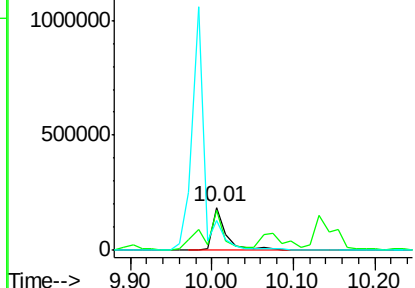
#53
 2,4-Dinitrophenol
 Concen: 69.33 ng
 RT: 10.01 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tot Ion:184 Resp: 229455
 Ion Ratio Lower Upper
 184 100
 63 94.2 60.2 90.2#
 154 70.3 86.1 129.1#

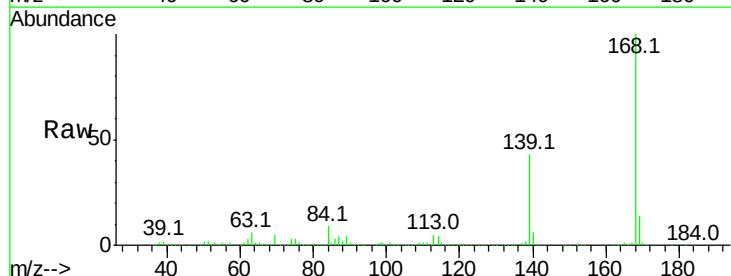


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

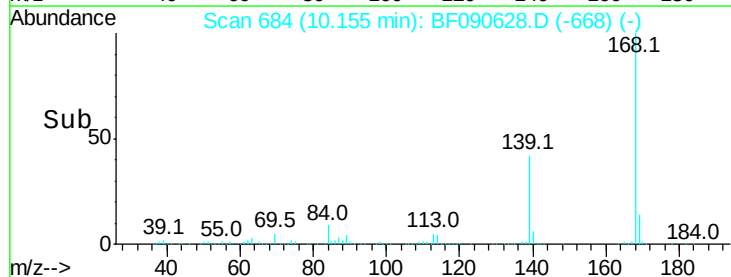
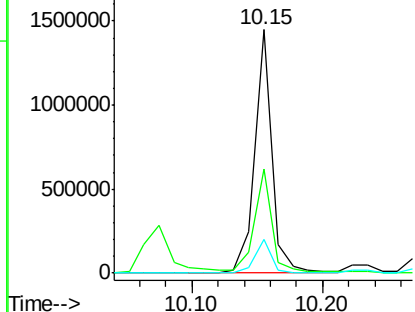


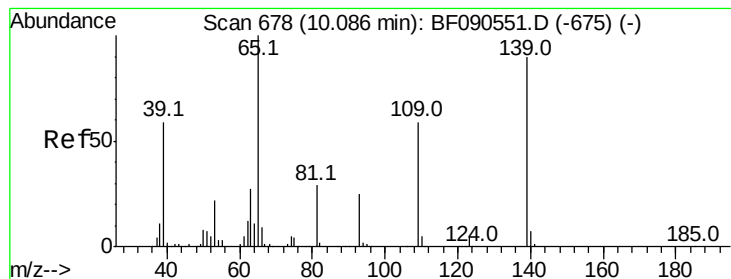
#54
 Dibenzofuran
 Concen: 39.20 ng
 RT: 10.15 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion:168 Resp: 1345342
 Ion Ratio Lower Upper
 168 100
 139 42.5 30.5 45.7
 169 14.1 10.9 16.3



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: 86.86 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

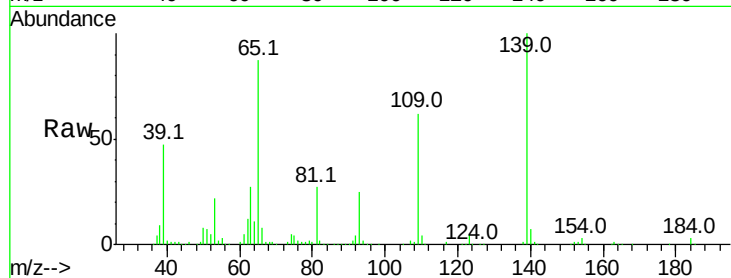
Tot Ion:139 Resp: 404597

Ion Ratio Lower Upper

139 100

109 61.8 45.9 85.9

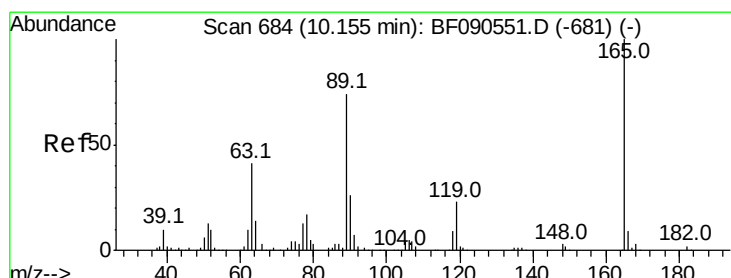
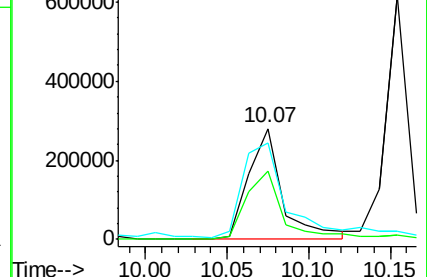
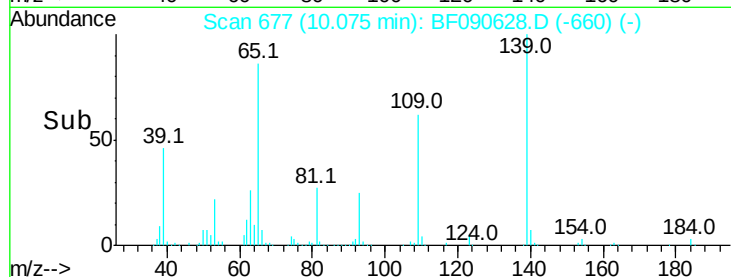
65 86.9 95.8 135.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.49 ng

RT: 10.13 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Tgt Ion:165 Resp: 322469

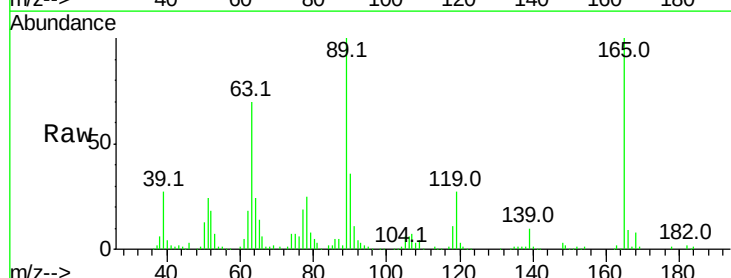
Ion Ratio Lower Upper

165 100

63 70.1 35.4 53.0#

89 100.3 59.0 88.4#

182 2.0 1.8 2.6

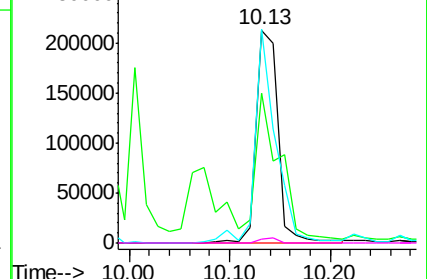
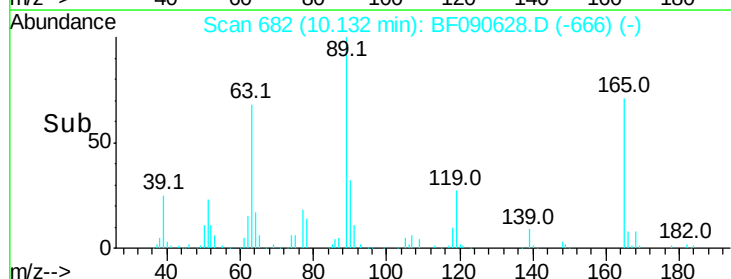


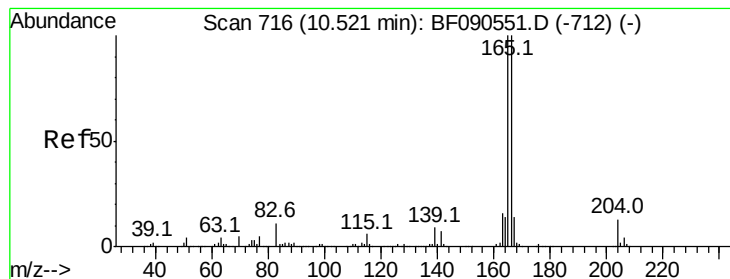
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.63 ng

RT: 10.50 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

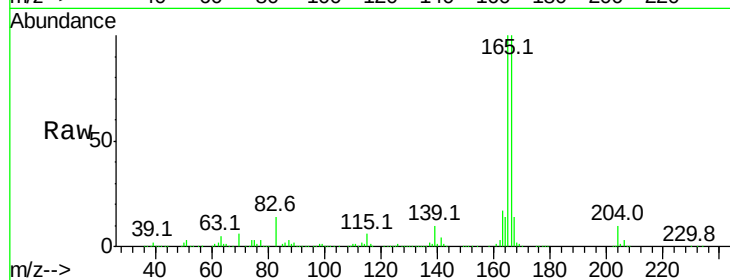
Tot Ion:166 Resp: 1121997

Ion Ratio Lower Upper

166 100

165 99.7 79.9 119.9

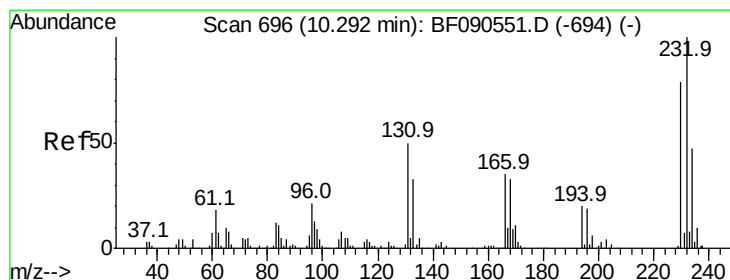
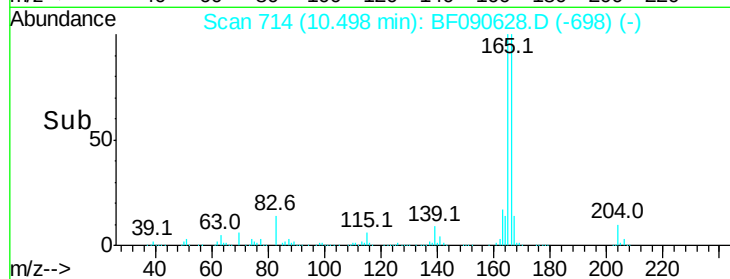
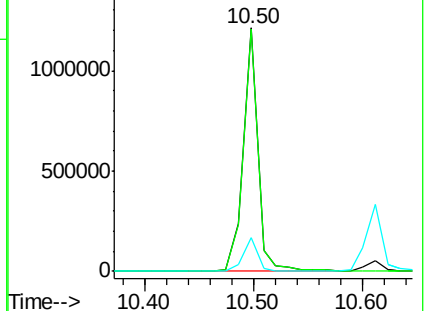
167 13.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.64 ng m

RT: 10.27 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Tgt Ion:232 Resp: 230068

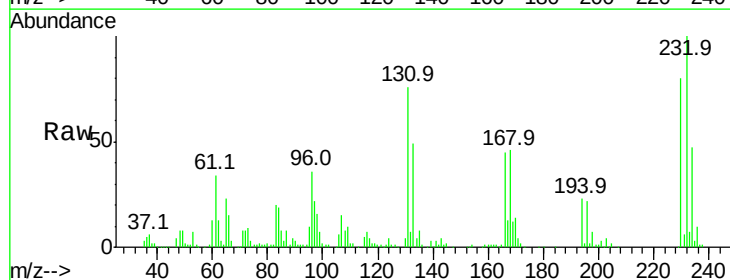
Ion Ratio Lower Upper

232 100

131 50.7 42.6 64.0

130 2.7 1.8 2.8

166 29.3 27.5 41.3

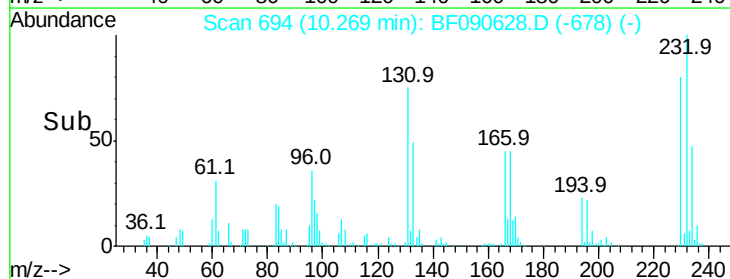
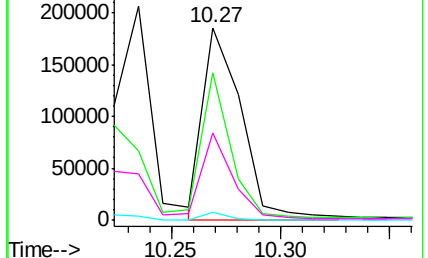


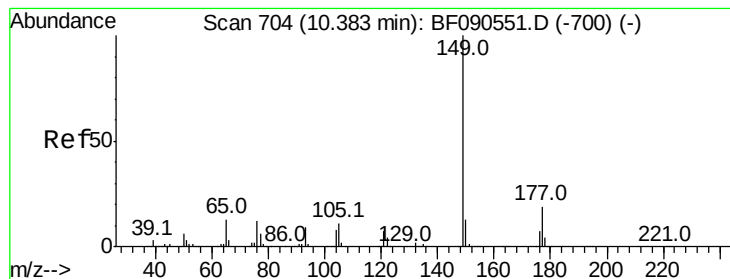
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.67 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

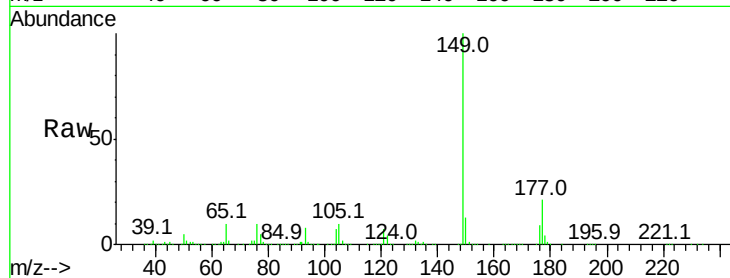
Tot Ion:149 Resp: 1219974

Ion Ratio Lower Upper

149 100

177 21.5 15.3 22.9

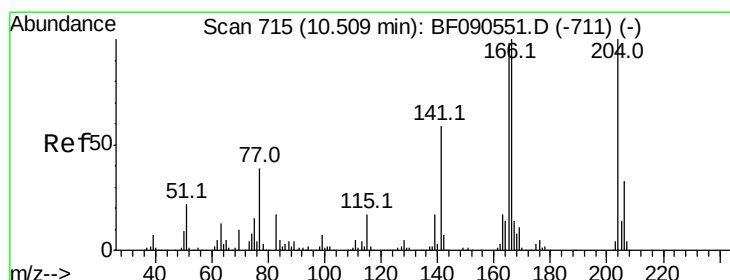
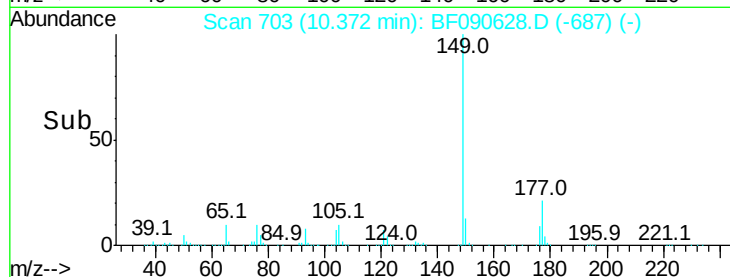
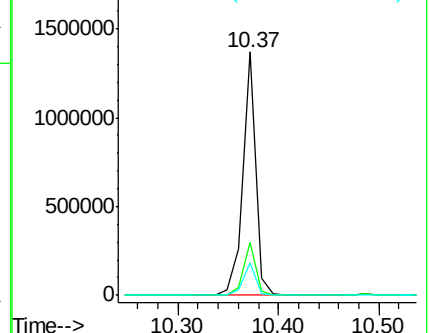
150 13.2 10.3 15.5



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: 36.98 ng

RT: 10.49 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

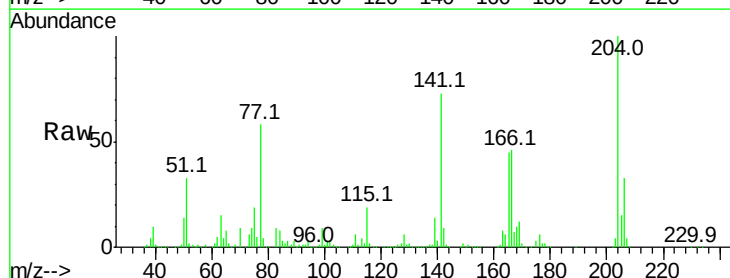
Tgt Ion:204 Resp: 493578

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

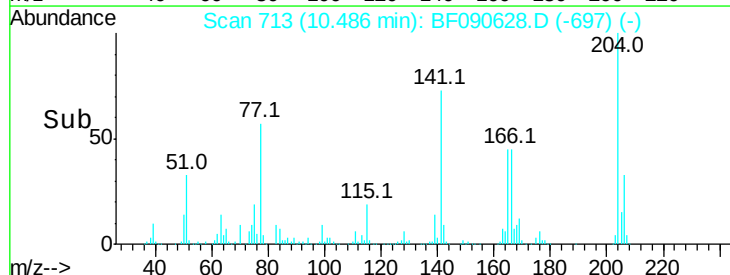
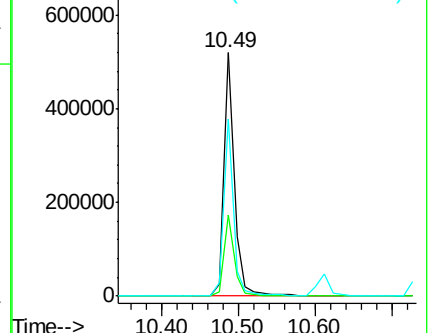
141 72.8 47.2 70.8#

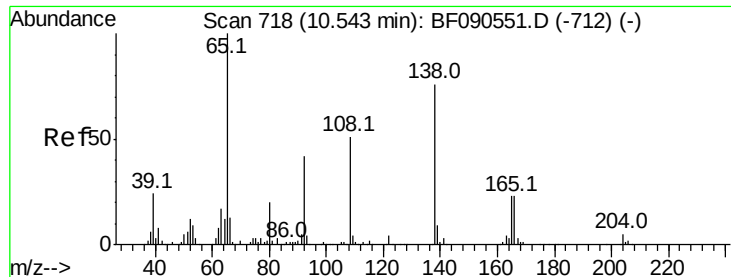


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

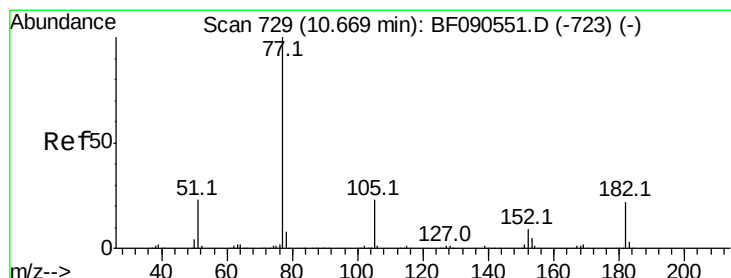
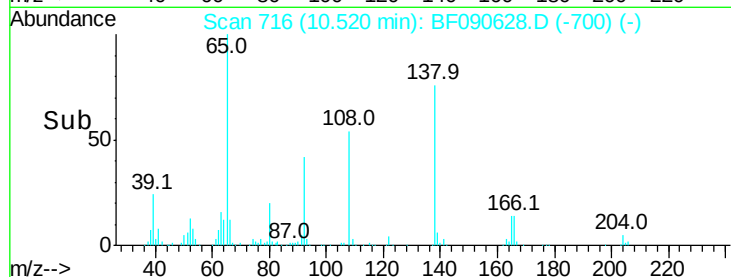
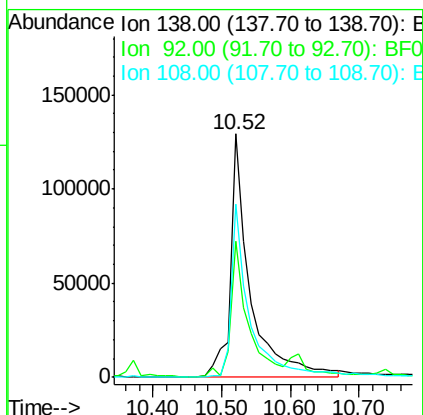
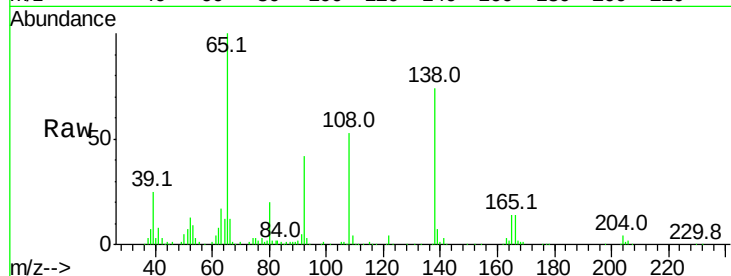




#61
4-Nitroaniline
Concen: 33.73 ng
RT: 10.52 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

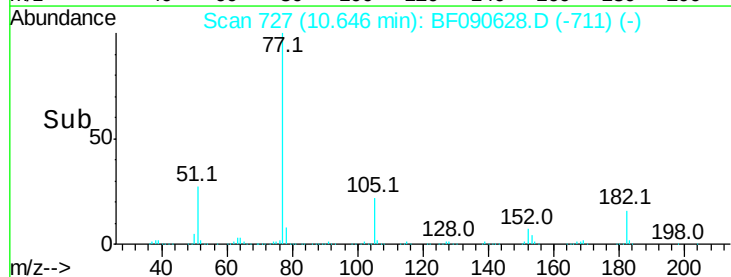
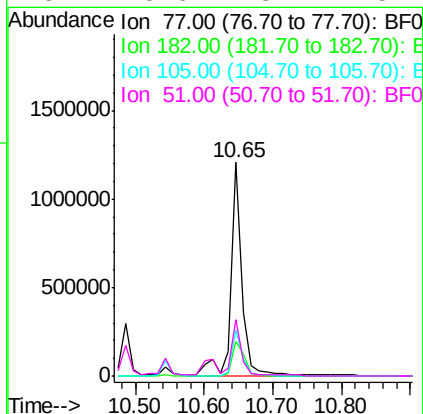
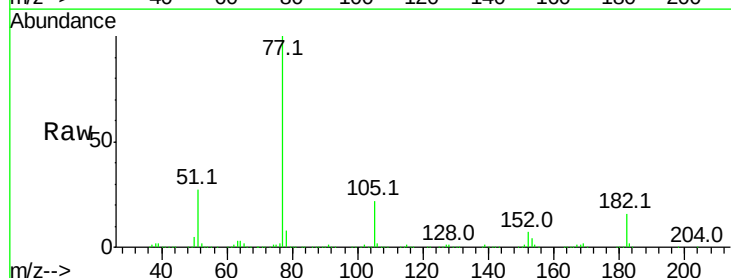
Instrument :
BNA_F
ClientSampleId :
PB94148BS

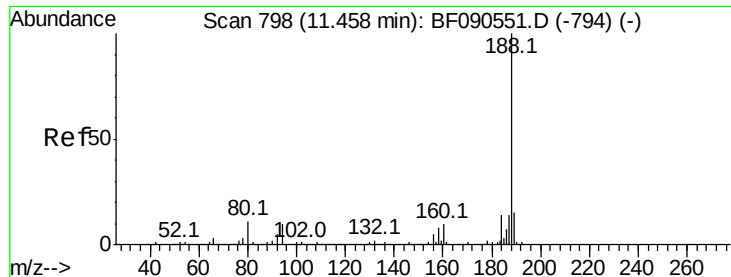
Tot Ion:138 Resp: 261807
Ion Ratio Lower Upper
138 100
92 55.9 35.7 75.7
108 70.9 46.9 86.9



#62
Azobenzene
Concen: 41.62 ng
RT: 10.65 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion: 77 Resp: 1376281
Ion Ratio Lower Upper
77 100
182 16.3 2.2 42.2
105 21.8 3.5 43.5
51 26.6 3.7 43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

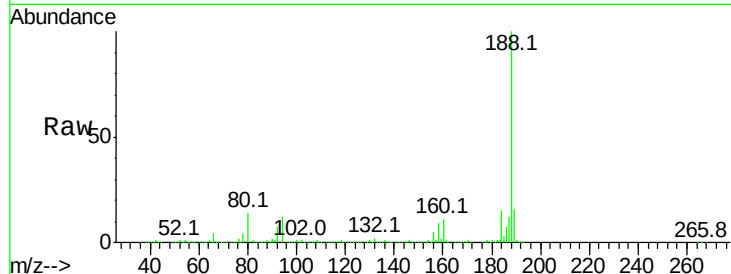
Tot Ion:188 Resp: 693139

Ion Ratio Lower Upper

188 100

94 11.9 7.7 11.5#

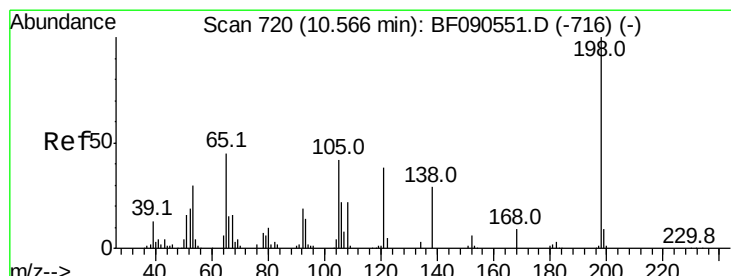
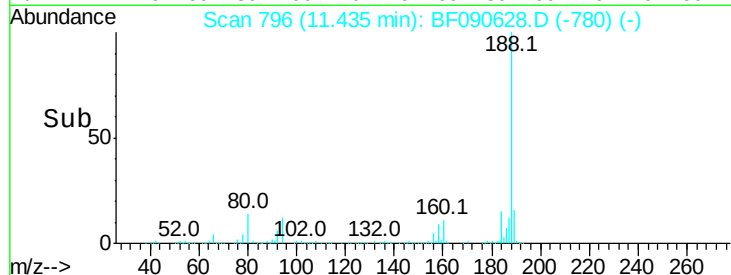
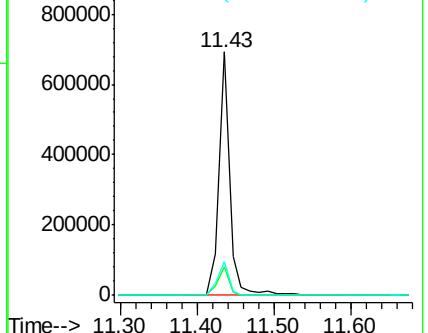
80 13.6 8.6 12.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.05 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

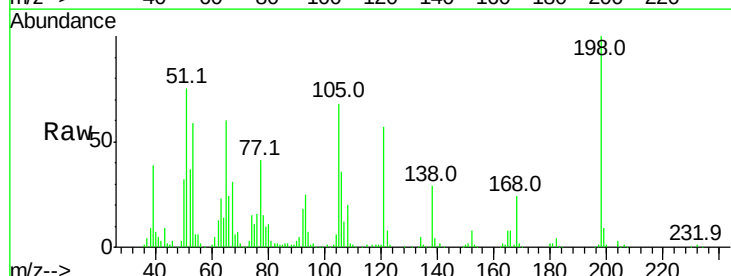
Tgt Ion:198 Resp: 147029

Ion Ratio Lower Upper

198 100

51 75.4 19.7 59.7#

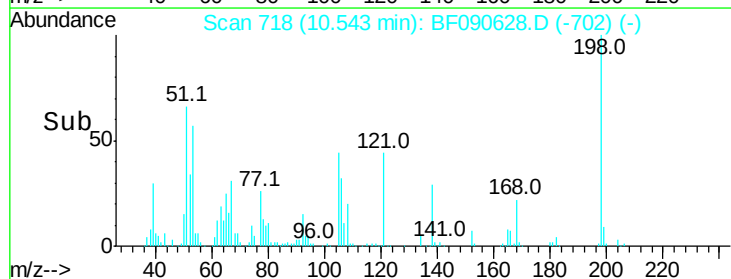
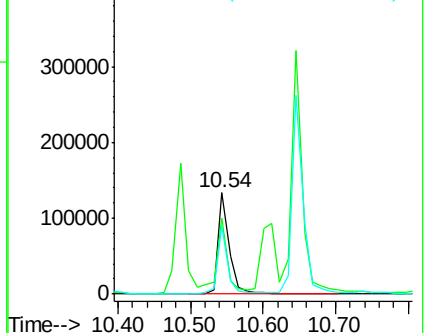
105 67.8 22.6 62.6#

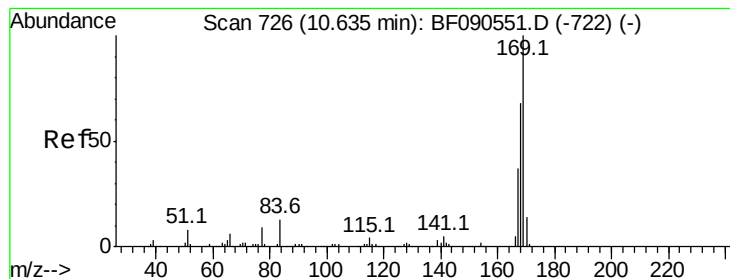


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.07 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

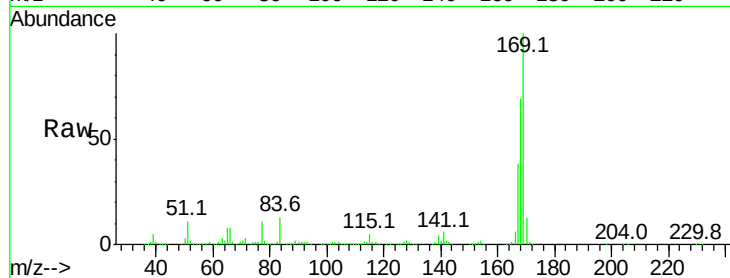
Tot Ion:169 Resp: 940214

Ion Ratio Lower Upper

169 100

168 69.0 54.6 81.8

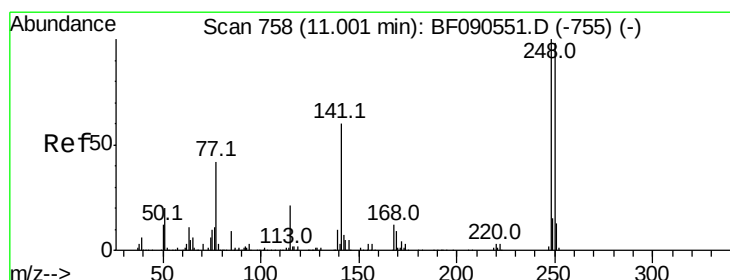
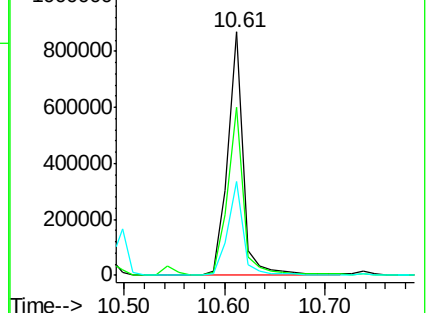
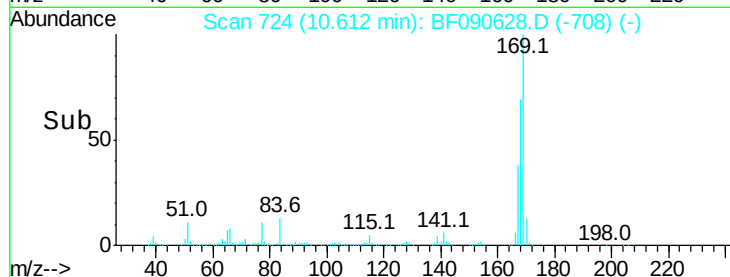
167 38.3 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.35 ng

RT: 10.98 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

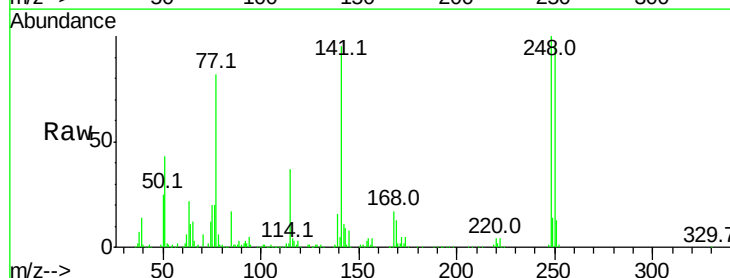
Tgt Ion:248 Resp: 277797

Ion Ratio Lower Upper

248 100

250 94.6 78.4 117.6

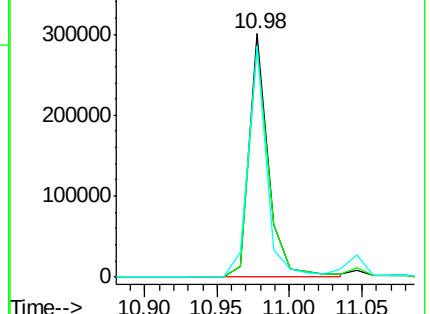
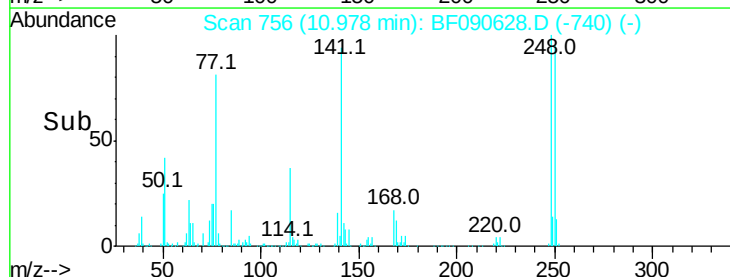
141 94.7 48.4 72.6#

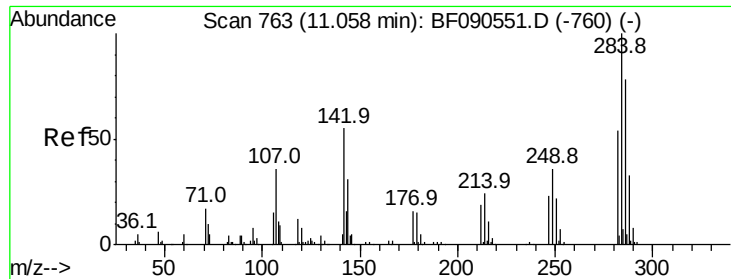


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

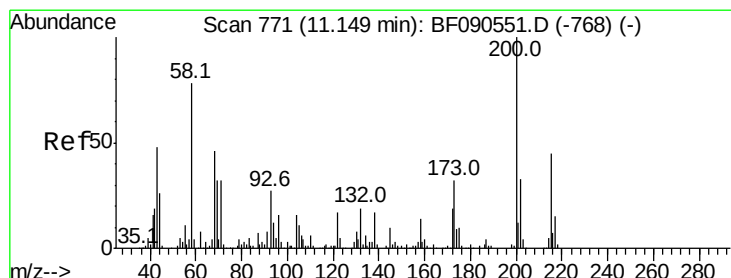
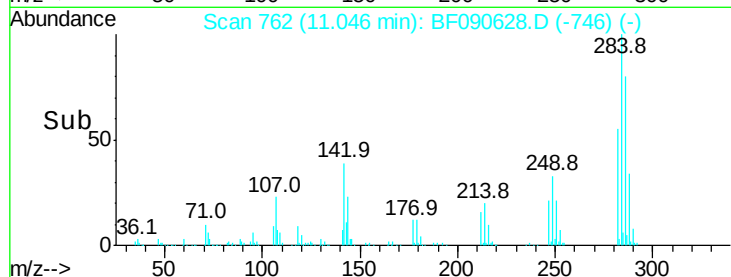
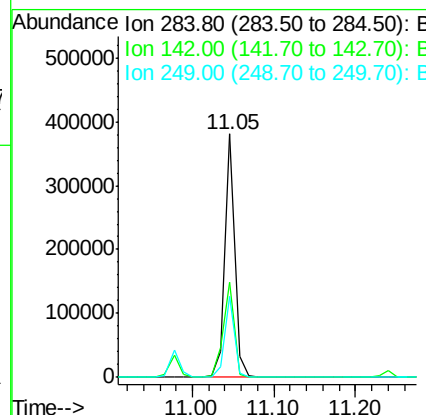
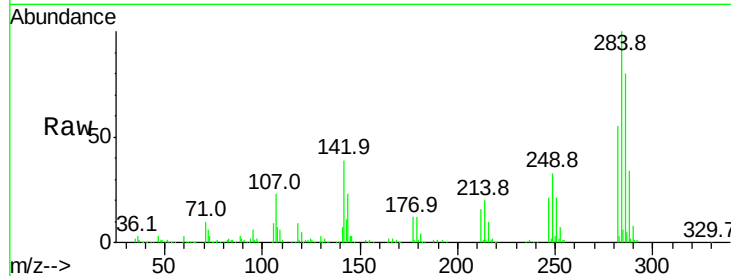




#67
Hexachlorobenzene
Concen: 39.36 ng
RT: 11.05 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

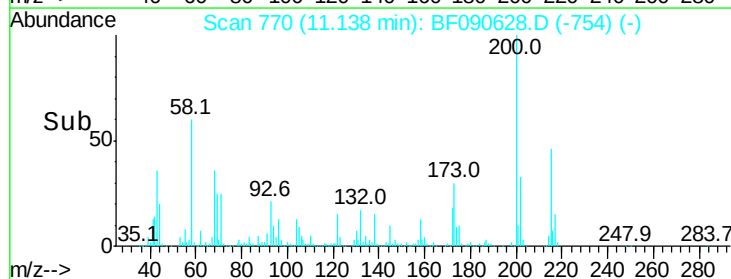
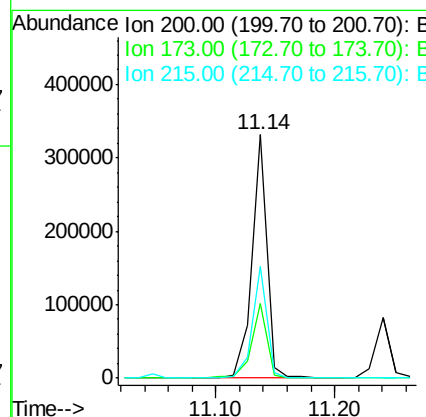
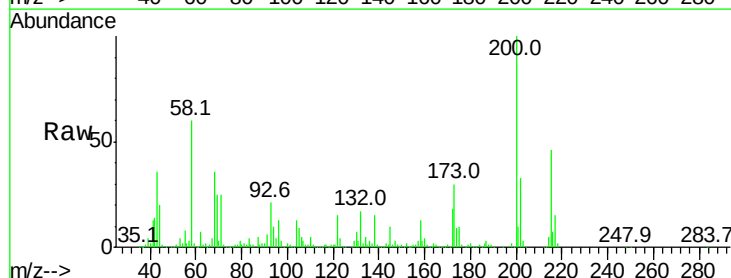
Instrument :
BNA_F
ClientSampleId :
PB94148BS

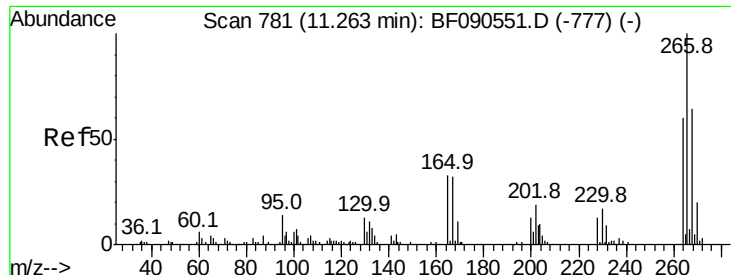
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.0	44.5	66.7#
249	33.3	29.6	44.4



#68
Atrazine
Concen: 46.52 ng
RT: 11.14 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	12.0	52.0
215	46.0	25.2	65.2

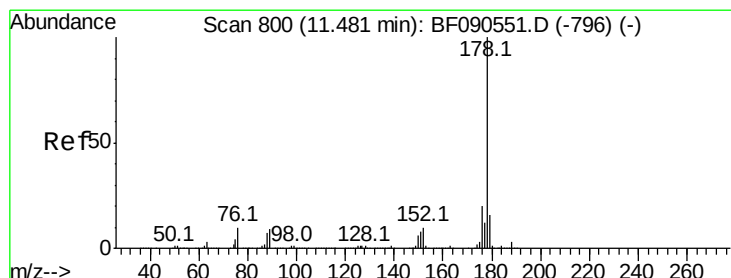
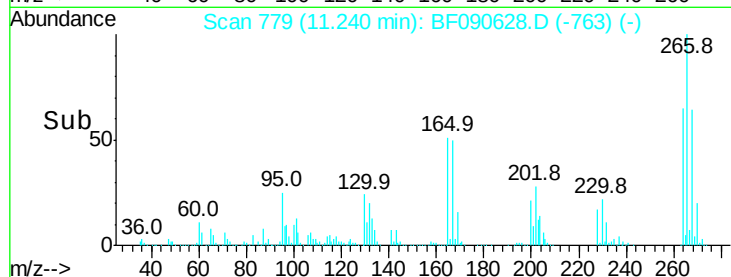
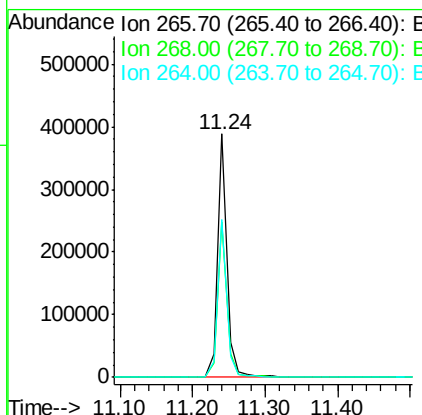
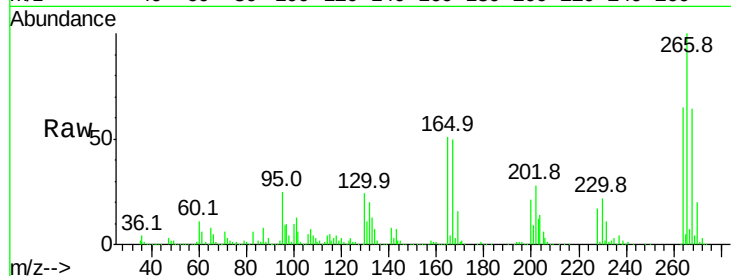




#69
 Pentachlorophenol
 Concen: 87.93 ng
 RT: 11.24 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

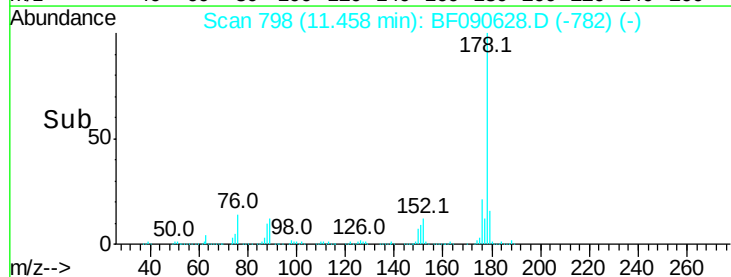
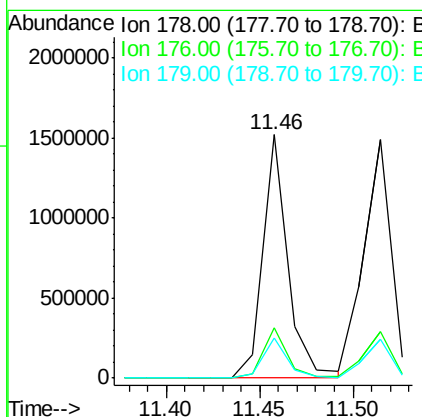
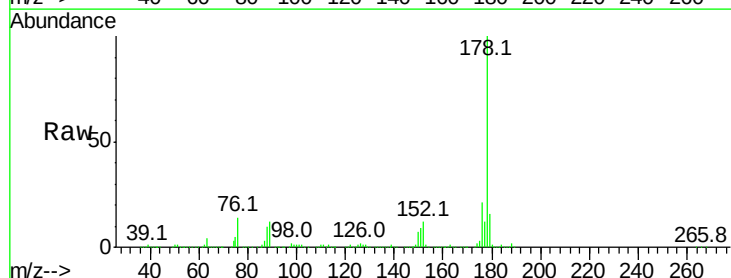
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

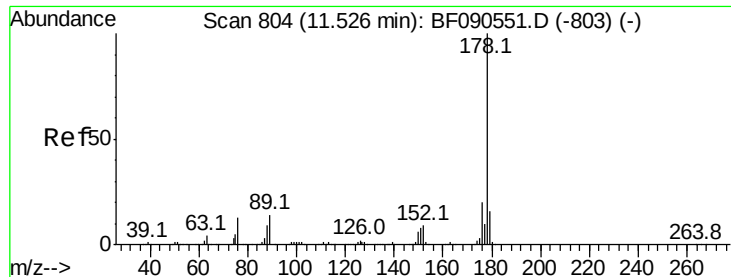
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.5	77.3
264	64.8	47.9	71.9



#70
 Phenanthrene
 Concen: 38.69 ng
 RT: 11.46 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.1	24.1
179	16.5	12.6	19.0





#71

Anthracene

Concen: 40.66 ng

RT: 11.51 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

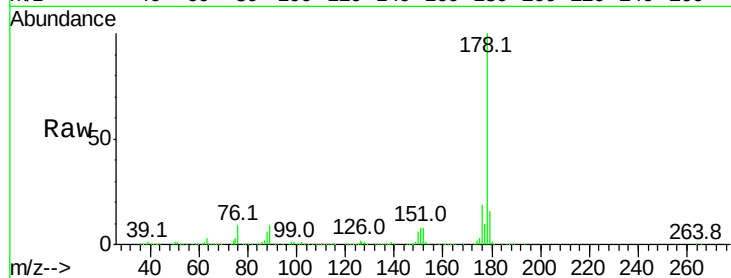
Tot Ion:178 Resp: 1618961

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

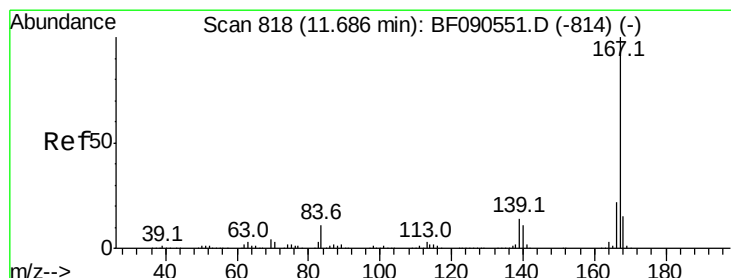
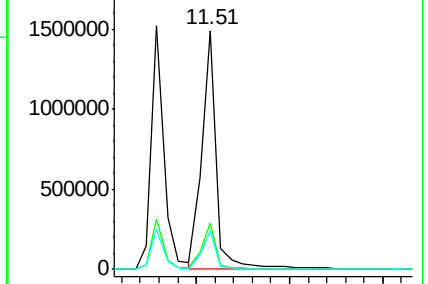
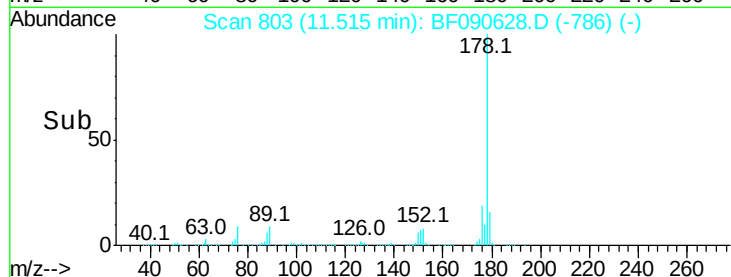
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.61 ng

RT: 11.66 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

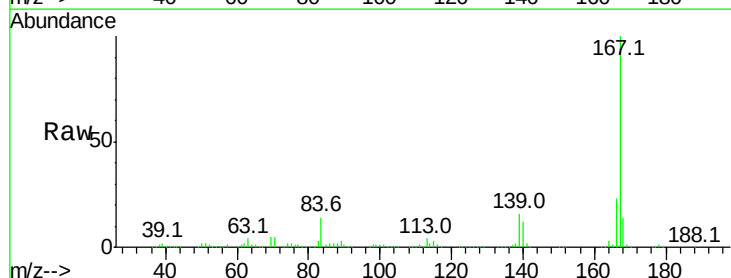
Tgt Ion:167 Resp: 1305099

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

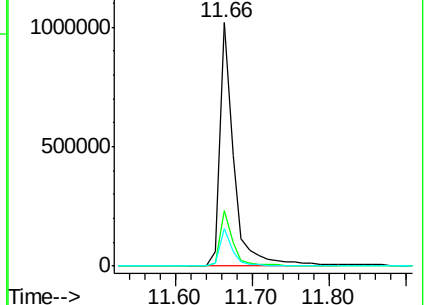
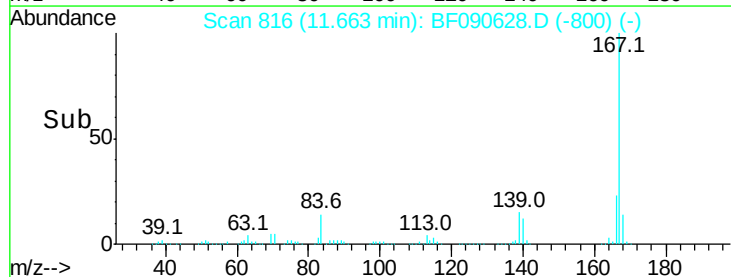
139 15.5 11.3 16.9

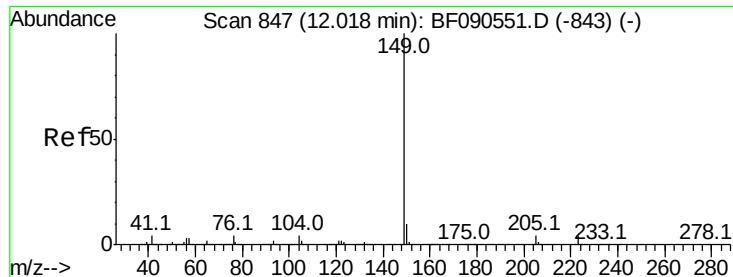


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.49 ng

RT: 11.99 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampled :

PB94148BS

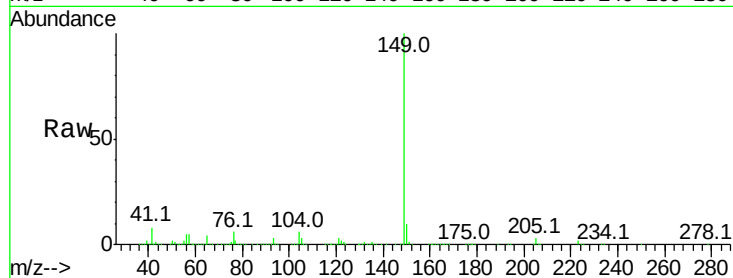
Tot Ion:149 Resp: 1690800

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

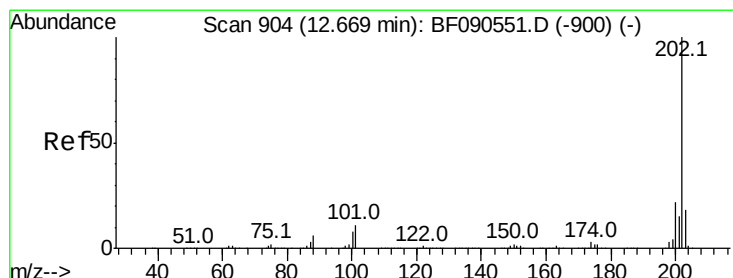
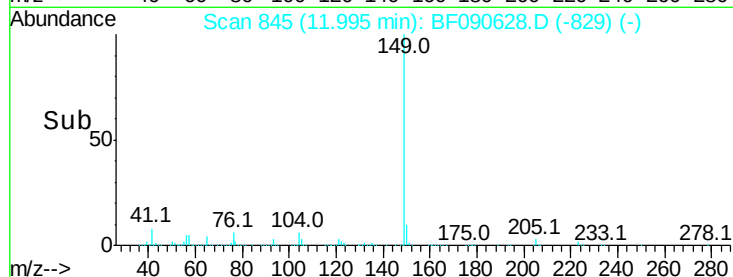
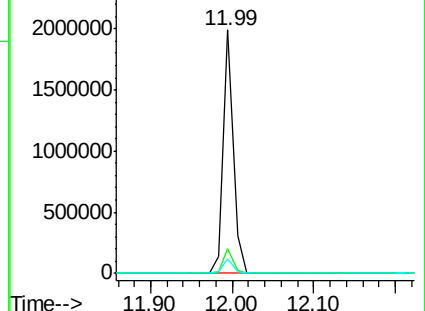
104 5.7 3.3 4.9#



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: 36.91 ng

RT: 12.65 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

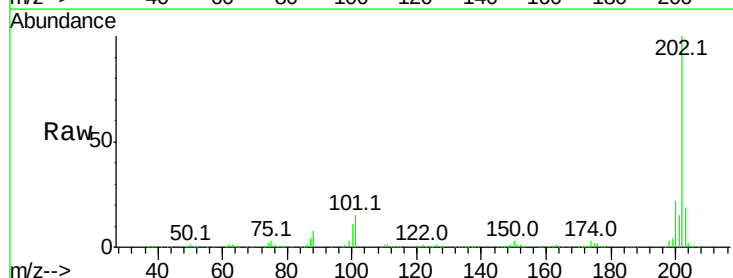
Tgt Ion:202 Resp: 1373636

Ion Ratio Lower Upper

202 100

101 15.0 0.0 31.1

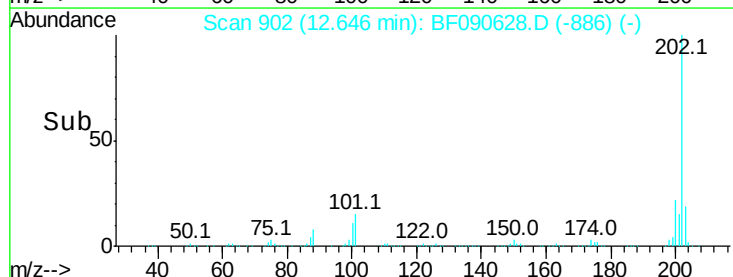
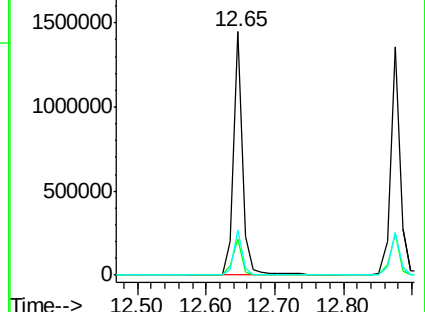
203 18.6 0.0 38.0

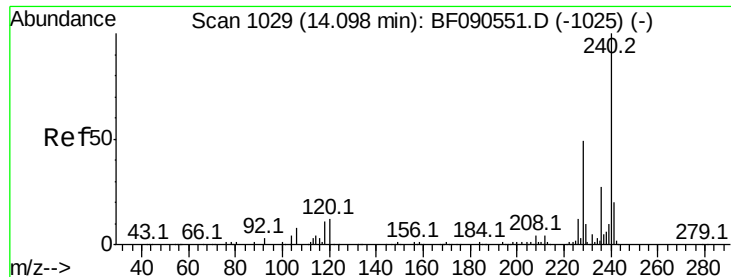


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

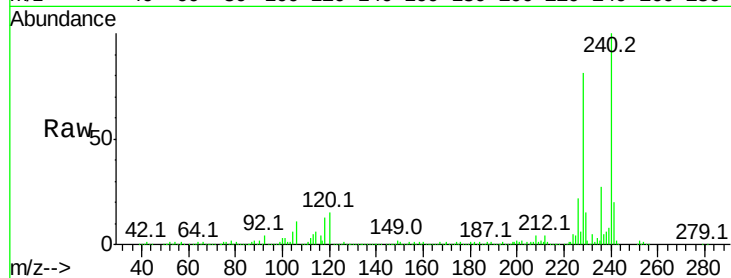
Tot Ion:240 Resp: 478946

Ion Ratio Lower Upper

240 100

120 15.0 9.8 14.8#

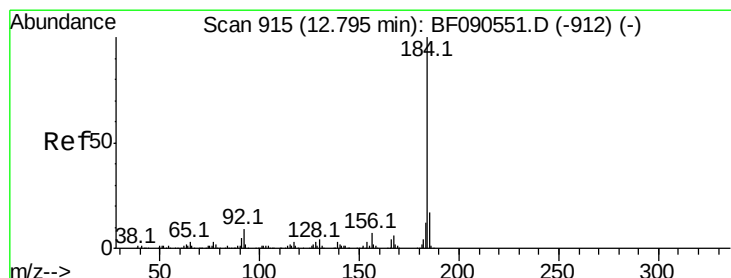
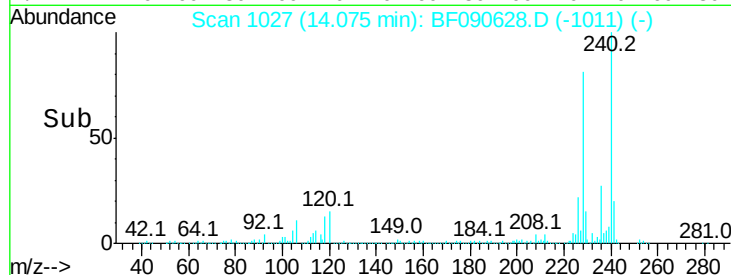
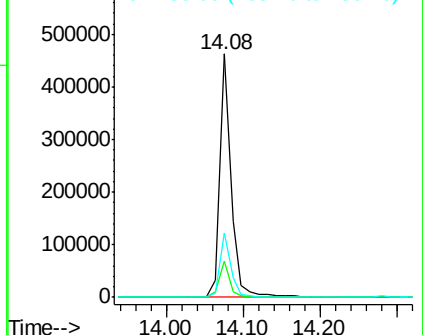
236 26.6 21.7 32.5



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: 28.07 ng

RT: 12.77 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

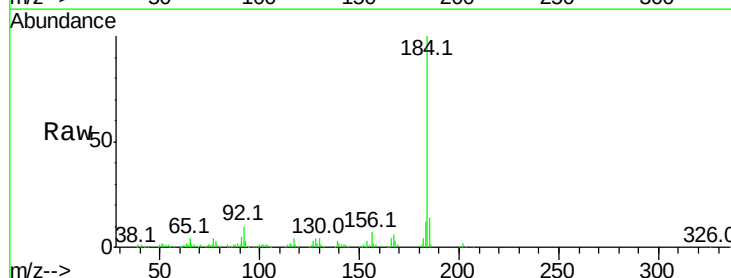
Tgt Ion:184 Resp: 334496

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

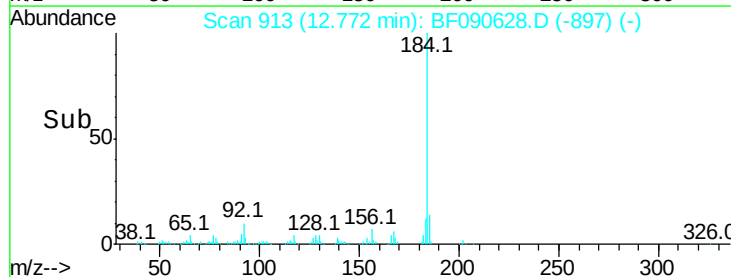
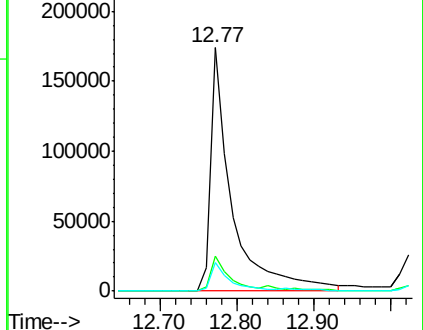
183 11.6 9.4 14.0

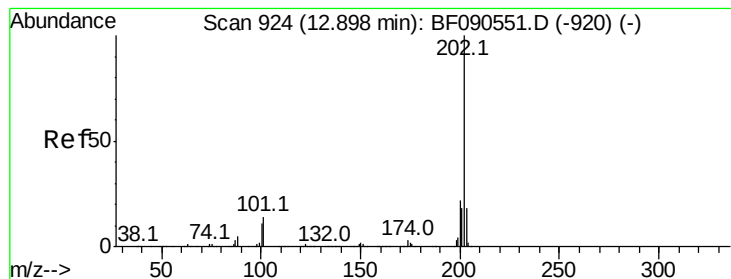


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.18 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB94148BS

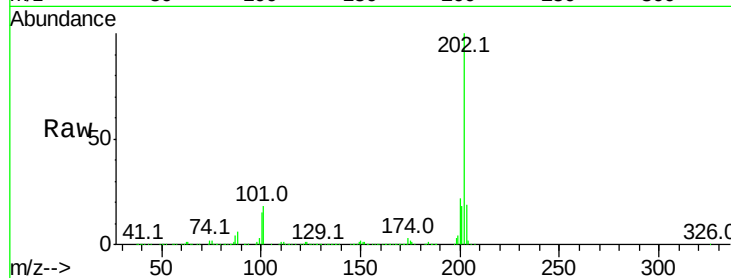
Tot Ion:202 Resp: 1306263

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

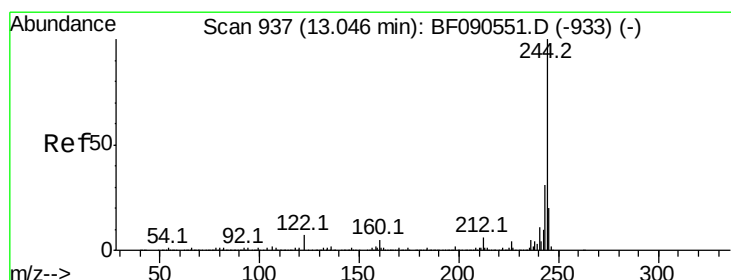
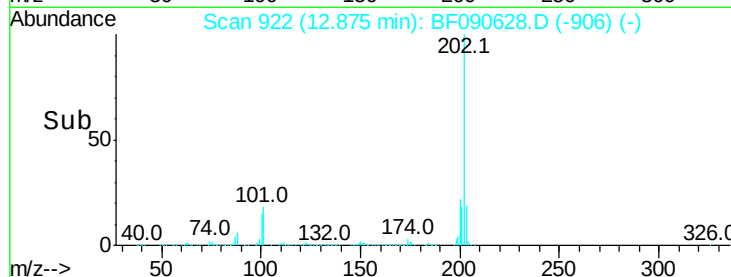
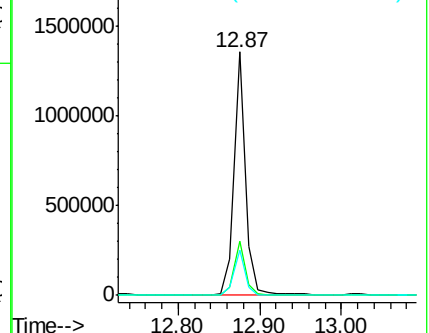
203 18.6 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.04 ng

RT: 13.02 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

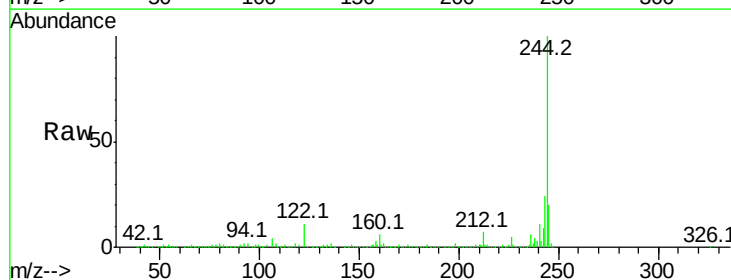
Tgt Ion:244 Resp: 1954898

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

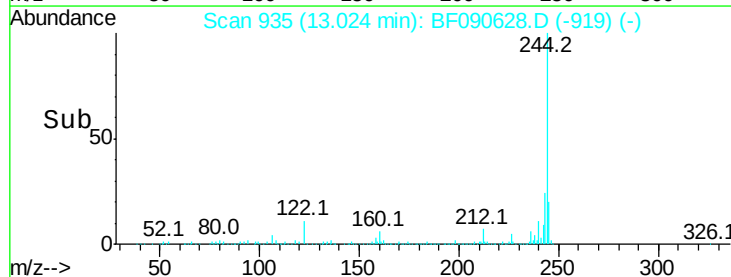
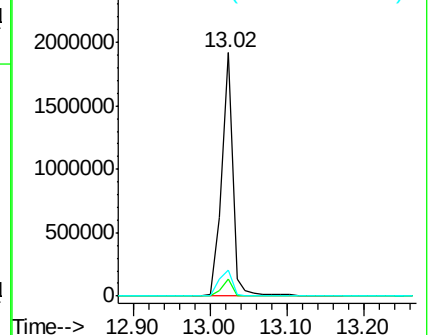
122 10.8 5.6 8.4#

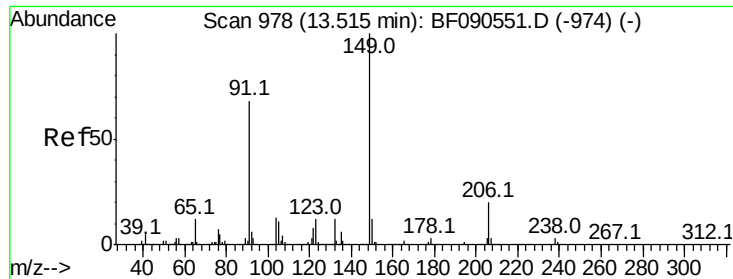


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

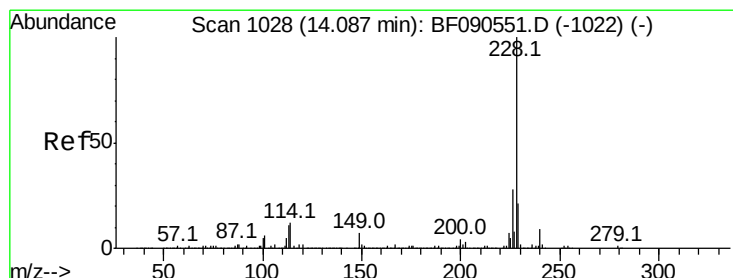
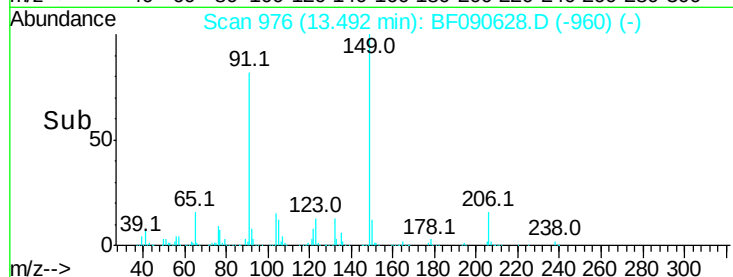
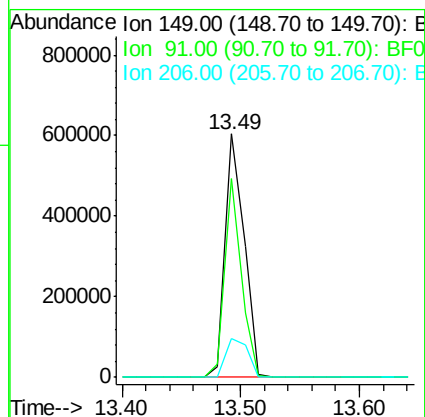
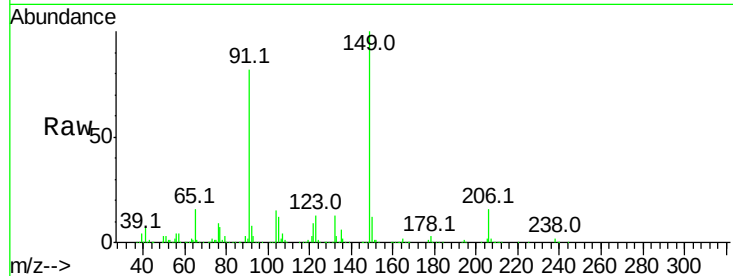




#79
Butylbenzylphthalate
Concen: 47.44 ng
RT: 13.49 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

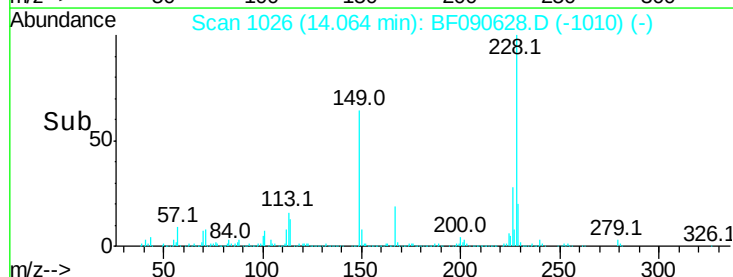
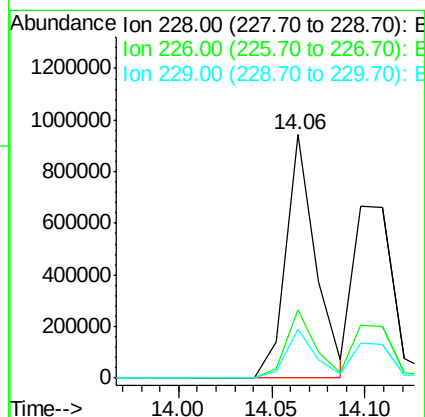
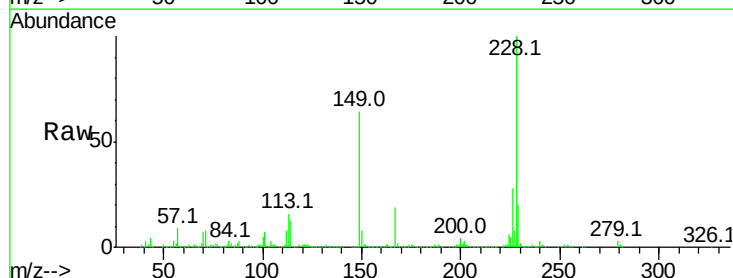
Instrument :
BNA_F
ClientSampleId :
PB94148BS

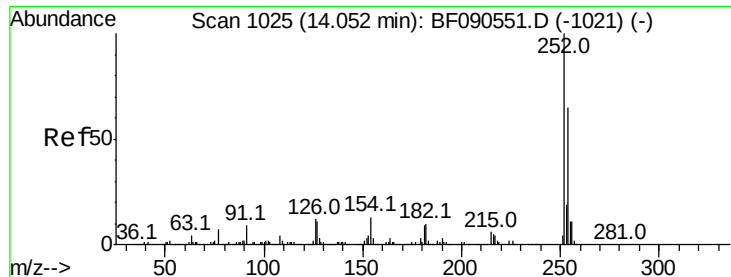
Tot Ion:149 Resp: 666720
Ion Ratio Lower Upper
149 100
91 81.7 54.3 81.5#
206 15.8 15.8 23.6



#80
Benzo(a)anthracene
Concen: 38.47 ng
RT: 14.06 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion:228 Resp: 1049005
Ion Ratio Lower Upper
228 100
226 27.8 22.8 34.2
229 20.3 16.6 25.0

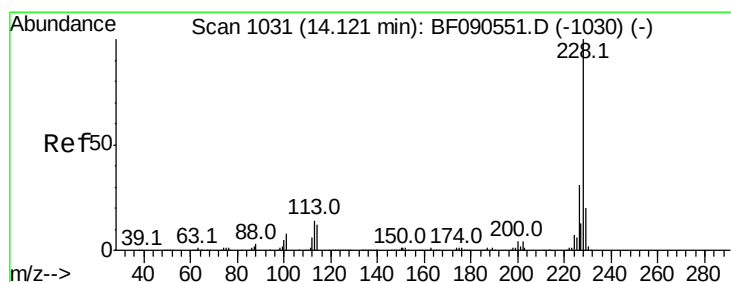
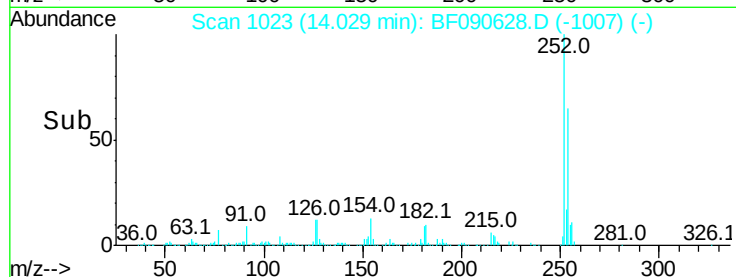
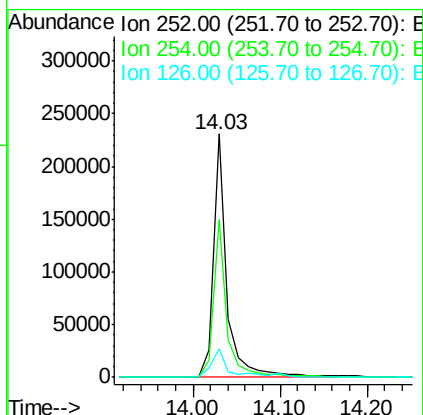
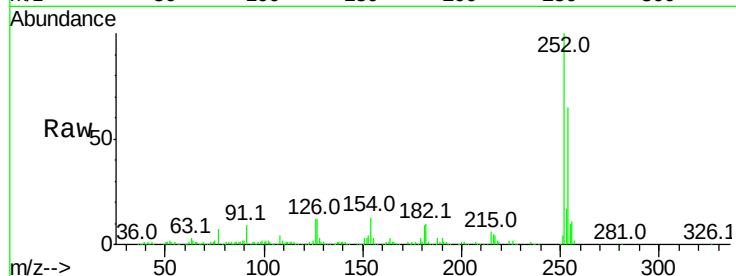




#81
 3,3'-Dichlorobenzidine
 Concen: 27.01 ng
 RT: 14.03 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

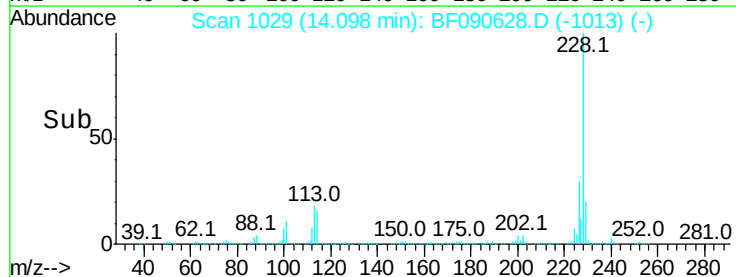
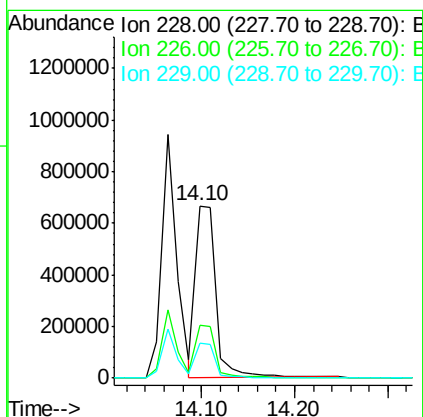
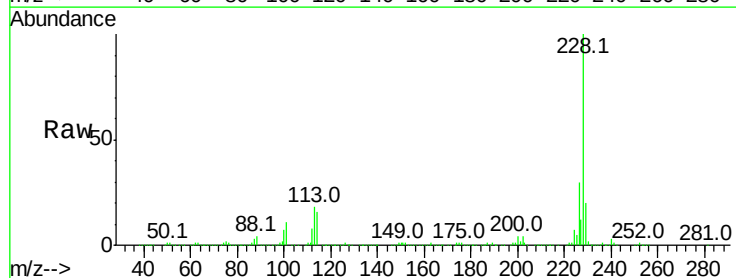
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

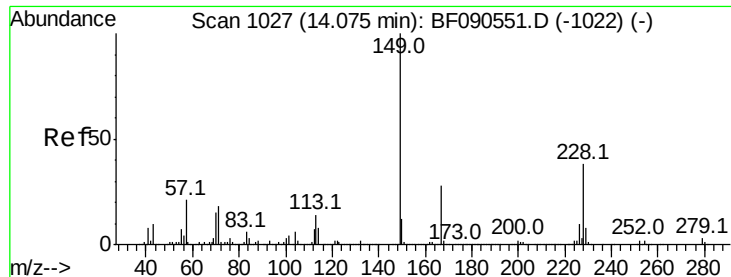
Tot Ion:252 Resp: 251606
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.1 78.1
 126 12.0 9.3 13.9



#82
 Chrysene
 Concen: 39.21 ng
 RT: 14.10 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion:228 Resp: 1030058
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.8 37.2
 229 20.4 16.2 24.4

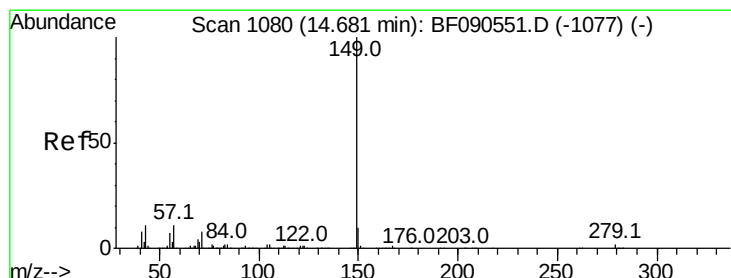
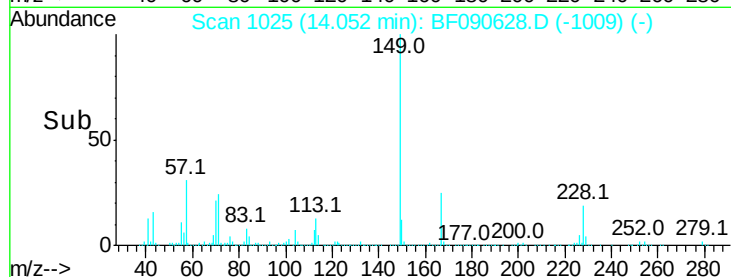
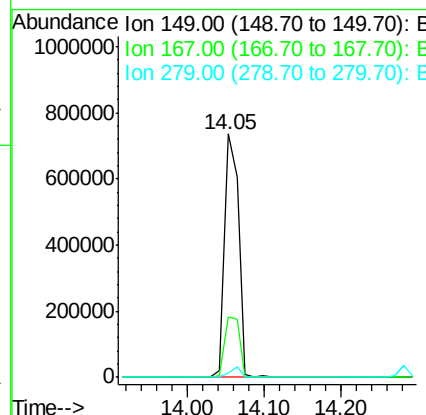
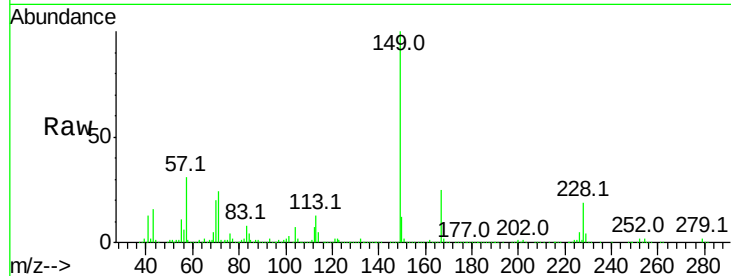




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.81 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

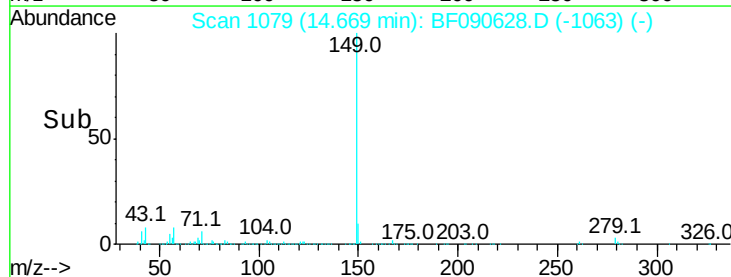
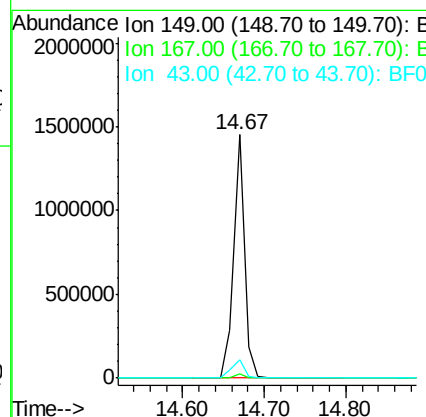
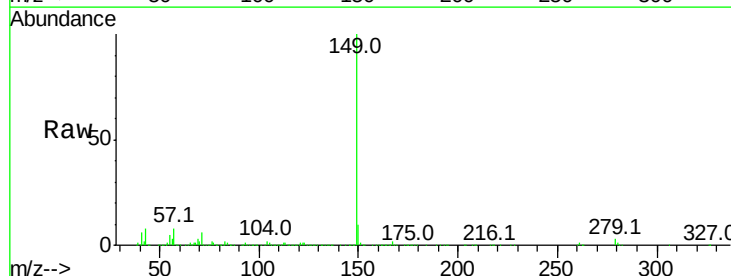
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

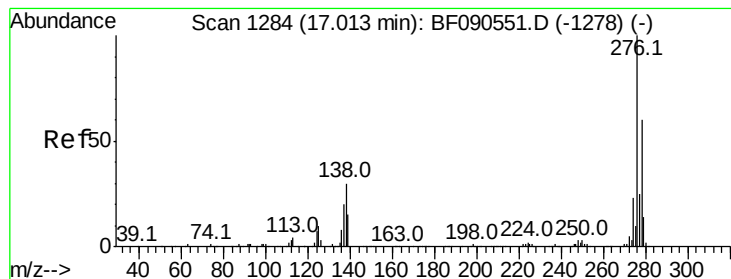
Tot Ion:149 Resp: 944347
 Ion Ratio Lower Upper
 149 100
 167 24.7 22.1 33.1
 279 1.8 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 52.43 ng
 RT: 14.67 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Tgt Ion:149 Resp: 1332771
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.4 6.7 10.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 71.28 ng

RT: 16.99 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :

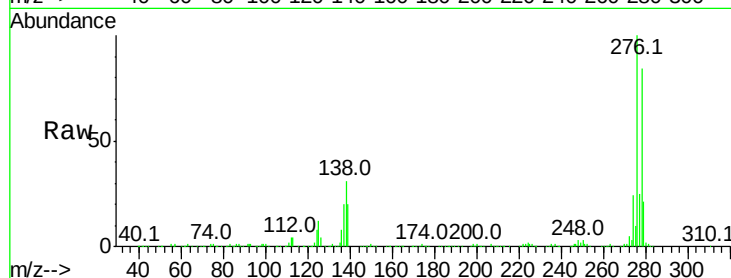
BNA_F

ClientSampleId :

PB94148BS

Tot Ion:276 Resp: 1082739

Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.8	38.6
277	25.1	20.1	30.1

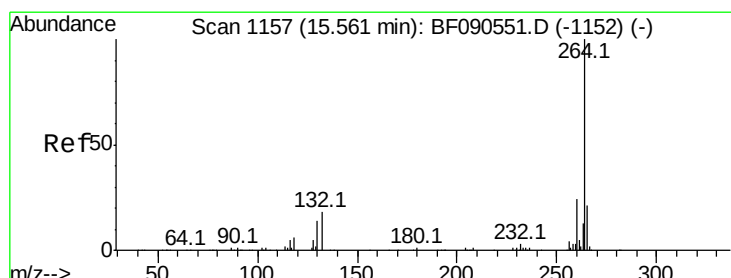
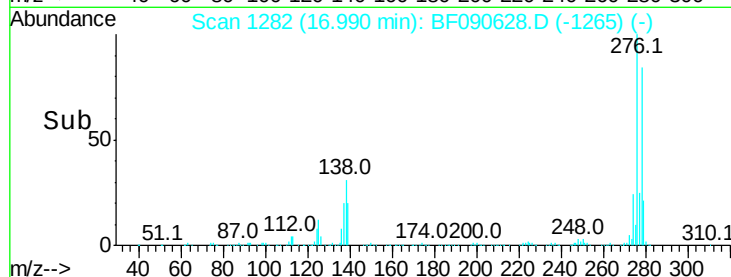
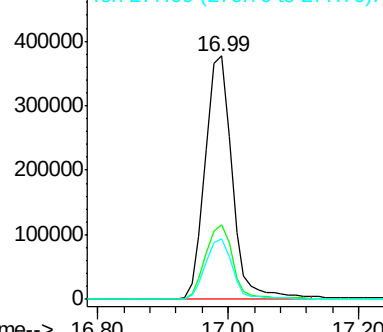


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 1155

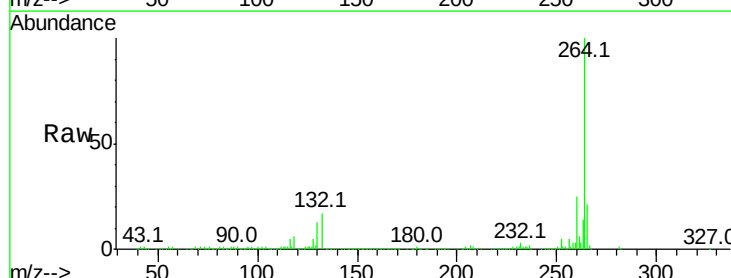
Delta R.T. -0.00 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Tgt Ion:264 Resp: 375723

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	20.9	16.7	25.1

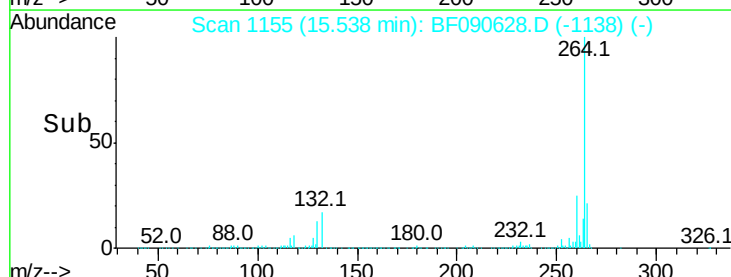
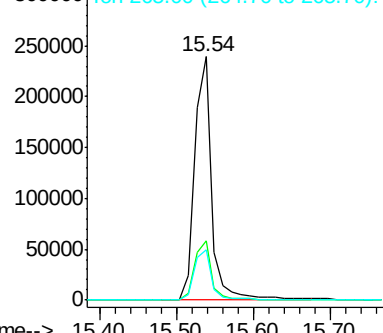


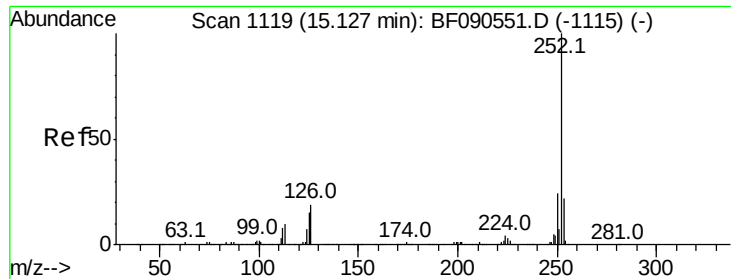
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

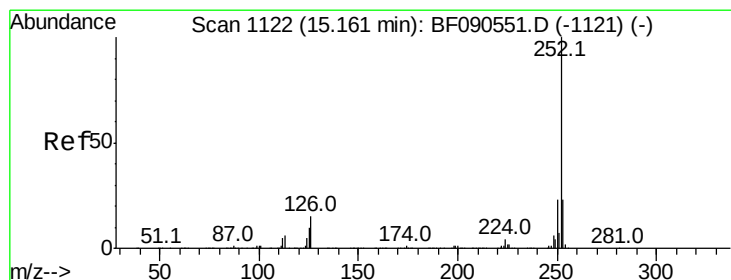
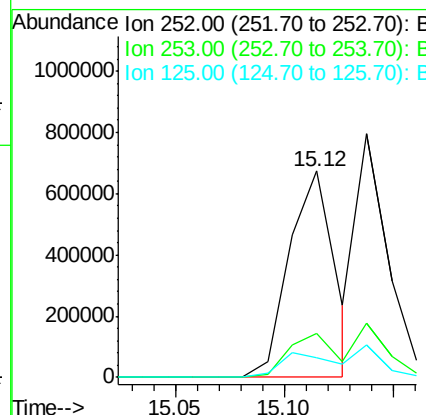
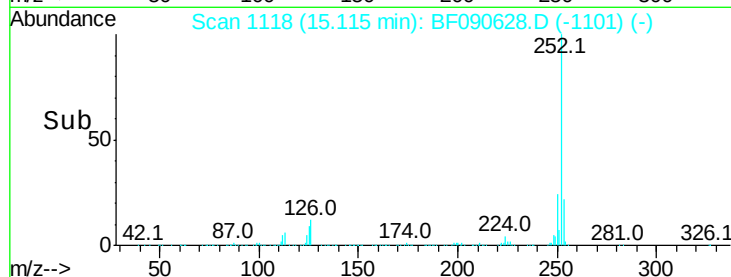
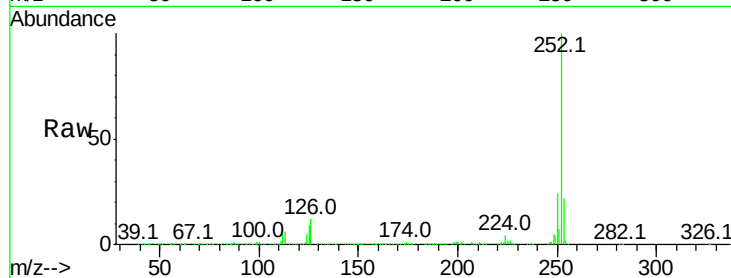




#87
Benzo(b)fluoranthene
Concen: 39.70 ng
RT: 15.12 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

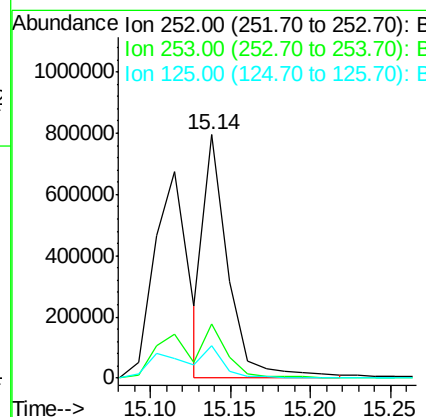
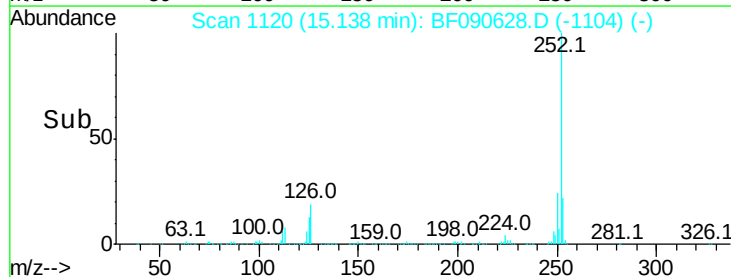
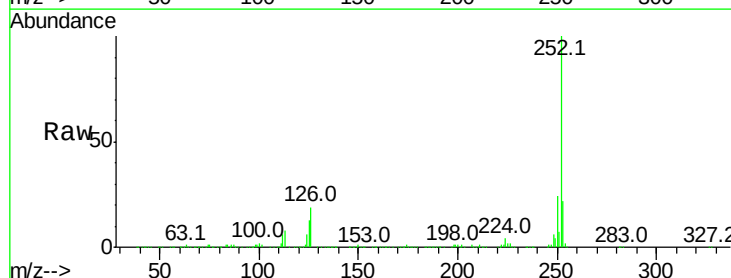
Instrument :
BNA_F
ClientSampleId :
PB94148BS

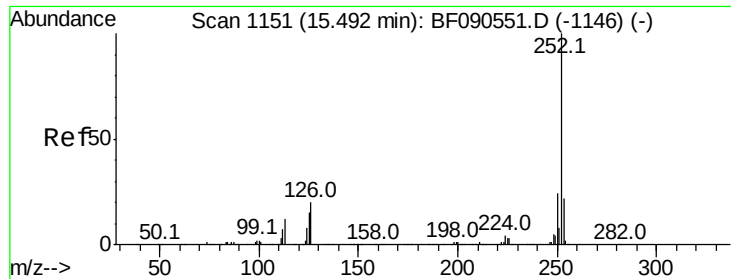
Tot Ion:252 Resp: 975990
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.5 12.0 18.0#



#88
Benzo(k)fluoranthene
Concen: 32.68 ng m
RT: 15.14 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF090628.D
Acq: 18 Oct 2016 14:59

Tgt Ion:252 Resp: 864430
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 13.1 10.0 15.0





#89

Benzo(a)pyrene

Concen: 39.95 ng

RT: 15.47 min Scan# 1149

Delta R.T. -0.01 min

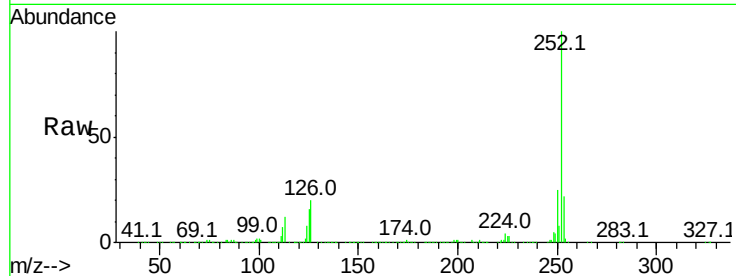
Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tot Ion:252 Resp: 899270

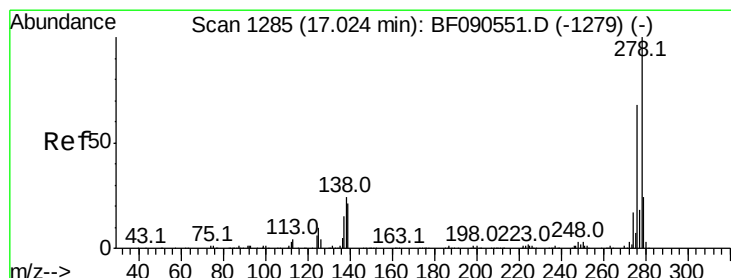
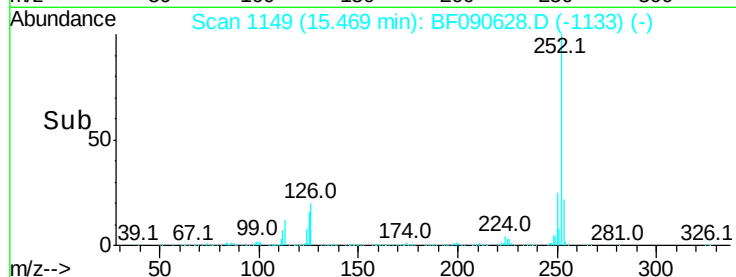
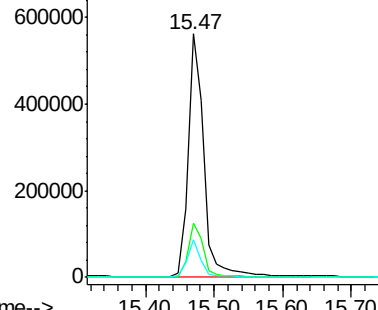
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.6	12.3	18.5



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: 53.87 ng

RT: 17.00 min Scan# 1283

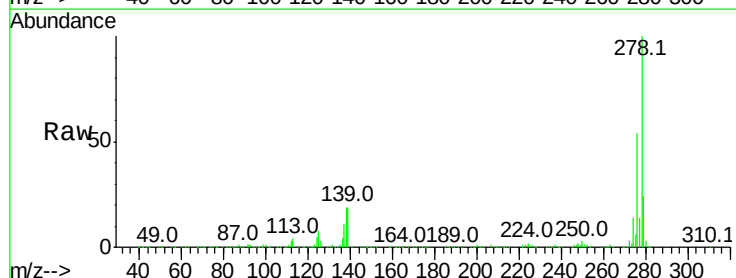
Delta R.T. -0.01 min

Lab File: BF090628.D

Acq: 18 Oct 2016 14:59

Tgt Ion:278 Resp: 924650

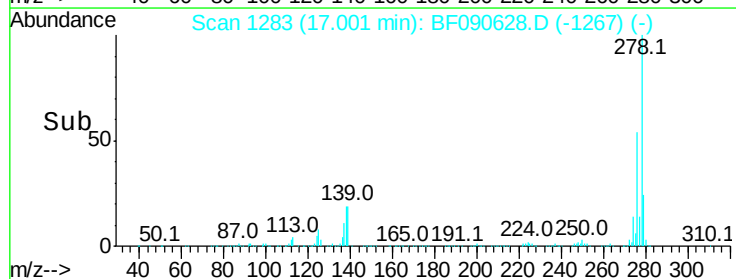
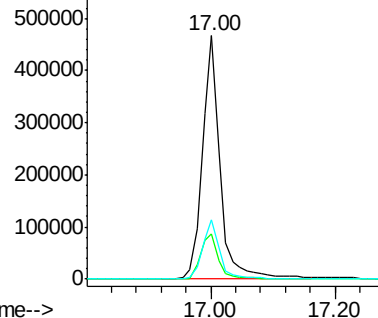
Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.6	25.0
279	24.2	19.1	28.7

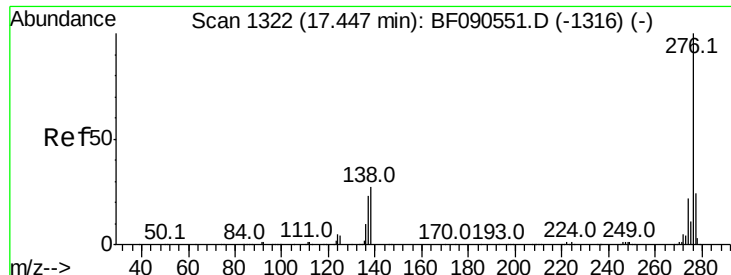


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

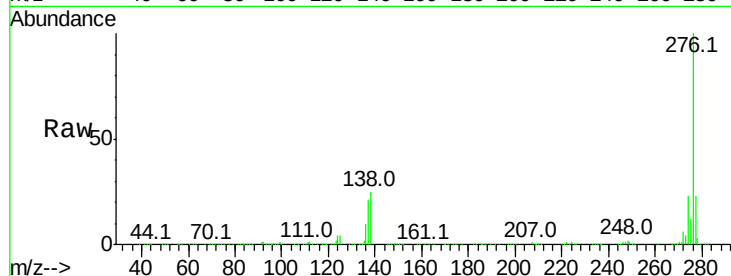




#91
 Benzo(a,h,i)perylene
 Concen: 55.36 ng
 RT: 17.42 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF090628.D
 Acq: 18 Oct 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	24.8	21.8	32.8



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

