

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
 Data File : BF090632.D
 Acq On : 18 Oct 2016 17:13
 Operator : UM/SJ
 Sample : H5289-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

Quant Time: Oct 19 01:07:00 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	231294	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	1040334	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	539734	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	775673	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	535682	20.00	ng	0.00
86) Perylene-d12	15.54	264	484139	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1461547	115.84	ng	0.00
7) Phenol-d6	6.54	99	2078291	110.86	ng	0.00
23) Nitrobenzene-d5	7.47	82	1414013	75.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	443922	92.25	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	2150197	65.64	ng	0.00
78) Terphenyl-d14	13.02	244	1524952	66.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	243382	33.85	ng	96
3) Pyridine	3.33	79	494701	30.69	ng	90
4) n-Nitrosodimethylamine	3.27	42	241864	42.83	ng	83
6) Aniline	6.63	93	1016266	44.86	ng	# 56
8) 2-Chlorophenol	6.69	128	709703	43.38	ng	87
9) Benzaldehyde	6.44	77	167986	14.10	ng	91
10) Phenol	6.55	94	791982	36.94	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	1016266	57.45	ng	99
12) 1,3-Dichlorobenzene	6.84	146	651915	39.96	ng	98
13) 1,4-Dichlorobenzene	6.92	146	691935	38.99	ng	99
14) 1,2-Dichlorobenzene	7.07	146	634393	38.24	ng	97
15) Benzyl Alcohol	7.05	79	583469	45.69	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1043274	41.91	ng	91
17) 2-Methylphenol	7.16	107	516673	40.53	ng	97
18) Hexachloroethane	7.41	117	251482	35.86	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	521255	40.55	ng	# 94
20) 3+4-Methylphenols	7.32	107	677025	43.80	ng	# 73
22) Acetophenone	7.31	105	953659	41.49	ng	# 93
24) Nitrobenzene	7.49	77	810417	42.16	ng	# 87
25) Isophorone	7.73	82	1443828	42.36	ng	# 92
26) 2-Nitrophenol	7.80	139	293503	33.66	ng	91
27) 2,4-Dimethylphenol	7.85	122	528223	36.51	ng	95
28) bis(2-Chloroethoxy)methane	7.94	93	850998	42.28	ng	99
29) 2,4-Dichlorophenol	8.05	162	519973	41.03	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	551585	37.16	ng	98
31) Naphthalene	8.21	128	1953912	36.87	ng	98
32) Benzoic acid	7.93	122	51499	5.79	ng	95
33) 4-Chloroaniline	8.29	127	348053	17.18	ng	97
34) Hexachlorobutadiene	8.33	225	267064	32.20	ng	99
35) Caprolactam	8.63	113	180405	51.00	ng	# 80
36) 4-Chloro-3-methylphenol	8.75	107	548716	37.52	ng	93
37) 2-Methylnaphthalene	8.91	142	1336308	42.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	467371	32.66	ng	99
40) Hexachlorocyclopentadiene	9.06	237	290651	41.58	ng	99

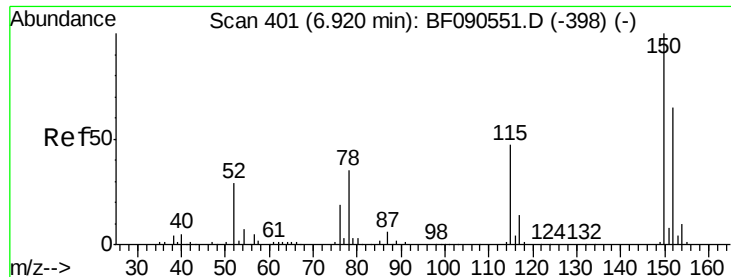
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	335166	41.52	ng	97
43) 2,4,5-Trichlorophenol	9.23	196	345951	35.93	ng	97
45) 1,1'-Biphenyl	9.37	154	1400636	34.10	ng	96
46) 2-Chloronaphthalene	9.40	162	1149106	37.52	ng	93
47) 2-Nitroaniline	9.49	65	423920	38.18	ng	88
48) Acenaphthylene	9.81	152	1758130	36.05	ng	99
49) Dimethylphthalate	9.67	163	1562249	44.61	ng	99
50) 2,6-Dinitrotoluene	9.73	165	258866	33.78	ng	# 54
51) Acenaphthene	9.98	154	1057616	32.63	ng	100
52) 3-Nitroaniline	9.90	138	267226	27.79	ng	91
53) 2,4-Dinitrophenol	10.01	184	38396	14.25	ng	# 79
54) Dibenzofuran	10.15	168	1503248	35.26	ng	92
55) 4-Nitrophenol	10.07	139	400959	69.29	ng	95
56) 2,4-Dinitrotoluene	10.14	165	401402	38.57	ng	91
57) Fluorene	10.50	166	1187093	33.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	265081	33.05	ng	98
59) Diethylphthalate	10.37	149	1272588	35.83	ng	98
60) 4-Chlorophenyl-phenylether	10.49	204	522321	31.51	ng	# 82
61) 4-Nitroaniline	10.52	138	266819	27.67	ng	96
62) Azobenzene	10.65	77	1534618	37.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	48512	10.33	ng	# 17
65) n-Nitrosodiphenylamine	10.61	169	1068982	41.72	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	290438	34.90	ng	# 78
67) Hexachlorobenzene	11.05	284	312371	34.57	ng	91
68) Atrazine	11.14	200	268599	37.90	ng	99
69) Pentachlorophenol	11.24	266	308991	68.99	ng	97
70) Phenanthrene	11.46	178	1700970	41.08	ng	99
71) Anthracene	11.51	178	1698141	38.11	ng	99
72) Carbazole	11.66	167	1301251	32.62	ng	98
73) Di-n-butylphthalate	11.99	149	1807545	38.68	ng	# 98
74) Fluoranthene	12.65	202	1542017	37.03	ng	90
76) Benzidine	12.78	184	49010	3.68	ng	# 93
77) Pyrene	12.87	202	1474503	41.56	ng	99
79) Butylbenzylphthalate	13.49	149	651979	41.48	ng	# 74
80) Benzo(a)anthracene	14.07	228	1342426	44.02	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	257085	24.68	ng	# 94
82) Chrysene	14.11	228	1332337	45.34	ng	98
83) Bis(2-ethylhexyl)phthalate	14.06	149	928248	43.77	ng	# 98
84) Di-n-octyl phthalate	14.67	149	1457087	51.24	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.00	276	1013329	59.65	ng	98
87) Benzo(b)fluoranthene	15.15	252	2669507	84.26	ng	96
88) Benzo(k)fluoranthene	15.15	252	2669507	78.31	ng	99
89) Benzo(a)pyrene	15.48	252	1111825	38.33	ng	100
90) Dibenzo(a,h)anthracene	17.01	278	821815	37.16	ng	97
91) Benzo(g,h,i)perylene	17.44	276	765997	36.32	ng	98

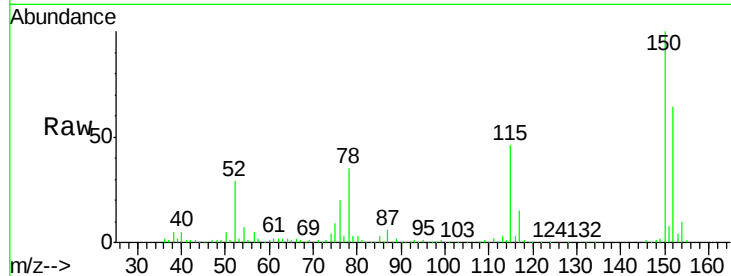
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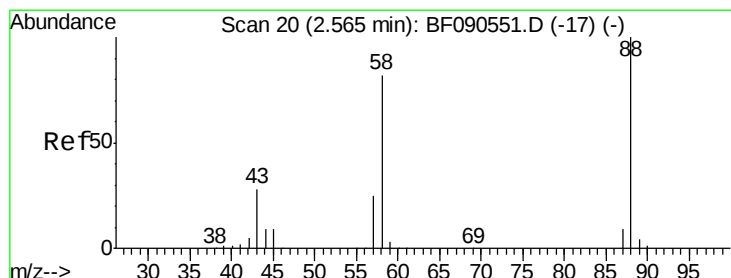
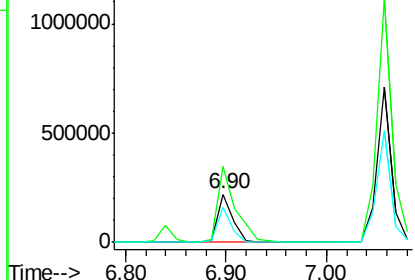
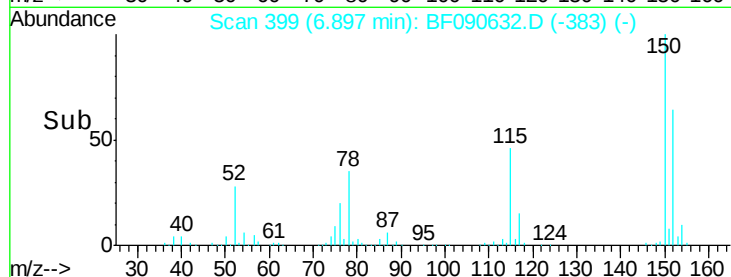
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Instrument :
 BNA_F
 ClientSampleID :
 SP-3-2MS

Tgt Ion: 152 Resp: 231294
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.2 190.8
 115 71.5 58.6 88.0

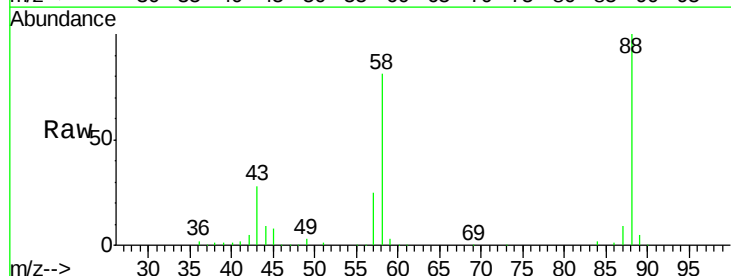


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

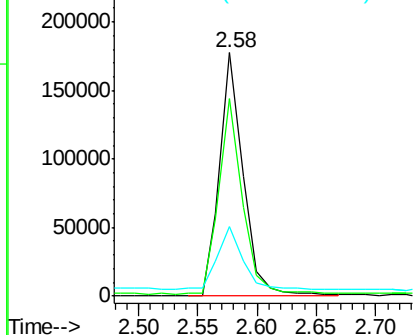
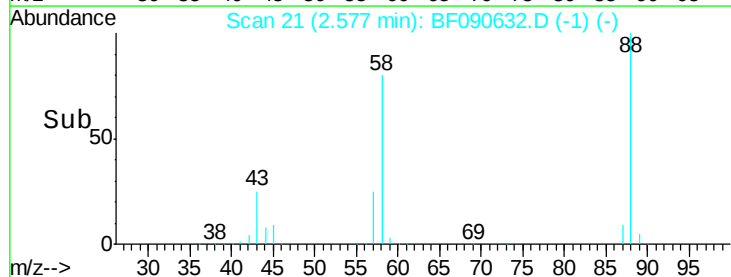


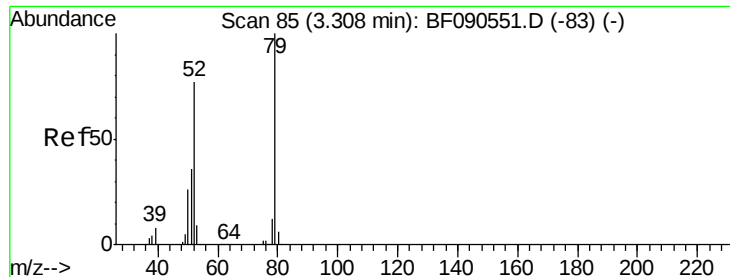
#2
 1,4-Dioxane
 Concen: 33.85 ng
 RT: 2.58 min Scan# 21
 Delta R.T. 0.05 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion: 88 Resp: 243382
 Ion Ratio Lower Upper
 88 100
 58 80.6 67.2 100.8
 43 27.5 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

Pyridine

Concen: 30.69 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.06 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

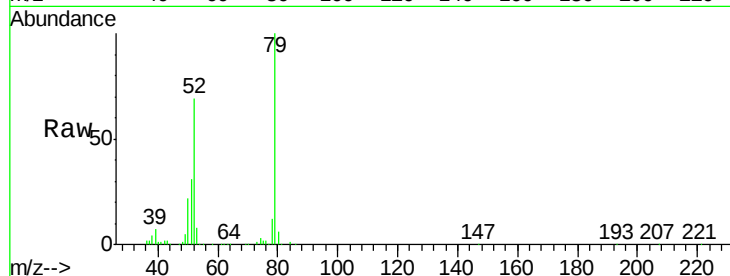
Tgt Ion: 79 Resp: 494701

Ion Ratio Lower Upper

79 100

52 68.6 61.8 92.8

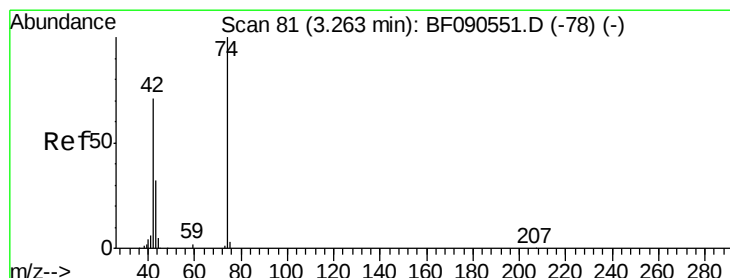
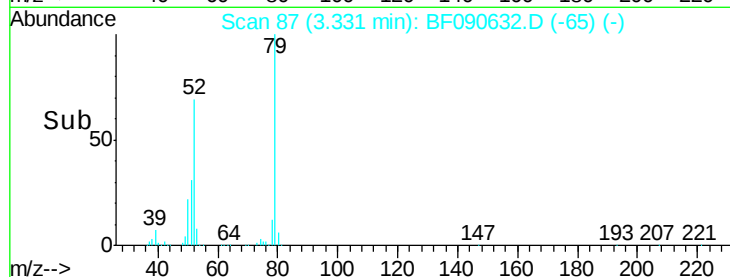
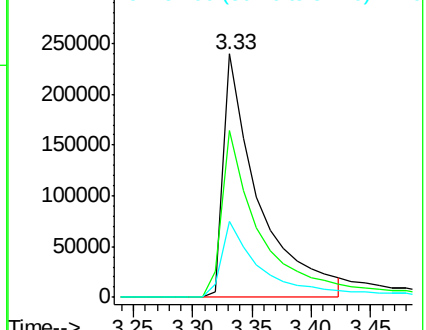
51 31.3 29.2 43.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.83 ng

RT: 3.27 min Scan# 82

Delta R.T. 0.05 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

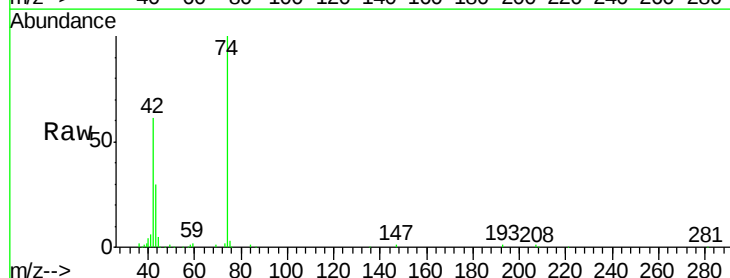
Tgt Ion: 42 Resp: 241864

Ion Ratio Lower Upper

42 100

74 163.3 113.3 169.9

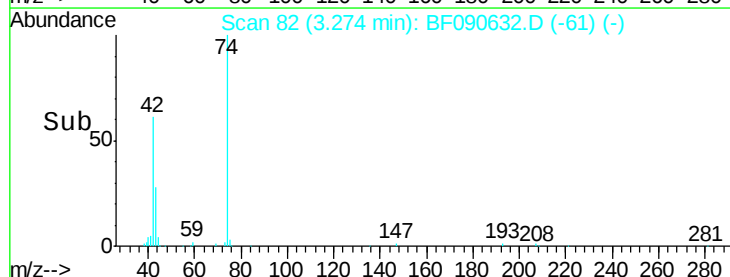
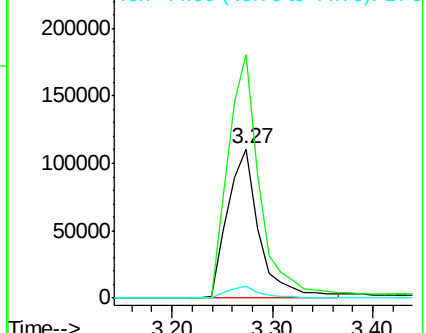
44 7.8 6.0 9.0

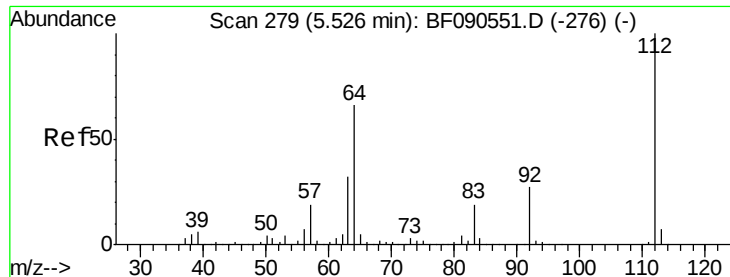


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.84 ng

RT: 5.51 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

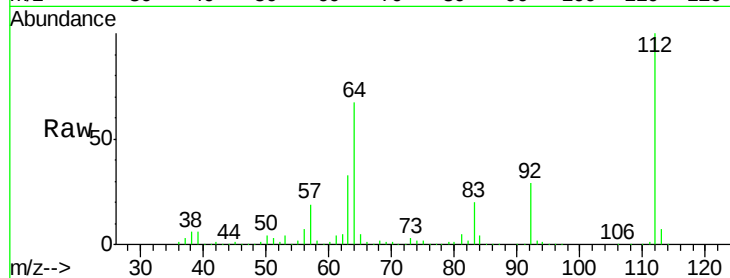
Tgt Ion: 112 Resp: 1461547

Ion Ratio Lower Upper

112 100

64 67.1 52.6 78.8

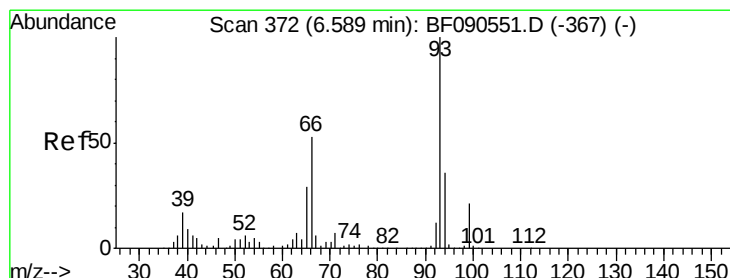
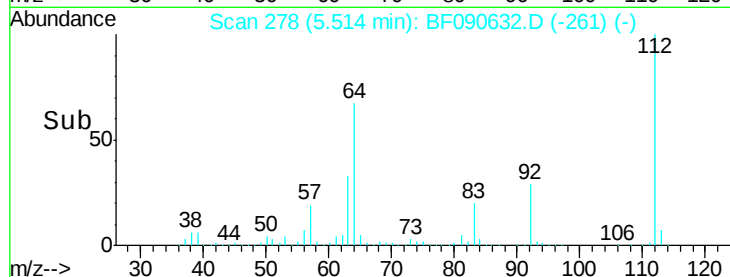
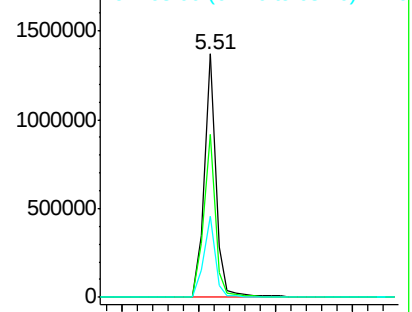
63 33.1 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.86 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.06 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

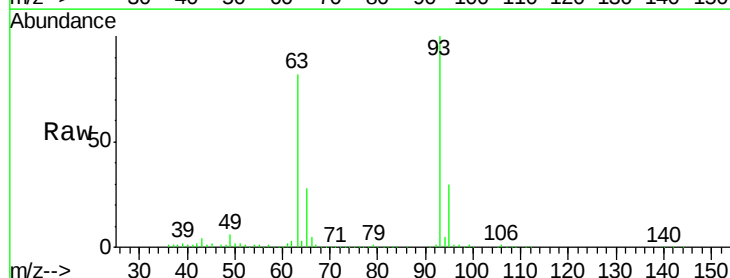
Tgt Ion: 93 Resp: 1016266

Ion Ratio Lower Upper

93 100

66 5.0 42.2 63.2#

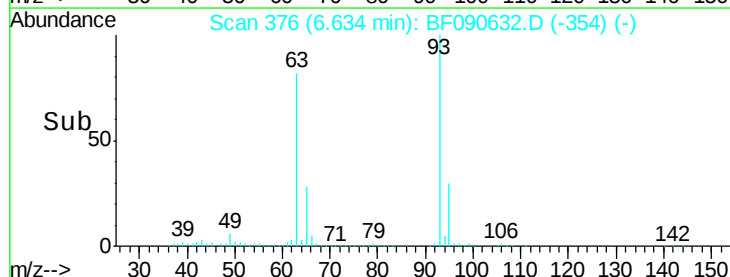
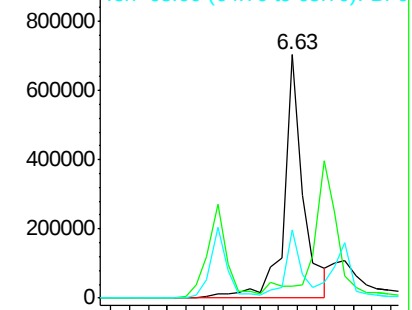
65 27.9 22.9 34.3

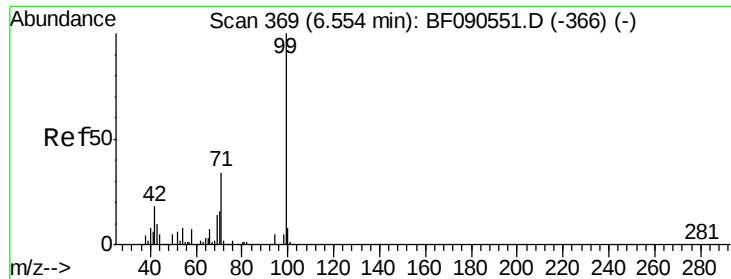


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.86 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

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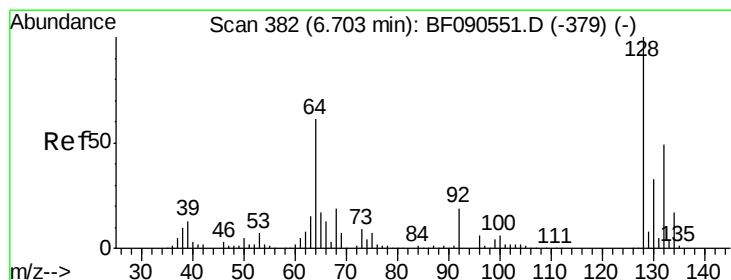
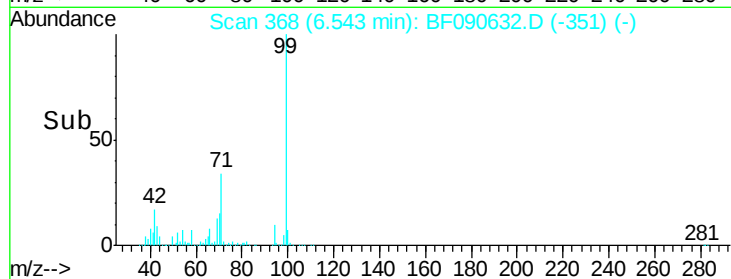
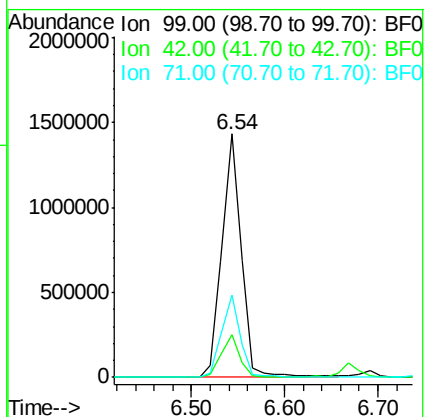
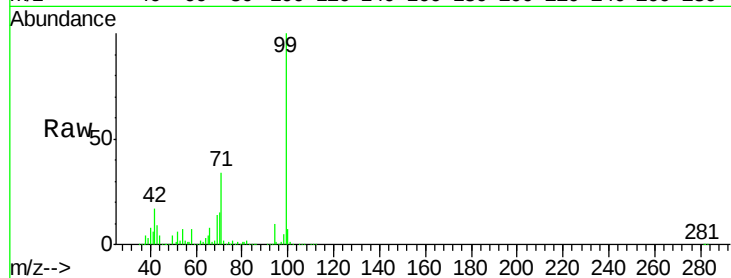
Tgt Ion: 99 Resp: 2078291

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

71 33.8 27.6 41.4



#8

2-Chlorophenol

Concen: 43.38 ng

RT: 6.69 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

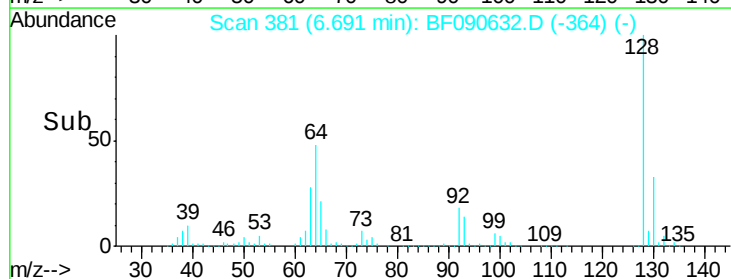
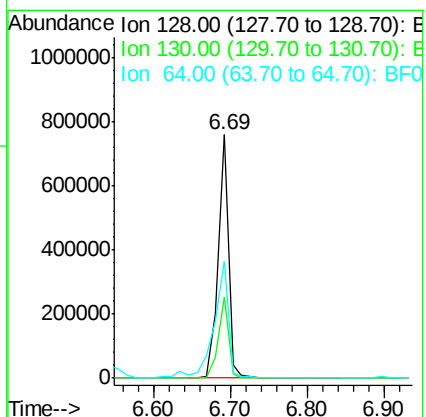
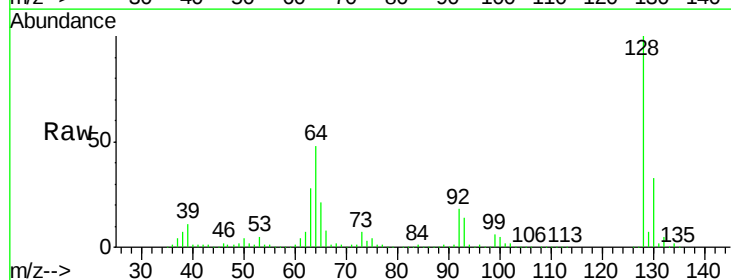
Tgt Ion: 128 Resp: 709703

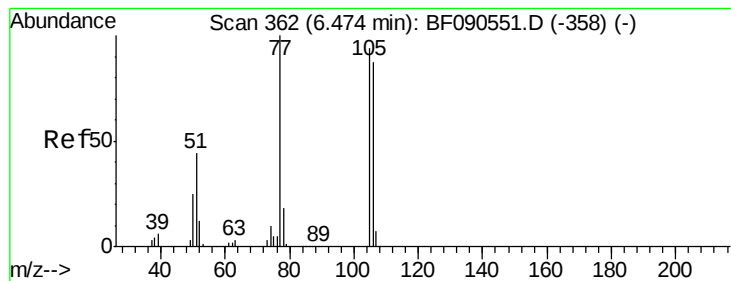
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 48.0 42.6 82.6





#9

Benzaldehyde

Concen: 14.10 ng

RT: 6.44 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

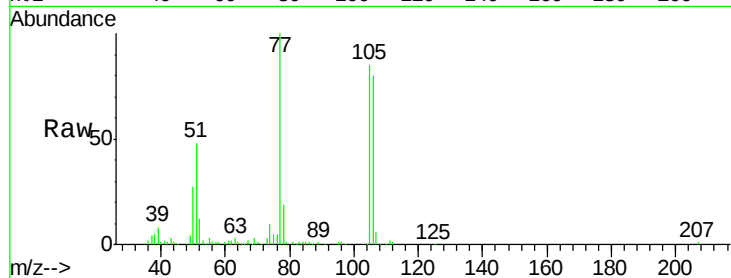
Tgt Ion: 77 Resp: 167986

Ion Ratio Lower Upper

77 100

105 84.6 74.3 114.3

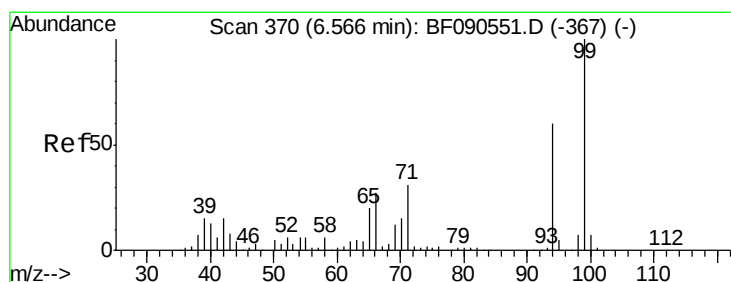
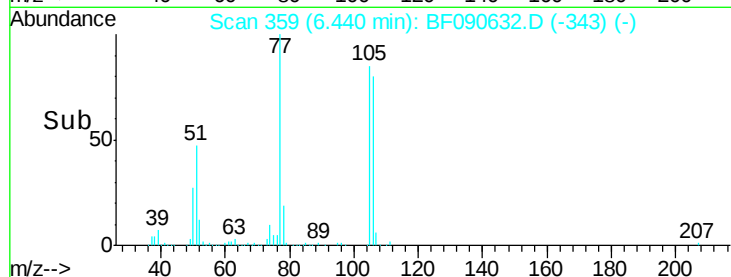
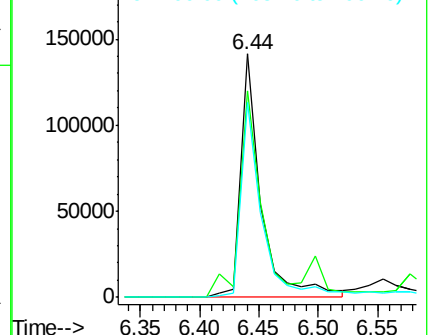
106 79.9 67.2 107.2



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: 36.94 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

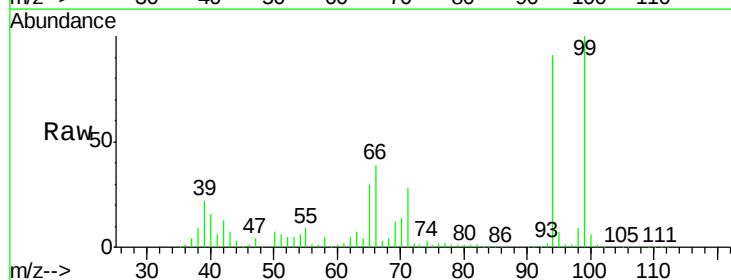
Tgt Ion: 94 Resp: 791982

Ion Ratio Lower Upper

94 100

65 32.5 12.5 52.5

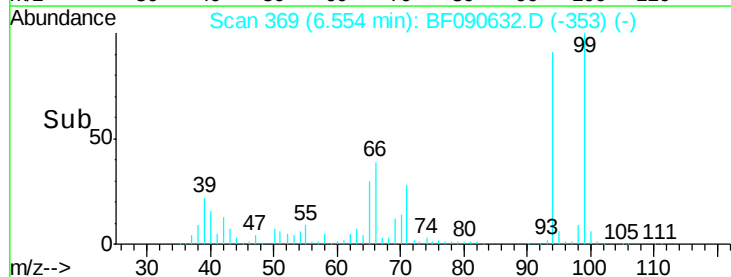
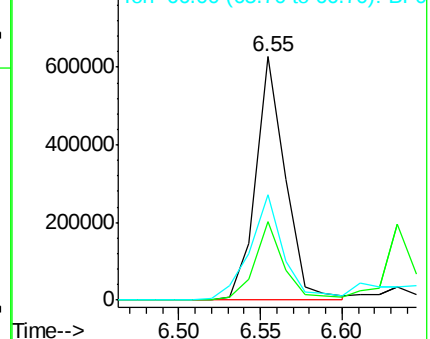
66 43.2 25.5 65.5

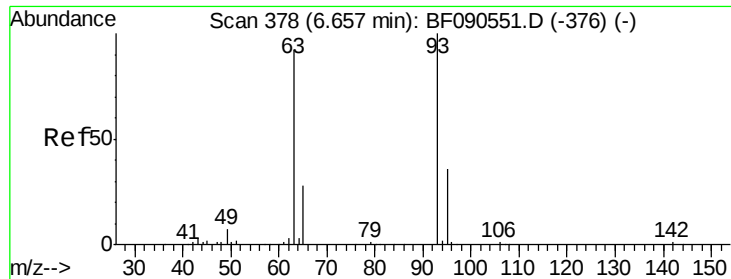


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



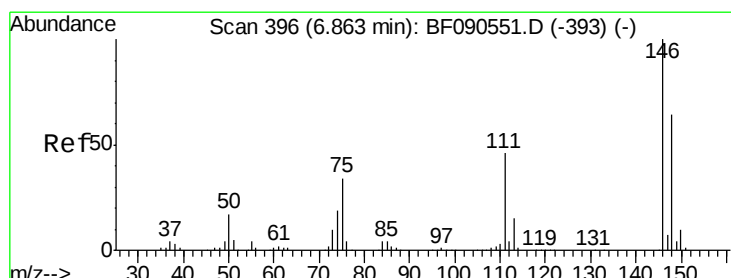
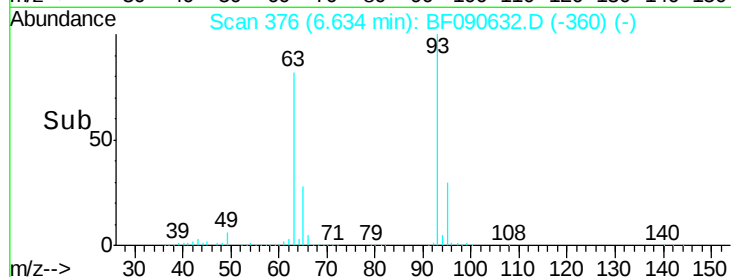
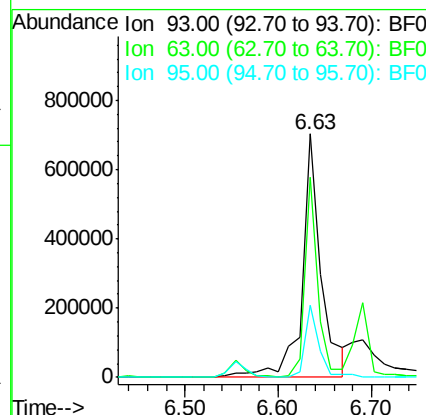
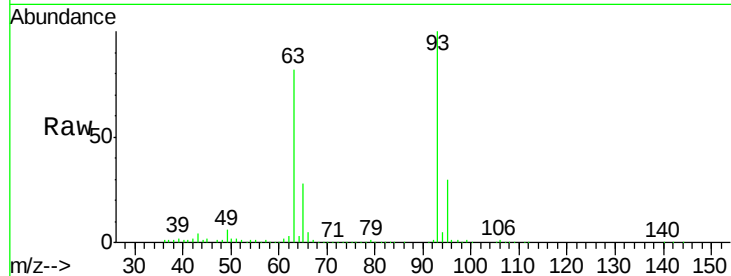


#11
 bis(2-Chloroethyl)ether
 Concen: 57.45 ng
 RT: 6.63 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

Tgt Ion: 93 Resp: 1016266

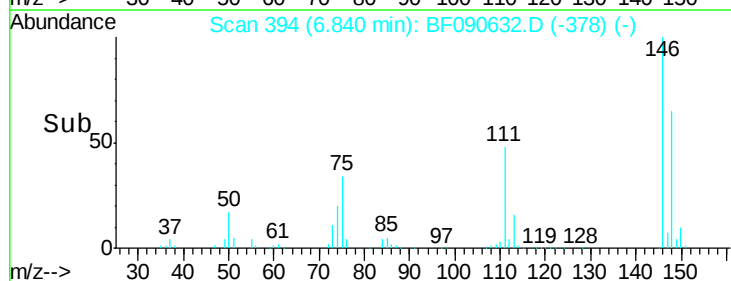
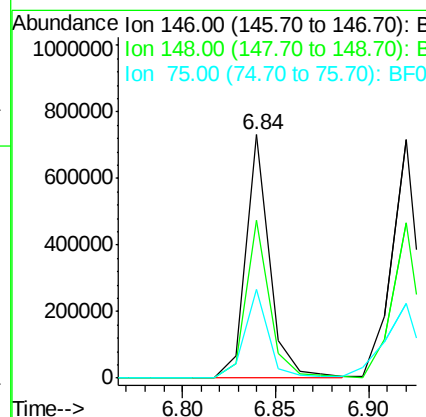
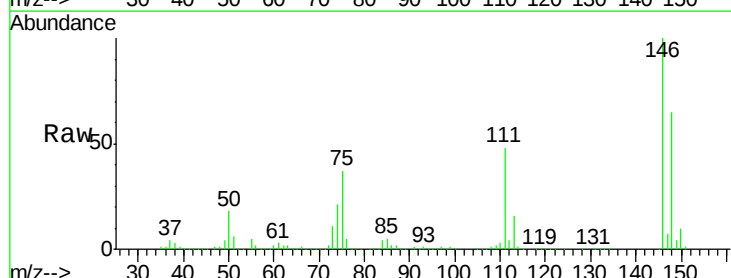
Ion	Ratio	Lower	Upper
93	100		
63	82.1	61.6	101.6
95	29.7	11.8	51.8

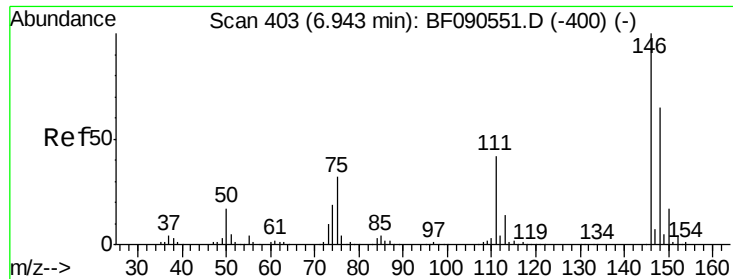


#12
 1,3-Dichlorobenzene
 Concen: 39.96 ng
 RT: 6.84 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion: 146 Resp: 651915

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	36.6	27.0	40.6

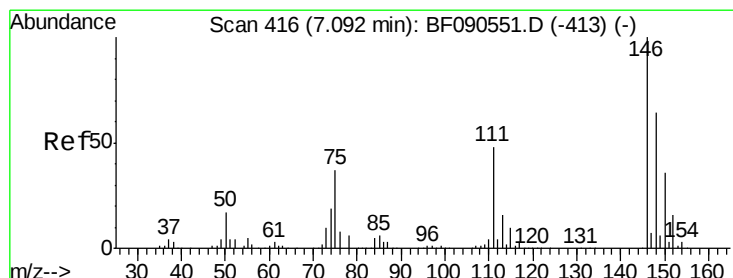
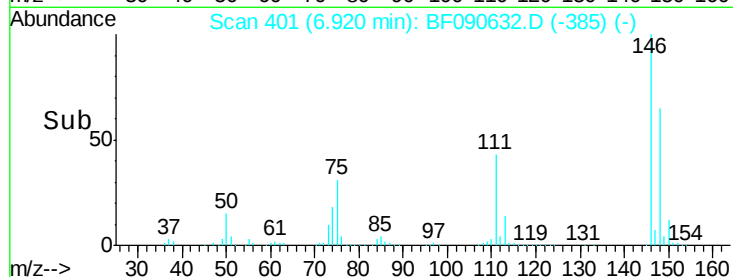
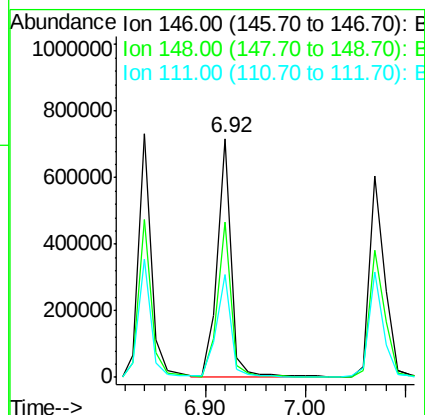
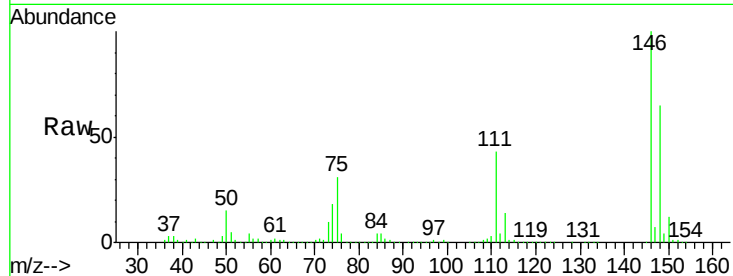




#13
 1,4-Dichlorobenzene
 Concen: 38.99 ng
 RT: 6.92 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

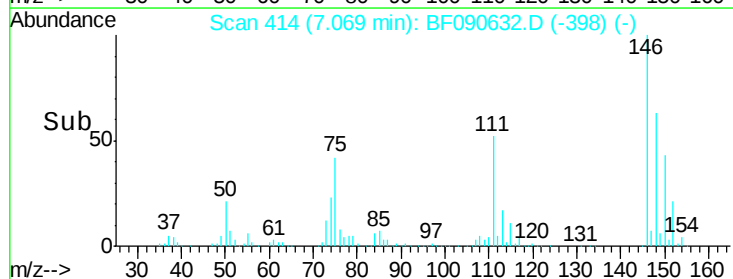
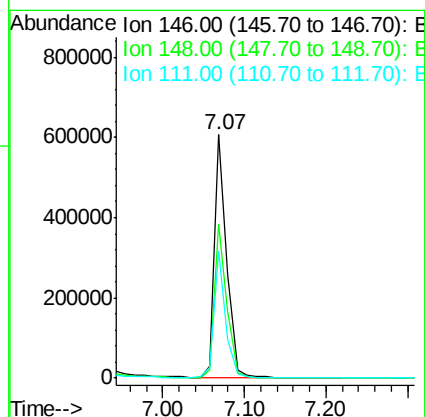
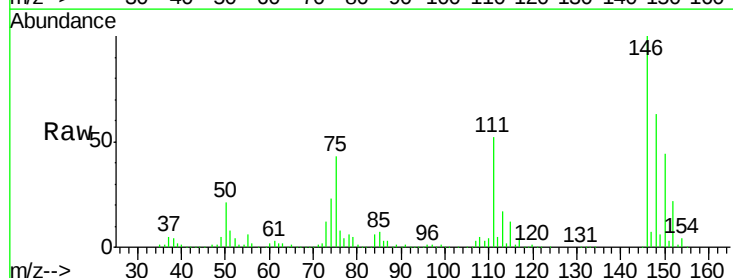
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

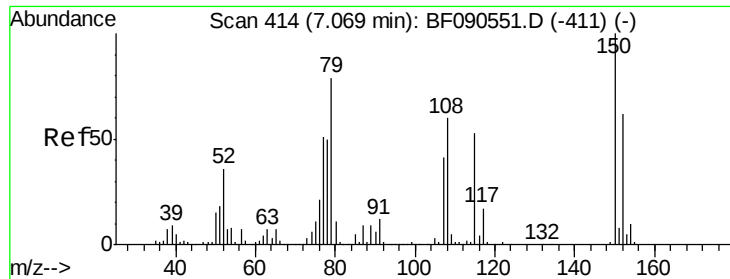
Tgt Ion:146 Resp: 691935
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 43.0 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 38.24 ng
 RT: 7.07 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:146 Resp: 634393
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.2 76.8
 111 52.3 38.2 57.2





#15

Benzyl Alcohol

Concen: 45.69 ng

RT: 7.05 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

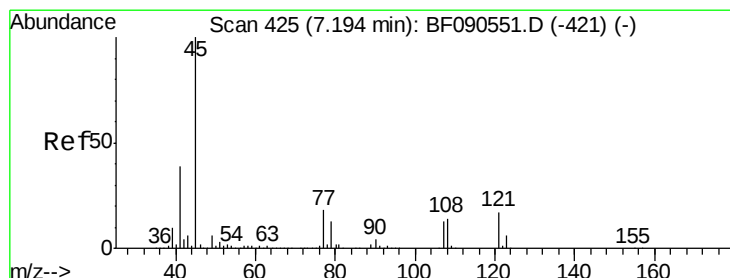
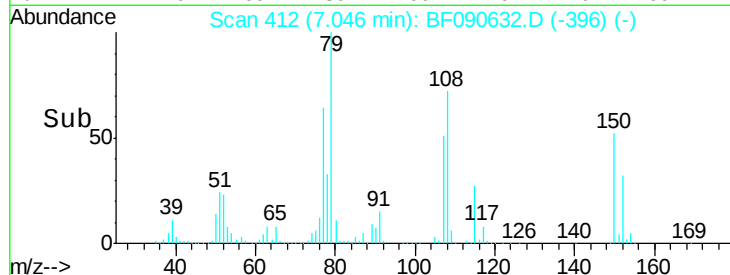
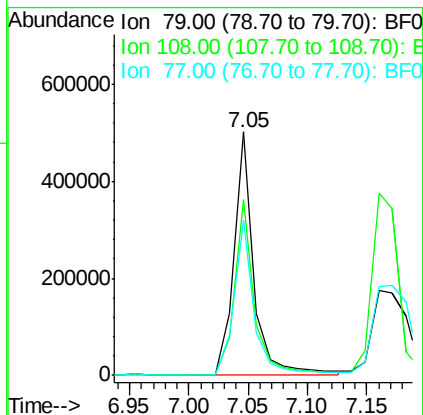
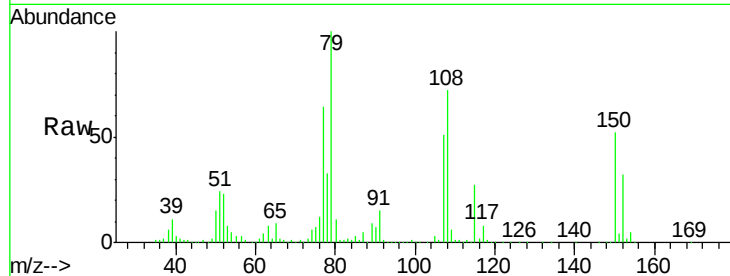
Tgt Ion: 79 Resp: 583469

Ion Ratio Lower Upper

79 100

108 72.4 60.2 90.4

77 64.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.91 ng

RT: 7.18 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

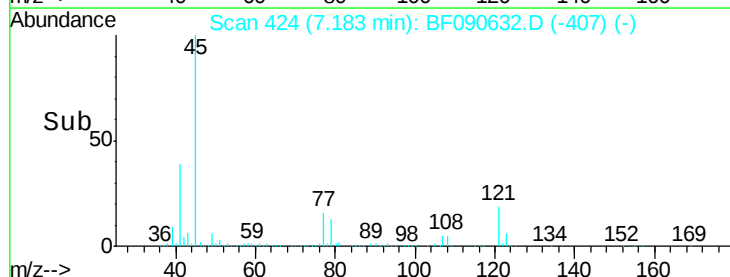
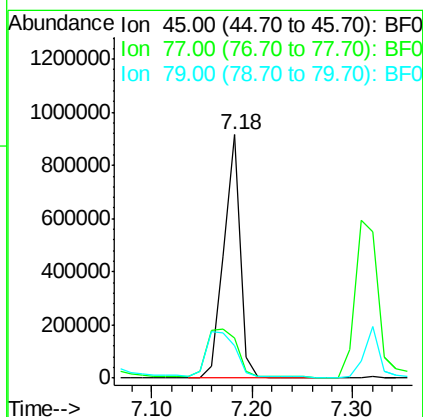
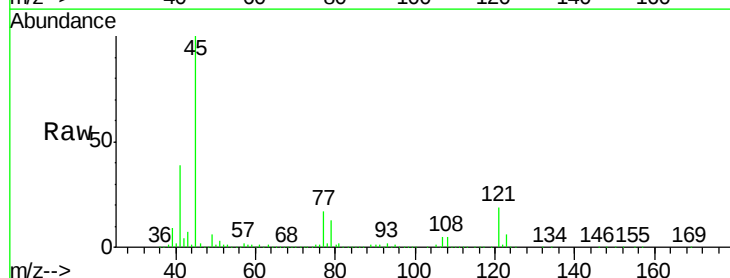
Tgt Ion: 45 Resp: 1043274

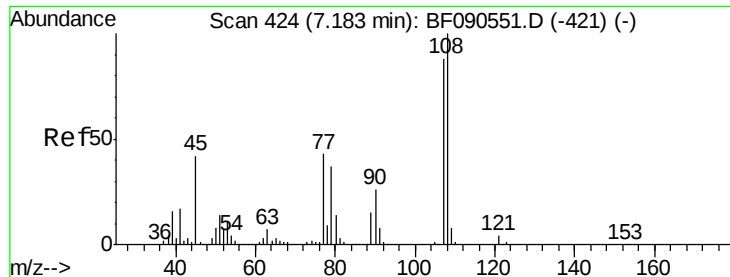
Ion Ratio Lower Upper

45 100

77 16.5 0.9 40.9

79 13.5 0.0 37.3

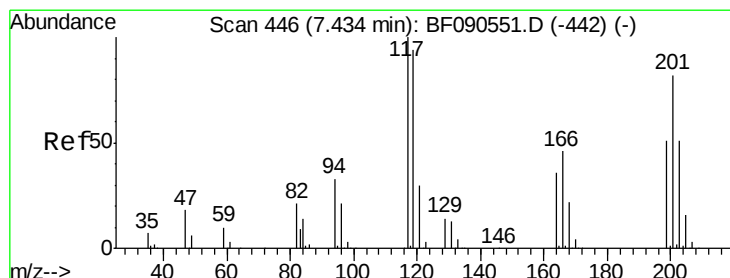
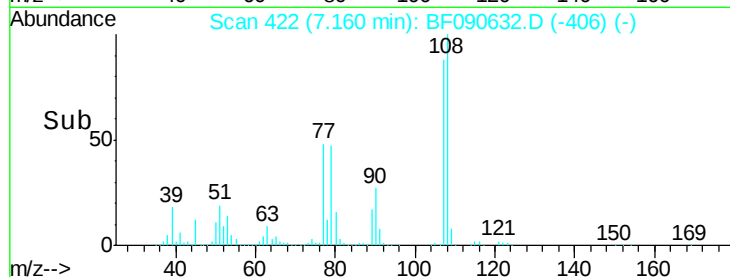
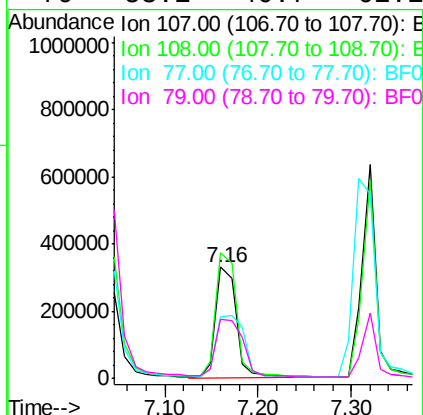
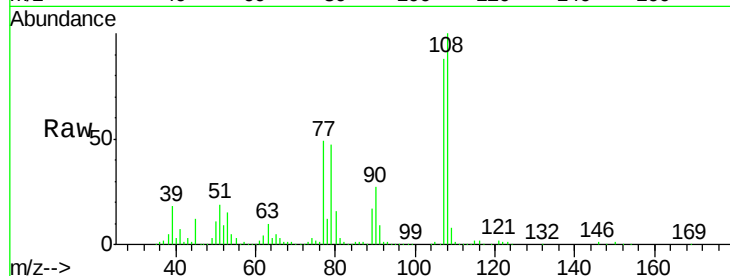




#17
 2-Methylphenol
 Concen: 40.53 ng
 RT: 7.16 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

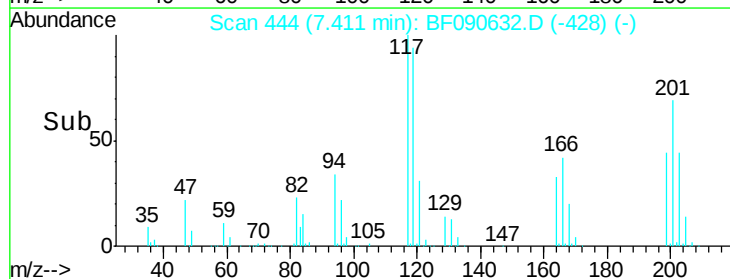
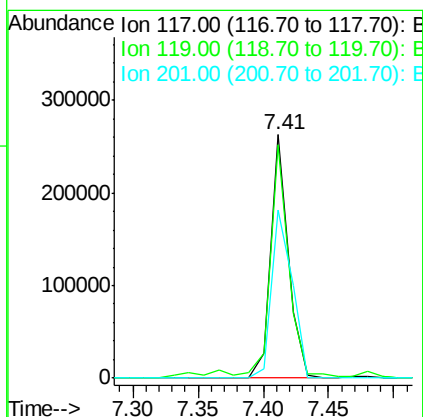
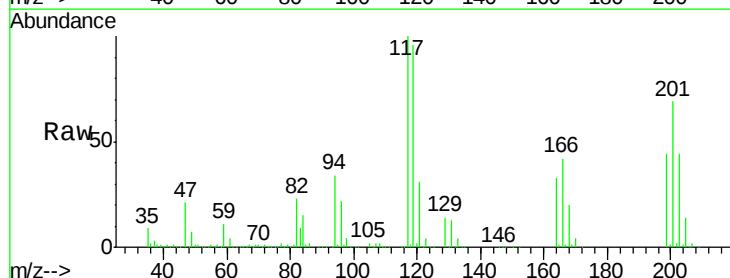
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

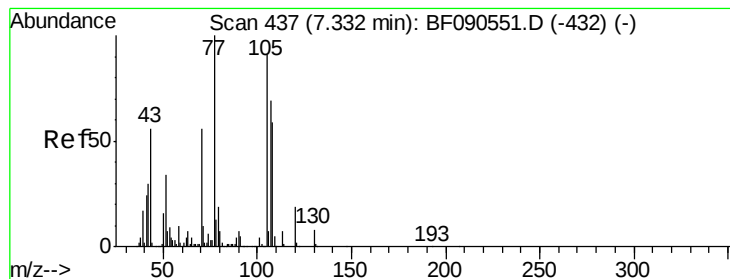
Tgt Ion:	107	Resp:	516673
Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.6	138.8
77	55.0	42.2	63.2
79	53.1	40.7	61.1



#18
 Hexachloroethane
 Concen: 35.86 ng
 RT: 7.41 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:	117	Resp:	251482
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.6	113.4
201	69.0	65.4	98.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.55 ng

RT: 7.32 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

Tgt Ion: 70 Resp: 521255

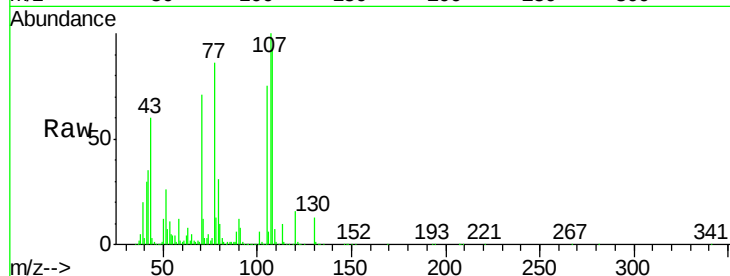
Ion Ratio Lower Upper

70 100

42 50.0 43.4 65.0

101 8.7 6.4 9.6

130 18.4 12.1 18.1#

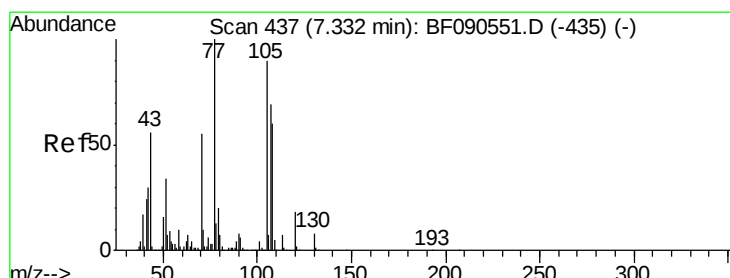
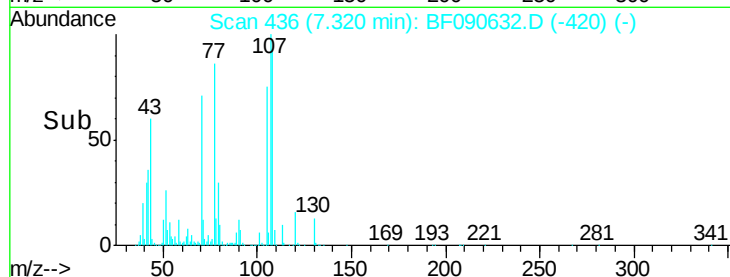
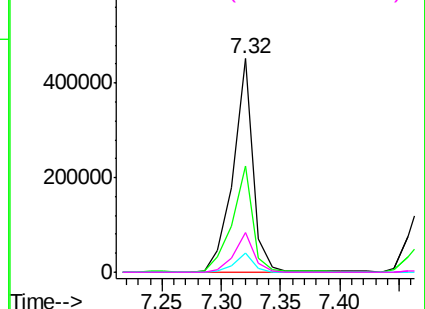


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.80 ng

RT: 7.32 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Tgt Ion: 107 Resp: 677025

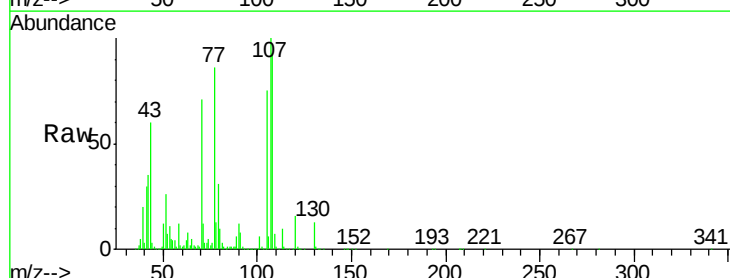
Ion Ratio Lower Upper

107 100

108 93.1 67.7 107.7

77 86.4 123.1 163.1#

79 30.6 9.6 49.6

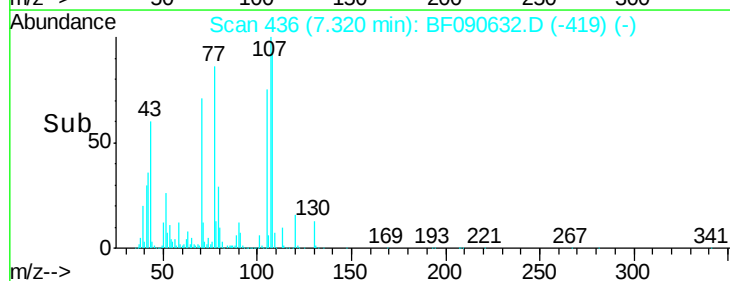
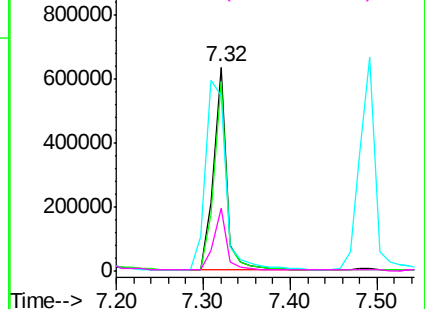


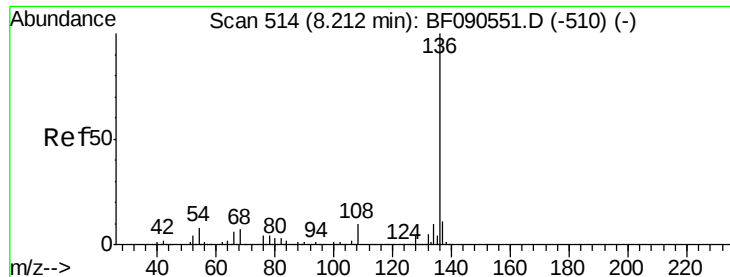
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

Tgt Ion:136 Resp: 1040334

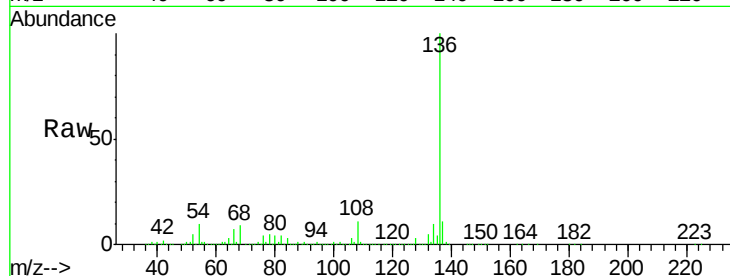
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.9 6.8 10.2

68 8.8 6.0 9.0

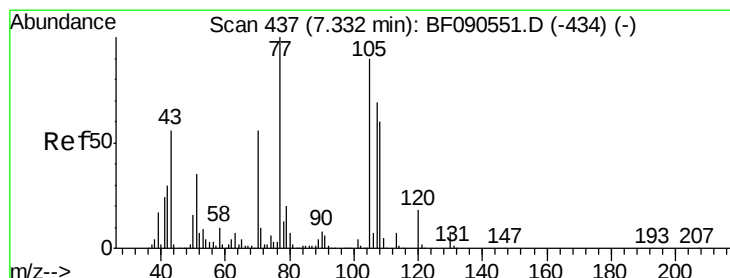
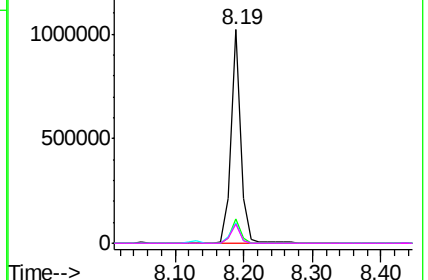
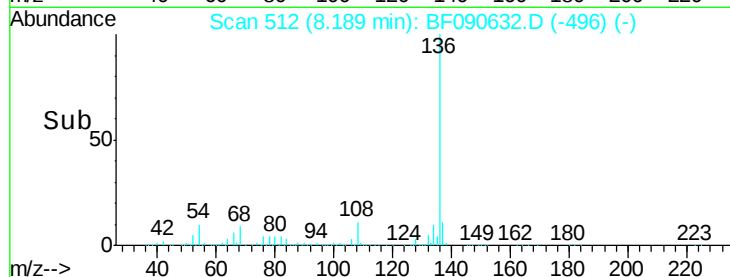


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.49 ng

RT: 7.31 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Tgt Ion:105 Resp: 953659

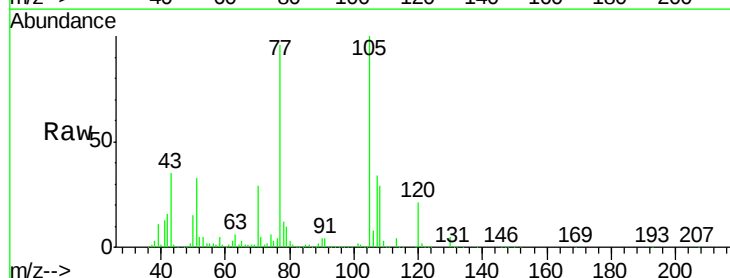
Ion Ratio Lower Upper

105 100

71 4.9 8.5 12.7#

51 33.3 31.0 46.4

120 20.6 16.2 24.4

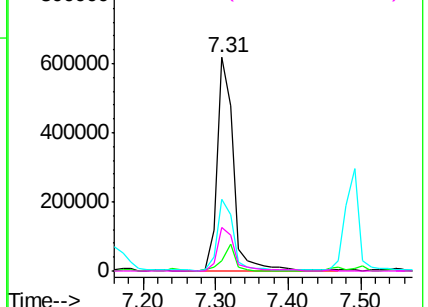
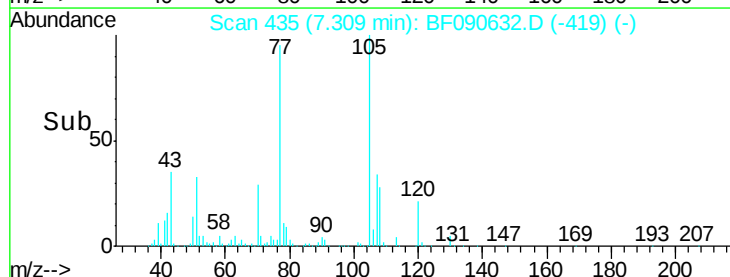


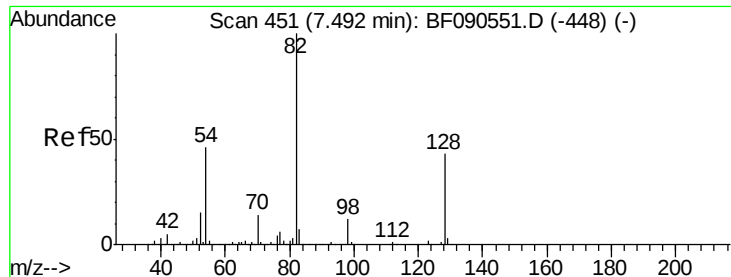
Abundance Ion 105.00 (104.70 to 105.70): E

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

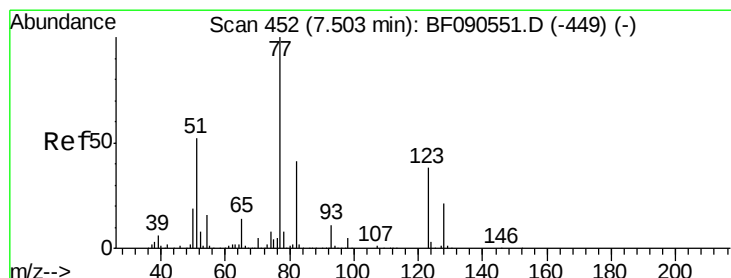
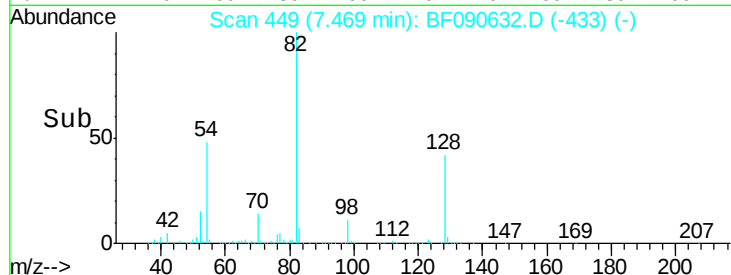
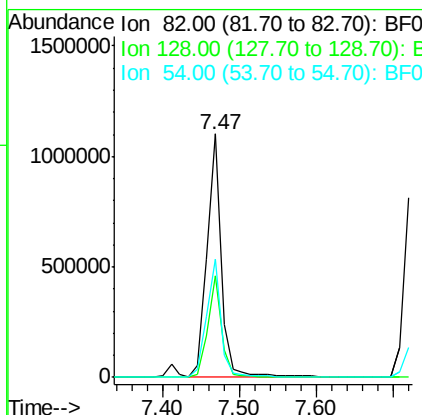
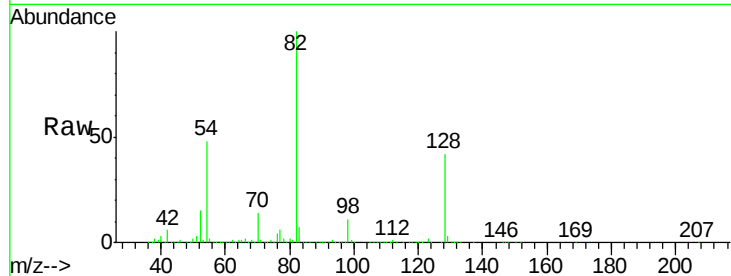




#23
 Nitrobenzene-d5
 Concen: 75.50 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

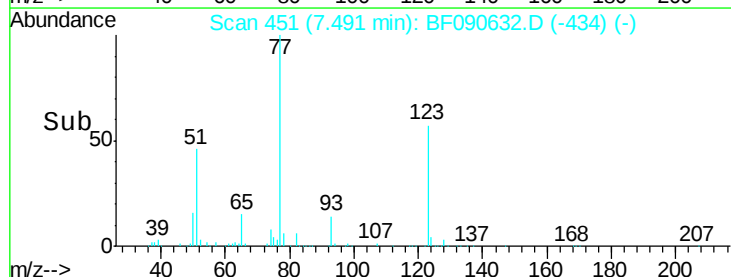
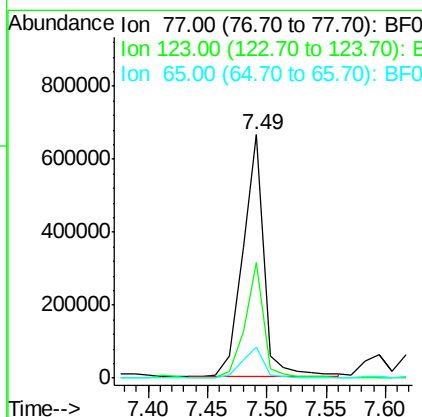
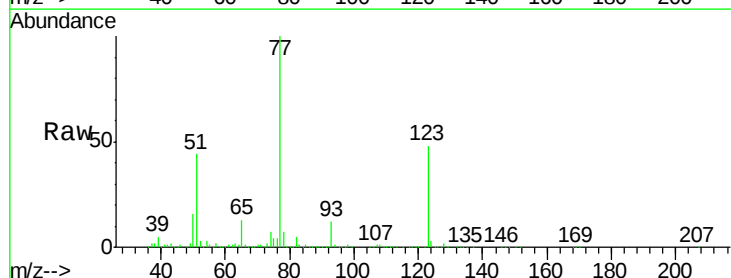
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

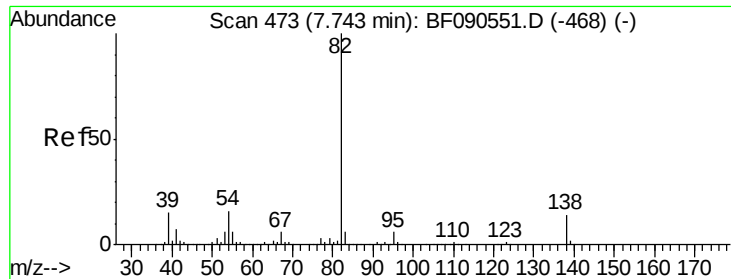
Tgt Ion: 82 Resp: 1414013
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.3 51.5
 54 48.4 37.0 55.6



#24
 Nitrobenzene
 Concen: 42.16 ng
 RT: 7.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion: 77 Resp: 810417
 Ion Ratio Lower Upper
 77 100
 123 47.7 29.8 44.6#
 65 13.0 10.9 16.3





#25

Isophorone

Concen: 42.36 ng

RT: 7.73 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

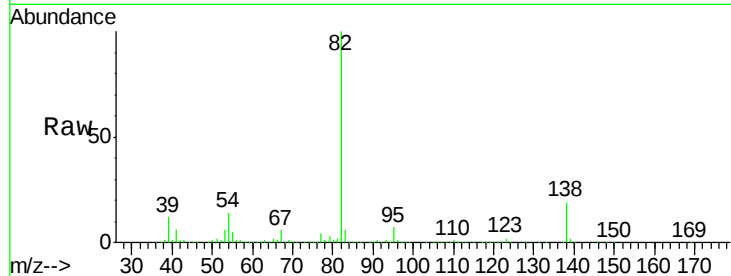
Tgt Ion: 82 Resp: 1443828

Ion Ratio Lower Upper

82 100

95 6.9 5.0 7.6

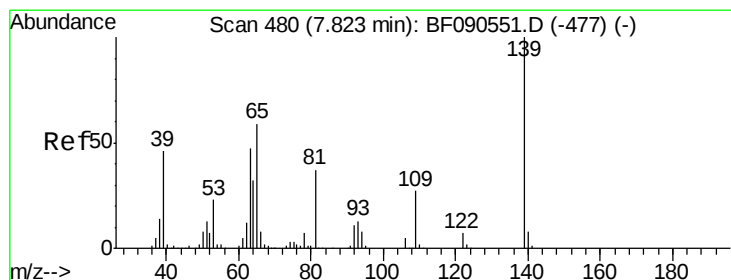
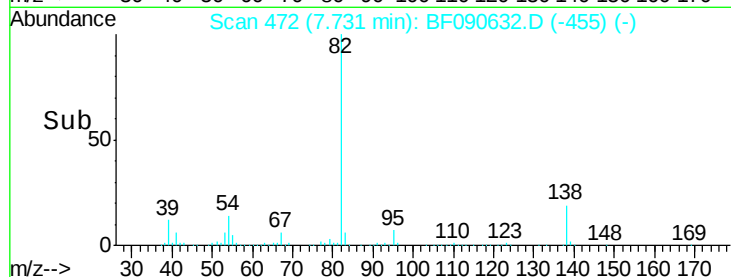
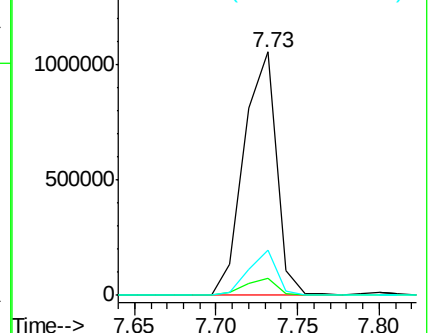
138 18.5 11.5 17.3#



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: 33.66 ng

RT: 7.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

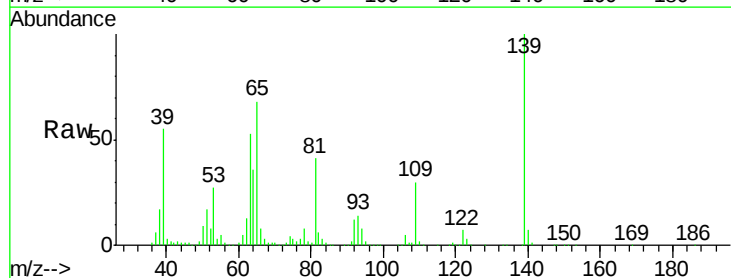
Tgt Ion: 139 Resp: 293503

Ion Ratio Lower Upper

139 100

109 29.6 21.8 32.6

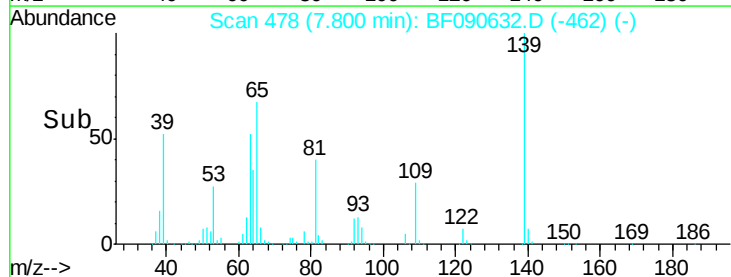
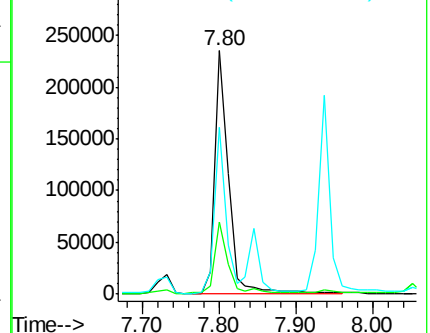
65 68.4 47.7 71.5

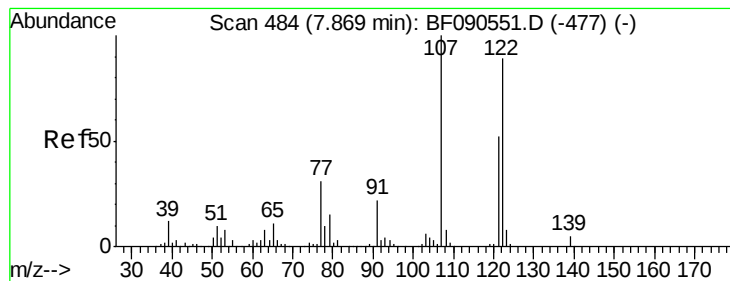


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.51 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

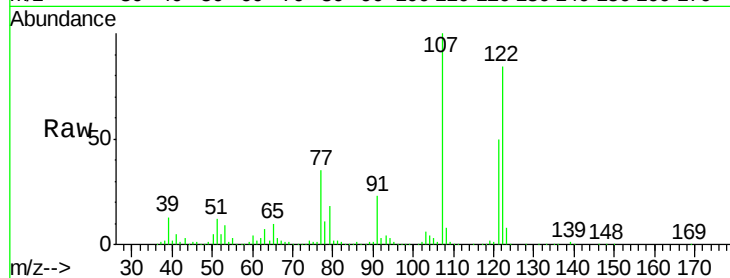
Tgt Ion:122 Resp: 528223

Ion Ratio Lower Upper

122 100

107 119.7 89.8 134.6

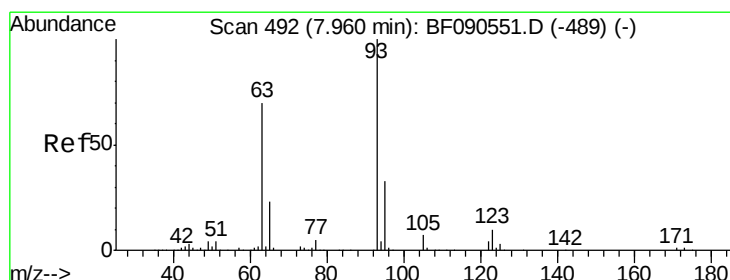
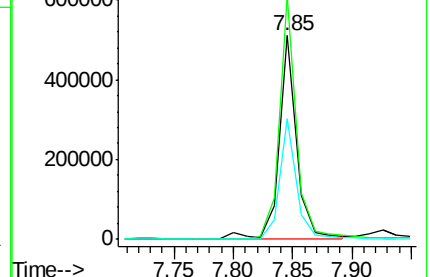
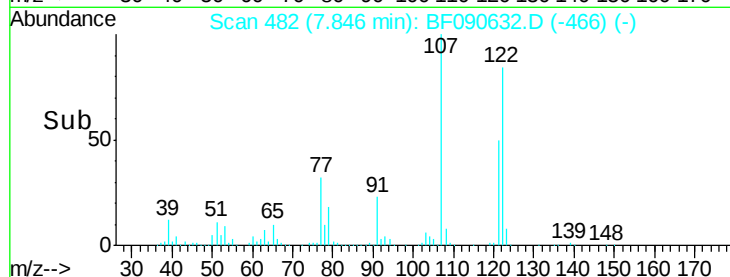
121 59.4 46.1 69.1



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: 42.28 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

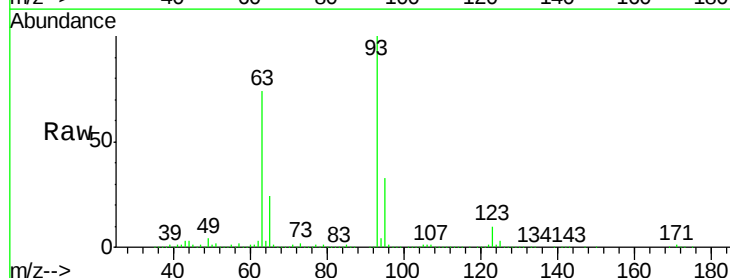
Tgt Ion: 93 Resp: 850998

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

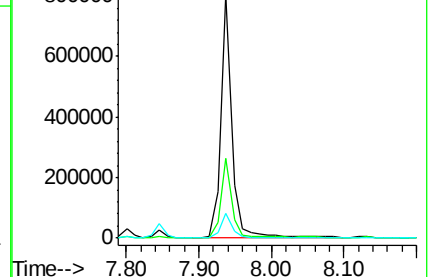
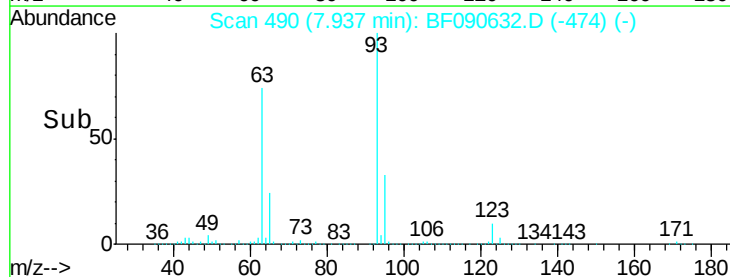
123 10.1 8.6 13.0

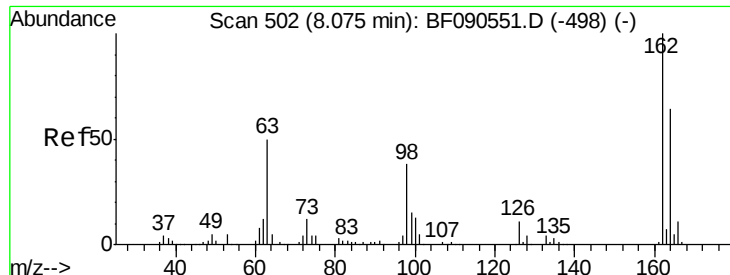


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

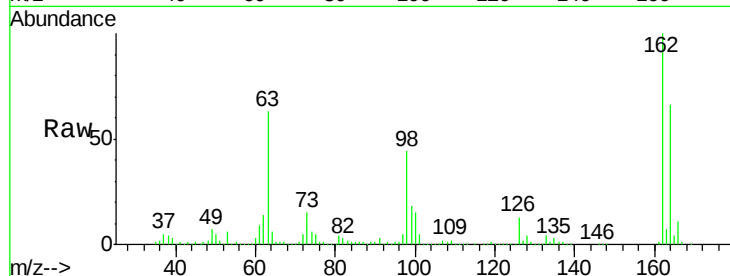




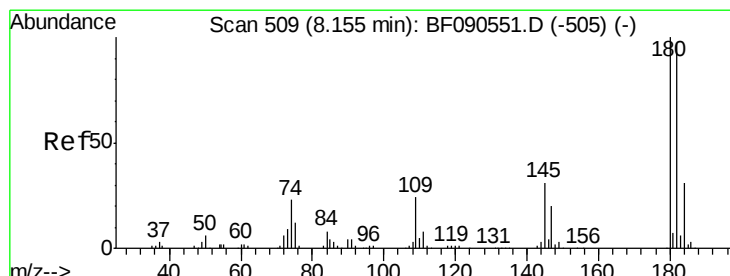
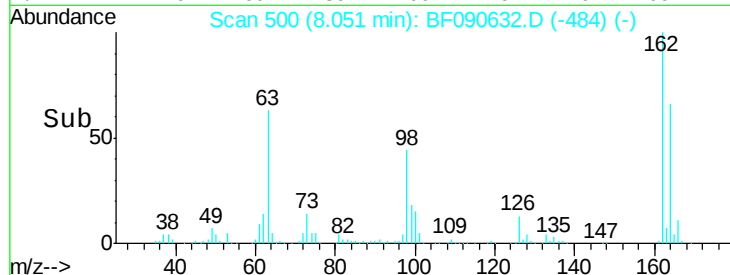
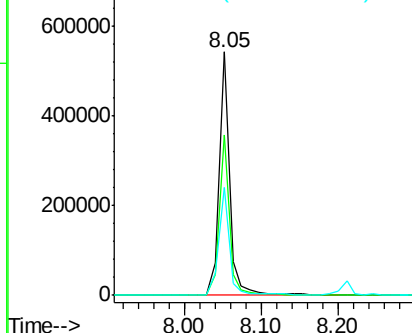
#29
2,4-Dichlorophenol
Concen: 41.03 ng
RT: 8.05 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-3-2MS

Tgt Ion:162 Resp: 519973
Ion Ratio Lower Upper
162 100
164 65.6 44.0 84.0
98 44.4 18.0 58.0

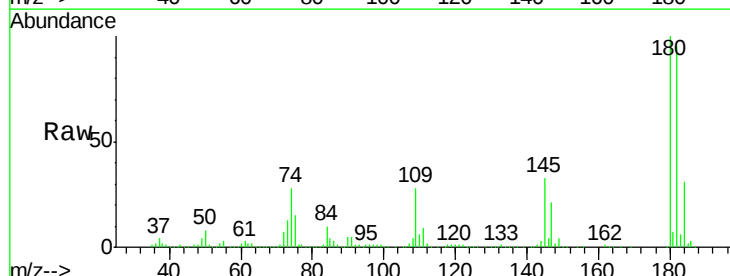


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

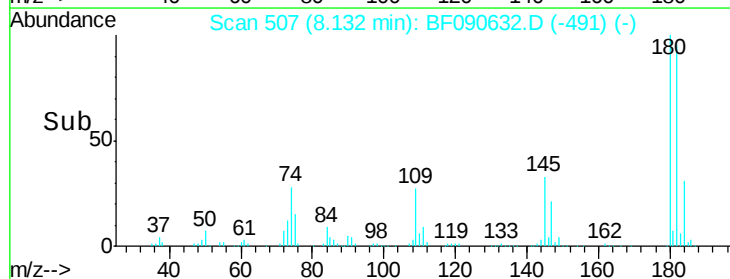
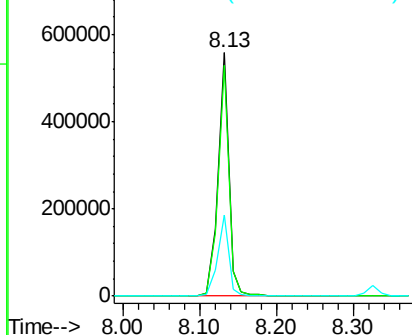


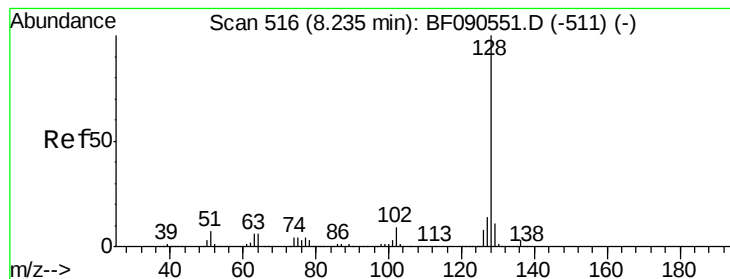
#30
1,2,4-Trichlorobenzene
Concen: 37.16 ng
RT: 8.13 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Tgt Ion:180 Resp: 551585
Ion Ratio Lower Upper
180 100
182 95.0 77.2 115.8
145 33.4 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: 36.87 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

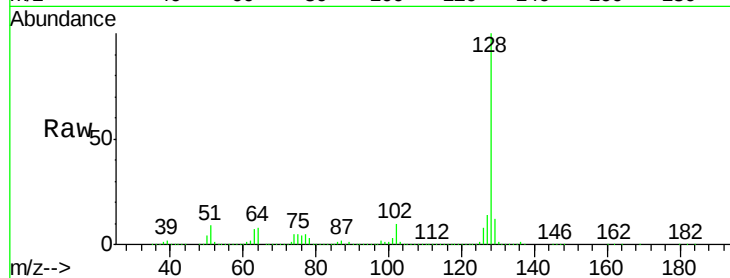
Tgt Ion:128 Resp: 1953912

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

127 14.1 10.8 16.2



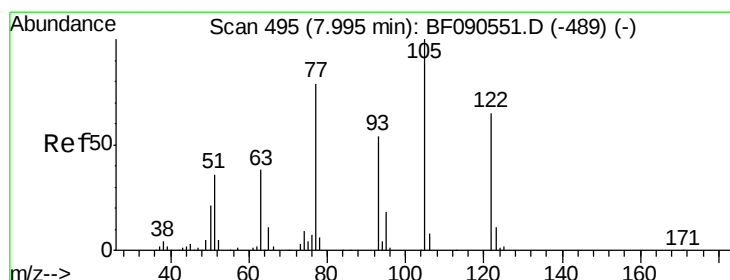
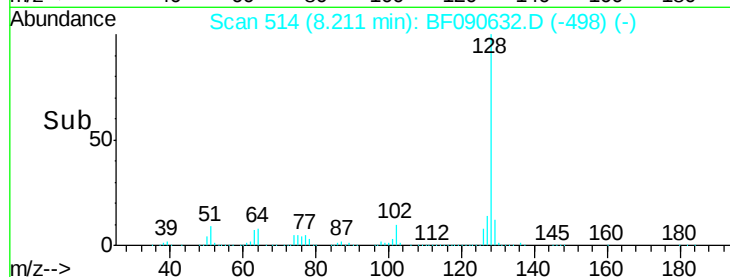
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

8.21

Time-->



#32

Benzoic acid

Concen: 5.79 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.08 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

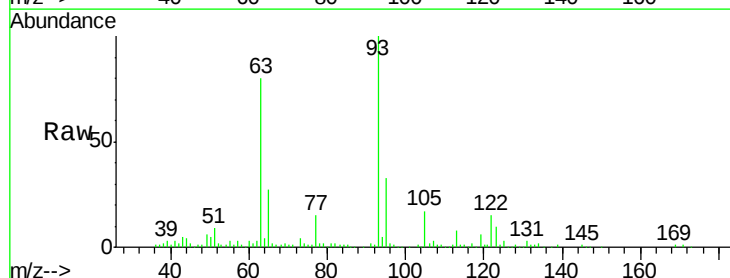
Tgt Ion:122 Resp: 51499

Ion Ratio Lower Upper

122 100

105 112.9 101.1 141.1

77 101.6 84.7 124.7



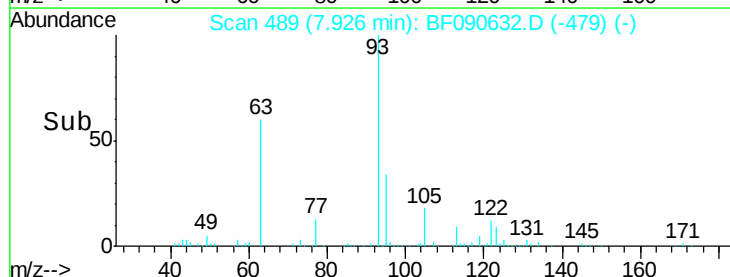
Abundance Ion 122.00 (121.70 to 122.70): E

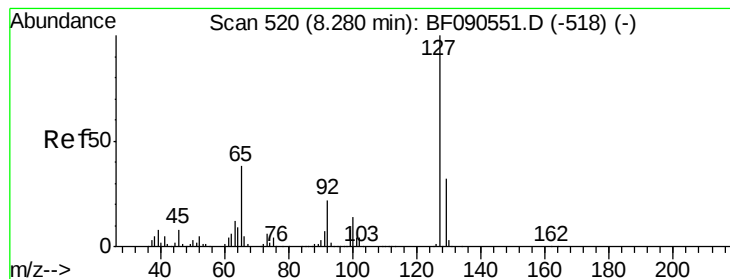
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

7.93

Time-->





#33

4-Chloroaniline

Concen: 17.18 ng

RT: 8.29 min Scan# 521

Delta R.T. 0.02 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

Tgt Ion:127 Resp: 348053

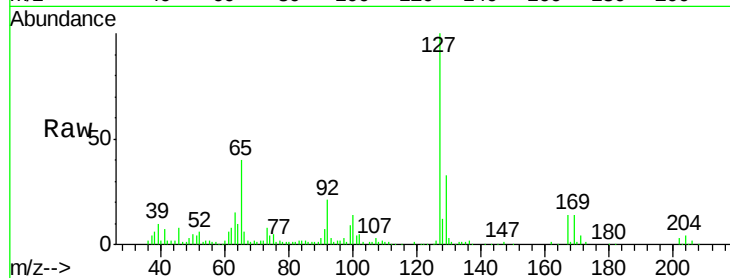
Ion Ratio Lower Upper

127 100

129 33.4 26.2 39.2

65 40.4 30.1 45.1

92 21.1 17.2 25.8

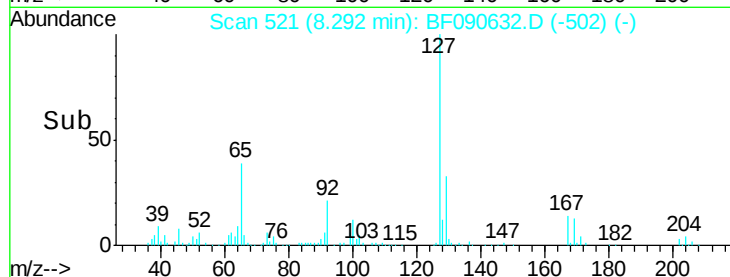


Abundance Ion 127.00 (126.70 to 127.70): E

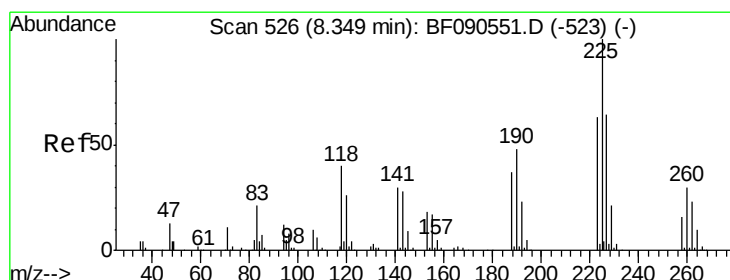
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 32.20 ng

RT: 8.33 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

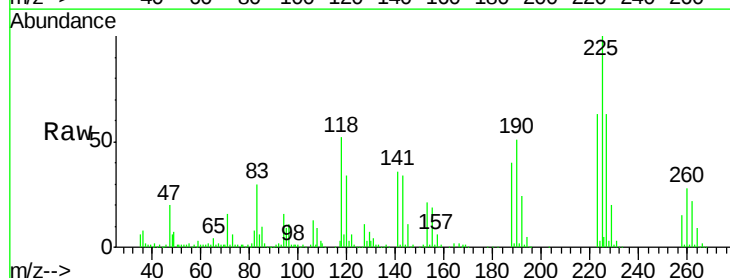
Tgt Ion:225 Resp: 267064

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

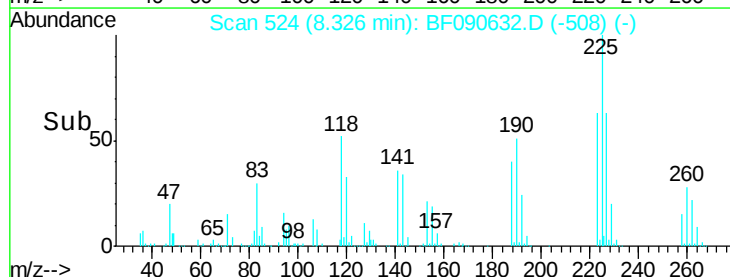
227 62.9 51.4 77.2



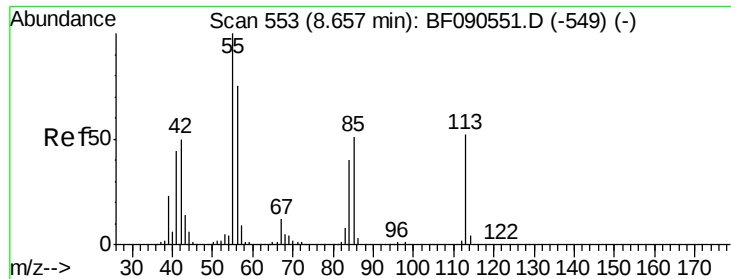
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



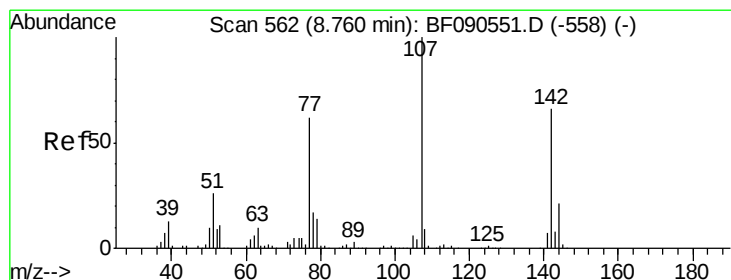
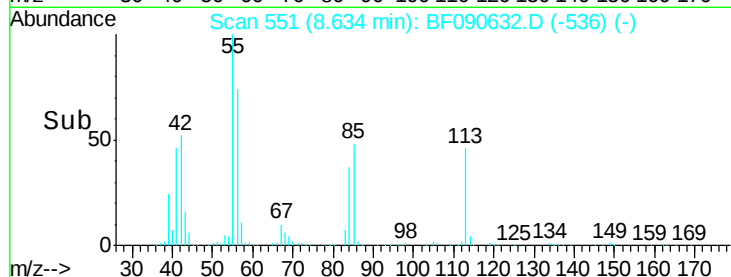
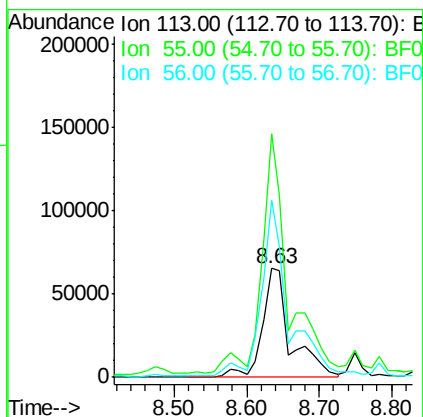
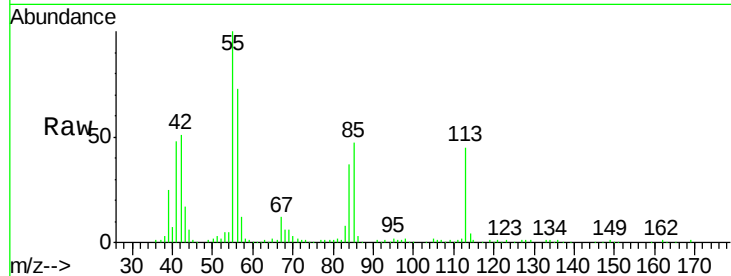
Time-->



#35
 Caprolactam
 Concen: 51.00 ng
 RT: 8.63 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

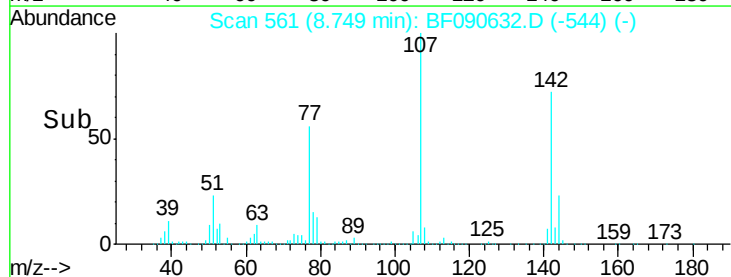
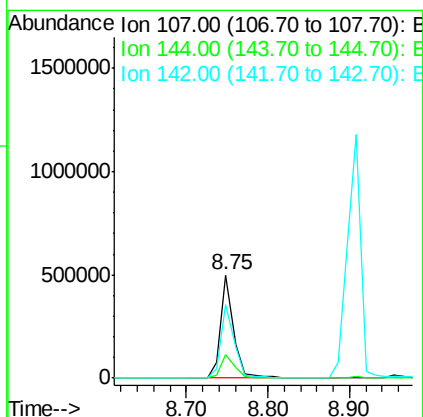
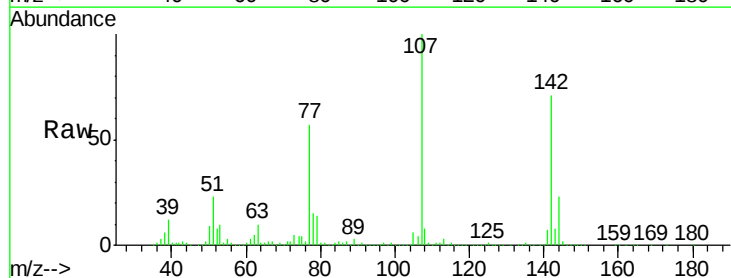
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

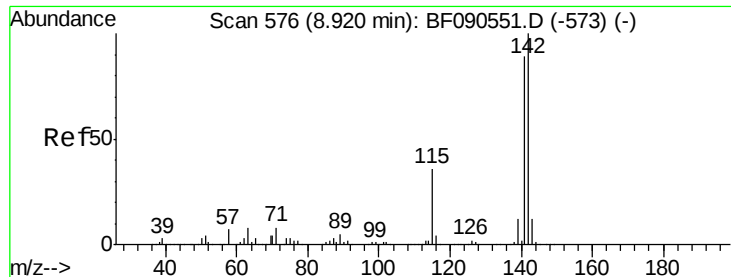
Tgt Ion:113 Resp: 180405
 Ion Ratio Lower Upper
 113 100
 55 223.3 170.8 210.8#
 56 162.2 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.52 ng
 RT: 8.75 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:107 Resp: 548716
 Ion Ratio Lower Upper
 107 100
 144 23.2 16.9 25.3
 142 71.3 52.5 78.7

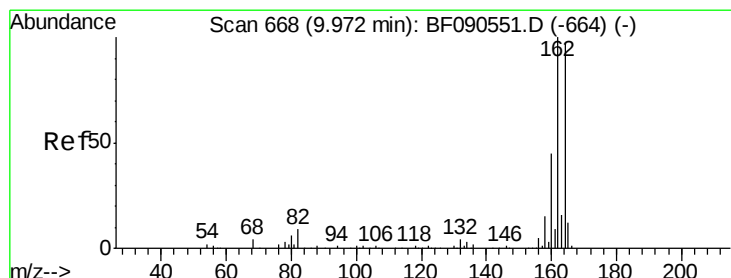
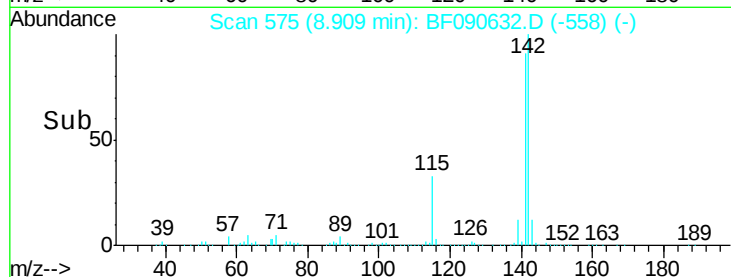
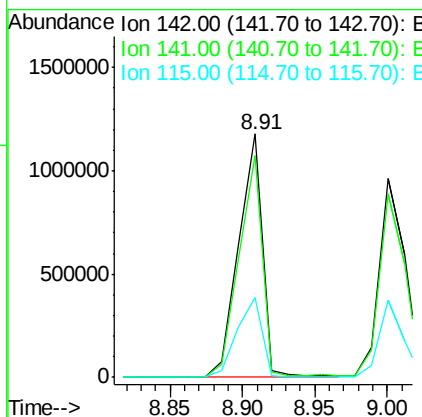
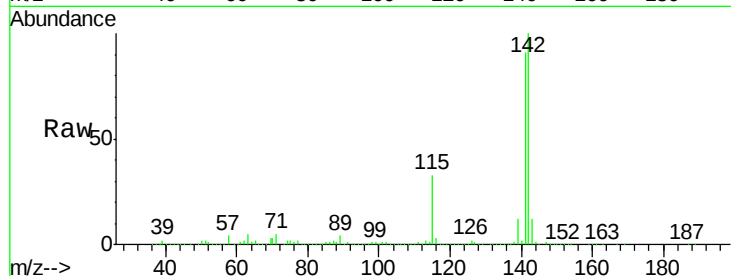




#37
 2-Methylnaphthalene
 Concen: 42.93 ng
 RT: 8.91 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

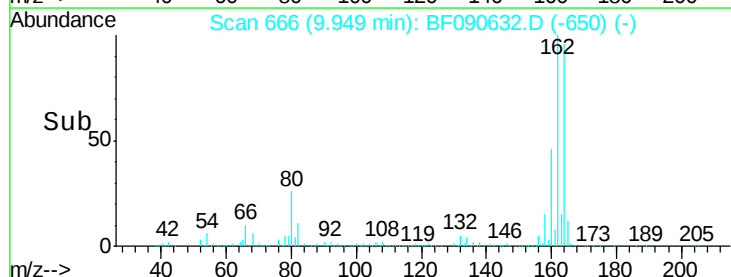
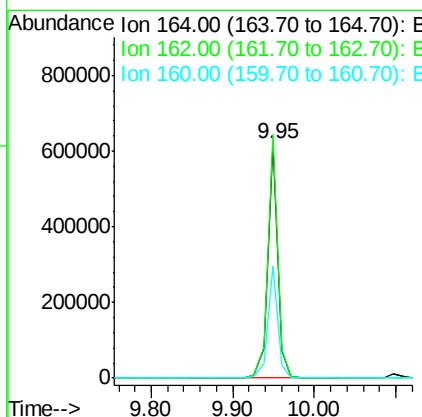
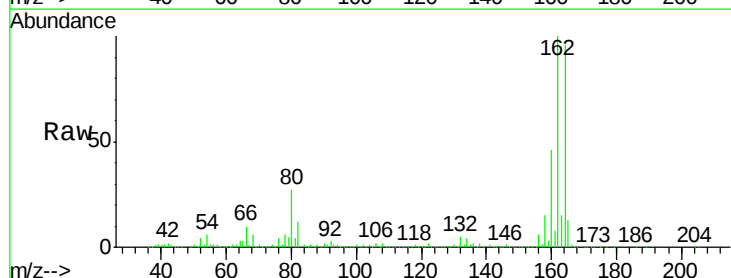
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

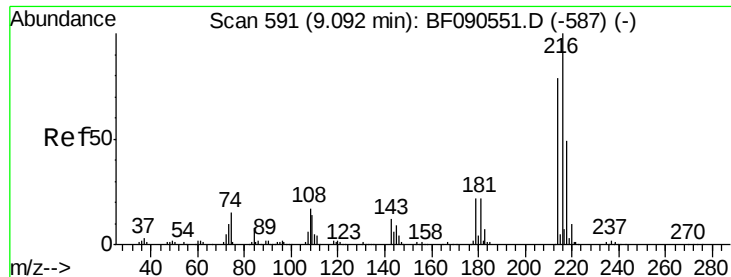
Tgt Ion:142 Resp: 1336308
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.3 106.9
 115 32.7 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:164 Resp: 539734
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.2 123.4
 160 47.6 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.66 ng

RT: 9.07 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

Tgt Ion:216 Resp: 467371

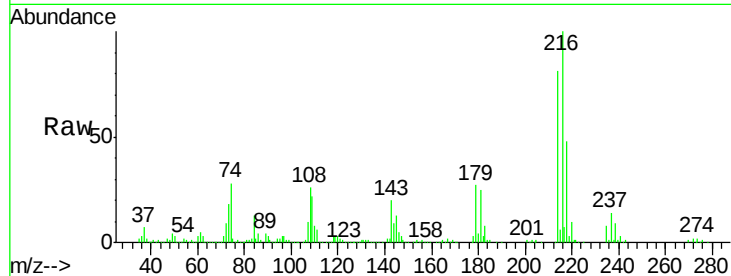
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 24.0 18.9 28.3

108 24.2 17.8 26.6

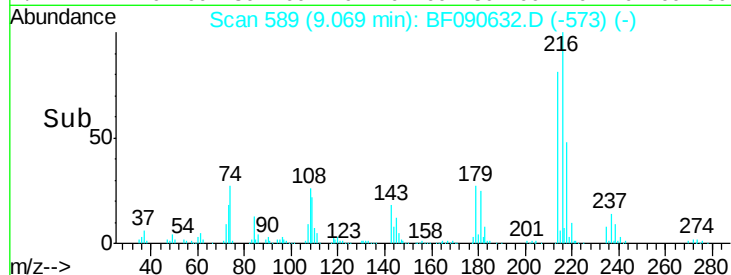


Abundance Ion 216.00 (215.70 to 216.70): E

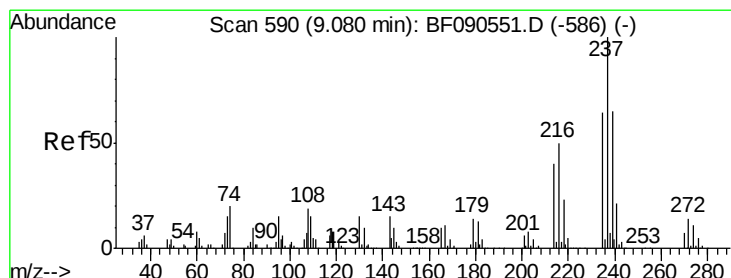
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 41.58 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

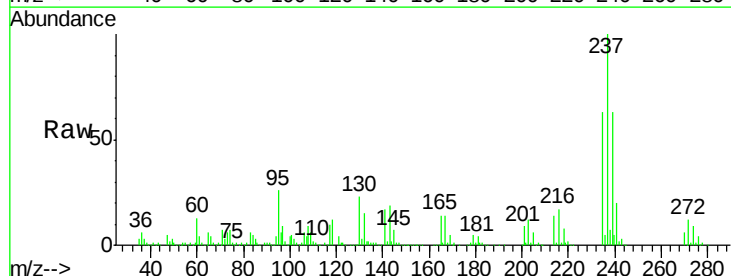
Tgt Ion:237 Resp: 290651

Ion Ratio Lower Upper

237 100

235 63.4 43.8 83.8

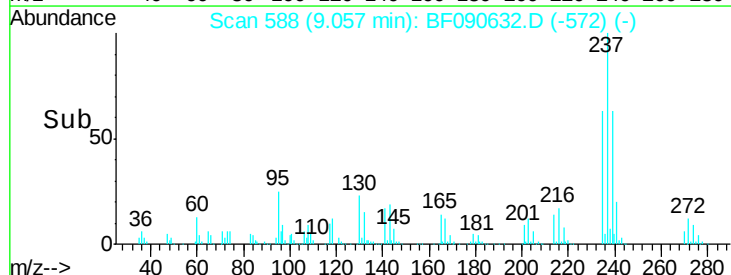
272 11.7 0.0 33.7



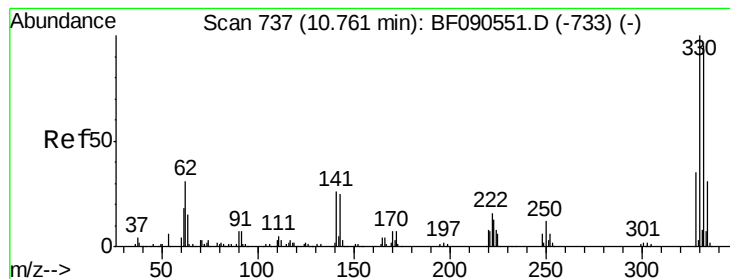
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



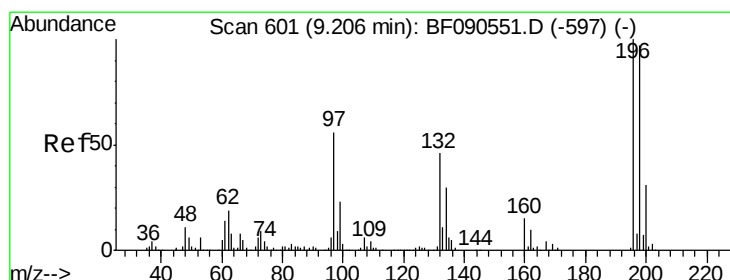
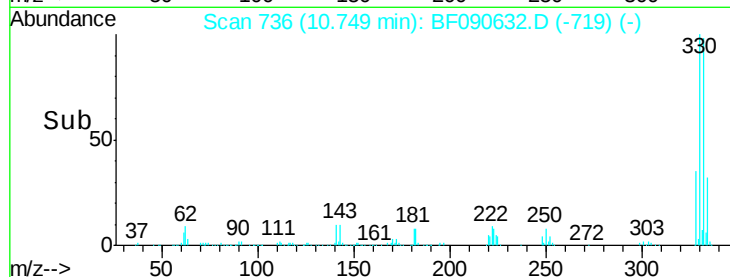
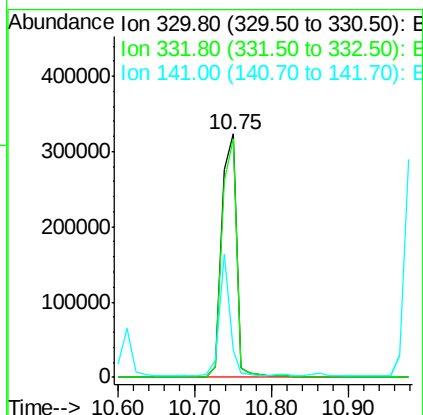
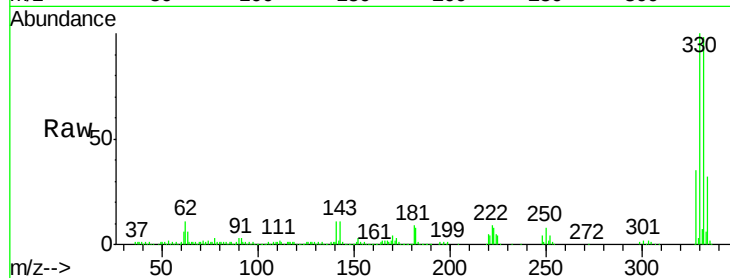
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 92.25 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

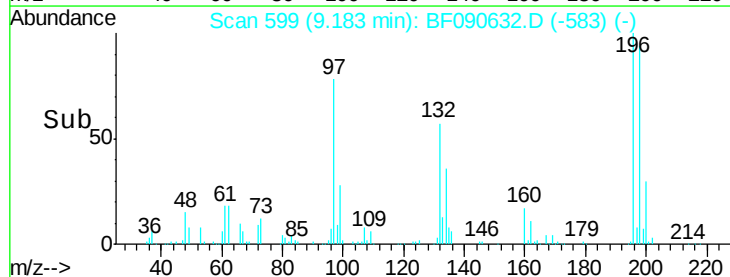
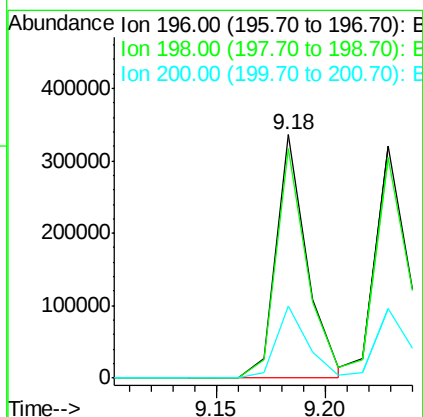
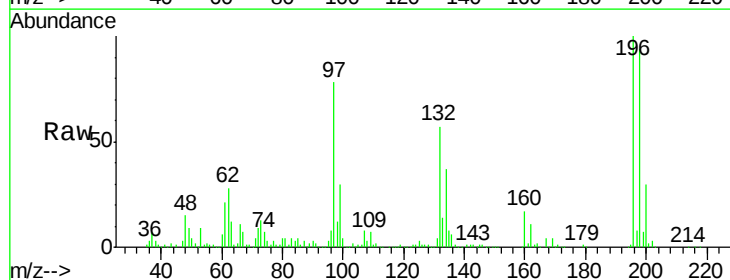
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

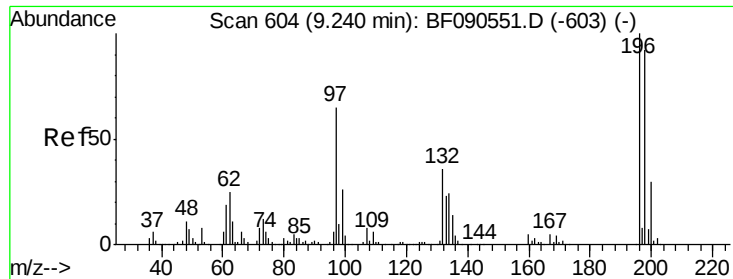
Tgt Ion:330 Resp: 443922
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.2
 141 35.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.52 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:196 Resp: 335166
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.9 116.9
 200 29.9 25.1 37.7

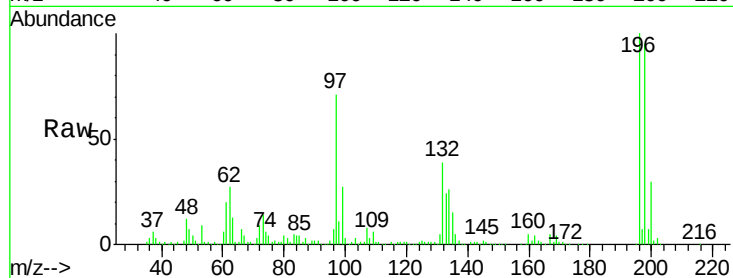




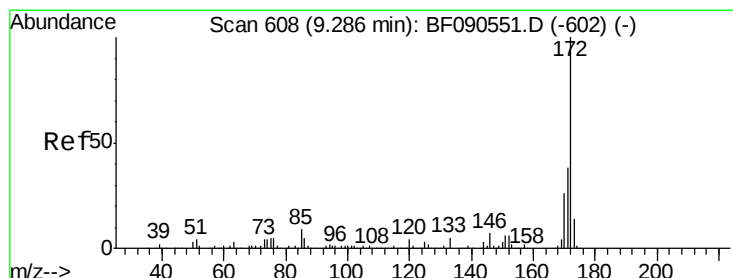
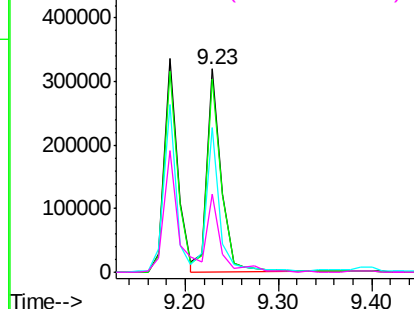
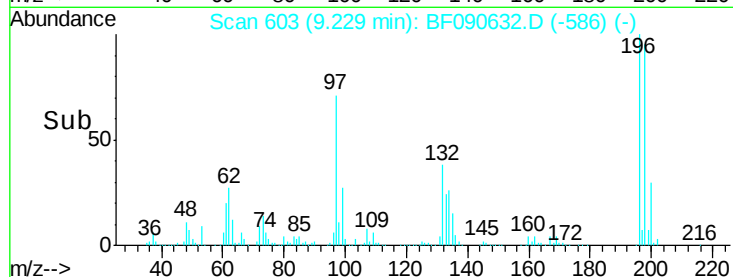
#43
 2,4,5-Trichlorophenol
 Concen: 35.93 ng
 RT: 9.23 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

Tgt Ion:196 Resp: 345951
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.0 111.0
 97 71.1 54.7 82.1
 132 38.5 30.5 45.7

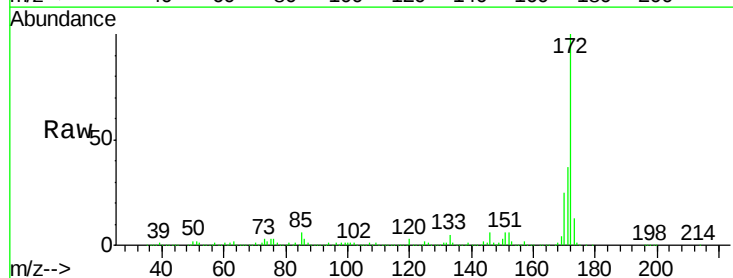


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

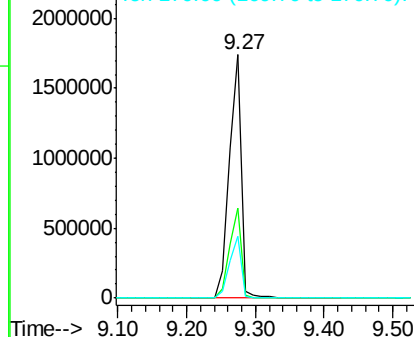
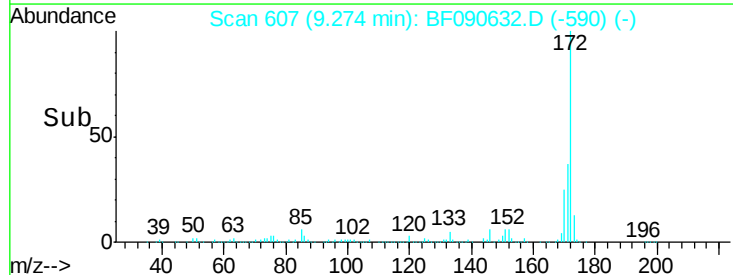


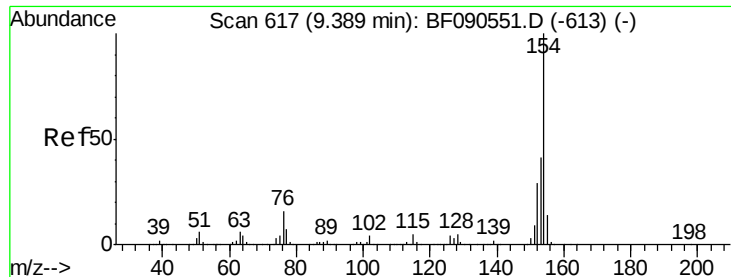
#44
 2-Fluorobiphenyl
 Concen: 65.64 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:172 Resp: 2150197
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.1 45.1
 170 25.2 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: 34.10 ng

RT: 9.37 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

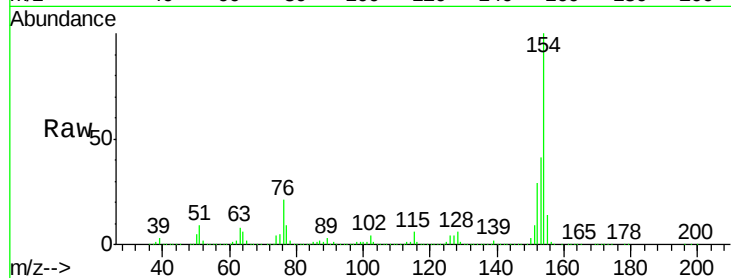
Tgt Ion:154 Resp: 1400636

Ion Ratio Lower Upper

154 100

153 40.9 21.5 61.5

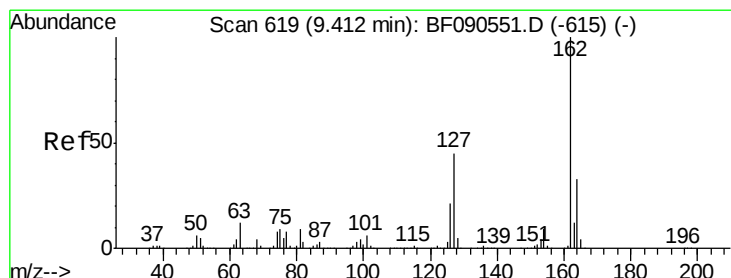
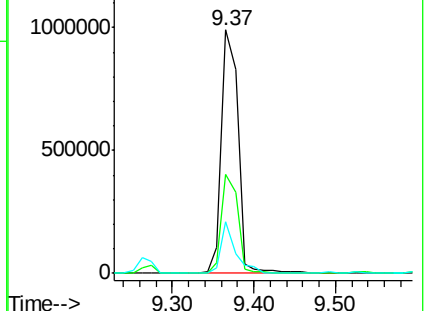
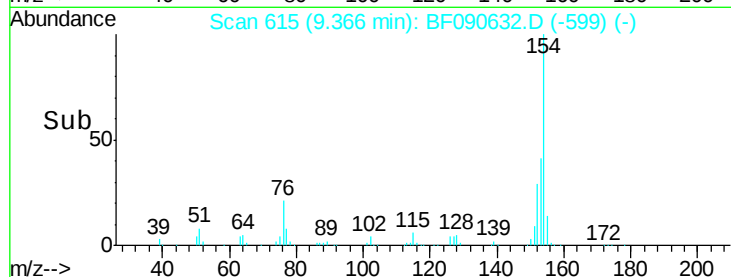
76 21.3 0.0 36.0



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: 37.52 ng

RT: 9.40 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

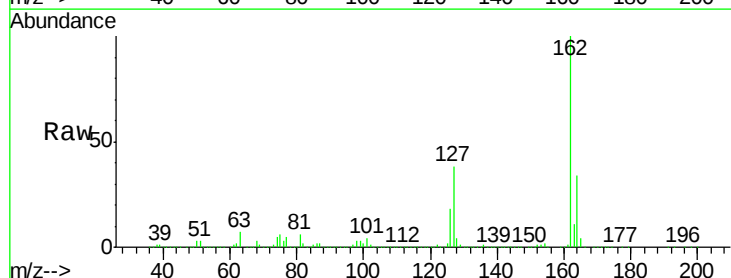
Tgt Ion:162 Resp: 1149106

Ion Ratio Lower Upper

162 100

127 37.8 35.9 53.9

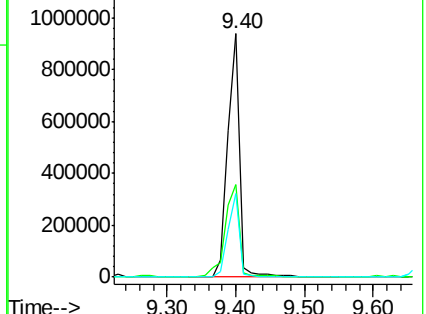
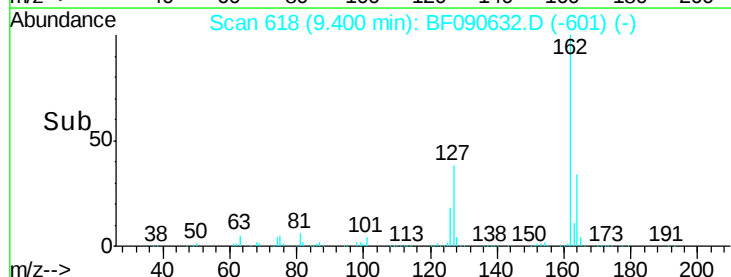
164 34.5 26.7 40.1

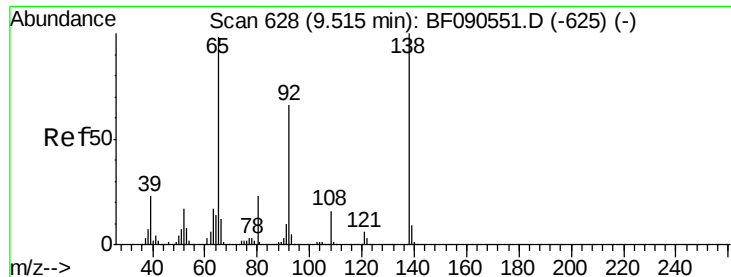


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

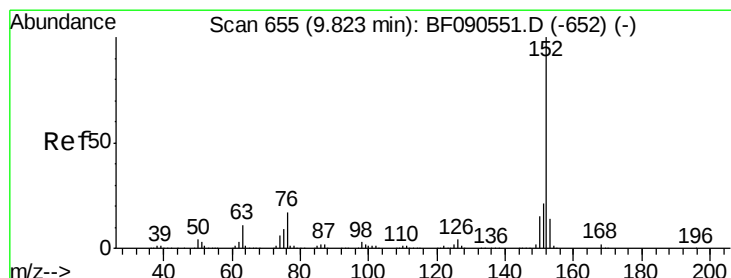
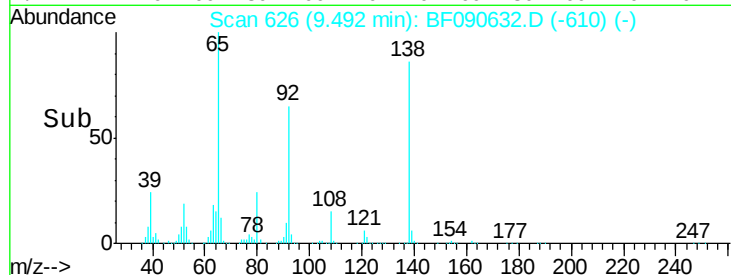
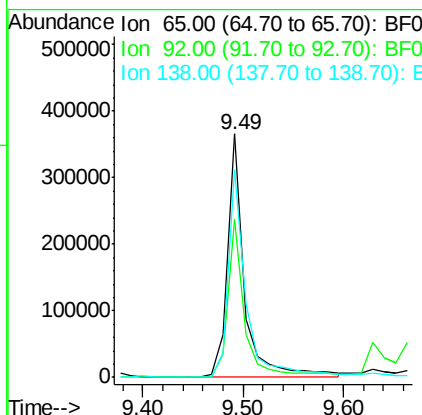
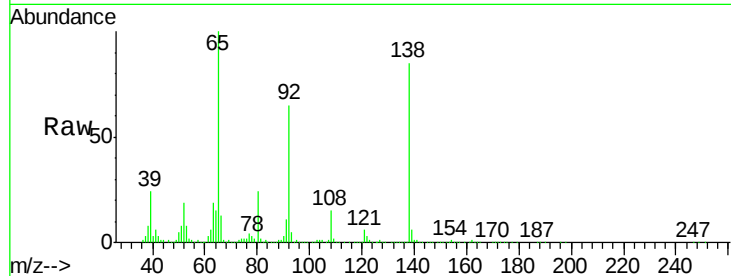




#47
2-Nitroaniline
Concen: 38.18 ng
RT: 9.49 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

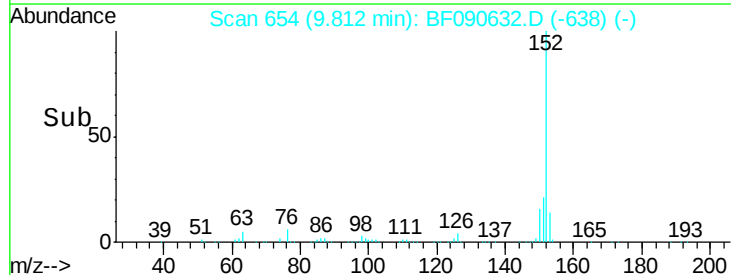
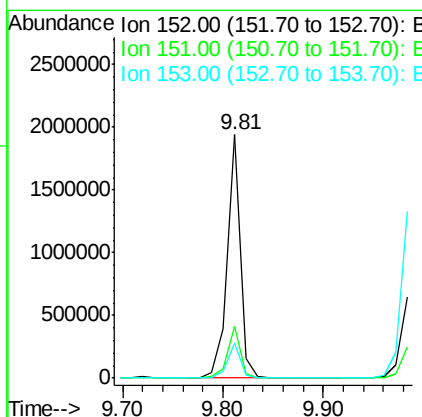
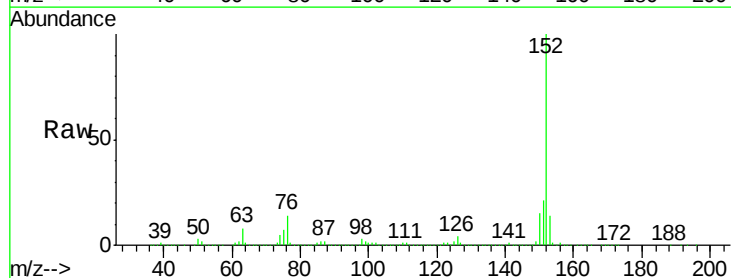
Instrument :
BNA_F
ClientSampleId :
SP-3-2MS

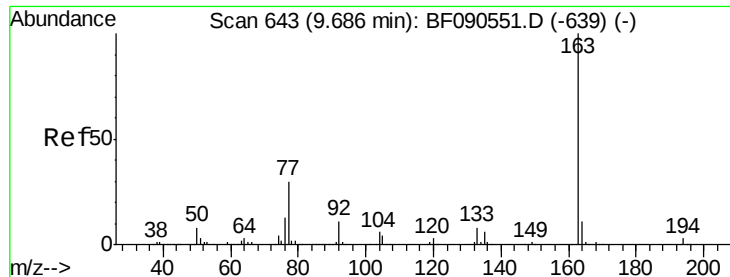
Tgt Ion: 65 Resp: 423920
Ion Ratio Lower Upper
65 100
92 64.6 54.3 81.5
138 85.3 81.7 122.5



#48
Acenaphthylene
Concen: 36.05 ng
RT: 9.81 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Tgt Ion: 152 Resp: 1758130
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0
153 14.3 11.3 16.9





#49

Dimethylphthalate

Concen: 44.61 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

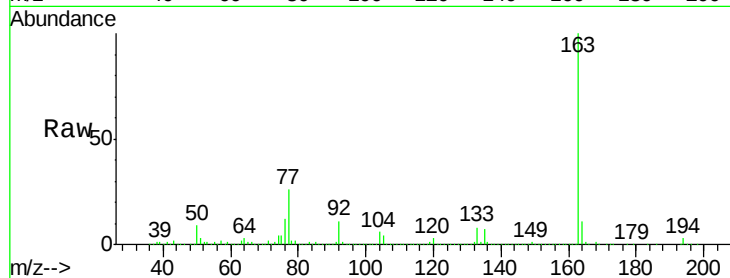
Tgt Ion:163 Resp: 1562249

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

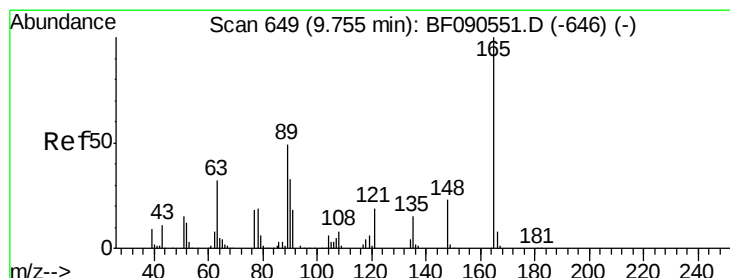
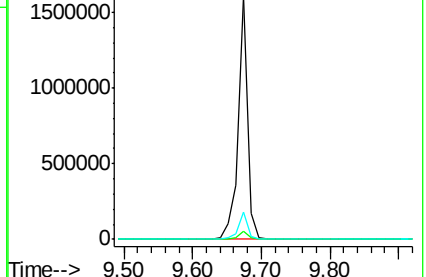
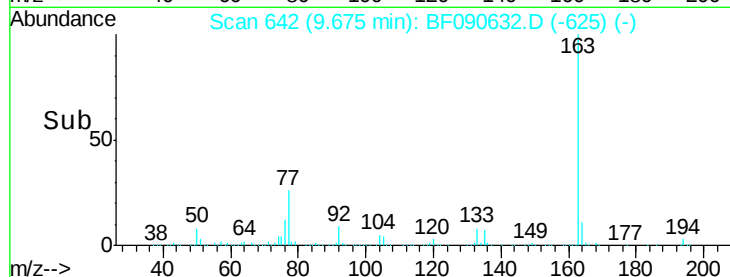
164 11.1 8.6 13.0



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: 33.78 ng

RT: 9.73 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

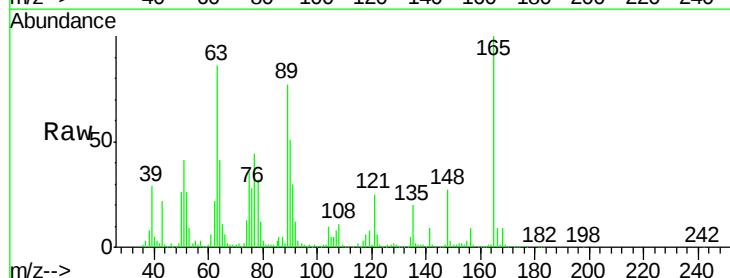
Tgt Ion:165 Resp: 258866

Ion Ratio Lower Upper

165 100

63 85.8 40.1 60.1#

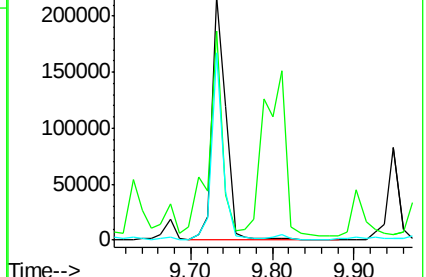
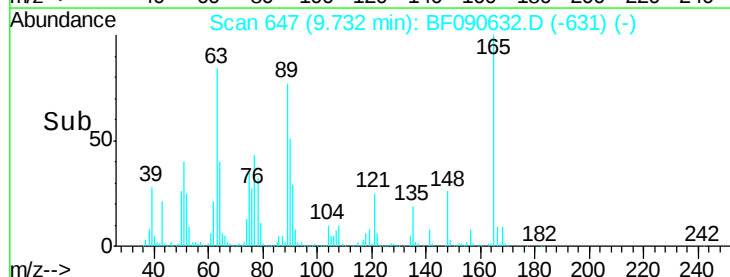
89 76.8 39.5 59.3#

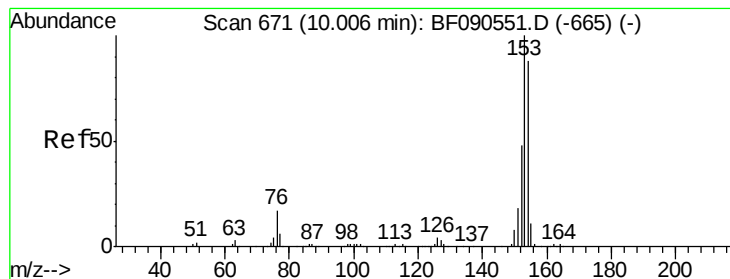


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.63 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

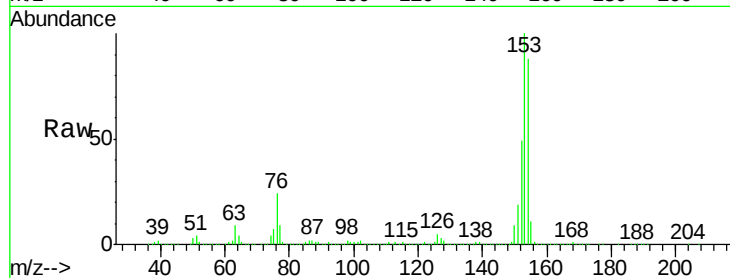
Tgt Ion:154 Resp: 1057616

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

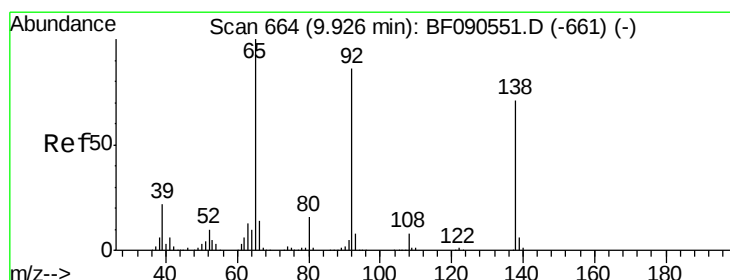
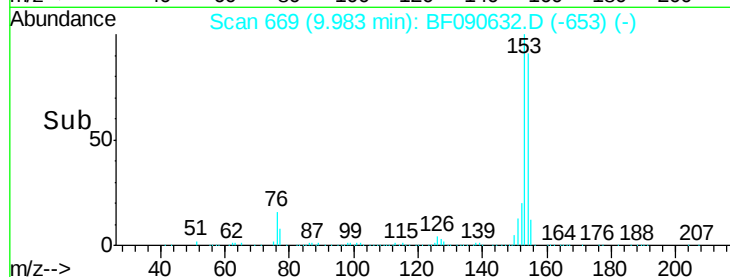
152 55.3 44.0 66.0



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



#52

3-Nitroaniline

Concen: 27.79 ng

RT: 9.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

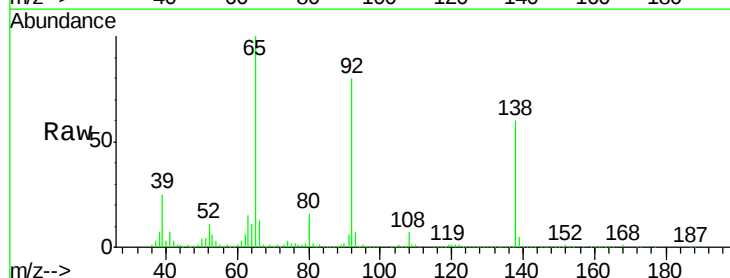
Tgt Ion:138 Resp: 267226

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

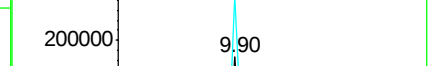
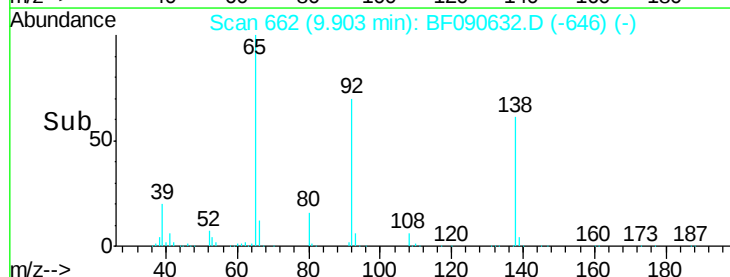
92 133.0 97.8 146.8

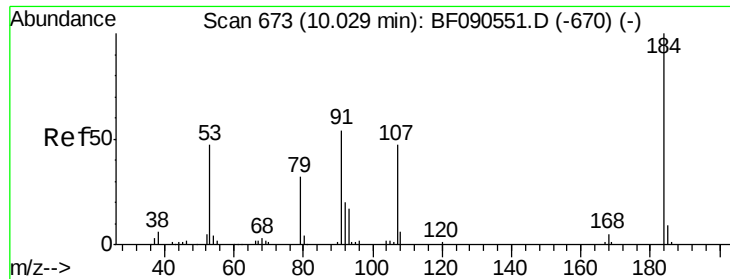


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

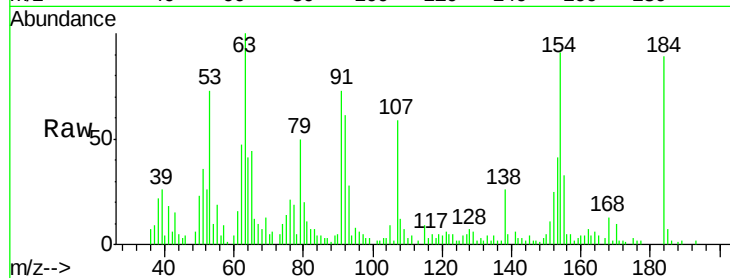




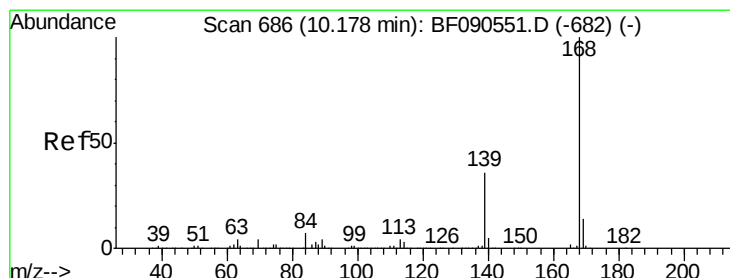
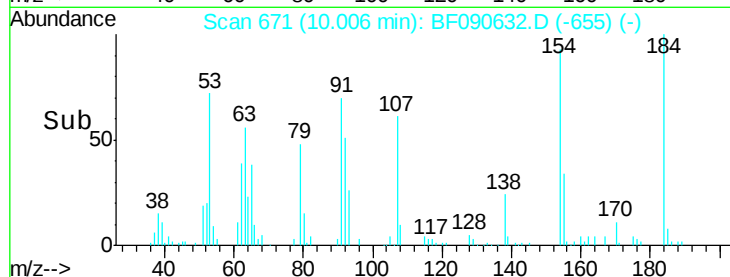
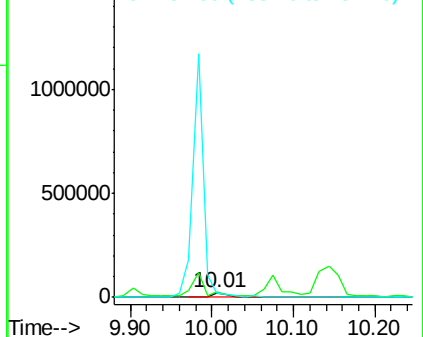
#53
2,4-Dinitrophenol
Concen: 14.25 ng
RT: 10.01 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-3-2MS

Tgt Ion:184 Resp: 38396
Ion Ratio Lower Upper
184 100
63 112.7 60.2 90.2#
154 102.6 86.1 129.1

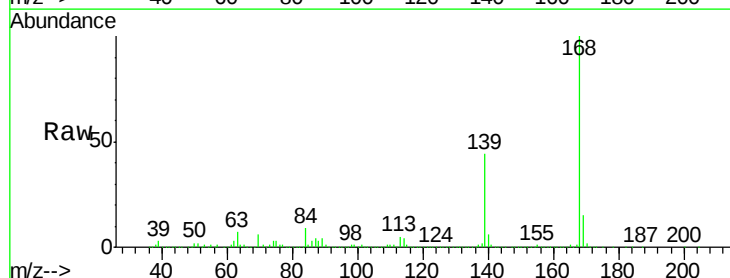


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

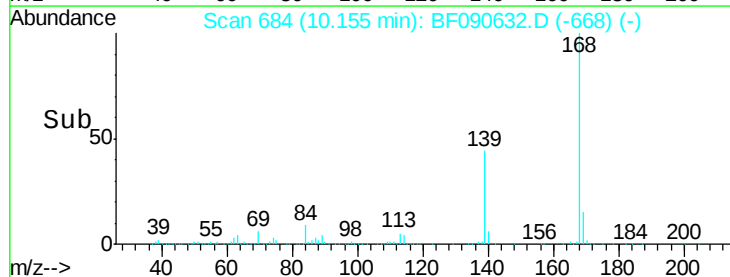
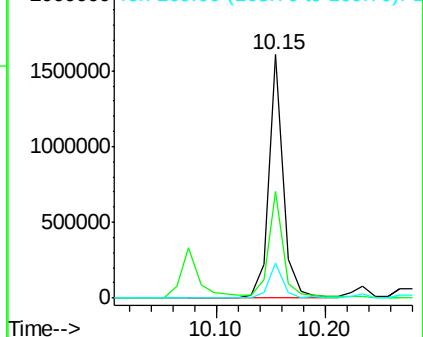


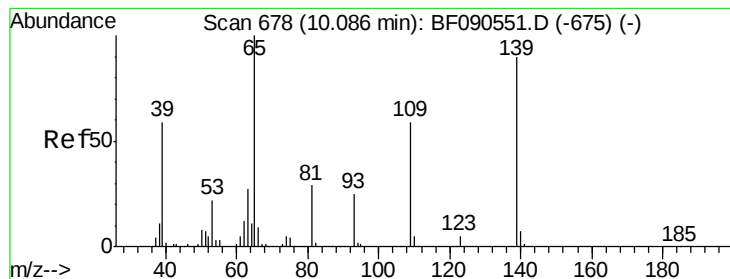
#54
Dibenzofuran
Concen: 35.26 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Tgt Ion:168 Resp: 1503248
Ion Ratio Lower Upper
168 100
139 44.0 30.5 45.7
169 14.5 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: 69.29 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

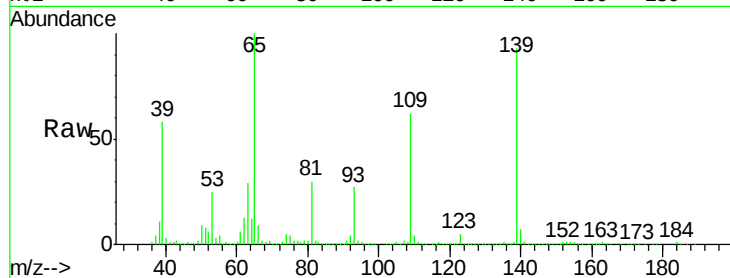
Tgt Ion:139 Resp: 400959

Ion Ratio Lower Upper

139 100

109 66.3 45.9 85.9

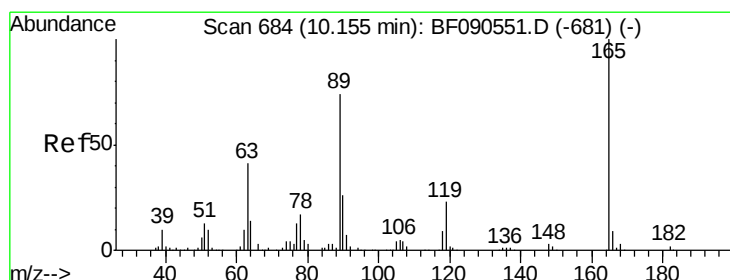
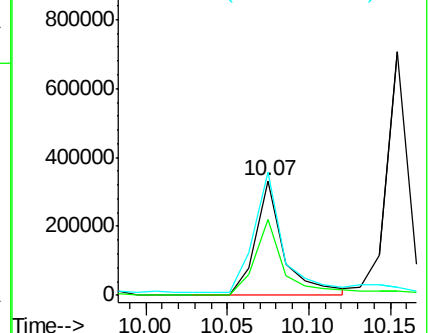
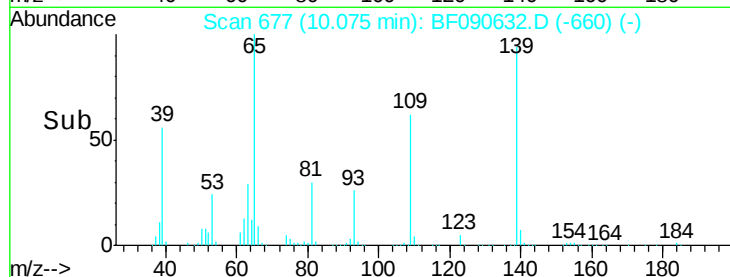
65 107.6 95.8 135.8



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: 38.57 ng

RT: 10.14 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Tgt Ion:165 Resp: 401402

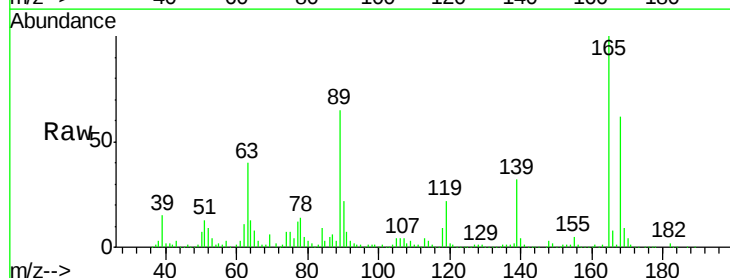
Ion Ratio Lower Upper

165 100

63 40.5 35.4 53.0

89 64.6 59.0 88.4

182 2.2 1.8 2.6

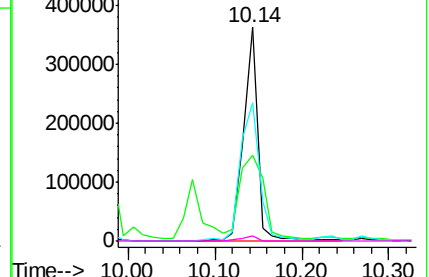
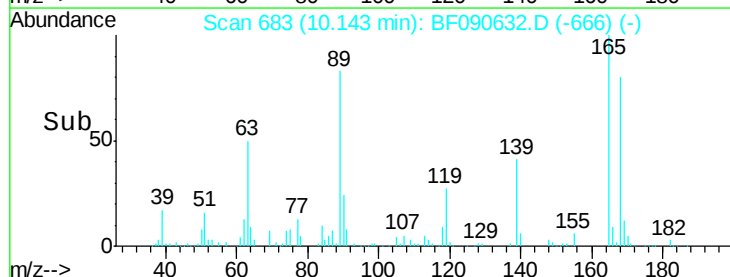


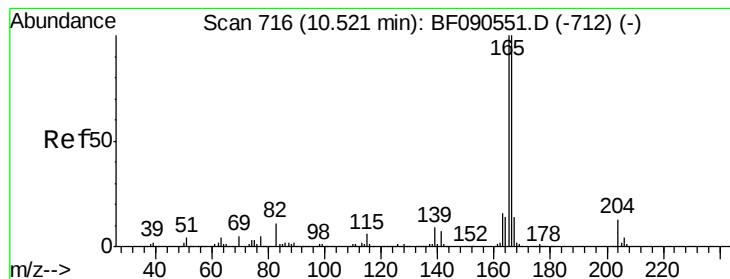
Abundance Ion 165.00 (164.70 to 165.70): E

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: 33.75 ng

RT: 10.50 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

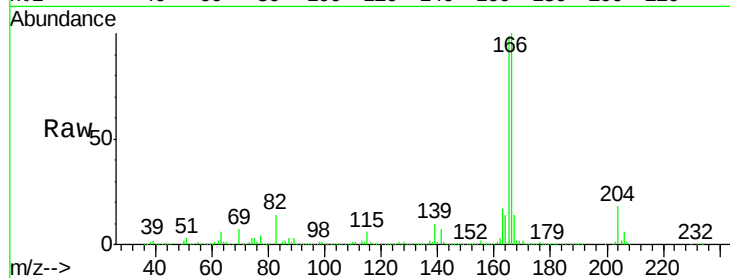
Tgt Ion:166 Resp: 1187093

Ion Ratio Lower Upper

166 100

165 99.1 79.9 119.9

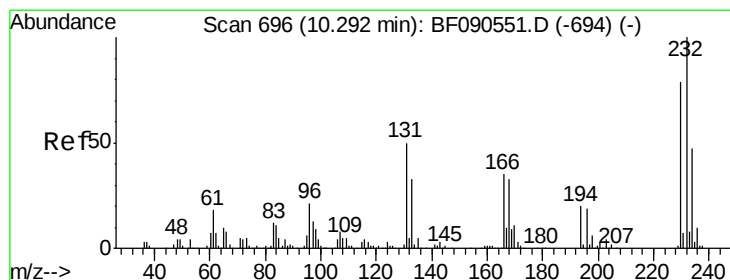
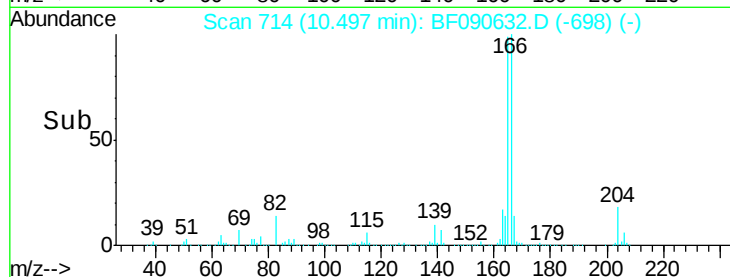
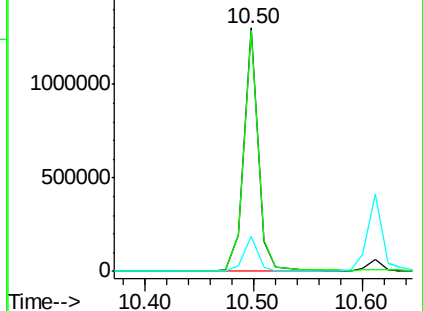
167 14.2 10.9 16.3



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: 33.05 ng

RT: 10.28 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Tgt Ion:232 Resp: 265081

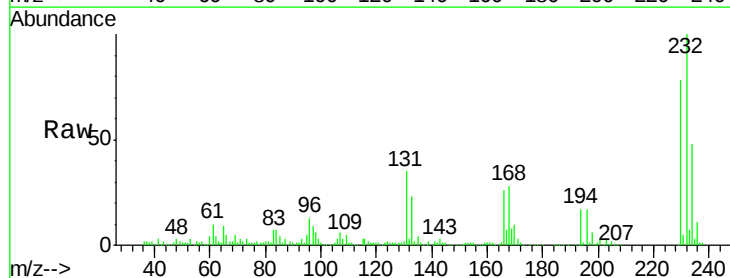
Ion Ratio Lower Upper

232 100

131 52.1 42.6 64.0

130 2.7 1.8 2.8

166 33.3 27.5 41.3

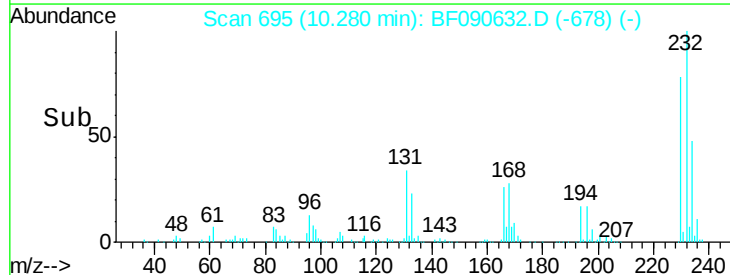
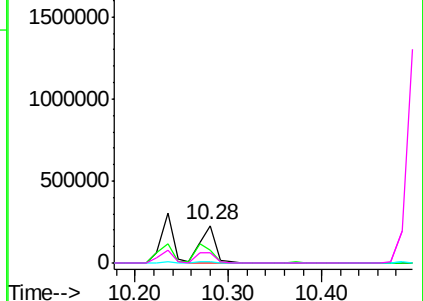


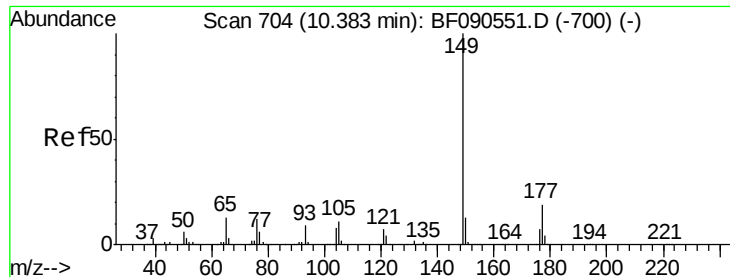
Abundance Ion 232.00 (231.70 to 232.70): E

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

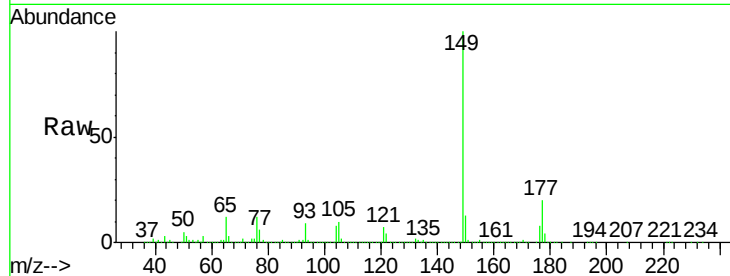




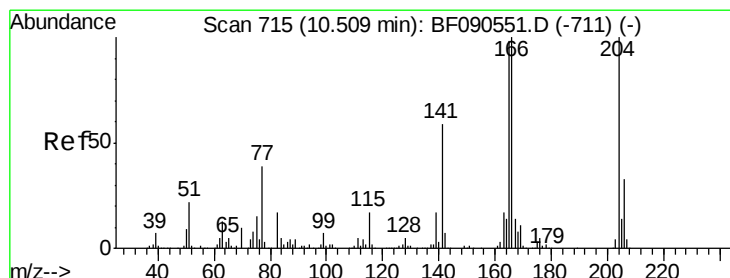
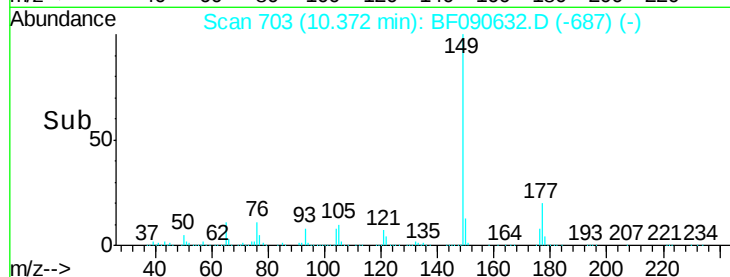
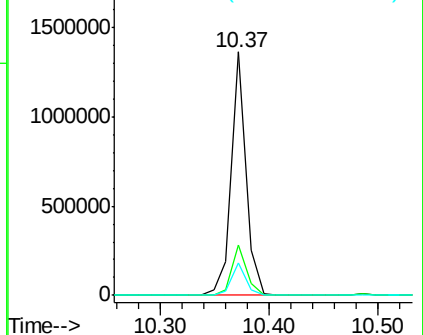
#59
Diethylphthalate
Concen: 35.83 ng
RT: 10.37 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-3-2MS

Tgt Ion:149 Resp: 1272588
Ion Ratio Lower Upper
149 100
177 20.5 15.3 22.9
150 13.1 10.3 15.5

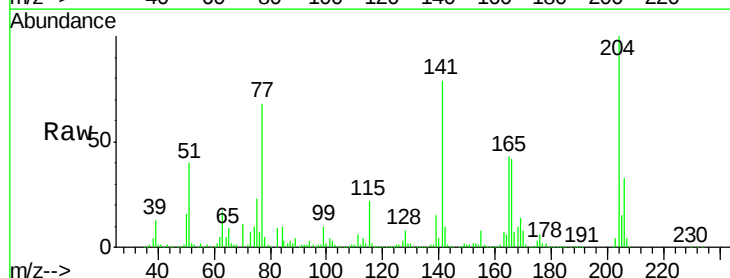


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

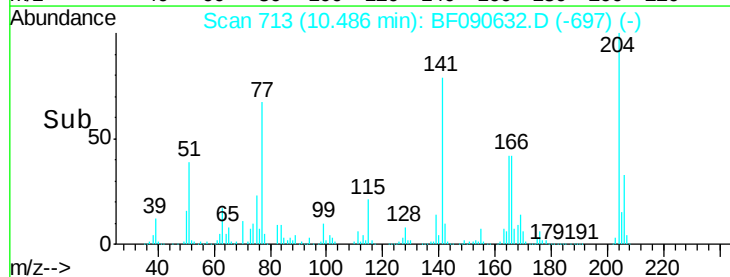
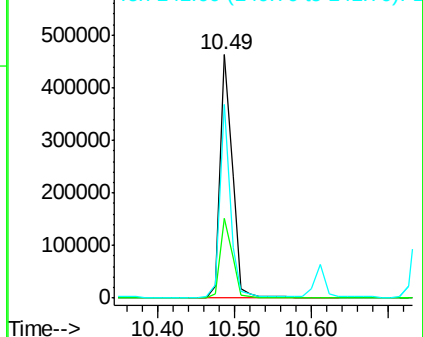


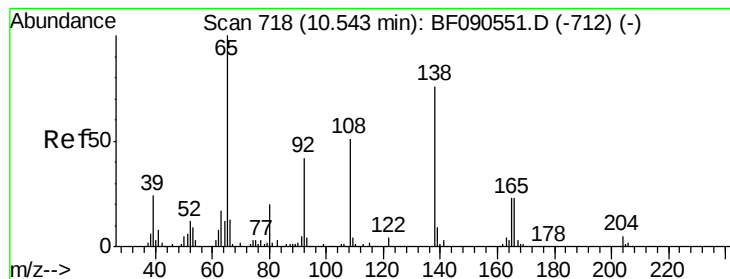
#60
4-Chlorophenyl-phenylether
Concen: 31.51 ng
RT: 10.49 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Tgt Ion:204 Resp: 522321
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 79.5 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: 27.67 ng

RT: 10.52 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

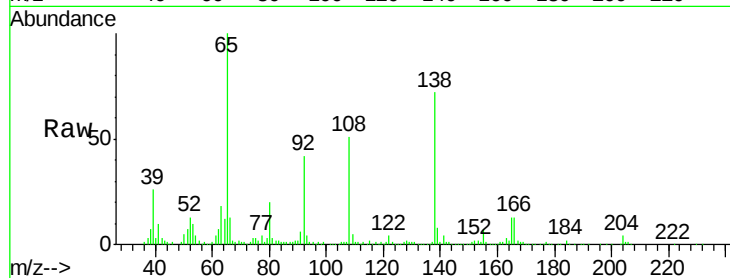
Tgt Ion:138 Resp: 266819

Ion Ratio Lower Upper

138 100

92 57.6 35.7 75.7

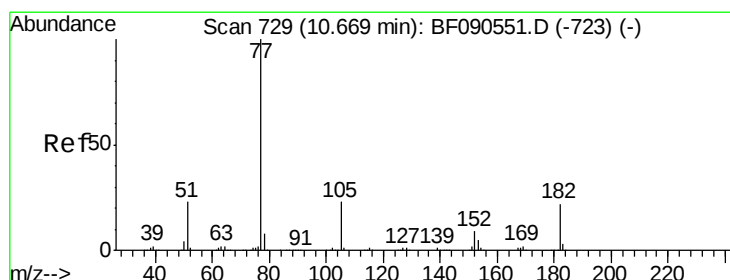
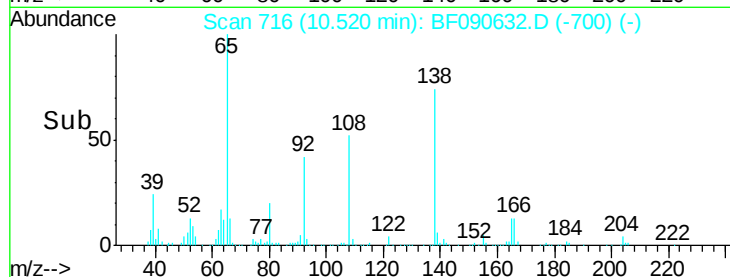
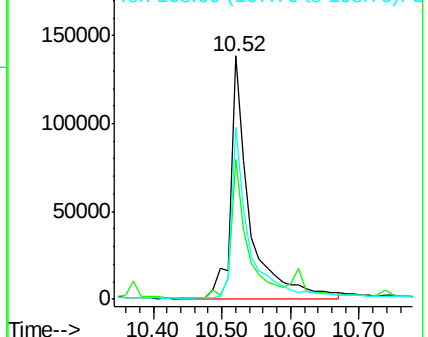
108 70.5 46.9 86.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.35 ng

RT: 10.65 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Tgt Ion: 77 Resp: 1534618

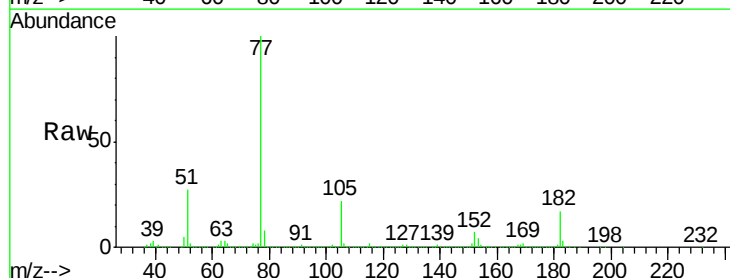
Ion Ratio Lower Upper

77 100

182 17.5 2.2 42.2

105 22.2 3.5 43.5

51 26.7 3.7 43.7

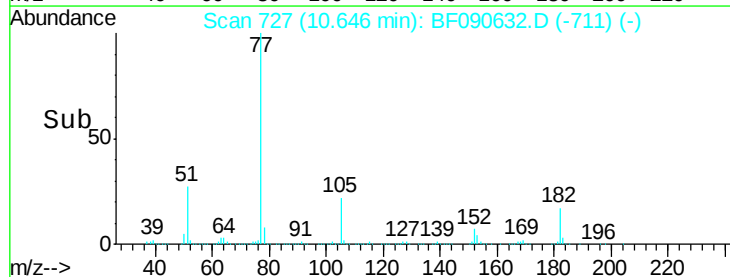
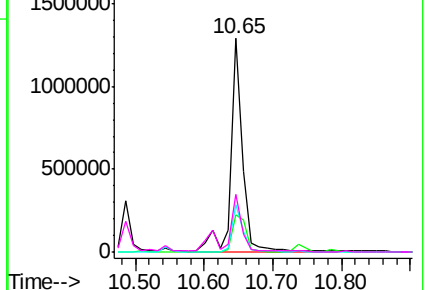


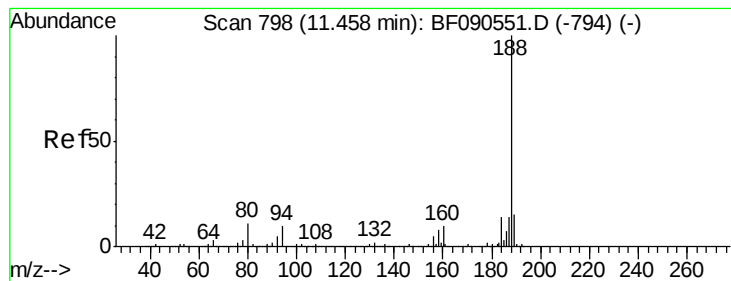
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

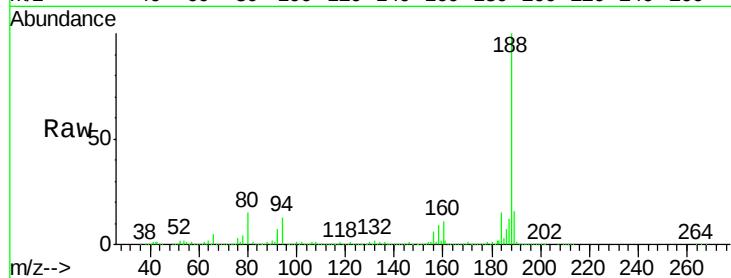
Tgt Ion:188 Resp: 775673

Ion Ratio Lower Upper

188 100

94 13.2 7.7 11.5#

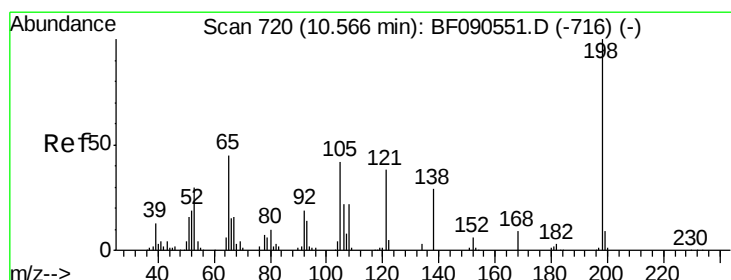
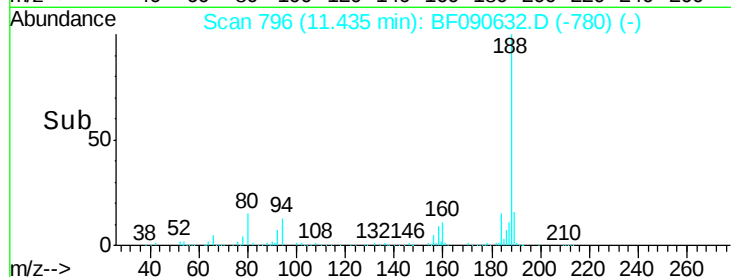
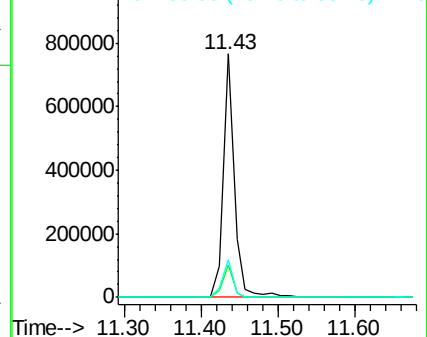
80 15.4 8.6 12.8#



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: 10.33 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

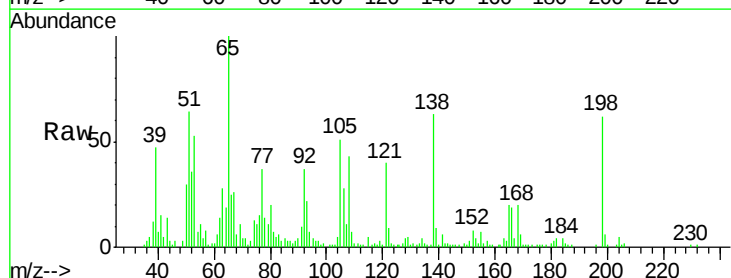
Tgt Ion:198 Resp: 48512

Ion Ratio Lower Upper

198 100

51 103.4 19.7 59.7#

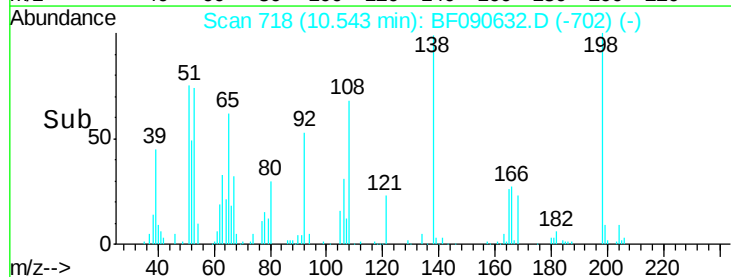
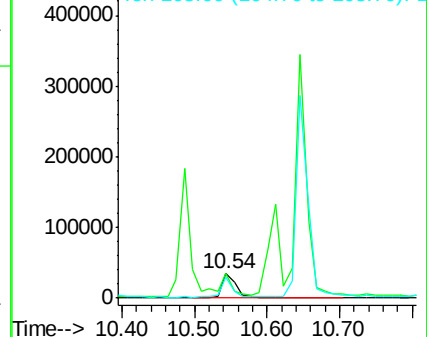
105 83.5 22.6 62.6#

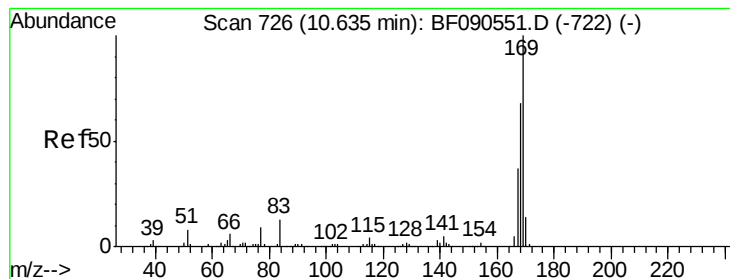


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.72 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

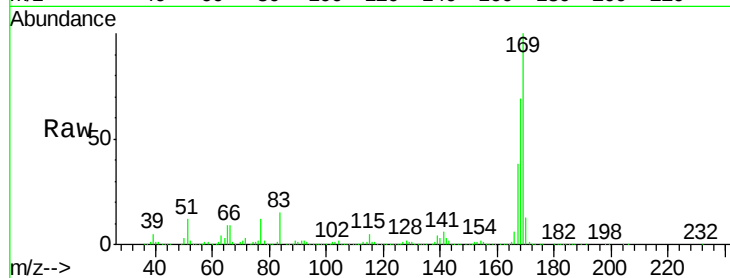
Tgt Ion:169 Resp: 1068982

Ion Ratio Lower Upper

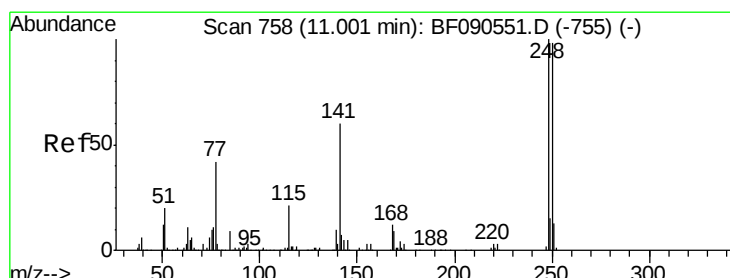
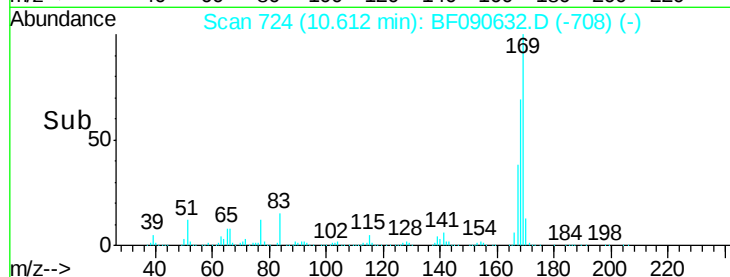
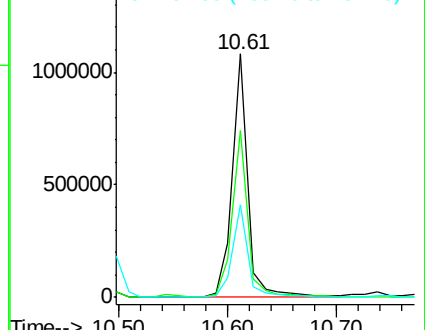
169 100

168 68.7 54.6 81.8

167 37.9 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: 34.90 ng

RT: 10.98 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

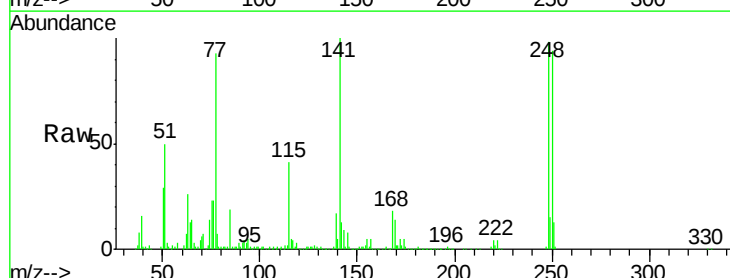
Tgt Ion:248 Resp: 290438

Ion Ratio Lower Upper

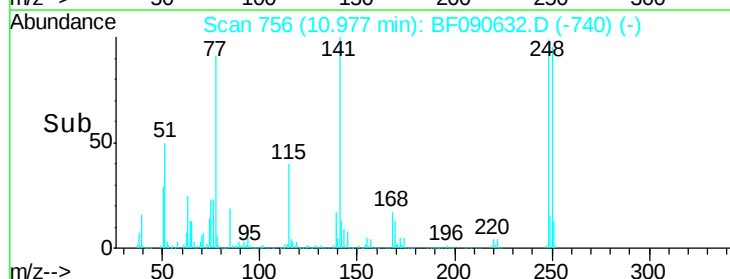
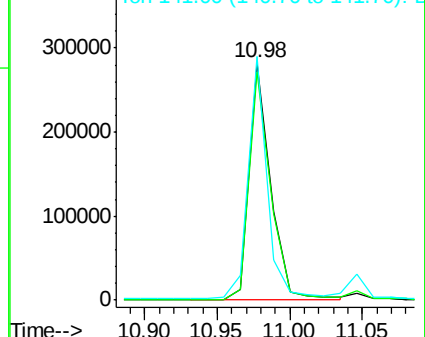
248 100

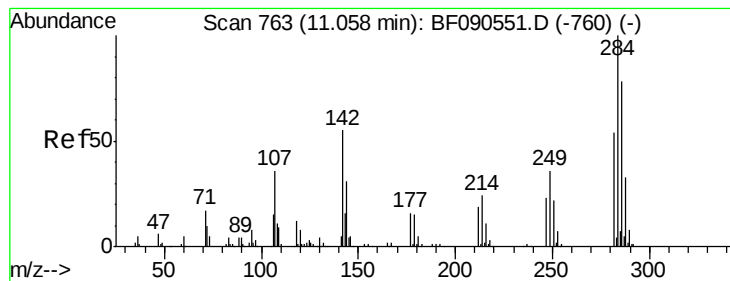
250 96.2 78.4 117.6

141 102.4 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: 34.57 ng

RT: 11.05 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

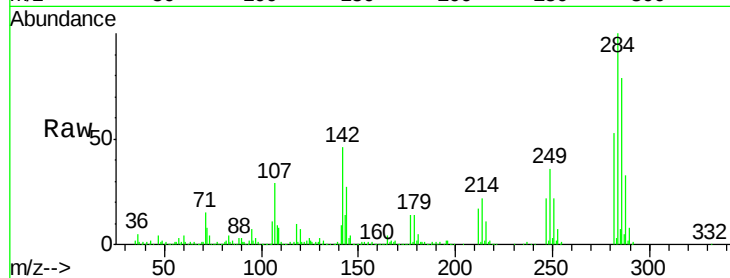
Tgt Ion:284 Resp: 312371

Ion Ratio Lower Upper

284 100

142 45.8 44.5 66.7

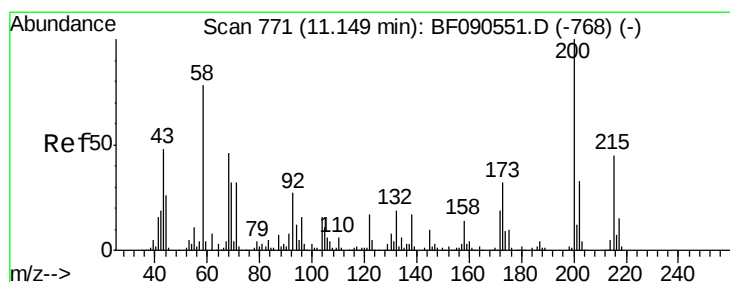
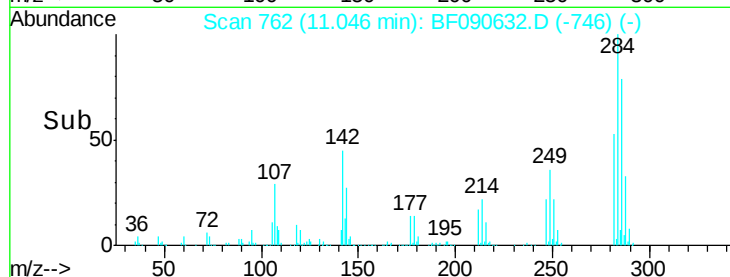
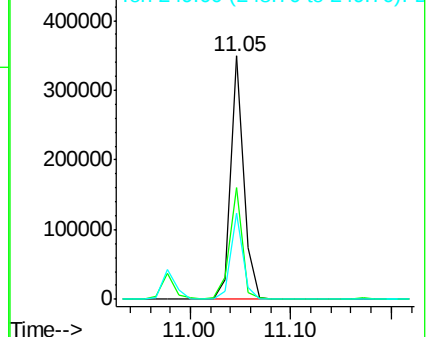
249 35.6 29.6 44.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.90 ng

RT: 11.14 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

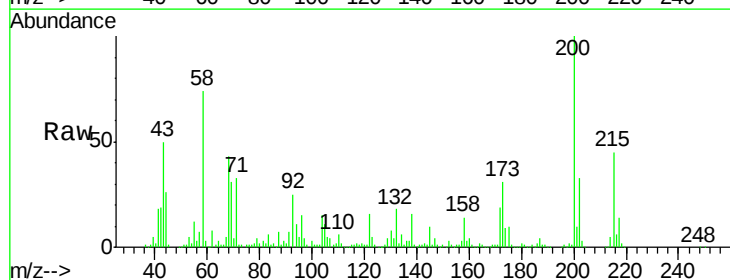
Tgt Ion:200 Resp: 268599

Ion Ratio Lower Upper

200 100

173 31.2 12.0 52.0

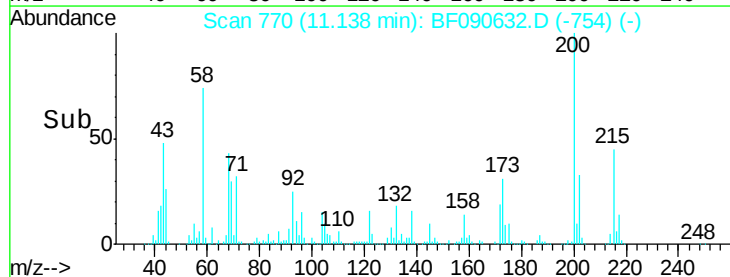
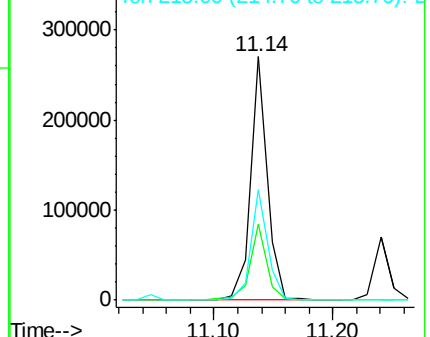
215 45.2 25.2 65.2

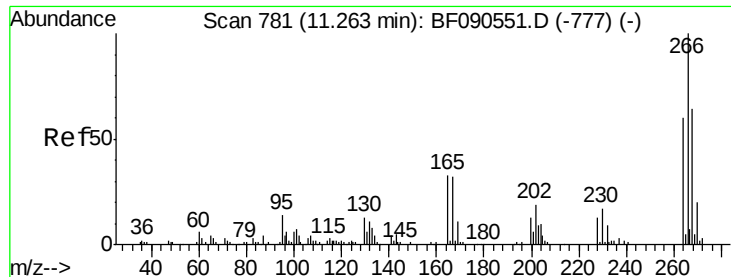


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

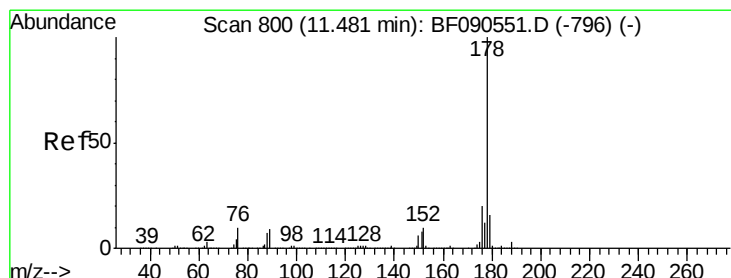
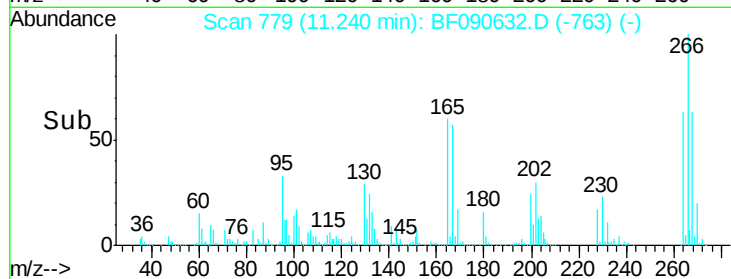
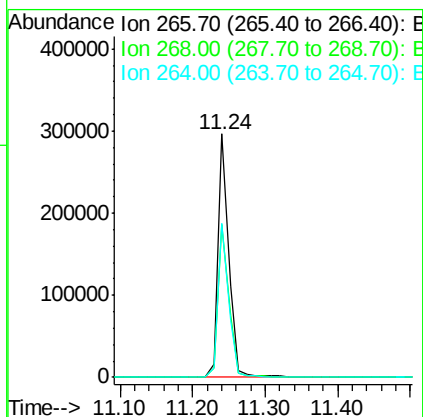
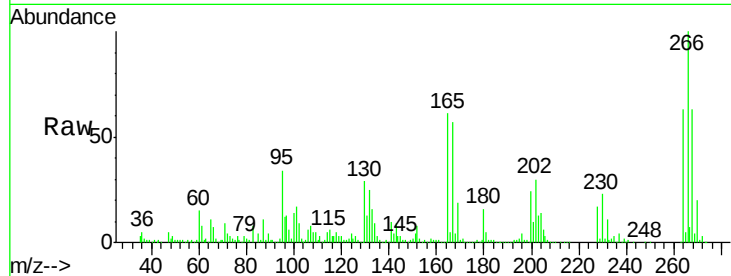




#69
 Pentachlorophenol
 Concen: 68.99 ng
 RT: 11.24 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

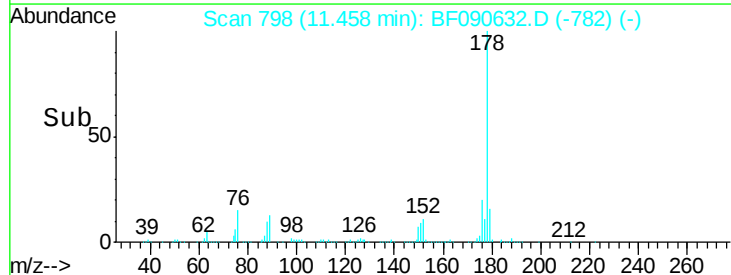
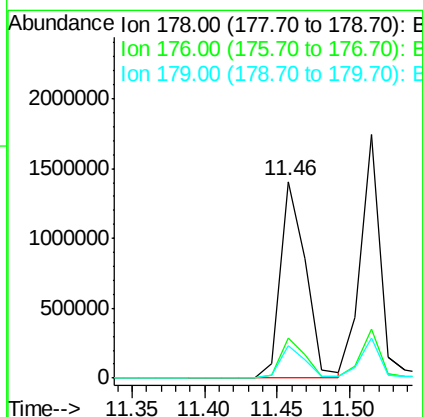
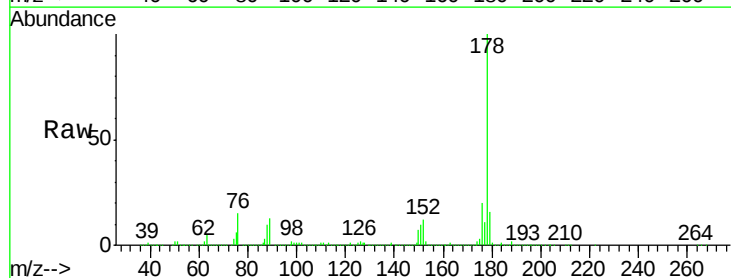
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

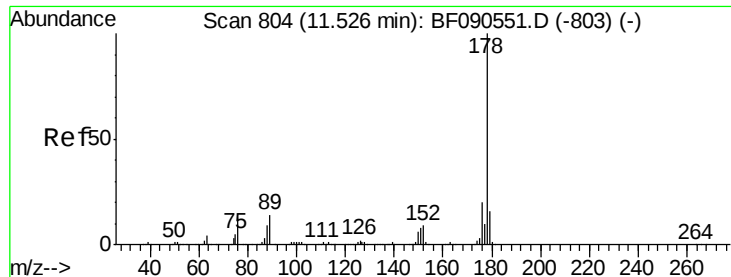
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.5	77.3
264	63.4	47.9	71.9



#70
 Phenanthrene
 Concen: 41.08 ng
 RT: 11.46 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.5	12.6	19.0

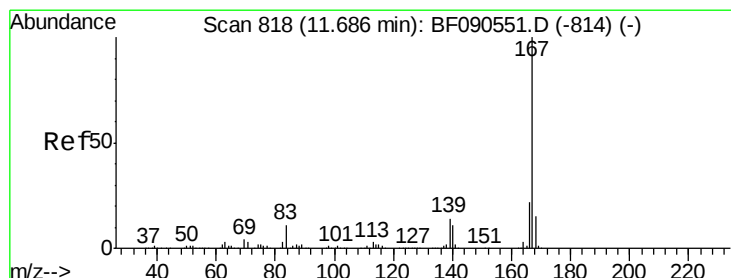
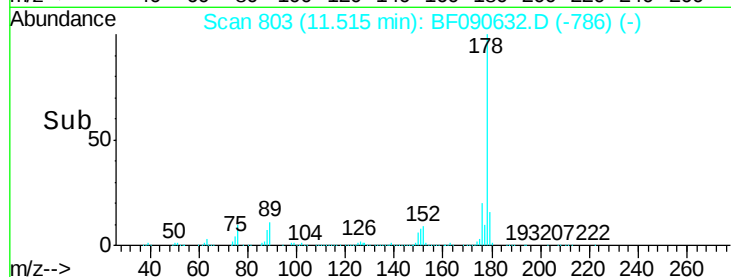
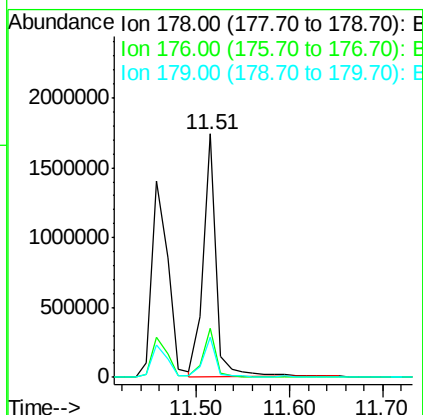
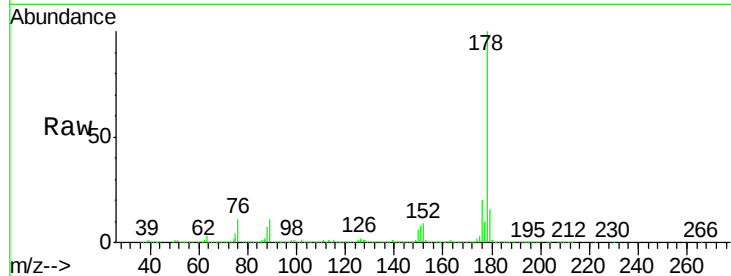




#71
 Anthracene
 Concen: 38.11 ng
 RT: 11.51 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

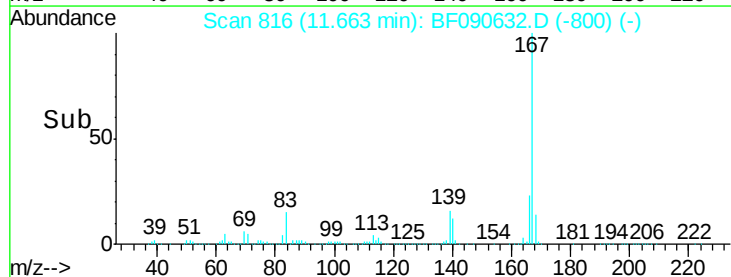
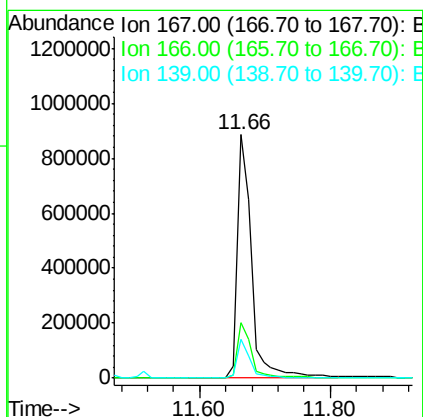
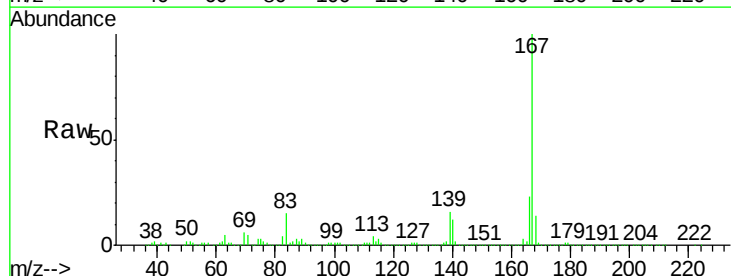
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

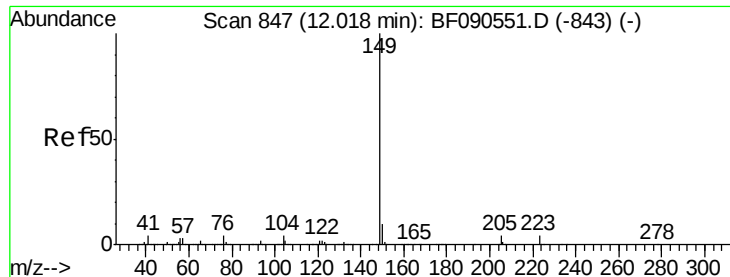
Tgt Ion:178 Resp: 1698141
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.5 23.3
 179 16.4 13.0 19.4



#72
 Carbazole
 Concen: 32.62 ng
 RT: 11.66 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:167 Resp: 1301251
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 15.7 11.3 16.9

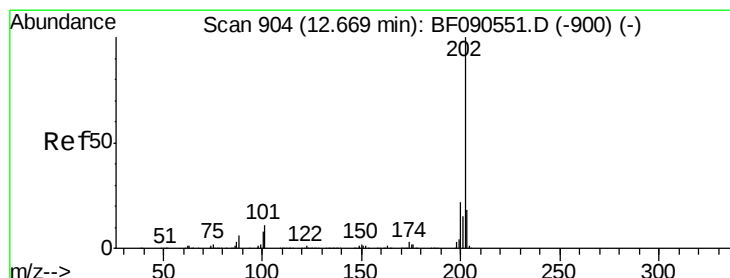
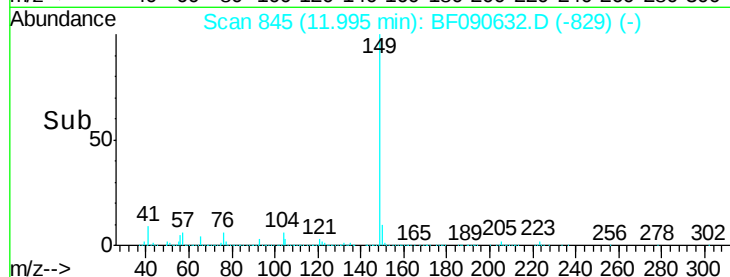
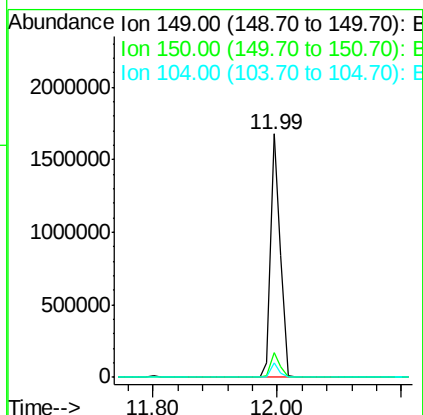
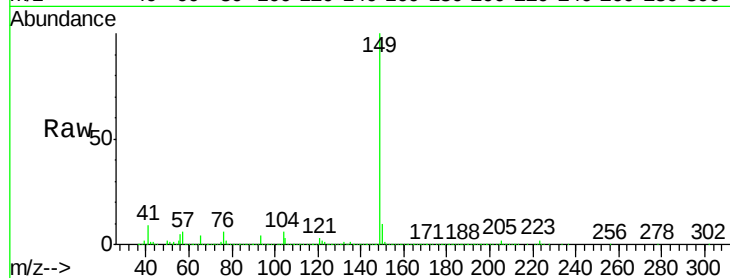




#73
Di-n-butylphthalate
Concen: 38.68 ng
RT: 11.99 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

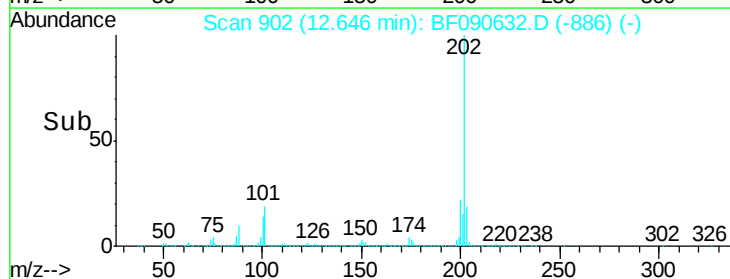
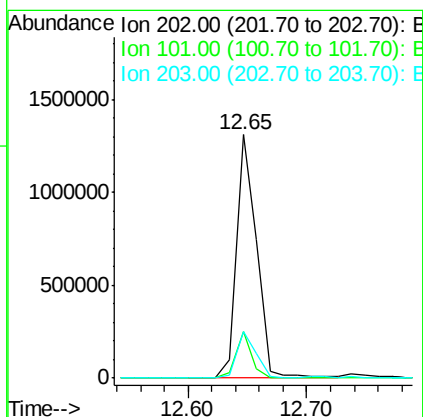
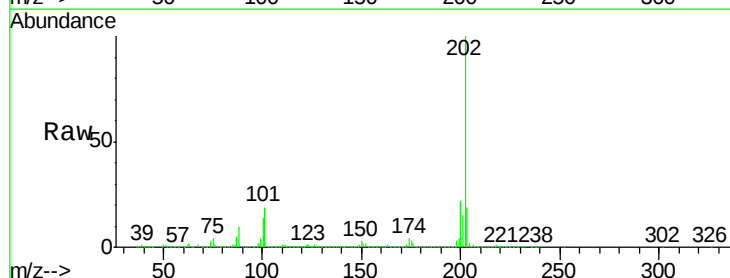
Instrument :
BNA_F
ClientSampleId :
SP-3-2MS

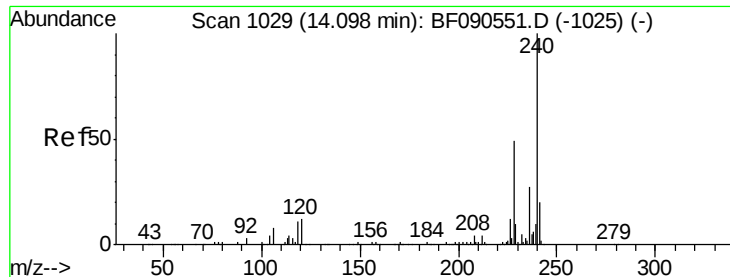
Tgt Ion:149 Resp: 1807545
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.7 3.3 4.9#



#74
Fluoranthene
Concen: 37.03 ng
RT: 12.65 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Tgt Ion:202 Resp: 1542017
Ion Ratio Lower Upper
202 100
101 19.2 0.0 31.1
203 19.0 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

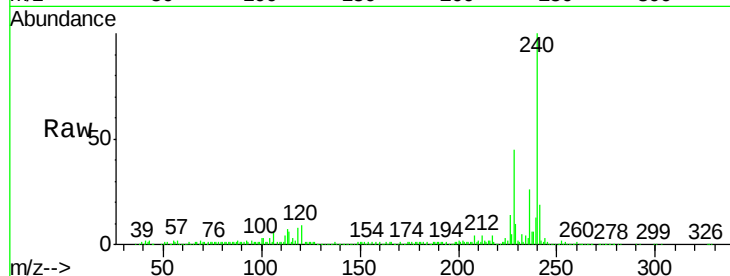
Tgt Ion:240 Resp: 535682

Ion Ratio Lower Upper

240 100

120 9.3 9.8 14.8#

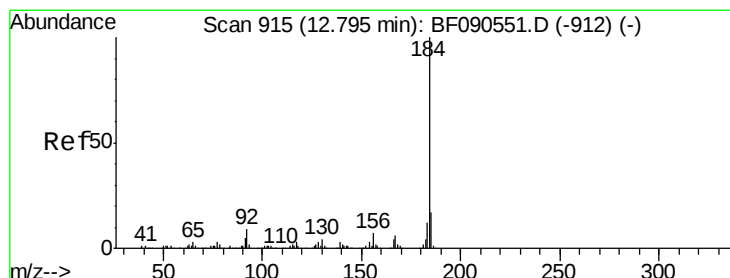
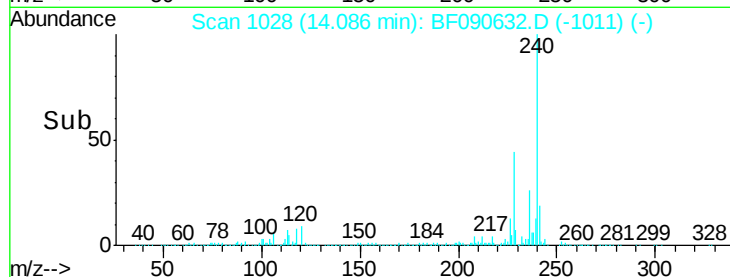
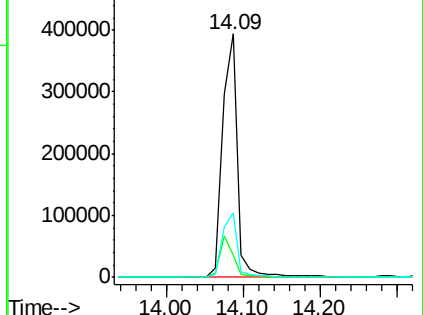
236 26.4 21.7 32.5



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: 3.68 ng

RT: 12.78 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

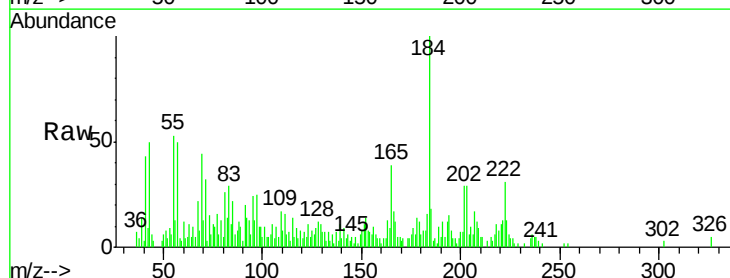
Tgt Ion:184 Resp: 49010

Ion Ratio Lower Upper

184 100

185 18.4 13.4 20.0

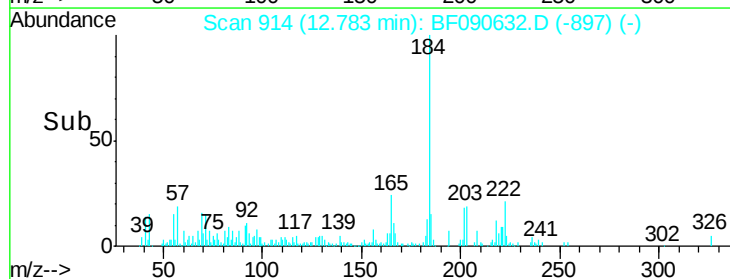
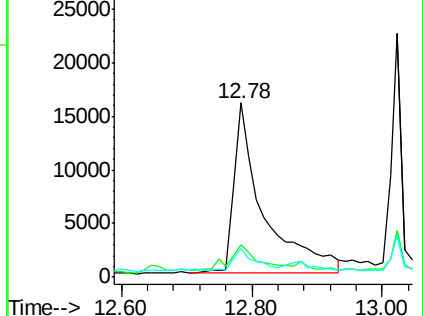
183 16.2 9.4 14.0#

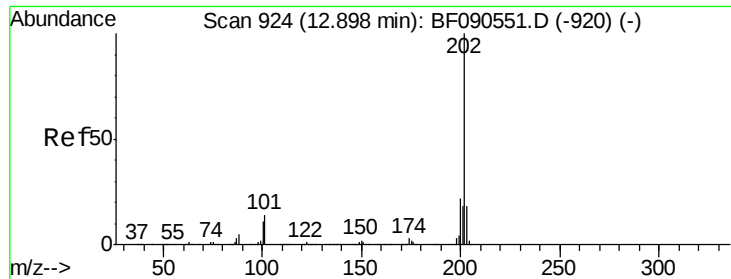


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

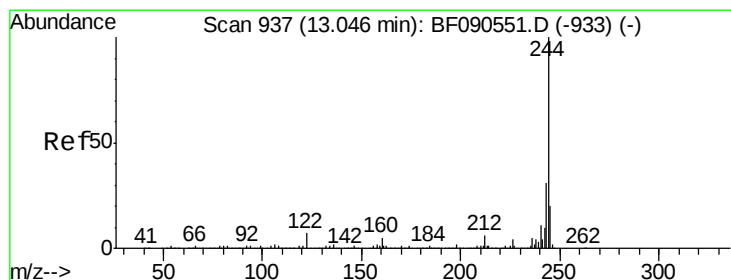
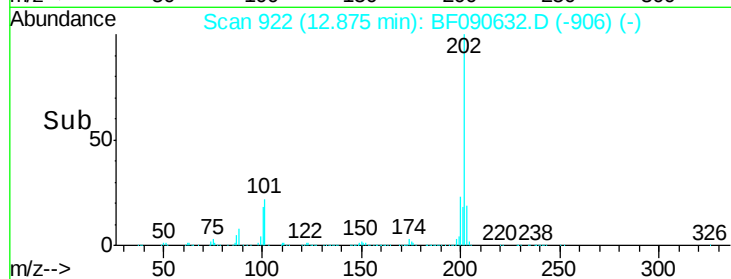
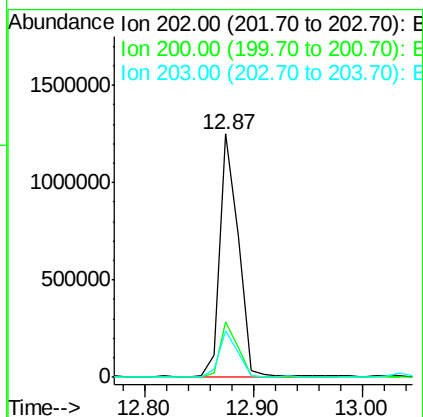
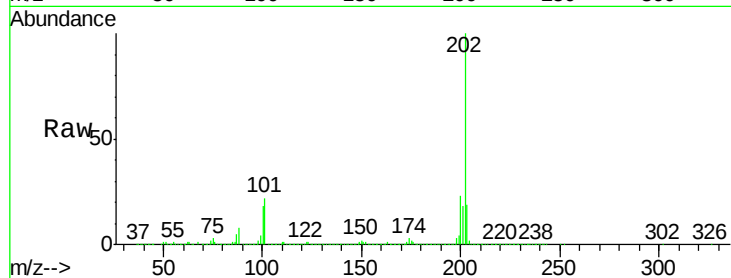




#77
 Pyrene
 Concen: 41.56 ng
 RT: 12.87 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

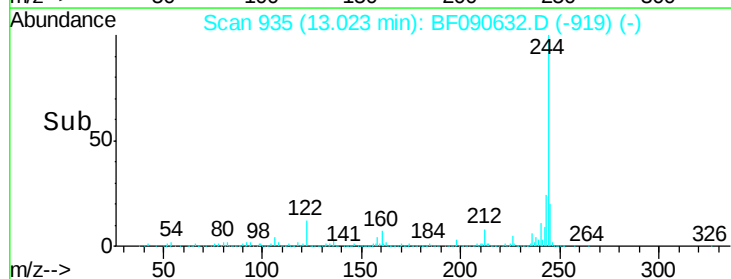
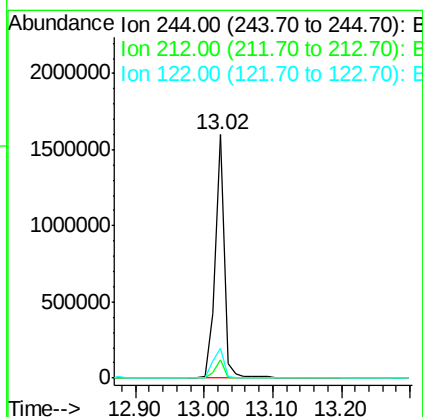
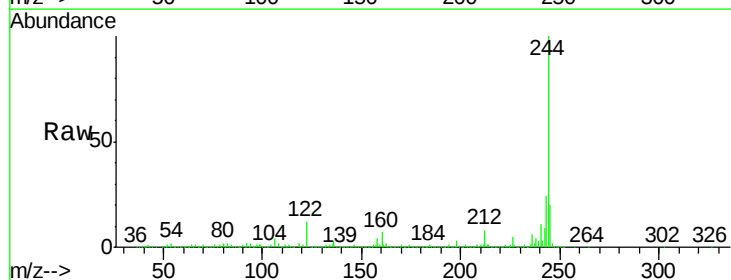
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

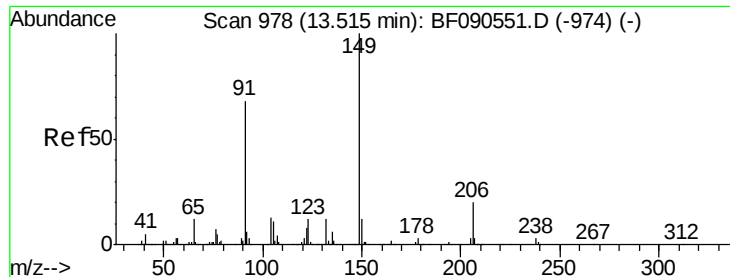
Tgt Ion:202 Resp: 1474503
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.8 26.6
 203 19.0 14.6 21.8



#78
 Terphenyl-d14
 Concen: 66.28 ng
 RT: 13.02 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:244 Resp: 1524952
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.0 7.4#
 122 12.0 5.6 8.4#





#79

Butylbenzylphthalate

Concen: 41.48 ng

RT: 13.49 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

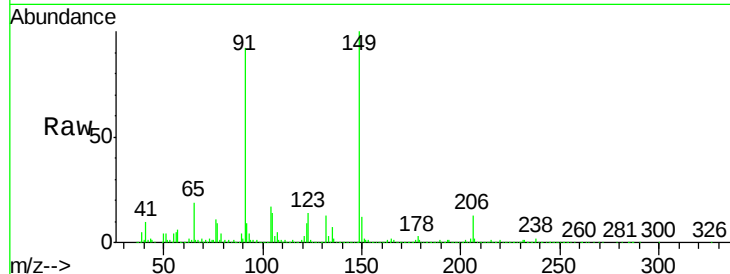
Tgt Ion:149 Resp: 651979

Ion Ratio Lower Upper

149 100

91 91.8 54.3 81.5#

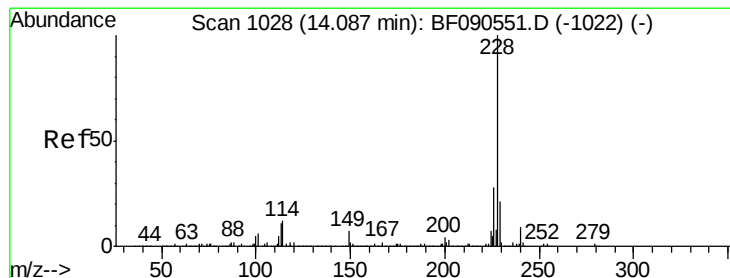
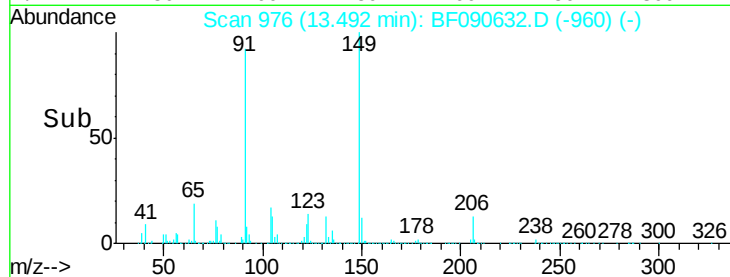
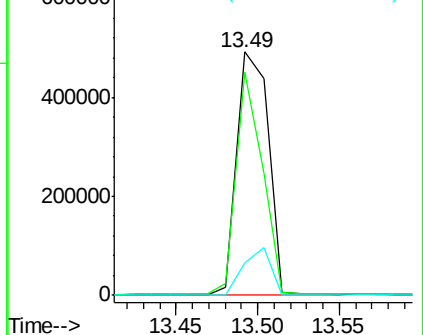
206 13.3 15.8 23.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.02 ng

RT: 14.07 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

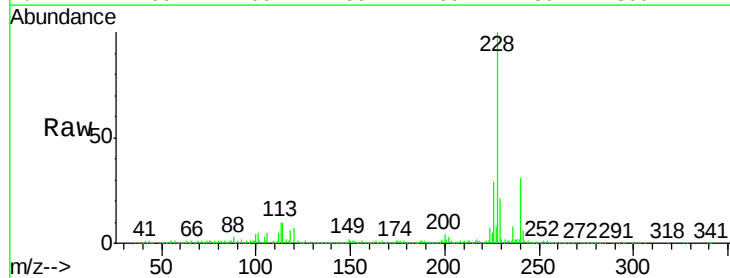
Tgt Ion:228 Resp: 1342426

Ion Ratio Lower Upper

228 100

226 28.9 22.8 34.2

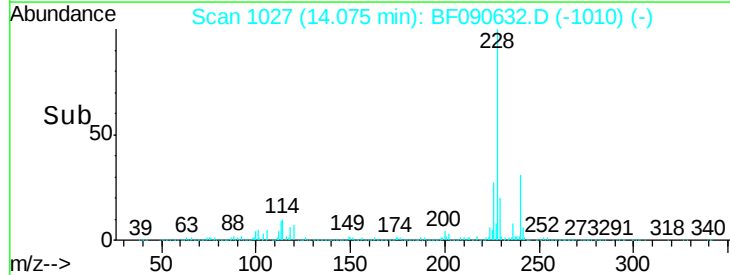
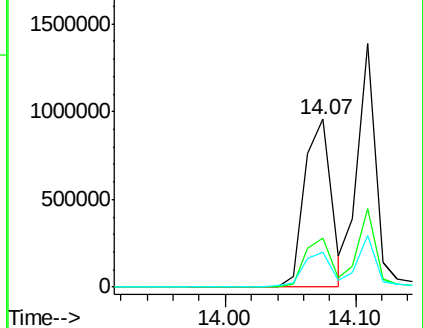
229 20.7 16.6 25.0

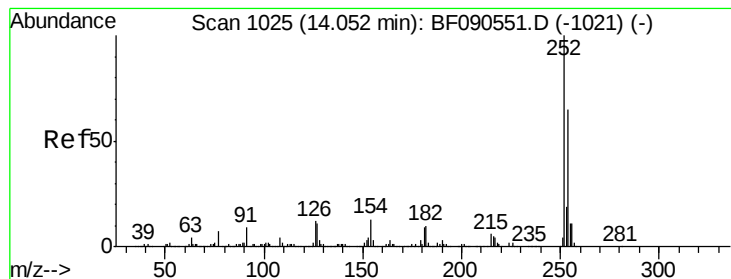


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

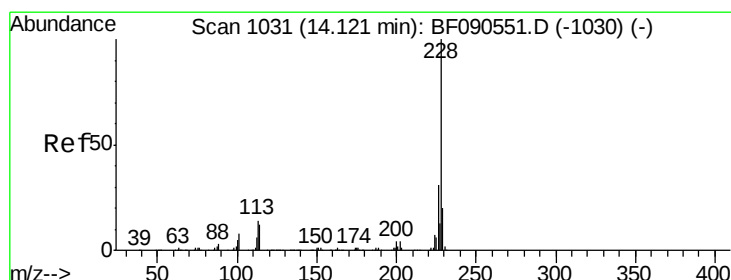
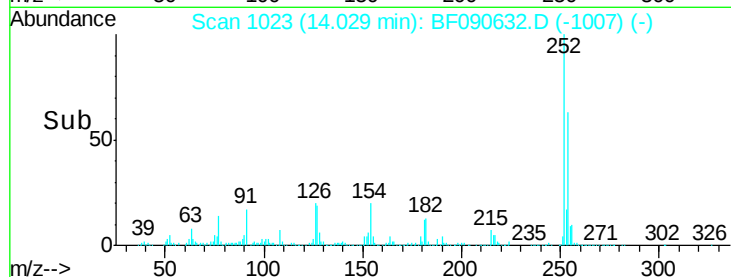
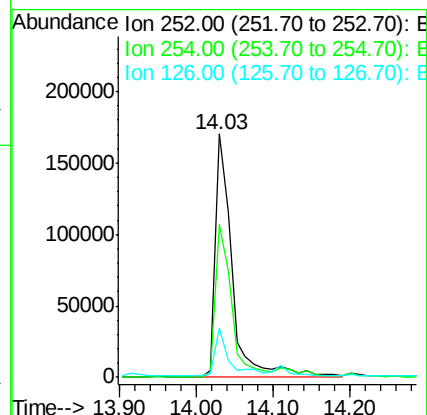
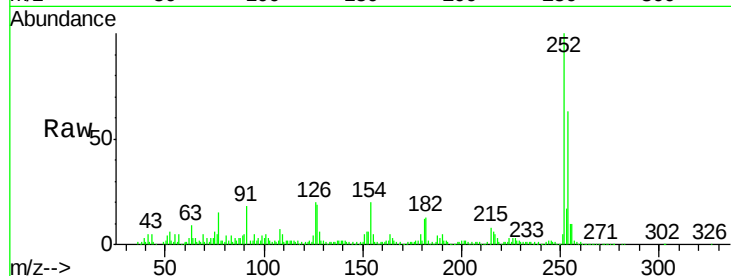




#81
 3,3'-Dichlorobenzidine
 Concen: 24.68 ng
 RT: 14.03 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

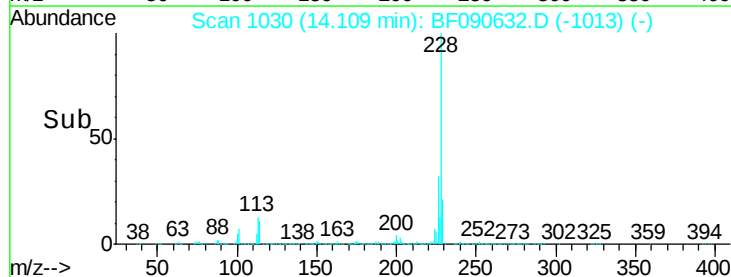
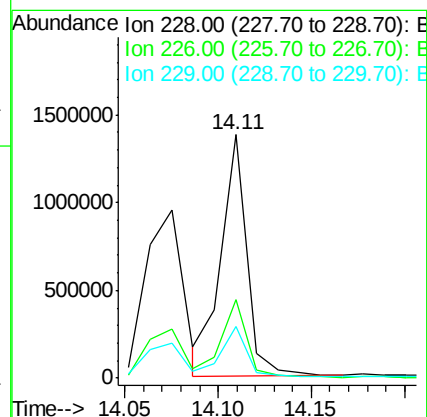
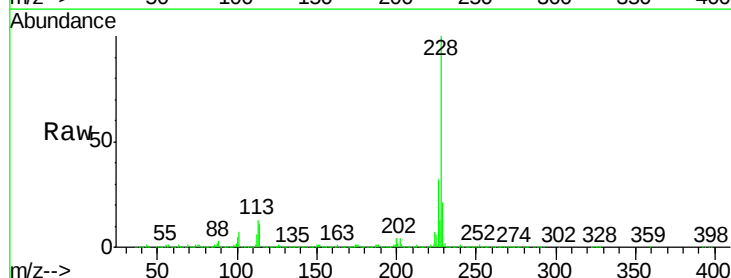
Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

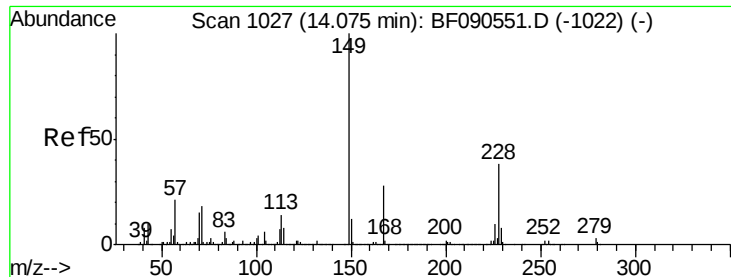
Tgt Ion:252 Resp: 257085
 Ion Ratio Lower Upper
 252 100
 254 62.9 52.1 78.1
 126 20.1 9.3 13.9#



#82
 Chrysene
 Concen: 45.34 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:228 Resp: 1332337
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.8 37.2
 229 21.3 16.2 24.4

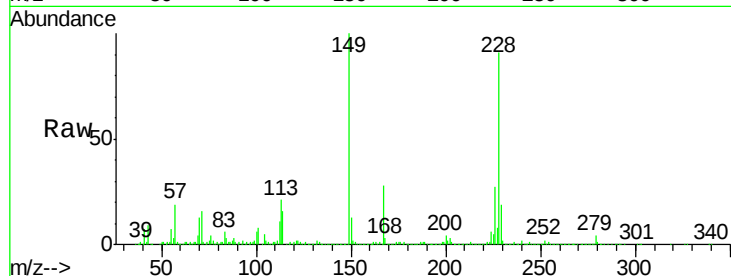




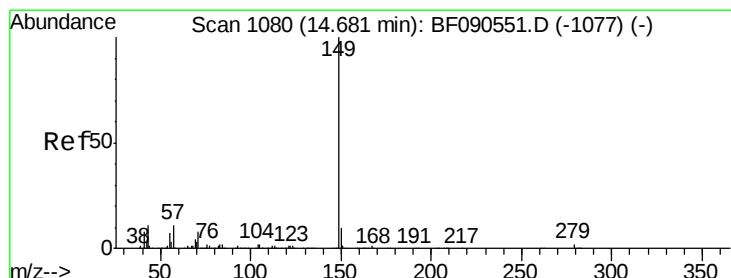
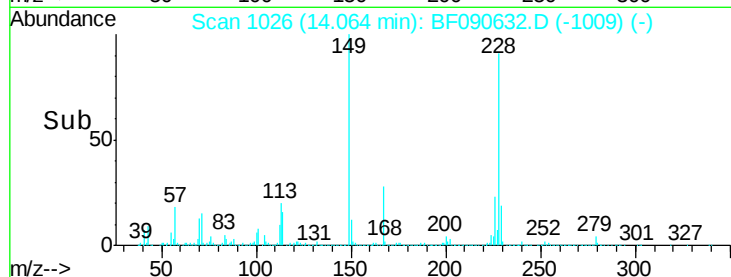
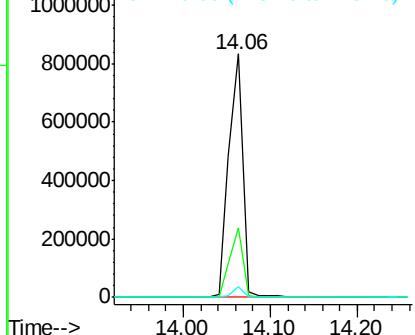
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.77 ng
 RT: 14.06 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-2MS

Tgt Ion:149 Resp: 928248
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.1 33.1
 279 4.3 2.6 4.0#

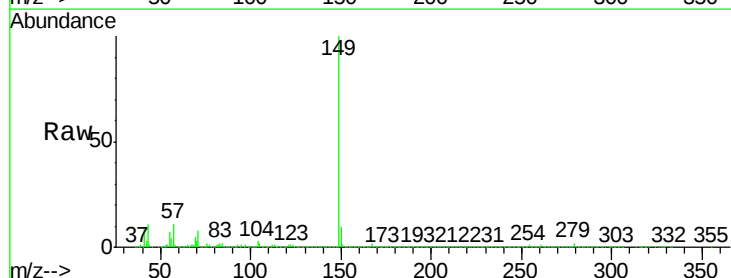


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

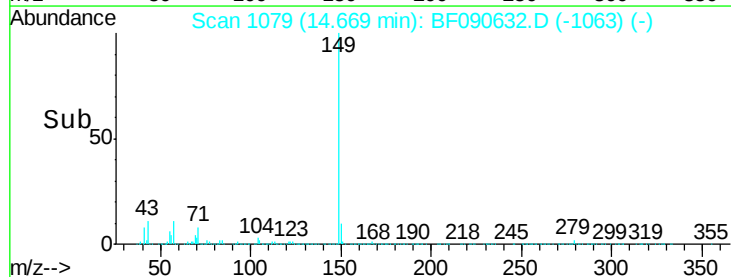
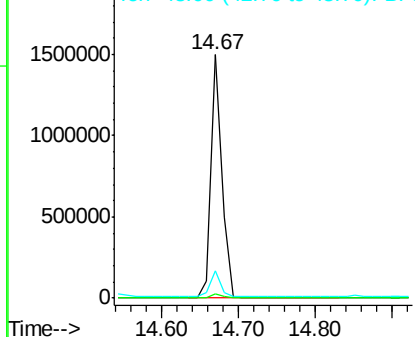


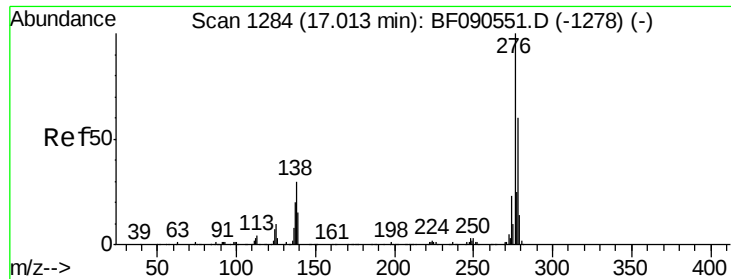
#84
 Di-n-octyl phthalate
 Concen: 51.24 ng
 RT: 14.67 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF090632.D
 Acq: 18 Oct 2016 17:13

Tgt Ion:149 Resp: 1457087
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.5 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.65 ng

RT: 17.00 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

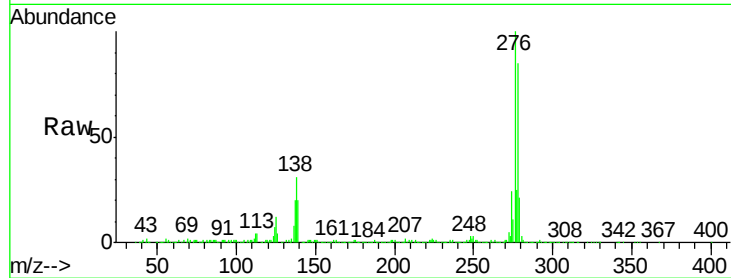
Tgt Ion:276 Resp: 1013329

Ion Ratio Lower Upper

276 100

138 30.6 25.8 38.6

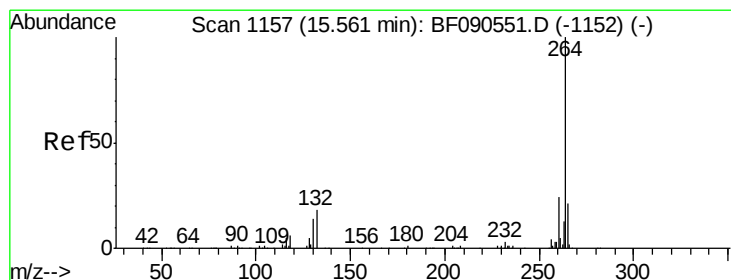
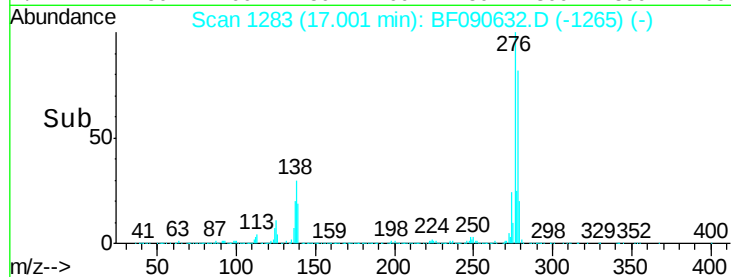
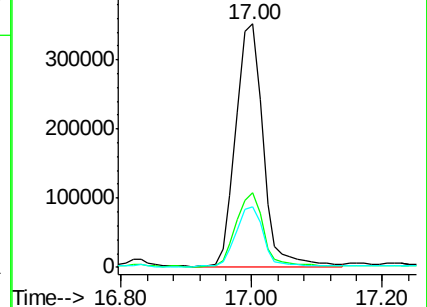
277 24.9 20.1 30.1



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: BF090632.D

Acq: 18 Oct 2016 17:13

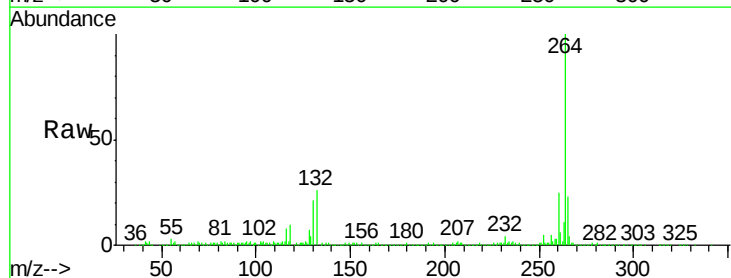
Tgt Ion:264 Resp: 484139

Ion Ratio Lower Upper

264 100

260 24.9 19.3 28.9

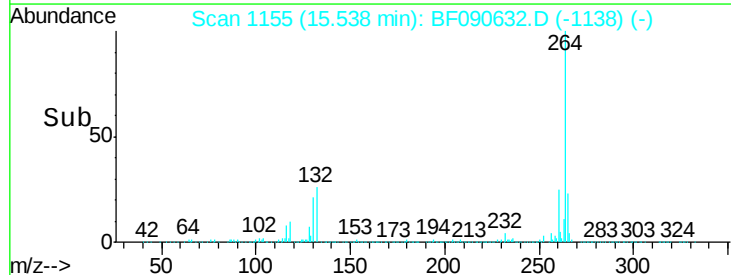
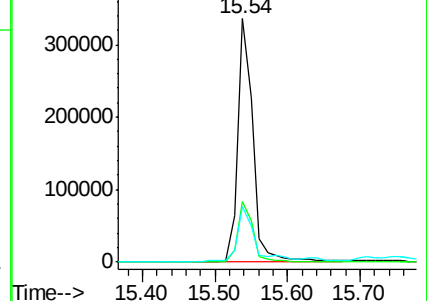
265 22.8 16.7 25.1

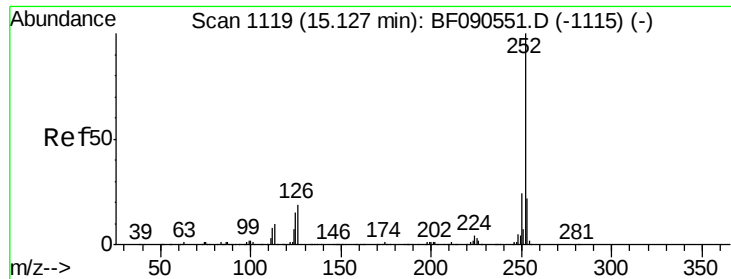


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

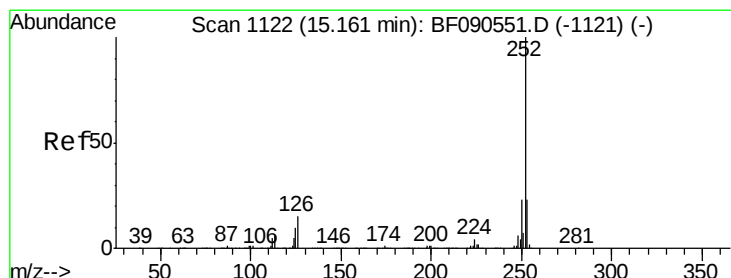
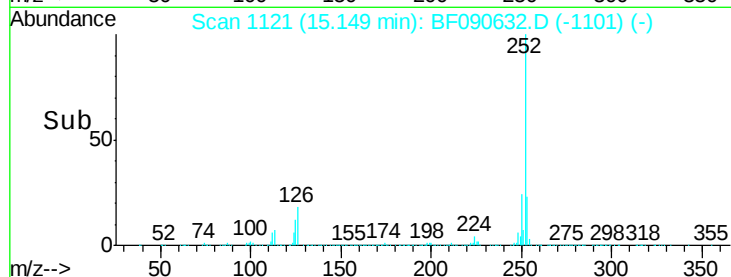
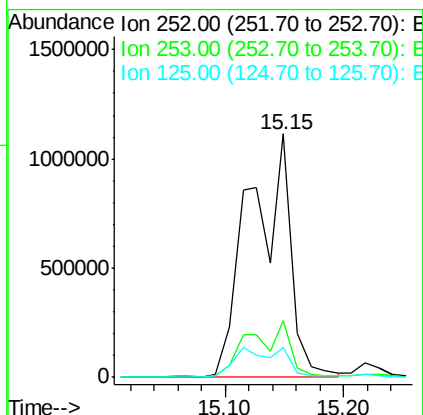
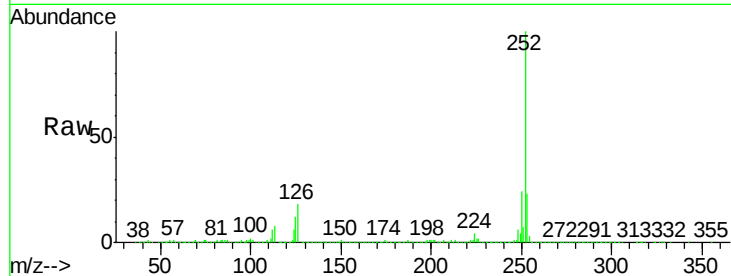




#87
Benzo(b)fluoranthene
Concen: 84.26 ng
RT: 15.15 min Scan# 1121
Delta R.T. 0.03 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

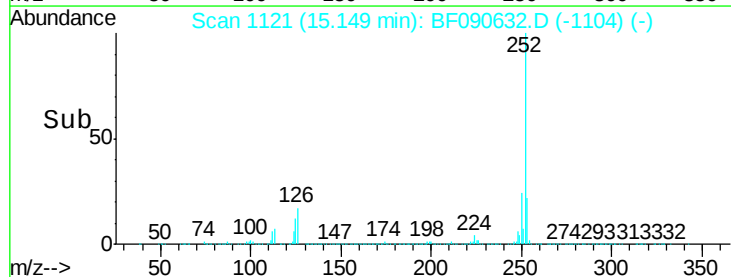
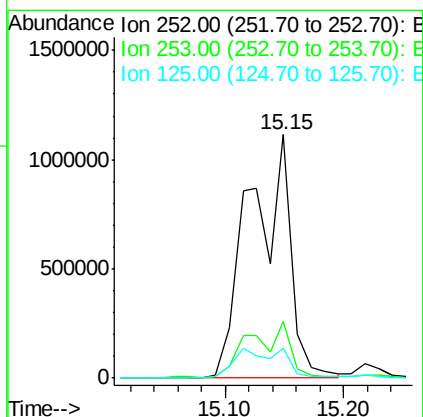
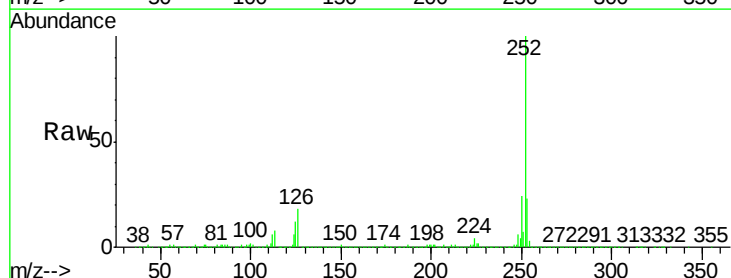
Instrument :
BNA_F
ClientSampleId :
SP-3-2MS

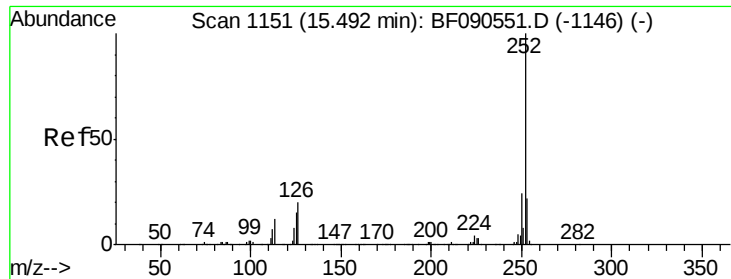
Tgt Ion:252 Resp: 2669507
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.3 12.0 18.0



#88
Benzo(k)fluoranthene
Concen: 78.31 ng
RT: 15.15 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF090632.D
Acq: 18 Oct 2016 17:13

Tgt Ion:252 Resp: 2669507
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.3 10.0 15.0





#89

Benzo(a)pyrene

Concen: 38.33 ng

RT: 15.48 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS

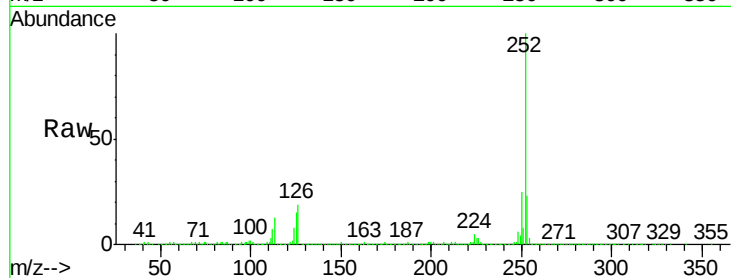
Tgt Ion:252 Resp: 1111825

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

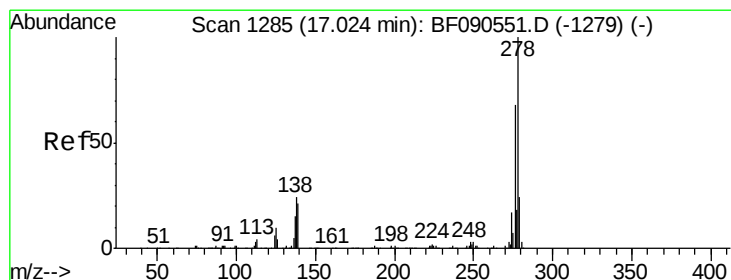
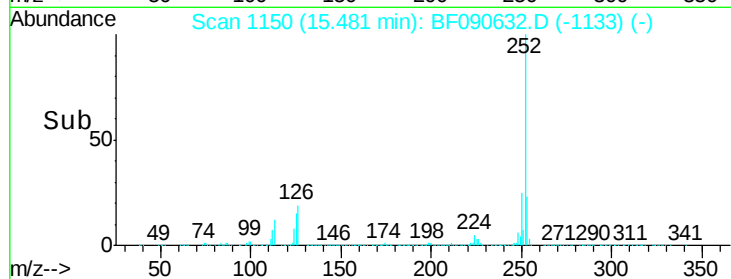
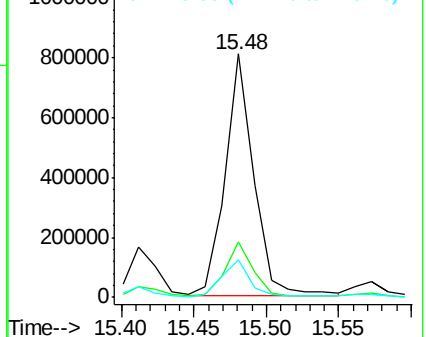
125 15.5 12.3 18.5



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: 37.16 ng

RT: 17.01 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF090632.D

Acq: 18 Oct 2016 17:13

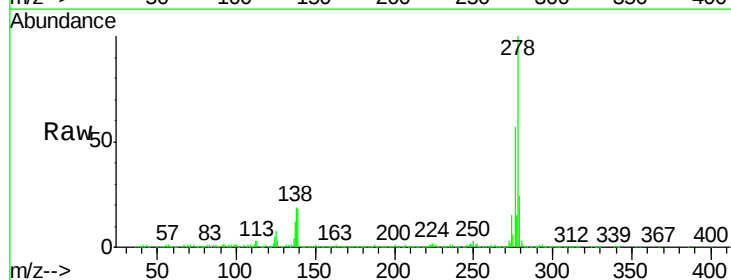
Tgt Ion:278 Resp: 821815

Ion Ratio Lower Upper

278 100

139 17.9 16.6 25.0

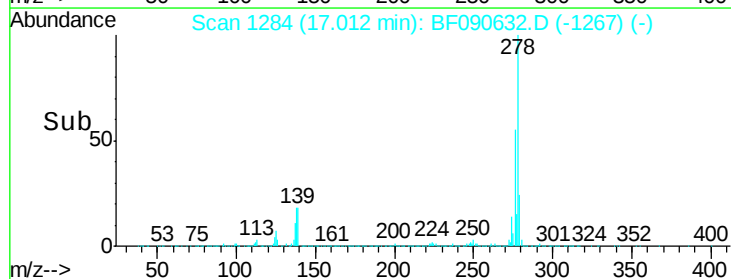
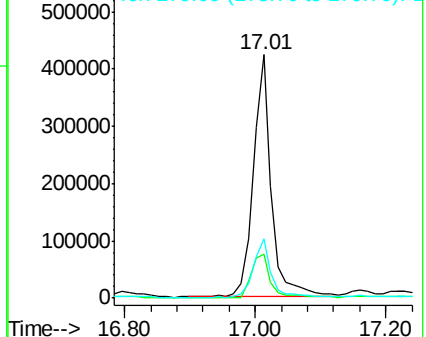
279 24.5 19.1 28.7

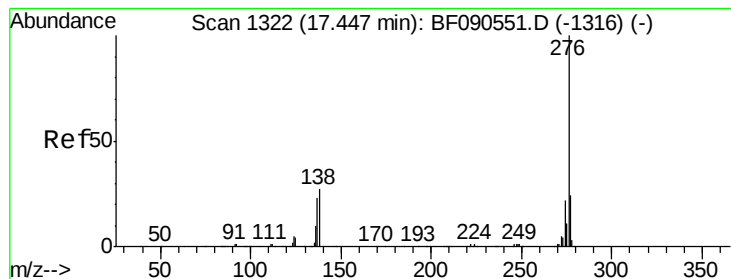


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.32 ng

RT: 17.44 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF090632.D

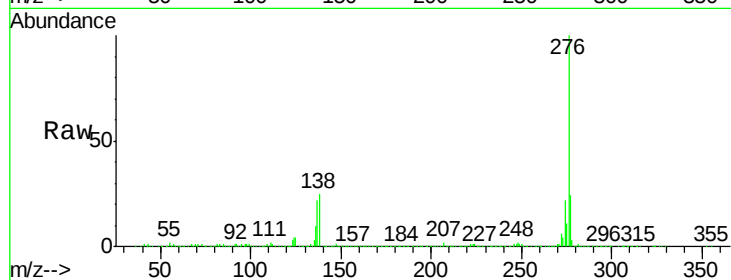
Acq: 18 Oct 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SP-3-2MS



Tgt Ion:	276	Resp:	765997
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	25.5	21.8	32.8

