

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089325.D
 Acq On : 27 Jul 2016 12:22
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 13:02:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43291	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	180838	20.00	ng	0.01
38) Acenaphthene-d10	9.58	164	84595	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	160567	20.00	ng	0.00
75) Chrysene-d12	13.67	240	101159	20.00	ng	0.00
86) Perylene-d12	15.01	264	80897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	447603	158.06	ng	0.01
7) Phenol-d6	6.22	99	535037	145.56	ng	0.01
23) Nitrobenzene-d5	7.13	82	500206	148.03	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	116313	152.55	ng	0.01
44) 2-Fluorobiphenyl	8.91	172	823871	135.88	ng	0.00
78) Terphenyl-d14	12.64	244	765626	164.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	94376	77.52	ng	99
3) Pyridine	2.56	79	221968	71.68	ng	99
4) n-Nitrosodimethylamine	2.55	42	93654	73.75	ng	97
6) Aniline	6.22	93	315014	65.02	ng	93
8) 2-Chlorophenol	6.33	128	235031	74.12	ng	86
9) Benzaldehyde	6.09	77	141111	73.03	ng	96
10) Phenol	6.23	94	297025	70.58	ng	99
11) bis(2-Chloroethyl)ether	6.30	93	235615	74.17	ng	92
12) 1,3-Dichlorobenzene	6.56	146	245985	70.64	ng	95
13) 1,4-Dichlorobenzene	6.56	146	262340	73.98	ng	97
14) 1,2-Dichlorobenzene	6.72	146	257673	78.29	ng	96
15) Benzyl Alcohol	6.71	79	175275	67.13	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	272592	74.99	ng	87
17) 2-Methylphenol	6.83	107	180984	73.59	ng	95
18) Hexachloroethane	7.05	117	96835	72.89	ng	96
19) n-Nitroso-di-n-propylamine	6.99	70	171415	72.65	ng	94
20) 3+4-Methylphenols	6.99	107	228923	68.61	ng	88
22) Acetophenone	6.98	105	355126	74.81	ng	99
24) Nitrobenzene	7.15	77	262416	73.89	ng	93
25) Isophorone	7.39	82	488332	78.29	ng	100
26) 2-Nitrophenol	7.46	139	133270	80.29	ng	97
27) 2,4-Dimethylphenol	7.52	122	212963	76.13	ng	97
28) bis(2-Chloroethoxy)methane	7.61	93	281373	73.49	ng	97
29) 2,4-Dichlorophenol	7.71	162	179759	71.15	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	213264	76.57	ng	97
31) Naphthalene	7.86	128	672141	69.47	ng	100
32) Benzoic acid	7.71	122	143765	69.27	ng	95
33) 4-Chloroaniline	7.92	127	278264	69.70	ng	96
34) Hexachlorobutadiene	7.98	225	111246	71.49	ng	100
35) Caprolactam	8.33	113	55401	71.41	ng	98
36) 4-Chloro-3-methylphenol	8.42	107	231614	76.07	ng	99
37) 2-Methylnaphthalene	8.55	142	446212	73.59	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	242545	77.80	ng	99
40) Hexachlorocyclopentadiene	8.70	237	69048	84.77	ng	98

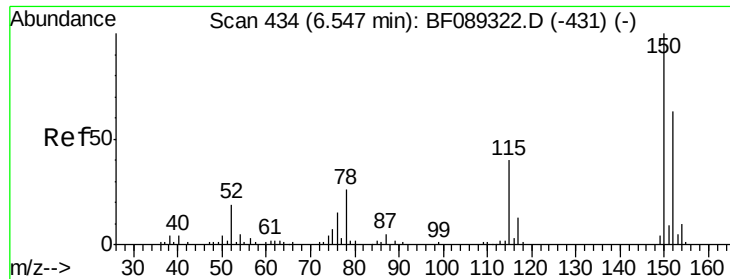
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089325.D
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 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	120088	70.43	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	144997	83.08	nq #	91
45) 1,1'-Biphenyl	9.02	154	580241	76.69	nq	97
46) 2-Chloronaphthalene	9.04	162	431234	75.02	nq	93
47) 2-Nitroaniline	9.14	65	137189	70.71	nq #	84
48) Acenaphthylene	9.44	152	632832	69.56	nq	99
49) Dimethylphthalate	9.34	163	521415	81.05	nq	100
50) 2,6-Dinitrotoluene	9.39	165	118370	81.97	nq	89
51) Acenaphthene	9.61	154	370112	69.18	nq	100
52) 3-Nitroaniline	9.56	138	112677	67.13	nq	95
53) 2,4-Dinitrophenol	9.67	184	48071	86.71	nq	93
54) Dibenzofuran	9.78	168	497067	68.97	nq	96
55) 4-Nitrophenol	9.78	139	283721	292.37	nq #	9
56) 2,4-Dinitrotoluene	9.79	165	141731	75.64	nq #	84
57) Fluorene	10.12	166	412029	68.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	93904	74.69	nq	95
59) Diethylphthalate	10.02	149	486763	75.91	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	213923	76.58	nq #	90
61) 4-Nitroaniline	10.18	138	112117	67.28	nq	90
62) Azobenzene	10.28	77	525977	75.59	nq	90
64) 4,6-Dinitro-2-methylphenol	10.20	198	81054	87.96	nq	94
65) n-Nitrosodiphenylamine	10.25	169	401246	74.87	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	120204	75.53	nq #	78
67) Hexachlorobenzene	10.67	284	131604	77.89	nq #	77
68) Atrazine	10.79	200	127942	76.62	nq	98
69) Pentachlorophenol	10.87	266	60586	80.07	nq	98
70) Phenanthrene	11.07	178	593937	67.08	nq	99
71) Anthracene	11.13	178	704970	77.54	nq	99
72) Carbazole	11.29	167	580833	73.58	nq	98
73) Di-n-butylphthalate	11.63	149	859704	85.60	nq	99
74) Fluoranthene	12.25	202	617794	66.24	nq	95
76) Benzidine	12.39	184	304568	86.94	nq	96
77) Pyrene	12.48	202	657362	80.44	nq	99
79) Butylbenzylphthalate	13.11	149	291807	82.42	nq	90
80) Benzo(a)anthracene	13.66	228	460408	72.34	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	163126	78.06	nq #	97
82) Chrysene	13.70	228	496421	82.30	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	443899	93.91	nq #	94
84) Di-n-octyl phthalate	14.29	149	671851	87.10	nq	99
85) Indeno(1,2,3-cd)pyrene	16.22	276	368364	83.74	nq	99
87) Benzo(b)fluoranthene	14.69	252	764610	137.60	nq #	97
88) Benzo(k)fluoranthene	14.69	252	765393	173.12	nq #	95
89) Benzo(a)pyrene	14.96	252	354664	77.96	nq #	95
90) Dibenzo(a,h)anthracene	16.22	278	303631	84.66	nq	99
91) Benzo(g,h,i)perylene	16.57	276	304831	84.40	nq	94

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

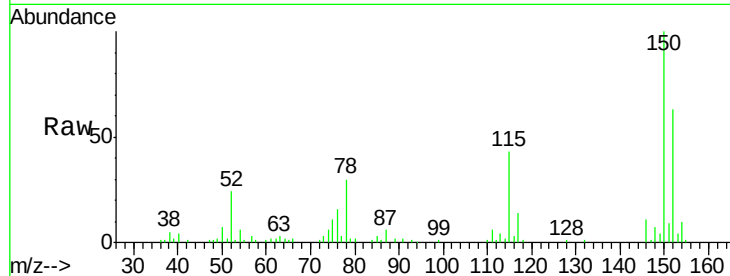


#1

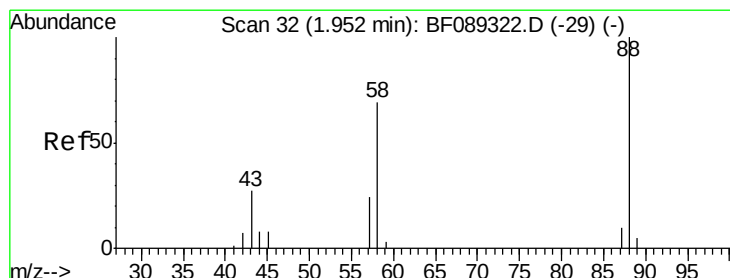
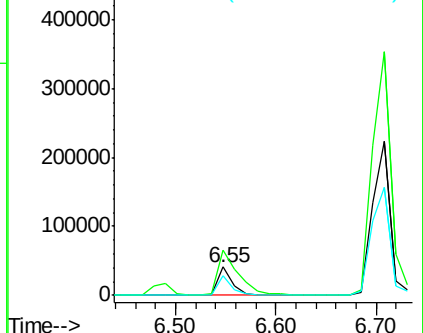
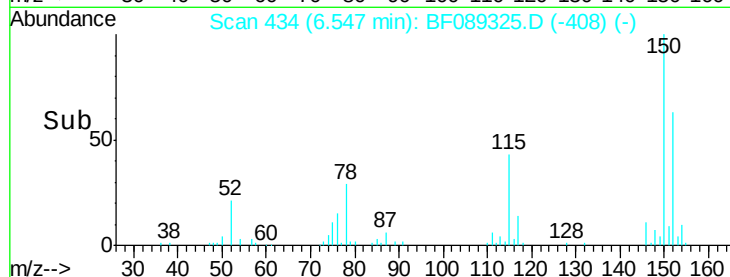
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43291
Ion Ratio Lower Upper
152 100
150 160.0 129.5 194.3
115 69.5 51.4 77.2



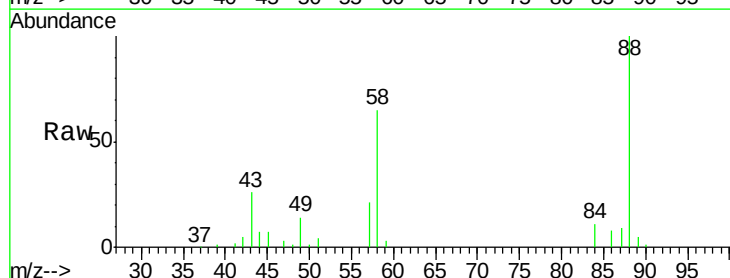
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



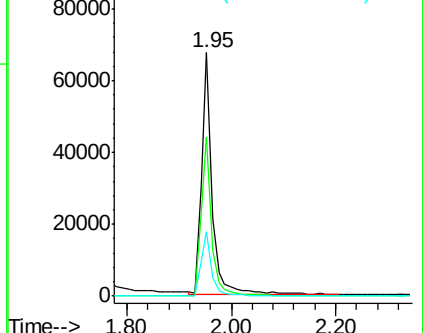
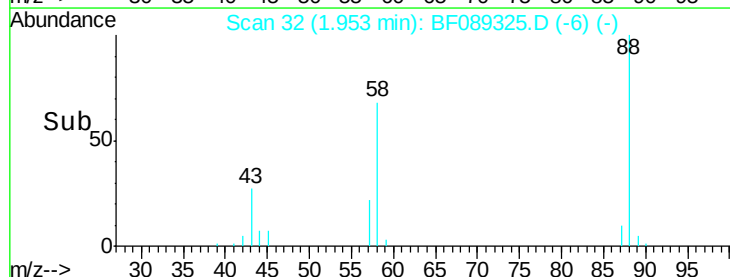
#2

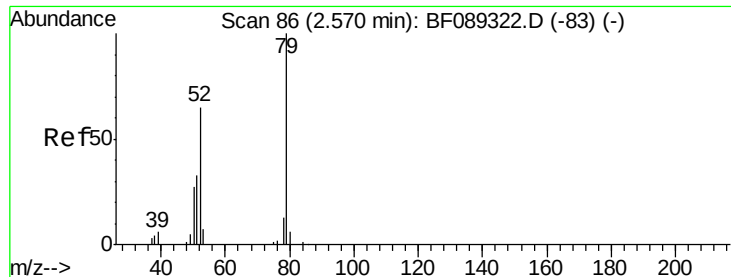
1,4-Dioxane
Concen: 77.52 ng
RT: 1.95 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion: 88 Resp: 94376
Ion Ratio Lower Upper
88 100
58 65.8 53.2 79.8
43 26.3 20.6 31.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 71.68 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

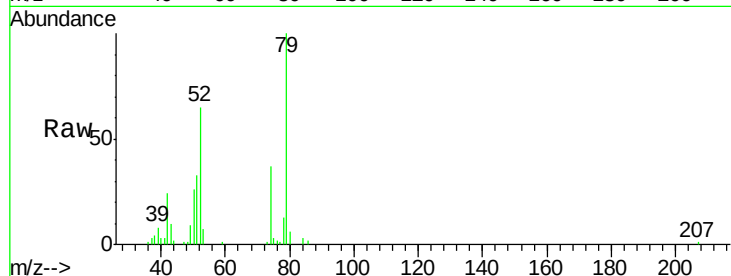
Tot Ion: 79 Resp: 221968

Ion Ratio Lower Upper

79 100

52 65.2 51.9 77.9

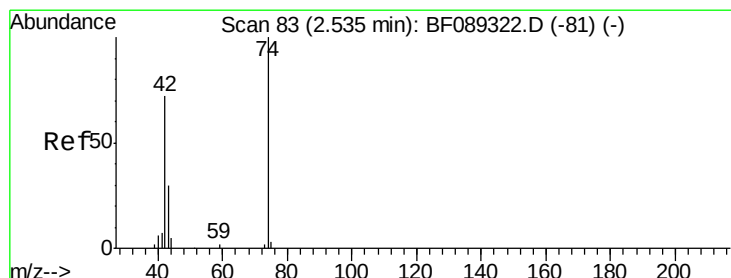
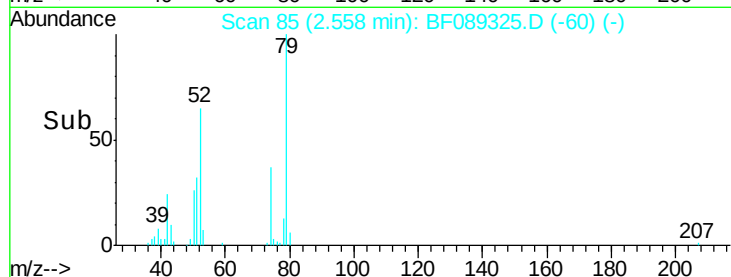
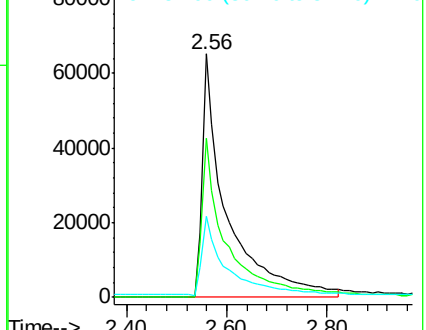
51 33.5 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 73.75 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

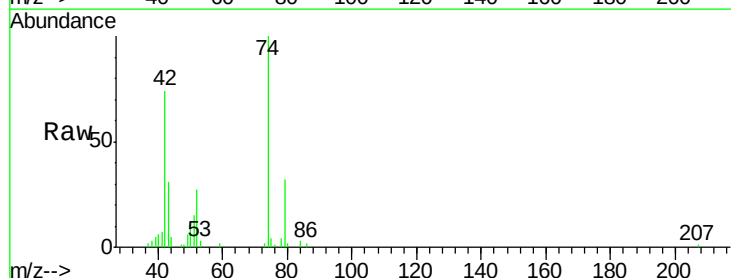
Tgt Ion: 42 Resp: 93654

Ion Ratio Lower Upper

42 100

74 134.4 110.8 166.2

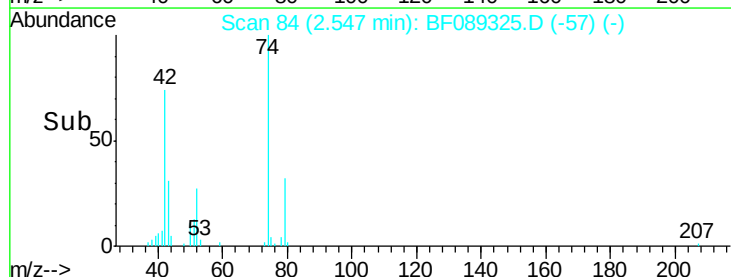
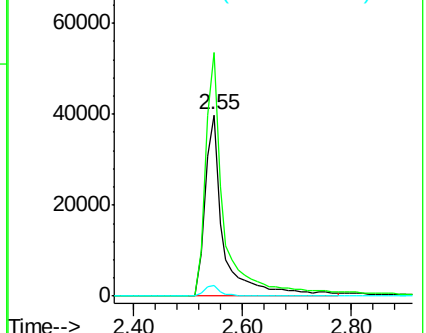
44 6.2 5.2 7.8

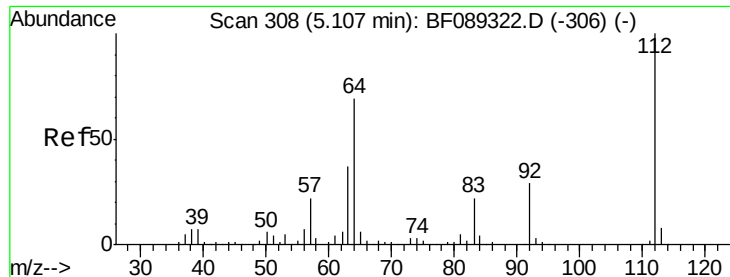


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 158.06 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

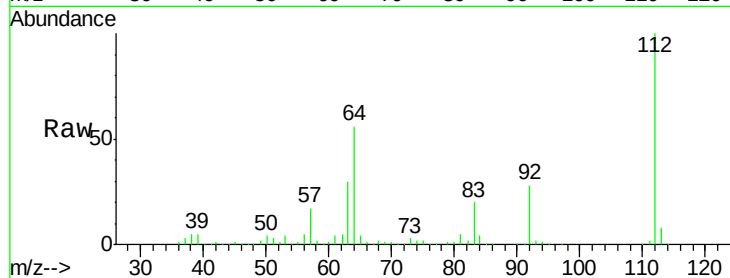
Tot Ion:112 Resp: 447603

Ion Ratio Lower Upper

112 100

64 55.5 55.0 82.6

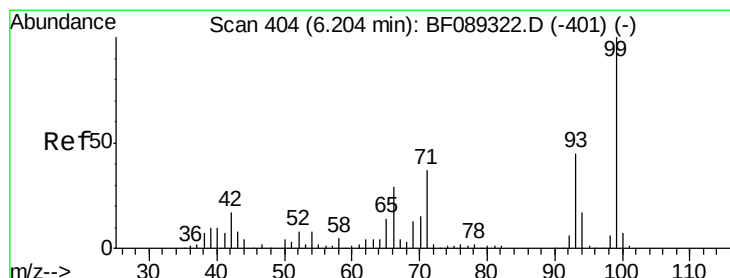
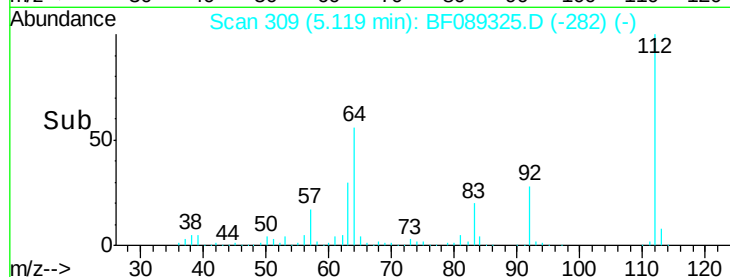
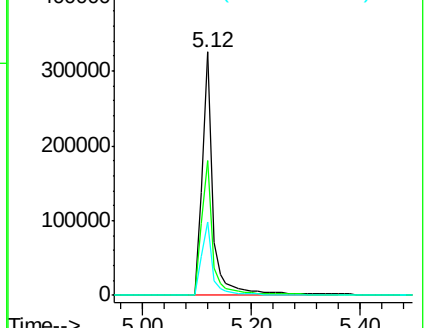
63 30.2 29.4 44.2



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: 65.02 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

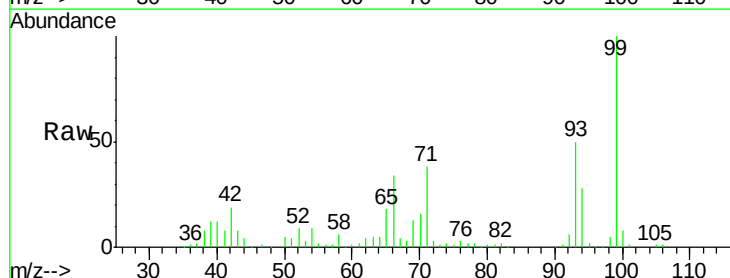
Tgt Ion: 93 Resp: 315014

Ion Ratio Lower Upper

93 100

66 69.0 51.6 77.4

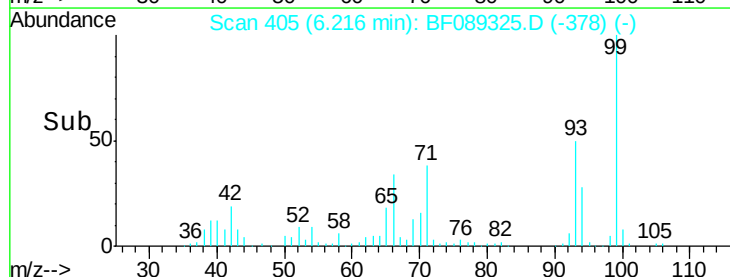
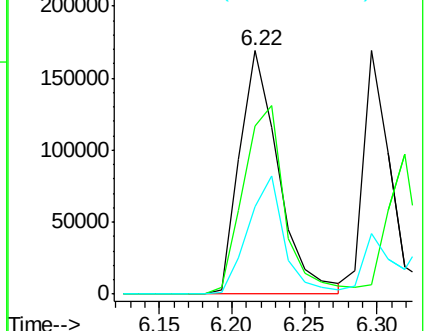
65 35.7 24.7 37.1

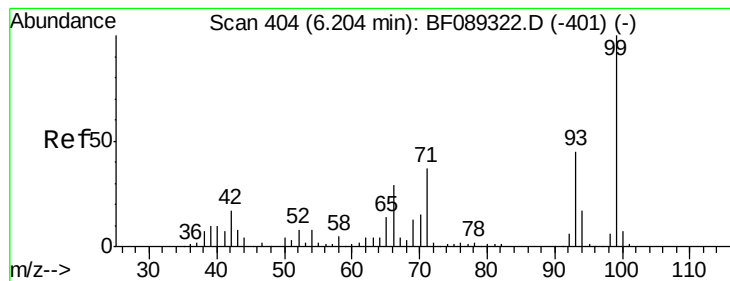


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.56 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

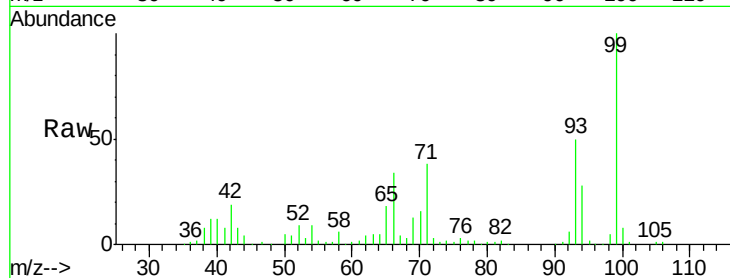
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 535037

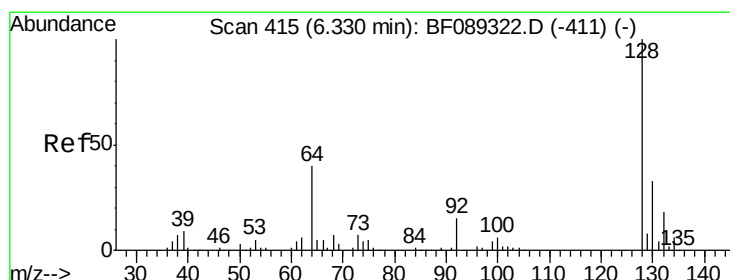
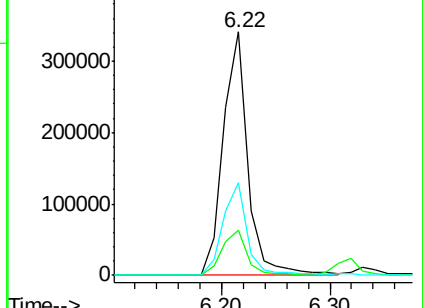
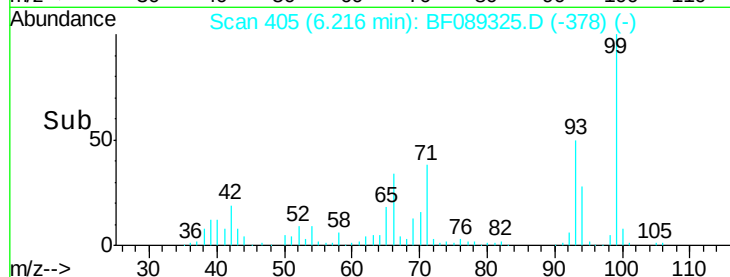
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.6	20.4
71	37.8	29.4	44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 74.12 ng

RT: 6.33 min Scan# 415

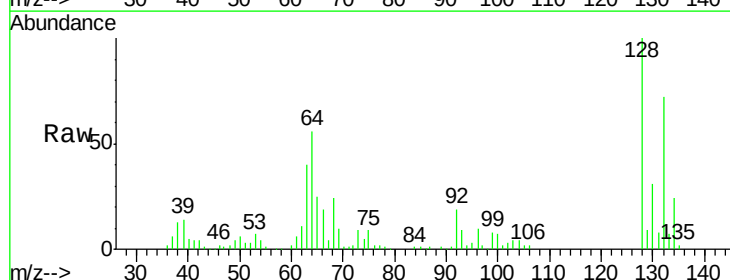
Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion: 128 Resp: 235031

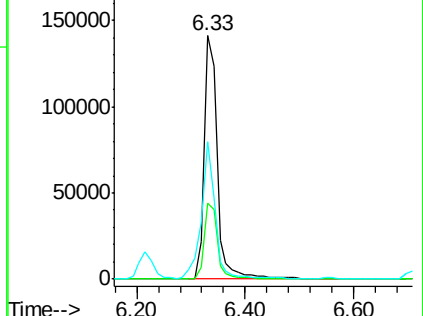
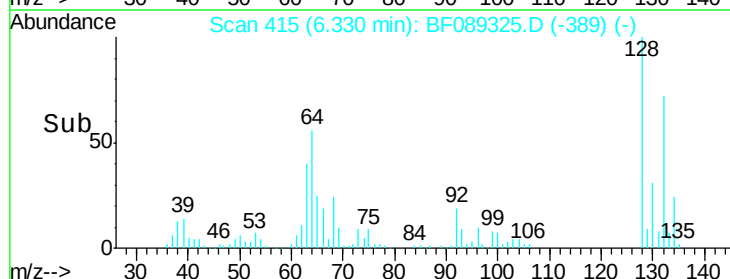
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.6	52.6
64	56.3	22.1	62.1

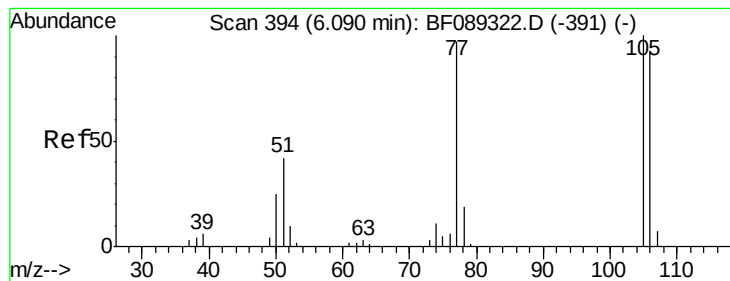


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 73.03 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

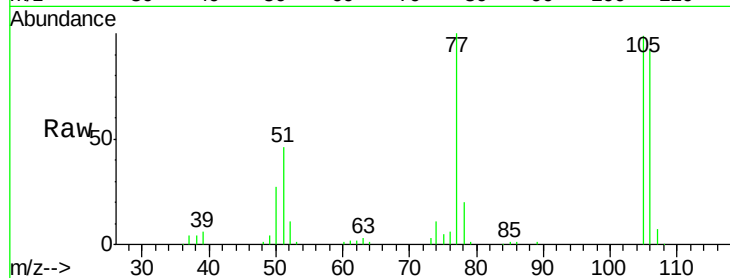
Tot Ion: 77 Resp: 141111

Ion Ratio Lower Upper

77 100

105 99.2 82.9 122.9

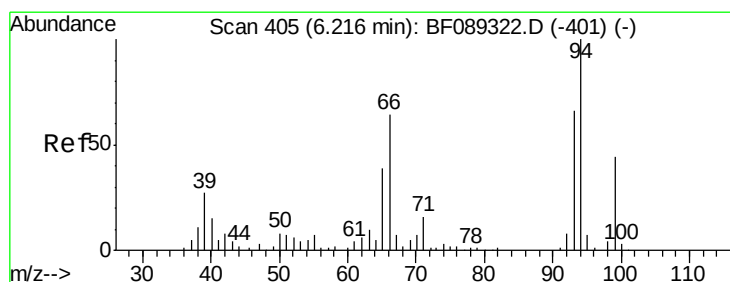
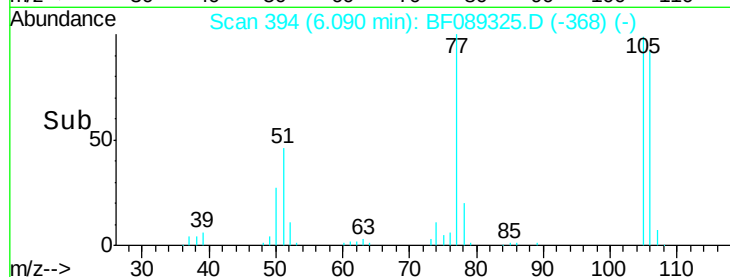
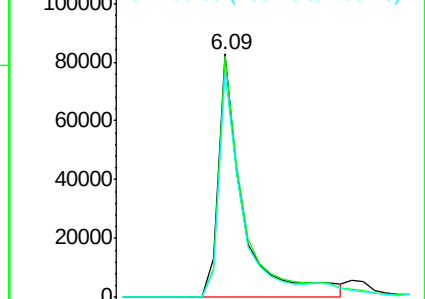
106 92.4 75.9 115.9



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: 70.58 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

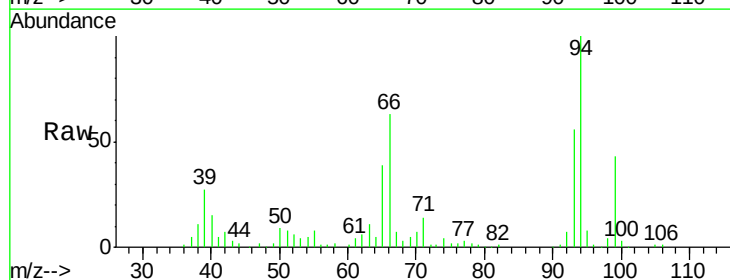
Tgt Ion: 94 Resp: 297025

Ion Ratio Lower Upper

94 100

65 39.3 19.1 59.1

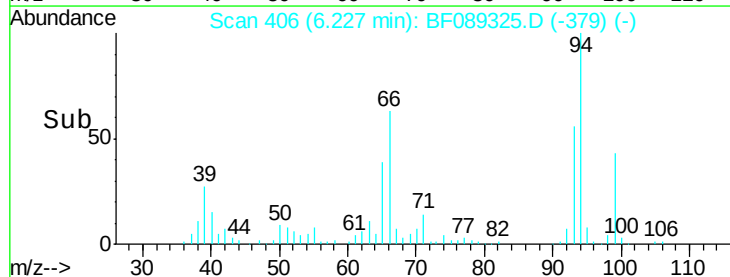
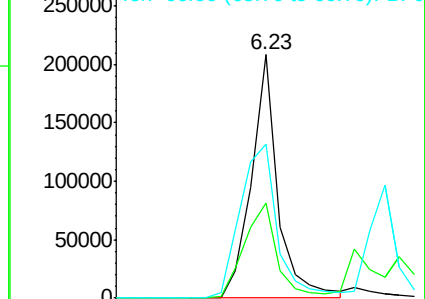
66 63.0 44.4 84.4

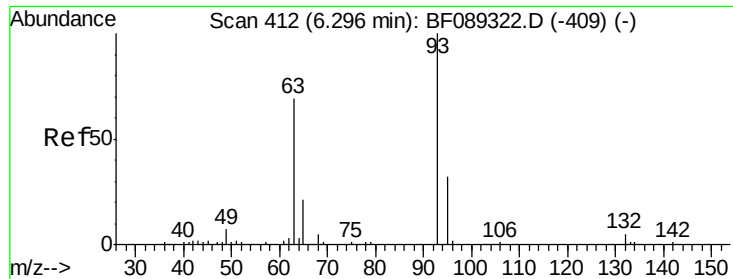


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 74.17 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

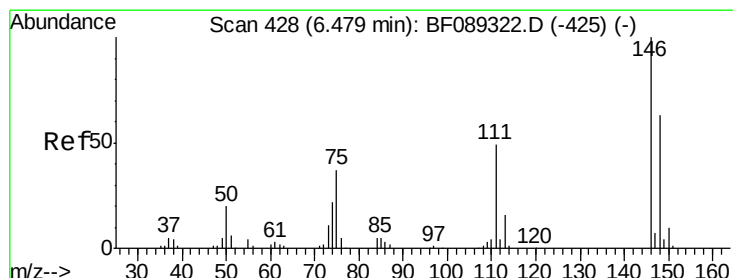
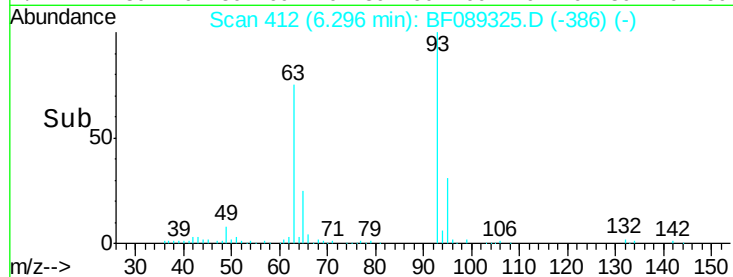
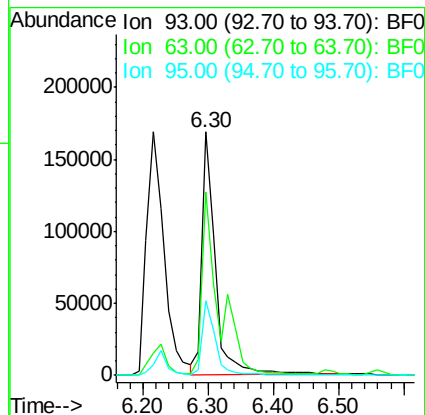
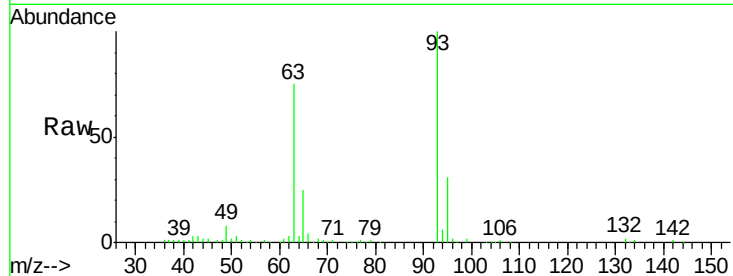
Tot Ion: 93 Resp: 235615

Ion Ratio Lower Upper

93 100

63 75.2 45.6 85.6

95 30.8 11.1 51.1



#12

1,3-Dichlorobenzene

Concen: 70.64 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.08 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

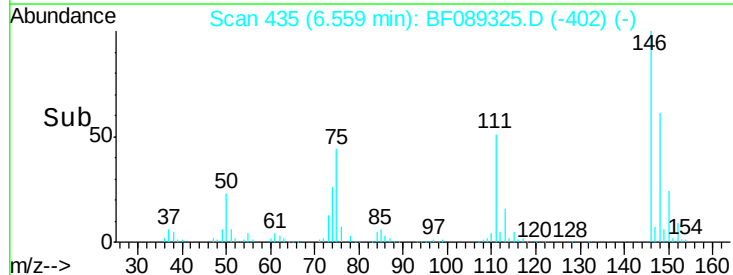
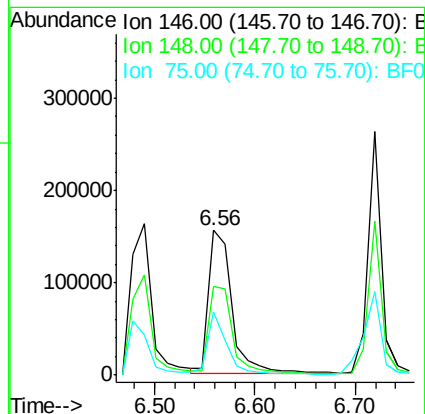
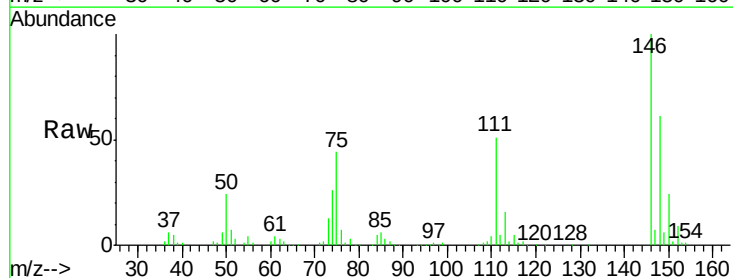
Tgt Ion: 146 Resp: 245985

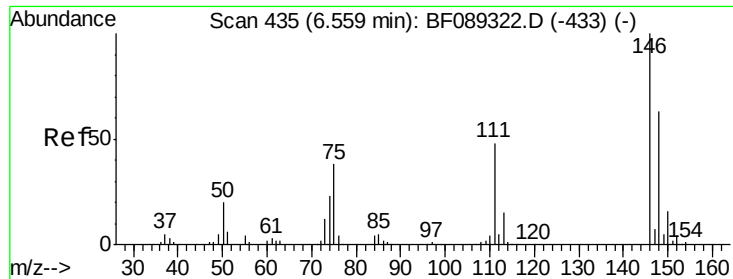
Ion Ratio Lower Upper

146 100

148 61.4 50.5 75.7

75 43.9 30.0 45.0

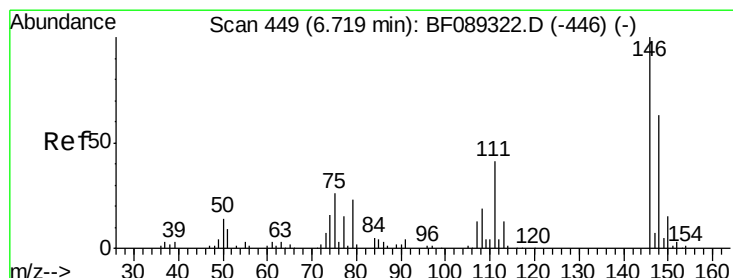
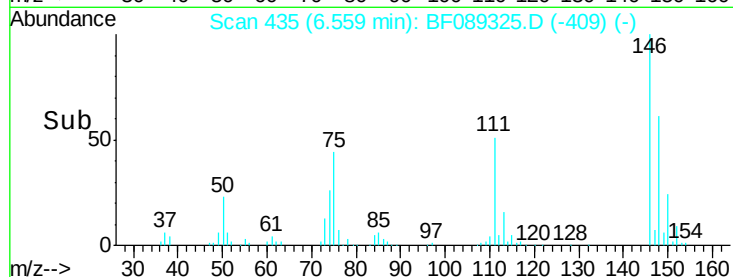
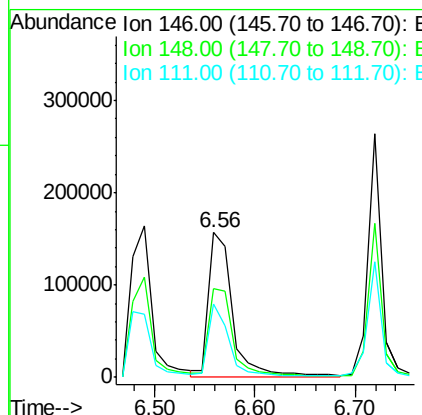
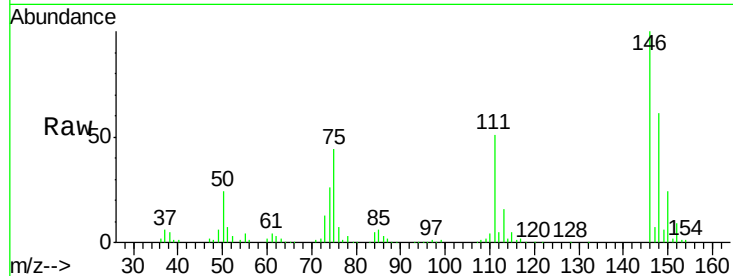




#13
 1,4-Dichlorobenzene
 Concen: 73.98 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

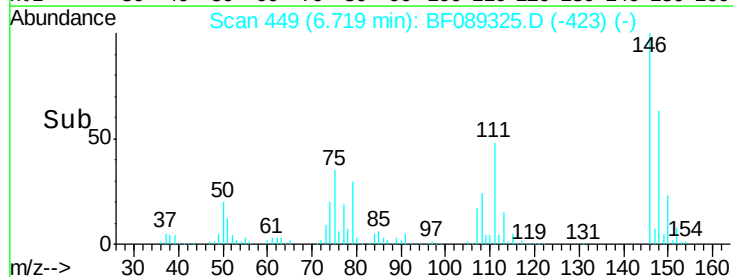
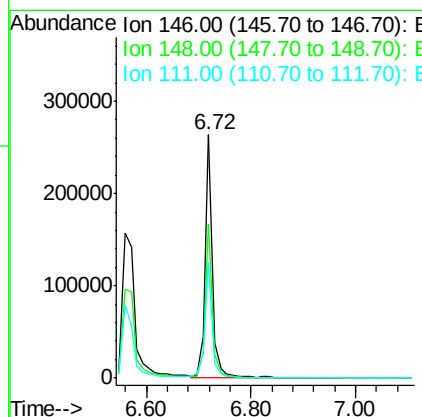
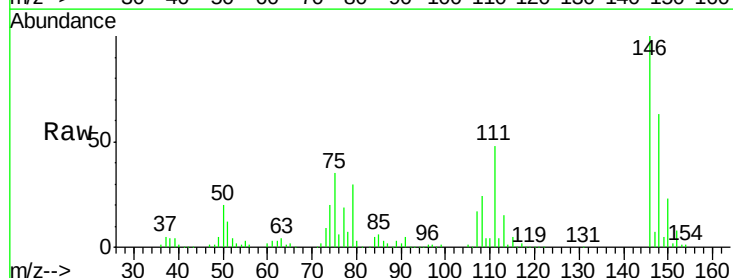
Instrument :
 BNA_F
 ClientSampleId :

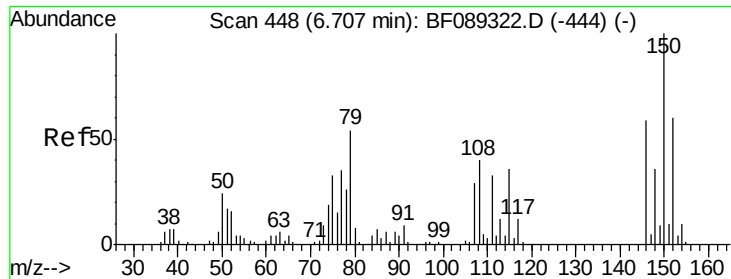
Tot Ion:146 Resp: 262340
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.8 76.2
 111 51.2 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 78.29 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:146 Resp: 257673
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 47.7 33.0 49.4

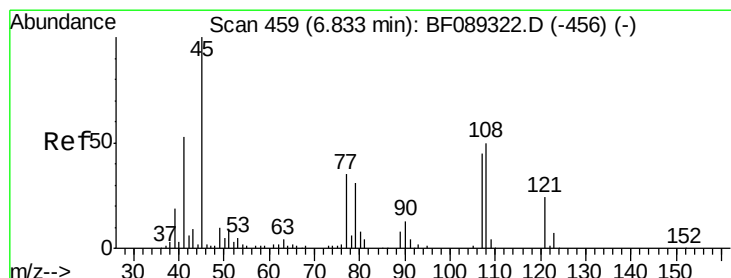
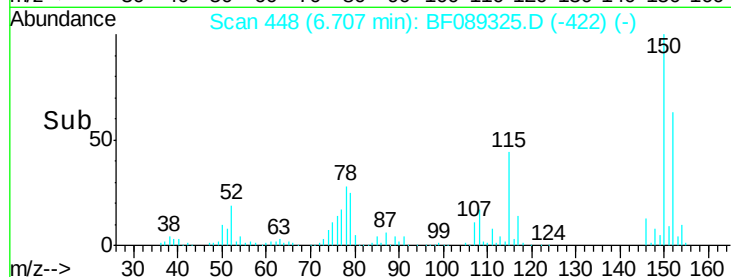
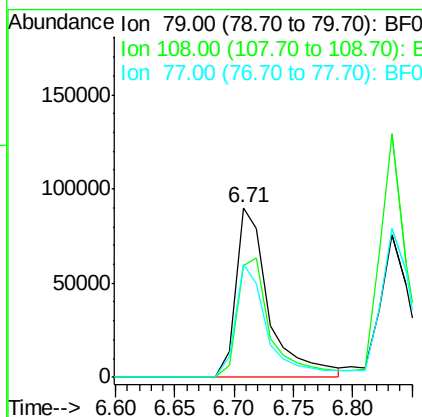
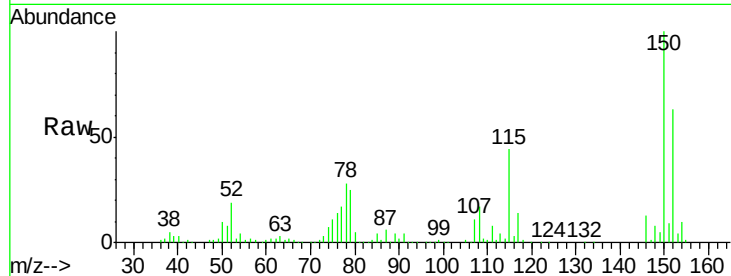




#15
Benzyl Alcohol
Concen: 67.13 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

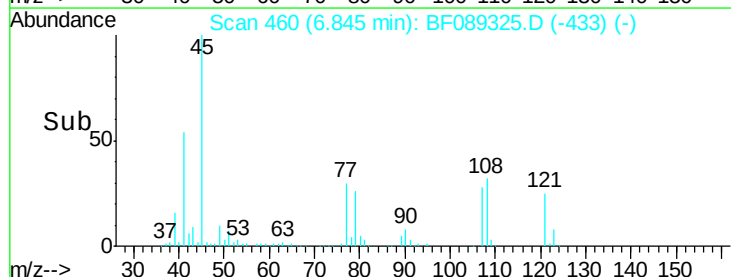
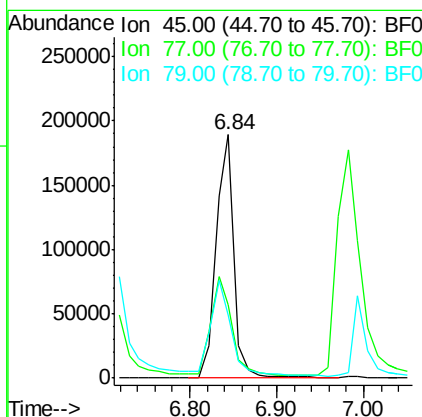
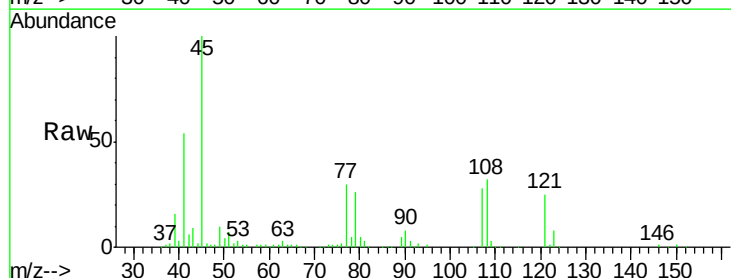
Instrument :
BNA_F
ClientSampleId :

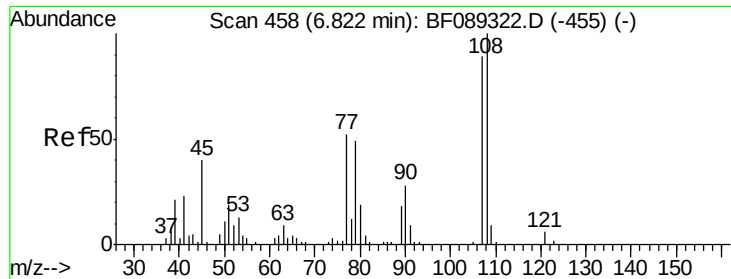
Tot Ion: 79 Resp: 175275
Ion Ratio Lower Upper
79 100
108 65.7 59.8 89.6
77 66.5 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.99 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion: 45 Resp: 272592
Ion Ratio Lower Upper
45 100
77 30.0 17.3 57.3
79 26.1 13.9 53.9





#17

2-Methylphenol

Concen: 73.59 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 180984

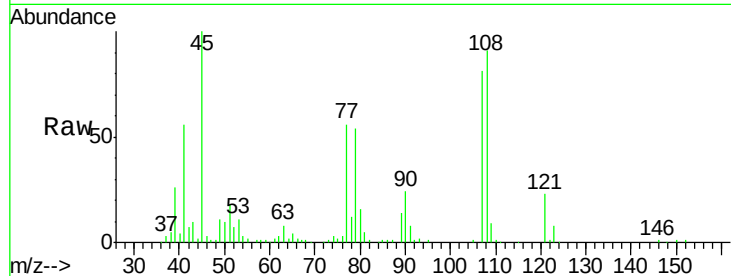
Ion Ratio Lower Upper

107 100

108 112.5 91.4 137.0

77 69.0 48.6 73.0

79 65.9 48.2 72.4

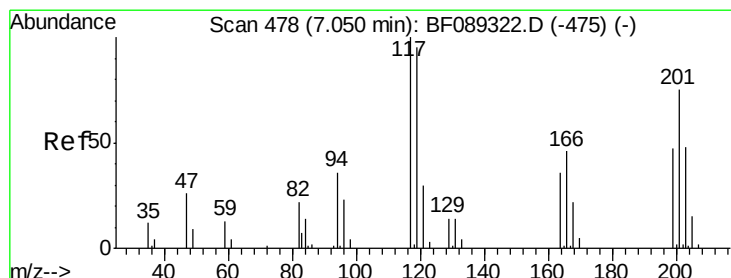
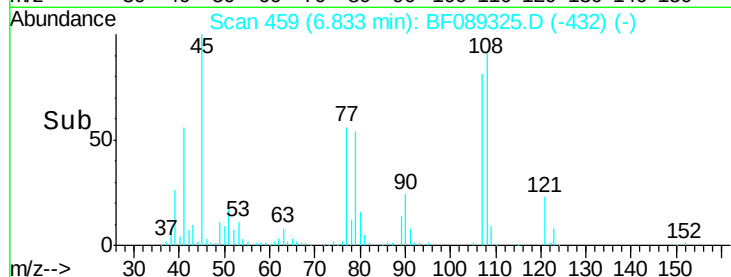
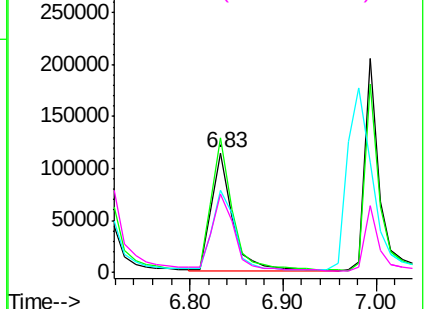


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 72.89 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

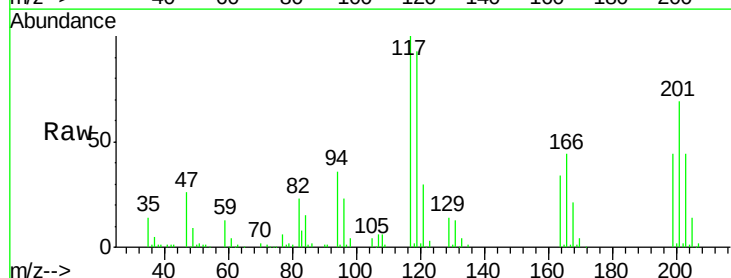
Tgt Ion:117 Resp: 96835

Ion Ratio Lower Upper

117 100

119 93.1 76.0 114.0

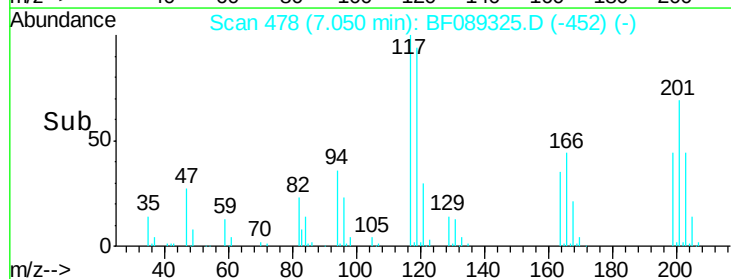
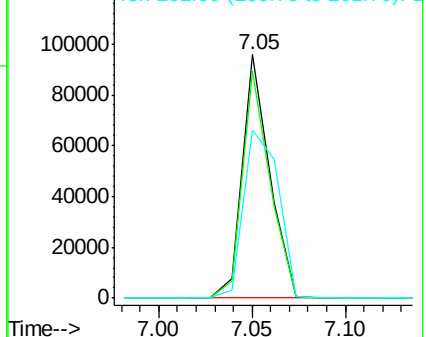
201 69.0 60.0 90.0

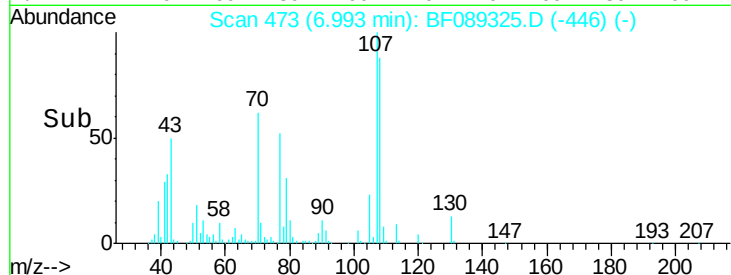
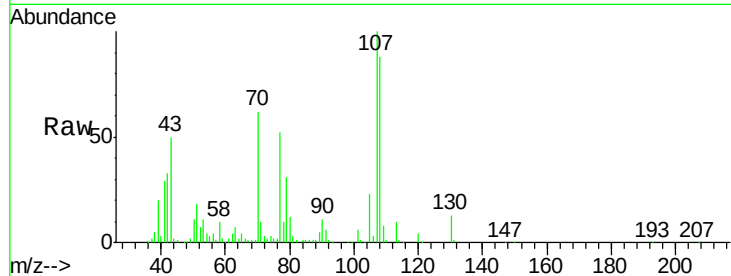
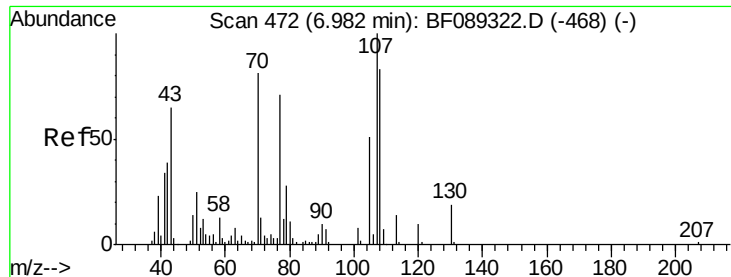


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

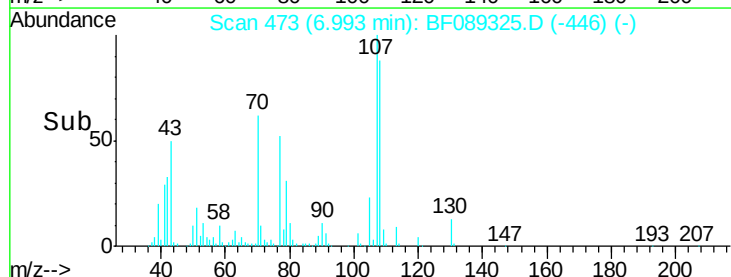
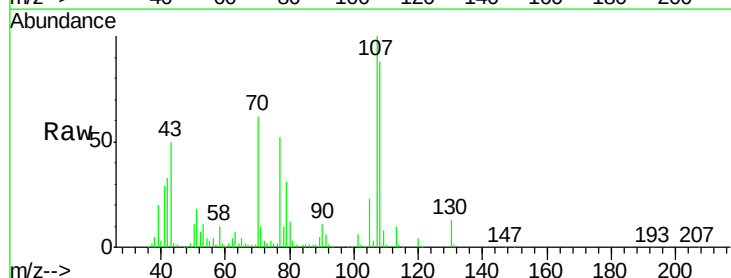
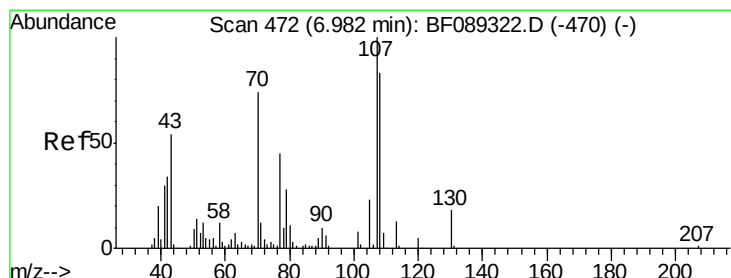
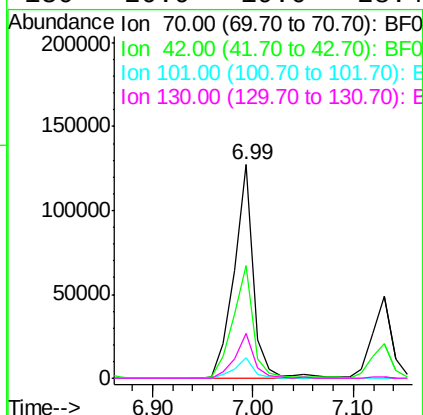




#19
n-Nitroso-di-n-propylamine
Concen: 72.65 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

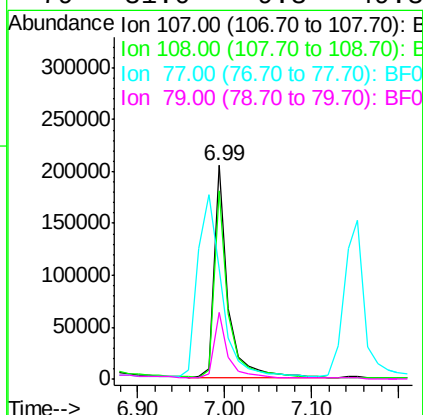
Instrument :
BNA_F
ClientSampleId :

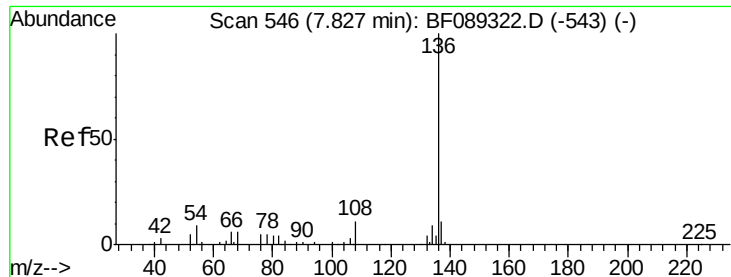
Tot Ion:	70	Resp:	171415
Ion	Ratio	Lower	Upper
70	100		
42	53.0	38.6	57.8
101	9.7	8.3	12.5
130	20.9	19.0	28.4



#20
3+4-Methylphenols
Concen: 68.61 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:	107	Resp:	228923
Ion	Ratio	Lower	Upper
107	100		
108	88.0	63.3	103.3
77	51.8	51.1	91.1
79	31.0	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 180838

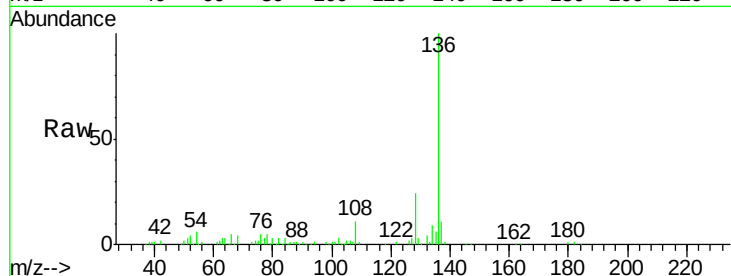
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.1 7.0 10.4#

68 4.5 4.9 7.3#

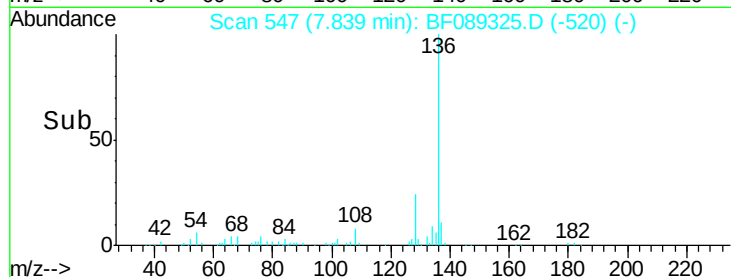


Abundance Ion 136.00 (135.70 to 136.70): E

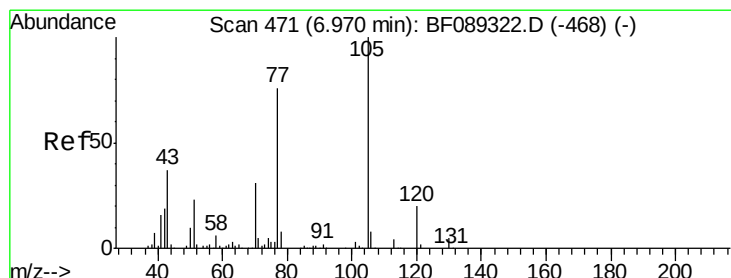
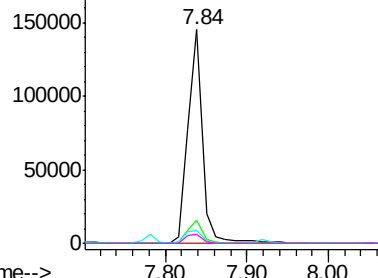
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 74.81 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:105 Resp: 355126

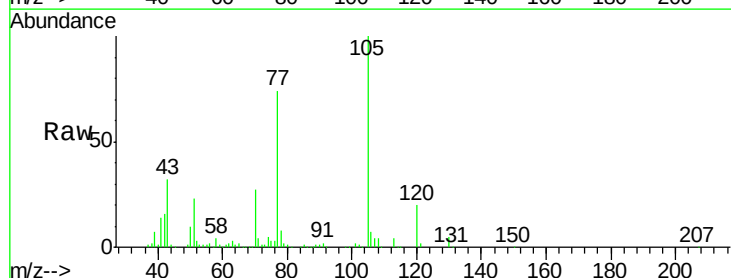
Ion Ratio Lower Upper

105 100

71 4.5 4.2 6.2

51 22.8 18.7 28.1

120 20.0 15.8 23.6

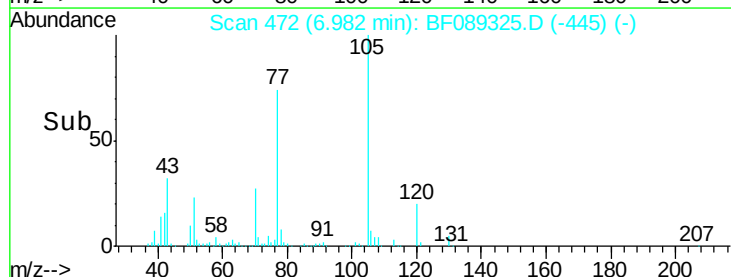


Abundance Ion 105.00 (104.70 to 105.70): E

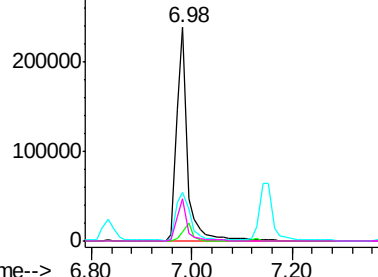
Ion 71.00 (70.70 to 71.70): BF0

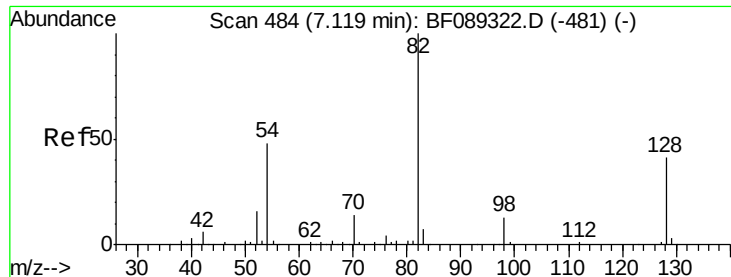
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

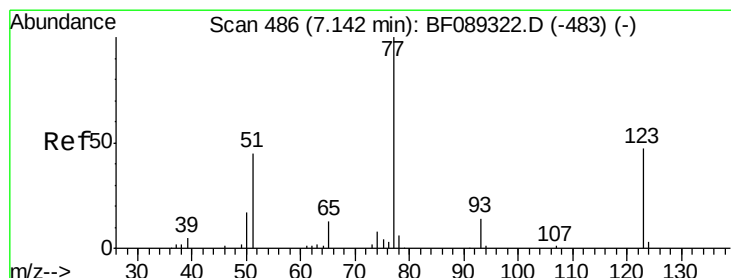
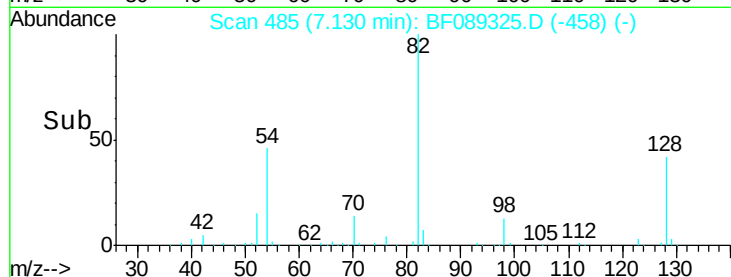
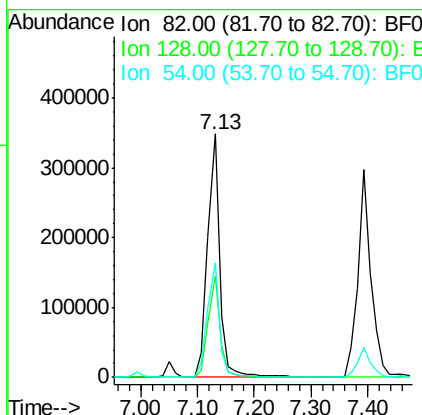
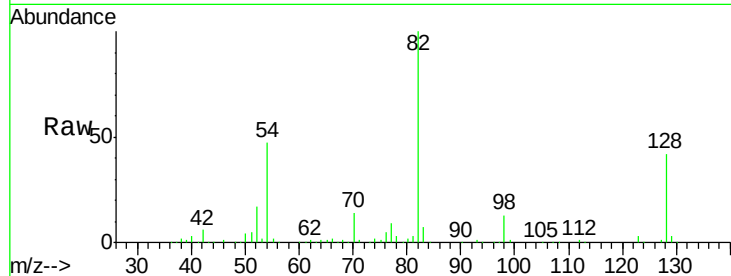




#23
 Nitrobenzene-d5
 Concen: 148.03 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

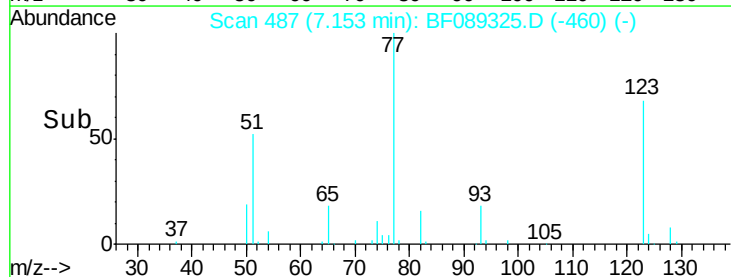
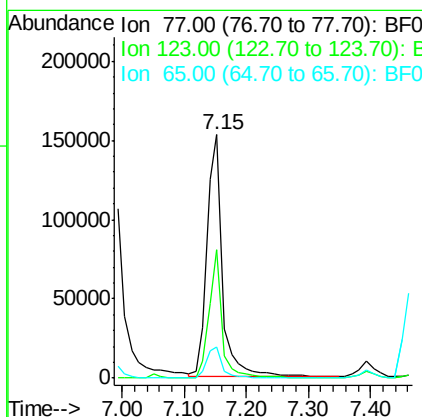
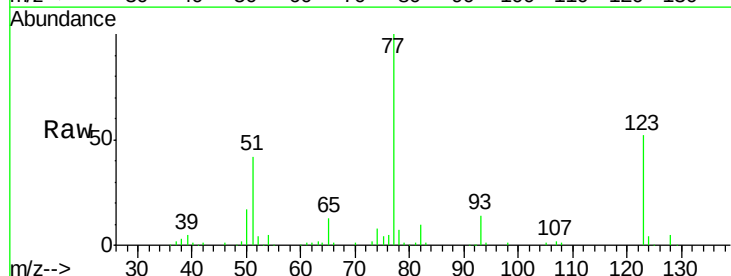
Instrument :
 BNA_F
 ClientSampleId :

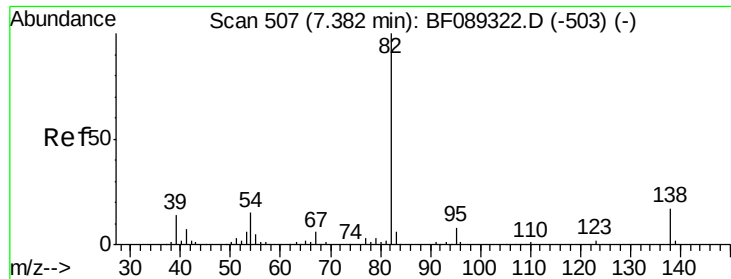
Tot Ion	82	Resp	500206
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.5	48.7
54	47.2	38.8	58.2



#24
 Nitrobenzene
 Concen: 73.89 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	77	Resp	262416
Ion Ratio	Lower	Upper	
77	100		
123	52.5	37.2	55.8
65	12.7	10.2	15.4

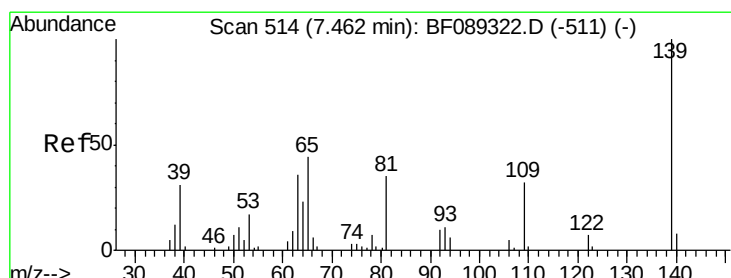
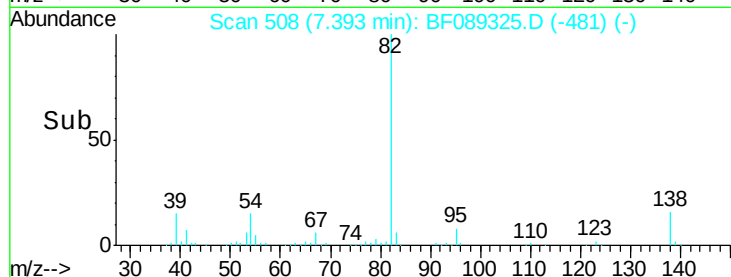
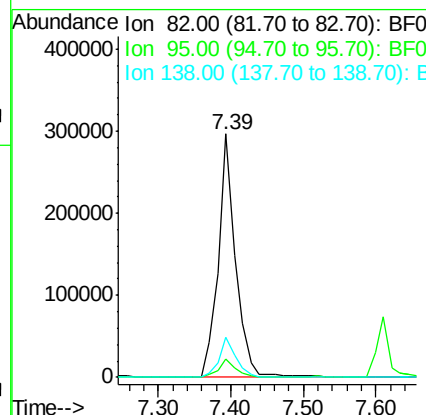
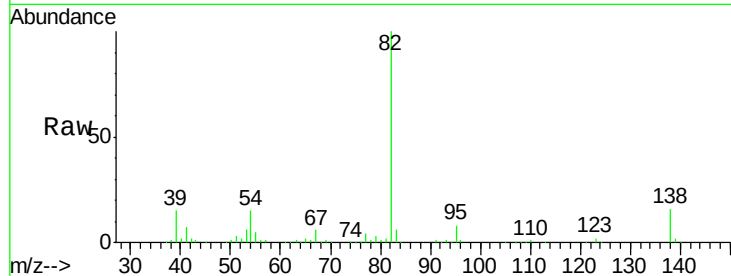




#25
Isophorone
Concen: 78.29 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

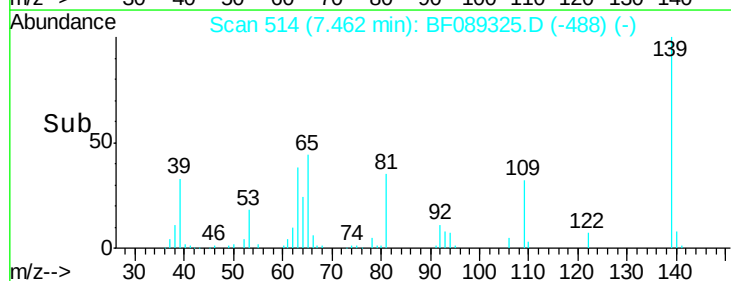
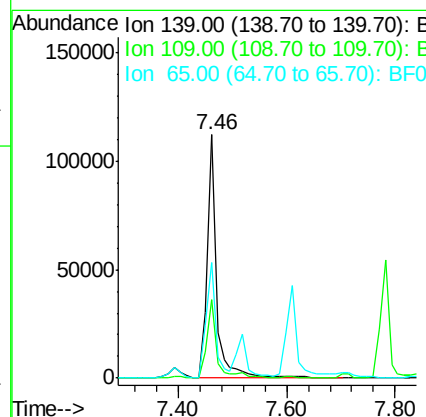
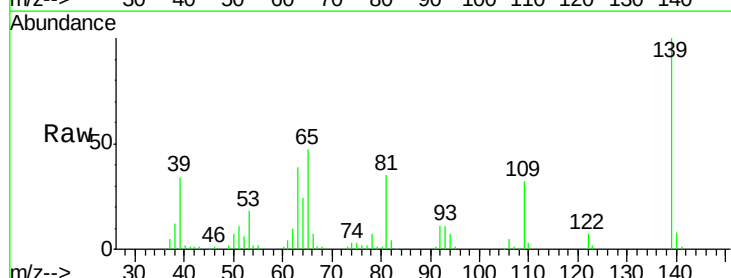
Instrument :
BNA_F
ClientSampleId :

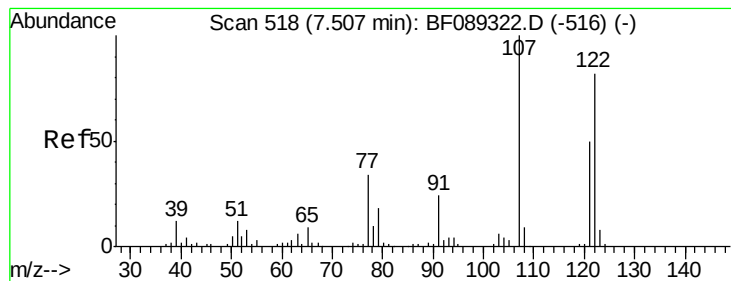
Tot Ion: 82 Resp: 488332
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.4 13.3 19.9



#26
2-Nitrophenol
Concen: 80.29 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion: 139 Resp: 133270
Ion Ratio Lower Upper
139 100
109 32.2 25.8 38.8
65 47.4 35.2 52.8

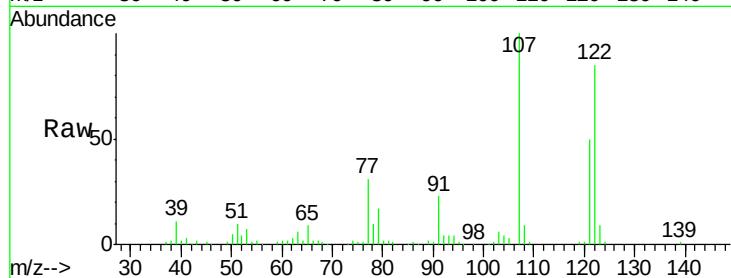




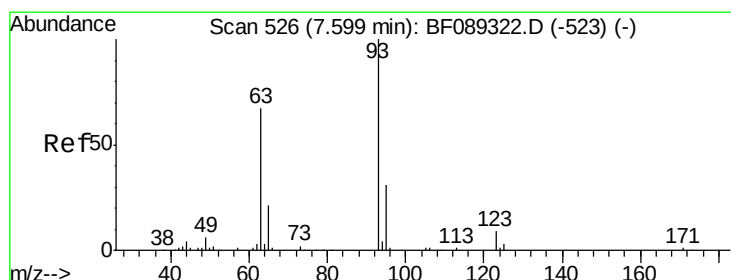
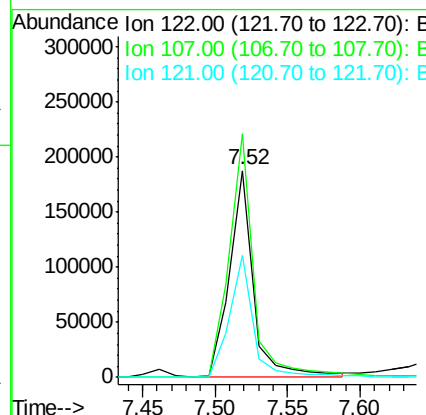
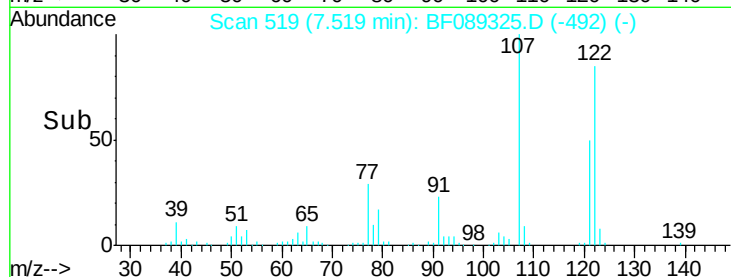
#27
 2,4-Dimethylphenol
 Concen: 76.13 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	97.2	145.8
121	59.1	48.8	73.2

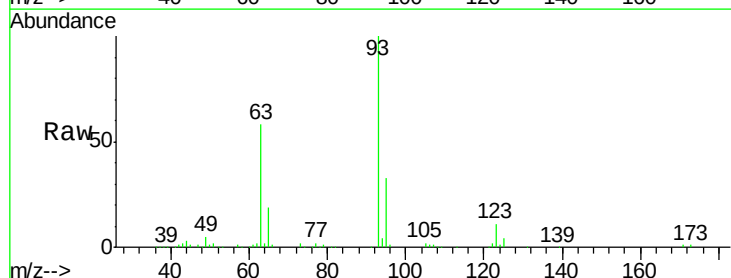


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

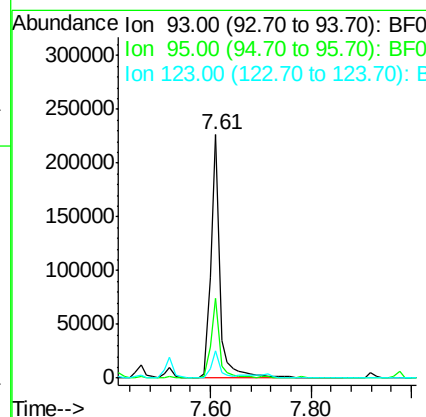
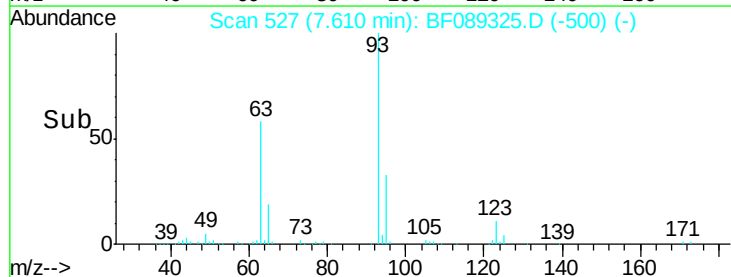


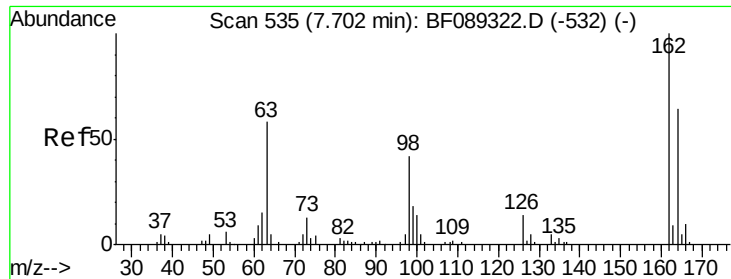
#28
 bis(2-Chloroethoxy)methane
 Concen: 73.49 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.7	37.1
123	11.1	7.5	11.3



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

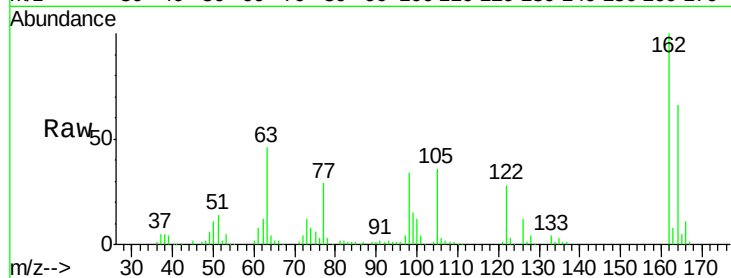




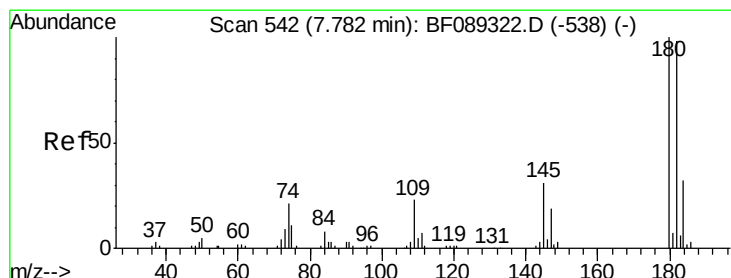
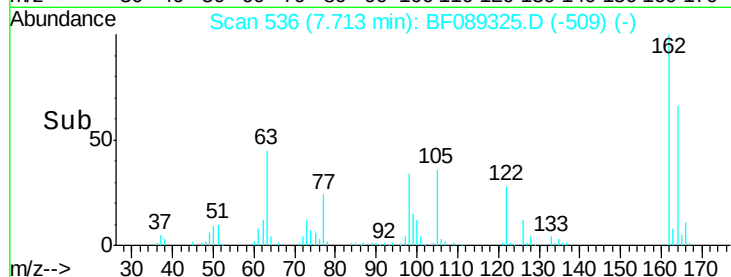
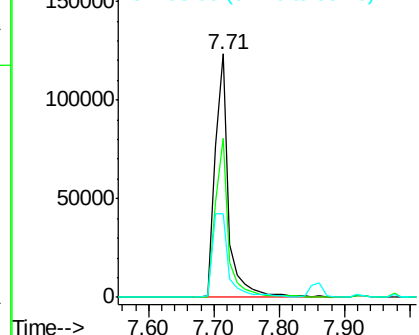
#29
 2,4-Dichlorophenol
 Concen: 71.15 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 179759
 Ion Ratio Lower Upper
 162 100
 164 65.6 44.0 84.0
 98 34.3 21.8 61.8

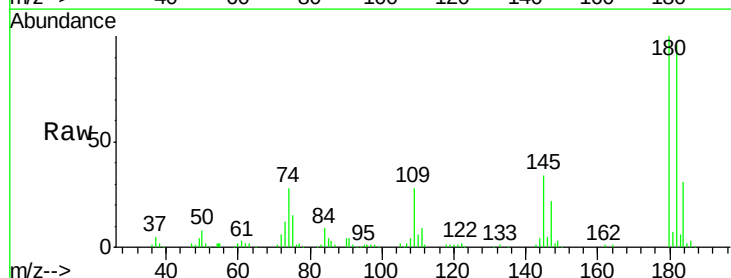


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

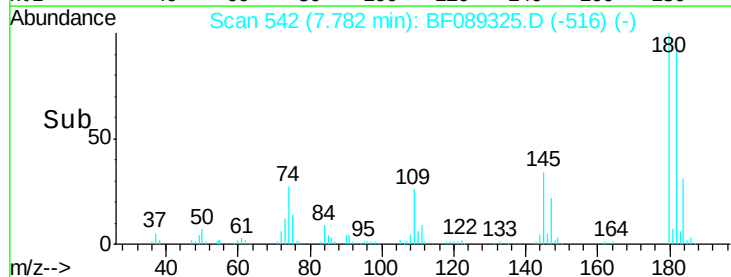
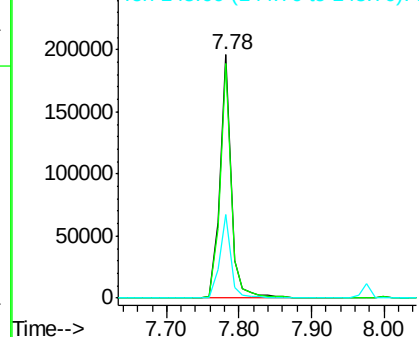


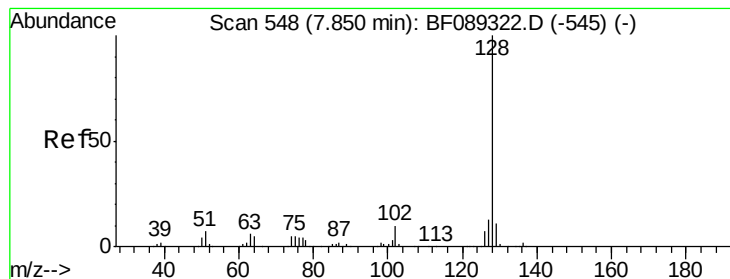
#30
 1,2,4-Trichlorobenzene
 Concen: 76.57 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:180 Resp: 213264
 Ion Ratio Lower Upper
 180 100
 182 96.4 78.2 117.2
 145 34.2 24.6 36.8



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: 69.47 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

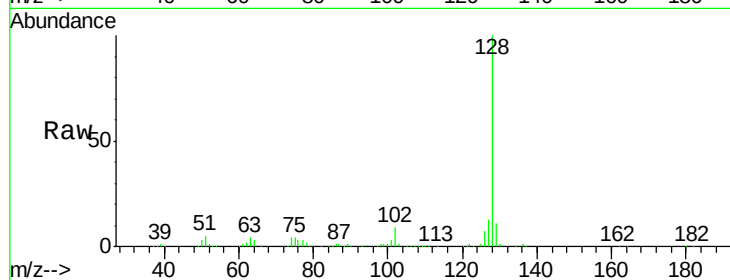
Tot Ion:128 Resp: 672141

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

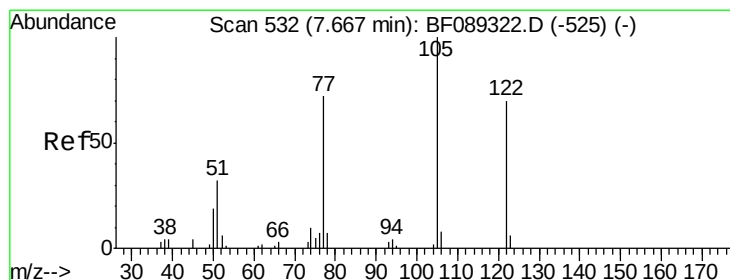
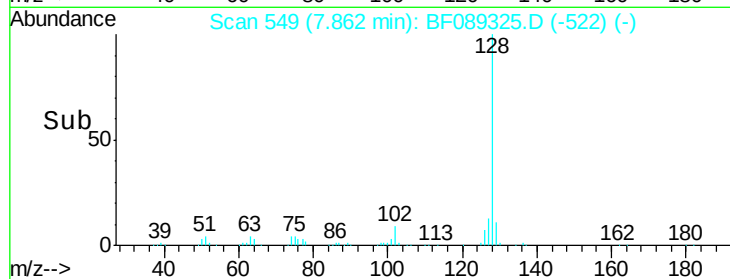
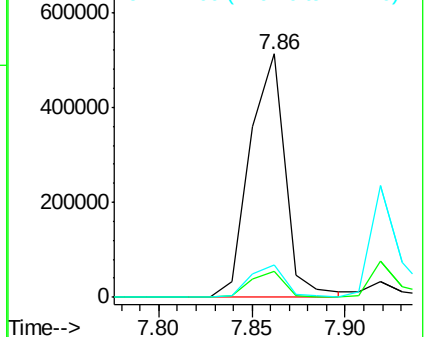
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 69.27 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.05 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

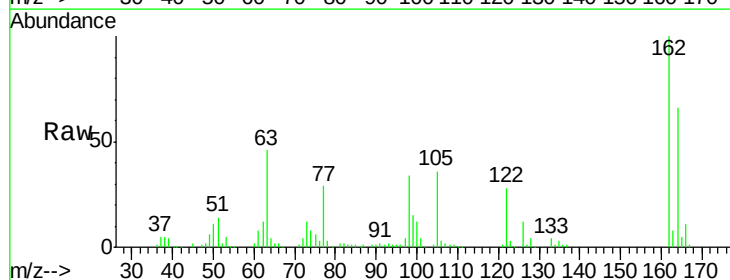
Tgt Ion:122 Resp: 143765

Ion Ratio Lower Upper

122 100

105 131.2 106.4 146.4

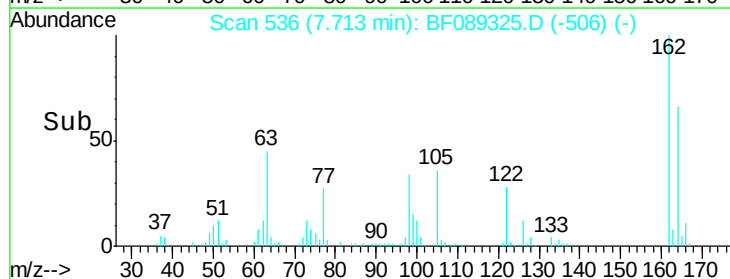
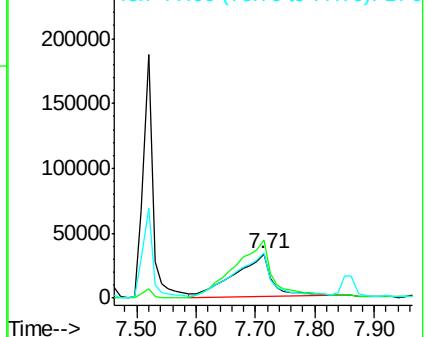
77 103.2 76.4 116.4

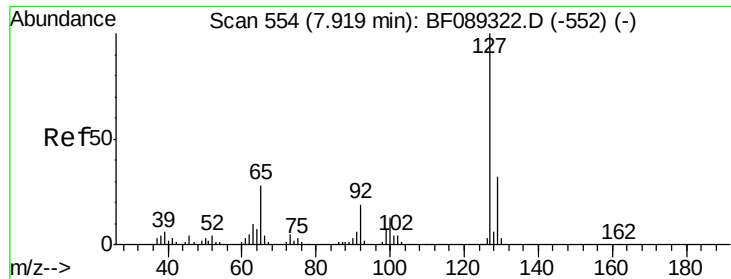


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

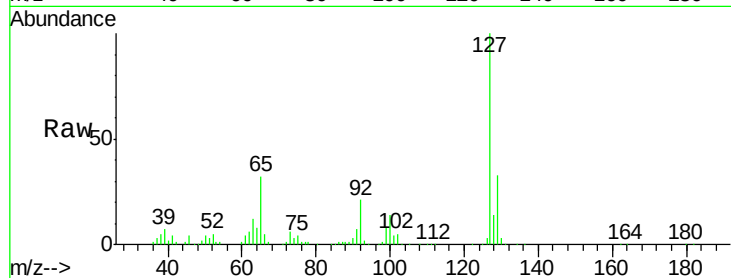




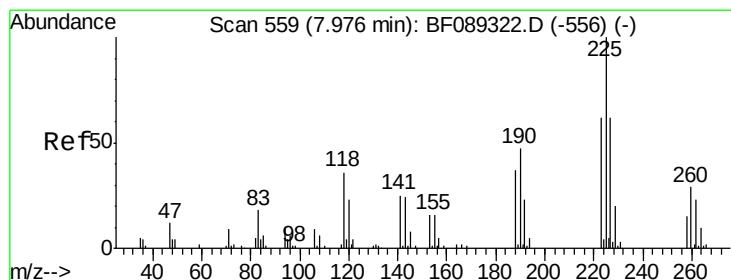
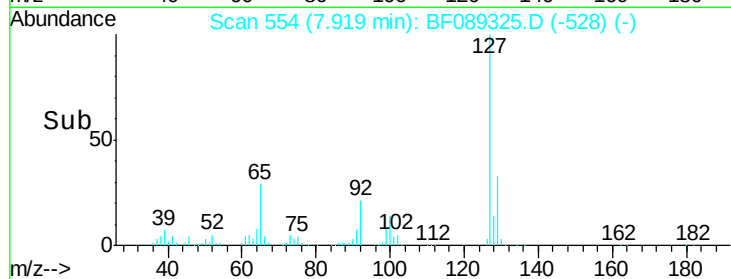
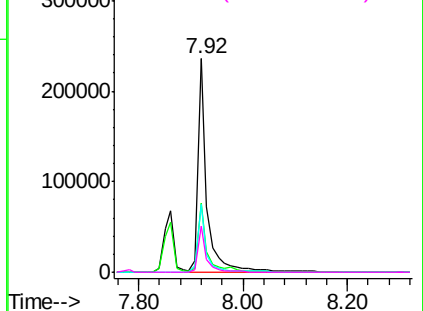
#33
4-Chloroaniline
Concen: 69.70 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	278264
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.1 39.1
65	31.6	22.0 33.0
92	21.5	15.2 22.8

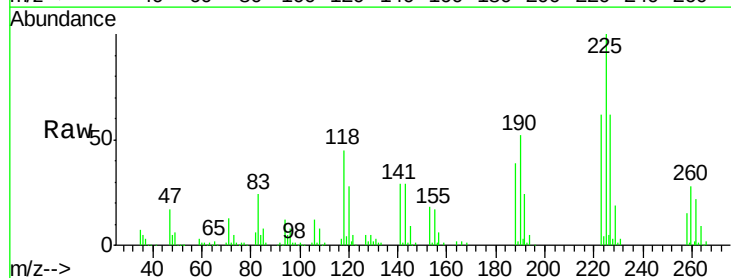


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

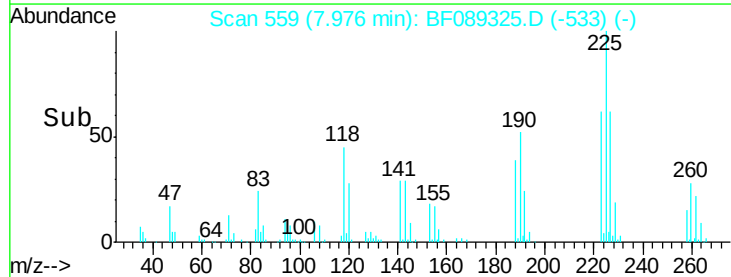
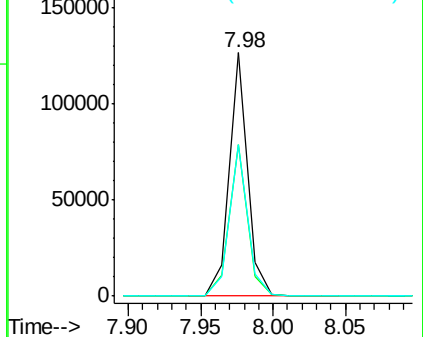


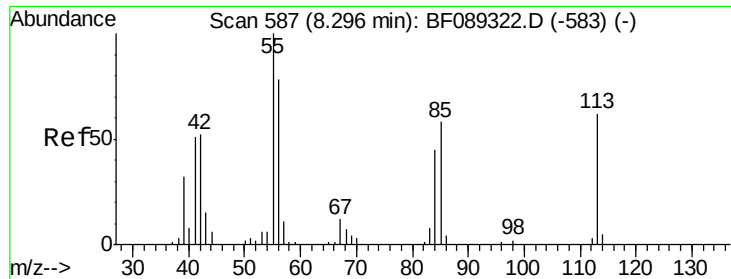
#34
Hexachlorobutadiene
Concen: 71.49 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:225	Resp:	111246
Ion Ratio	Lower	Upper
225	100	
223	62.0	49.8 74.8
227	62.2	49.4 74.2



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

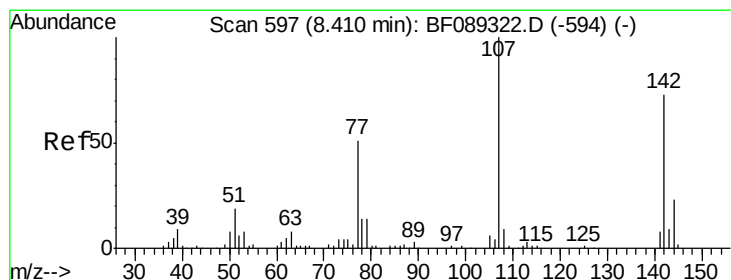
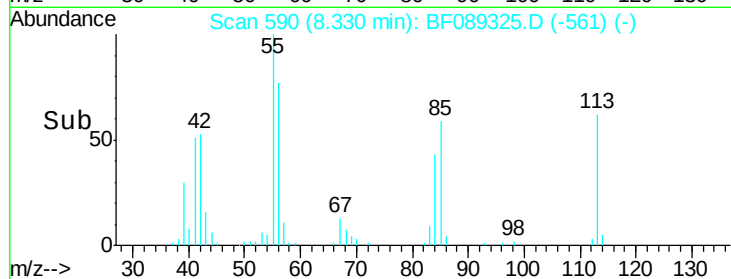
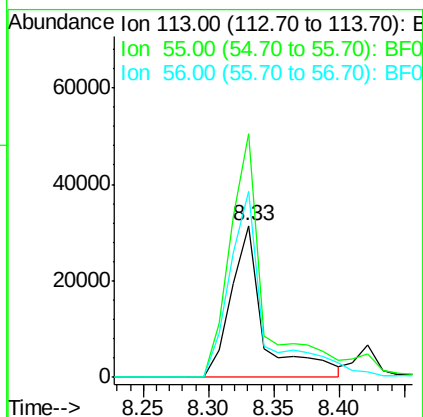
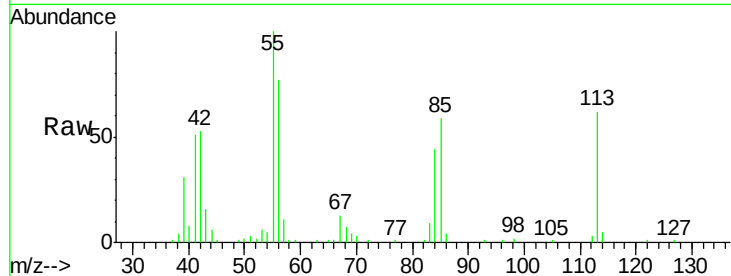




#35
Caprolactam
Concen: 71.41 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.03 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

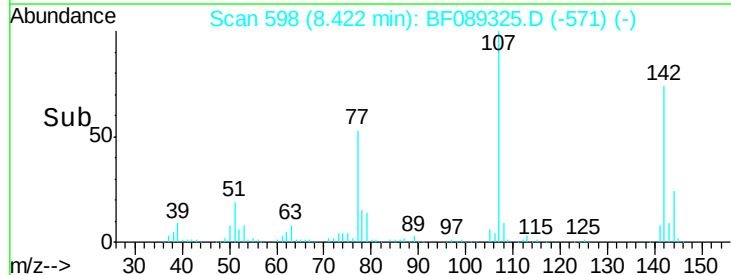
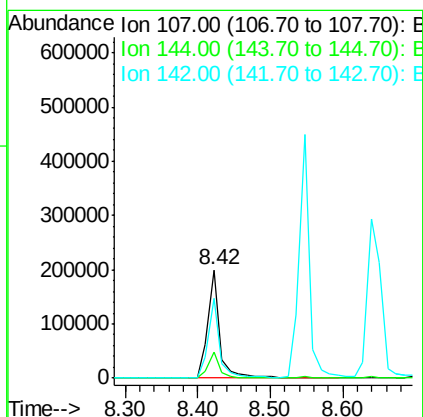
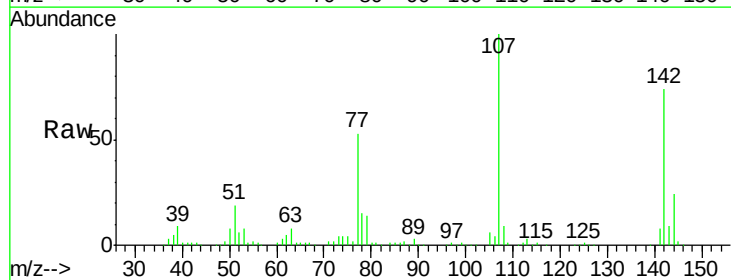
Instrument :
BNA_F
ClientSampleId :

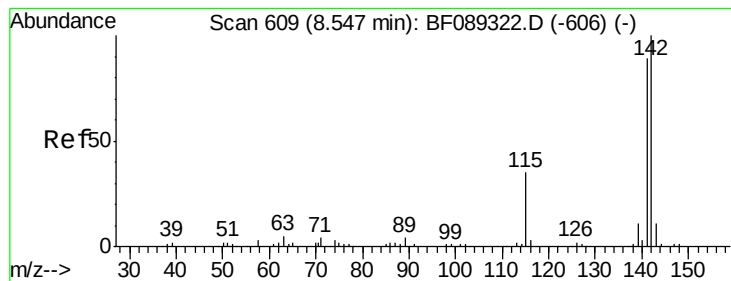
Tot Ion:113 Resp: 55401
Ion Ratio Lower Upper
113 100
55 160.5 142.3 182.3
56 122.9 105.8 145.8



#36
4-Chloro-3-methylphenol
Concen: 76.07 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:107 Resp: 231614
Ion Ratio Lower Upper
107 100
144 24.3 18.4 27.6
142 73.8 58.6 87.8





#37

2-Methylnaphthalene

Concen: 73.59 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

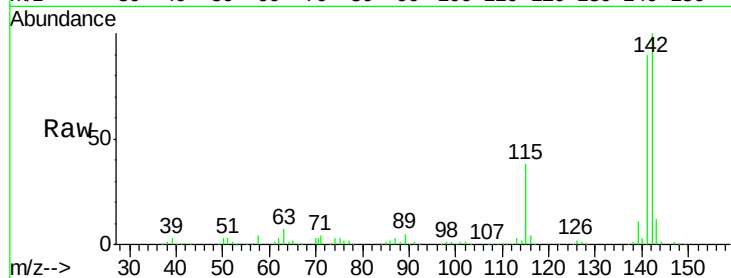
Tot Ion:142 Resp: 446212

Ion Ratio Lower Upper

142 100

141 90.1 70.9 106.3

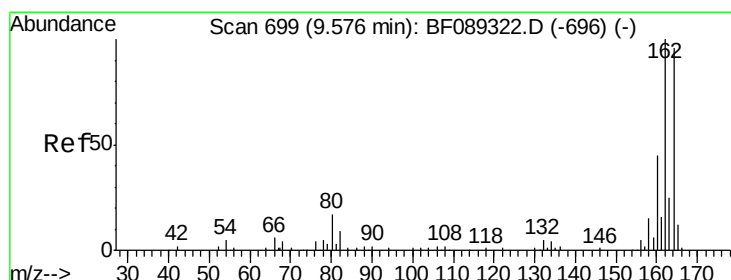
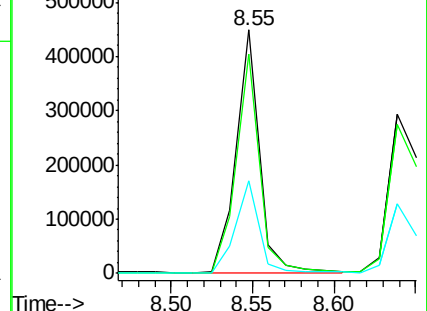
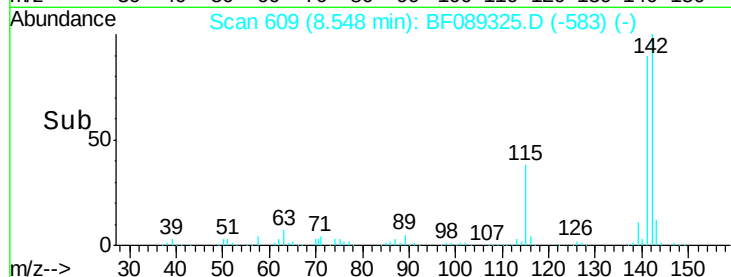
115 37.9 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

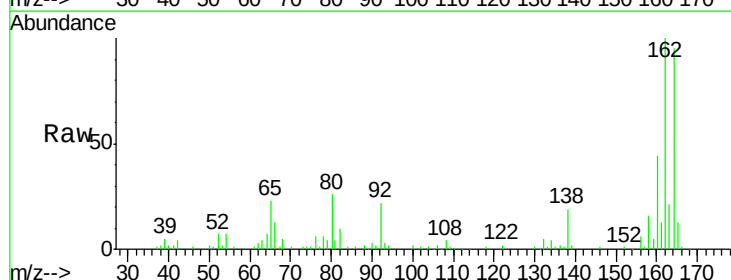
Tgt Ion:164 Resp: 84595

Ion Ratio Lower Upper

164 100

162 105.1 83.7 125.5

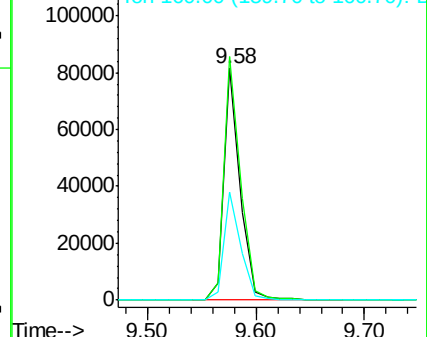
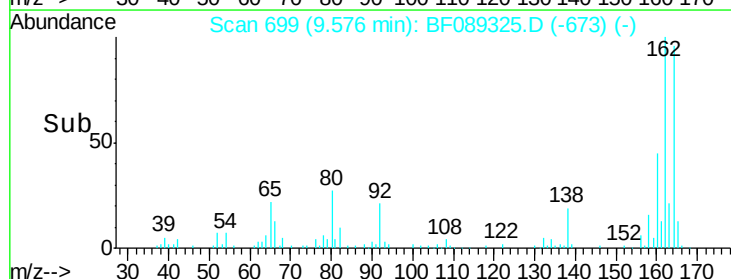
160 46.6 37.8 56.6

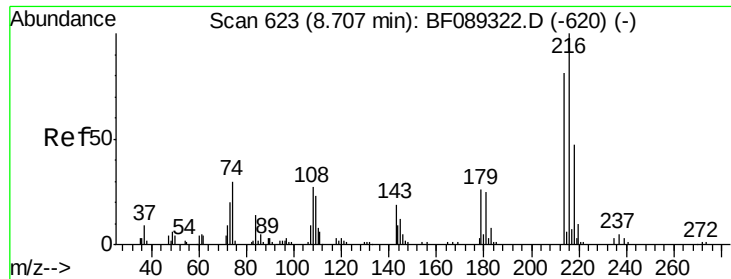


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 77.80 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 242545

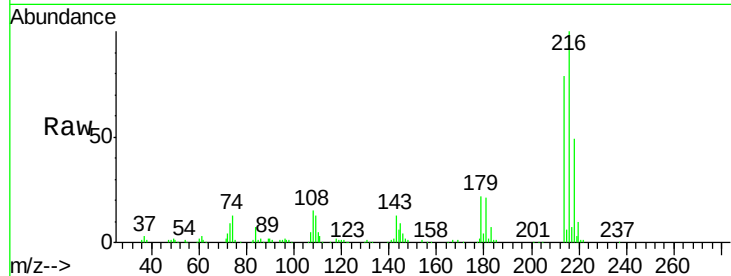
Ion Ratio Lower Upper

216 100

214 79.4 63.3 94.9

179 22.8 18.1 27.1

108 19.7 17.2 25.8

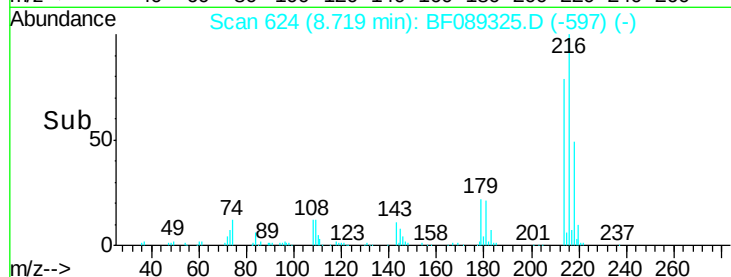


Abundance Ion 216.00 (215.70 to 216.70): E

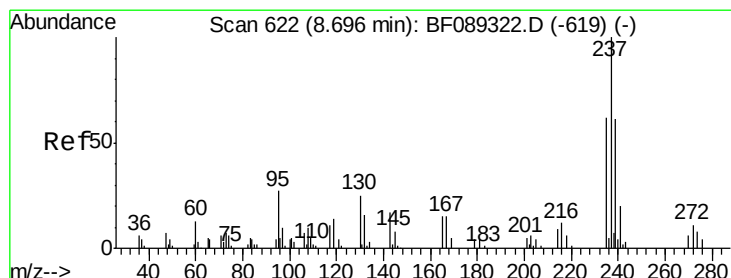
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 84.77 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

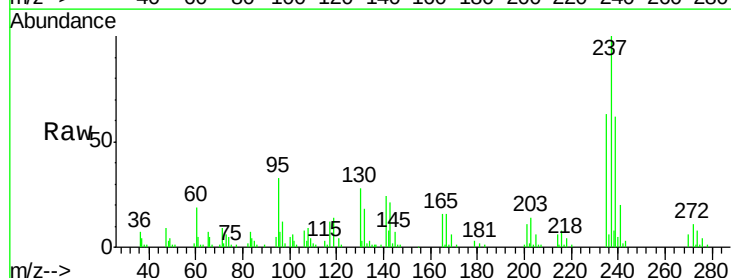
Tgt Ion:237 Resp: 69048

Ion Ratio Lower Upper

237 100

235 63.3 41.6 81.6

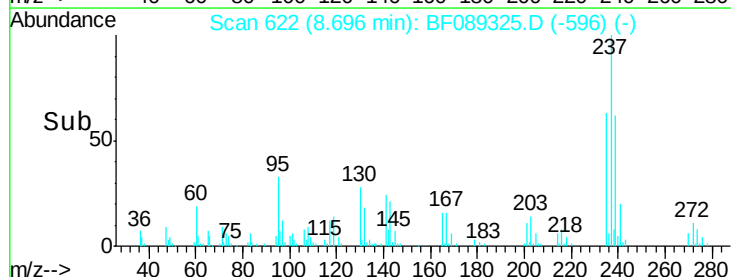
272 10.8 0.0 30.8



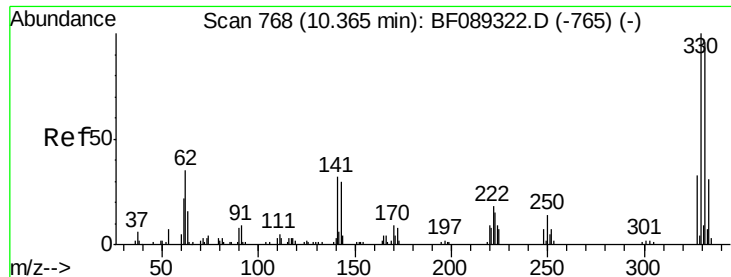
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



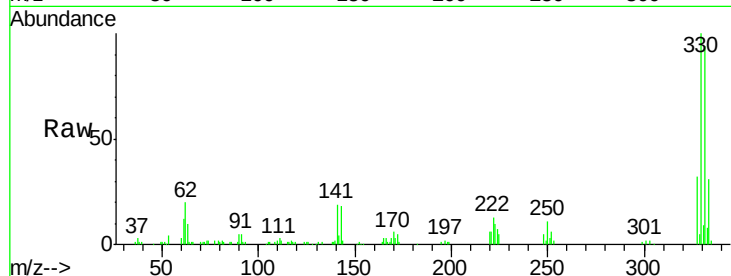
Time-->



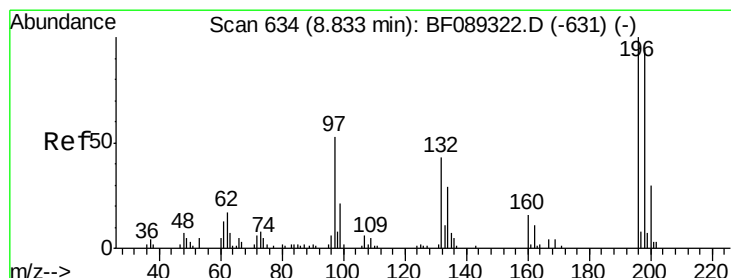
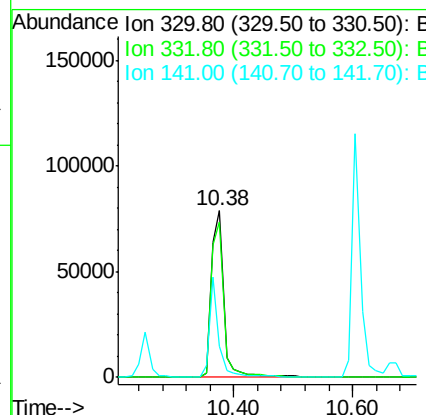
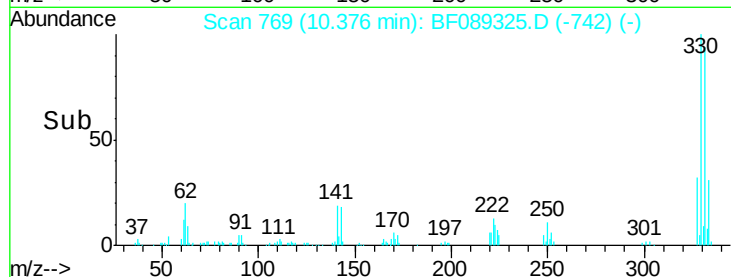
#41
 2,4,6-Tribromophenol
 Concen: 152.55 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	47.4	37.3	55.9

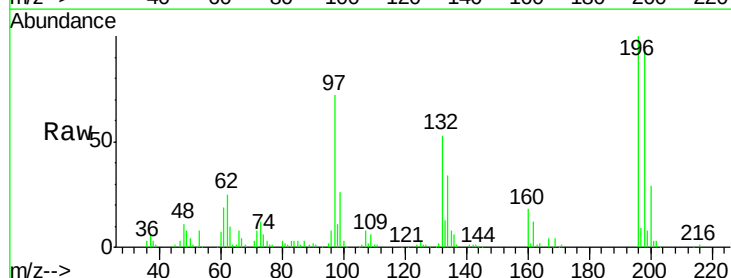


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

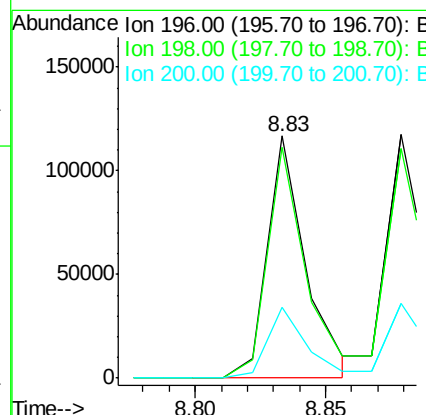
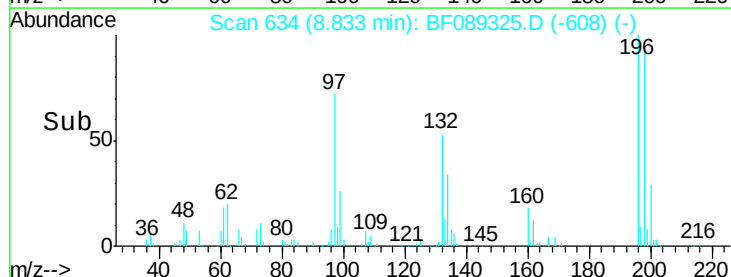


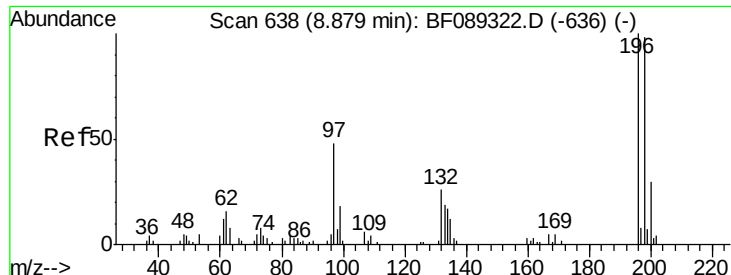
#42
 2,4,6-Trichlorophenol
 Concen: 70.43 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.5	113.3
200	29.4	23.9	35.9



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

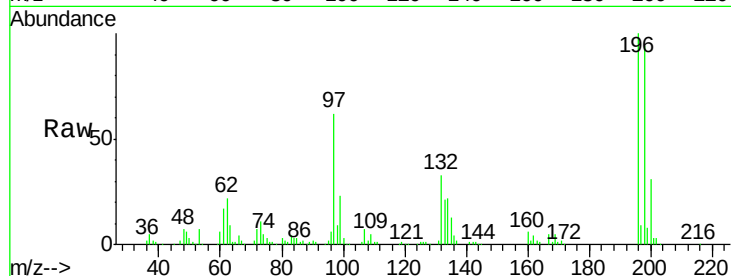




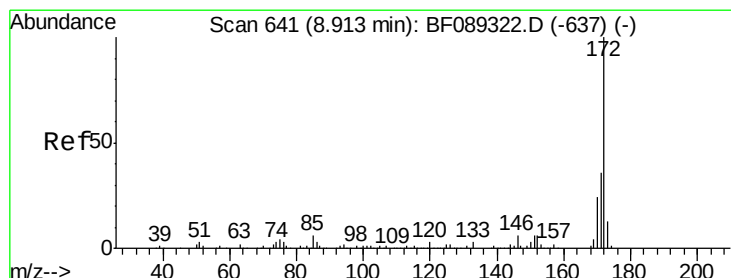
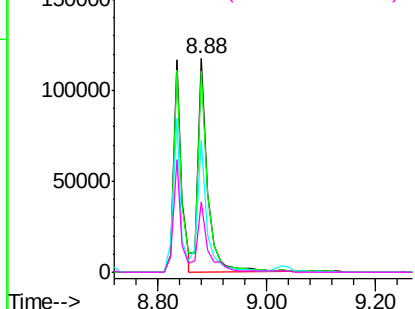
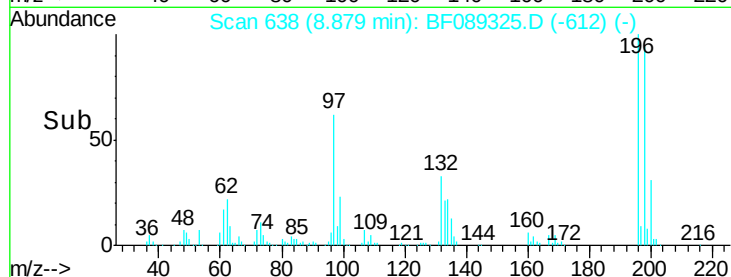
#43
2,4,5-Trichlorophenol
Concen: 83.08 ng
RT: 8.88 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 144997
Ion Ratio Lower Upper
196 100
198 94.1 78.7 118.1
97 61.8 39.7 59.5#
132 32.9 22.8 34.2

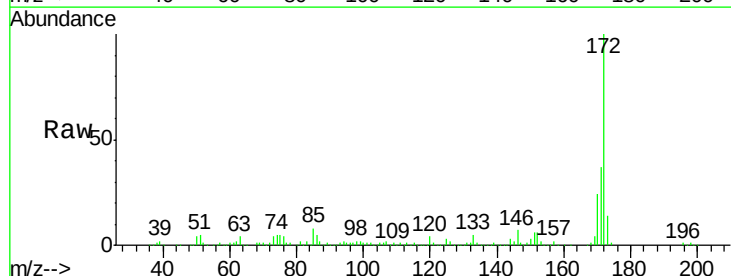


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

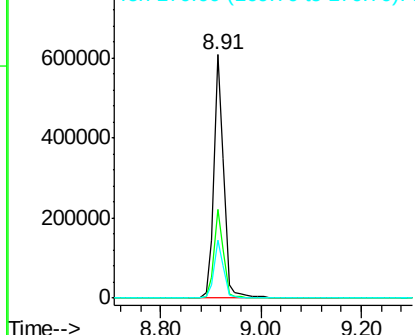
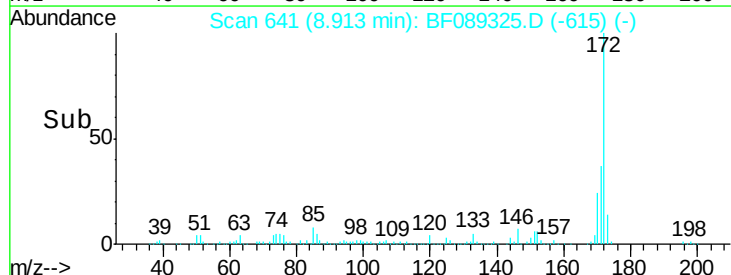


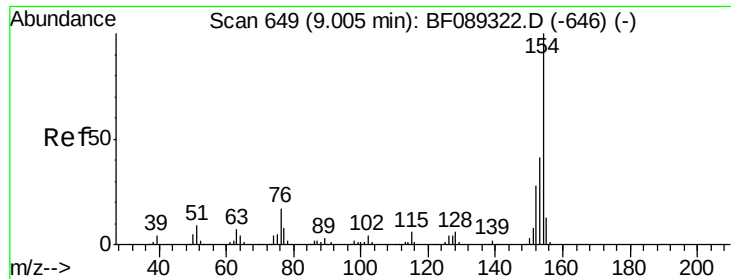
#44
2-Fluorobiphenyl
Concen: 135.88 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:172 Resp: 823871
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.0 19.2 28.8



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: 76.69 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

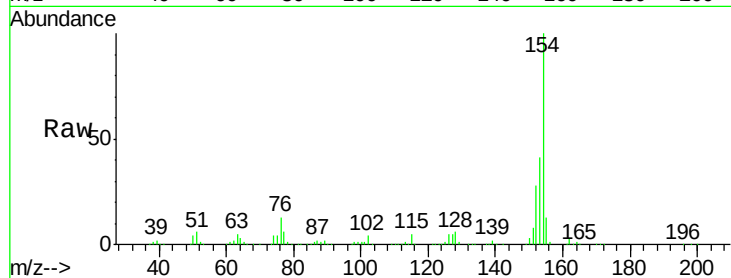
Tot Ion:154 Resp: 580241

Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

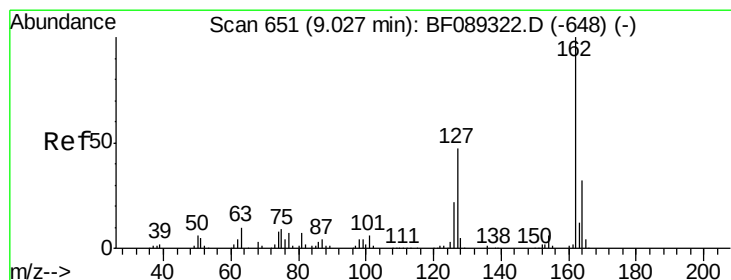
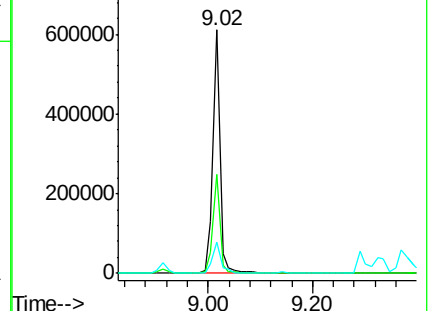
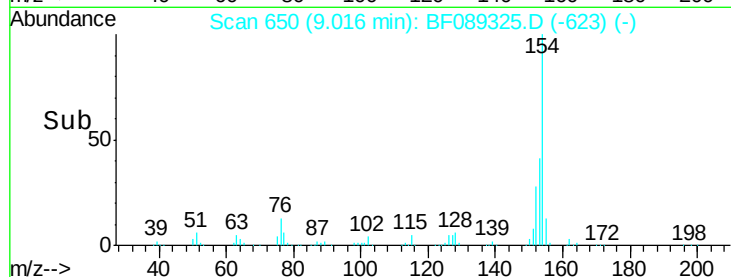
76 12.6 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 75.02 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

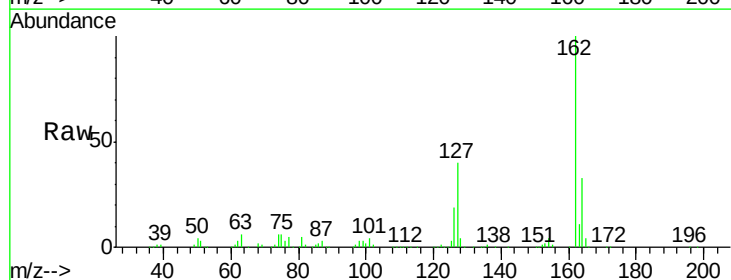
Tgt Ion:162 Resp: 431234

Ion Ratio Lower Upper

162 100

127 40.5 37.8 56.8

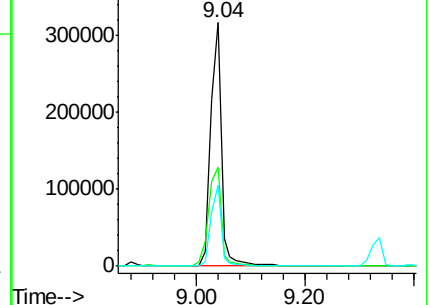
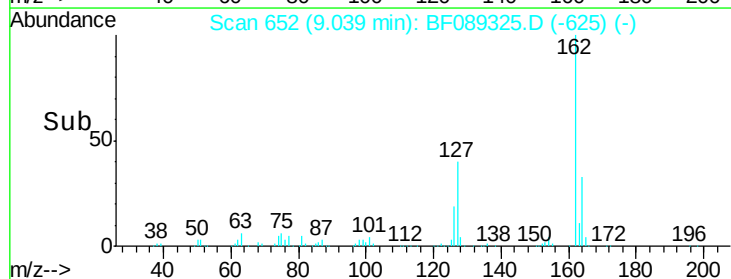
164 33.4 25.8 38.8

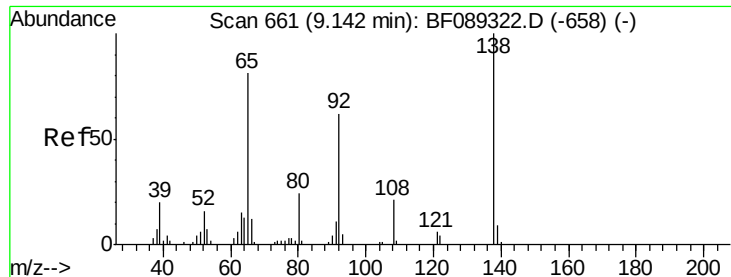


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

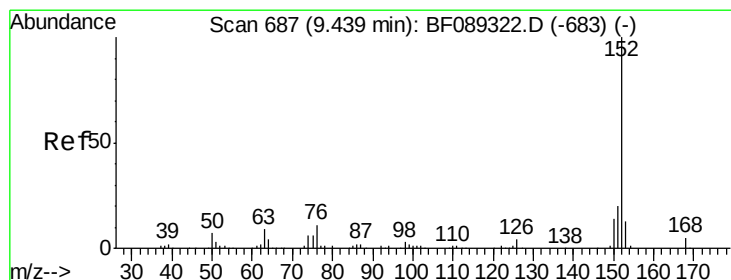
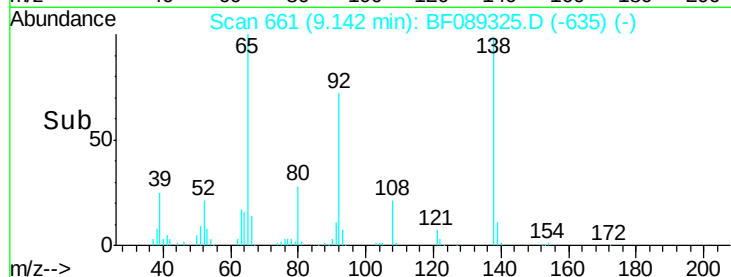
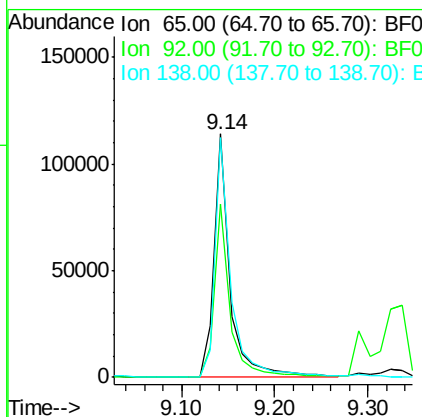
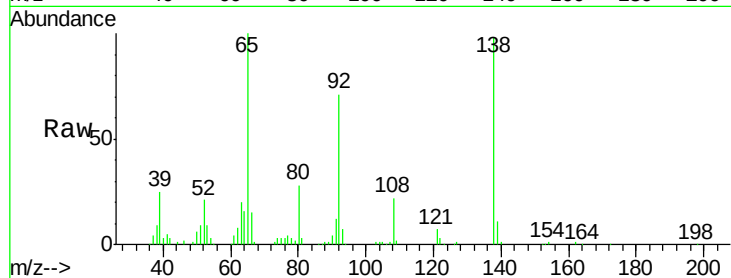




#47
2-Nitroaniline
Concen: 70.71 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

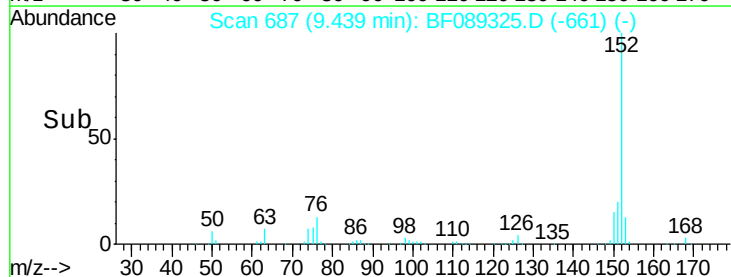
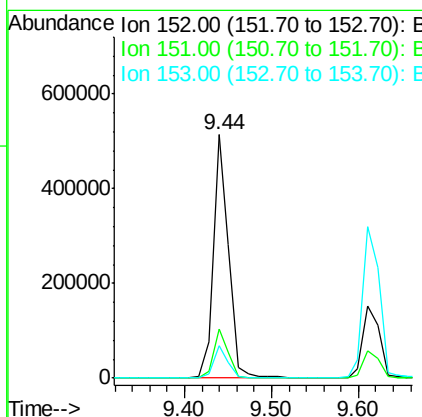
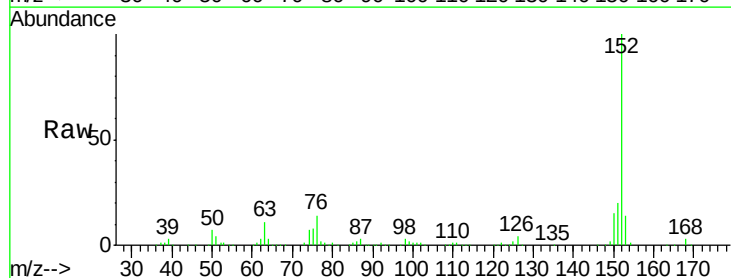
Instrument :
BNA_F
ClientSampleId :

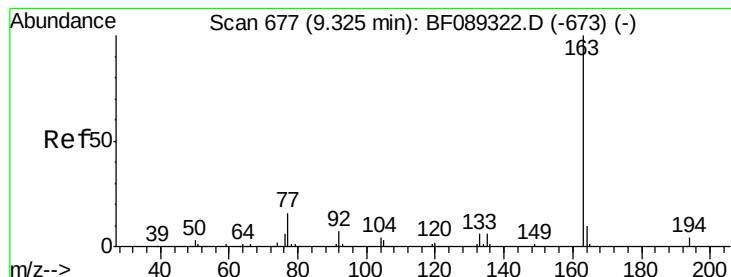
Tot Ion: 65 Resp: 137189
Ion Ratio Lower Upper
65 100
92 71.4 61.0 91.4
138 98.4 99.1 148.7#



#48
Acenaphthylene
Concen: 69.56 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion: 152 Resp: 632832
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 81.05 ng

RT: 9.34 min Scan# 678

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

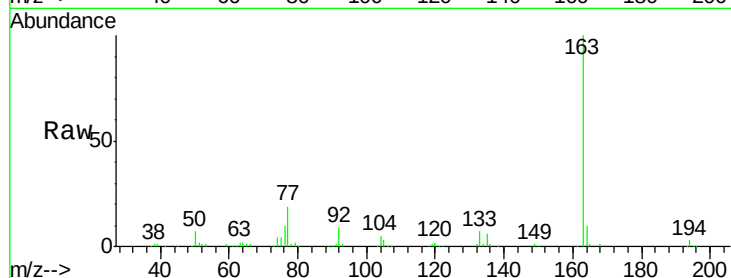
Tot Ion:163 Resp: 521415

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

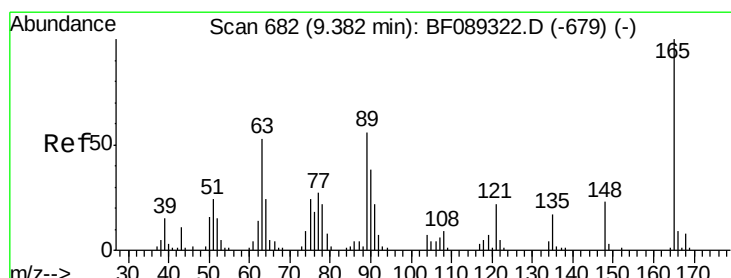
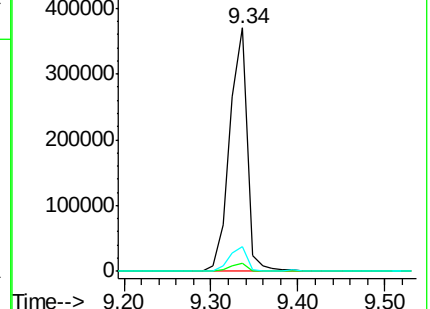
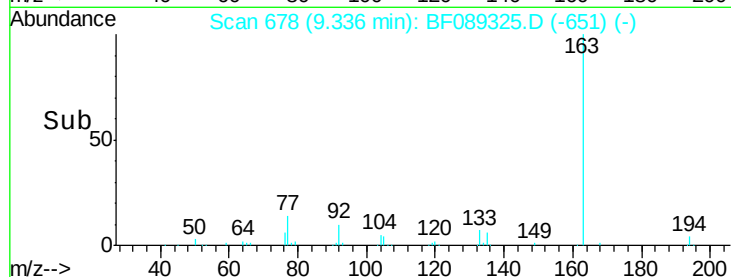
164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 81.97 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

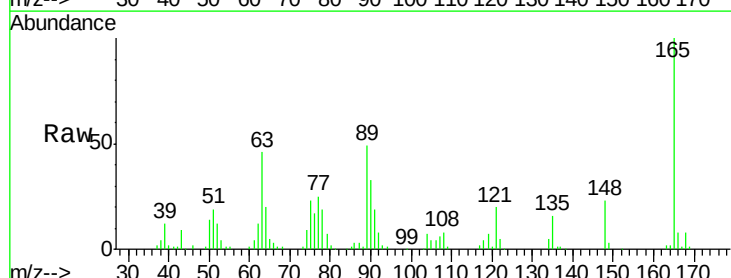
Tgt Ion:165 Resp: 118370

Ion Ratio Lower Upper

165 100

63 45.6 43.5 65.3

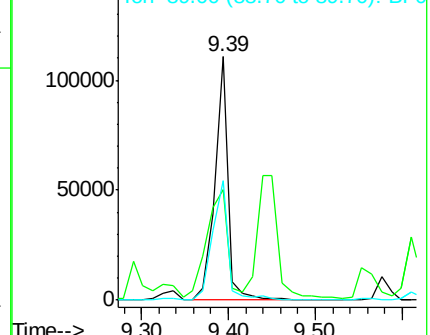
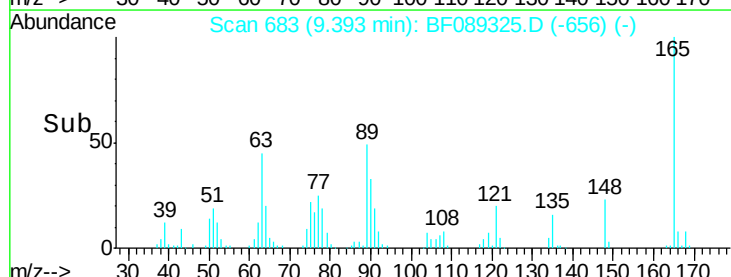
89 49.3 45.0 67.4

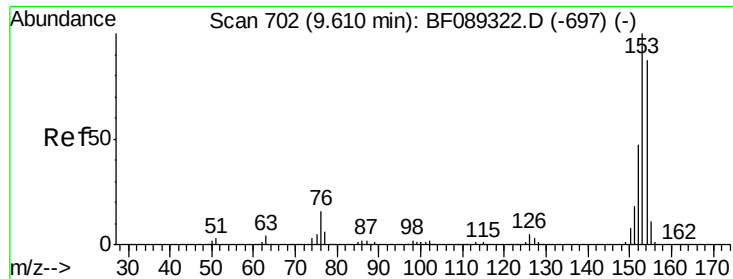


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 69.18 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

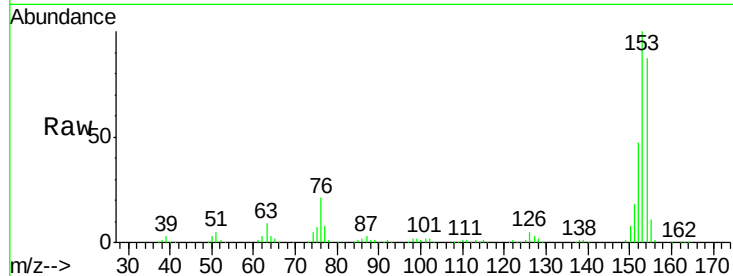
Tot Ion:154 Resp: 370112

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

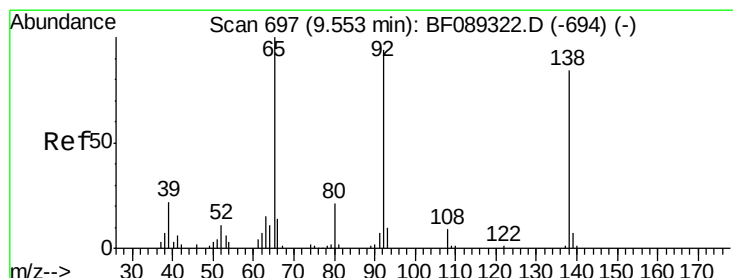
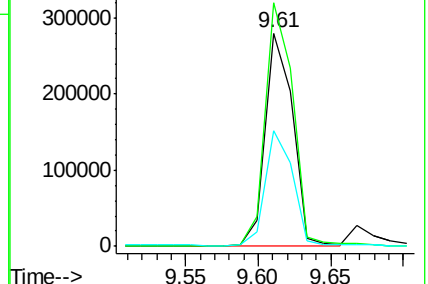
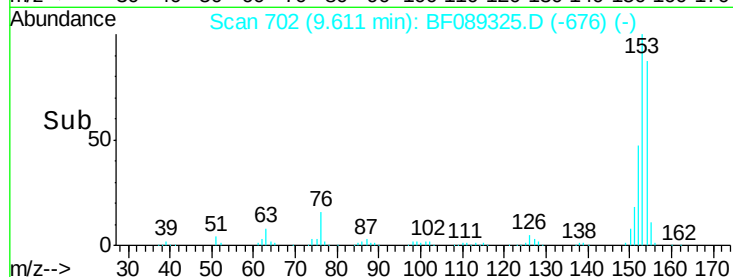
152 54.0 43.8 65.6



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: 67.13 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

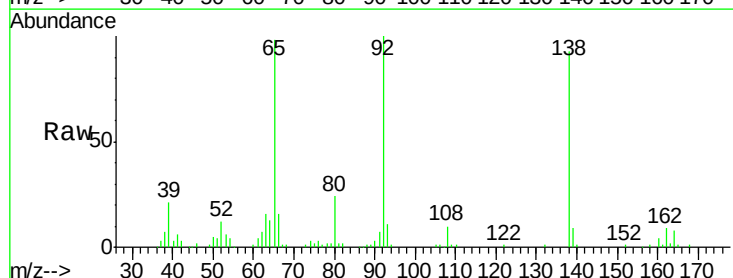
Tgt Ion:138 Resp: 112677

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

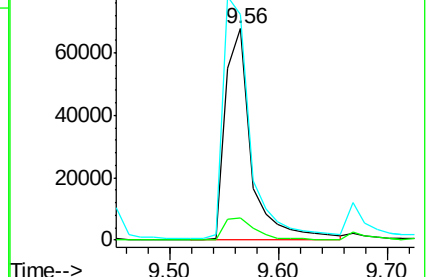
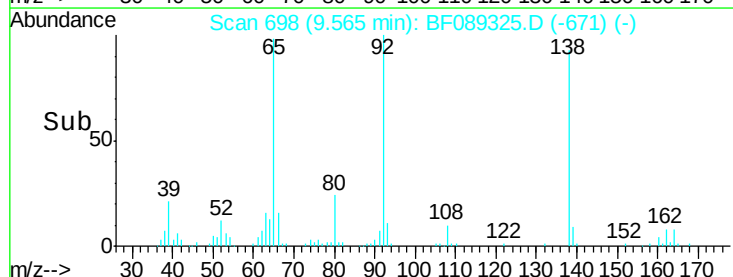
92 107.0 90.0 135.0

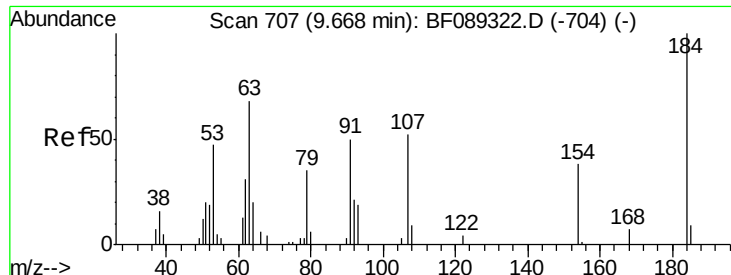


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

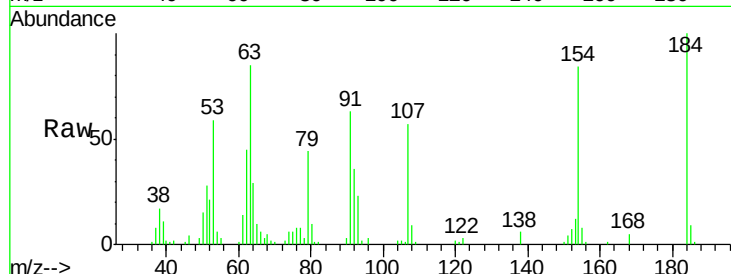




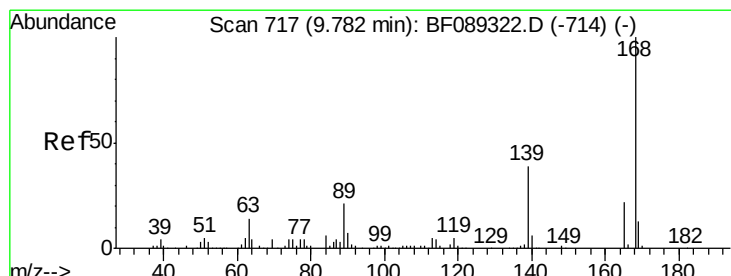
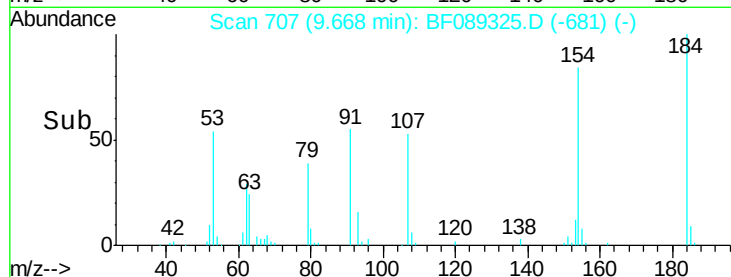
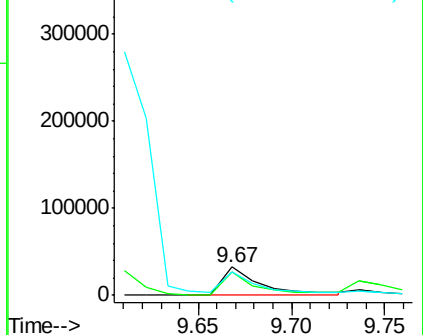
#53
2,4-Dinitrophenol
Concen: 86.71 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 48071
Ion Ratio Lower Upper
184 100
63 85.1 60.6 90.8
154 84.3 69.8 104.8

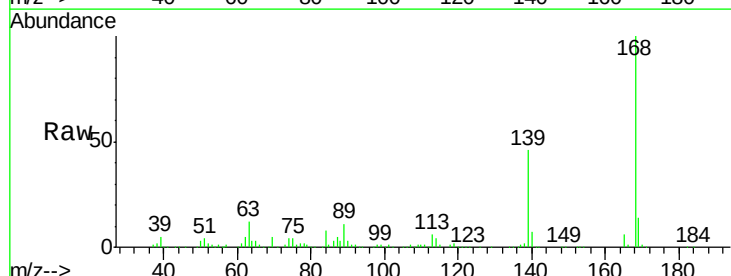


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

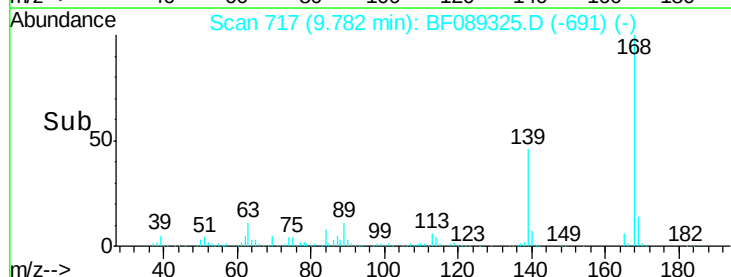
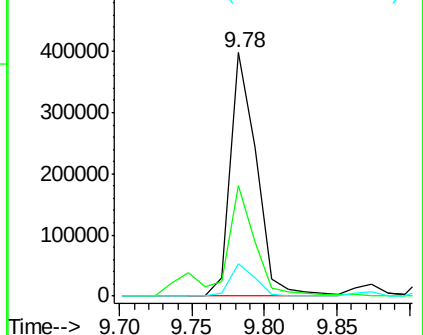


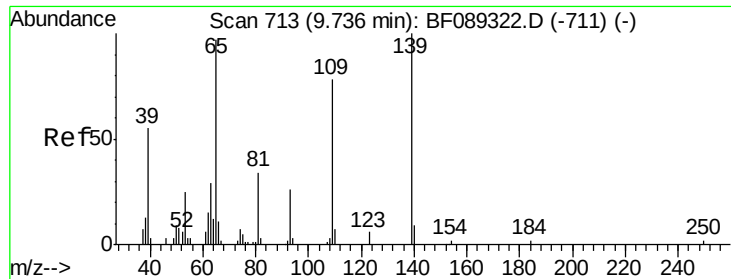
#54
Dibenzofuran
Concen: 68.97 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:168 Resp: 497067
Ion Ratio Lower Upper
168 100
139 45.5 33.7 50.5
169 13.6 10.7 16.1



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

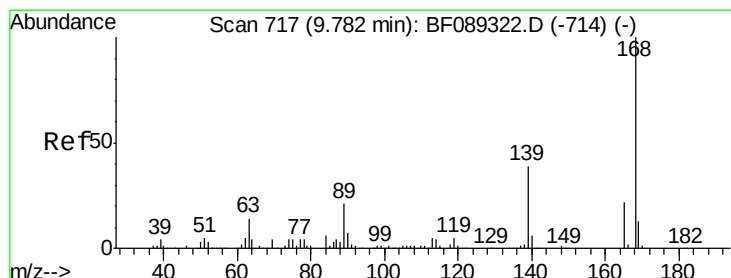
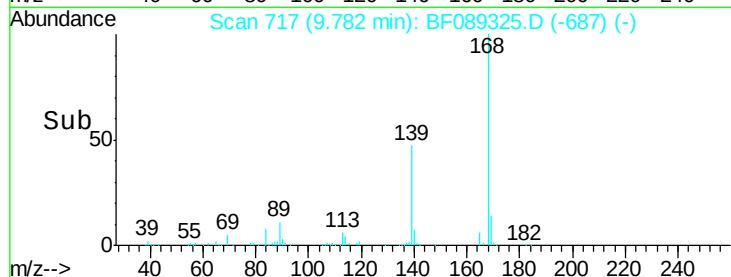
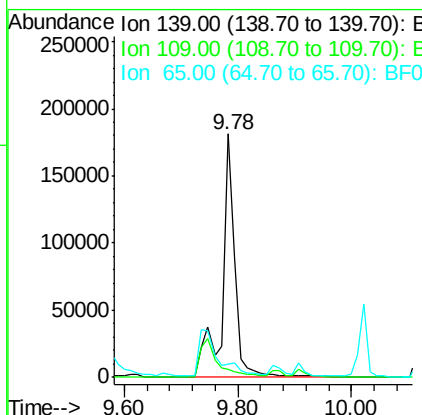
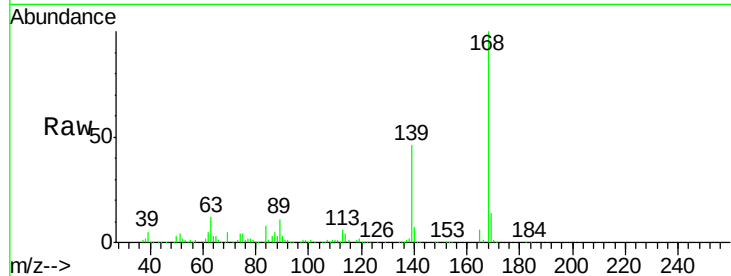




#55
4-Nitrophenol
Concen: 292.37 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

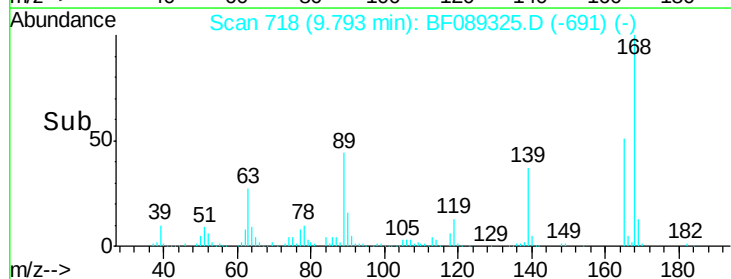
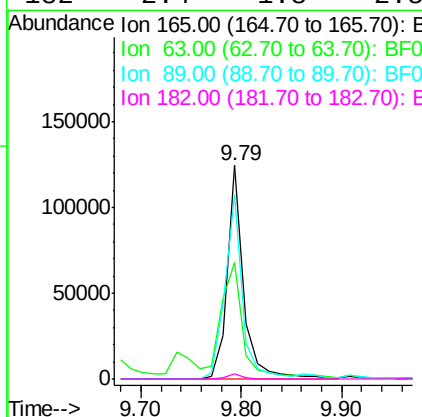
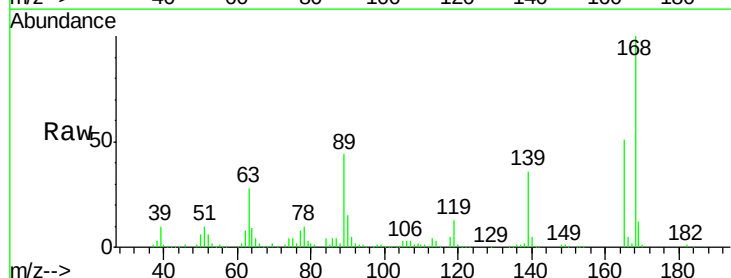
Instrument :
BNA_F
ClientSampled :

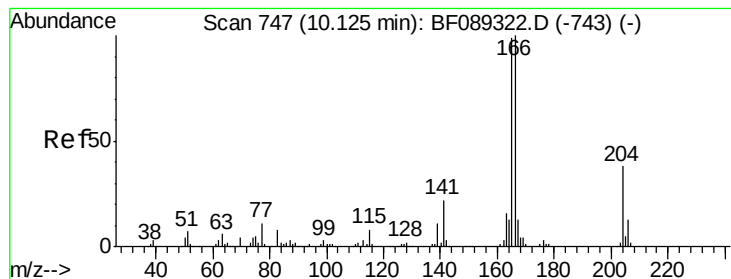
Tot Ion:139 Resp: 283721
Ion Ratio Lower Upper
139 100
109 3.2 57.8 97.8#
65 5.5 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 75.64 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:165 Resp: 141731
Ion Ratio Lower Upper
165 100
63 54.5 58.2 87.2#
89 86.3 79.1 118.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 68.18 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

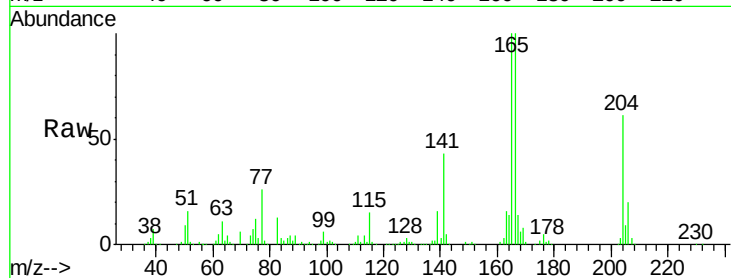
Tot Ion:166 Resp: 412029

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.4

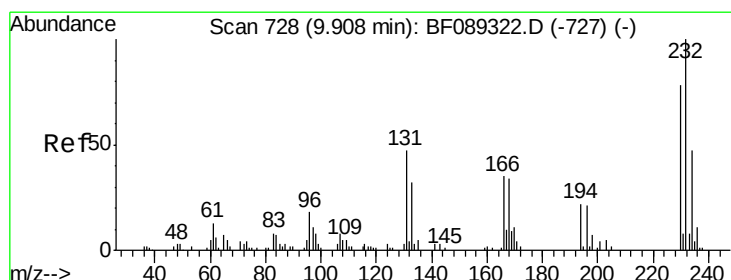
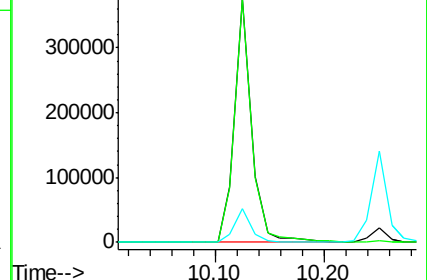
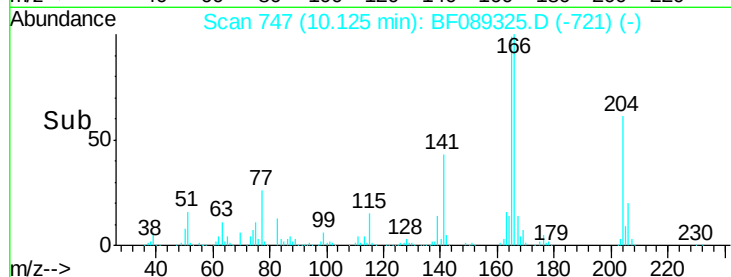
167 13.9 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 74.69 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:232 Resp: 93904

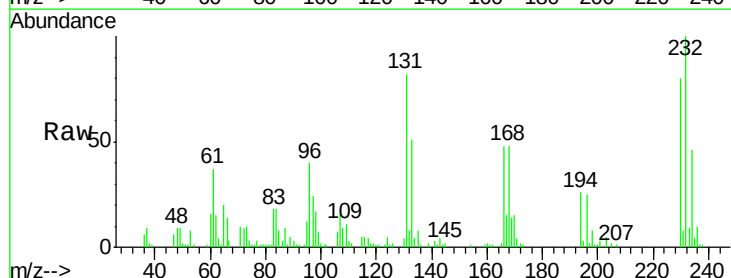
Ion Ratio Lower Upper

232 100

131 57.3 42.7 64.1

130 2.5 1.7 2.5

166 34.8 25.7 38.5

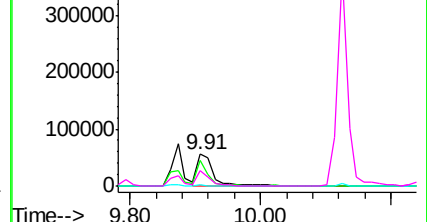
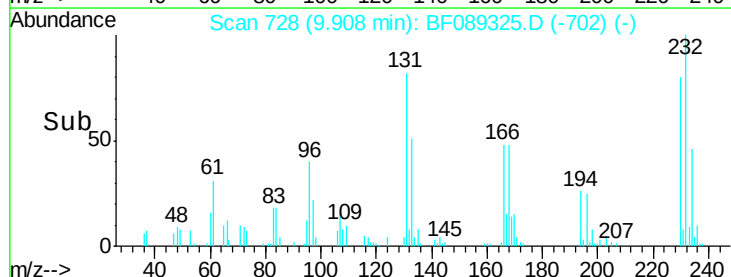


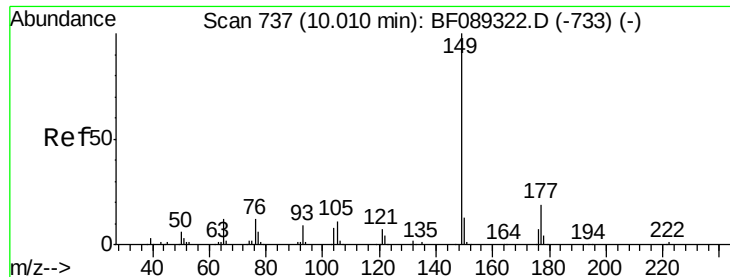
Abundance Ion 232.00 (231.70 to 232.70): E

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

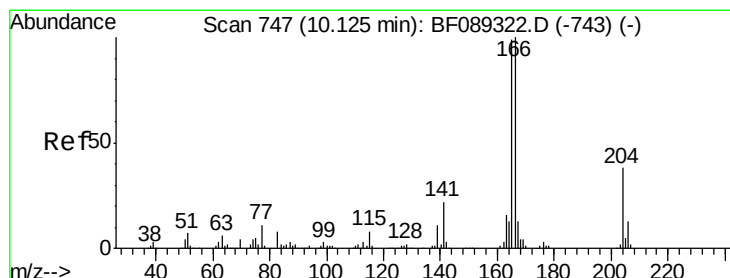
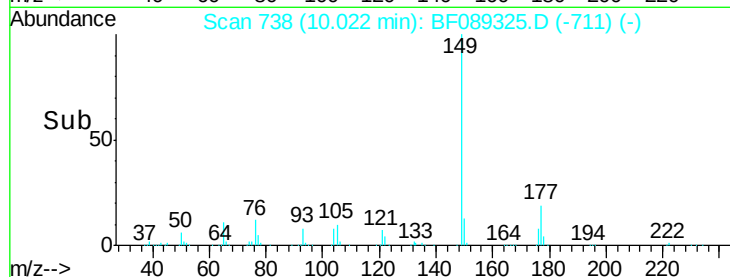
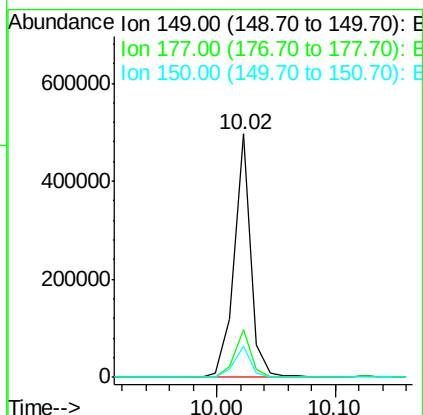
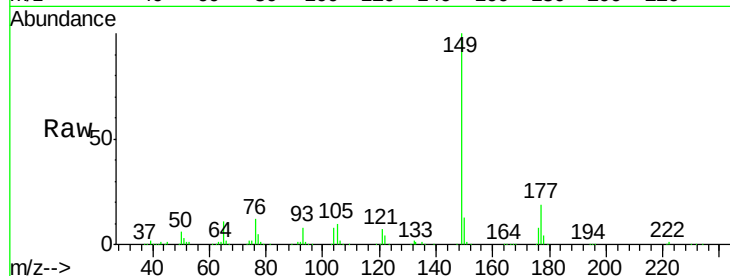




#59
Diethylphthalate
Concen: 75.91 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

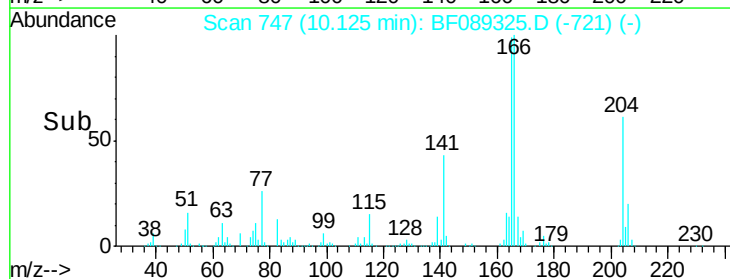
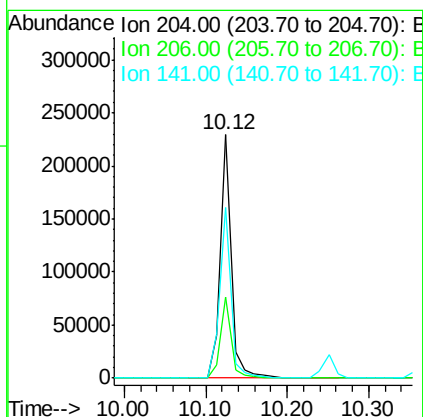
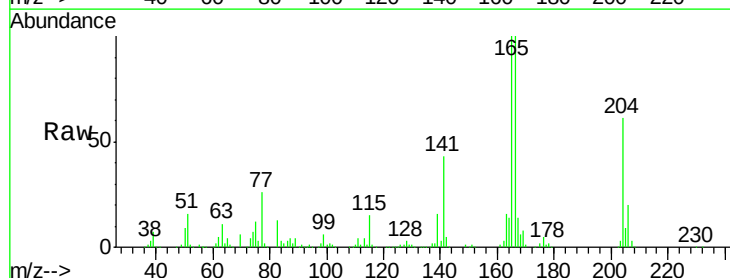
Instrument :
BNA_F
ClientSampleId :

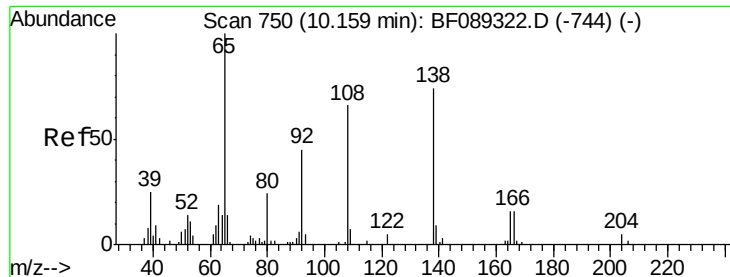
Tot Ion:149 Resp: 486763
Ion Ratio Lower Upper
149 100
177 19.5 15.1 22.7
150 12.9 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 76.58 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:204 Resp: 213923
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 70.2 46.6 70.0#





#61

4-Nitroaniline

Concen: 67.28 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

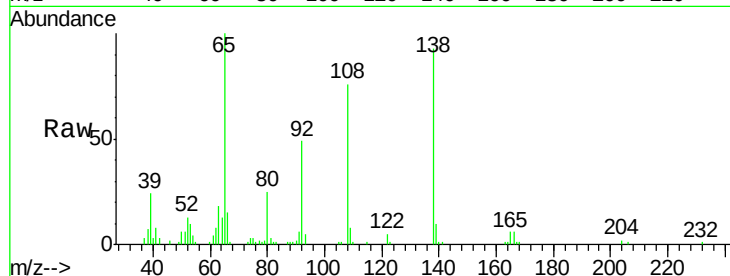
Tot Ion:138 Resp: 112117

Ion Ratio Lower Upper

138 100

92 52.9 41.2 81.2

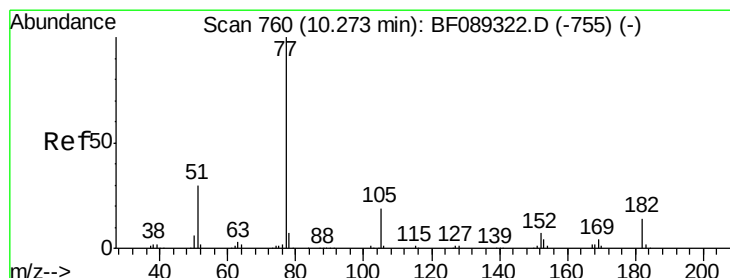
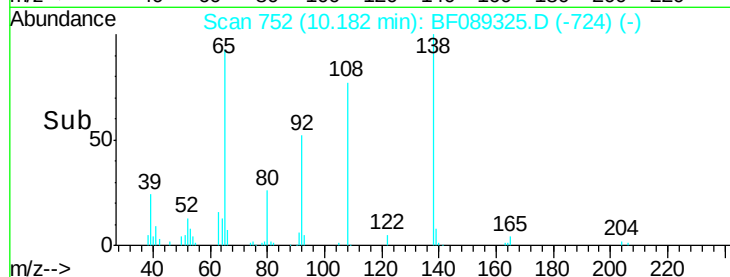
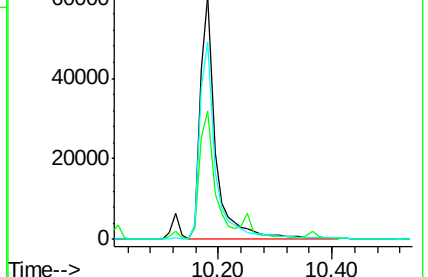
108 81.3 69.6 109.6



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: 75.59 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion: 77 Resp: 525977

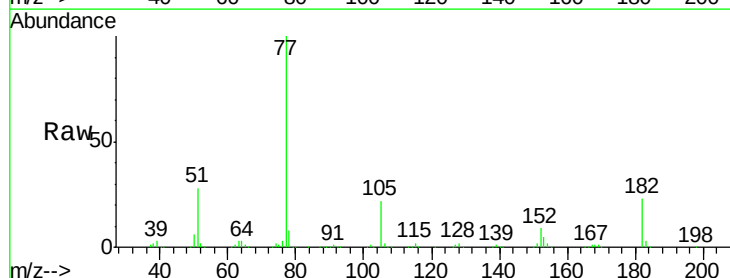
Ion Ratio Lower Upper

77 100

182 23.2 0.0 33.8

105 22.5 0.0 39.8

51 27.6 11.0 51.0

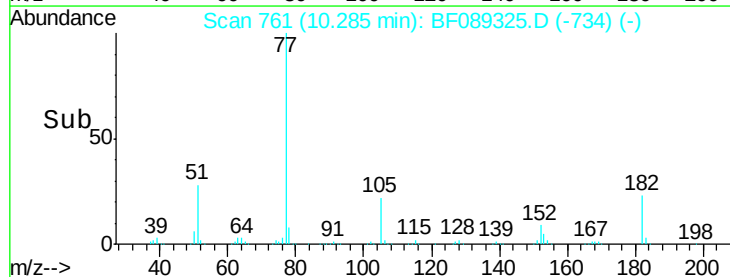
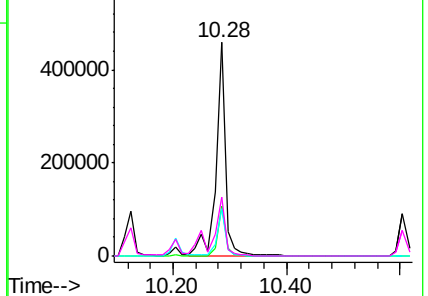


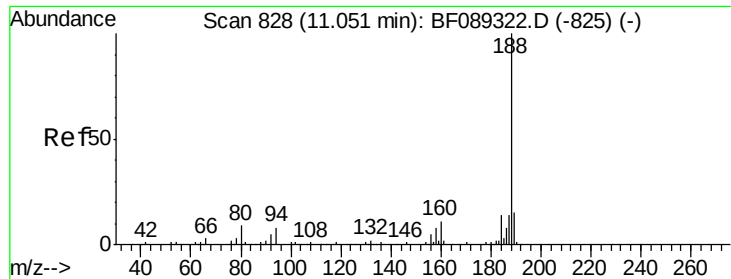
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

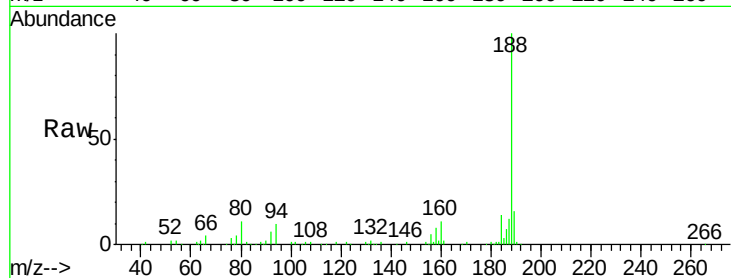




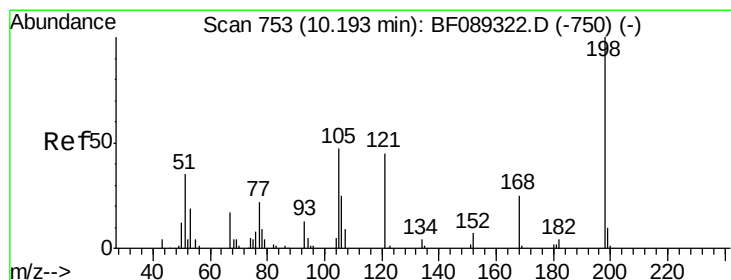
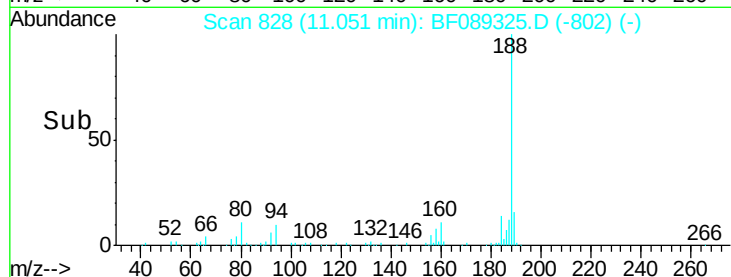
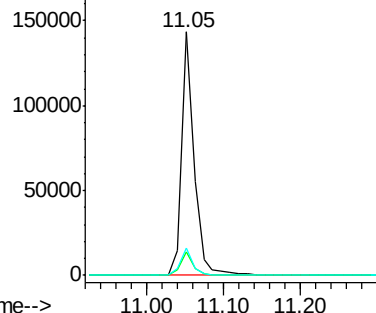
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 160567
Ion Ratio Lower Upper
188 100
94 9.7 6.5 9.7
80 11.2 7.2 10.8#

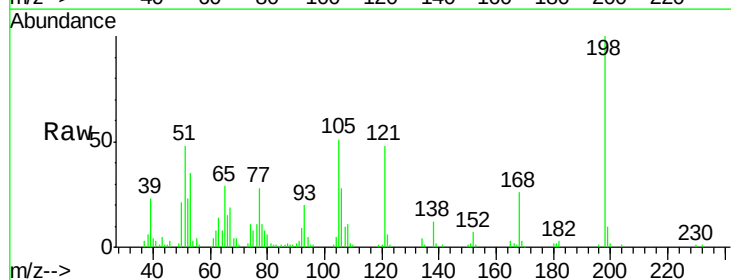


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

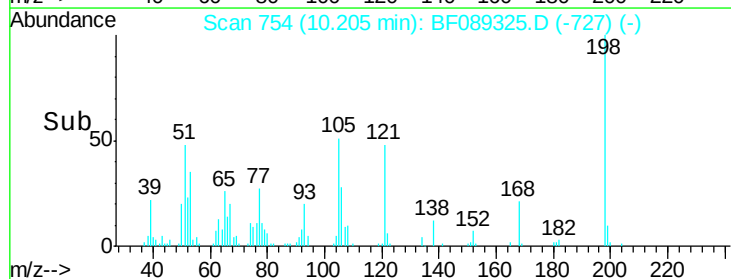
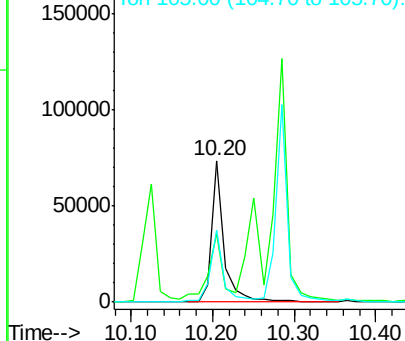


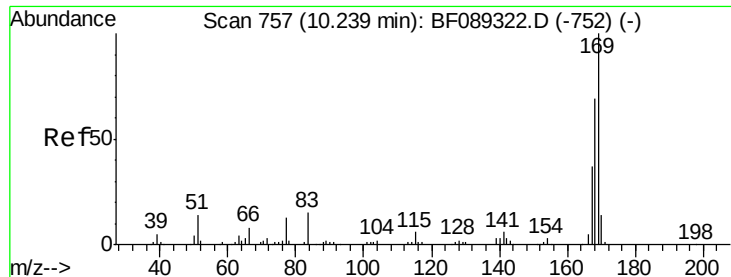
#64
4,6-Dinitro-2-methylphenol
Concen: 87.96 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:198 Resp: 81054
Ion Ratio Lower Upper
198 100
51 48.0 23.0 63.0
105 50.8 28.3 68.3



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: 74.87 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

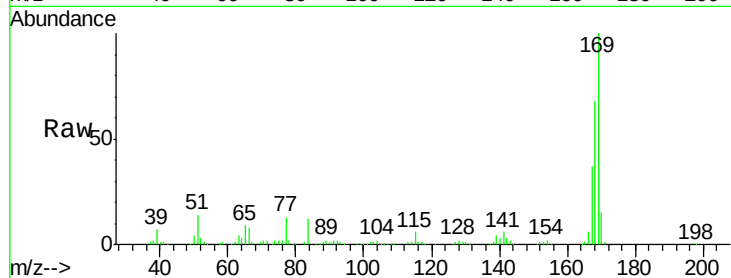
Tot Ion:169 Resp: 401246

Ion Ratio Lower Upper

169 100

168 68.5 55.4 83.0

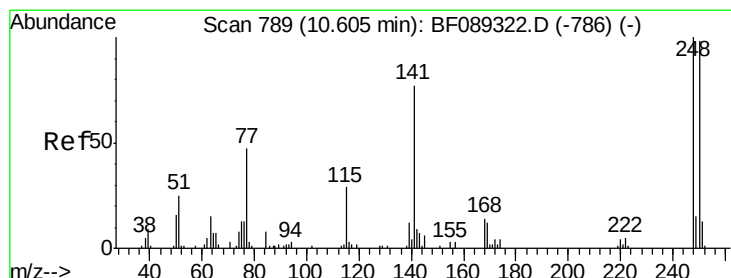
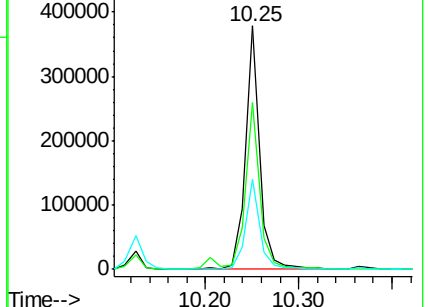
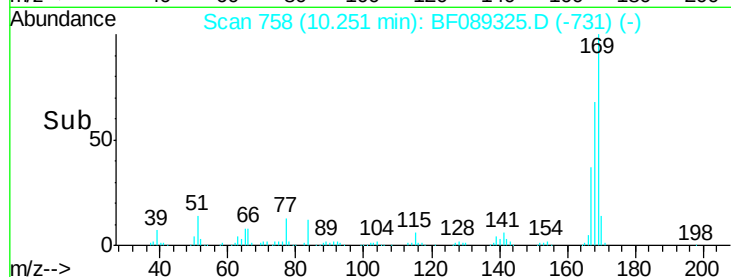
167 37.2 29.7 44.5



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: 75.53 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

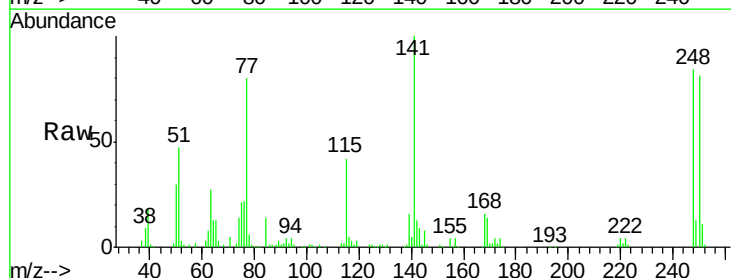
Tgt Ion:248 Resp: 120204

Ion Ratio Lower Upper

248 100

250 96.6 78.2 117.2

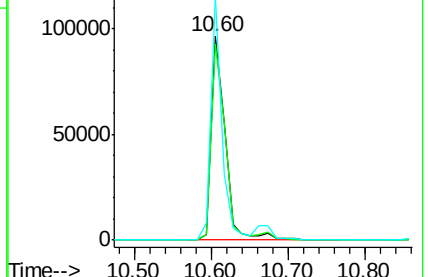
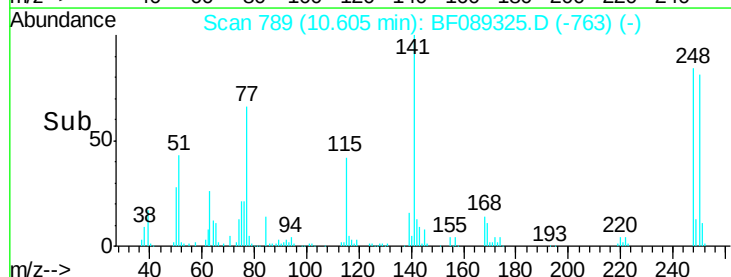
141 119.7 62.0 93.0#

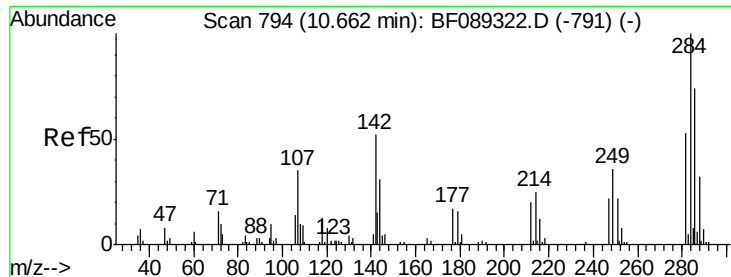


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 77.89 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

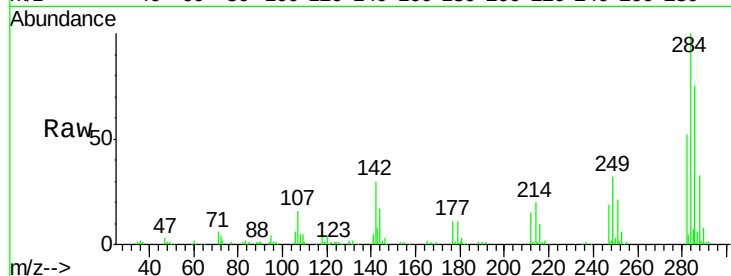
Tot Ion:284 Resp: 131604

Ion Ratio Lower Upper

284 100

142 29.7 42.2 63.4#

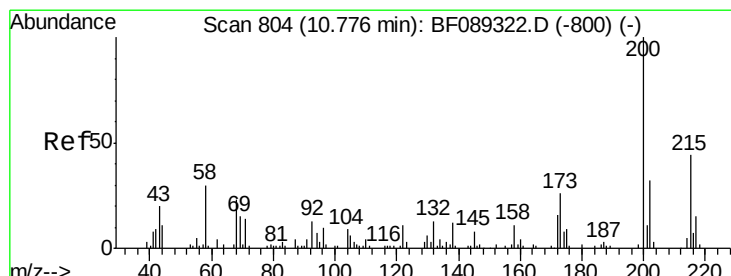
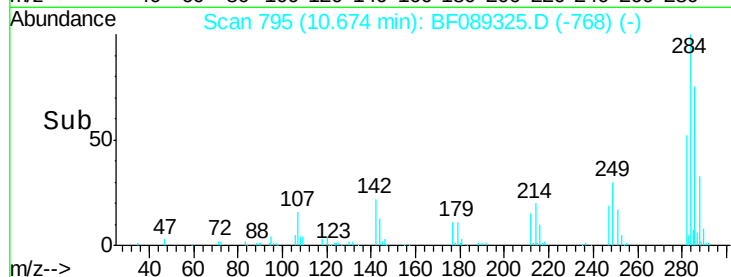
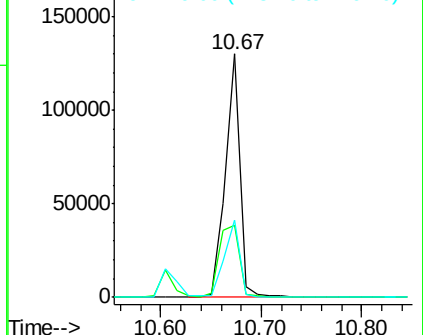
249 31.8 29.4 44.0



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: 76.62 ng

RT: 10.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

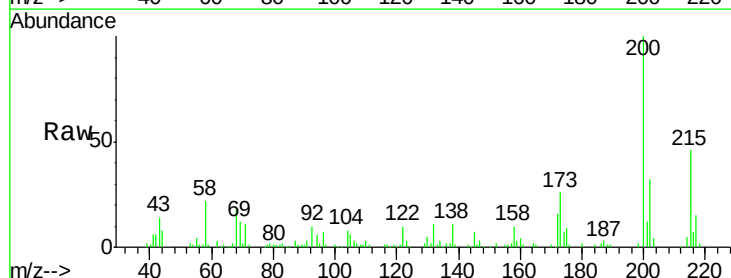
Tgt Ion:200 Resp: 127942

Ion Ratio Lower Upper

200 100

173 25.8 6.0 46.0

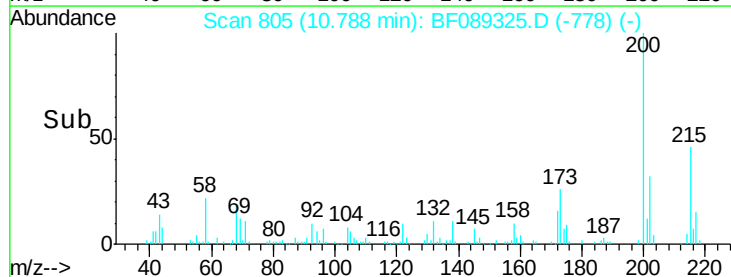
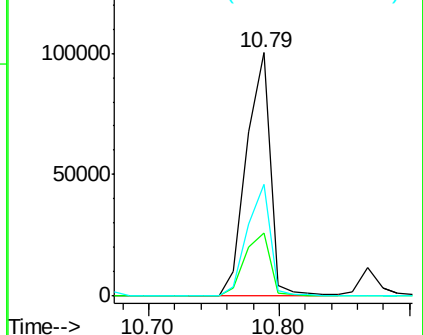
215 45.7 24.3 64.3

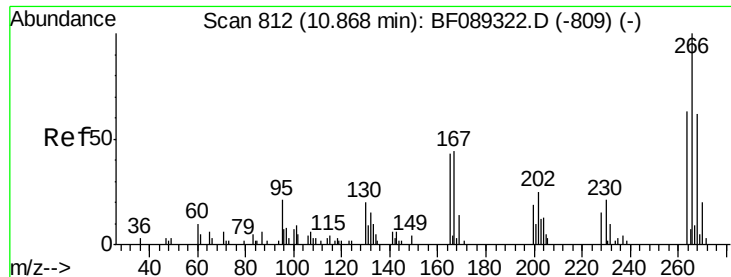


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

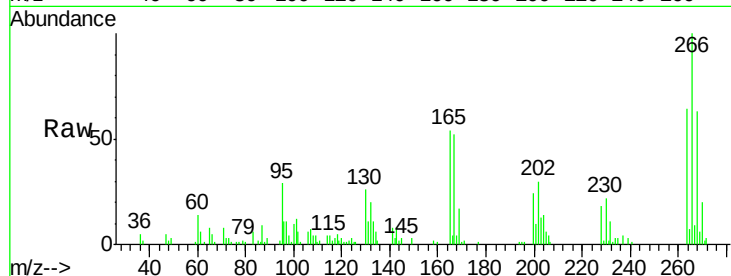




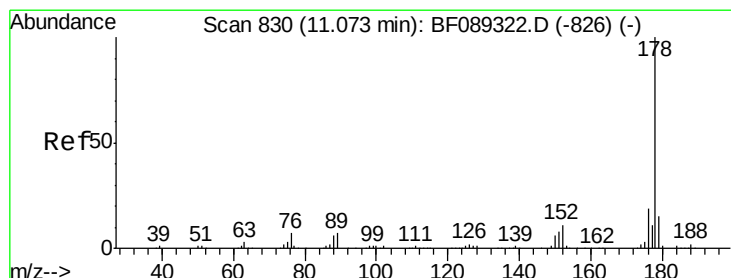
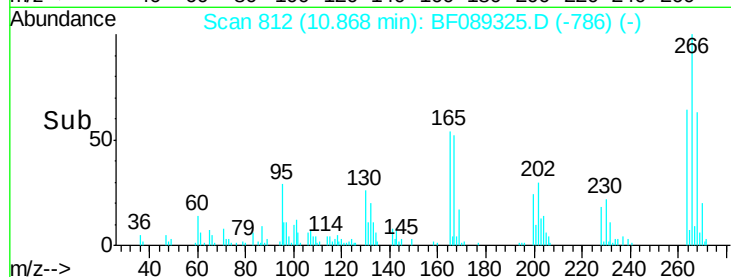
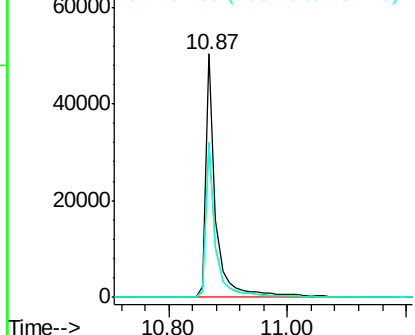
#69
 Pentachlorophenol
 Concen: 80.07 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 60586
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.4 74.2
 264 64.0 50.2 75.2

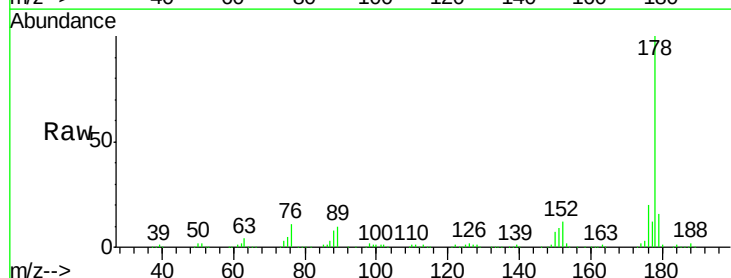


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

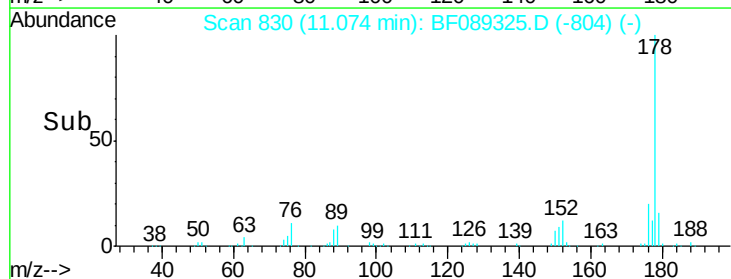
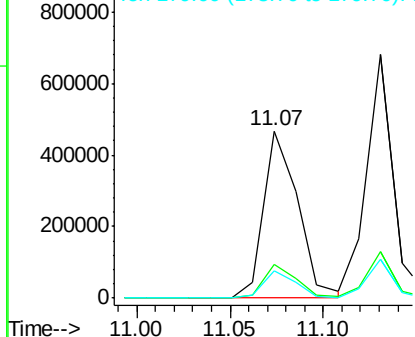


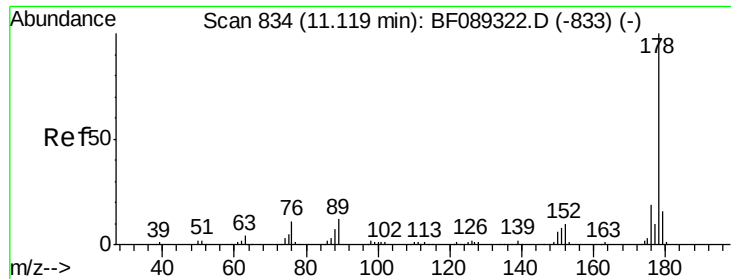
#70
 Phenanthrene
 Concen: 67.08 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:178 Resp: 593937
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 16.0 12.3 18.5



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

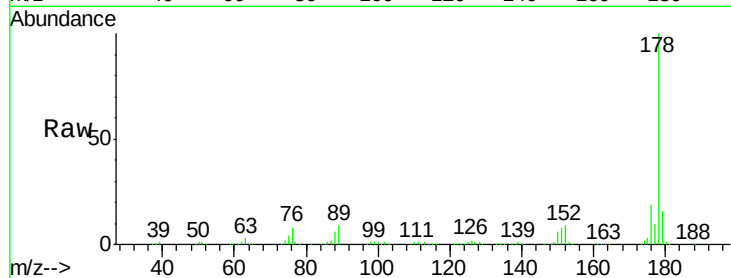




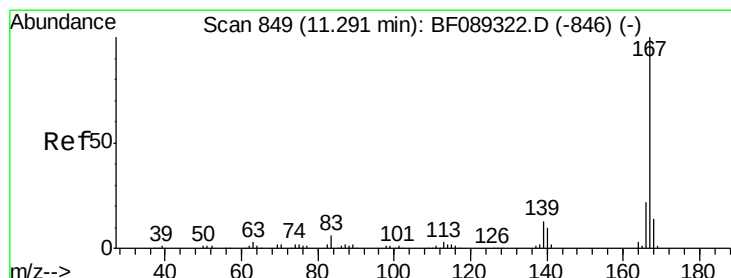
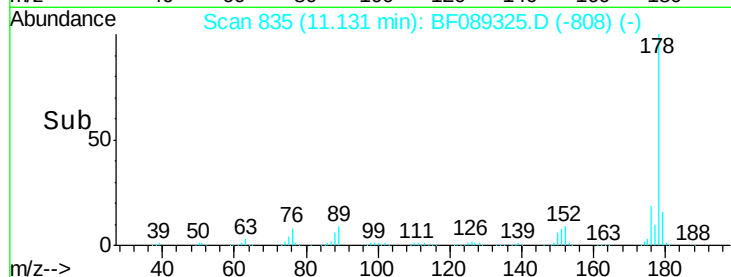
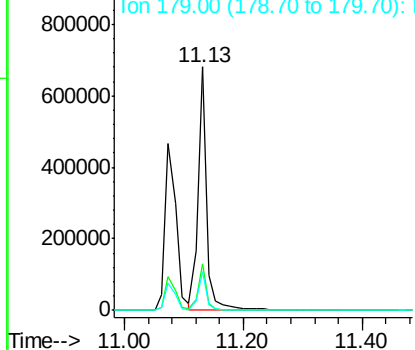
#71
 Anthracene
 Concen: 77.54 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 704970
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.8 22.2
 179 15.7 12.6 18.8

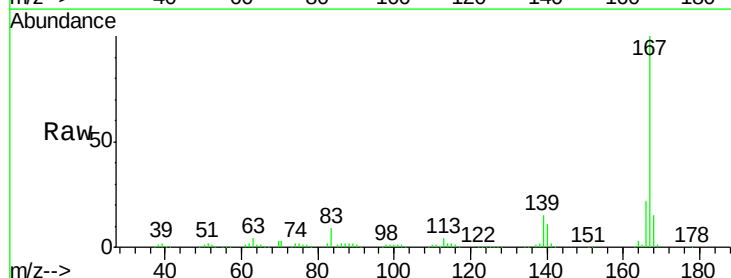


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

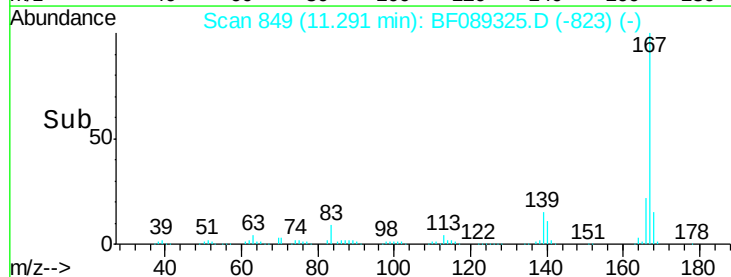
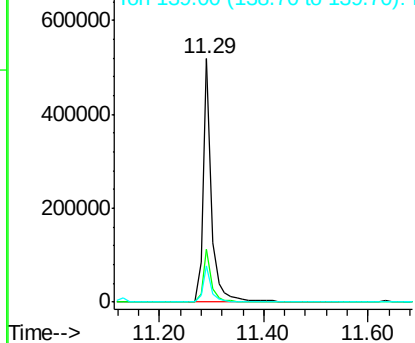


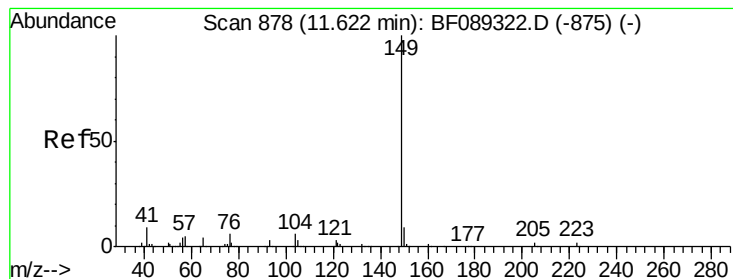
#72
 Carbazole
 Concen: 73.58 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:167 Resp: 580833
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.7 10.1 15.1



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





#73

Di-n-butylphthalate

Concen: 85.60 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

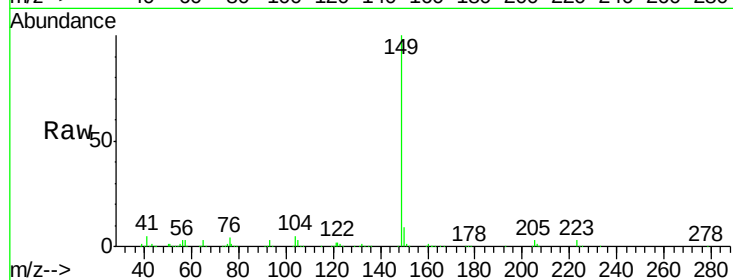
Tot Ion:149 Resp: 859704

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

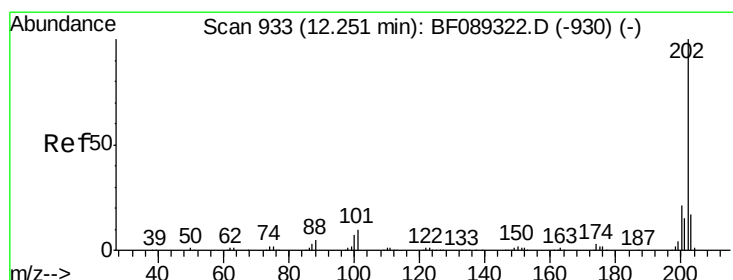
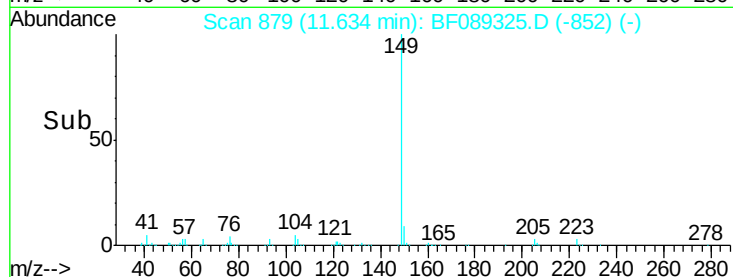
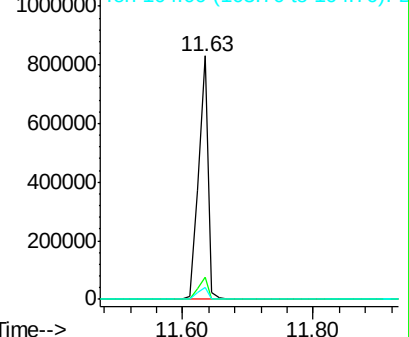
104 4.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 66.24 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

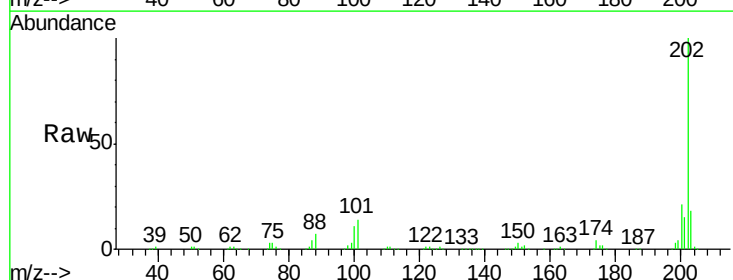
Tgt Ion:202 Resp: 617794

Ion Ratio Lower Upper

202 100

101 14.1 0.0 29.9

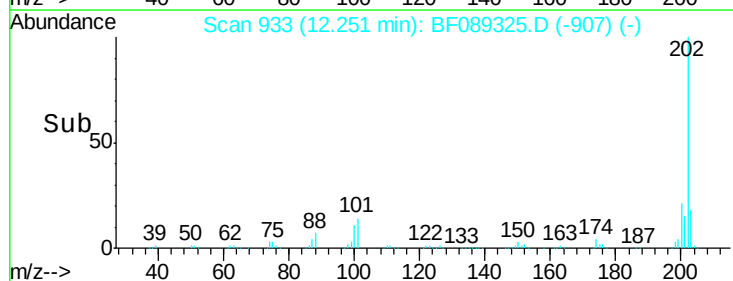
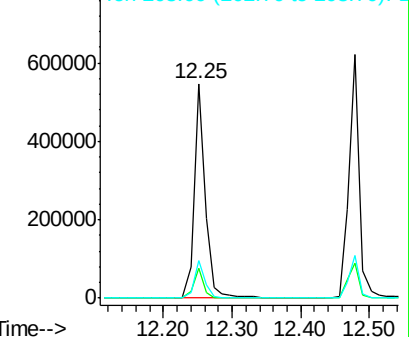
203 17.7 0.0 37.3

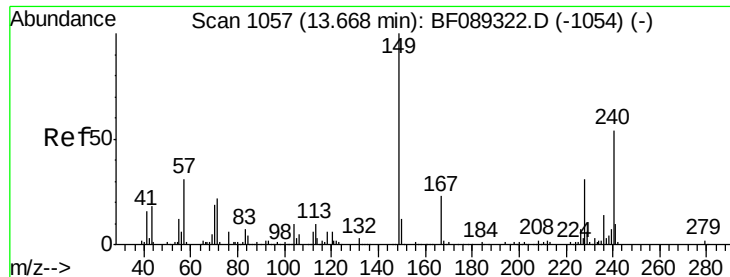


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

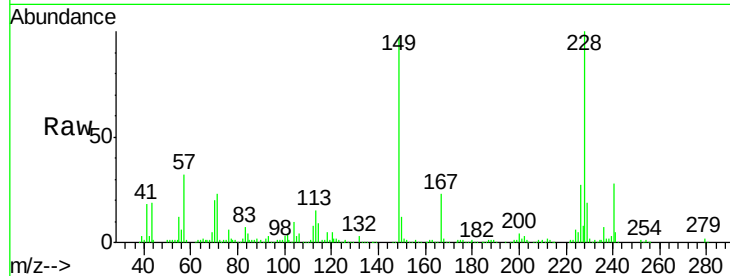
Tot Ion:240 Resp: 101159

Ion Ratio Lower Upper

240 100

120 16.7 9.1 13.7#

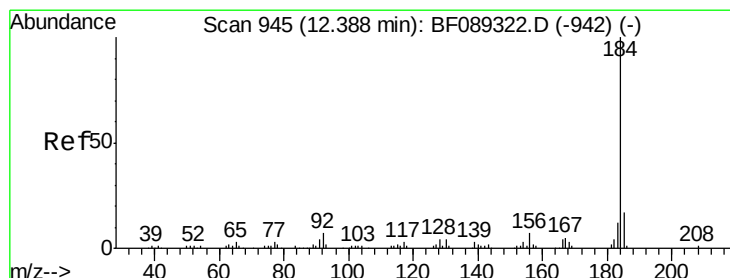
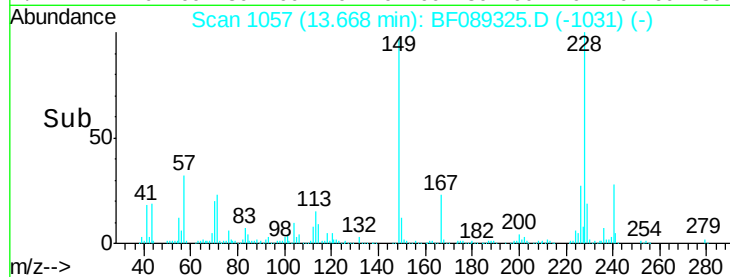
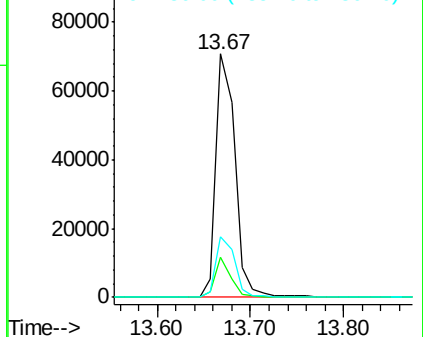
236 25.1 20.6 30.8



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: 86.94 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

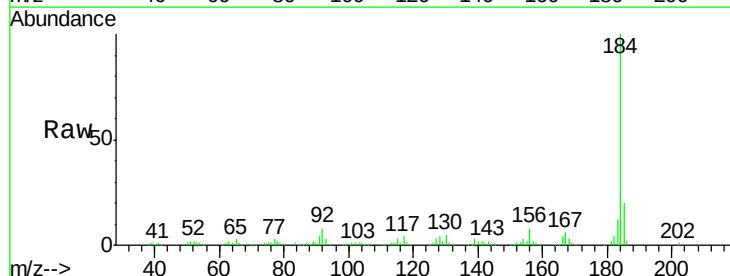
Tgt Ion:184 Resp: 304568

Ion Ratio Lower Upper

184 100

185 19.7 13.5 20.3

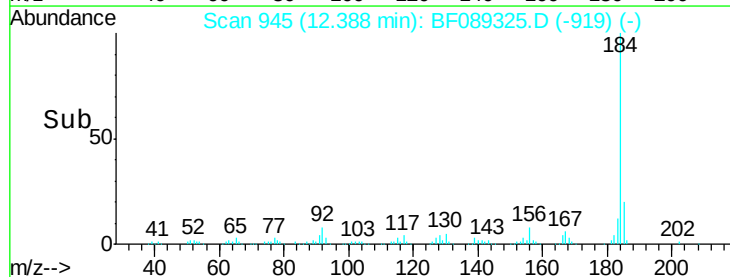
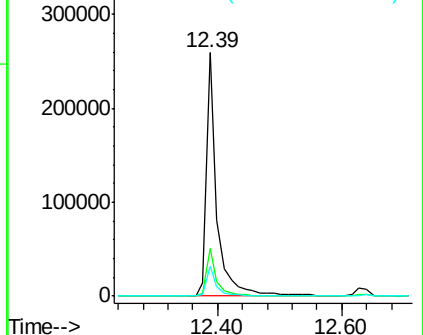
183 12.1 9.8 14.6

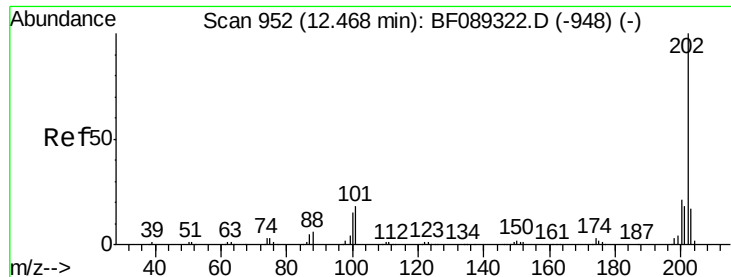


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

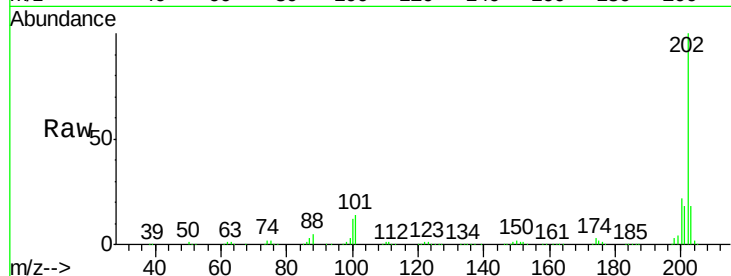




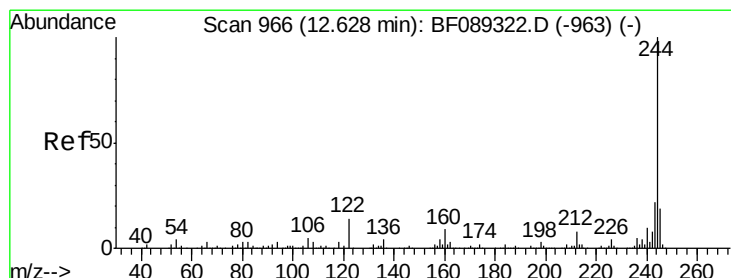
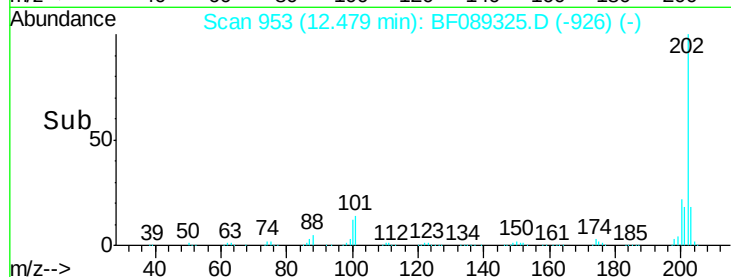
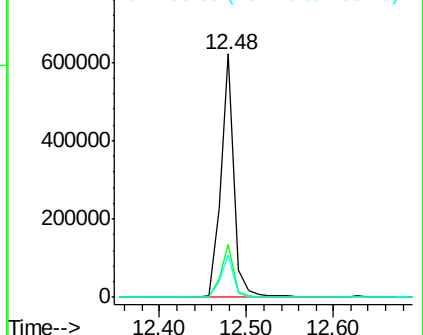
#77
 Pvrene
 Concen: 80.44 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 657362
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.9 25.3
 203 17.6 14.0 21.0

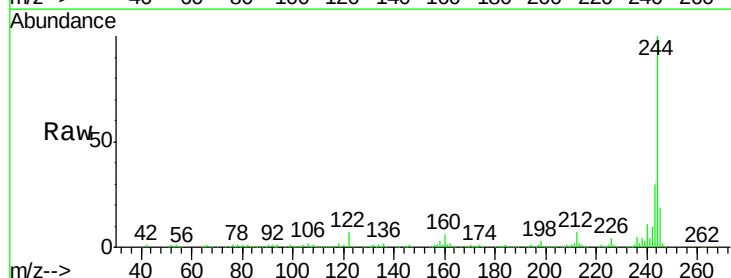


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

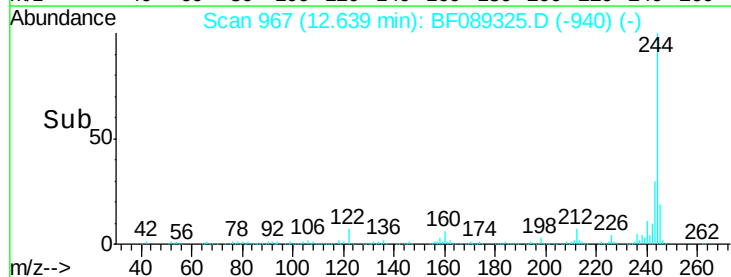
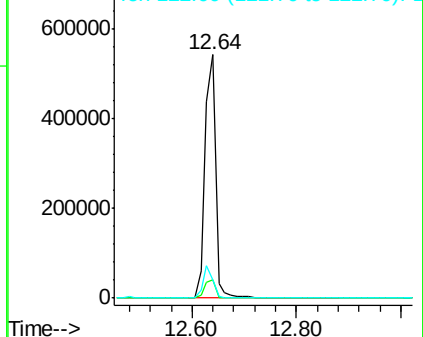


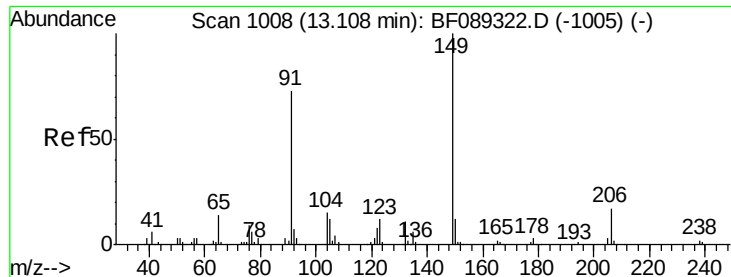
#78
 Terphenyl-d14
 Concen: 164.68 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:244 Resp: 765626
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 7.3 11.4 17.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

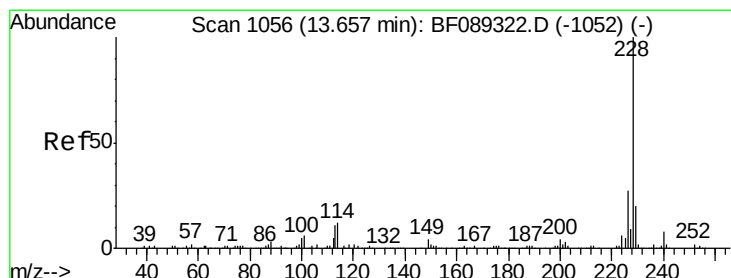
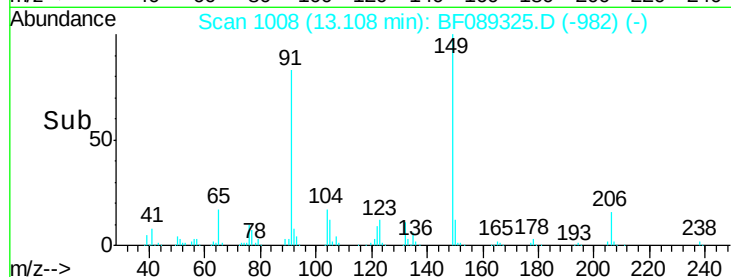
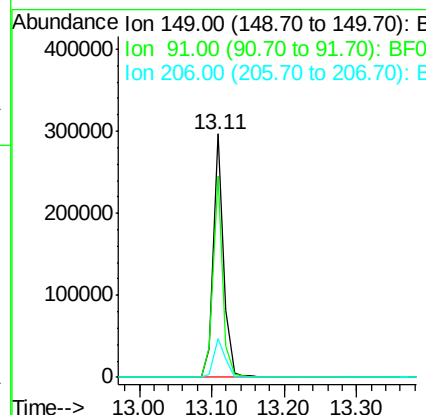
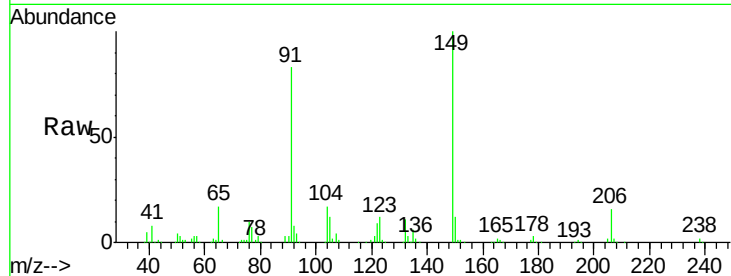




#79
Butylbenzylphthalate
Concen: 82.42 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

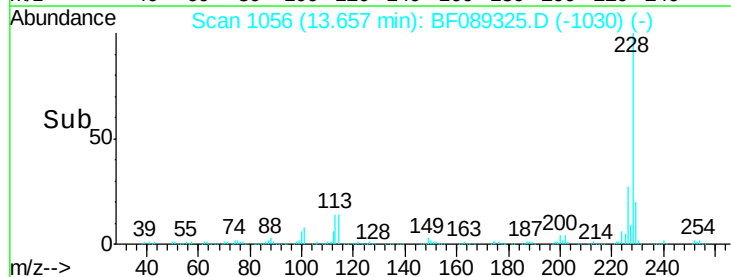
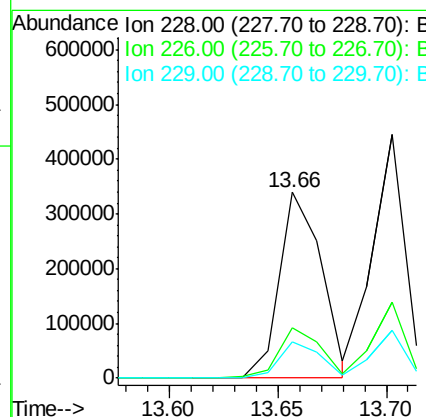
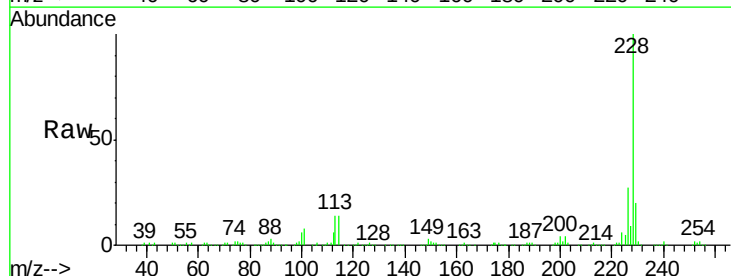
Instrument :
BNA_F
ClientSampleId :

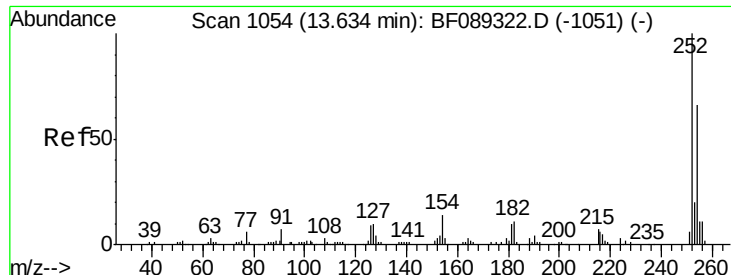
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.9	58.5	87.7
206	16.0	13.8	20.8



#80
Benzo(a)anthracene
Concen: 72.34 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.7	15.9	23.9

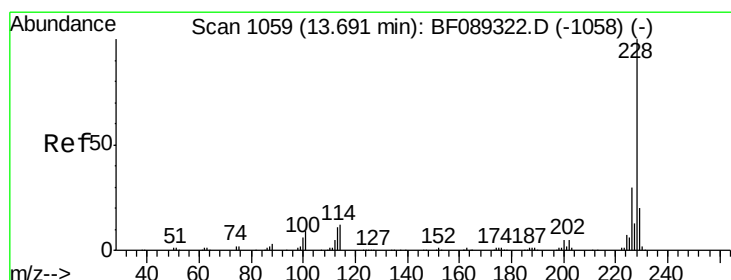
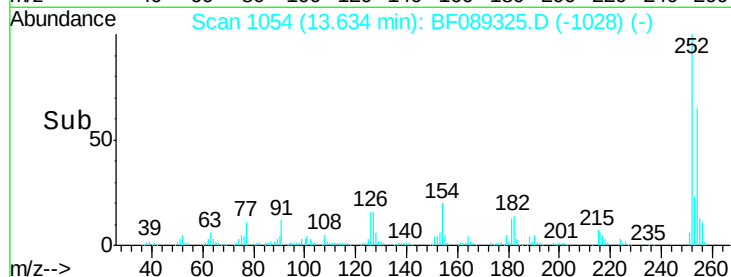
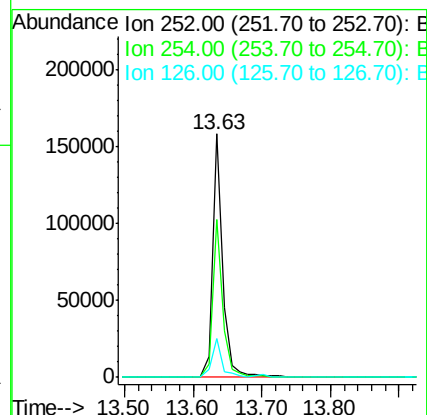
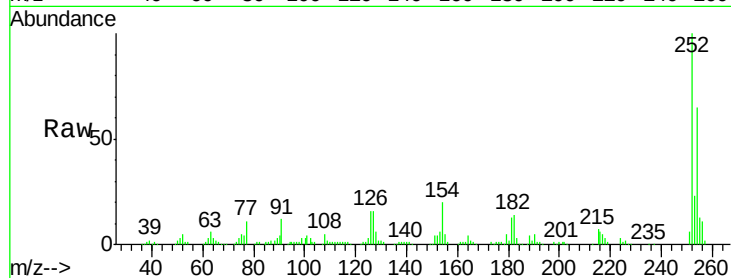




#81
 3,3'-Dichlorobenzidine
 Concen: 78.06 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

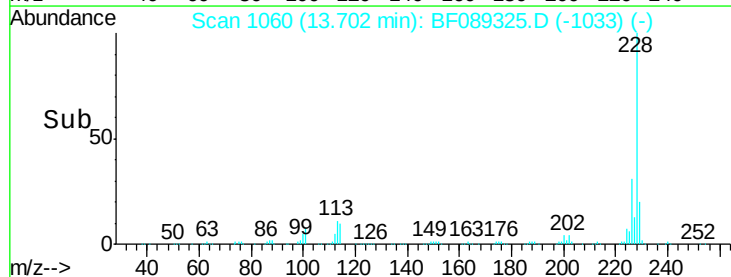
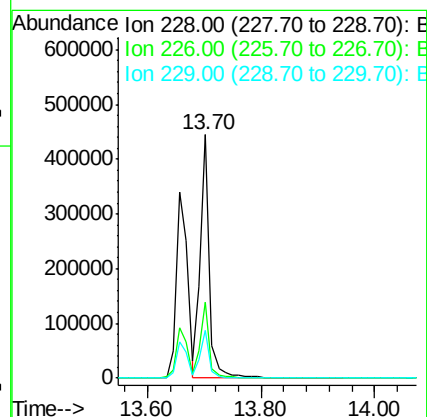
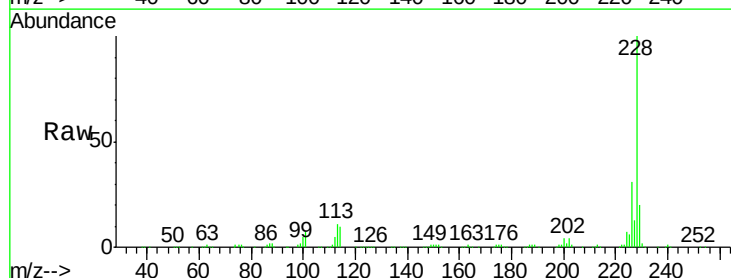
Instrument :
 BNA_F
 ClientSampleId :

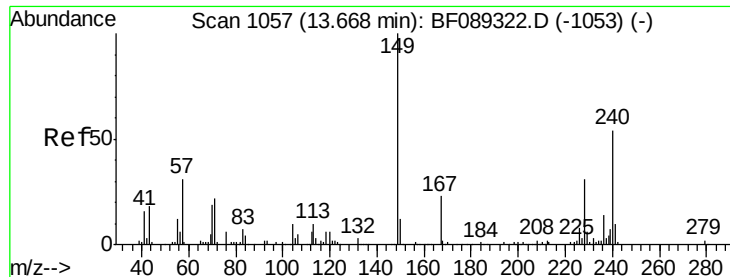
Tot Ion:252 Resp: 163126
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.5 78.7
 126 16.0 7.4 11.2#



#82
 Chrysene
 Concen: 82.30 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:228 Resp: 496421
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.2 36.2
 229 19.7 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 93.91 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

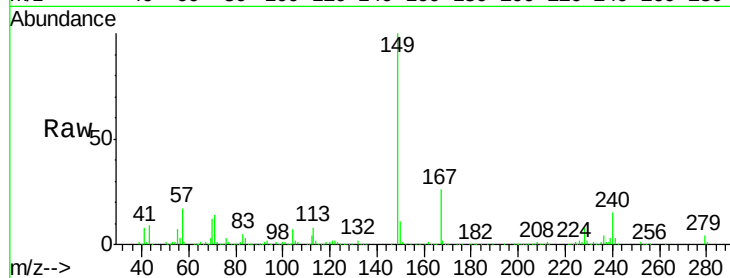
Tot Ion:149 Resp: 443899

Ion Ratio Lower Upper

149 100

167 26.4 18.8 28.2

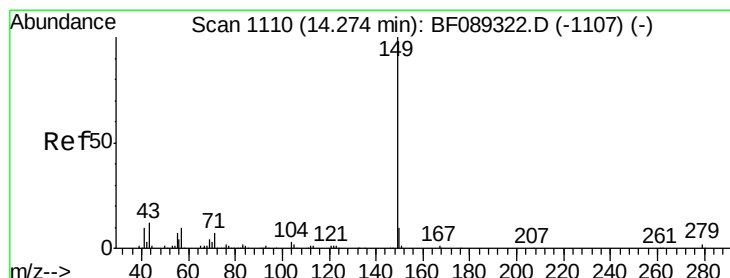
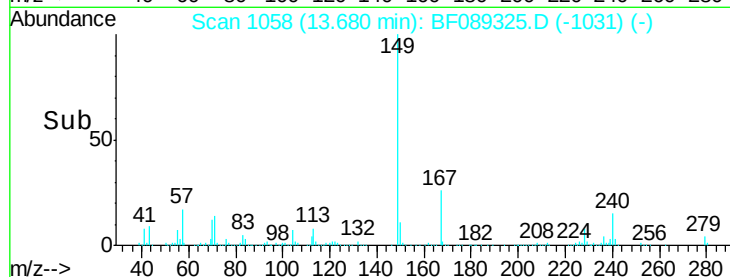
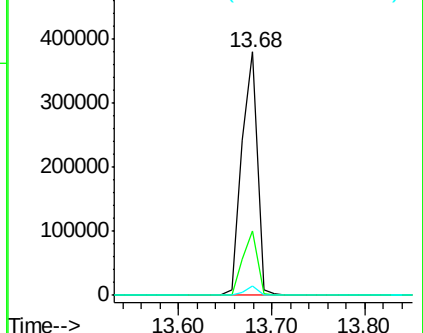
279 3.7 1.4 2.0#



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: 87.10 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

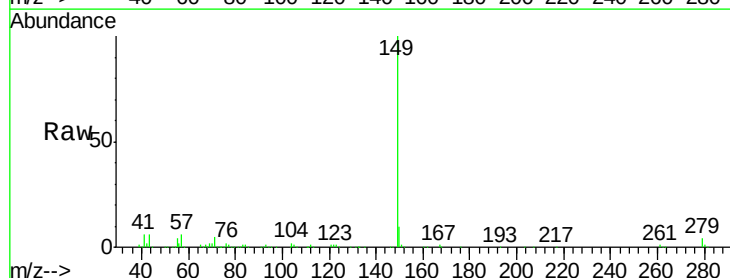
Tgt Ion:149 Resp: 671851

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

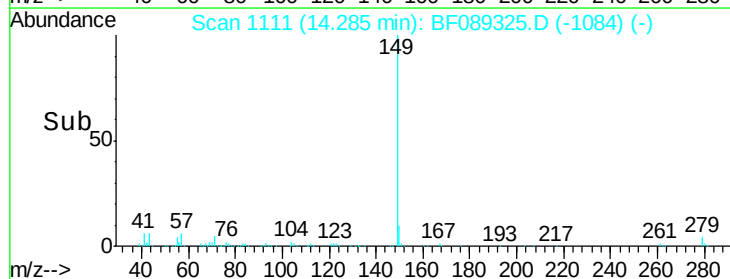
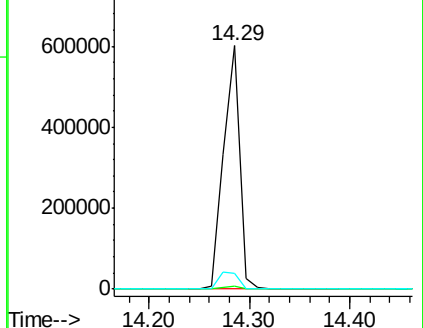
43 8.7 7.3 10.9

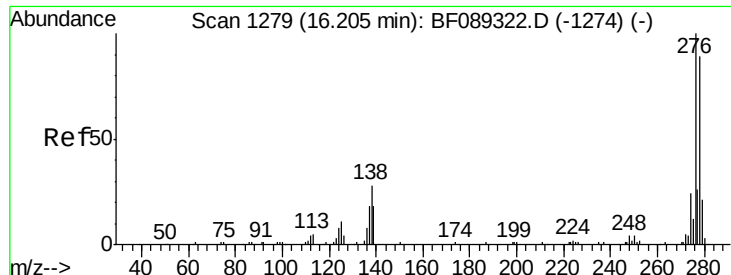


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

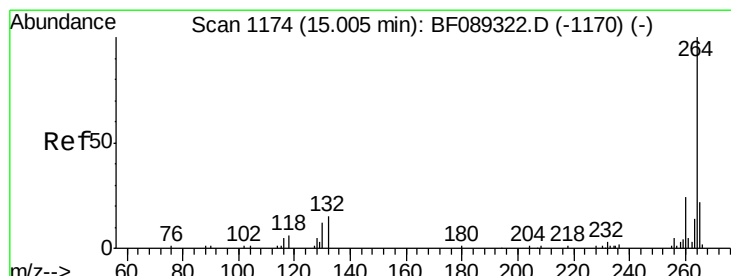
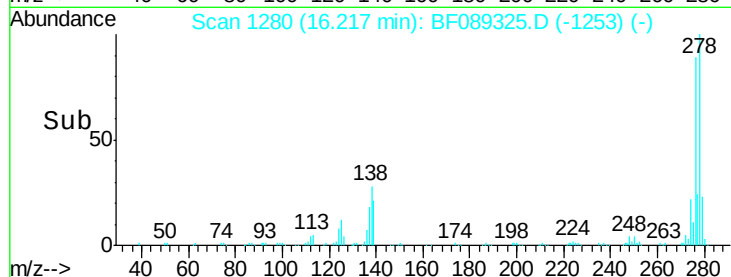
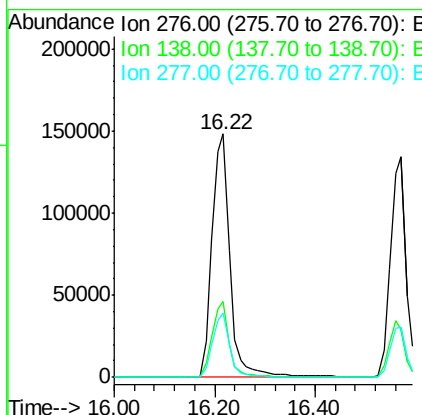
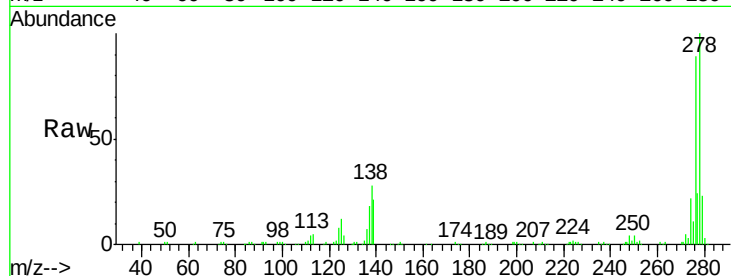




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 83.74 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

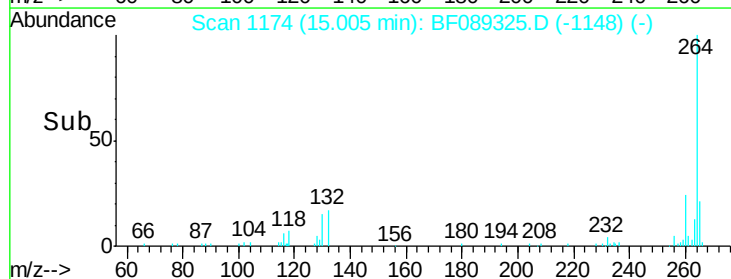
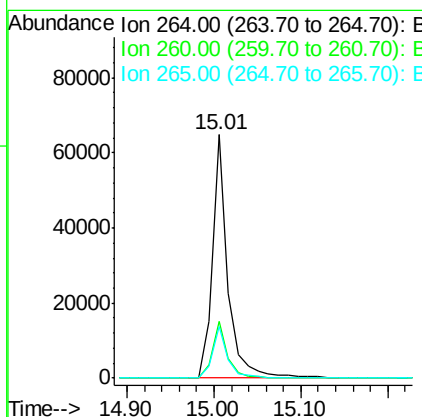
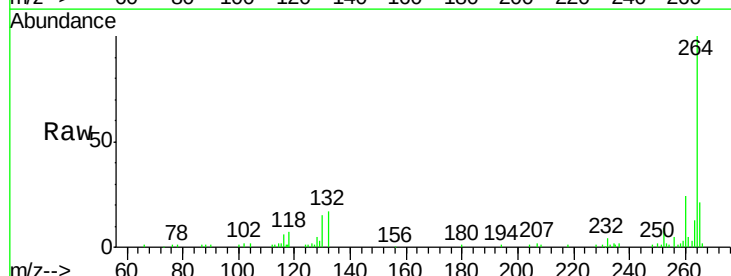
Instrument :
 BNA_F
 ClientSampleId :

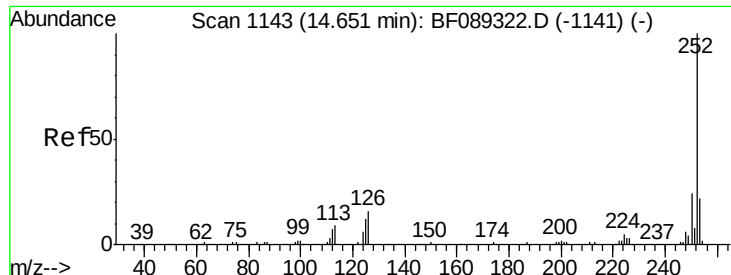
Tot Ion:276 Resp: 368364
 Ion Ratio Lower Upper
 276 100
 138 29.5 23.0 34.4
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:264 Resp: 80897
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.0 17.5 26.3

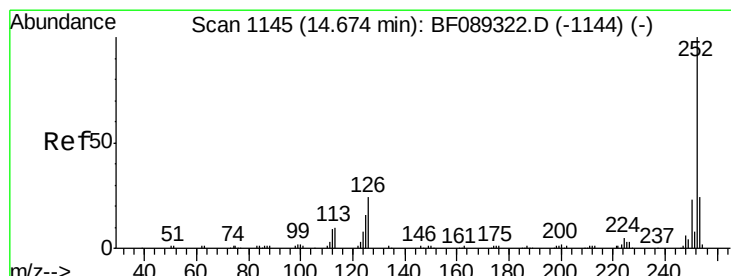
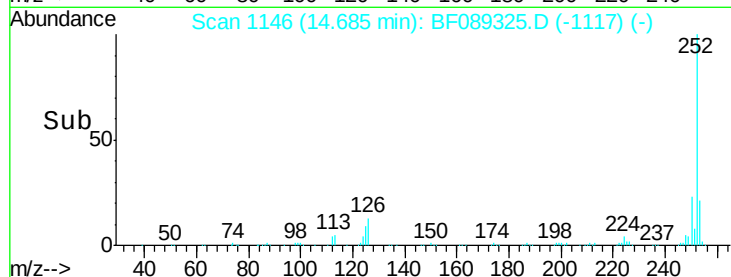
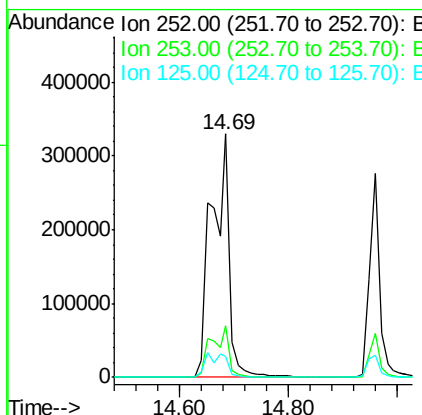
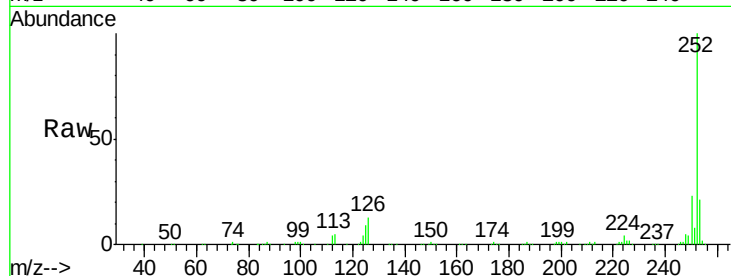




#87
Benzo(b)fluoranthene
Concen: 137.60 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.03 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

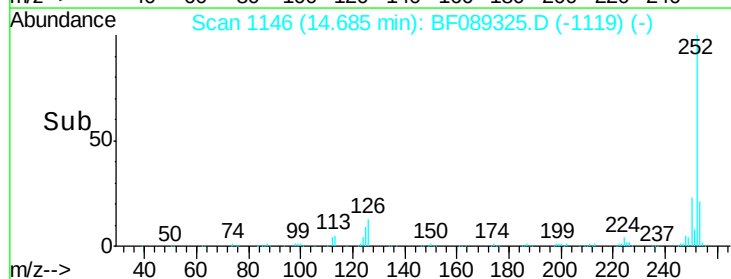
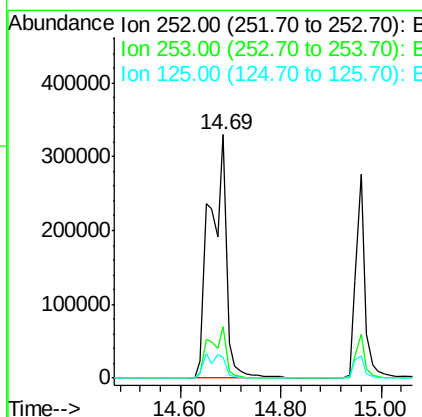
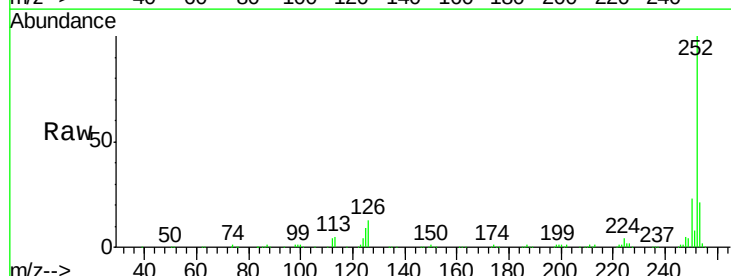
Instrument :
BNA_F
ClientSampleId :

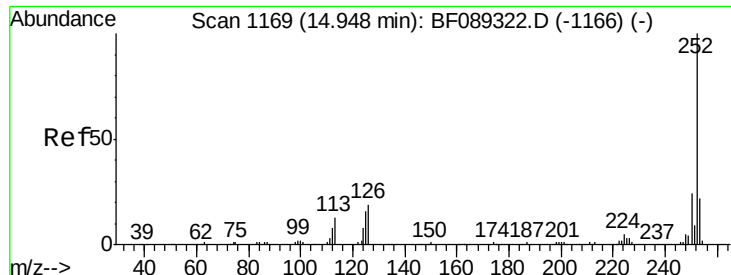
Tot Ion:252 Resp: 764610
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 8.8 9.7 14.5#



#88
Benzo(k)fluoranthene
Concen: 173.12 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:252 Resp: 765393
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 8.8 10.7 16.1#

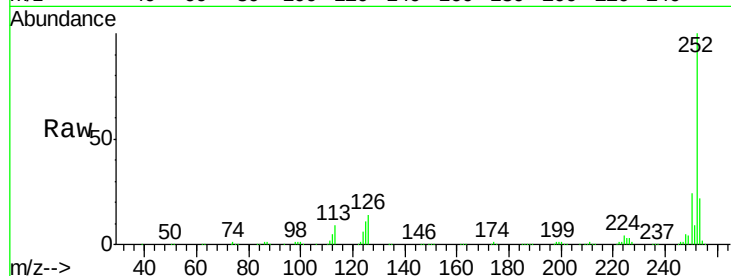




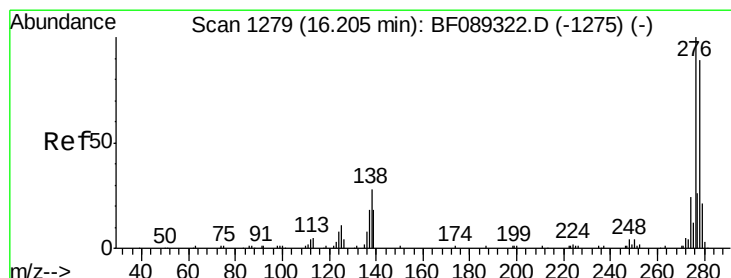
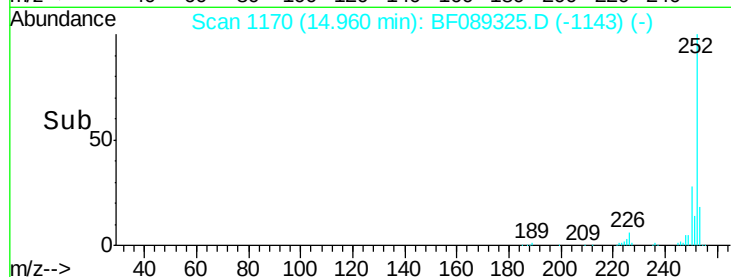
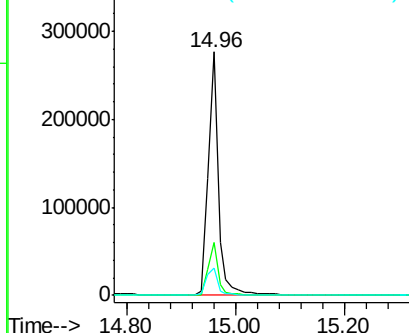
#89
Benzo(a)pyrene
Concen: 77.96 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 354664
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.1 12.4 18.6#

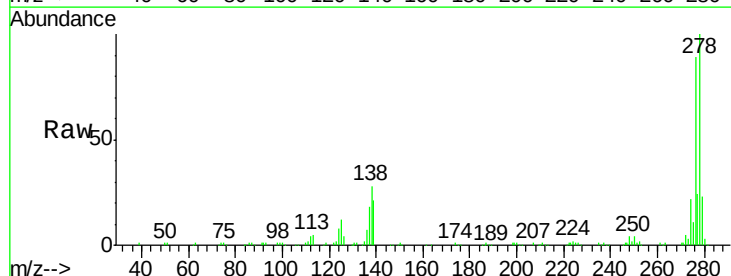


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

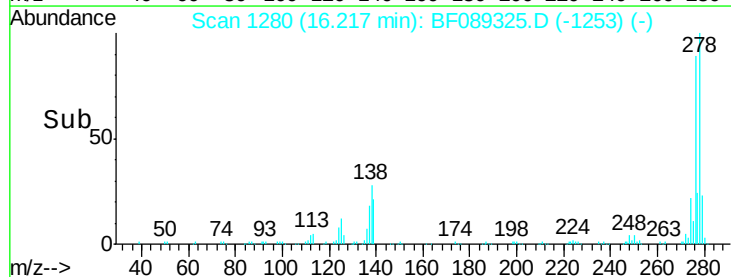
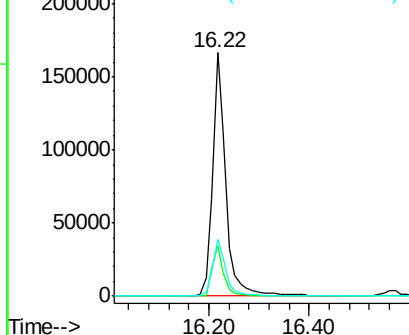


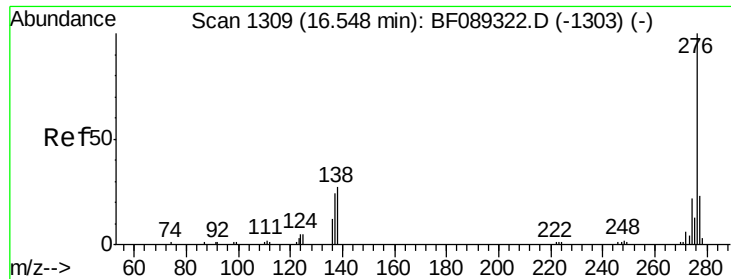
#90
Dibenzo(a,h)anthracene
Concen: 84.66 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:278 Resp: 303631
Ion Ratio Lower Upper
278 100
139 20.6 16.3 24.5
279 23.3 19.1 28.7



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





#91

Benzo(a,h,i)perylene

Concen: 84.40 ng

RT: 16.57 min Scan# 1311

Delta R.T. 0.02 min

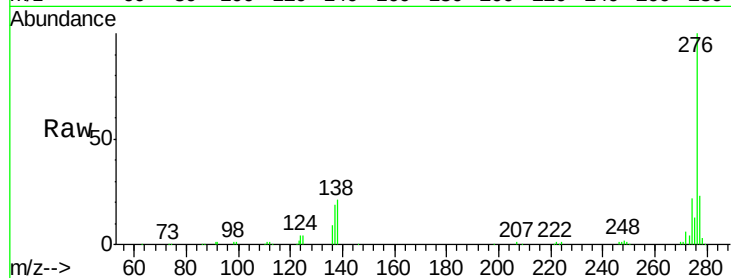
Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 304831

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 21.5 21.4 32.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

