

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089417.D
 Acq On : 29 Jul 2016 19:04
 Operator : UM/SJ
 Sample : PB92476BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Quant Time: Jul 29 23:31:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	40928	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	171155	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	75007	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	137822	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	74320	20.00	ng	-0.03
86) Perylene-d12	14.97	264	80304	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	340581	132.87	ng	-0.01
7) Phenol-d6	6.18	99	438165	129.35	ng	-0.02
23) Nitrobenzene-d5	7.10	82	296187	102.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	78259	125.98	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	504324	98.67	ng	-0.03
78) Terphenyl-d14	12.59	244	341621	107.58	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	46435	39.98	ng	# 92
3) Pyridine	2.58	79	111842	44.60	ng	98
4) n-Nitrosodimethylamine	2.56	42	50652	48.89	ng	99
6) Aniline	6.18	93	98653	26.97	ng	# 73
8) 2-Chlorophenol	6.31	128	139250	48.03	ng	97
9) Benzaldehyde	6.06	77	75262	45.50	ng	96
10) Phenol	6.19	94	178749	47.82	ng	93
11) bis(2-Chloroethyl)ether	6.26	93	139549	43.94	ng	90
12) 1,3-Dichlorobenzene	6.68	146	130711	43.10	ng	99
13) 1,4-Dichlorobenzene	6.54	146	150722	45.03	ng	95
14) 1,2-Dichlorobenzene	6.68	146	146341	46.67	ng	94
15) Benzyl Alcohol	6.67	79	113036	53.77	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.81	45	153441	44.29	ng	98
17) 2-Methylphenol	6.80	107	101656	45.36	ng	98
18) Hexachloroethane	7.03	117	57476	44.79	ng	# 84
19) n-Nitroso-di-n-propylamine	6.95	70	99816	48.87	ng	# 89
20) 3+4-Methylphenols	6.96	107	142492	49.51	ng	91
22) Acetophenone	6.94	105	181984	44.66	ng	# 96
24) Nitrobenzene	7.11	77	141017	42.73	ng	90
25) Isophorone	7.35	82	274116	46.93	ng	97
26) 2-Nitrophenol	7.43	139	71709	48.60	ng	# 89
27) 2,4-Dimethylphenol	7.48	122	121170	51.55	ng	98
28) bis(2-Chloroethoxy)methane	7.58	93	176692	54.65	ng	97
29) 2,4-Dichlorophenol	7.68	162	110857	51.76	ng	98
30) 1,2,4-Trichlorobenzene	7.75	180	118198	48.37	ng	97
31) Naphthalene	7.83	128	425306	50.18	ng	100
32) Benzoic acid	7.62	122	44934	27.43	ng	98
33) 4-Chloroaniline	7.90	127	35409	10.97	ng	95
34) Hexachlorobutadiene	7.95	225	63796	45.58	ng	98
35) Caprolactam	8.26	113	18255	28.24	ng	93
36) 4-Chloro-3-methylphenol	8.39	107	119909	47.10	ng	96
37) 2-Methylnaphthalene	8.51	142	253549	49.65	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	107109	40.81	ng	99
40) Hexachlorocyclopentadiene	8.67	237	64541	85.56	ng	97

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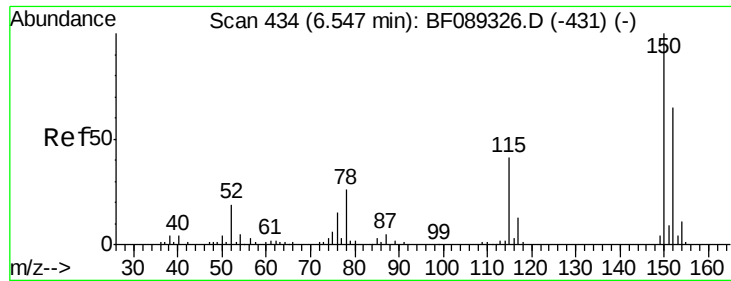
Instrument :
 BNA_F
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Quant Time: Jul 29 23:31:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	66858	53.57	ng	96
43) 2,4,5-Trichlorophenol	8.84	196	74817	47.33	ng	# 81
45) 1,1'-Biphenyl	8.98	154	300139	47.00	ng	96
46) 2-Chloronaphthalene	9.00	162	247738	51.65	ng	93
47) 2-Nitroaniline	9.11	65	77022	54.23	ng	# 79
48) Acenaphthylene	9.40	152	373808	49.48	ng	100
49) Dimethylphthalate	9.29	163	277586	48.63	ng	98
50) 2,6-Dinitrotoluene	9.36	165	59839	51.02	ng	# 78
51) Acenaphthene	9.58	154	214653	48.66	ng	99
52) 3-Nitroaniline	9.52	138	24024	19.41	ng	# 77
53) 2,4-Dinitrophenol	9.64	184	23316	52.95	ng	88
54) Dibenzofuran	9.75	168	324752	54.02	ng	94
55) 4-Nitrophenol	9.75	139	197937	309.15	ng	# 11
56) 2,4-Dinitrotoluene	9.76	165	83736	54.23	ng	# 77
57) Fluorene	10.09	166	253761	48.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	56381	53.42	ng	96
59) Diethylphthalate	9.99	149	302013	52.19	ng	98
60) 4-Chlorophenyl-phenylether	10.09	204	122330	50.82	ng	# 87
61) 4-Nitroaniline	10.14	138	52238	40.94	ng	89
62) Azobenzene	10.25	77	333704	55.99	ng	90
64) 4,6-Dinitro-2-methylphenol	10.17	198	23563	30.10	ng	93
65) n-Nitrosodiphenylamine	10.22	169	235847	54.84	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	67211	51.08	ng	# 71
67) Hexachlorobenzene	10.64	284	69070	51.22	ng	# 76
68) Atrazine	10.74	200	62729	47.48	ng	94
69) Pentachlorophenol	10.83	266	49978	76.76	ng	98
70) Phenanthrene	11.04	178	335446	47.19	ng	100
71) Anthracene	11.10	178	386858	48.95	ng	100
72) Carbazole	11.26	167	310671	46.70	ng	99
73) Di-n-butylphthalate	11.60	149	458692	51.39	ng	99
74) Fluoranthene	12.22	202	307894	41.18	ng	96
76) Benzidine	12.35	184	62947	22.92	ng	97
77) Pyrene	12.44	202	302791	53.76	ng	99
79) Butylbenzylphthalate	13.07	149	134022	52.34	ng	88
80) Benzo(a)anthracene	13.62	228	205062	48.89	ng	99
81) 3,3'-Dichlorobenzidine	13.60	252	43852	29.05	ng	98
82) Chrysene	13.66	228	209365	46.90	ng	100
83) Bis(2-ethylhexyl)phthalate	13.65	149	189734	51.25	ng	# 95
84) Di-n-octyl phthalate	14.25	149	288794	50.00	ng	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	251578	79.26	ng	99
87) Benzo(b)fluoranthene	14.62	252	446050	89.44	ng	98
88) Benzo(k)fluoranthene	14.62	252	446559	97.40	ng	98
89) Benzo(a)pyrene	14.91	252	219267	49.01	ng	100
90) Dibenzo(a,h)anthracene	16.16	278	212502	60.30	ng	99
91) Benzo(g,h,i)perylene	16.50	276	204736	59.10	ng	97

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

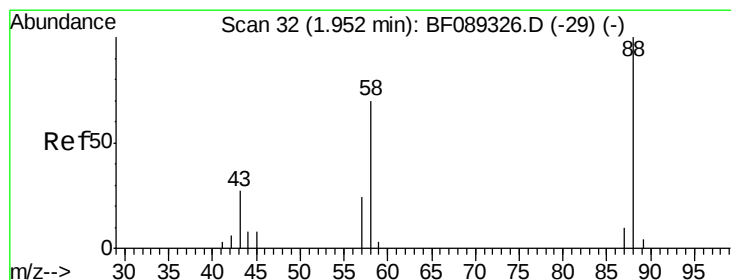
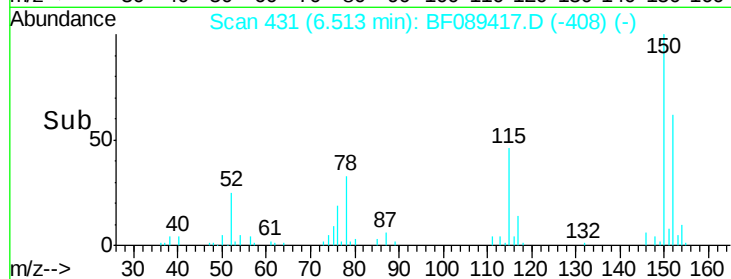
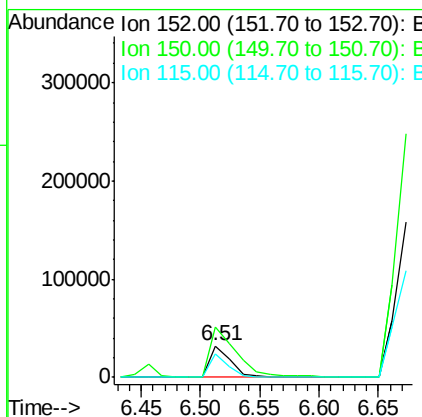
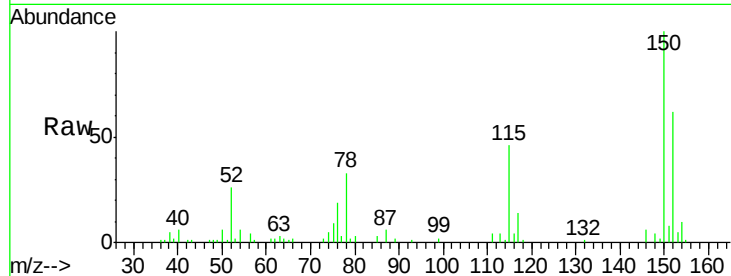
Page: 3



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

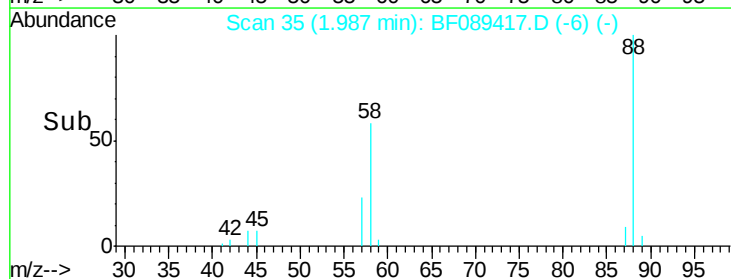
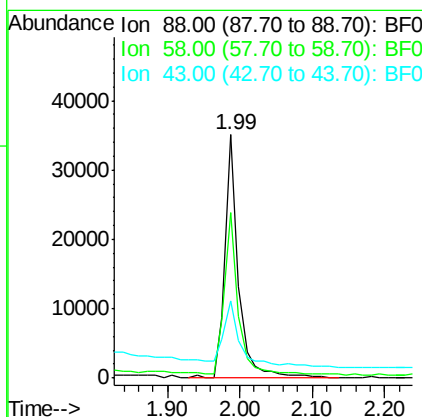
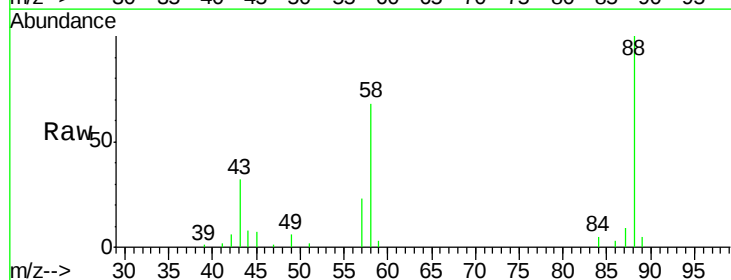
Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

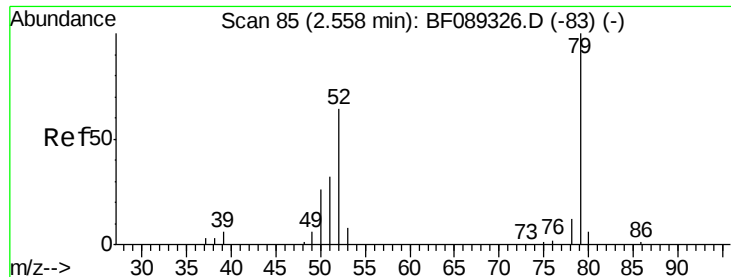
Tgt Ion:152 Resp: 40928
 Ion Ratio Lower Upper
 152 100
 150 161.2 129.5 194.3
 115 74.8 51.4 77.2



#2
 1,4-Dioxane
 Concen: 39.98 ng
 RT: 1.99 min Scan# 35
 Delta R.T. 0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion: 88 Resp: 46435
 Ion Ratio Lower Upper
 88 100
 58 68.1 53.2 79.8
 43 37.1 20.6 31.0#





#3

Pyridine

Concen: 44.60 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.01 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

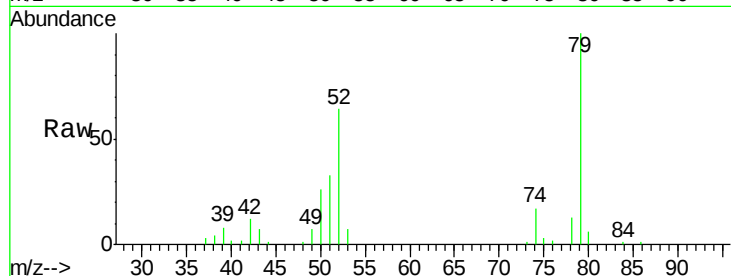
Tgt Ion: 79 Resp: 111842

Ion Ratio Lower Upper

79 100

52 63.8 51.9 77.9

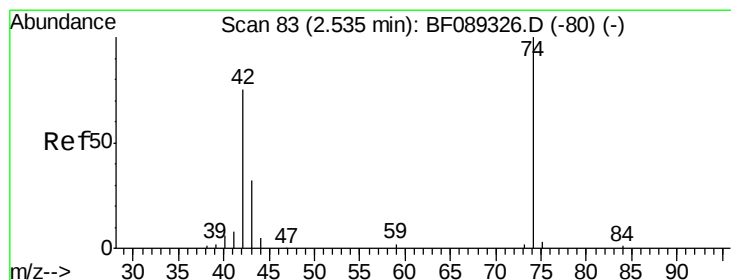
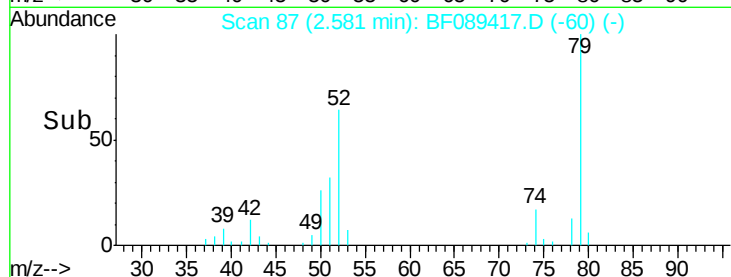
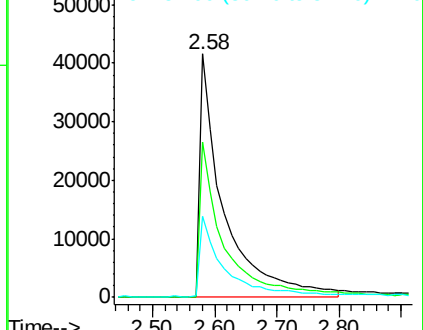
51 33.1 28.2 42.4



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: 48.89 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

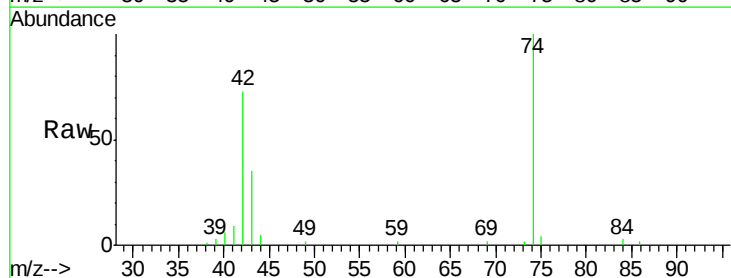
Tgt Ion: 42 Resp: 50652

Ion Ratio Lower Upper

42 100

74 136.9 110.8 166.2

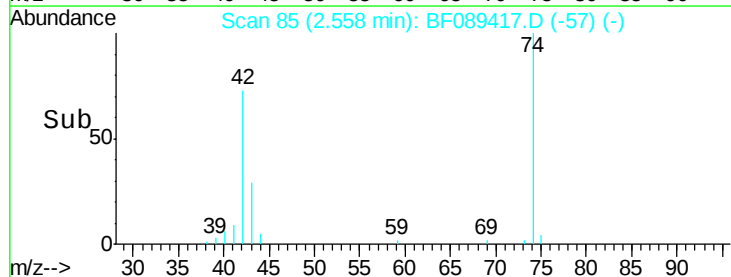
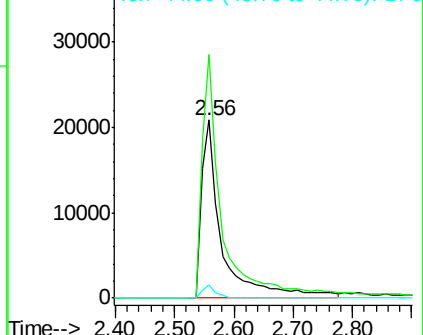
44 7.2 5.2 7.8

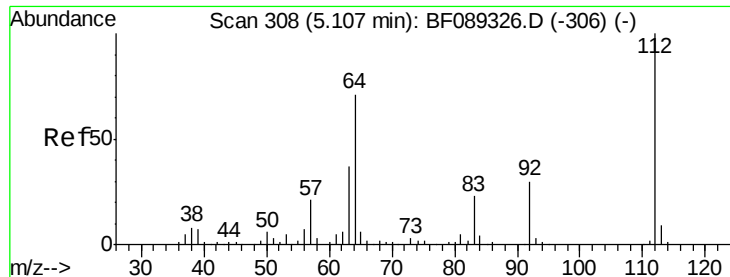


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 132.87 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

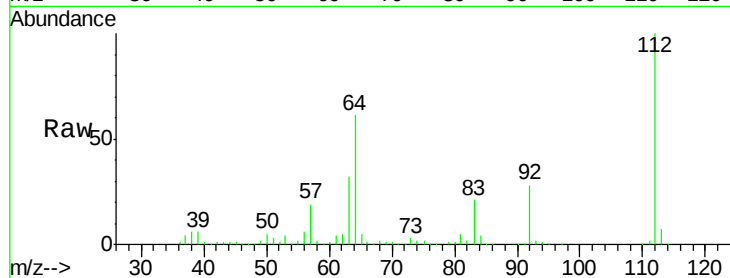
Instrument :

BNA_F

ClientSampleId :

PB92476BS

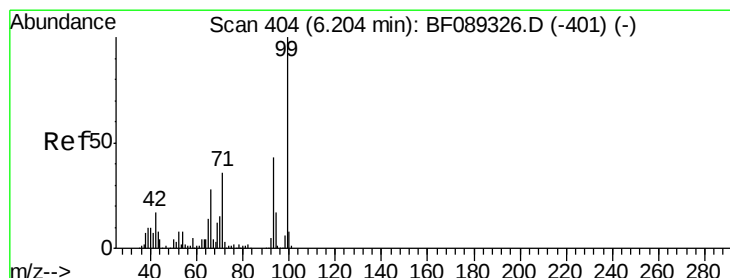
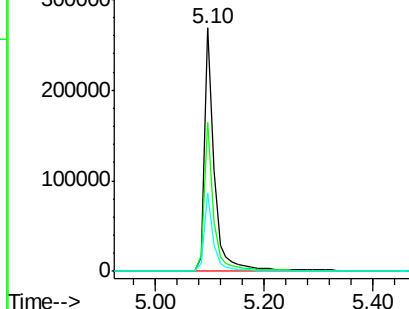
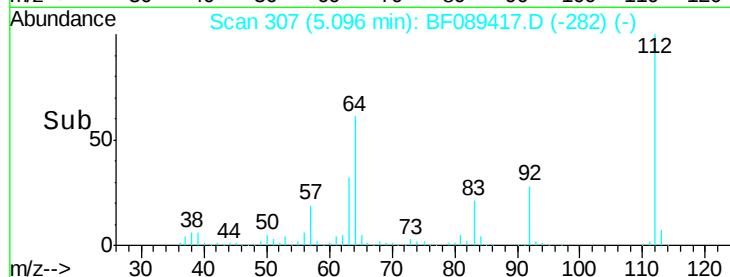
Tgt Ion:	112	Resp:	340581
Ion Ratio	Lower	Upper	
112	100		
64	60.9	55.0	82.6
63	32.4	29.4	44.2



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: 26.97 ng

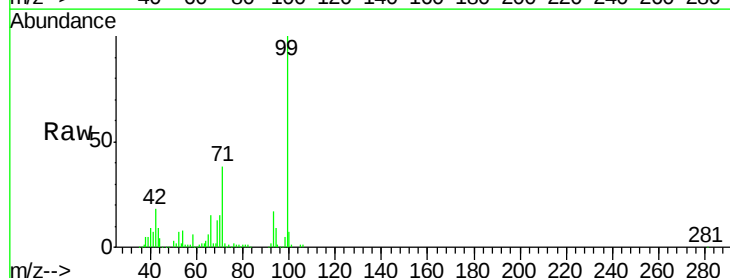
RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

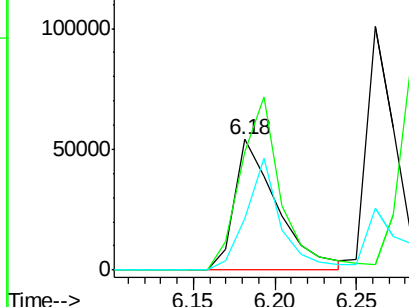
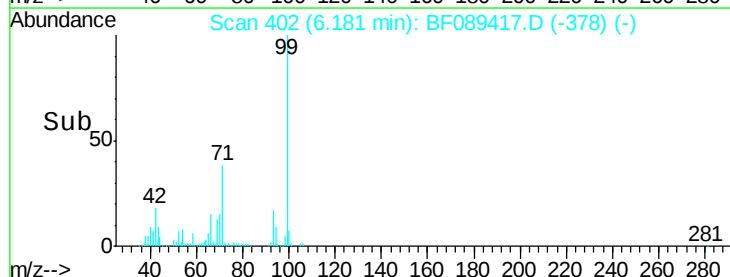
Tgt Ion:	93	Resp:	98653
Ion Ratio	Lower	Upper	
93	100		
66	90.8	51.6	77.4#
65	39.1	24.7	37.1#

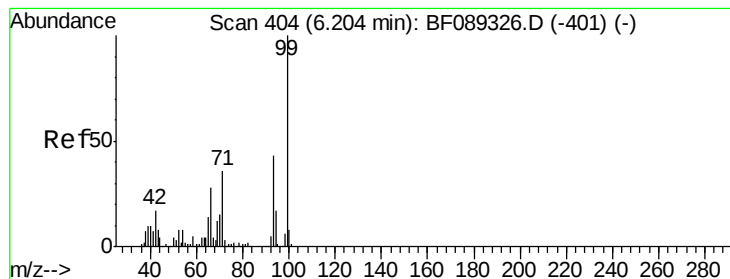


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.35 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

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ClientSampleId :

PB92476BS

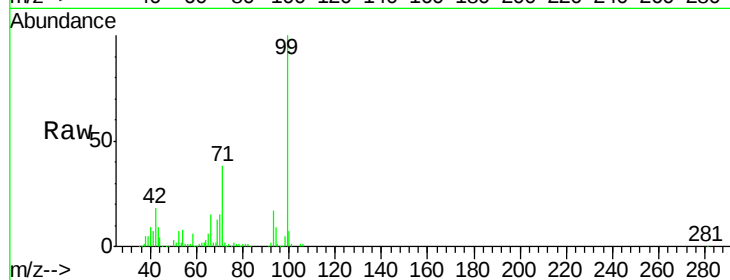
Tgt Ion: 99 Resp: 438165

Ion Ratio Lower Upper

99 100

42 18.4 13.6 20.4

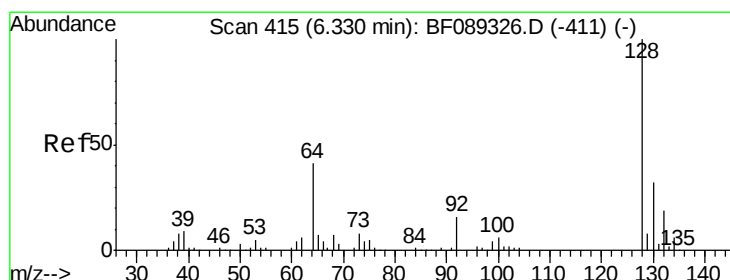
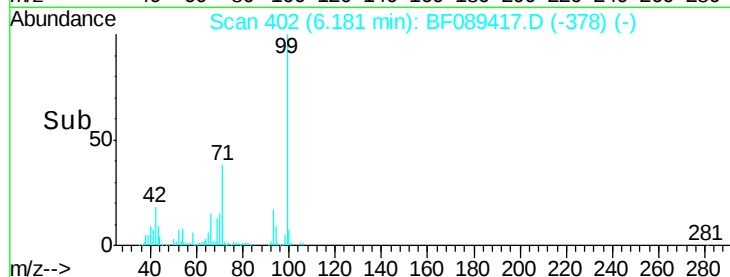
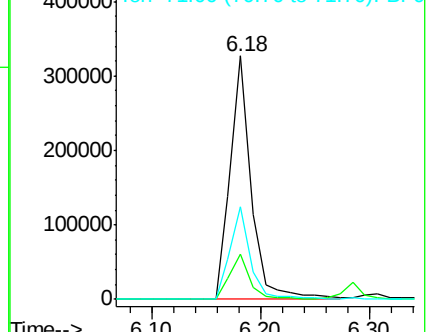
71 38.0 29.4 44.2



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: 48.03 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

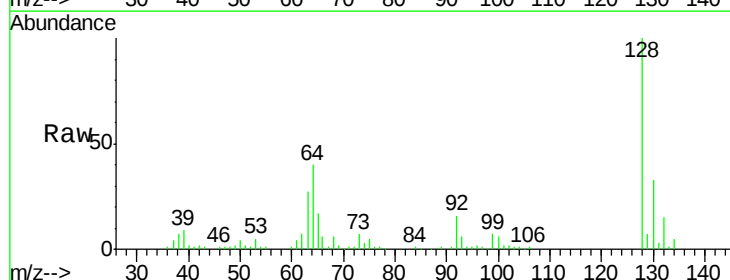
Tgt Ion: 128 Resp: 139250

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

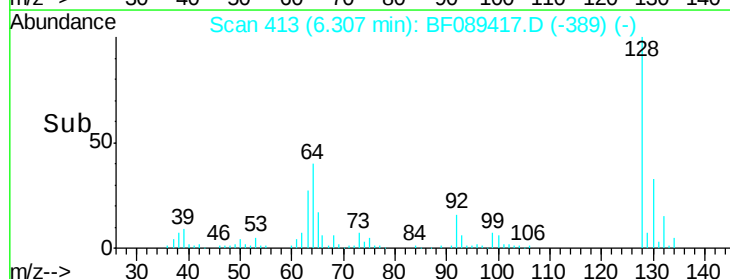
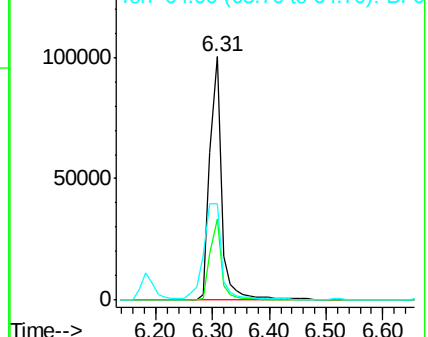
64 39.8 22.1 62.1

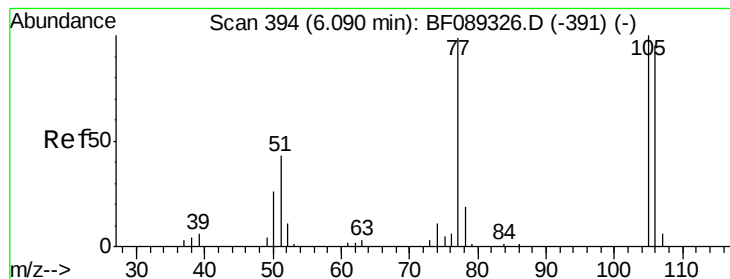


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.50 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

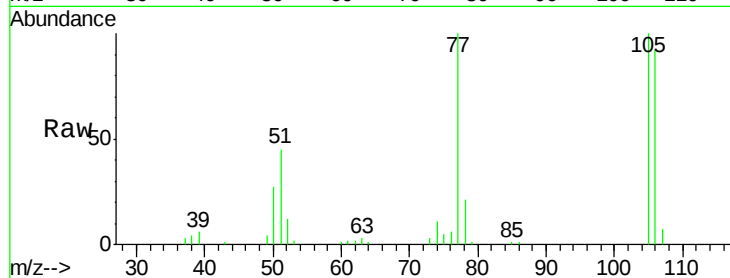
Tgt Ion: 77 Resp: 75262

Ion Ratio Lower Upper

77 100

105 99.5 82.9 122.9

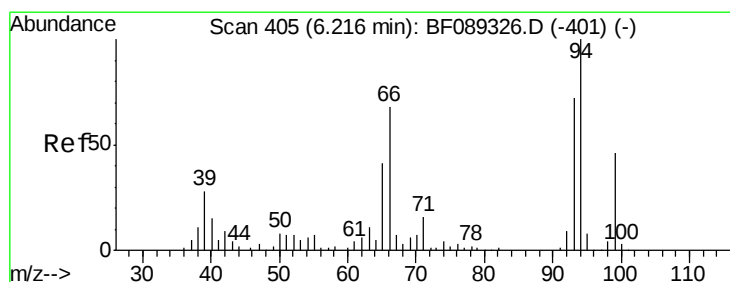
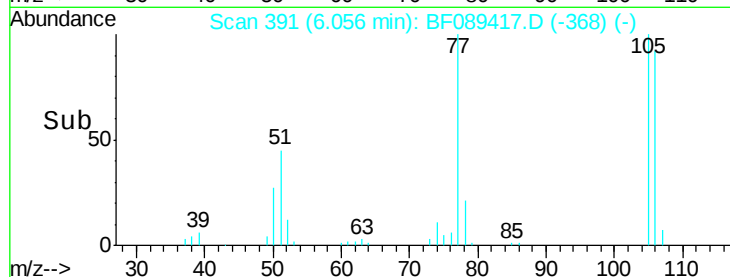
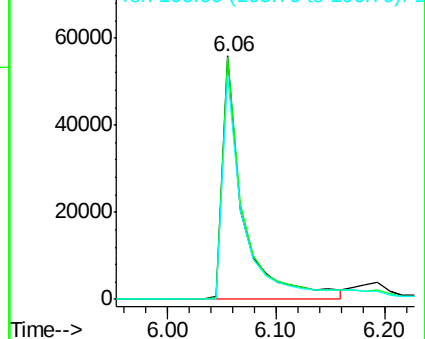
106 92.2 75.9 115.9



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: 47.82 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

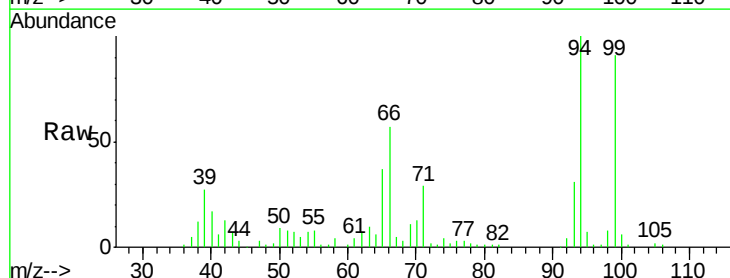
Tgt Ion: 94 Resp: 178749

Ion Ratio Lower Upper

94 100

65 36.8 19.1 59.1

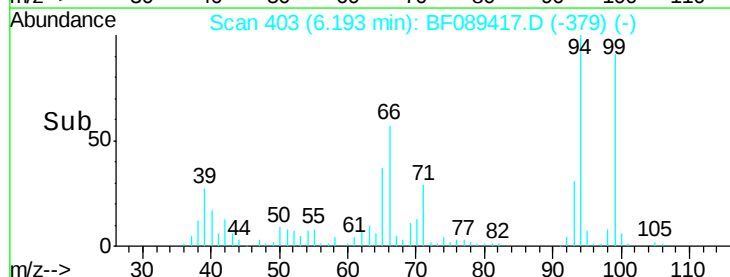
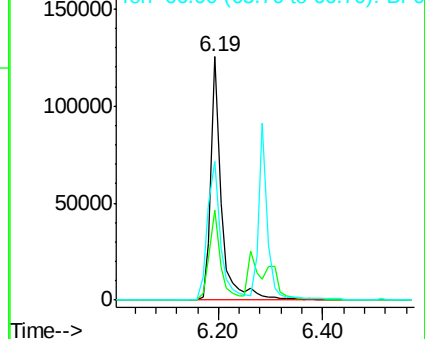
66 57.2 44.4 84.4

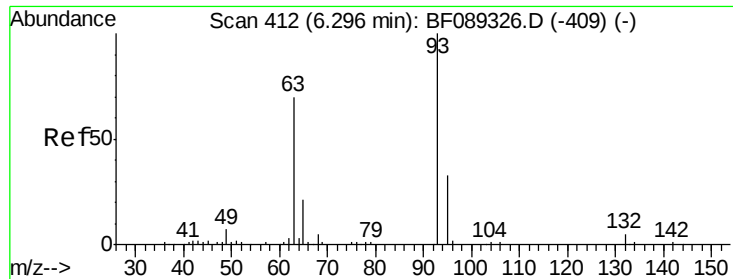


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

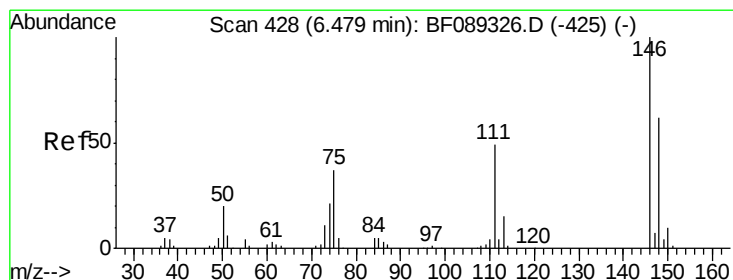
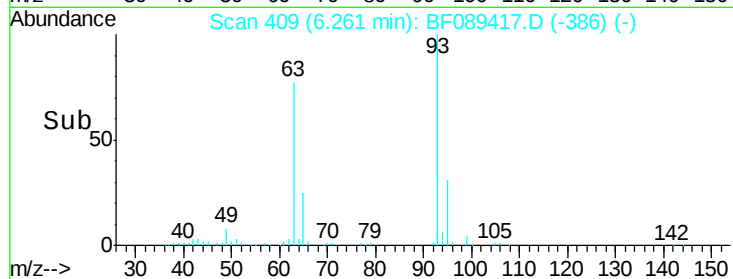
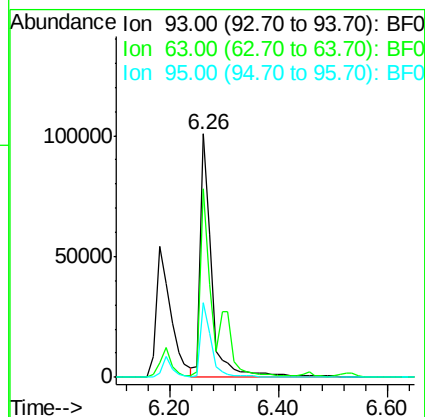
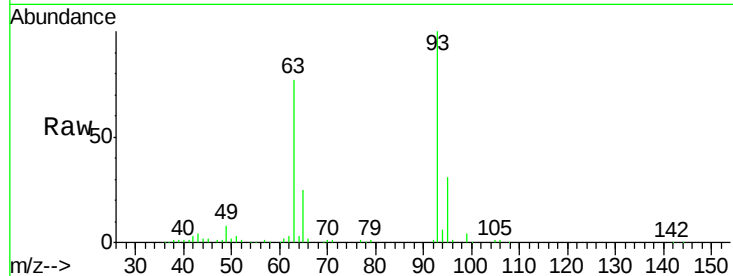




#11
bis(2-Chloroethyl)ether
Concen: 43.94 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

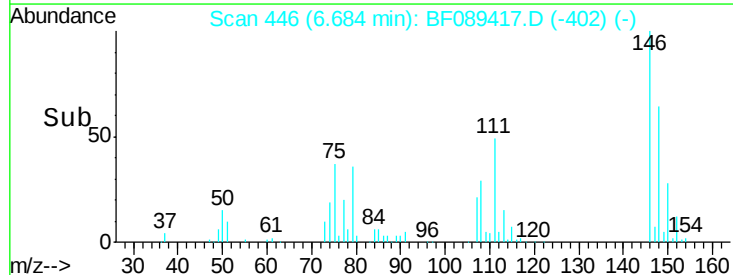
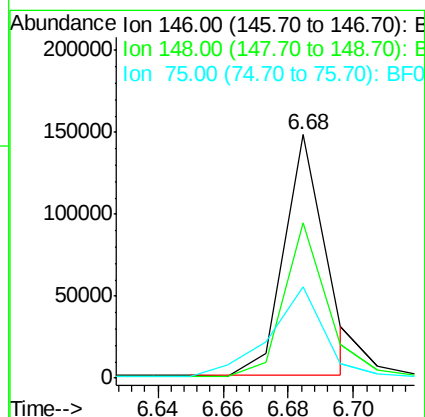
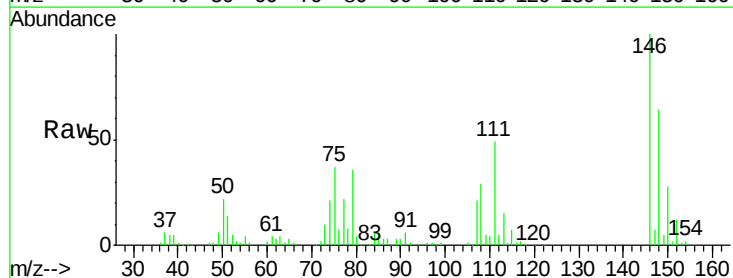
Instrument :
BNA_F
ClientSampleId :
PB92476BS

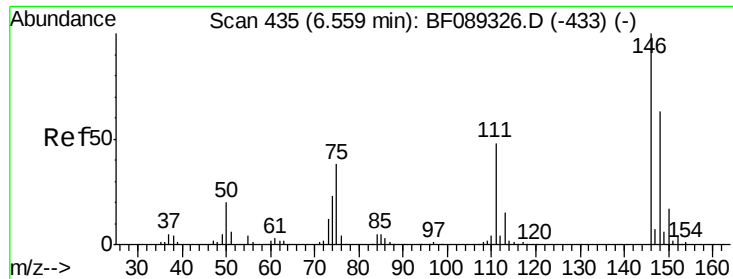
Tgt Ion: 93 Resp: 139549
Ion Ratio Lower Upper
93 100
63 77.4 45.6 85.6
95 30.8 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 43.10 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.21 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 146 Resp: 130711
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 37.4 30.0 45.0

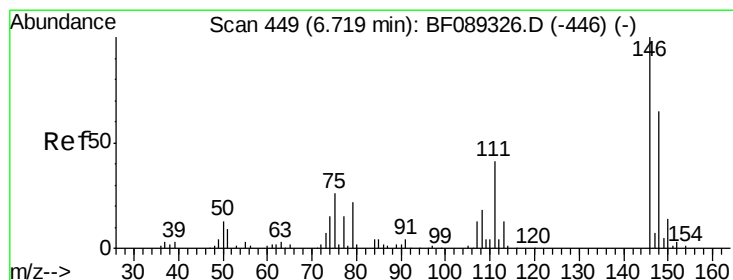
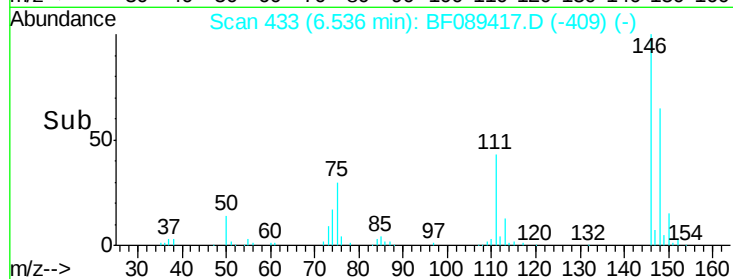
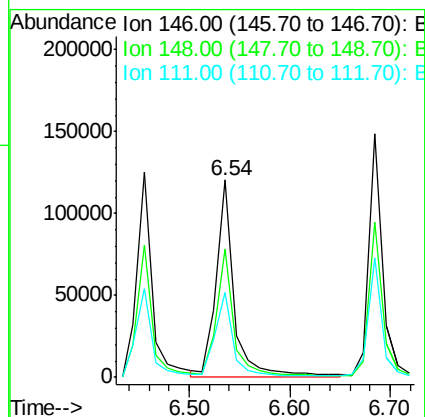
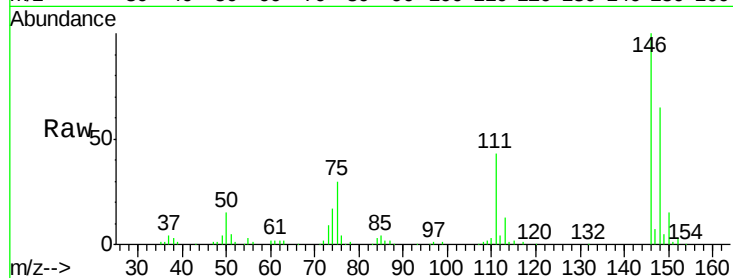




#13
 1,4-Dichlorobenzene
 Concen: 45.03 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

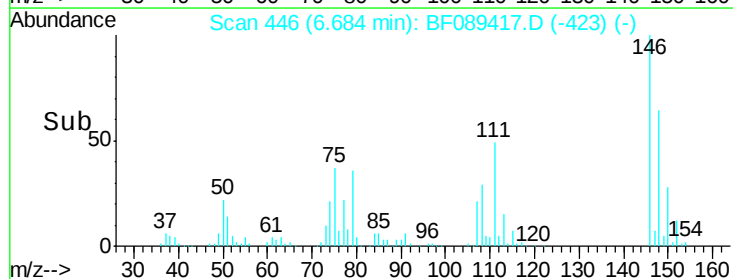
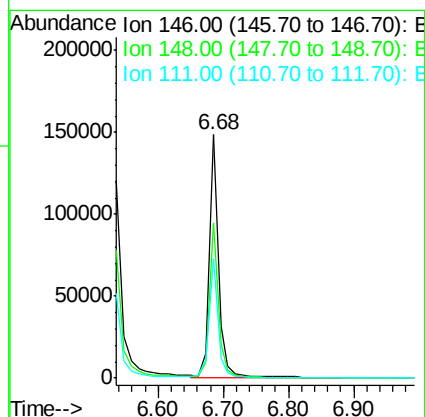
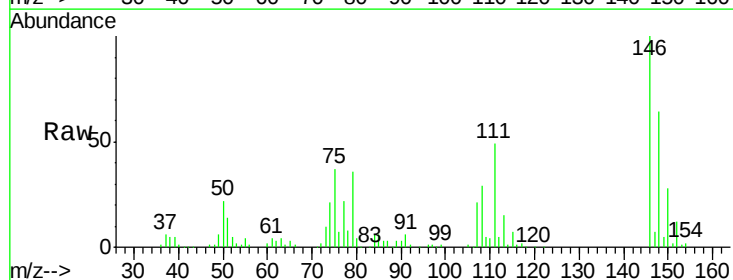
Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

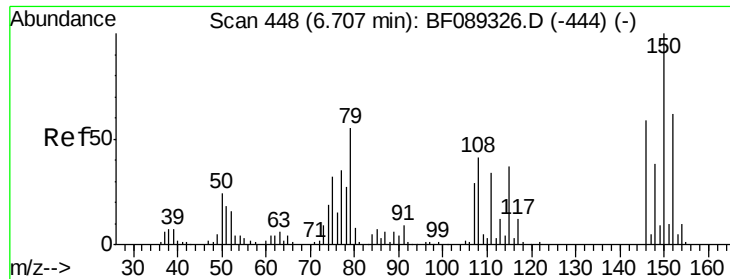
Tgt Ion:146 Resp: 150722
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 42.8 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 46.67 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:146 Resp: 146341
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 49.3 33.0 49.4

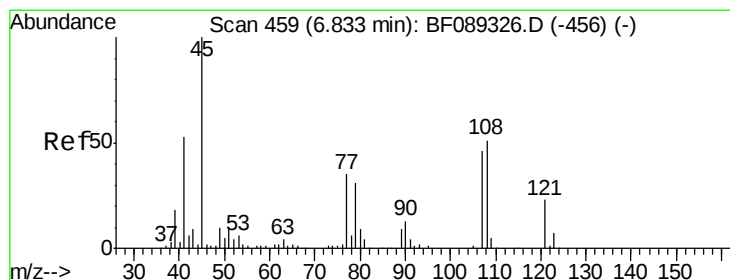
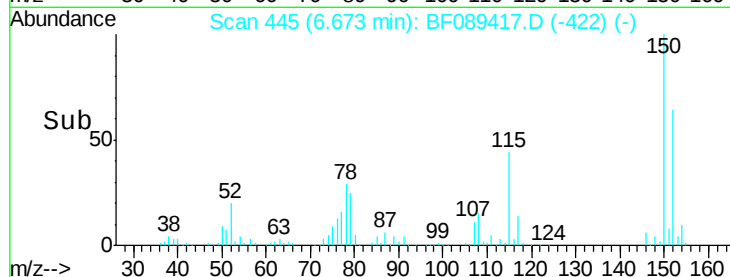
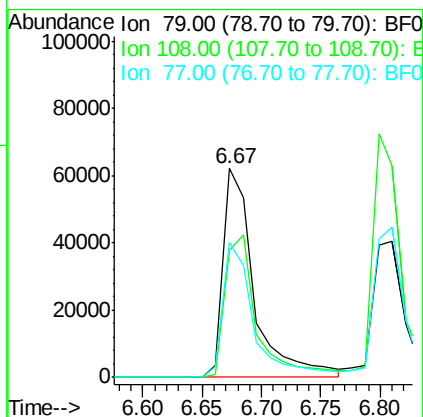
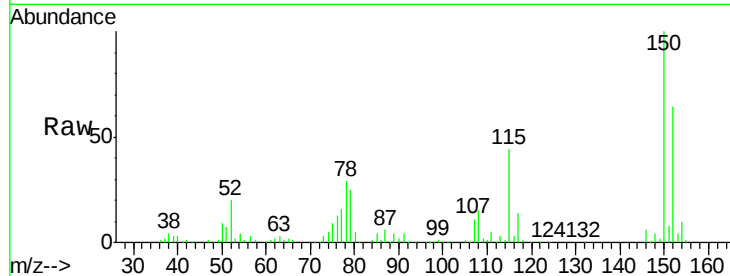




#15
Benzyl Alcohol
Concen: 53.77 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

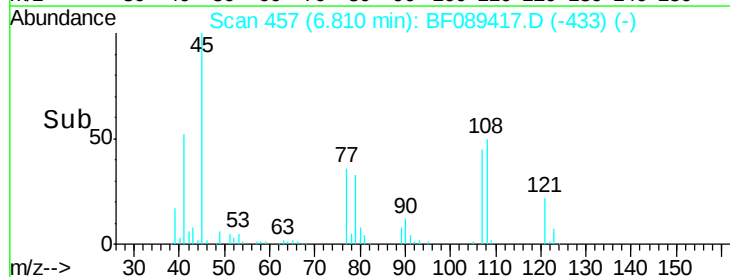
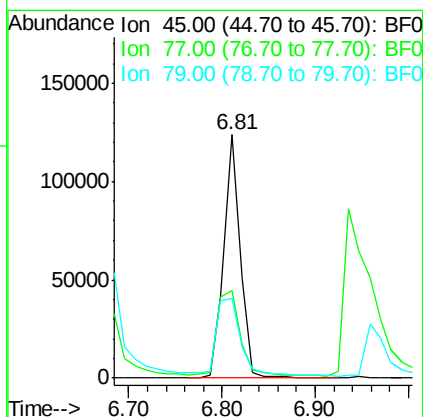
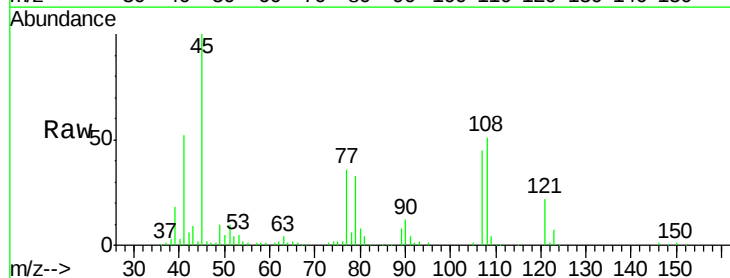
Instrument :
BNA_F
ClientSampleId :
PB92476BS

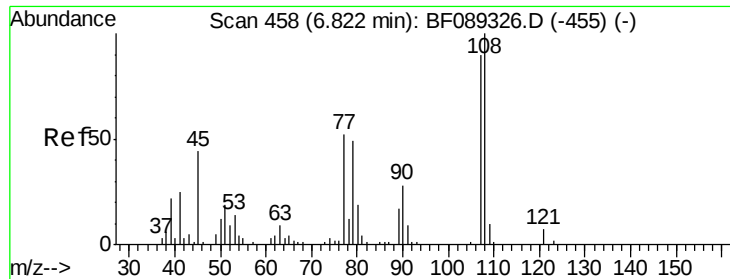
Tgt Ion: 79 Resp: 113036
Ion Ratio Lower Upper
79 100
108 61.2 59.8 89.6
77 64.6 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.29 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 45 Resp: 153441
Ion Ratio Lower Upper
45 100
77 36.2 17.3 57.3
79 32.7 13.9 53.9

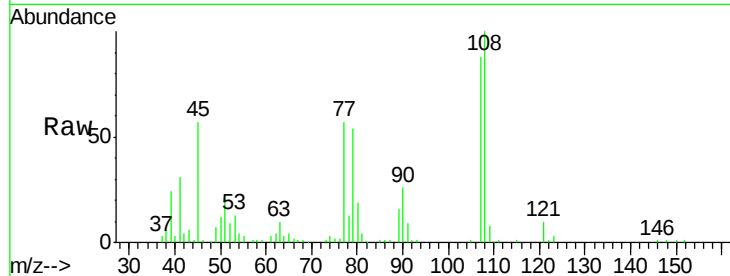




#17
2-Methylphenol
Concen: 45.36 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.4	137.0
77	64.7	48.6	73.0
79	61.7	48.2	72.4



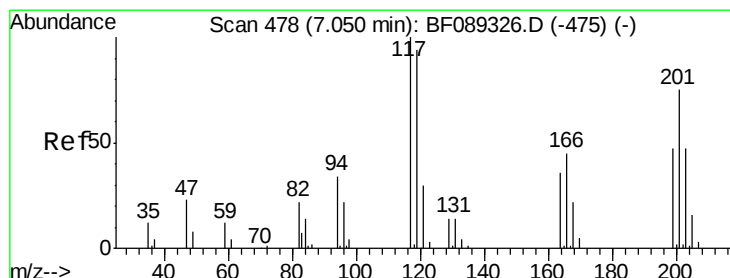
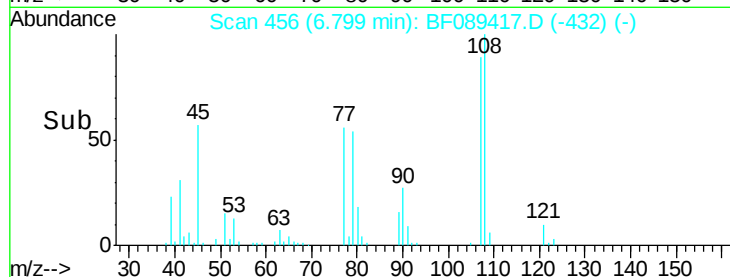
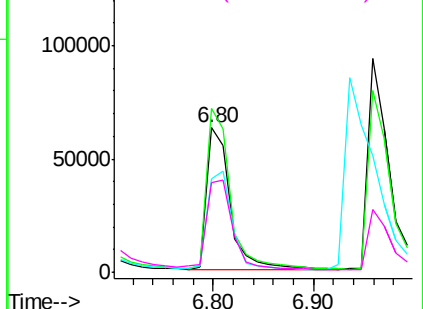
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

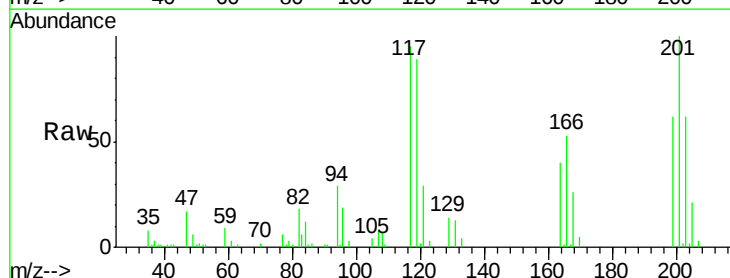
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 44.79 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.0	114.0
201	105.6	60.0	90.0#

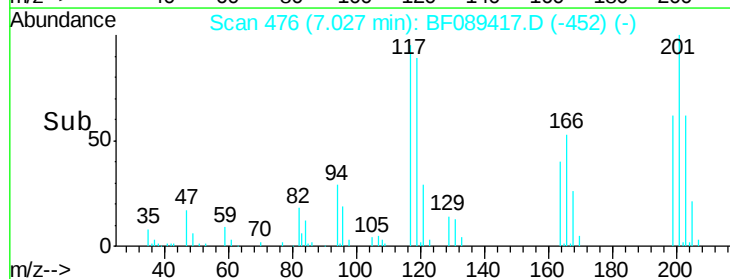
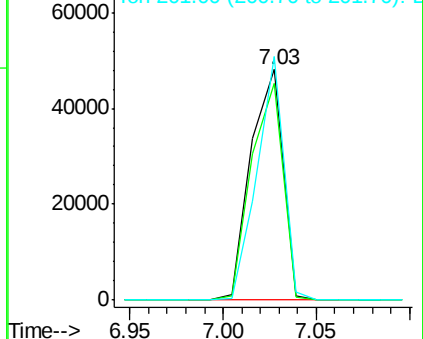


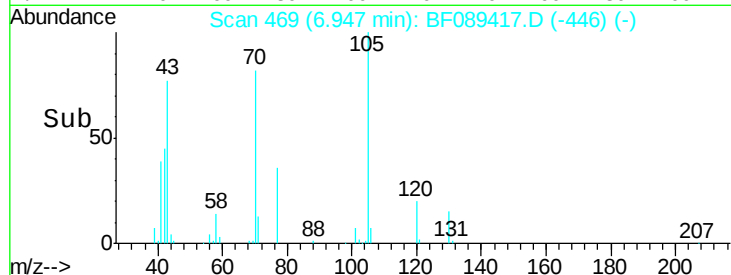
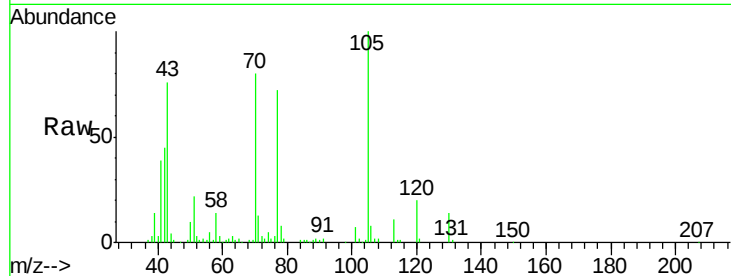
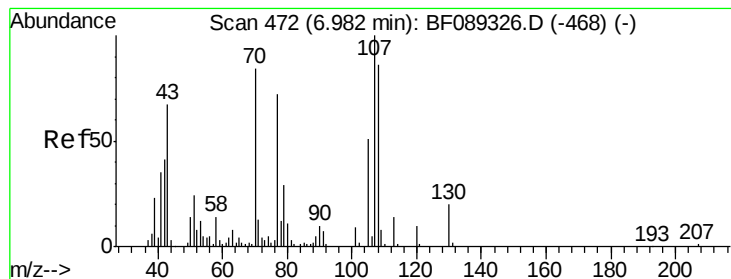
Abundance

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: 48.87 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

Tgt Ion: 70 Resp: 99816

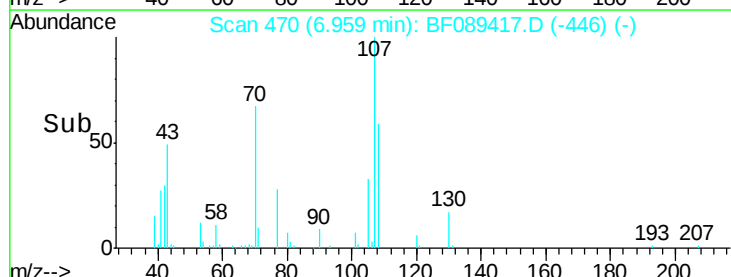
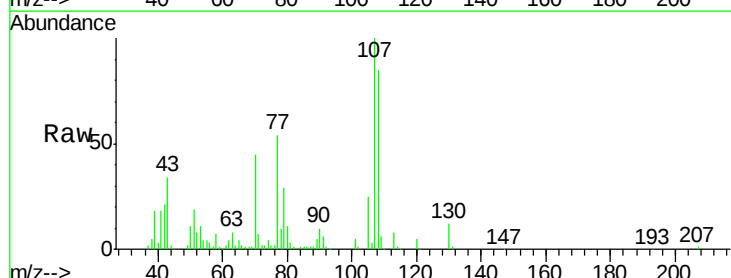
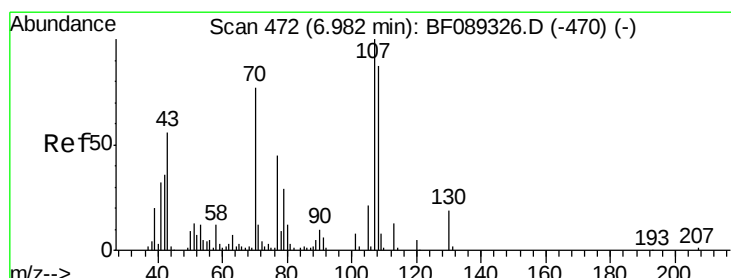
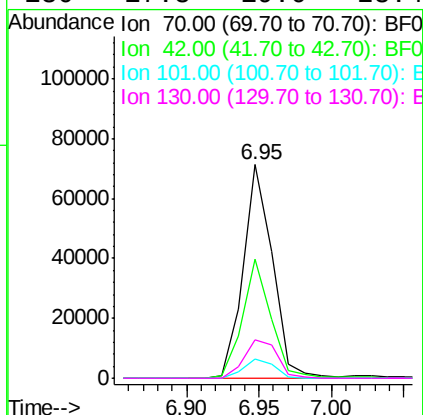
Ion Ratio Lower Upper

70 100

42 56.0 38.6 57.8

101 9.1 8.3 12.5

130 17.8 19.0 28.4#



#20

3+4-Methylphenols

Concen: 49.51 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion: 107 Resp: 142492

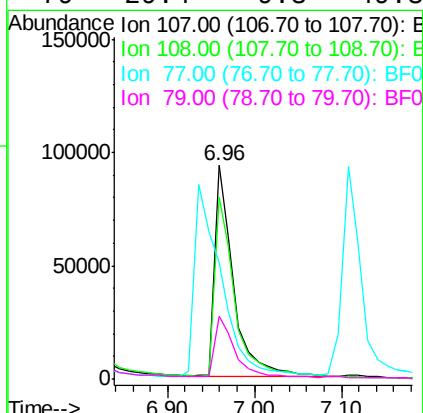
Ion Ratio Lower Upper

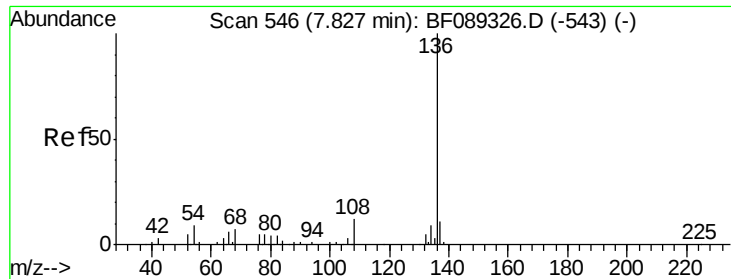
107 100

108 85.0 63.3 103.3

77 54.3 51.1 91.1

79 29.4 9.3 49.3

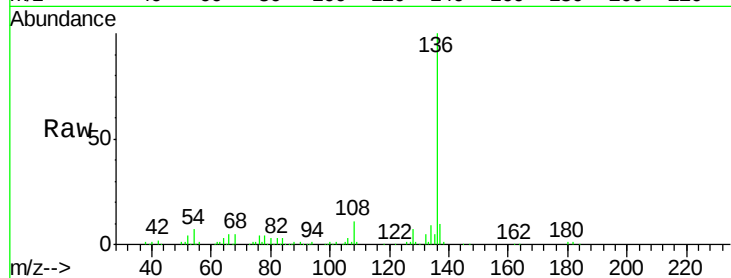




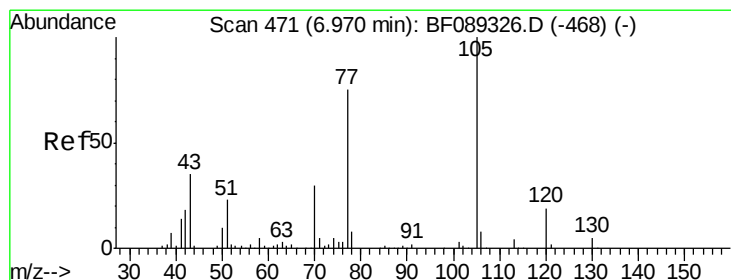
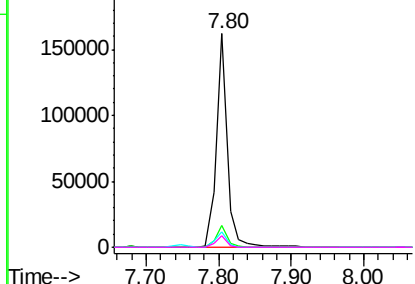
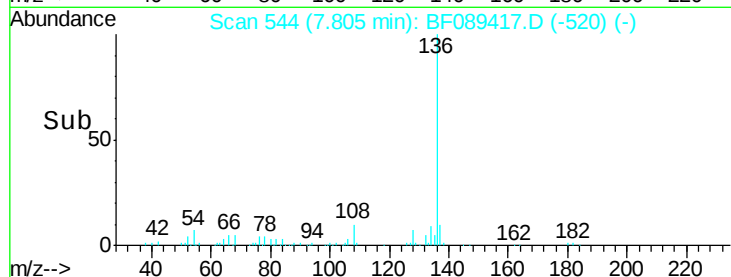
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:	136	Resp:	171155
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.0	7.0	10.4
68	5.3	4.9	7.3

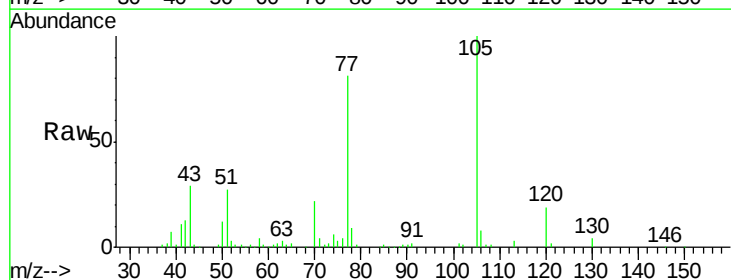


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

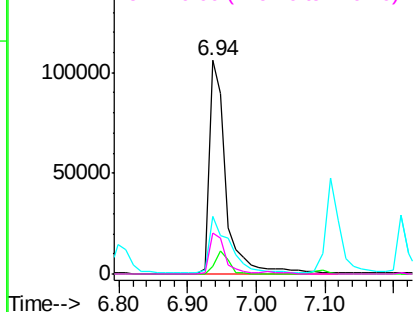
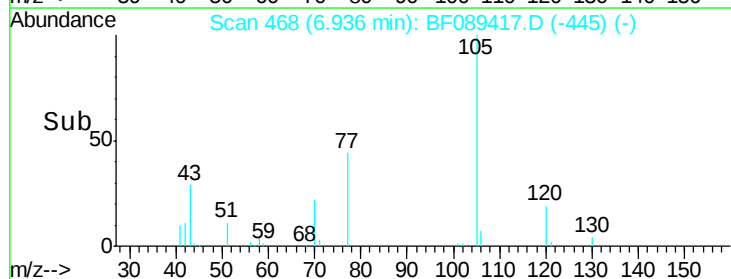


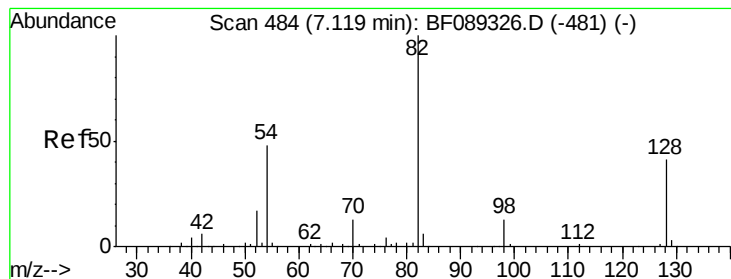
#22
Acetophenone
Concen: 44.66 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:	105	Resp:	181984
Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.2	6.2#
51	26.8	18.7	28.1
120	19.1	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





#23

Nitrobenzene-d5

Concen: 102.15 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

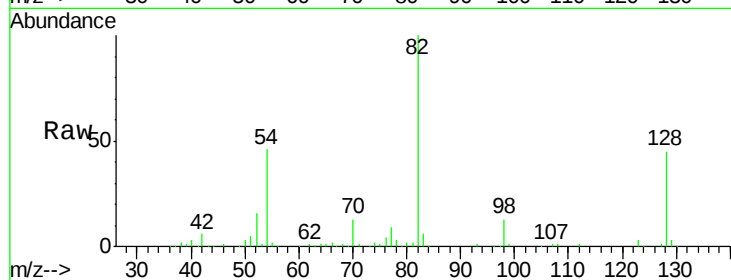
Tgt Ion: 82 Resp: 296187

Ion Ratio Lower Upper

82 100

128 44.7 32.5 48.7

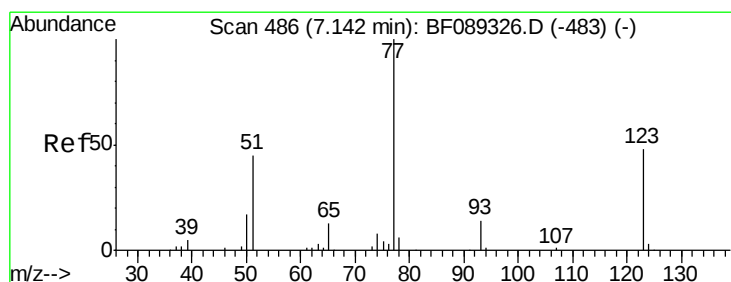
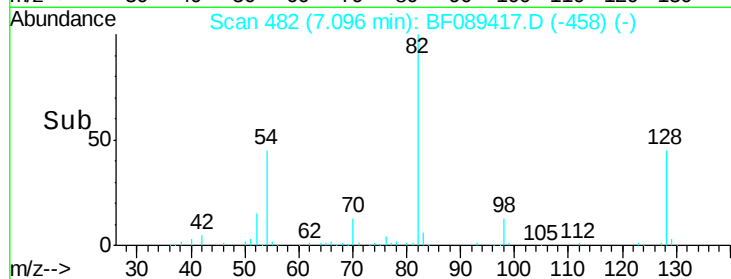
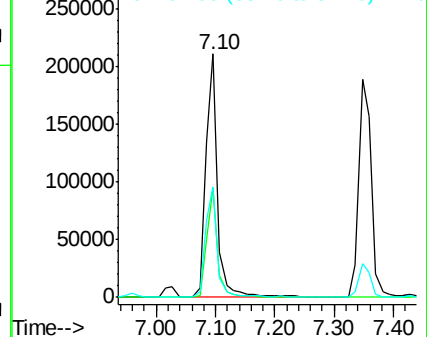
54 45.6 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.73 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

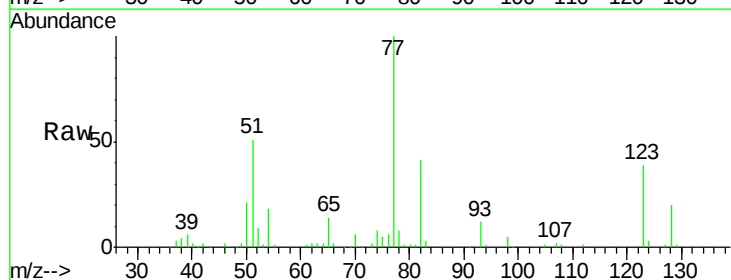
Tgt Ion: 77 Resp: 141017

Ion Ratio Lower Upper

77 100

123 38.9 37.2 55.8

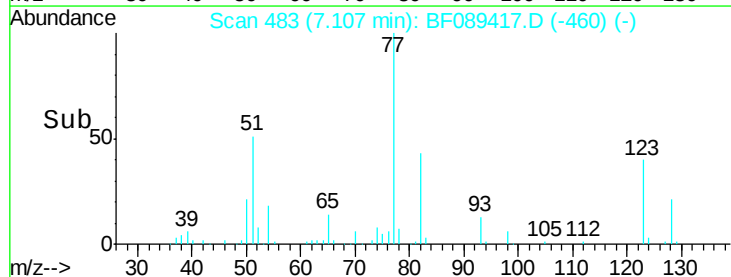
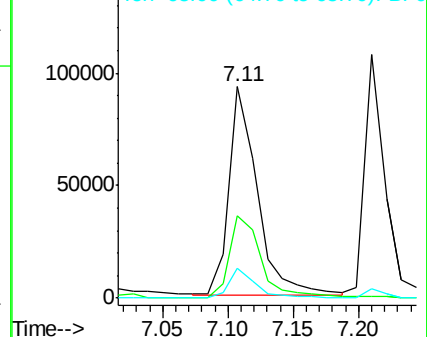
65 14.0 10.2 15.4

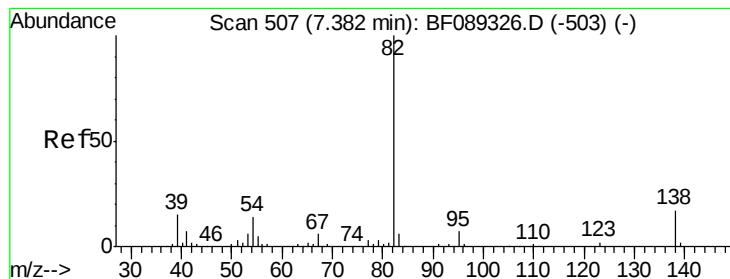


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.93 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

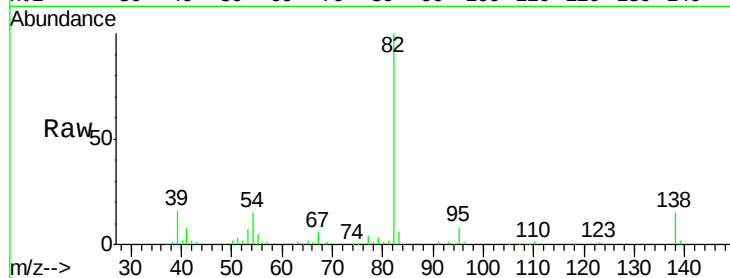
Tgt Ion: 82 Resp: 274116

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

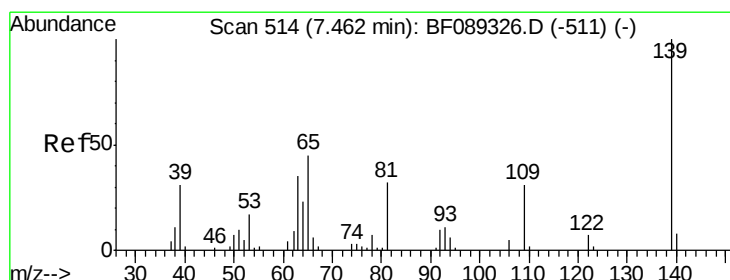
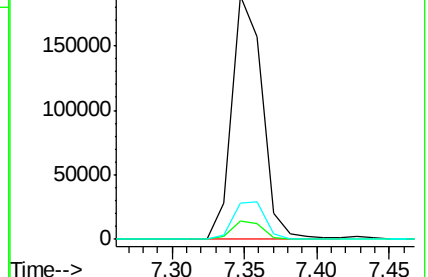
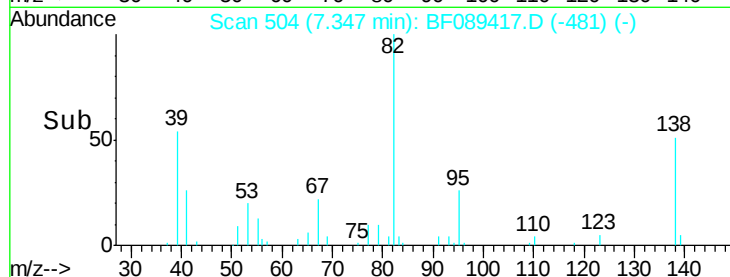
138 14.7 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.60 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

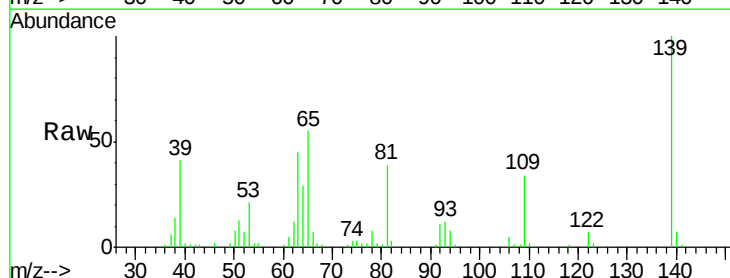
Tgt Ion: 139 Resp: 71709

Ion Ratio Lower Upper

139 100

109 34.2 25.8 38.8

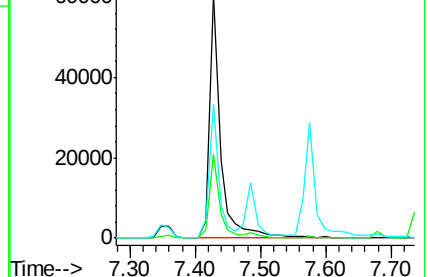
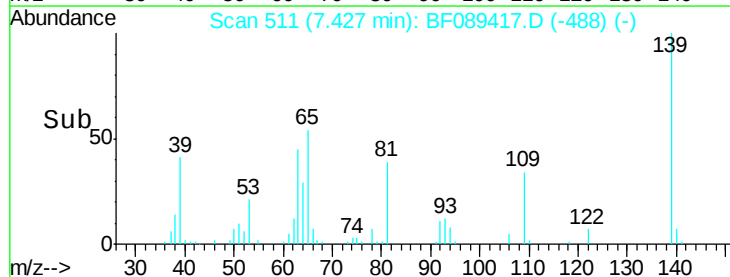
65 54.8 35.2 52.8#

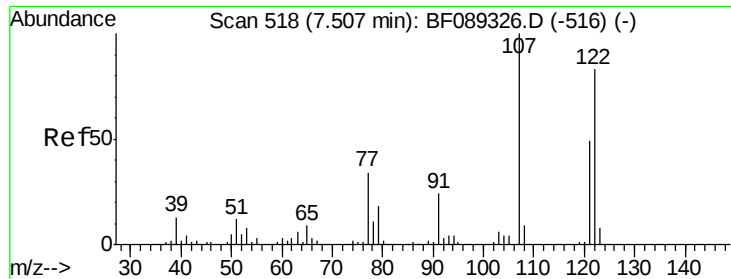


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

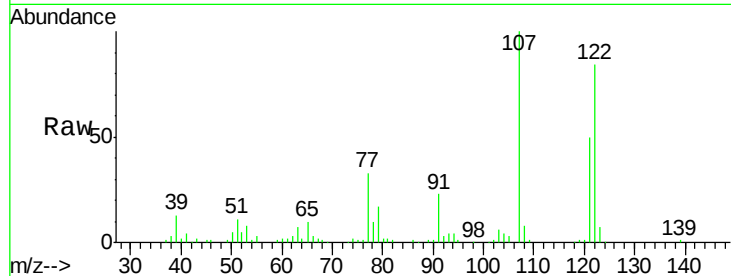




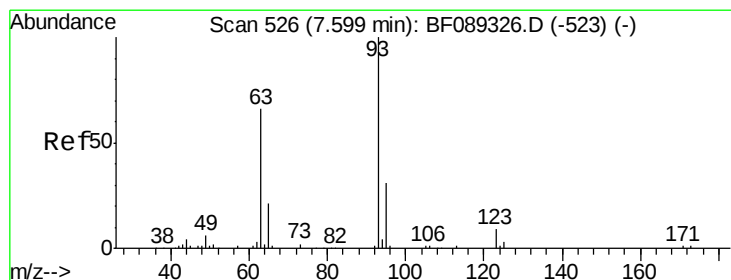
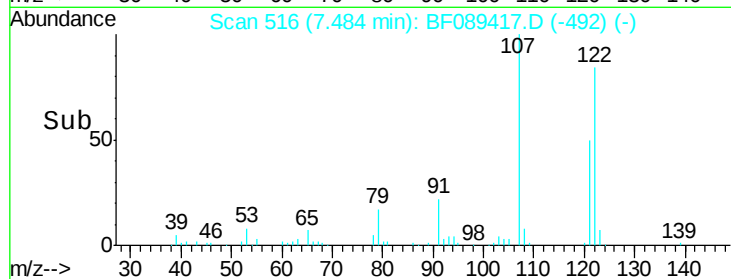
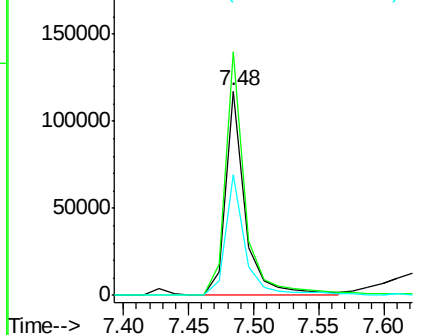
#27
 2,4-Dimethylphenol
 Concen: 51.55 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion:122 Resp: 121170
 Ion Ratio Lower Upper
 122 100
 107 119.1 97.2 145.8
 121 59.1 48.8 73.2

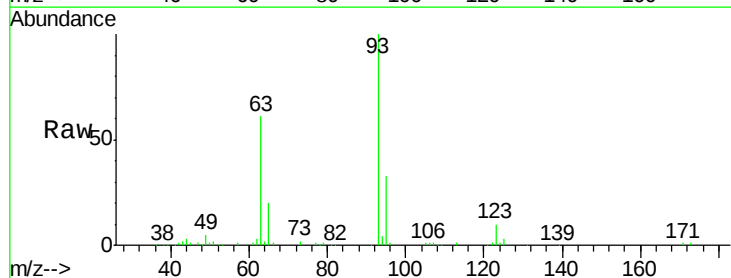


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

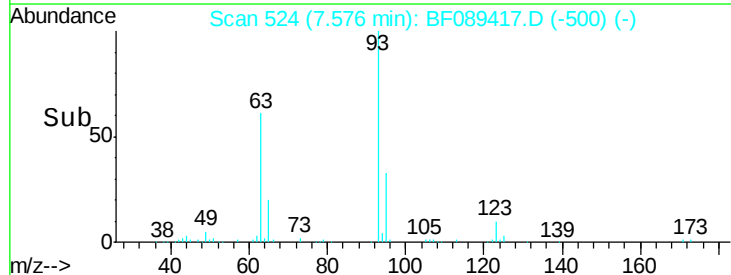
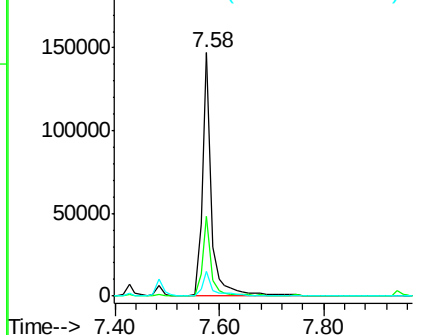


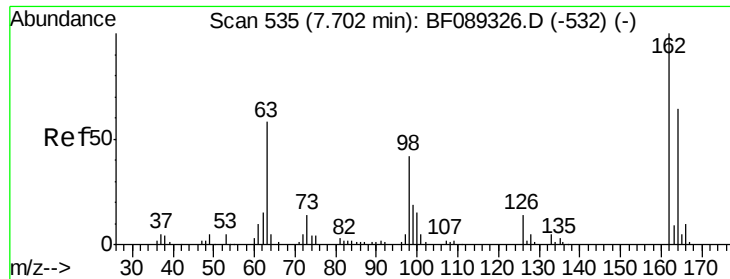
#28
 bis(2-Chloroethoxy)methane
 Concen: 54.65 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion: 93 Resp: 176692
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.7 37.1
 123 10.4 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

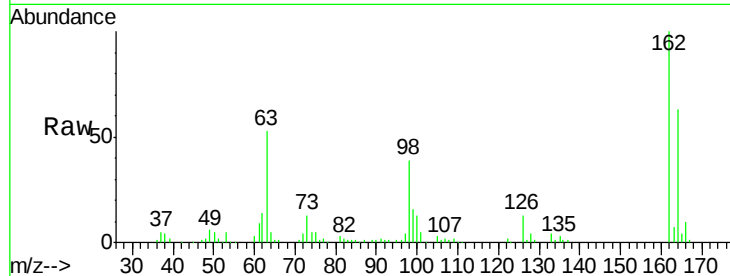




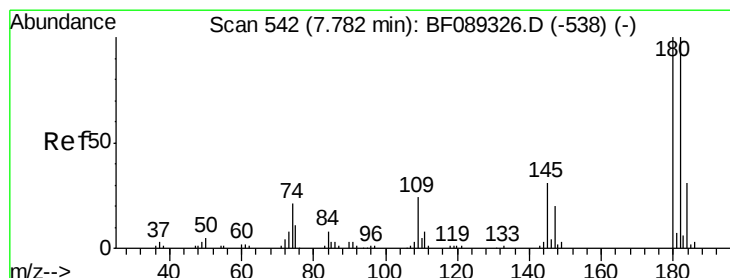
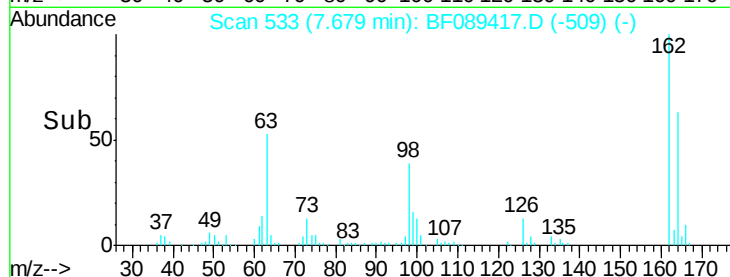
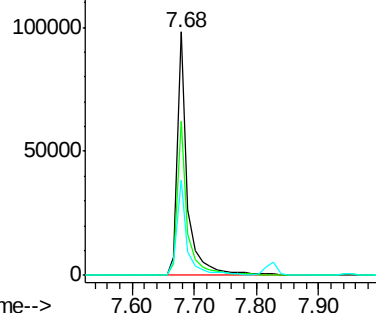
#29
 2,4-Dichlorophenol
 Concen: 51.76 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.0	84.0
98	39.0	21.8	61.8

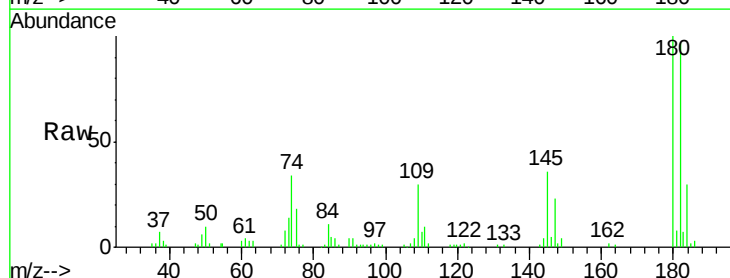


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

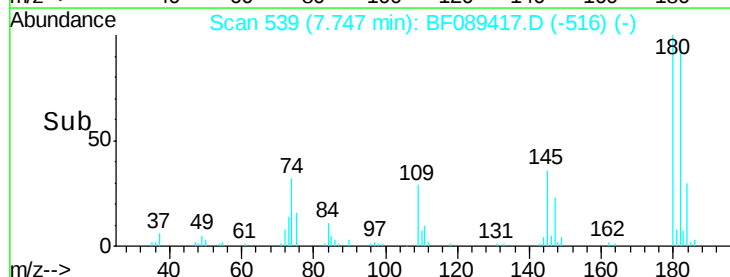
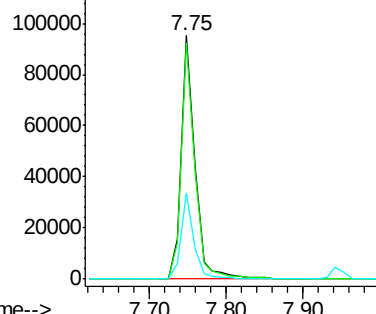


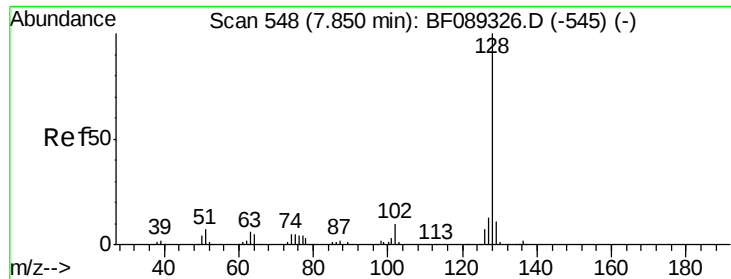
#30
 1,2,4-Trichlorobenzene
 Concen: 48.37 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.2	117.2
145	35.6	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

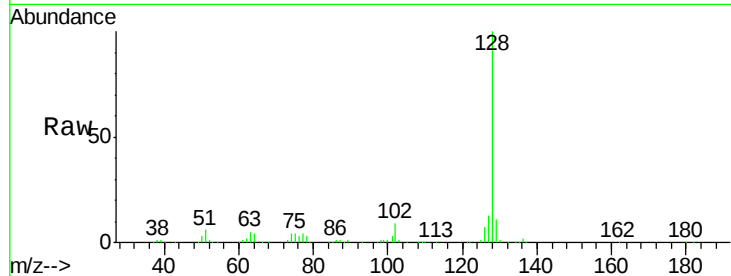




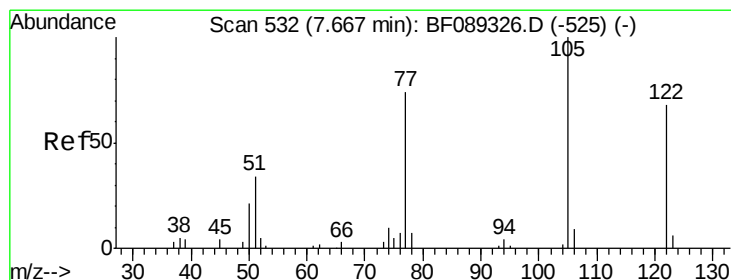
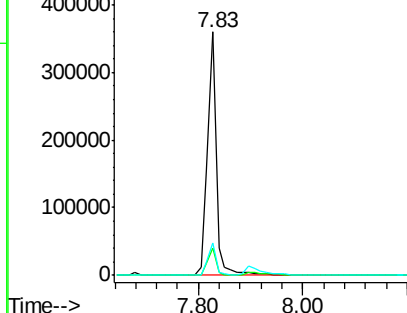
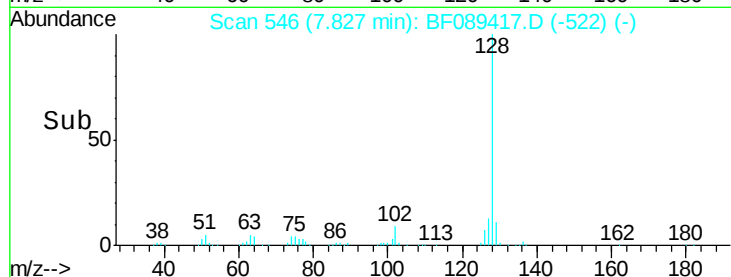
#31
Naphthalene
Concen: 50.18 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:128 Resp: 425306
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.8 16.2

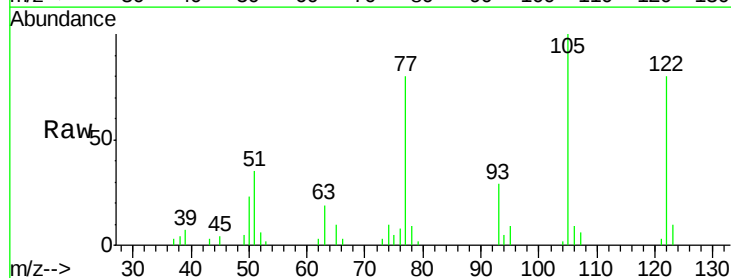


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

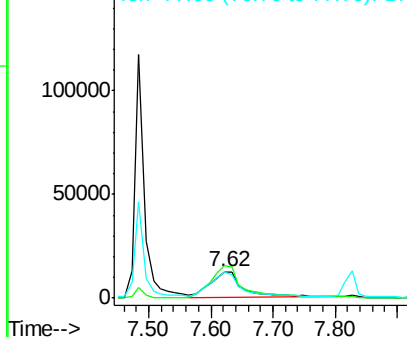
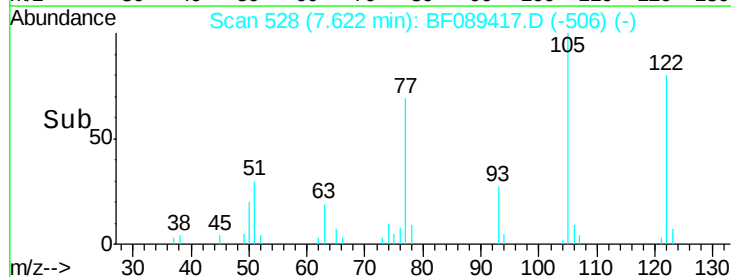


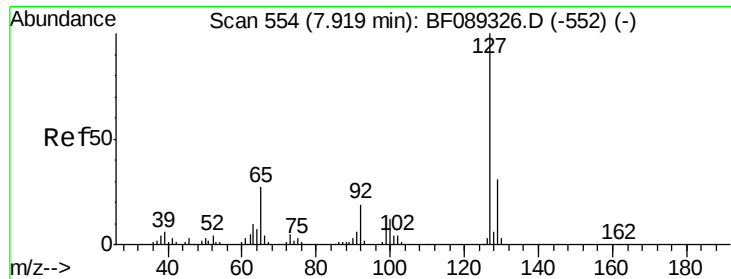
#32
Benzoic acid
Concen: 27.43 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:122 Resp: 44934
Ion Ratio Lower Upper
122 100
105 125.6 106.4 146.4
77 99.9 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

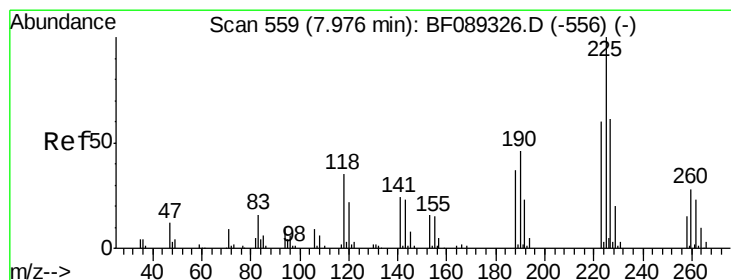
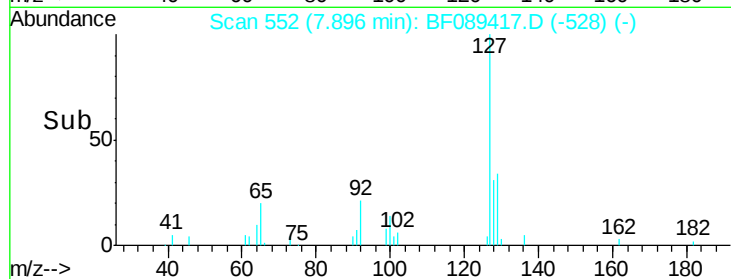
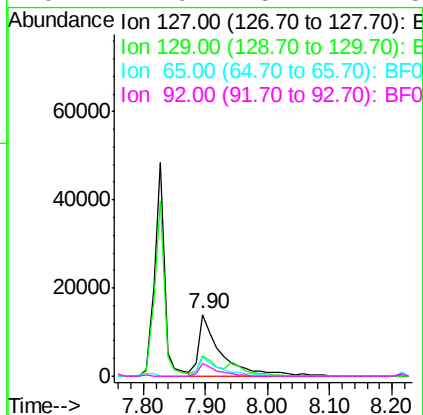
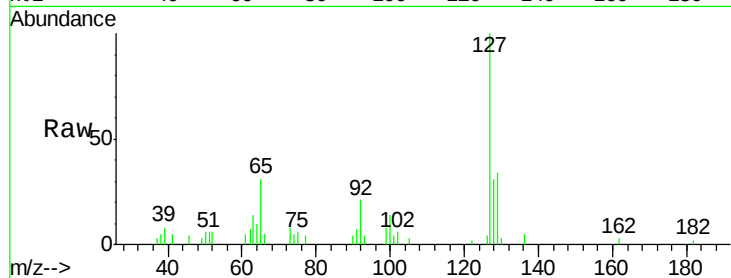




#33
4-Chloroaniline
Concen: 10.97 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

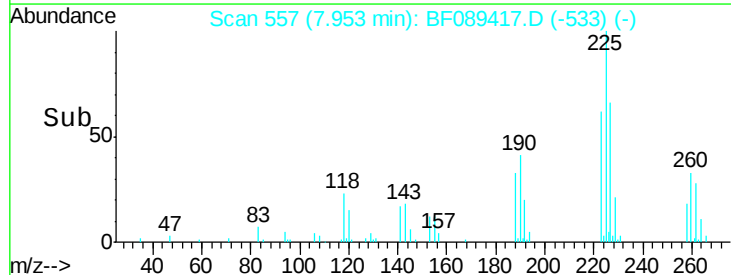
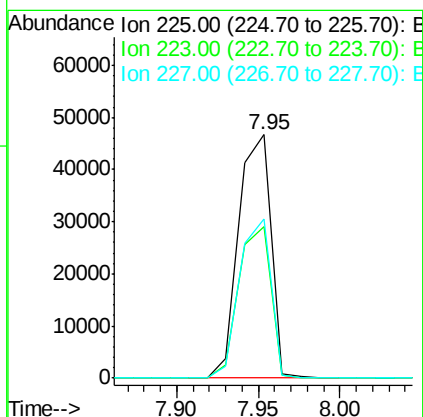
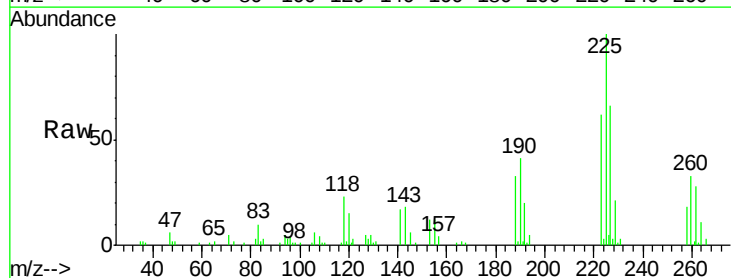
Instrument :
BNA_F
ClientSampleId :
PB92476BS

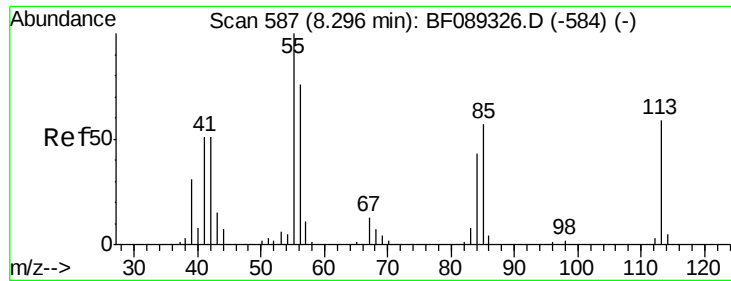
Tgt Ion:	127	Resp:	35409
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.1	39.1
65	31.3	22.0	33.0
92	21.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 45.58 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:	225	Resp:	63796
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	65.5	49.4	74.2

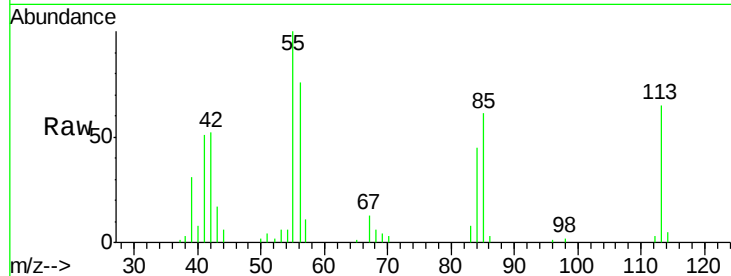




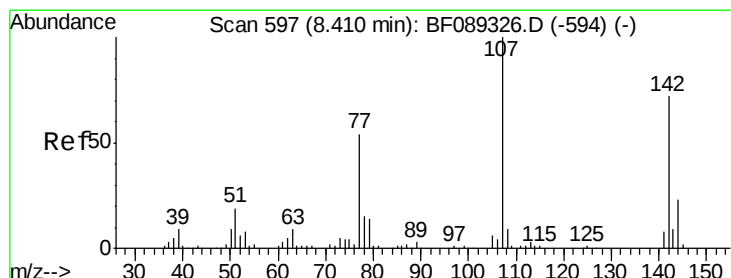
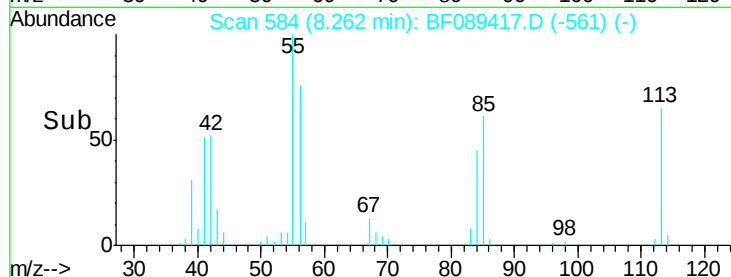
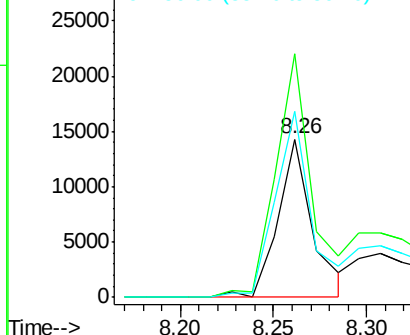
#35
 Caprolactam
 Concen: 28.24 ng
 RT: 8.26 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion:113 Resp: 18255
 Ion Ratio Lower Upper
 113 100
 55 153.9 142.3 182.3
 56 117.4 105.8 145.8

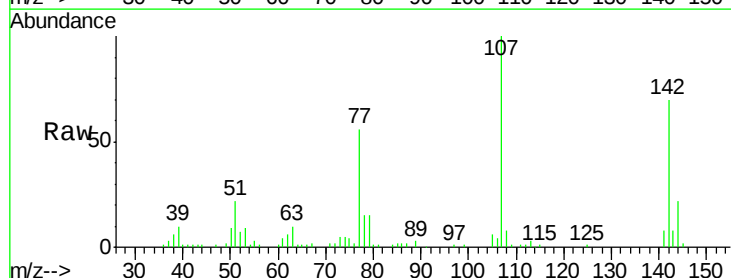


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

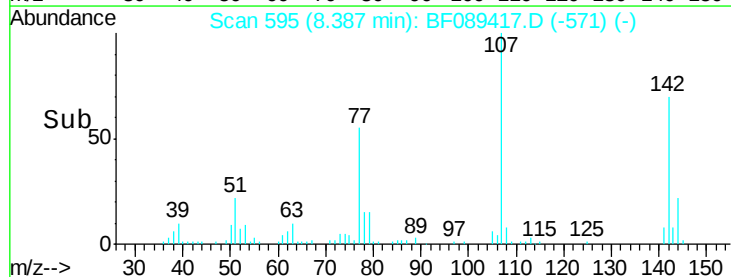
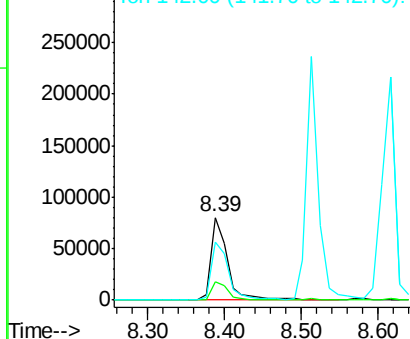


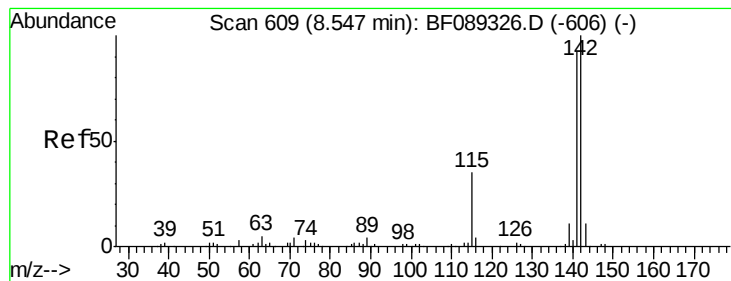
#36
 4-Chloro-3-methylphenol
 Concen: 47.10 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:107 Resp: 119909
 Ion Ratio Lower Upper
 107 100
 144 21.8 18.4 27.6
 142 69.7 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

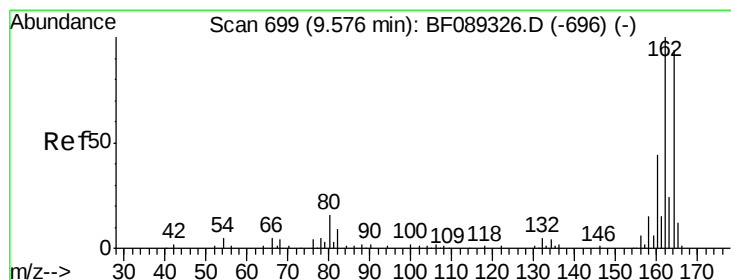
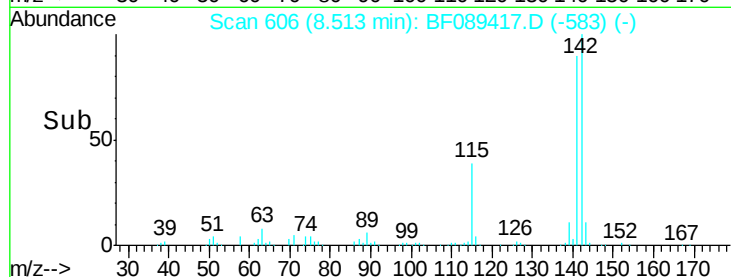
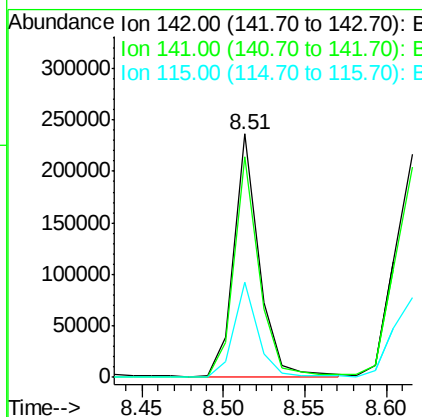
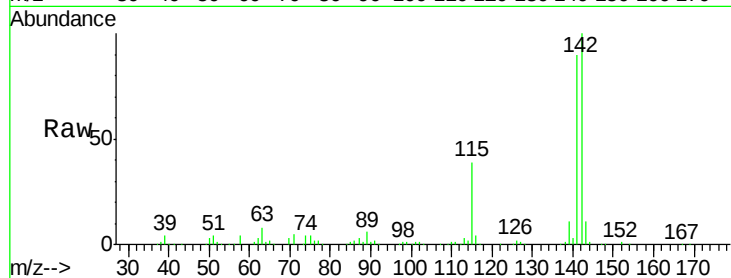




#37
 2-Methylnaphthalene
 Concen: 49.65 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

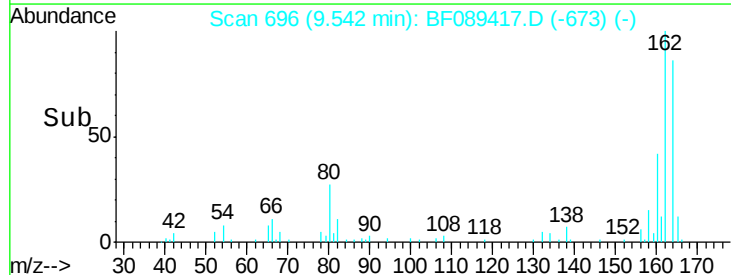
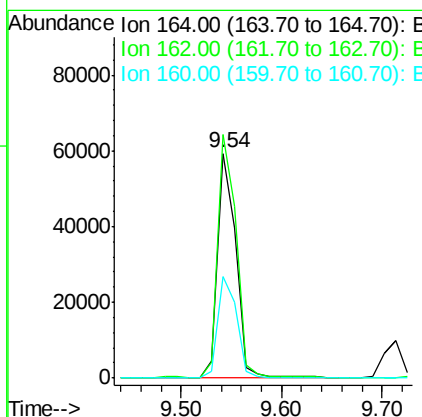
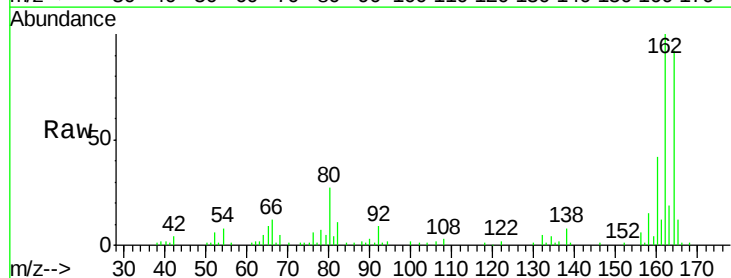
Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

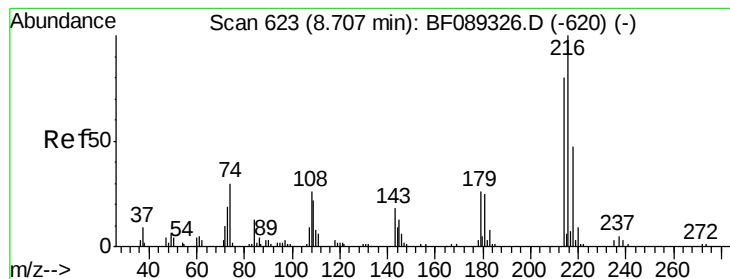
Tgt Ion:142 Resp: 253549
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.9 106.3
 115 39.2 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:164 Resp: 75007
 Ion Ratio Lower Upper
 164 100
 162 108.2 83.7 125.5
 160 45.3 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.81 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

Tgt Ion:216 Resp: 107109

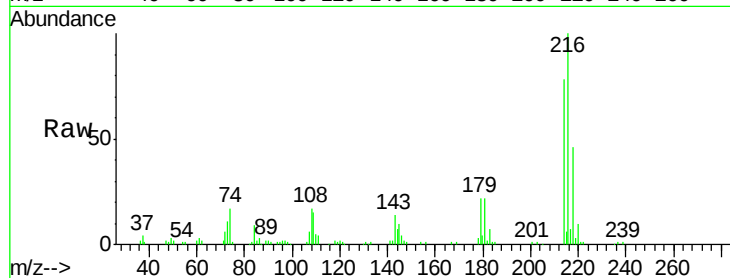
Ion Ratio Lower Upper

216 100

214 78.3 63.3 94.9

179 21.9 18.1 27.1

108 21.1 17.2 25.8

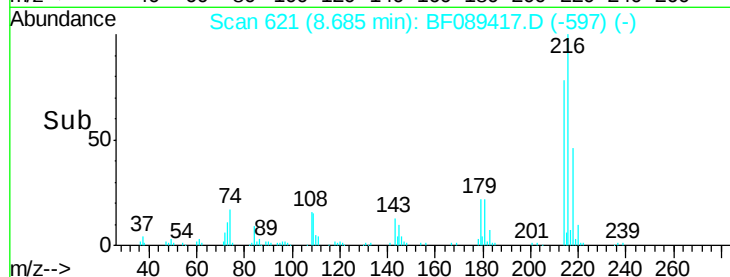


Abundance Ion 216.00 (215.70 to 216.70): E

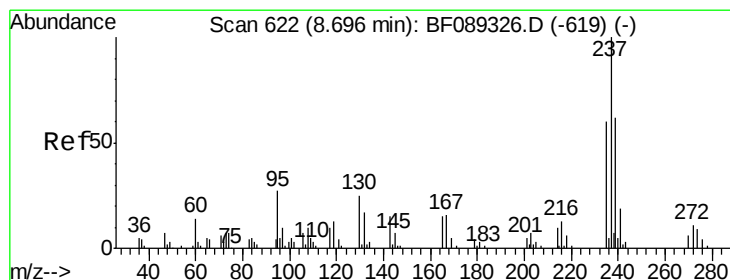
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.56 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

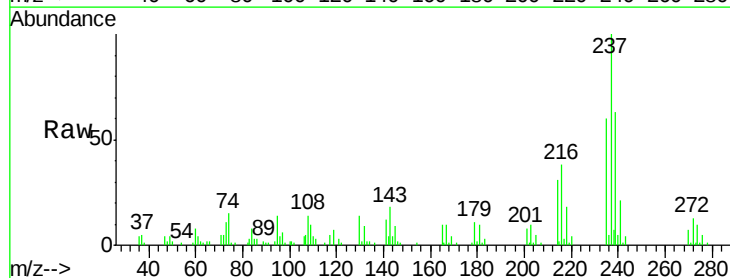
Tgt Ion:237 Resp: 64541

Ion Ratio Lower Upper

237 100

235 60.0 41.6 81.6

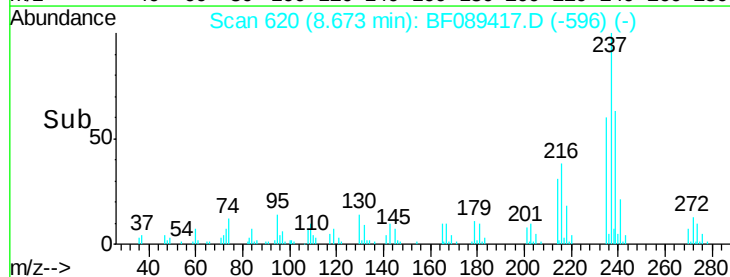
272 13.1 0.0 30.8



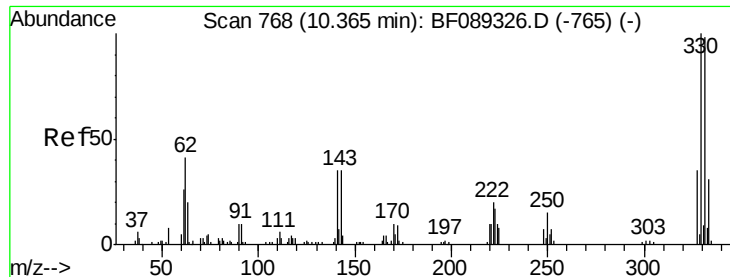
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



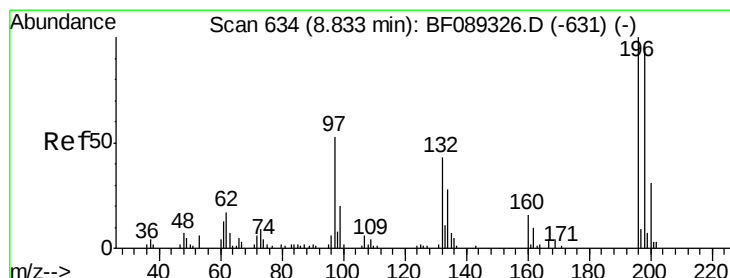
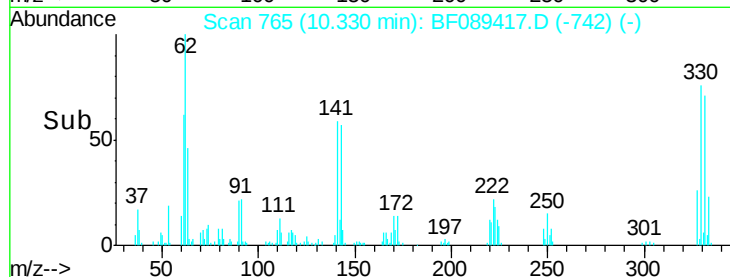
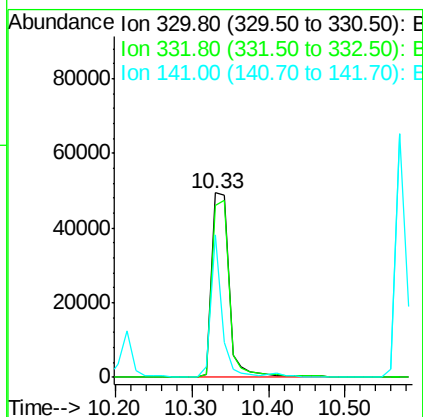
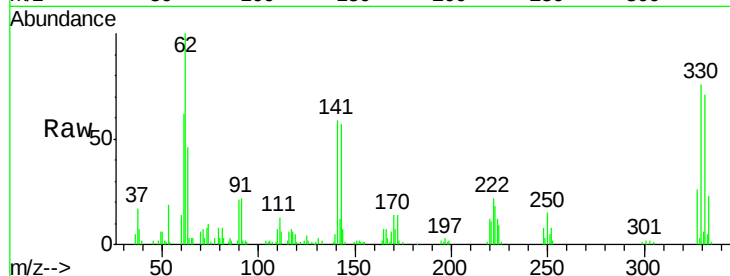
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 125.98 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

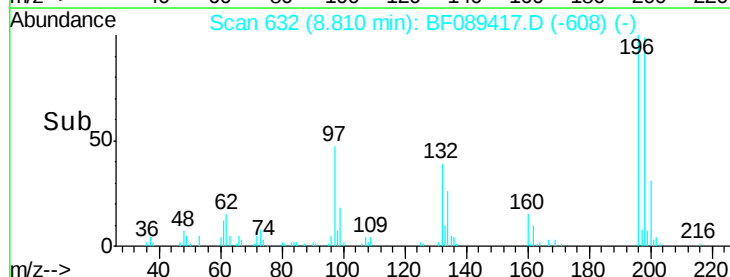
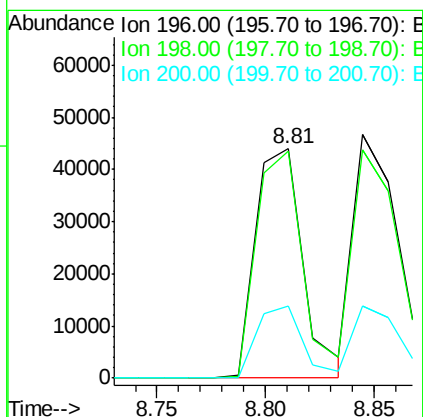
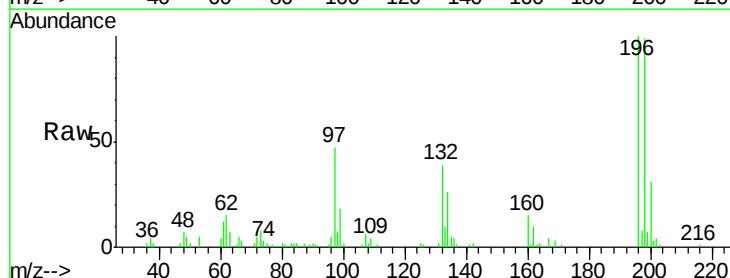
Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

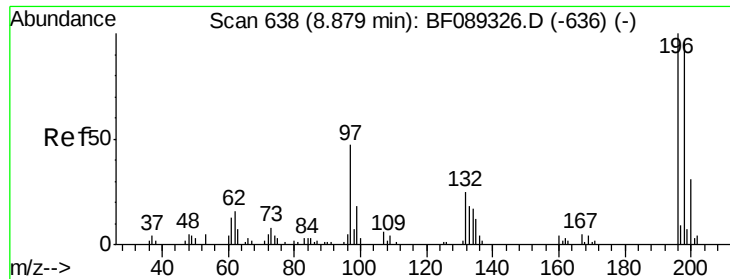
Tgt Ion:330 Resp: 78259
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.8 115.2
 141 48.4 37.3 55.9



#42
 2,4,6-Trichlorophenol
 Concen: 53.57 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:196 Resp: 66858
 Ion Ratio Lower Upper
 196 100
 198 99.1 75.5 113.3
 200 31.4 23.9 35.9

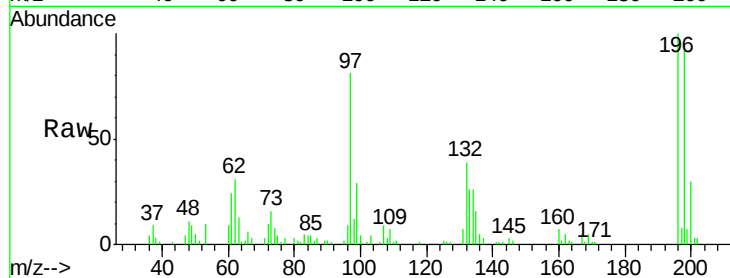




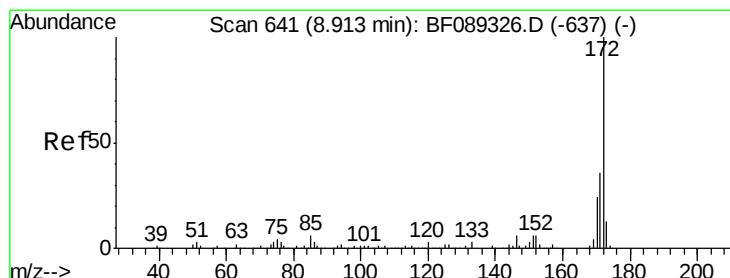
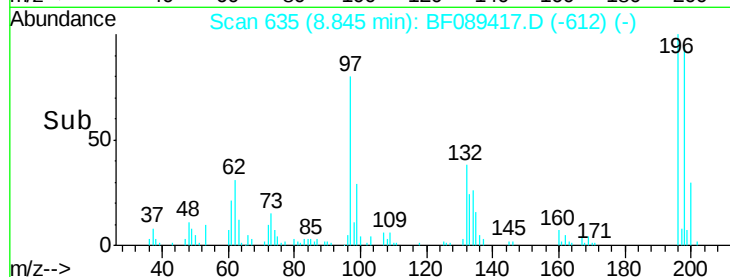
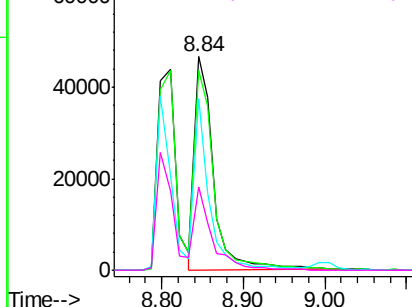
#43
 2,4,5-Trichlorophenol
 Concen: 47.33 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion:196 Resp: 74817
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.7 118.1
 97 80.6 39.7 59.5#
 132 39.1 22.8 34.2#

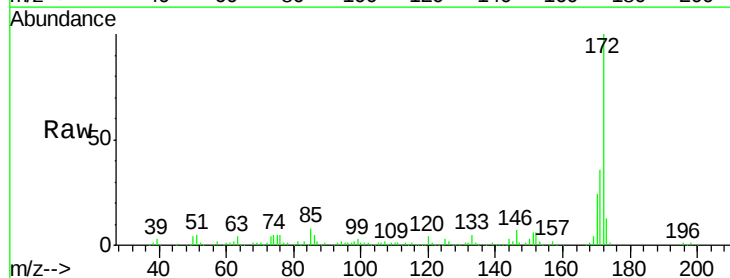


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

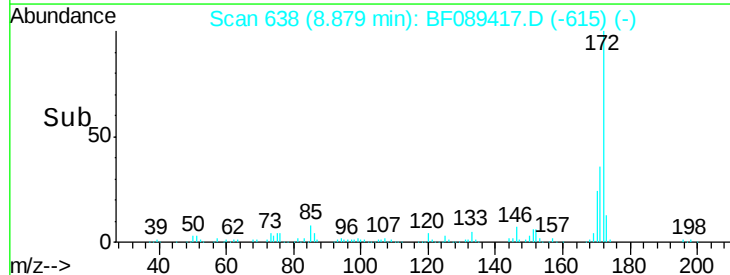
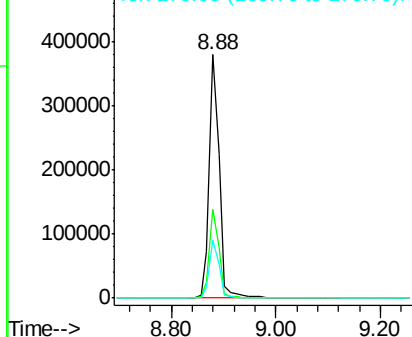


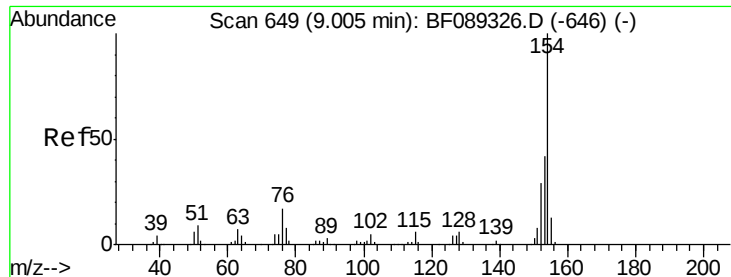
#44
 2-Fluorobiphenyl
 Concen: 98.67 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:172 Resp: 504324
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.8 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

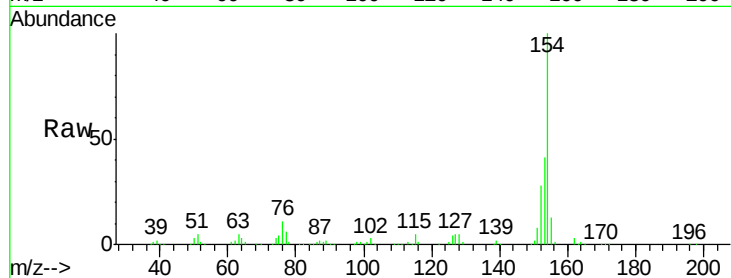




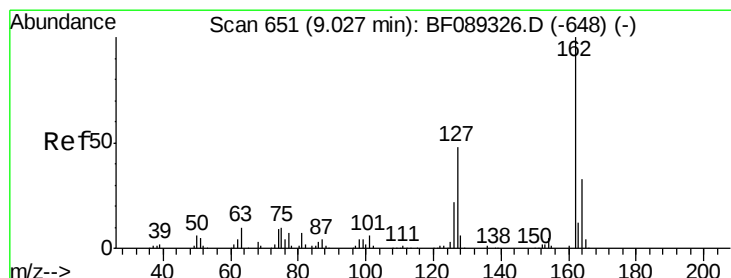
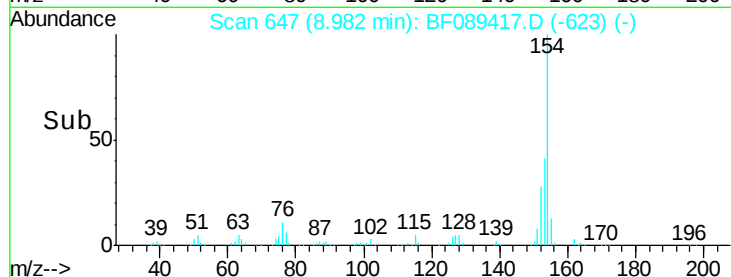
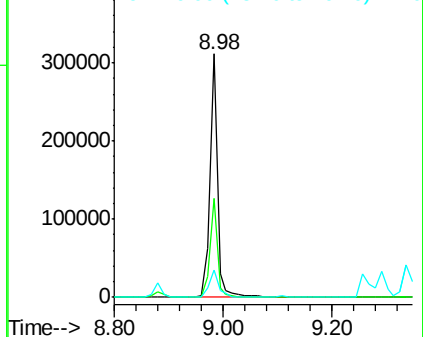
#45
 1,1'-Biphenyl
 Concen: 47.00 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion:154 Resp: 300139
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.0 61.0
 76 11.4 0.0 36.6

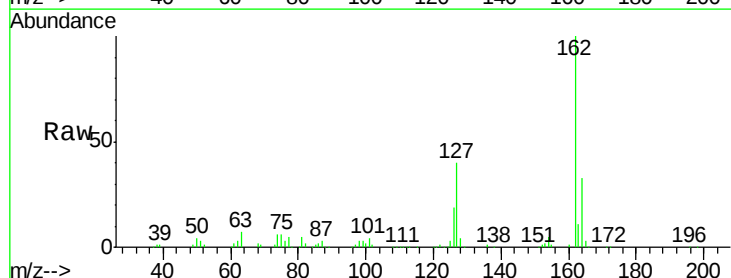


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

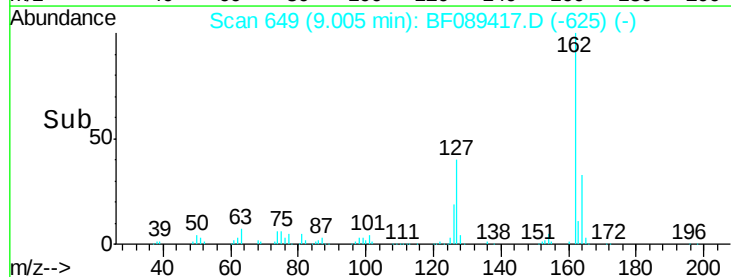
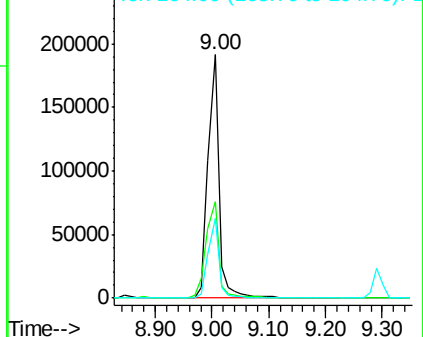


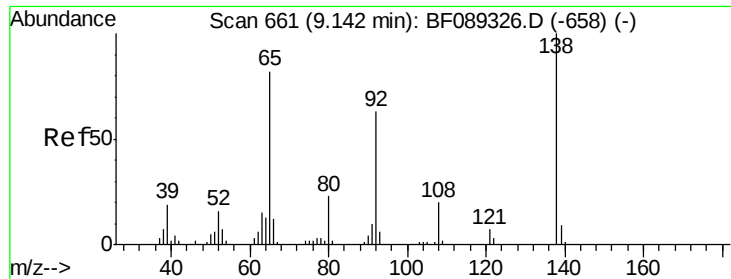
#46
 2-Chloronaphthalene
 Concen: 51.65 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:162 Resp: 247738
 Ion Ratio Lower Upper
 162 100
 127 39.6 37.8 56.8
 164 32.6 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

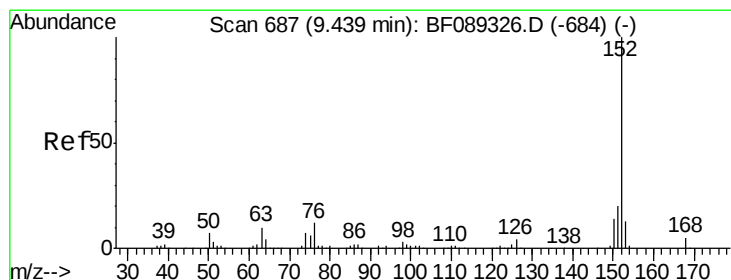
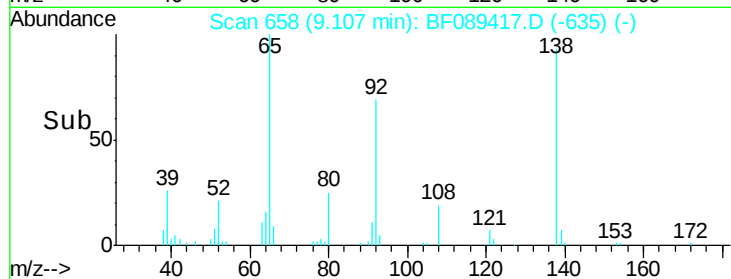
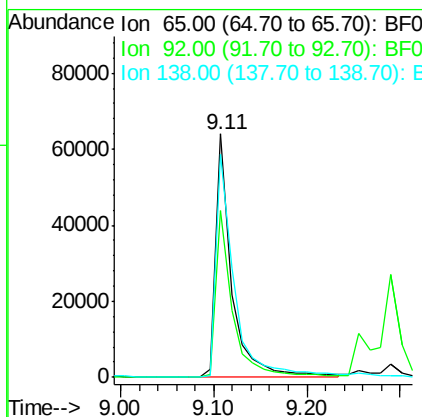
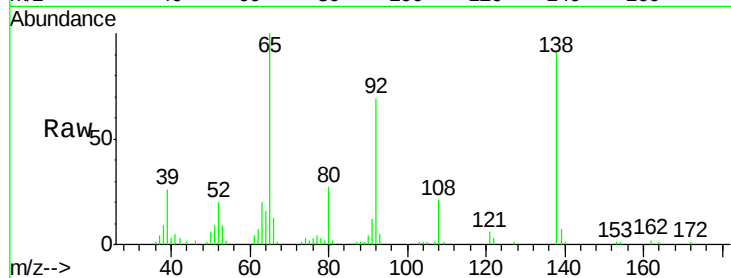




#47
2-Nitroaniline
Concen: 54.23 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

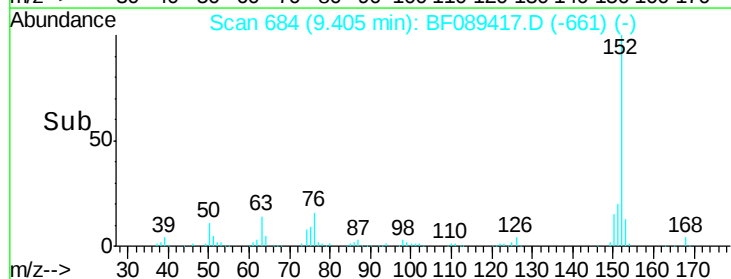
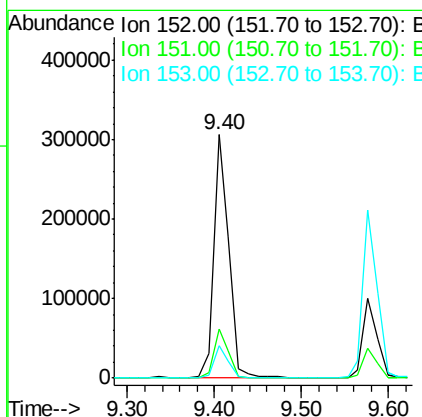
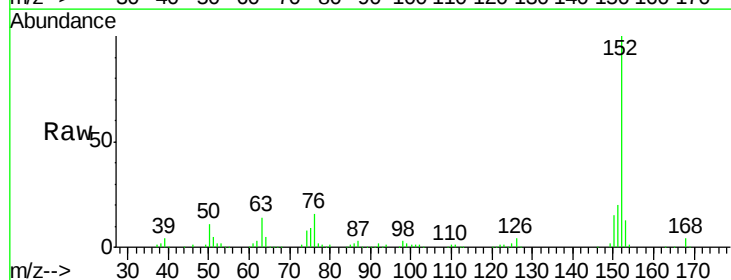
Instrument :
BNA_F
ClientSampleId :
PB92476BS

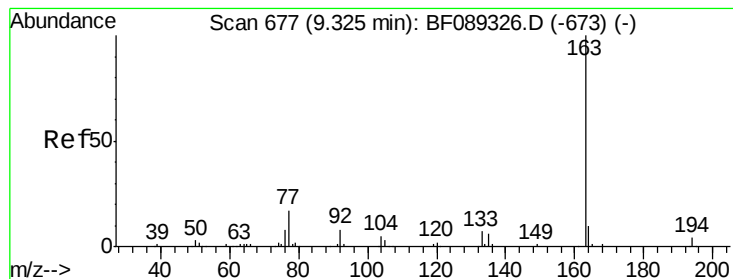
Tgt Ion: 65 Resp: 77022
Ion Ratio Lower Upper
65 100
92 68.6 61.0 91.4
138 91.5 99.1 148.7#



#48
Acenaphthylene
Concen: 49.48 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 152 Resp: 373808
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 48.63 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

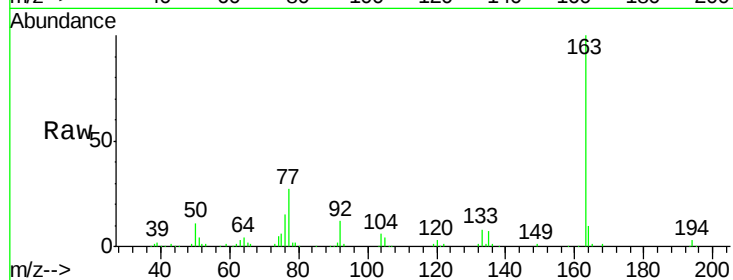
Tgt Ion:163 Resp: 277586

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

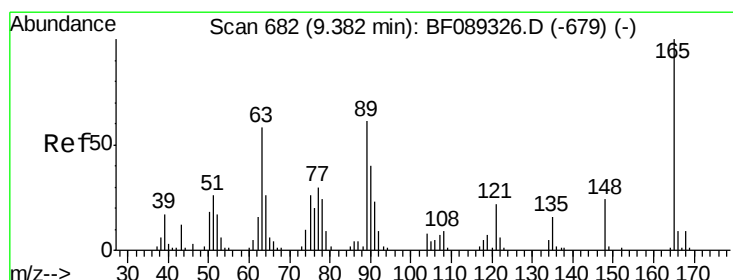
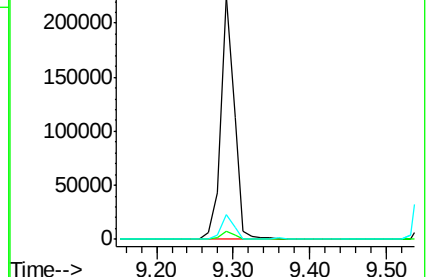
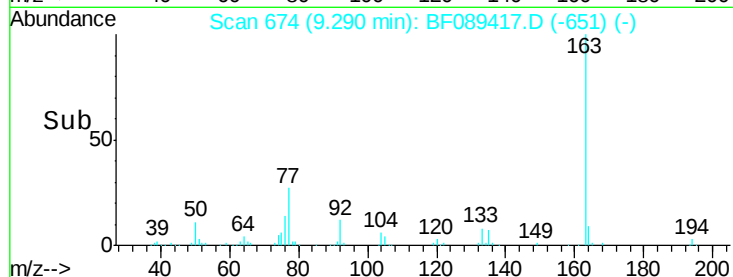
164 10.4 7.8 11.8



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: 51.02 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

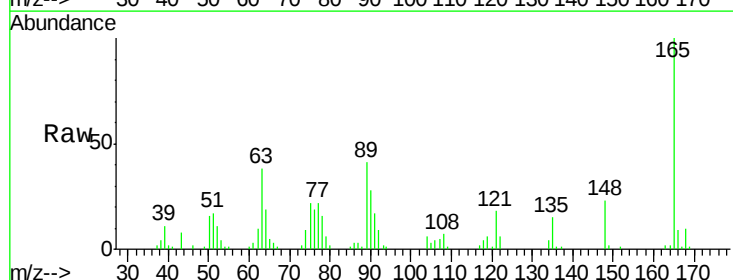
Tgt Ion:165 Resp: 59839

Ion Ratio Lower Upper

165 100

63 37.6 43.5 65.3#

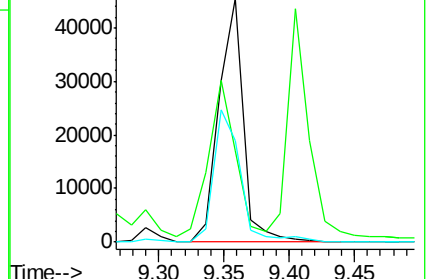
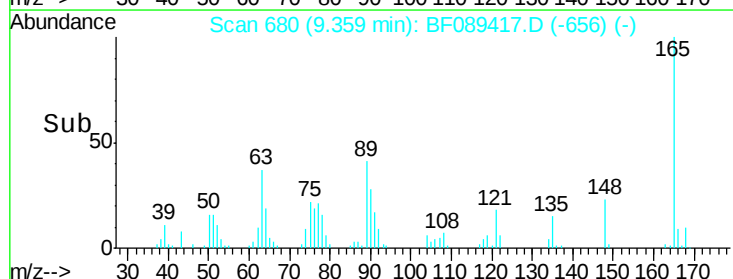
89 41.5 45.0 67.4#

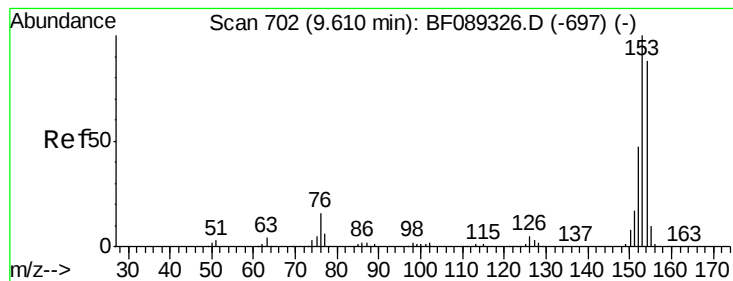


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.66 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

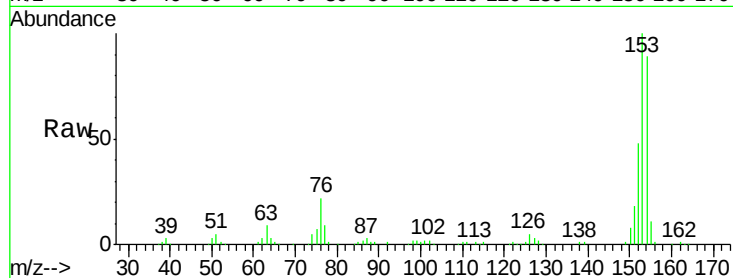
Tgt Ion:154 Resp: 214653

Ion Ratio Lower Upper

154 100

153 113.0 91.4 137.2

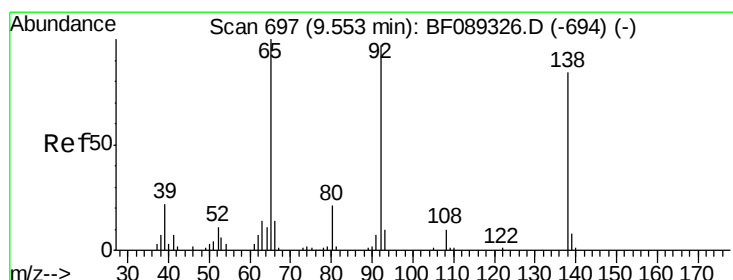
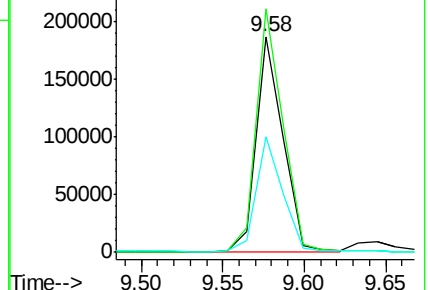
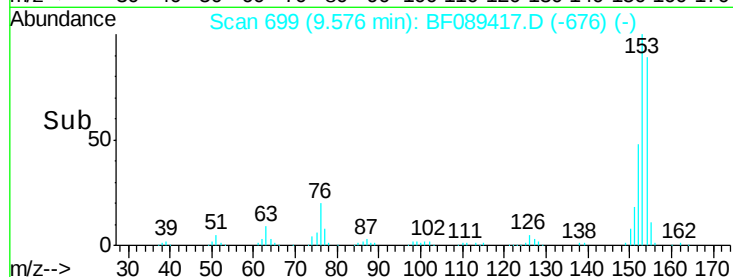
152 53.7 43.8 65.6



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: 19.41 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

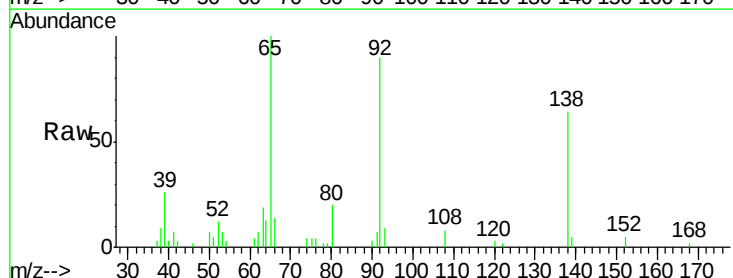
Tgt Ion:138 Resp: 24024

Ion Ratio Lower Upper

138 100

108 12.0 8.6 13.0

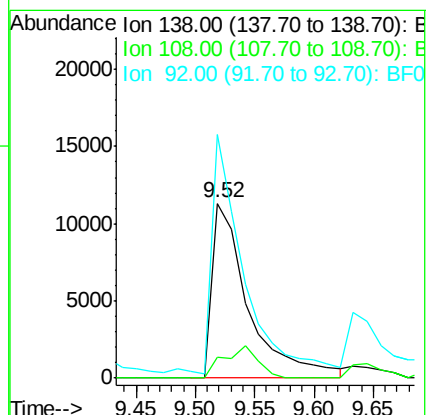
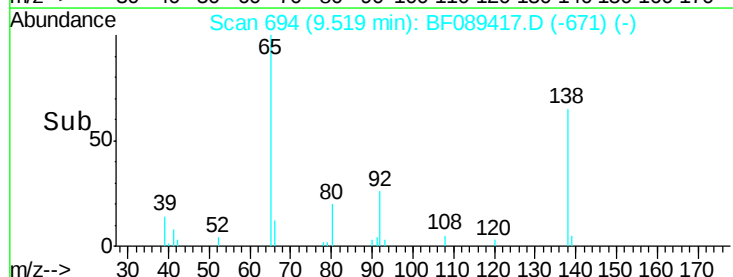
92 139.2 90.0 135.0#

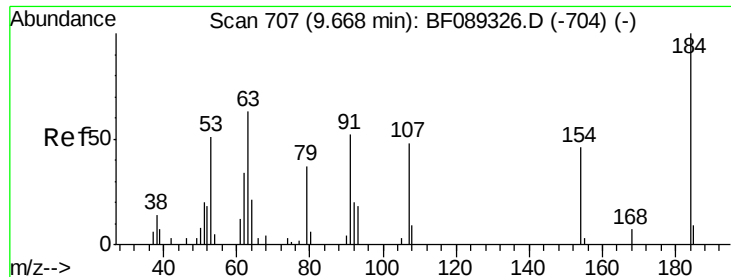


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

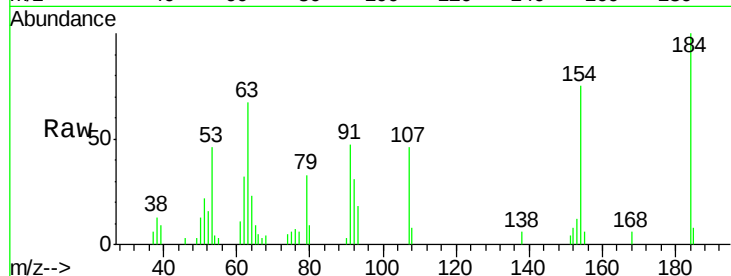




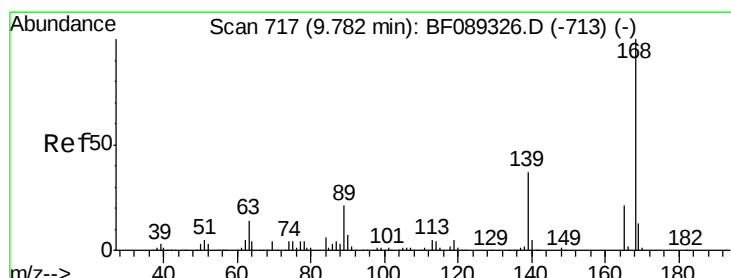
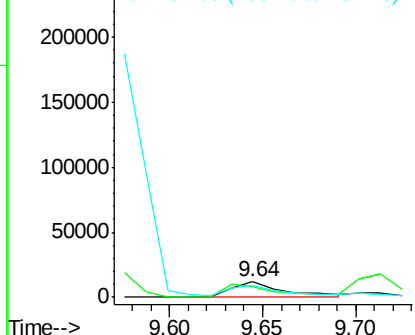
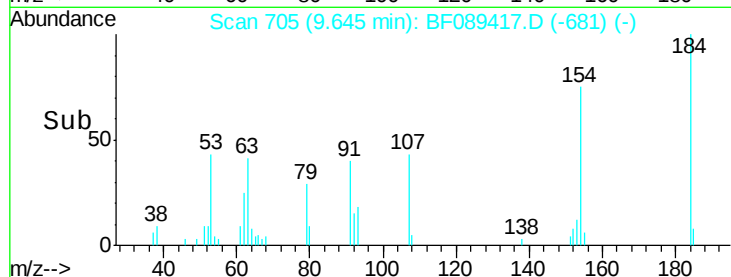
#53
 2,4-Dinitrophenol
 Concen: 52.95 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion:184 Resp: 23316
 Ion Ratio Lower Upper
 184 100
 63 66.6 60.6 90.8
 154 75.4 69.8 104.8

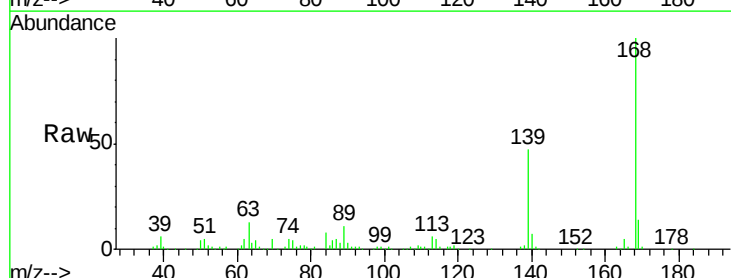


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

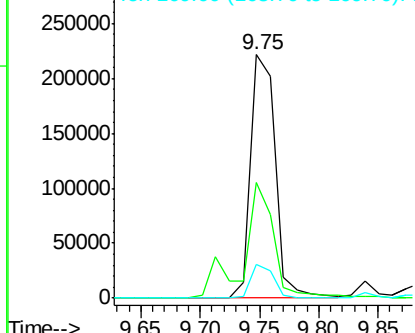
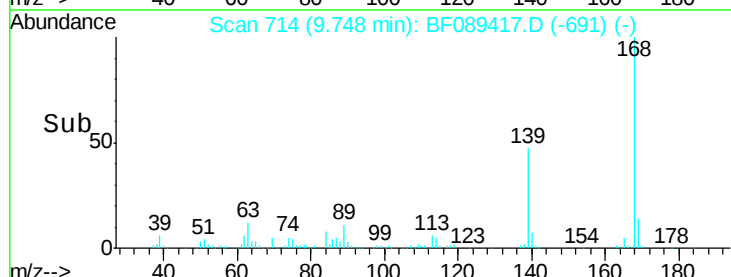


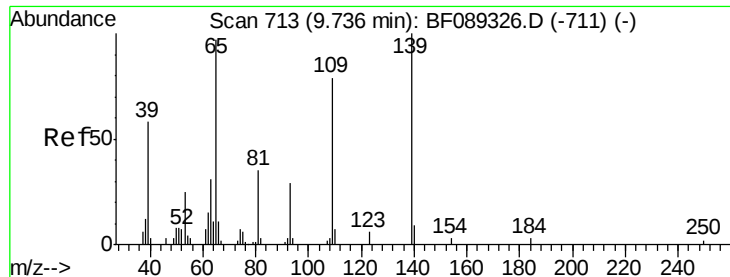
#54
 Dibenzofuran
 Concen: 54.02 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:168 Resp: 324752
 Ion Ratio Lower Upper
 168 100
 139 47.3 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: 309.15 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

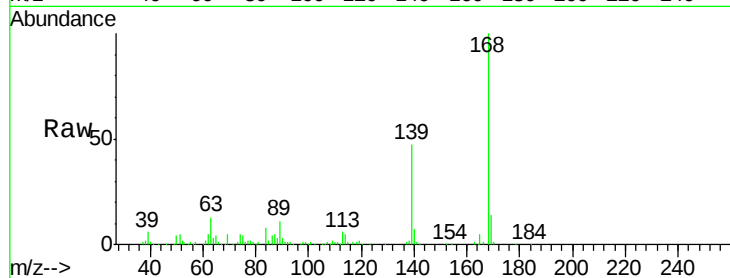
Tgt Ion:139 Resp: 197937

Ion Ratio Lower Upper

139 100

109 4.7 57.8 97.8#

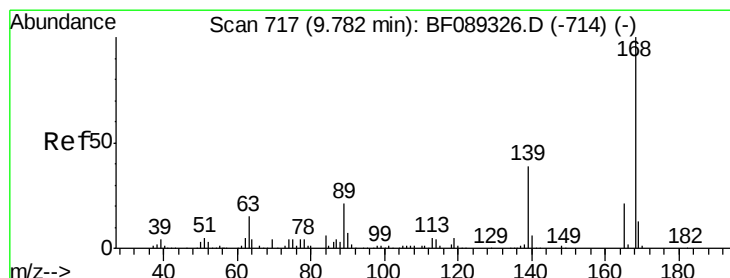
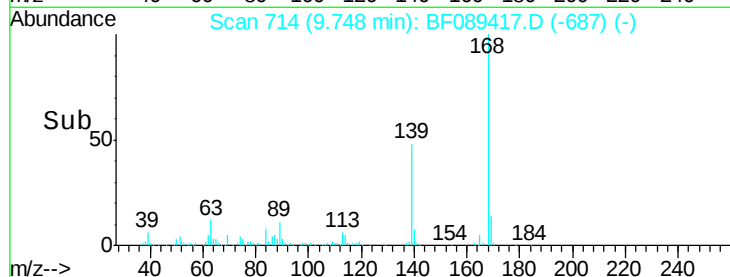
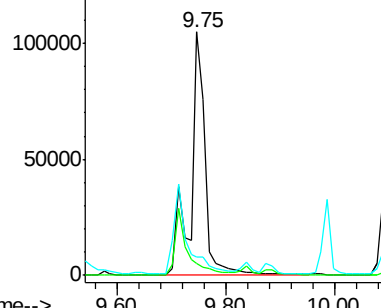
65 7.6 81.7 121.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.23 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:165 Resp: 83736

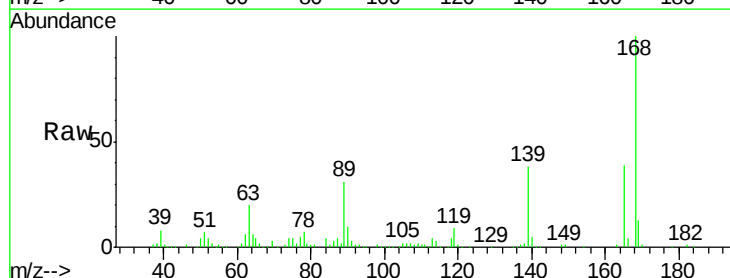
Ion Ratio Lower Upper

165 100

63 50.9 58.2 87.2#

89 78.5 79.1 118.7#

182 2.7 1.8 2.8

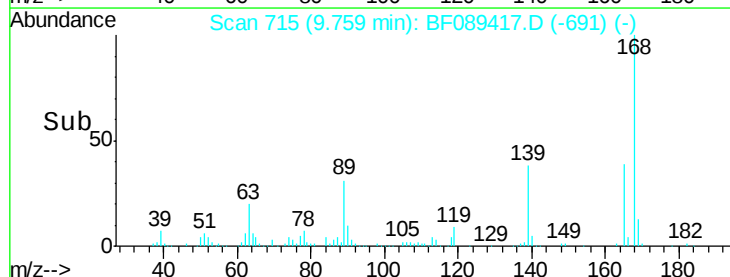
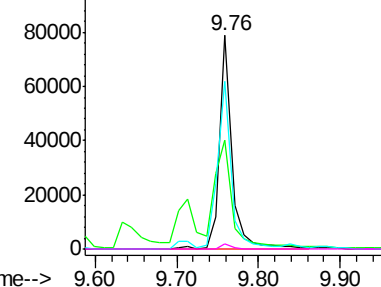


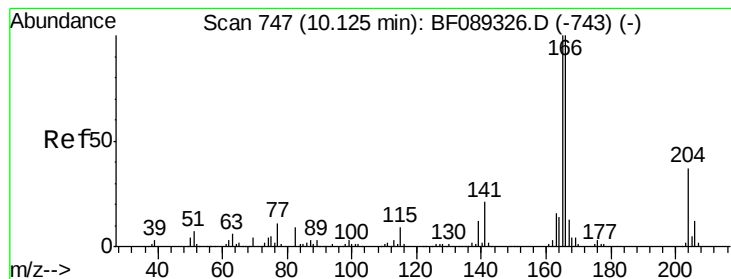
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.36 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

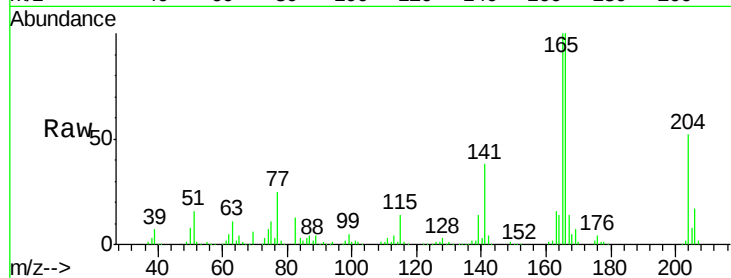
Tgt Ion:166 Resp: 253761

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.4

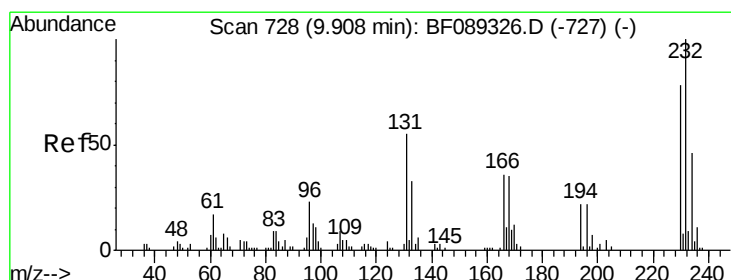
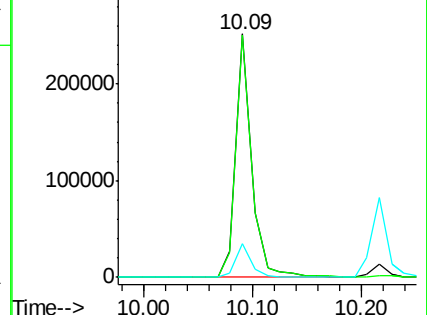
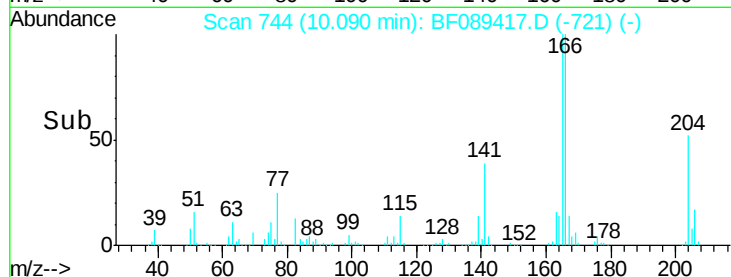
167 13.7 10.2 15.2



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: 53.42 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:232 Resp: 56381

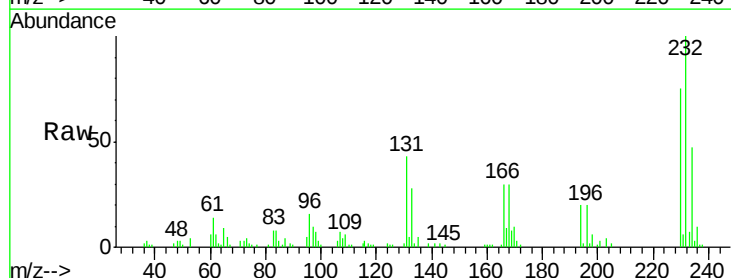
Ion Ratio Lower Upper

232 100

131 55.3 42.7 64.1

130 2.5 1.7 2.5

166 36.3 25.7 38.5

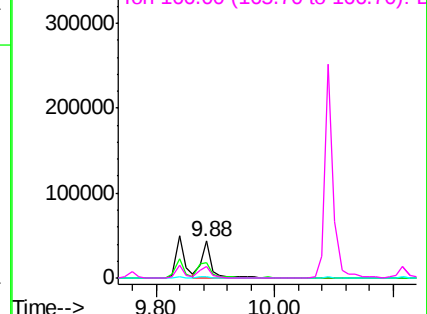
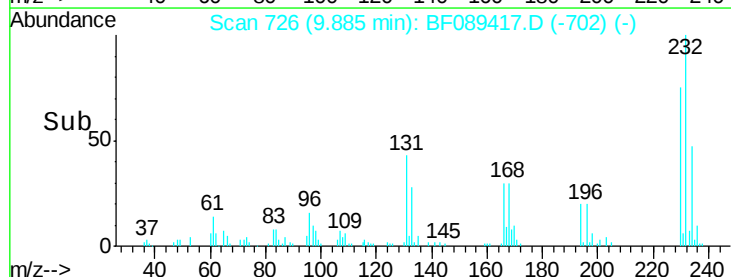


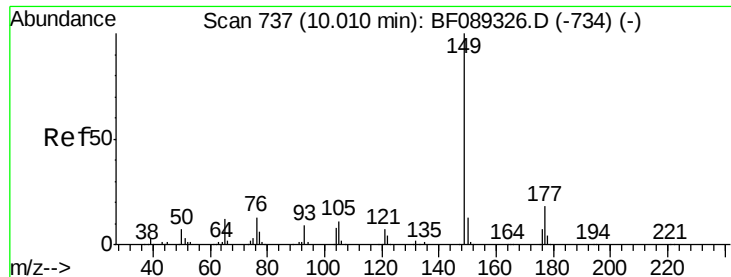
Abundance Ion 232.00 (231.70 to 232.70): E

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

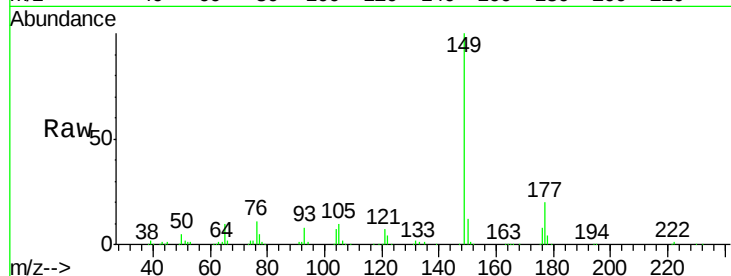




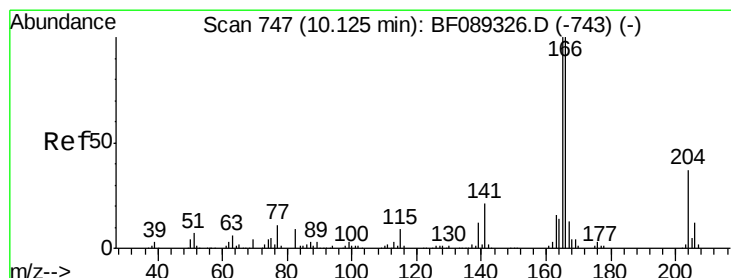
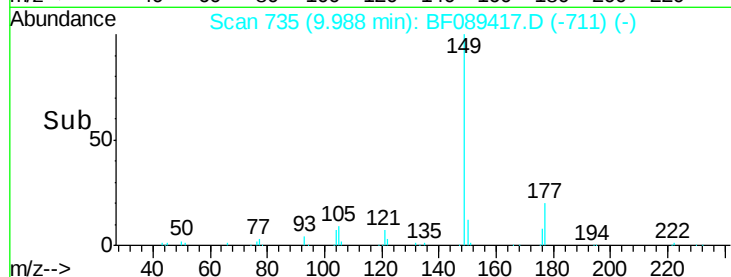
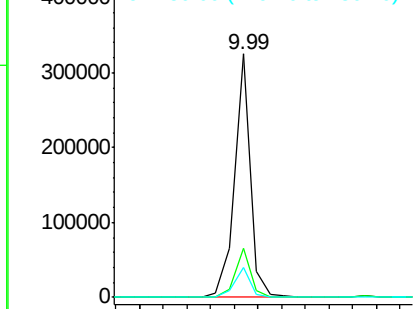
#59
Diethylphthalate
Concen: 52.19 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:149 Resp: 302013
Ion Ratio Lower Upper
149 100
177 20.1 15.1 22.7
150 12.1 10.2 15.4

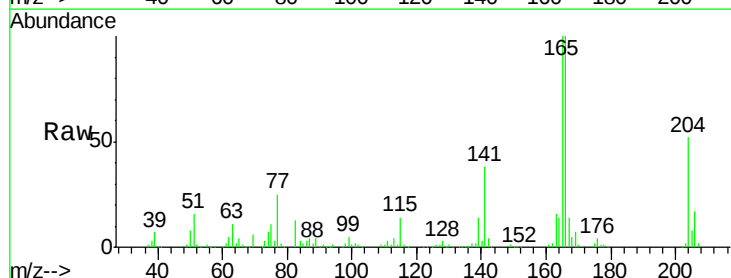


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

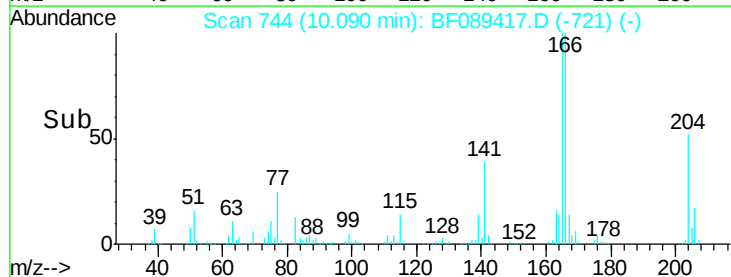
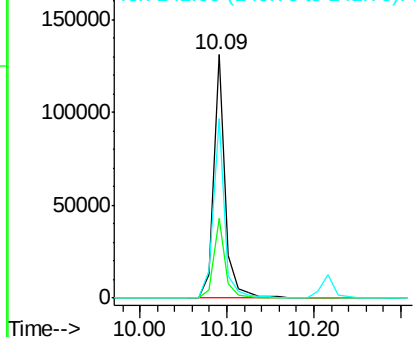


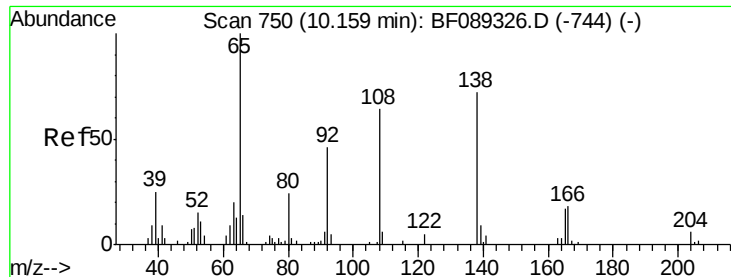
#60
4-Chlorophenyl-phenylether
Concen: 50.82 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:204 Resp: 122330
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 73.5 46.6 70.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

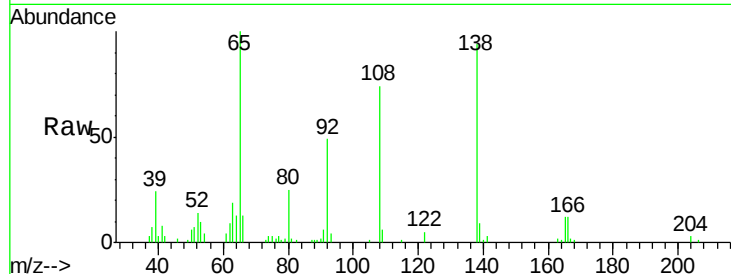




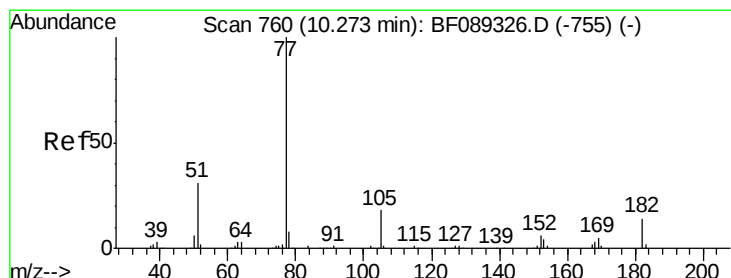
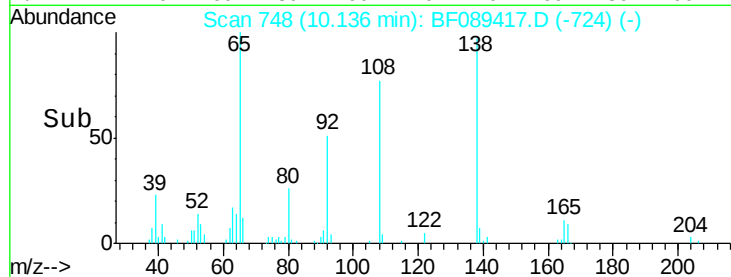
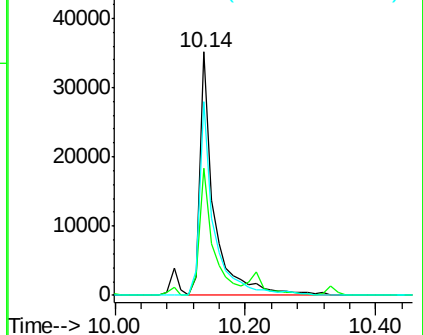
#61
4-Nitroaniline
Concen: 40.94 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 138 Resp: 52238
Ion Ratio Lower Upper
138 100
92 52.2 41.2 81.2
108 79.5 69.6 109.6



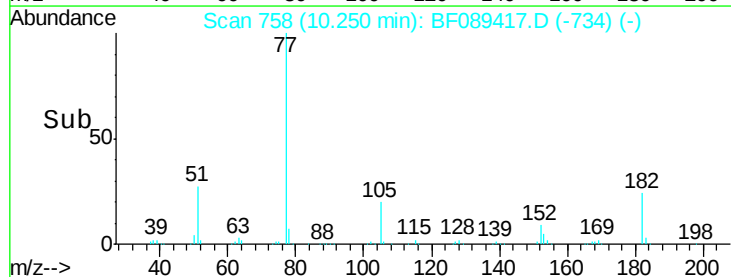
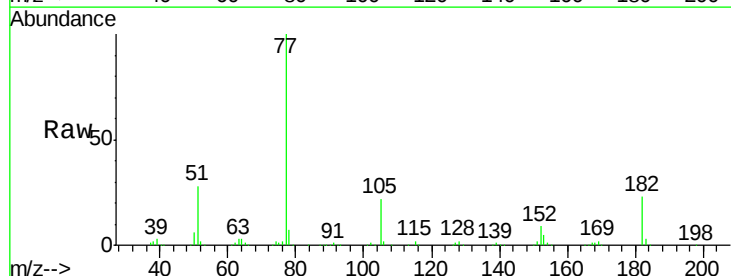
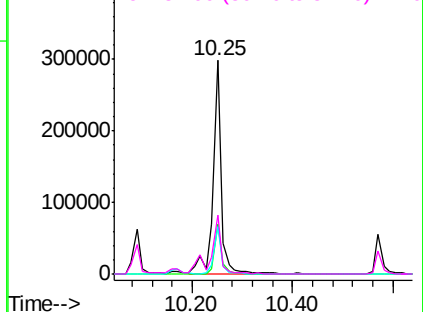
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

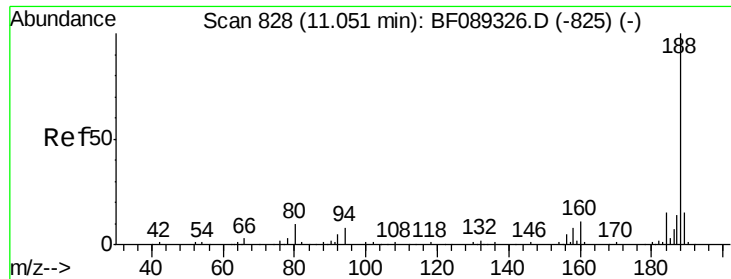


#62
Azobenzene
Concen: 55.99 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 77 Resp: 333704
Ion Ratio Lower Upper
77 100
182 23.3 0.0 33.8
105 22.2 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

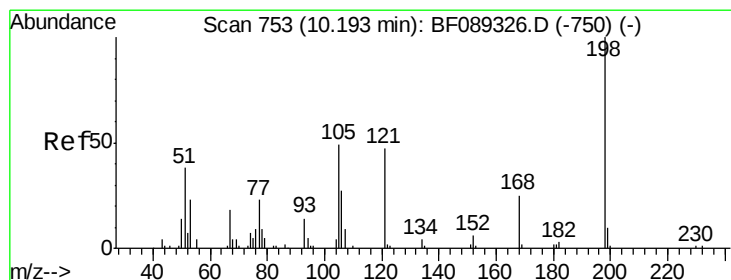
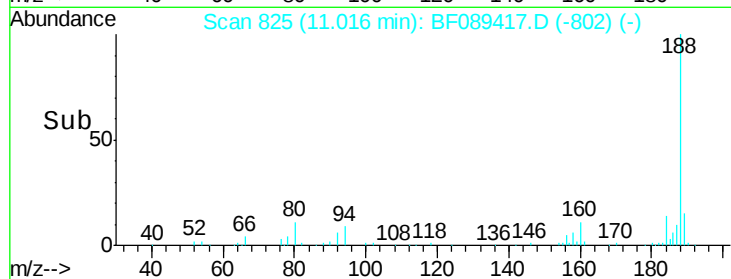
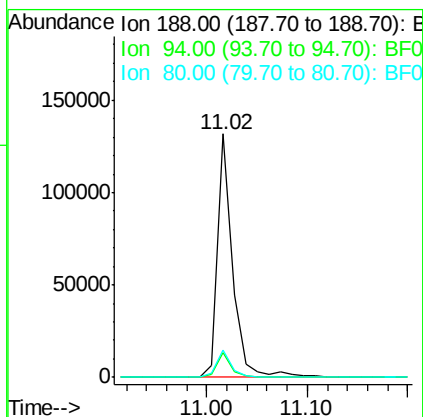
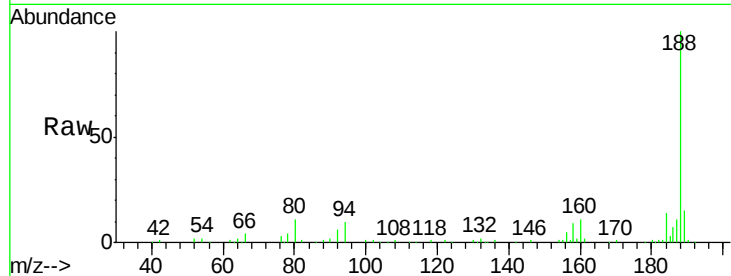




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

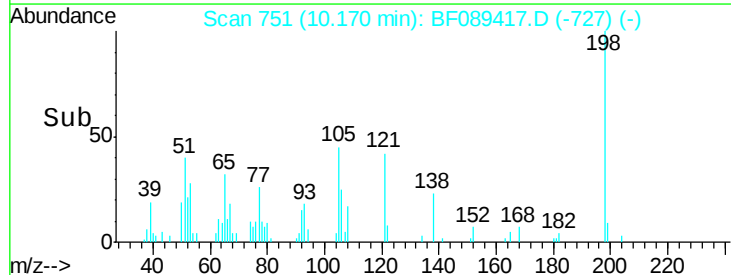
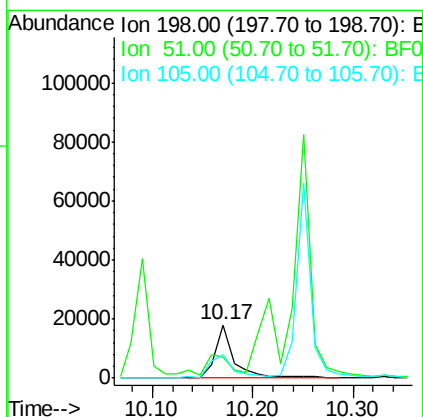
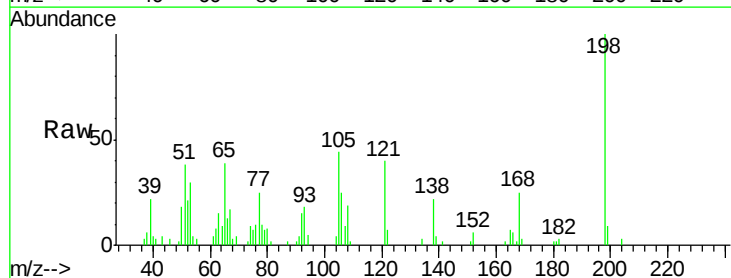
Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

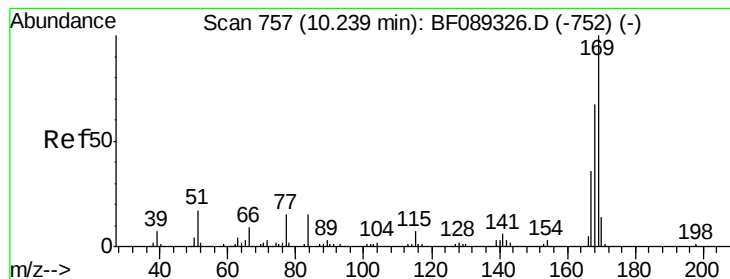
Tgt Ion:188 Resp: 137822
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.5 9.7#
 80 11.4 7.2 10.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.10 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:198 Resp: 23563
 Ion Ratio Lower Upper
 198 100
 51 38.3 23.0 63.0
 105 43.6 28.3 68.3





#65

n-Nitrosodiphenylamine

Concen: 54.84 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

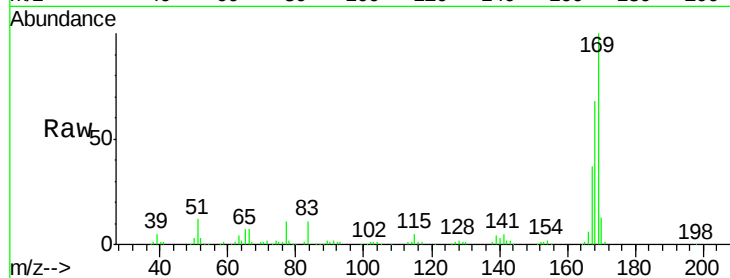
Tgt Ion:169 Resp: 235847

Ion Ratio Lower Upper

169 100

168 67.7 55.4 83.0

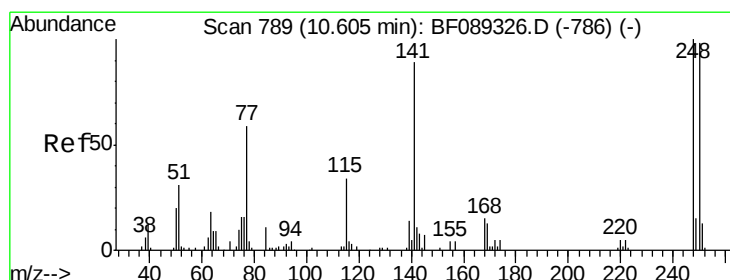
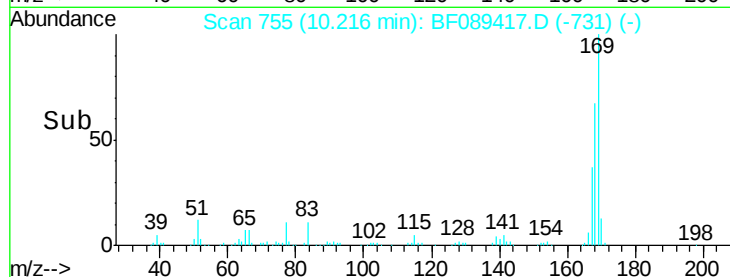
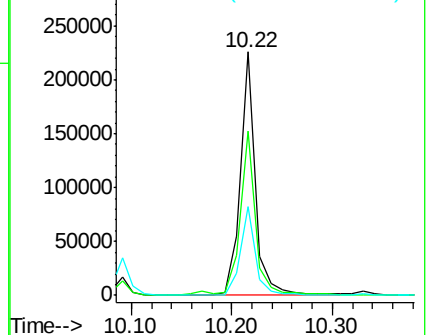
167 36.7 29.7 44.5



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: 51.08 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

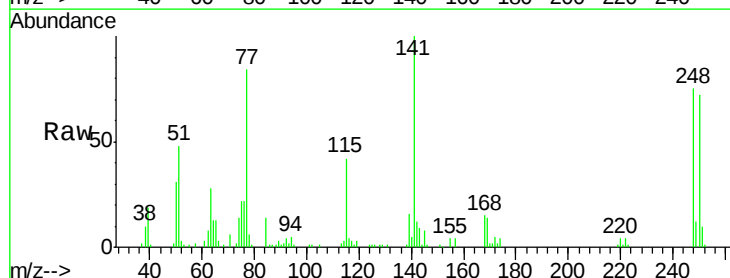
Tgt Ion:248 Resp: 67211

Ion Ratio Lower Upper

248 100

250 96.0 78.2 117.2

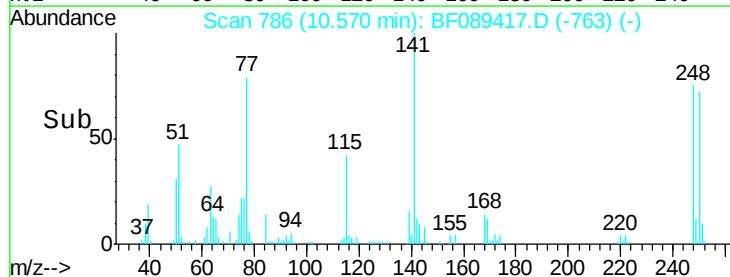
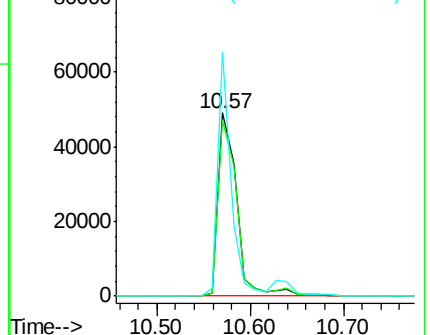
141 132.9 62.0 93.0#

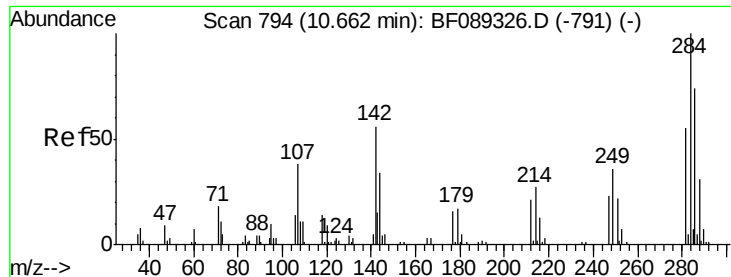


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.22 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

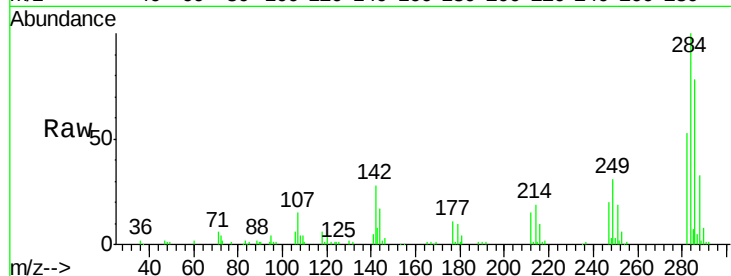
Tgt Ion:284 Resp: 69070

Ion Ratio Lower Upper

284 100

142 28.2 42.2 63.4#

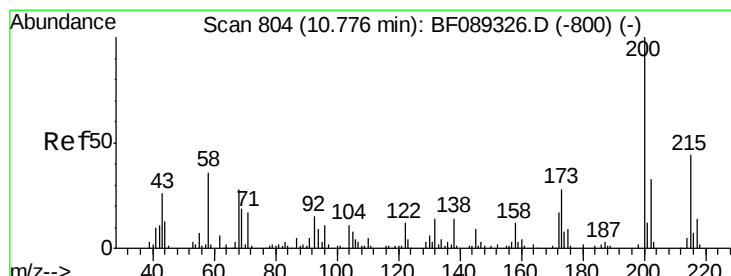
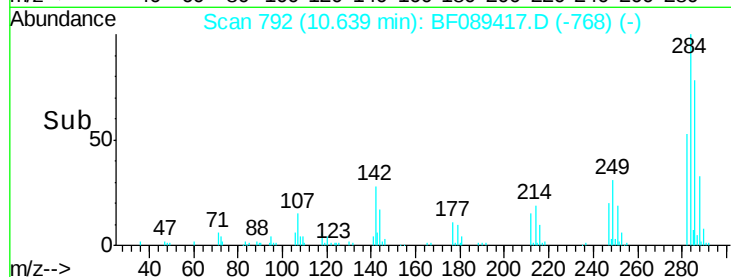
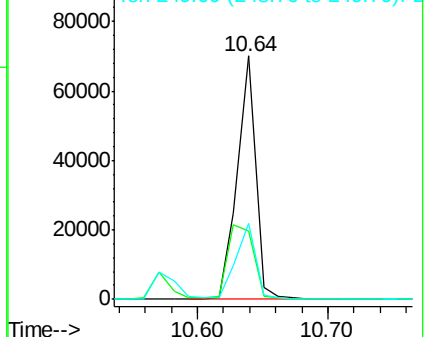
249 31.3 29.4 44.0



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: 47.48 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

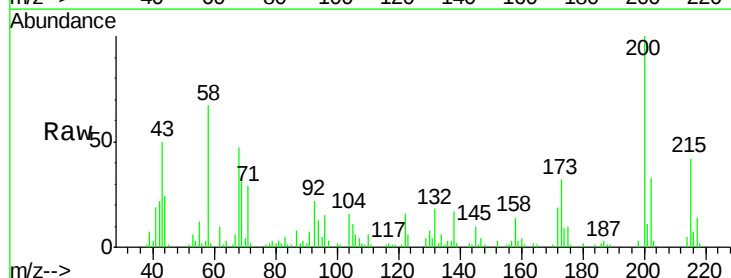
Tgt Ion:200 Resp: 62729

Ion Ratio Lower Upper

200 100

173 31.5 6.0 46.0

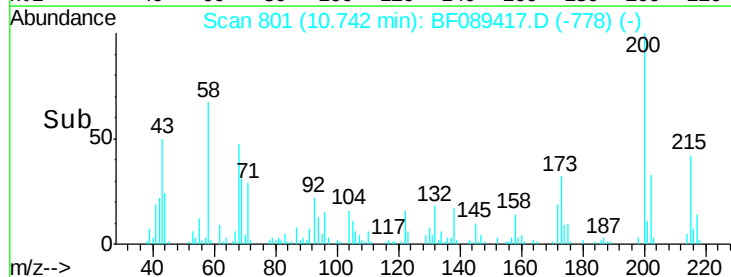
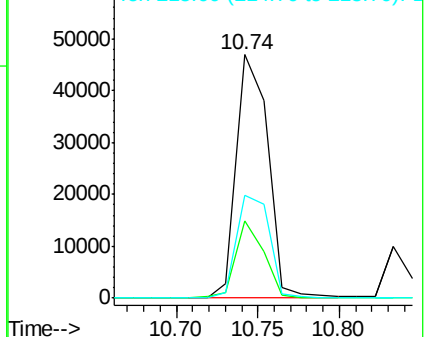
215 42.3 24.3 64.3

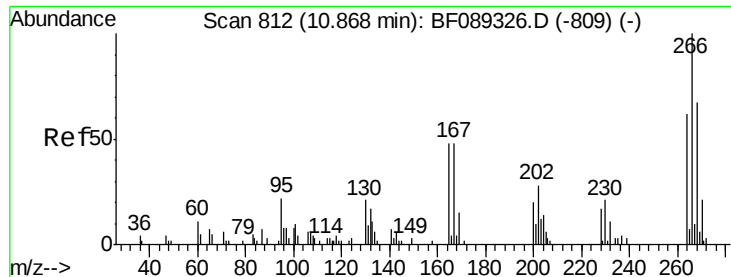


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

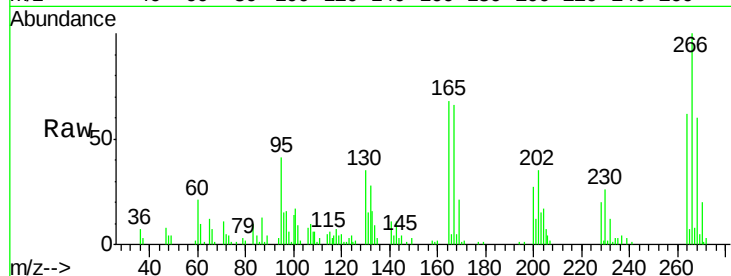




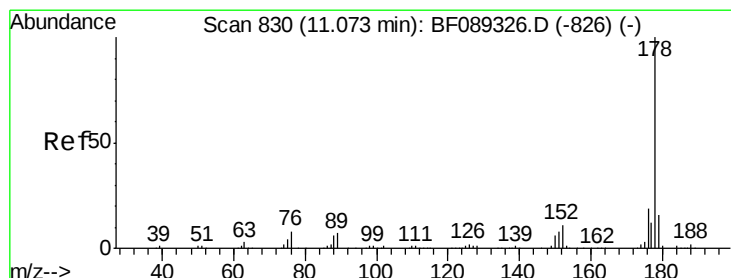
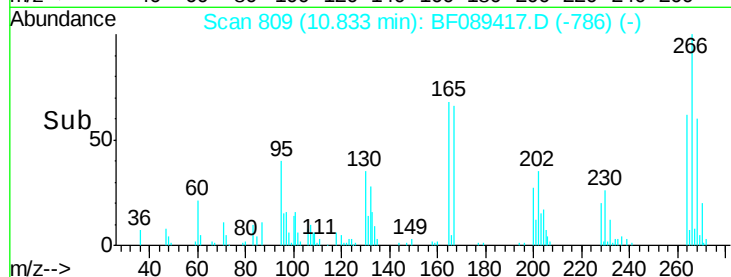
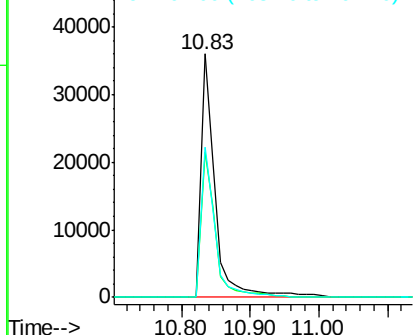
#69
 Pentachlorophenol
 Concen: 76.76 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion:266 Resp: 49978
 Ion Ratio Lower Upper
 266 100
 268 59.8 49.4 74.2
 264 61.8 50.2 75.2

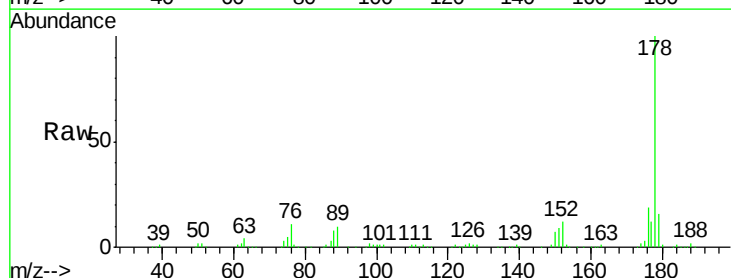


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

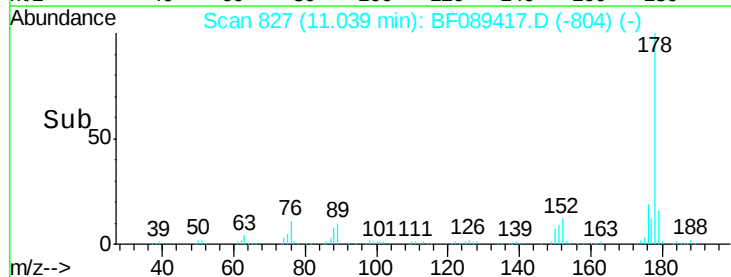
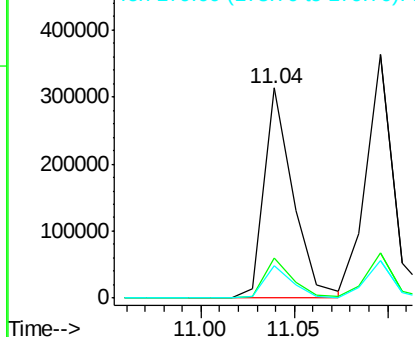


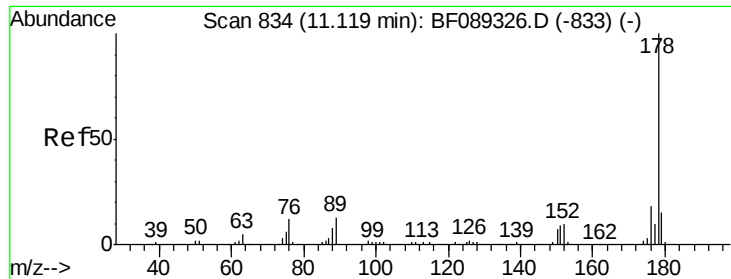
#70
 Phenanthrene
 Concen: 47.19 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:178 Resp: 335446
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.6 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

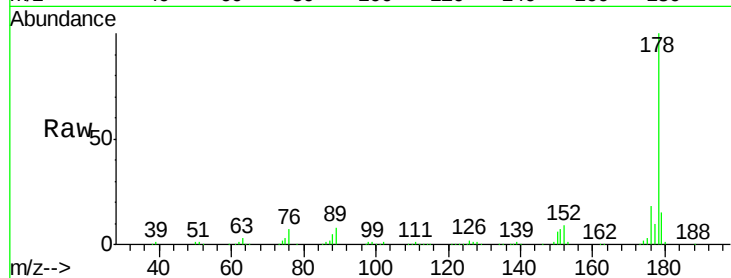




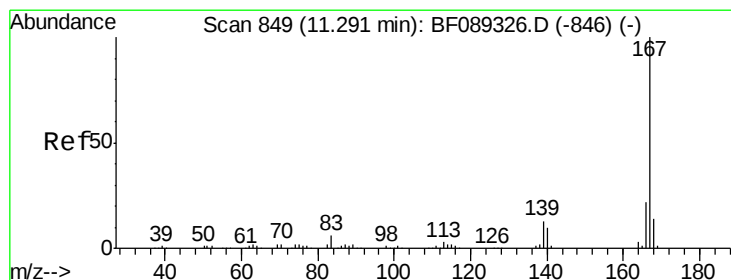
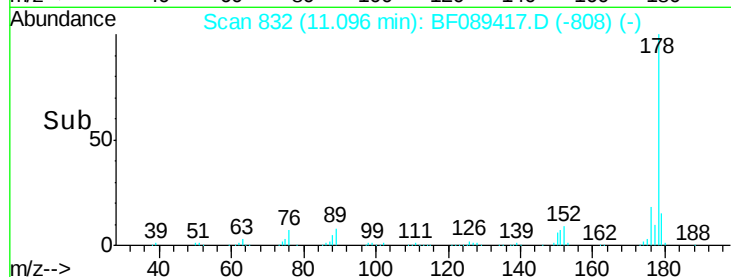
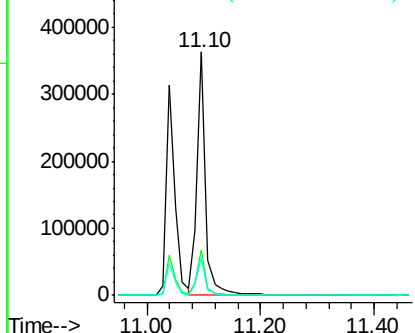
#71
 Anthracene
 Concen: 48.95 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion:178 Resp: 386858
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.4 12.6 18.8

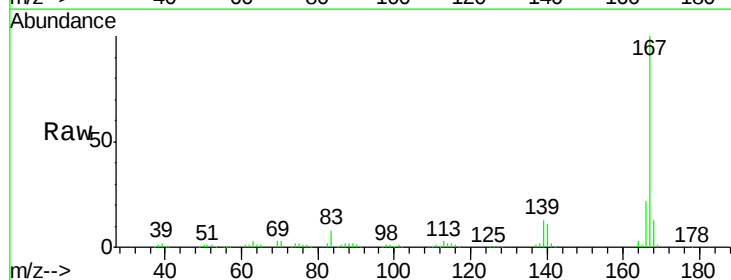


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

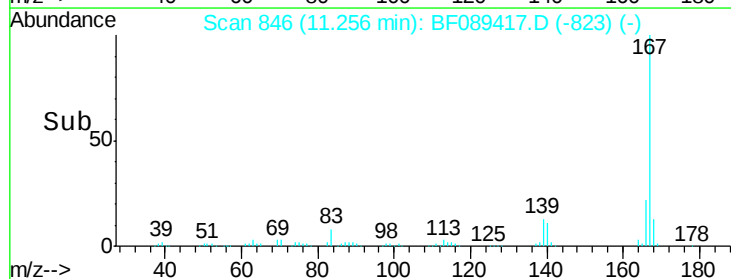
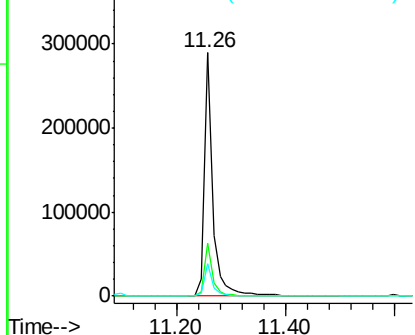


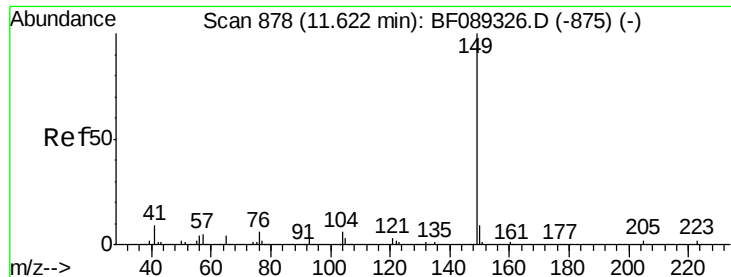
#72
 Carbazole
 Concen: 46.70 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:167 Resp: 310671
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.5 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: 51.39 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

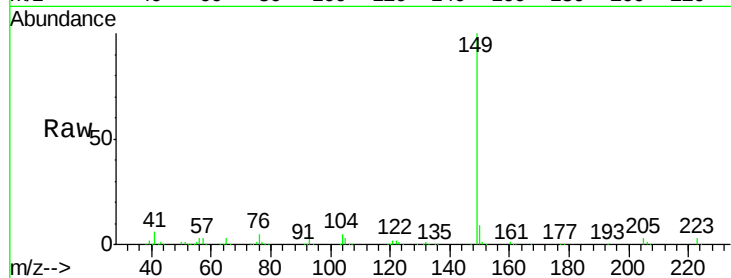
Tgt Ion:149 Resp: 458692

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

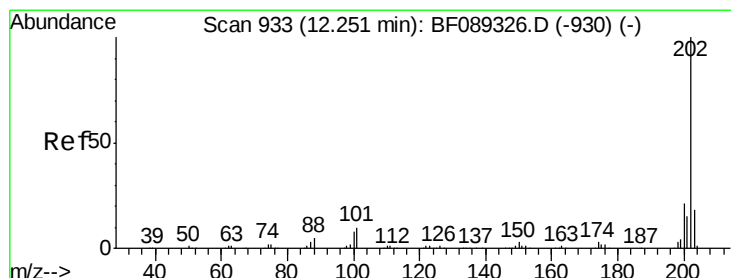
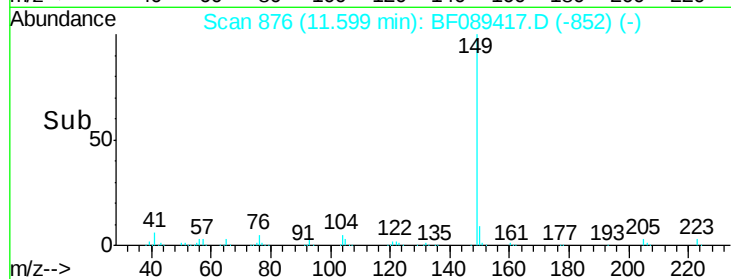
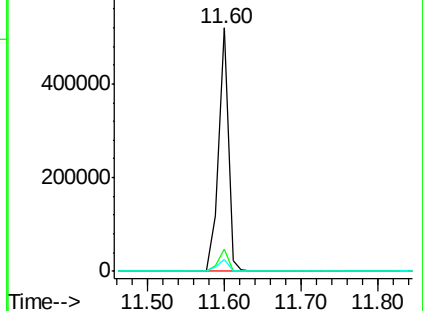
104 5.1 4.7 7.1



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: 41.18 ng

RT: 12.22 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

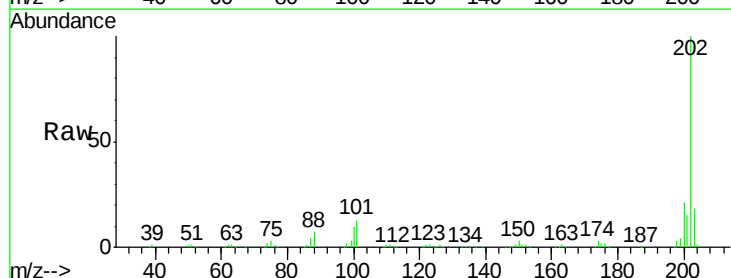
Tgt Ion:202 Resp: 307894

Ion Ratio Lower Upper

202 100

101 13.4 0.0 29.9

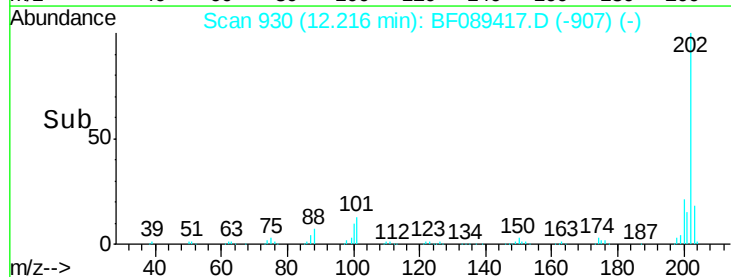
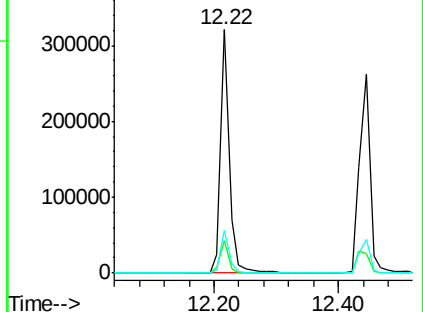
203 17.6 0.0 37.3

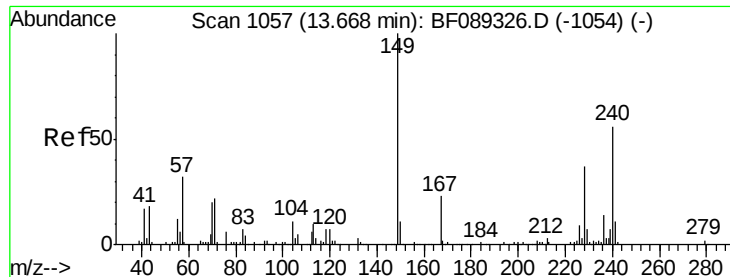


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS

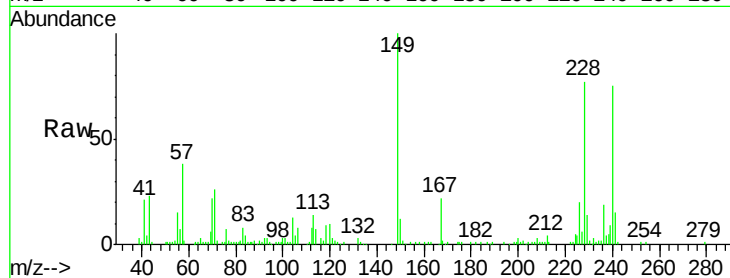
Tgt Ion:240 Resp: 74320

Ion Ratio Lower Upper

240 100

120 13.2 9.1 13.7

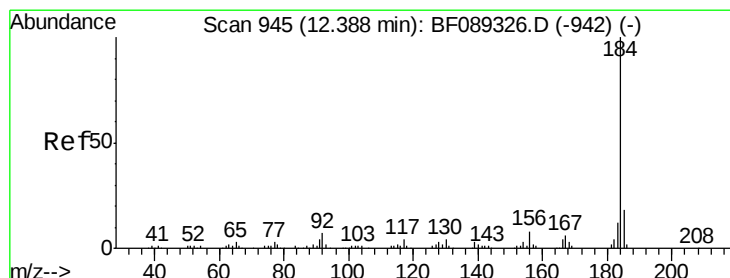
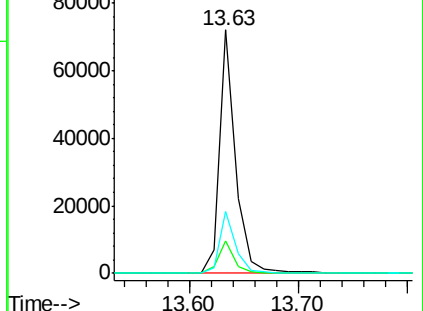
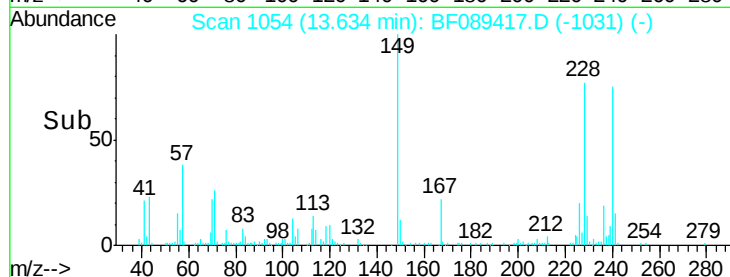
236 25.7 20.6 30.8



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: 22.92 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

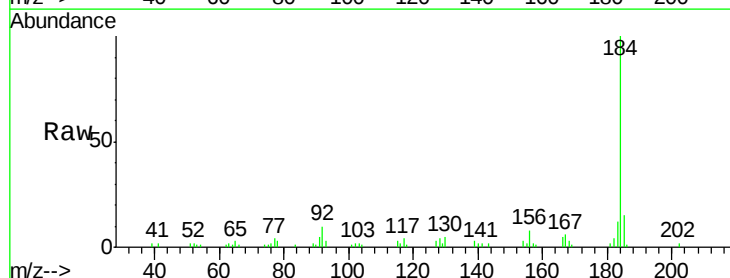
Tgt Ion:184 Resp: 62947

Ion Ratio Lower Upper

184 100

185 14.9 13.5 20.3

183 11.9 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

