

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072716\
 Data File : BF089332.D
 Acq On : 27 Jul 2016 16:53
 Operator : UM/SJ
 Sample : PB92412BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Quant Time: Jul 28 01:00:08 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 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	44846	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	195293	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	94630	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	181451	20.00	ng	0.00
75) Chrysene-d12	13.67	240	133745	20.00	ng	0.00
86) Perylene-d12	15.01	264	111913	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	365698	130.21	ng	0.02
7) Phenol-d6	6.20	99	484584	130.55	ng	0.00
23) Nitrobenzene-d5	7.12	82	315160	95.25	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	101031	128.91	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	610943	94.75	ng	0.00
78) Terphenyl-d14	12.63	244	509234	89.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	47046	36.68	ng	# 95
3) Pyridine	2.65	79	111127	40.44	ng	99
4) n-Nitrosodimethylamine	2.63	42	48711	43.85	ng	95
6) Aniline	6.22	93	131010	32.69	ng	# 43
8) 2-Chlorophenol	6.33	128	152962	48.15	ng	94
9) Benzaldehyde	6.09	77	61101	33.71	ng	99
10) Phenol	6.22	94	184197	44.97	ng	84
11) bis(2-Chloroethyl)ether	6.30	93	153513	44.11	ng	97
12) 1,3-Dichlorobenzene	6.48	146	152329	45.84	ng	99
13) 1,4-Dichlorobenzene	6.56	146	163597	44.61	ng	99
14) 1,2-Dichlorobenzene	6.72	146	150742	43.88	ng	97
15) Benzyl Alcohol	6.71	79	124211	53.92	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	164892	43.44	ng	83
17) 2-Methylphenol	6.83	107	112150	45.67	ng	96
18) Hexachloroethane	7.05	117	62429	44.40	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	112444	50.24	ng	95
20) 3+4-Methylphenols	6.98	107	149543	47.42	ng	95
22) Acetophenone	6.97	105	196719	42.31	ng	98
24) Nitrobenzene	7.14	77	153881	40.86	ng	100
25) Isophorone	7.38	82	303435	45.53	ng	100
26) 2-Nitrophenol	7.46	139	75253	44.70	ng	99
27) 2,4-Dimethylphenol	7.51	122	124375	46.37	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	184801	50.09	ng	99
29) 2,4-Dichlorophenol	7.70	162	125587	51.39	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	126447	45.35	ng	100
31) Naphthalene	7.85	128	452168	46.76	ng	99
32) Benzoic acid	7.68	122	66925	35.81	ng	96
33) 4-Chloroaniline	7.92	127	69830	18.97	ng	98
34) Hexachlorobutadiene	7.98	225	72166	45.19	ng	99
35) Caprolactam	8.30	113	22011	29.84	ng	96
36) 4-Chloro-3-methylphenol	8.42	107	143344	49.35	ng	92
37) 2-Methylnaphthalene	8.55	142	280863	48.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	108083	32.64	ng	99
40) Hexachlorocyclopentadiene	8.70	237	94762	98.12	ng	98

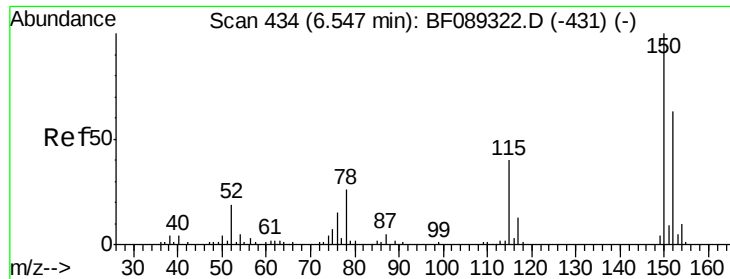
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	76670	48.70	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	91557	45.91	ng	99
45) 1,1'-Biphenyl	9.00	154	300356	37.28	ng	99
46) 2-Chloronaphthalene	9.03	162	271660	44.90	ng	99
47) 2-Nitroaniline	9.14	65	85441	47.68	ng	99
48) Acenaphthylene	9.44	152	437577	45.91	ng	100
49) Dimethylphthalate	9.32	163	330411	45.88	ng	100
50) 2,6-Dinitrotoluene	9.38	165	73346	49.57	ng	# 87
51) Acenaphthene	9.61	154	255316	45.87	ng	99
52) 3-Nitroaniline	9.55	138	37373	23.93	ng	93
53) 2,4-Dinitrophenol	9.67	184	74167	97.03	ng	86
54) Dibenzofuran	9.78	168	363418	47.92	ng	97
55) 4-Nitrophenol	9.78	139	253535	313.77	ng	# 10
56) 2,4-Dinitrotoluene	9.79	165	94645	48.58	ng	# 62
57) Fluorene	10.12	166	315452	47.65	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	70552	52.99	ng	# 95
59) Diethylphthalate	10.02	149	352635	48.30	ng	95
60) 4-Chlorophenyl-phenylether	10.12	204	133961	44.11	ng	99
61) 4-Nitroaniline	10.17	138	69217	43.00	ng	91
62) Azobenzene	10.28	77	359012	47.74	ng	84
64) 4,6-Dinitro-2-methylphenol	10.19	198	46742	43.16	ng	# 55
65) n-Nitrosodiphenylamine	10.25	169	258656	45.68	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	83796	48.37	ng	# 90
67) Hexachlorobenzene	10.66	284	76524	43.10	ng	92
68) Atrazine	10.78	200	76956	44.24	ng	97
69) Pentachlorophenol	10.87	266	76670	88.45	ng	98
70) Phenanthrene	11.07	178	445013	47.55	ng	100
71) Anthracene	11.13	178	476028	45.75	ng	99
72) Carbazole	11.29	167	427653	48.83	ng	99
73) Di-n-butylphthalate	11.62	149	519385	44.20	ng	100
74) Fluoranthene	12.25	202	472788	48.03	ng	97
76) Benzidine	12.39	184	182572	36.94	ng	96
77) Pyrene	12.48	202	459129	45.30	ng	100
79) Butylbenzylphthalate	13.11	149	221308	48.02	ng	93
80) Benzo(a)anthracene	13.66	228	352051	46.64	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	73974	27.24	ng	98
82) Chrysene	13.70	228	366391	45.60	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	309721	46.49	ng	100
84) Di-n-octyl phthalate	14.29	149	529730	50.96	ng	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	278232	48.71	ng	99
87) Benzo(b)fluoranthene	14.69	252	641074	92.24	ng	# 95
88) Benzo(k)fluoranthene	14.69	252	641424	100.38	ng	# 94
89) Benzo(a)pyrene	14.96	252	301531	48.36	ng	# 95
90) Dibenzo(a,h)anthracene	16.22	278	234445	47.74	ng	97
91) Benzo(g,h,i)perylene	16.56	276	223673	46.33	ng	97

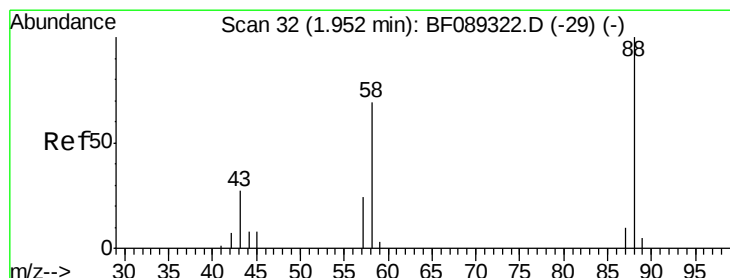
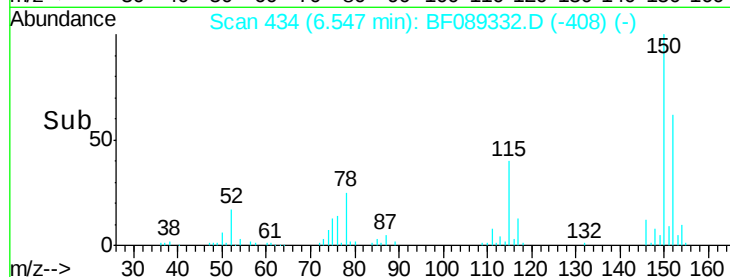
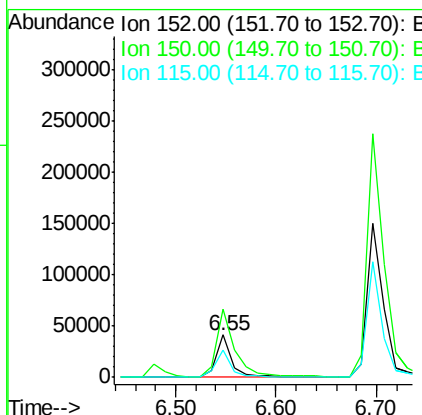
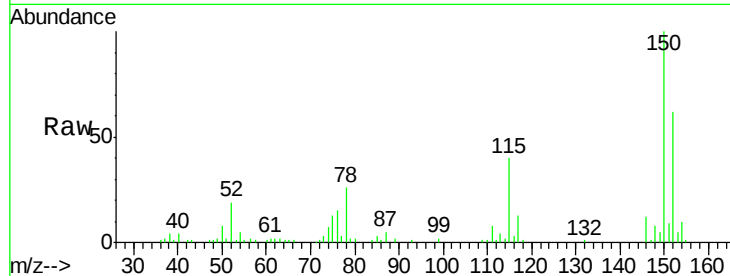
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

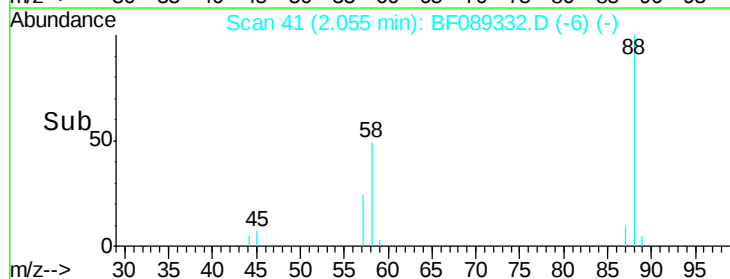
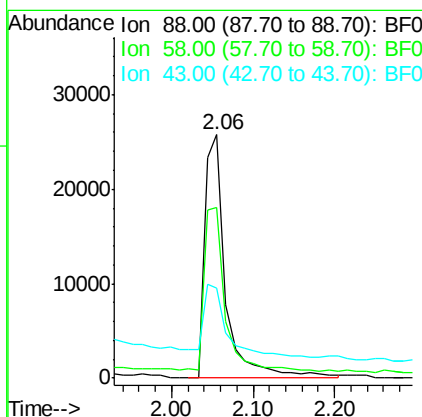
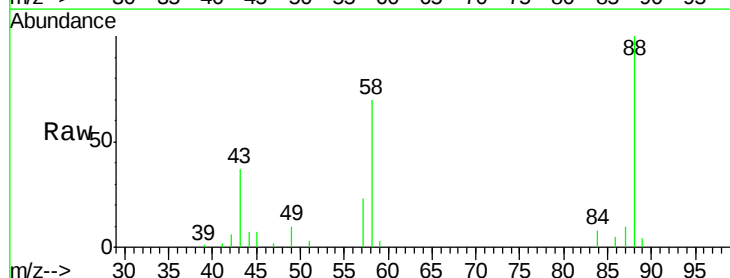
Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

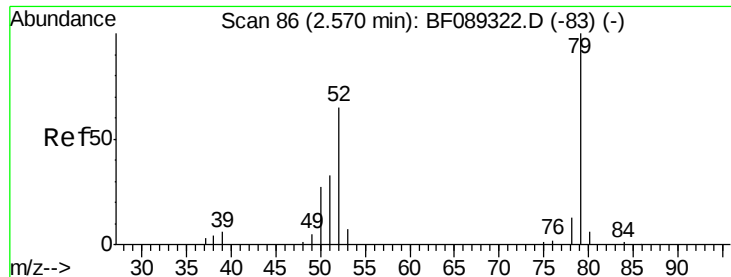
Tgt Ion:152 Resp: 44846
 Ion Ratio Lower Upper
 152 100
 150 160.0 129.5 194.3
 115 63.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 36.68 ng
 RT: 2.06 min Scan# 41
 Delta R.T. 0.10 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion: 88 Resp: 47046
 Ion Ratio Lower Upper
 88 100
 58 66.7 53.2 79.8
 43 34.0 20.6 31.0#





#3

Pyridine

Concen: 40.44 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.08 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

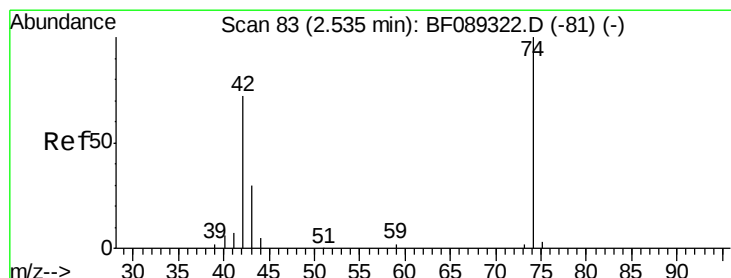
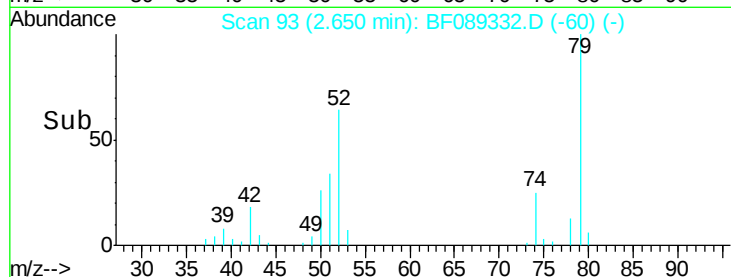
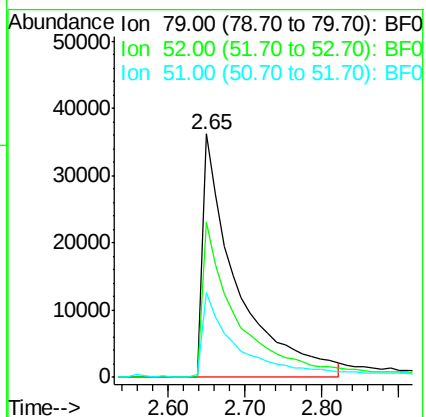
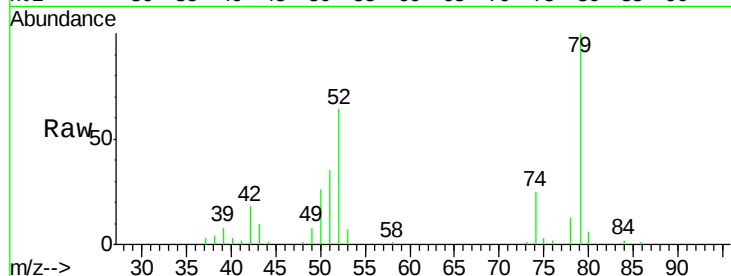
Tgt Ion: 79 Resp: 111127

Ion Ratio Lower Upper

79 100

52 63.6 51.9 77.9

51 34.8 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 43.85 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.09 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

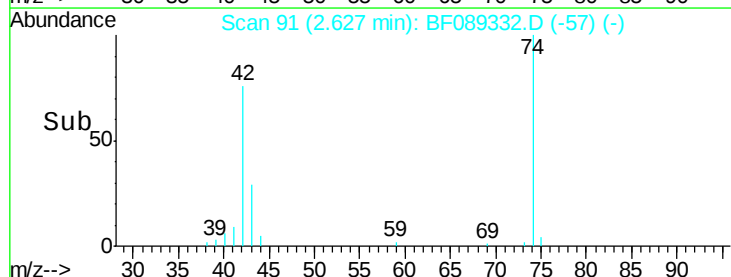
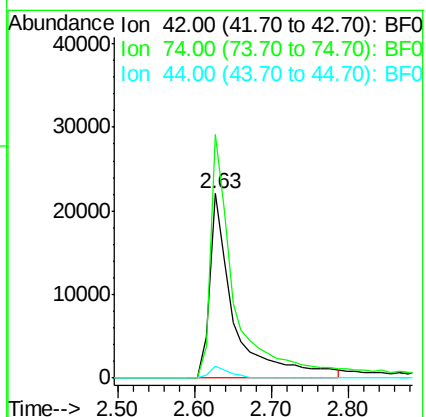
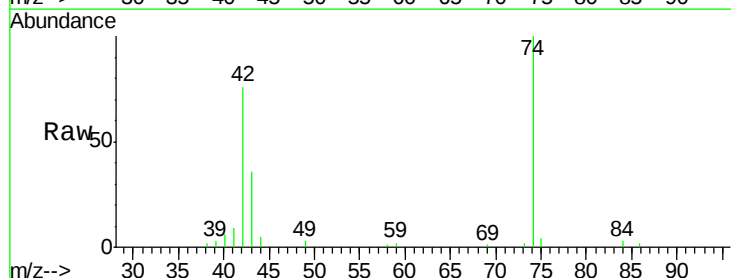
Tgt Ion: 42 Resp: 48711

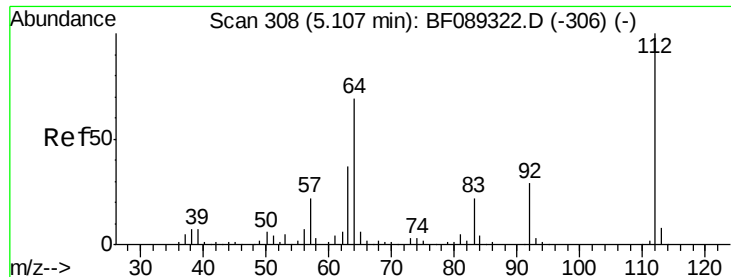
Ion Ratio Lower Upper

42 100

74 131.9 110.8 166.2

44 6.7 5.2 7.8





#5

2-Fluorophenol

Concen: 130.21 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

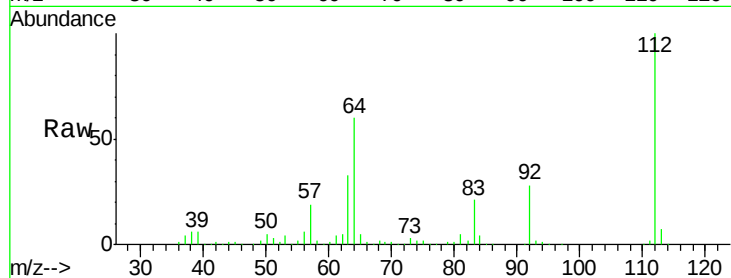
Instrument :

BNA_F

ClientSampleId :

PB92412BS

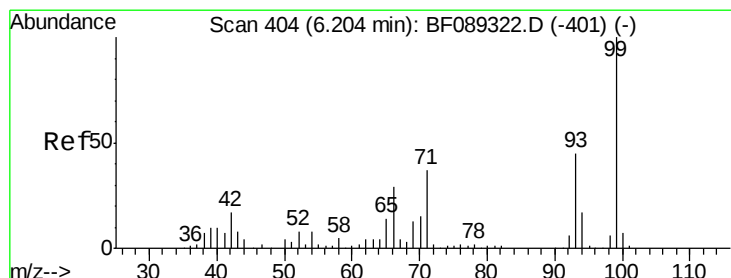
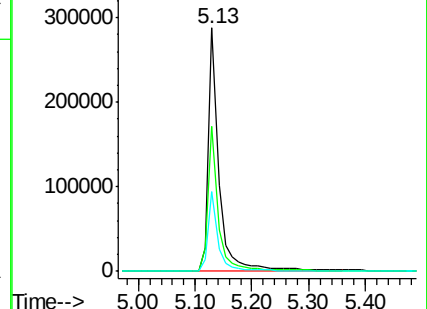
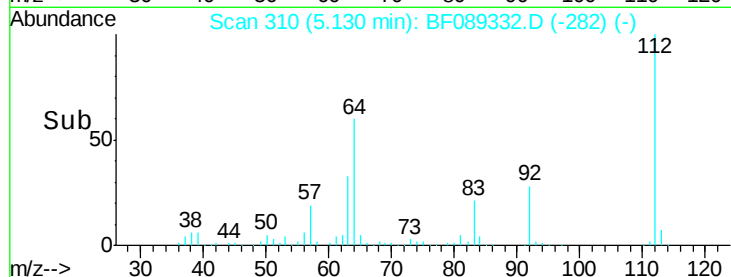
Tgt Ion:	112	Resp:	365698
Ion	Ratio	Lower	Upper
112	100		
64	59.8	55.0	82.6
63	32.6	29.4	44.2



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: 32.69 ng

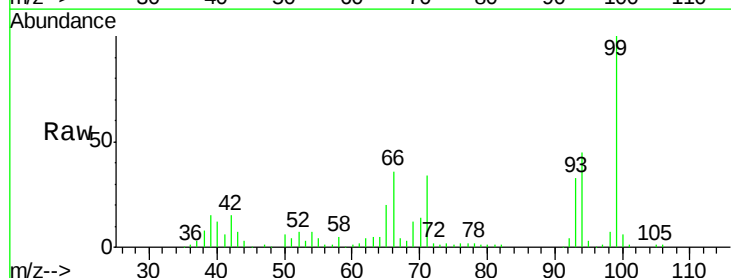
RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

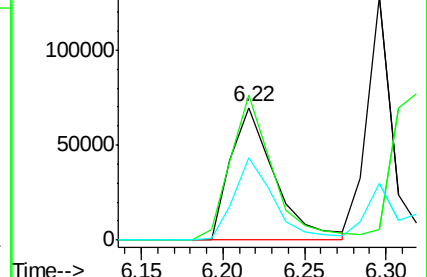
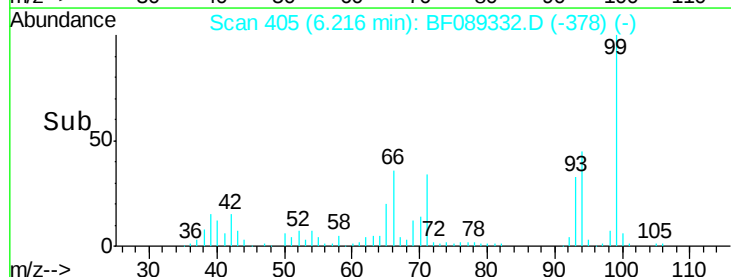
Tgt Ion:	93	Resp:	131010
Ion	Ratio	Lower	Upper
93	100		
66	109.6	51.6	77.4#
65	62.1	24.7	37.1#

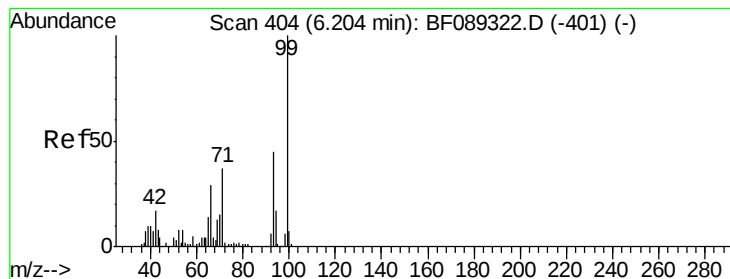


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.55 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

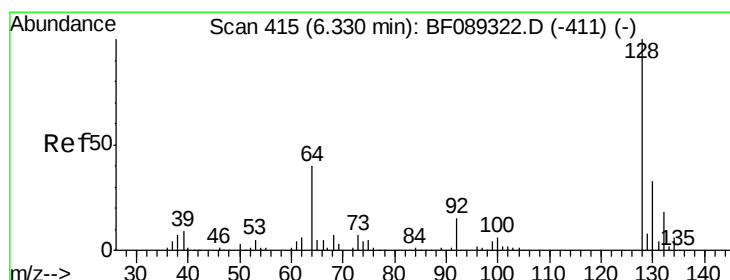
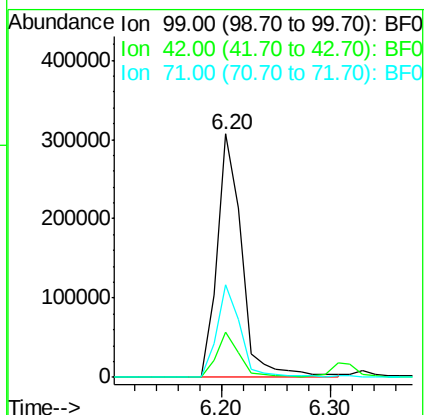
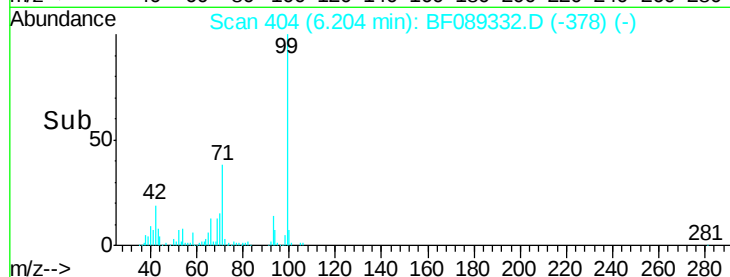
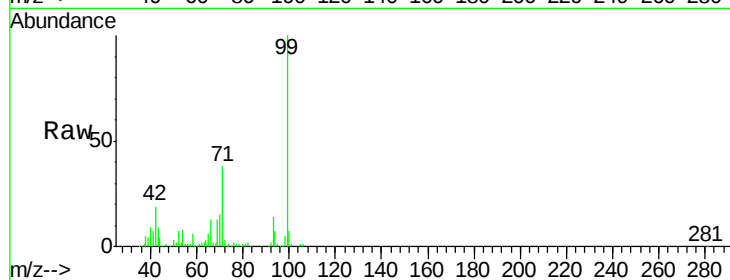
Tgt Ion: 99 Resp: 484584

Ion Ratio Lower Upper

99 100

42 18.7 13.6 20.4

71 38.3 29.4 44.2



#8

2-Chlorophenol

Concen: 48.15 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

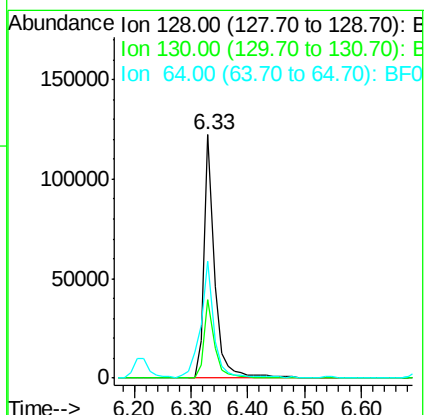
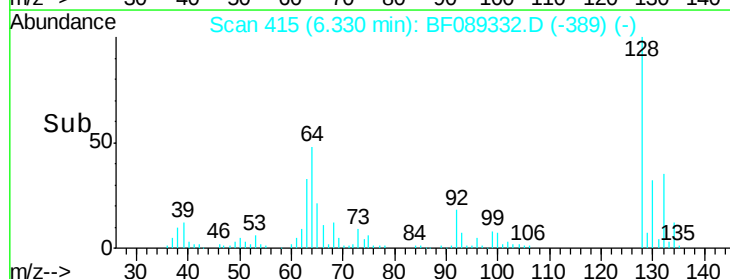
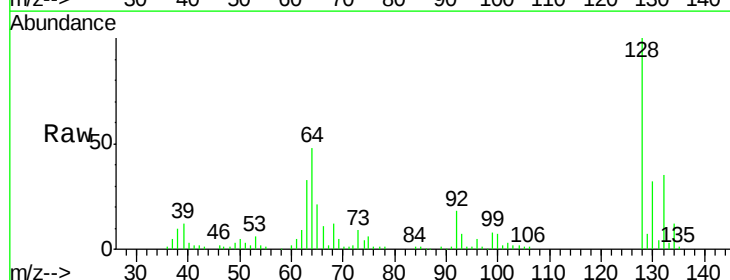
Tgt Ion: 128 Resp: 152962

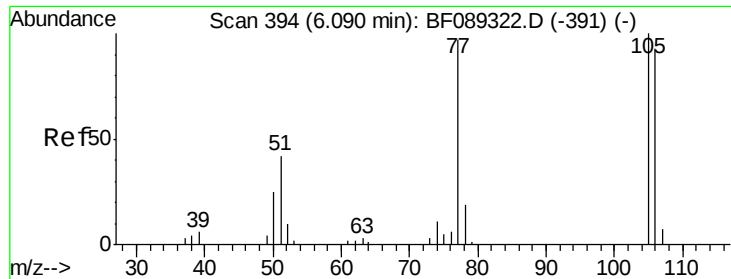
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 48.3 22.1 62.1

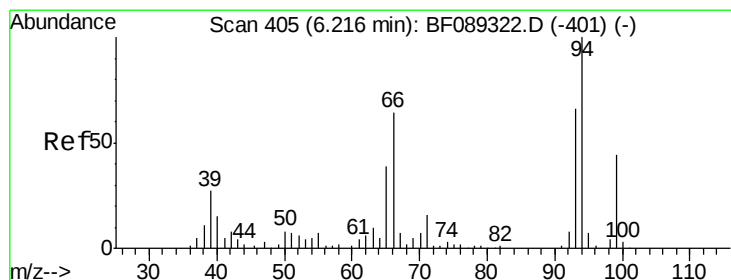
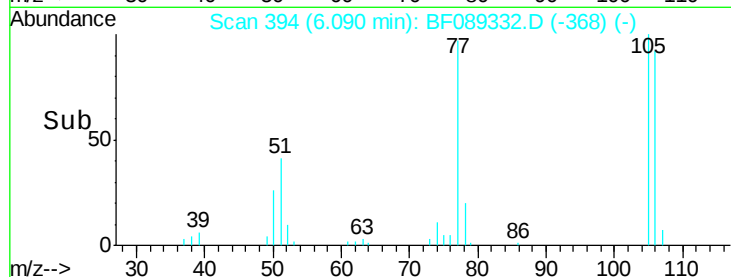
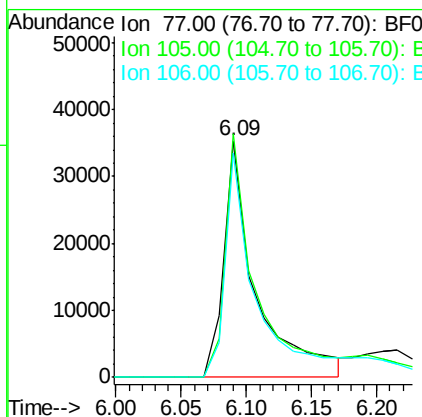
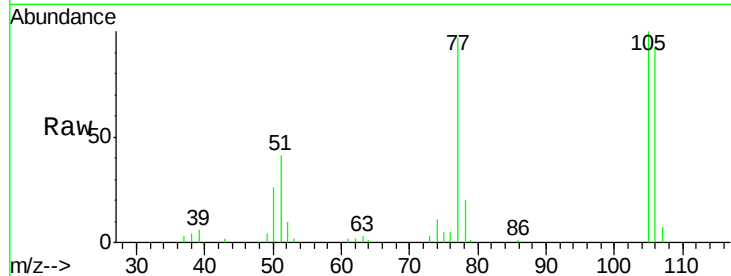




#9
Benzaldehyde
Concen: 33.71 ng
RT: 6.09 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

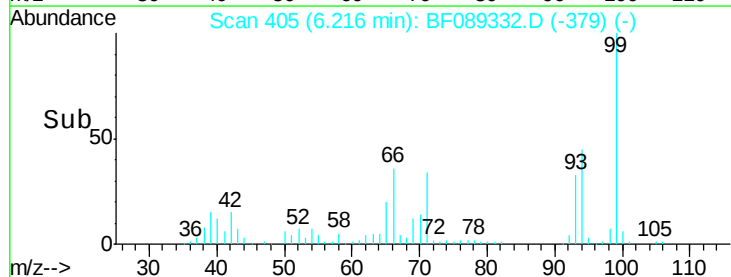
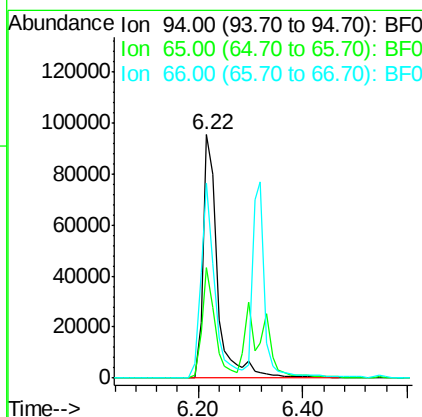
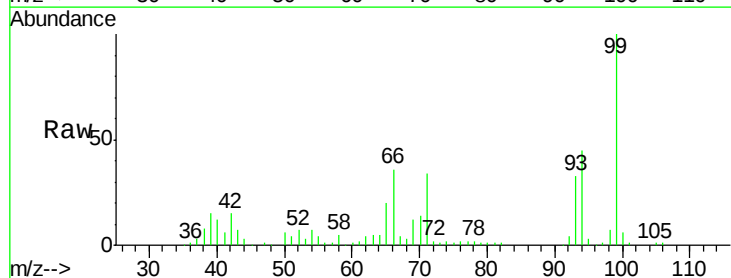
Instrument :
BNA_F
ClientSampleId :
PB92412BS

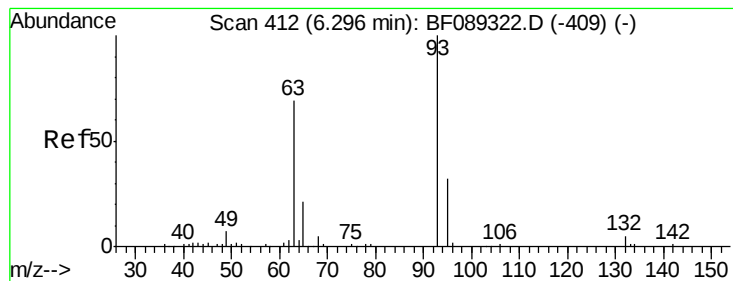
Tgt Ion: 77 Resp: 61101
Ion Ratio Lower Upper
77 100
105 103.1 82.9 122.9
106 94.8 75.9 115.9



#10
Phenol
Concen: 44.97 ng
RT: 6.22 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion: 94 Resp: 184197
Ion Ratio Lower Upper
94 100
65 45.3 19.1 59.1
66 80.0 44.4 84.4

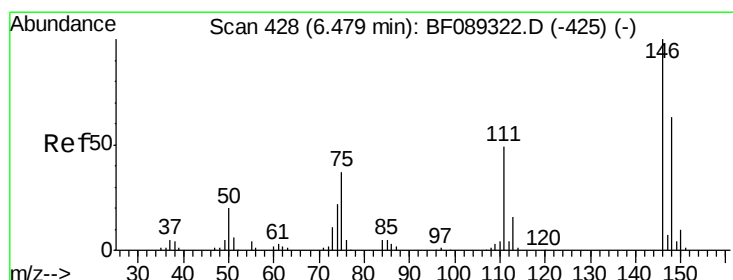
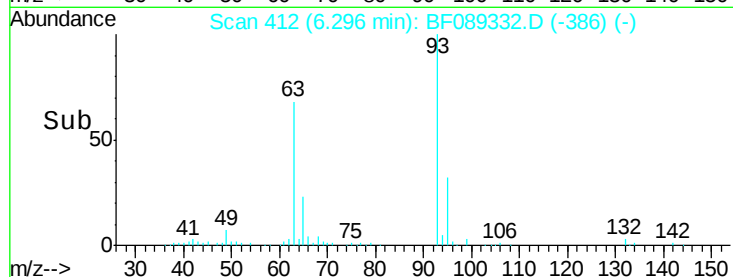
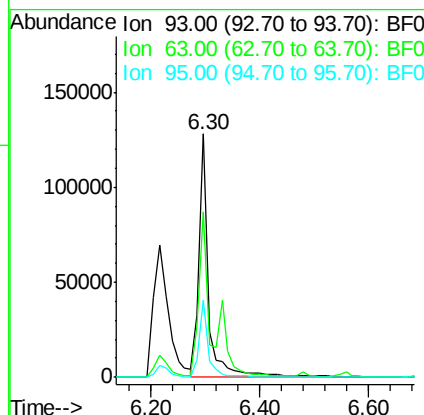
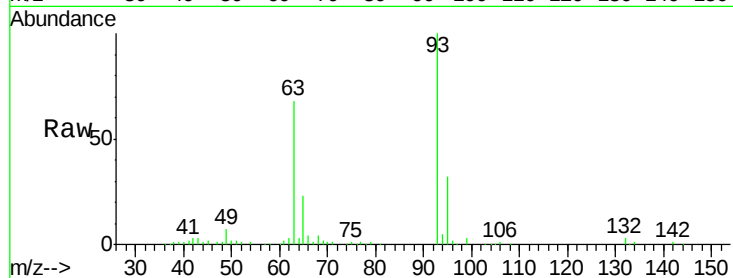




#11
bis(2-Chloroethyl)ether
Concen: 44.11 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

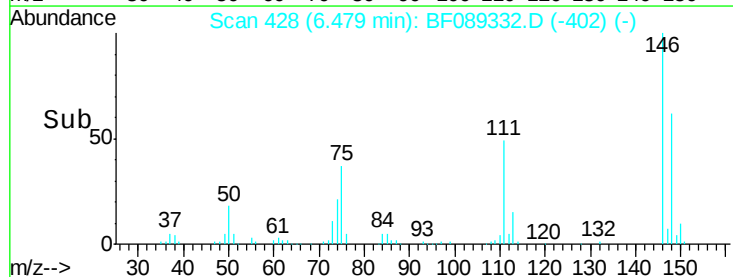
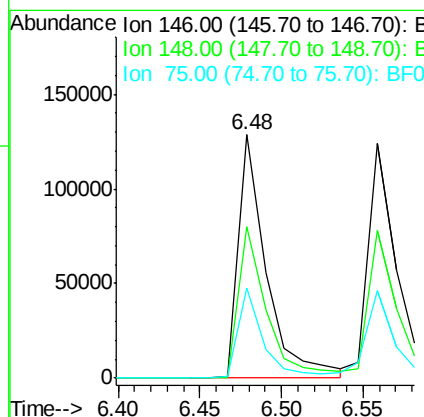
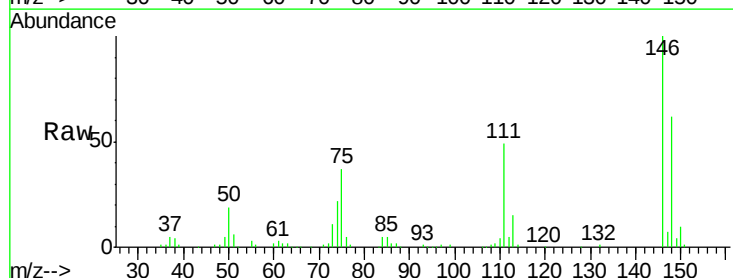
Instrument :
BNA_F
ClientSampleId :
PB92412BS

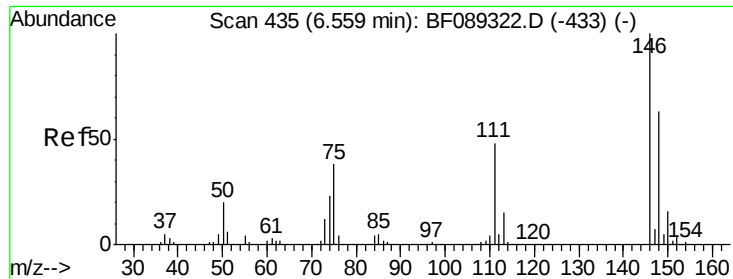
Tgt Ion: 93 Resp: 153513
Ion Ratio Lower Upper
93 100
63 68.2 45.6 85.6
95 31.8 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 45.84 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion: 146 Resp: 152329
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 36.8 30.0 45.0

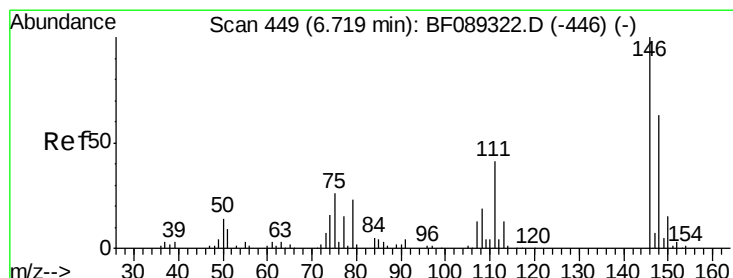
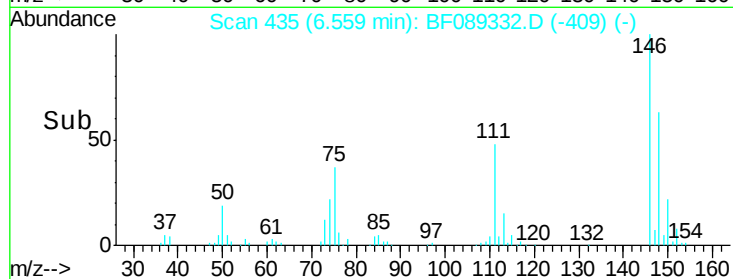
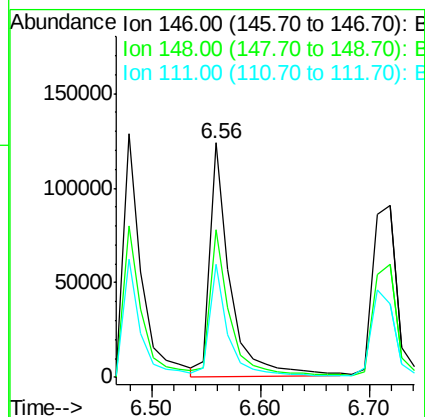
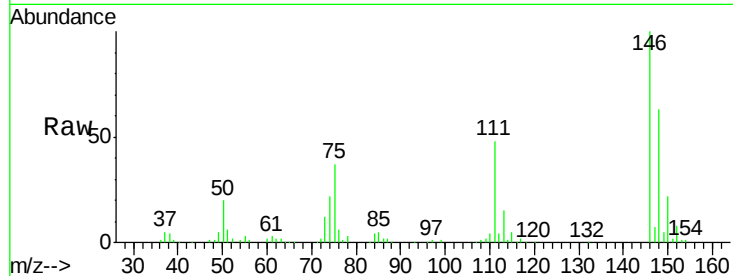




#13
 1,4-Dichlorobenzene
 Concen: 44.61 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

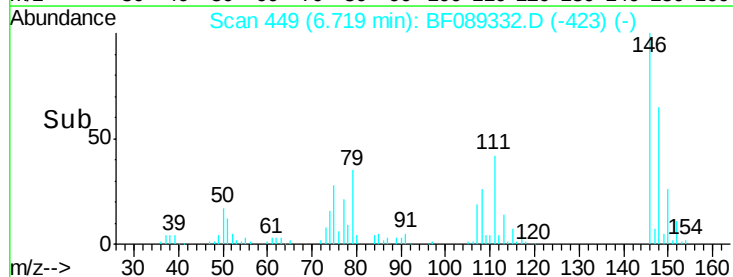
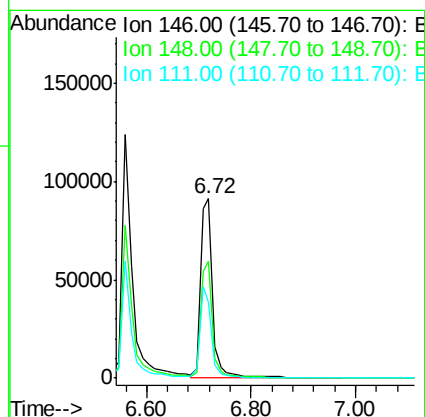
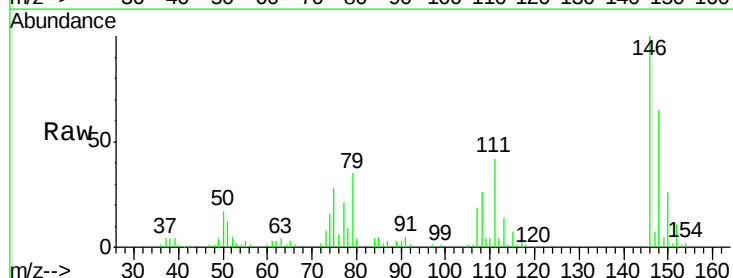
Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

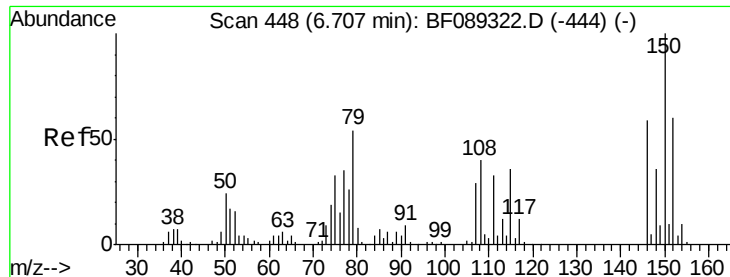
Tgt Ion:146 Resp: 163597
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 48.1 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 43.88 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:146 Resp: 150742
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.4 75.6
 111 42.3 33.0 49.4

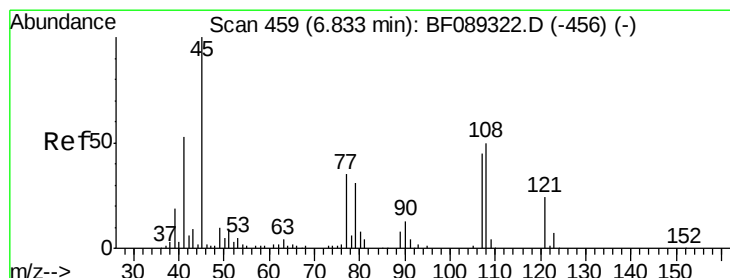
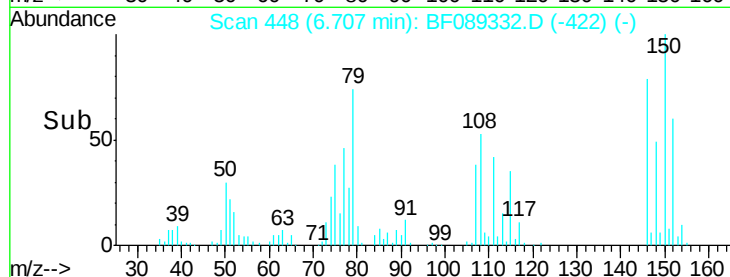
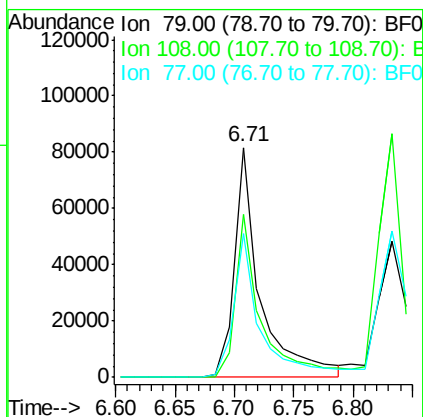
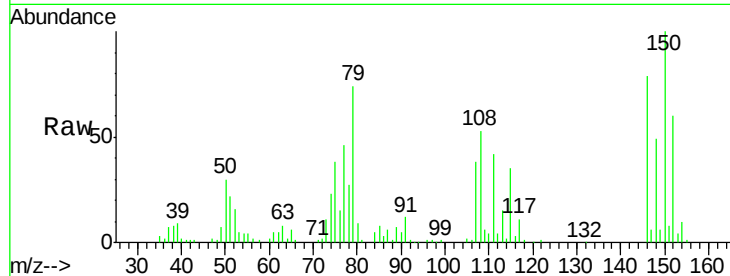




#15
Benzyl Alcohol
Concen: 53.92 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

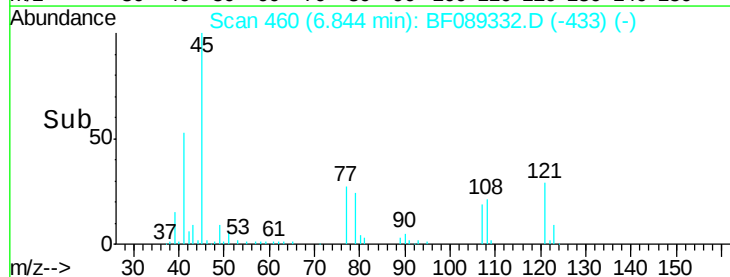
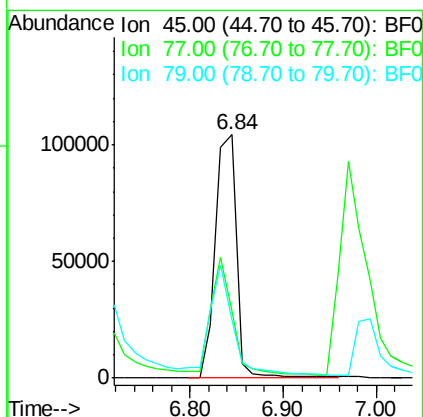
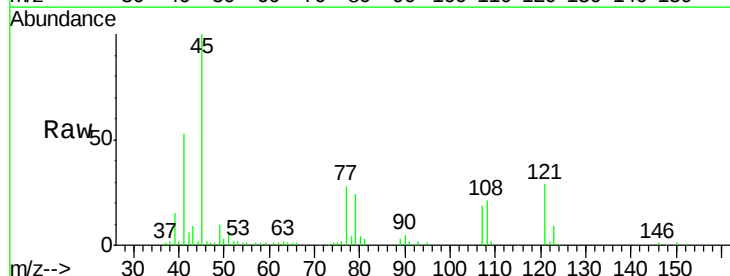
Instrument :
BNA_F
ClientSampleId :
PB92412BS

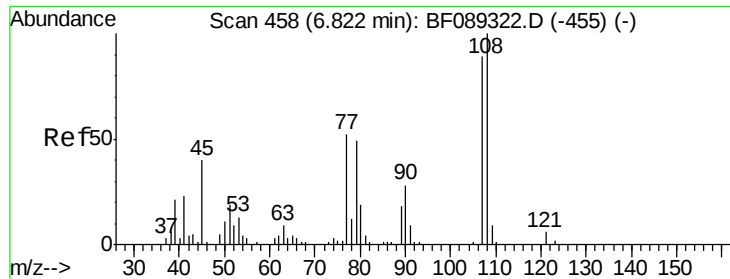
Tgt Ion: 79 Resp: 124211
Ion Ratio Lower Upper
79 100
108 71.1 59.8 89.6
77 62.5 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.44 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion: 45 Resp: 164892
Ion Ratio Lower Upper
45 100
77 27.6 17.3 57.3
79 24.0 13.9 53.9

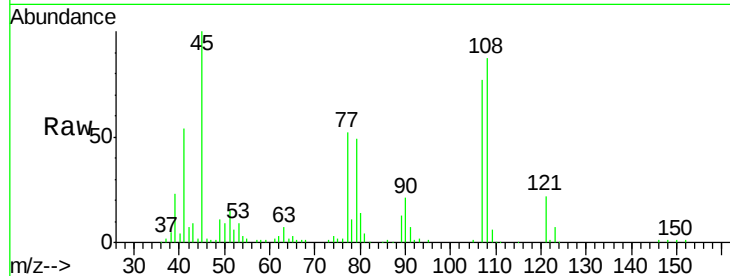




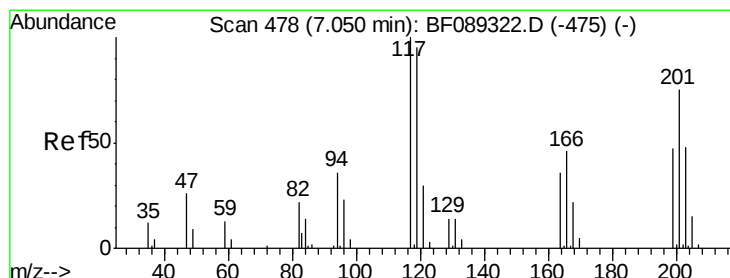
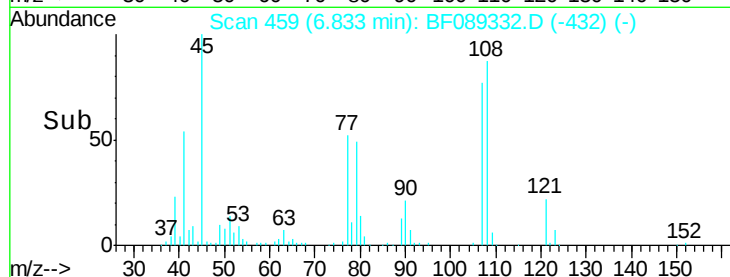
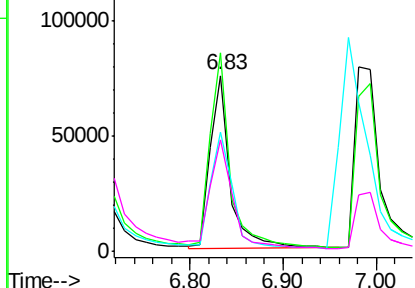
#17
2-Methylphenol
Concen: 45.67 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tgt Ion:107 Resp: 112150
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.0
77 67.9 48.6 73.0
79 63.5 48.2 72.4

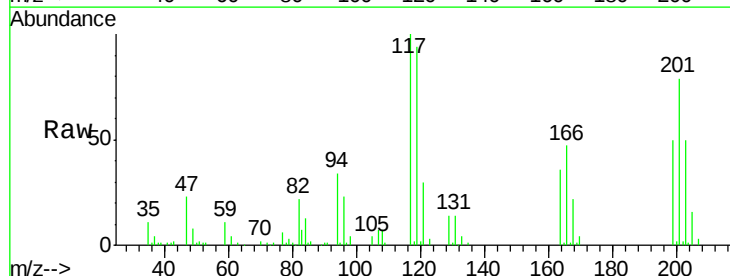


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

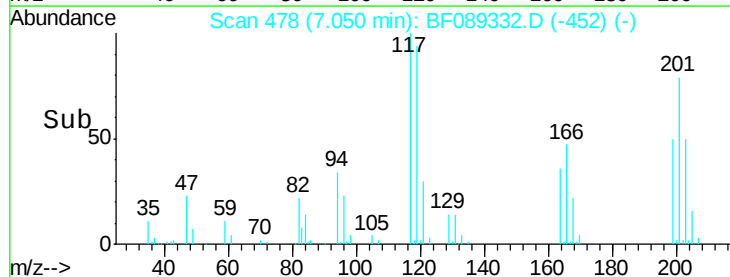
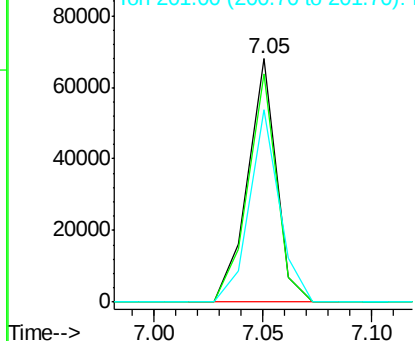


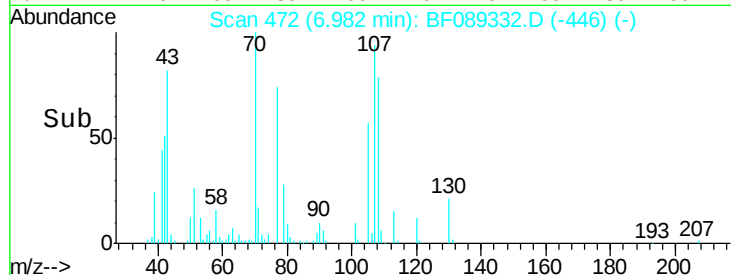
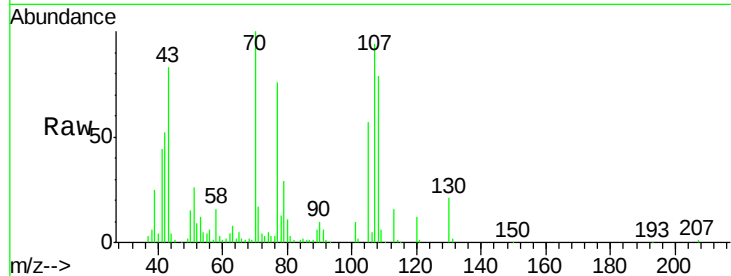
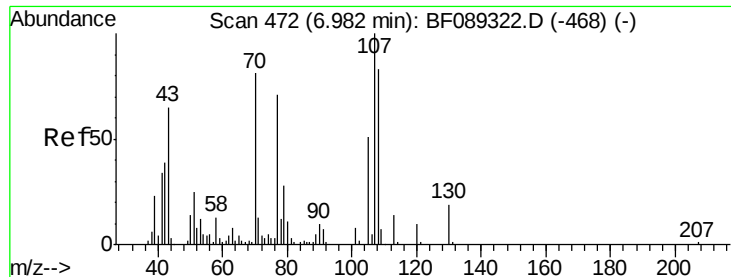
#18
Hexachloroethane
Concen: 44.40 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:117 Resp: 62429
Ion Ratio Lower Upper
117 100
119 93.5 76.0 114.0
201 78.9 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

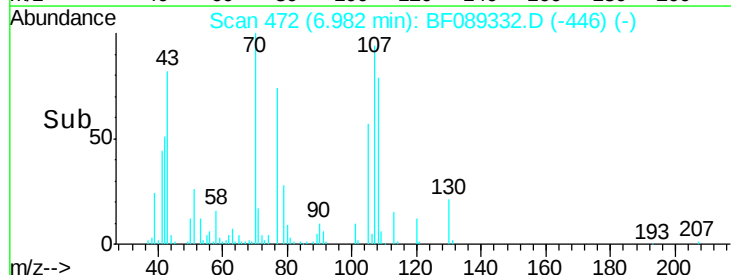
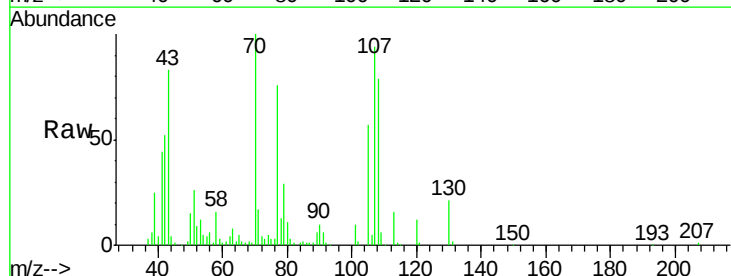
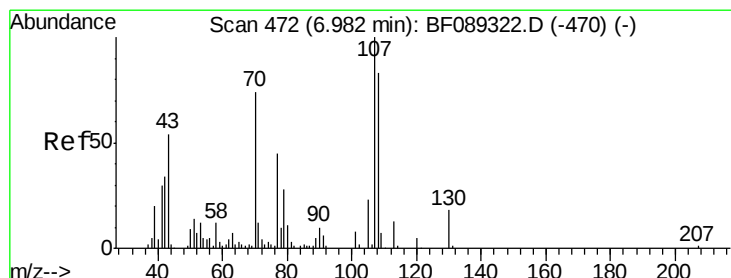
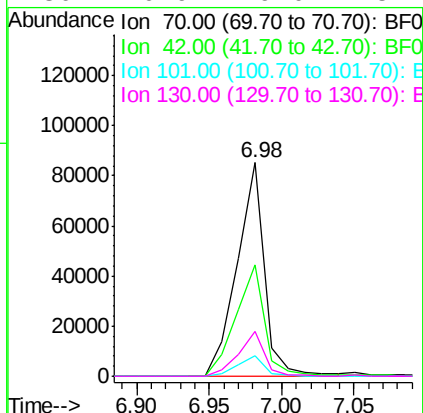




#19
n-Nitroso-di-n-propylamine
Concen: 50.24 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

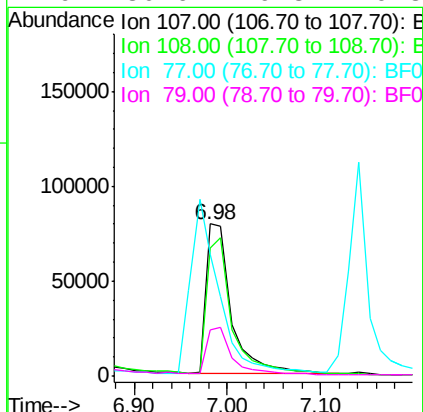
Instrument :
BNA_F
ClientSampleId :
PB92412BS

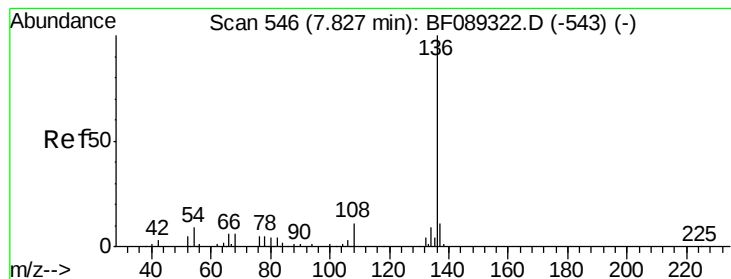
Tgt Ion: 70 Resp: 112444
Ion Ratio Lower Upper
70 100
42 51.9 38.6 57.8
101 9.7 8.3 12.5
130 20.9 19.0 28.4



#20
3+4-Methylphenols
Concen: 47.42 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion: 107 Resp: 149543
Ion Ratio Lower Upper
107 100
108 84.2 63.3 103.3
77 80.2 51.1 91.1
79 30.6 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tgt Ion:136 Resp: 195293

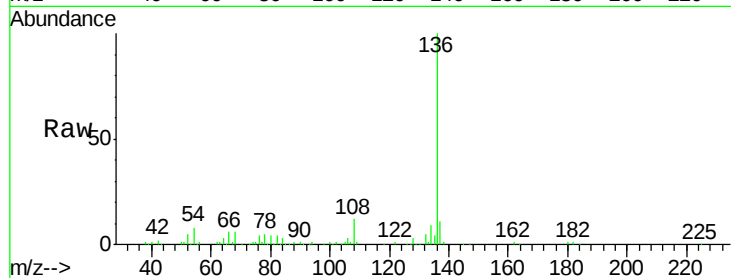
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.1 7.0 10.4

68 5.9 4.9 7.3

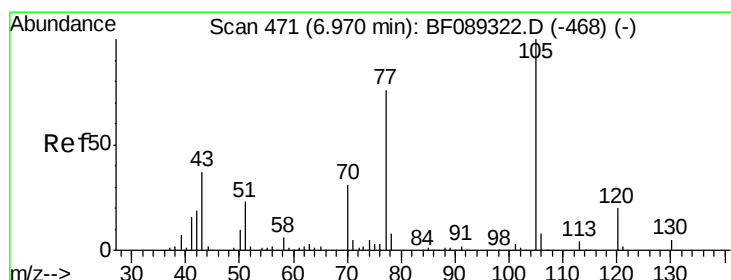
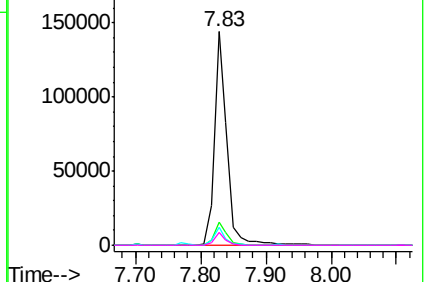
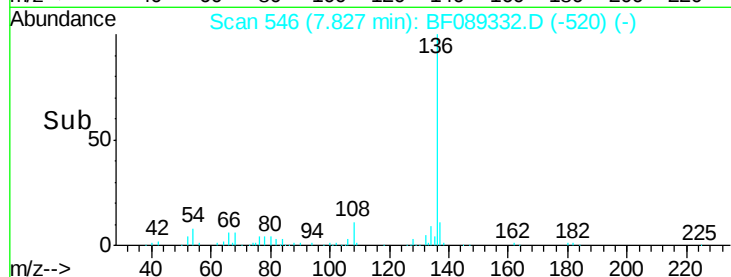


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.31 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:105 Resp: 196719

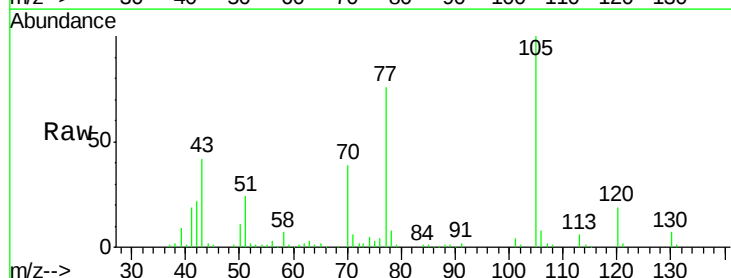
Ion Ratio Lower Upper

105 100

71 6.2 4.2 6.2

51 24.2 18.7 28.1

120 19.2 15.8 23.6

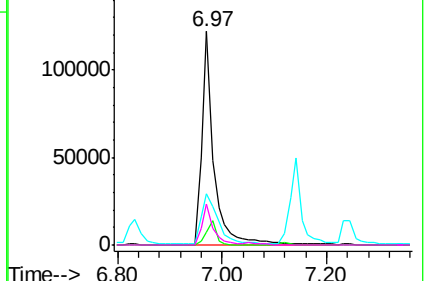
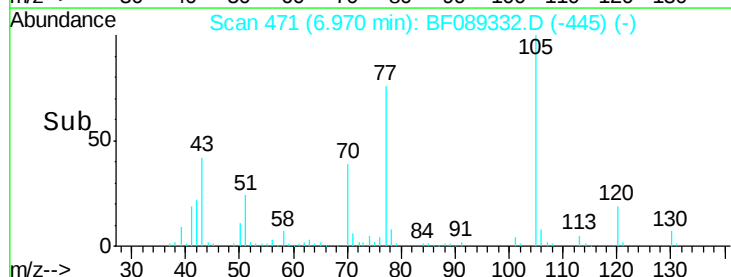


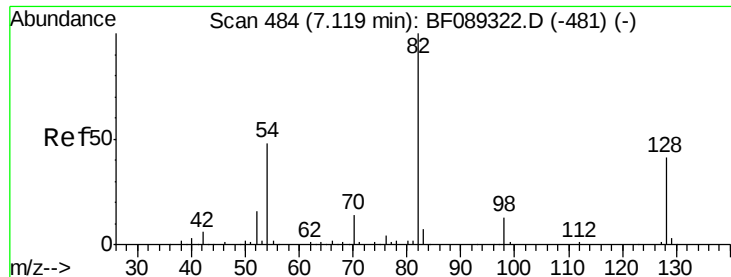
Abundance Ion 105.00 (104.70 to 105.70): E

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

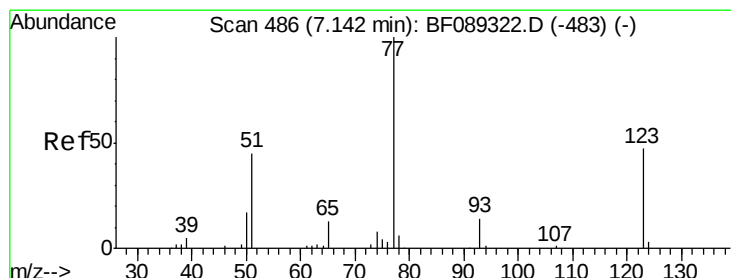
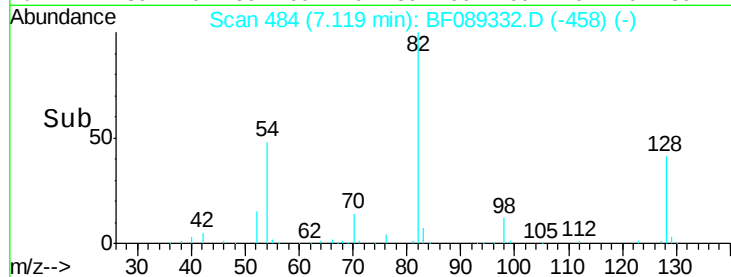
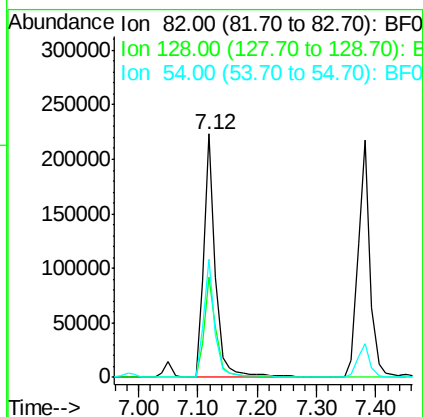
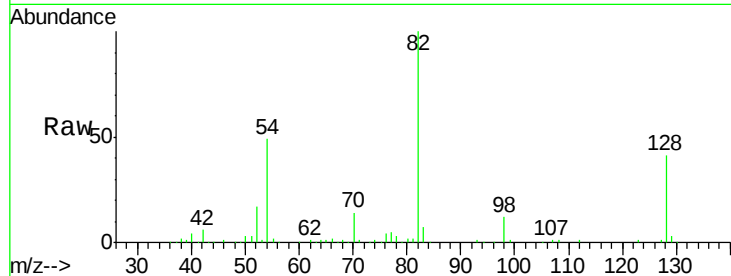




#23
 Nitrobenzene-d5
 Concen: 95.25 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

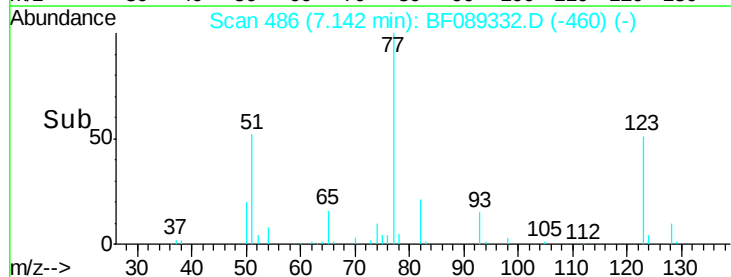
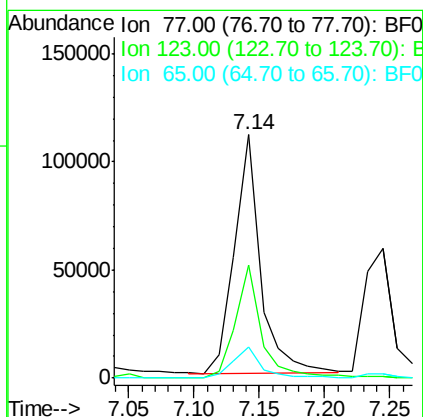
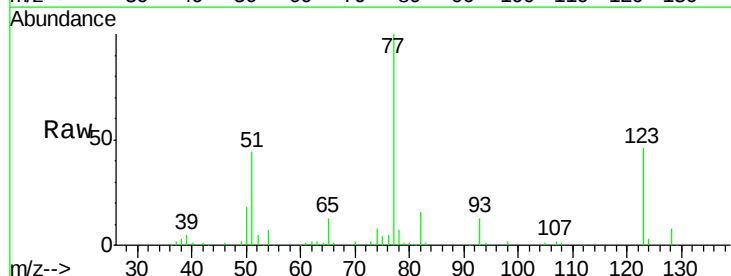
Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

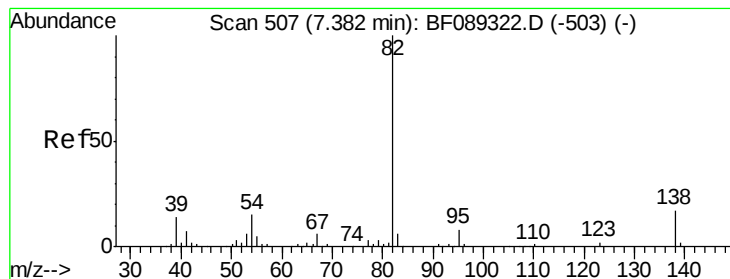
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.5	48.7
54	48.5	38.8	58.2



#24
 Nitrobenzene
 Concen: 40.86 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.2	55.8
65	13.0	10.2	15.4





#25

Isophorone

Concen: 45.53 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

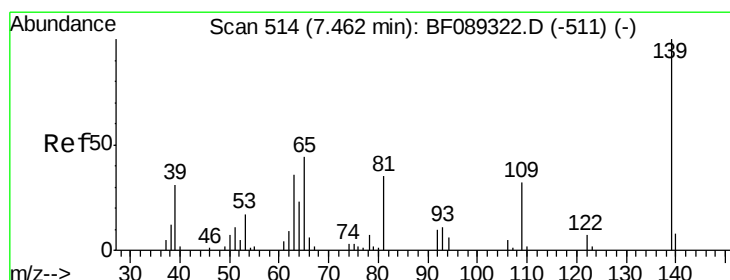
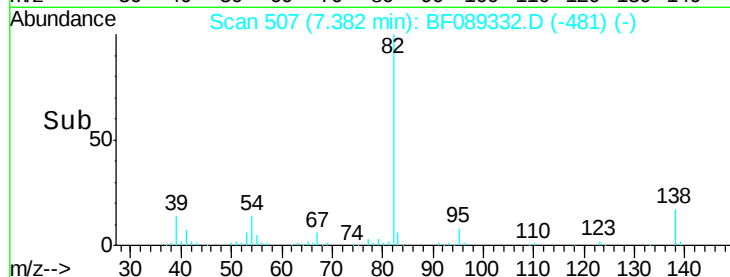
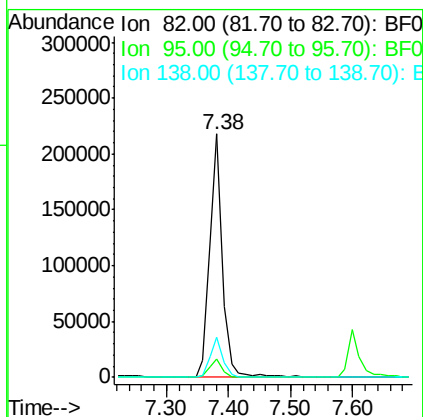
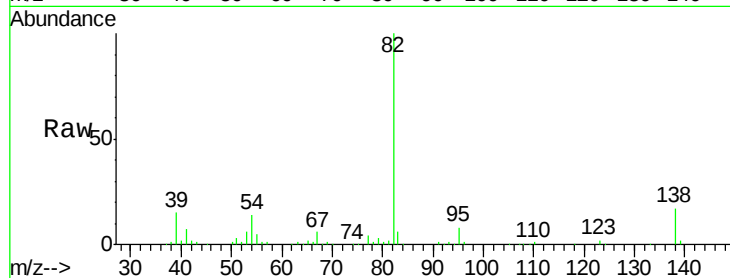
Tgt Ion: 82 Resp: 303435

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 16.7 13.3 19.9



#26

2-Nitrophenol

Concen: 44.70 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

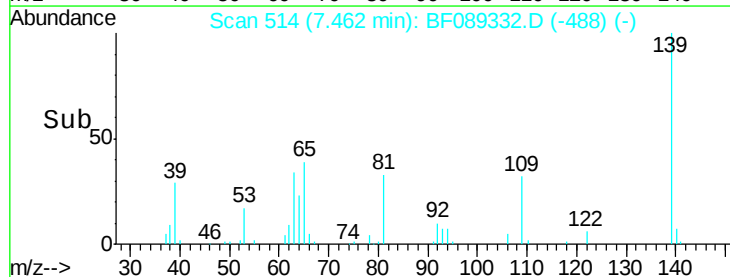
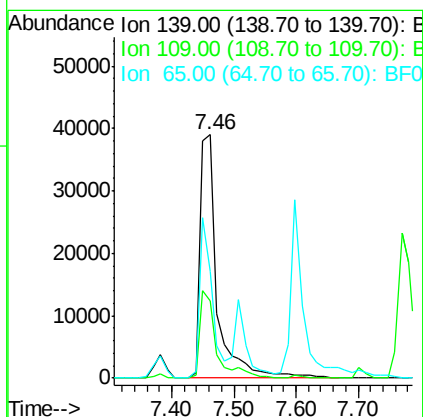
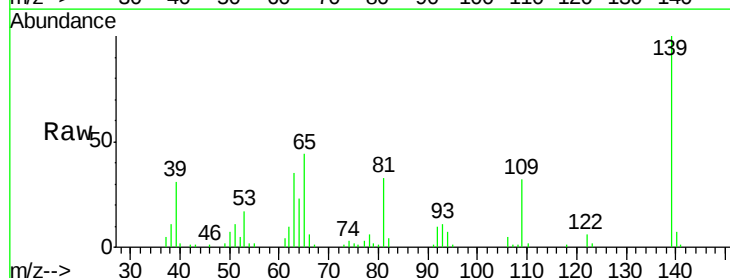
Tgt Ion: 139 Resp: 75253

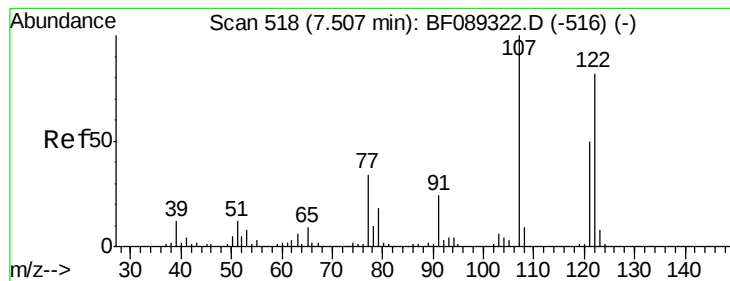
Ion Ratio Lower Upper

139 100

109 31.5 25.8 38.8

65 43.7 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 46.37 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

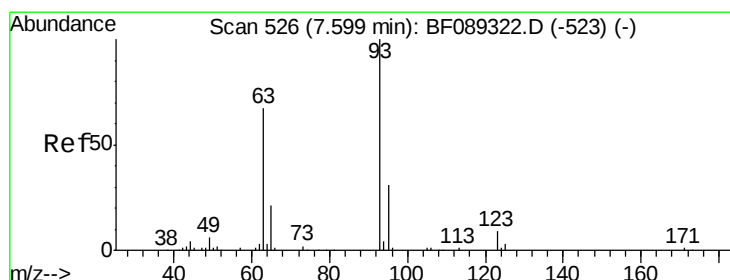
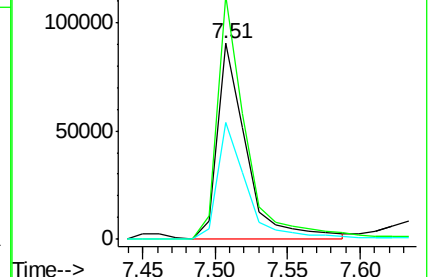
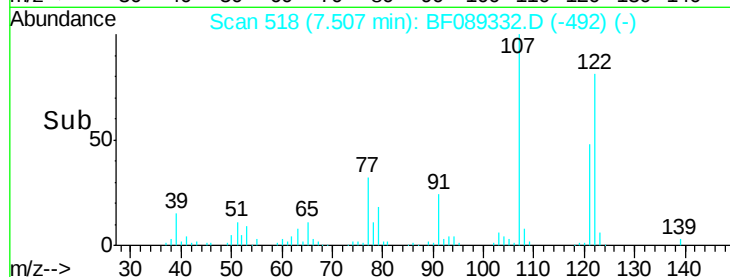
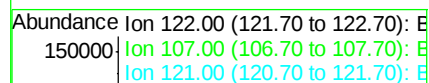
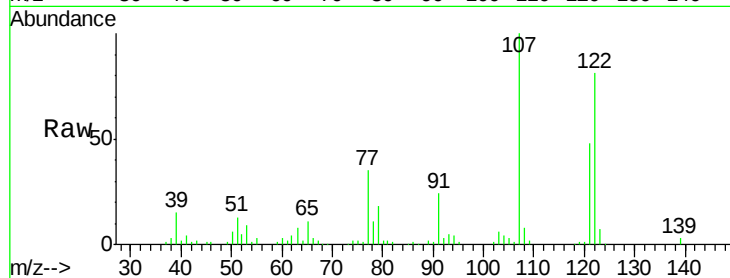
Tgt Ion:122 Resp: 124375

Ion Ratio Lower Upper

122 100

107 124.2 97.2 145.8

121 59.7 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 50.09 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

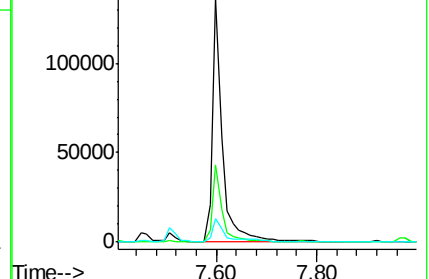
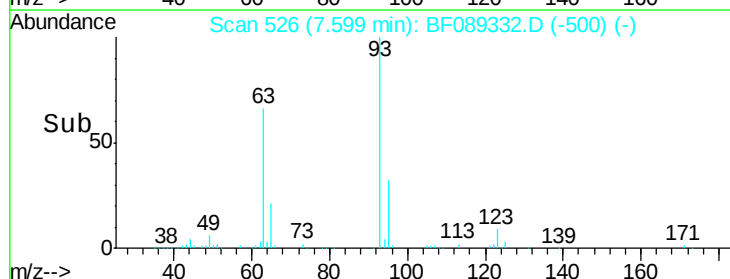
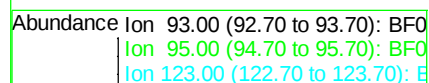
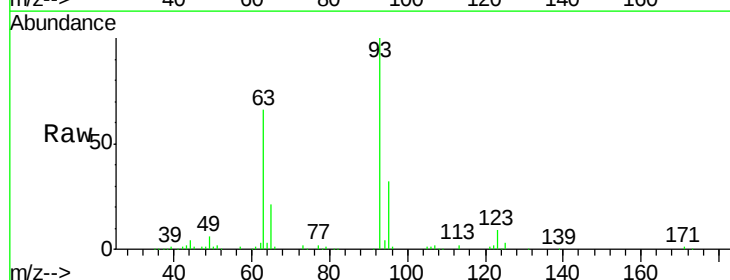
Tgt Ion: 93 Resp: 184801

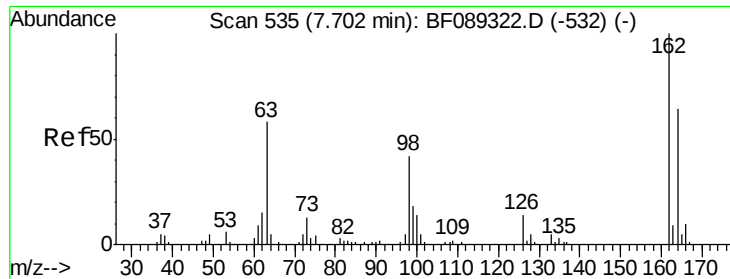
Ion Ratio Lower Upper

93 100

95 31.6 24.7 37.1

123 9.5 7.5 11.3

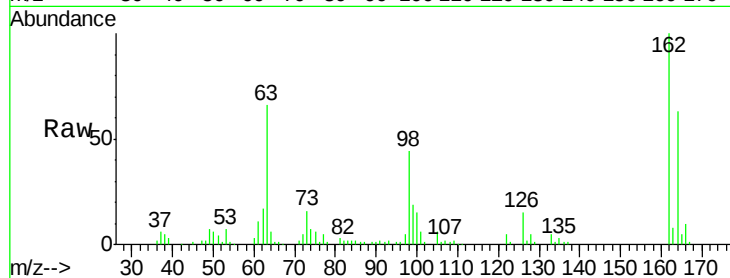




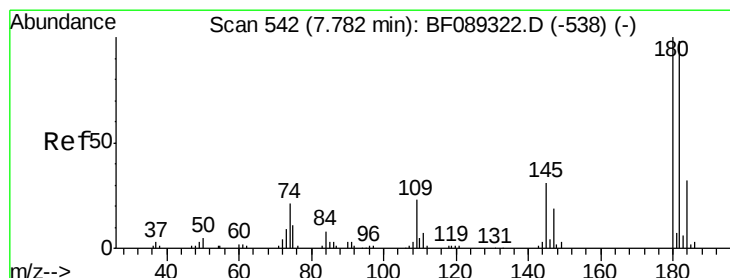
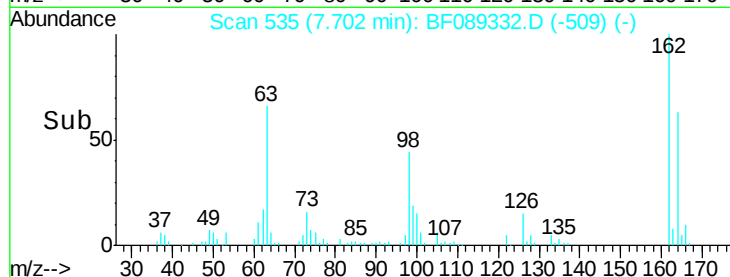
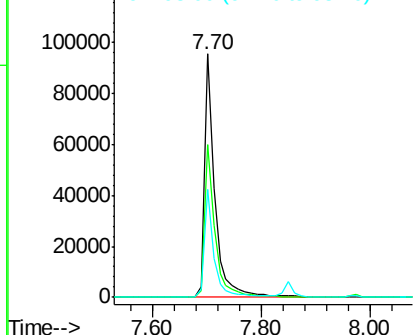
#29
 2,4-Dichlorophenol
 Concen: 51.39 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tgt Ion:162 Resp: 125587
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.0 84.0
 98 44.5 21.8 61.8

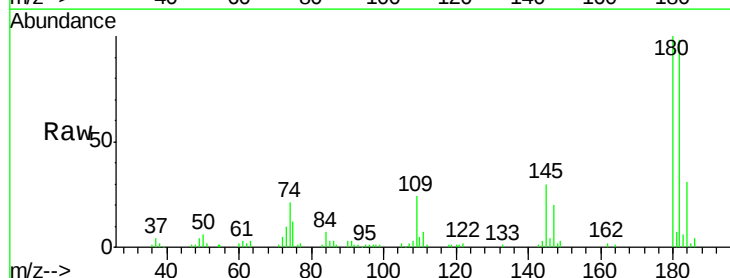


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

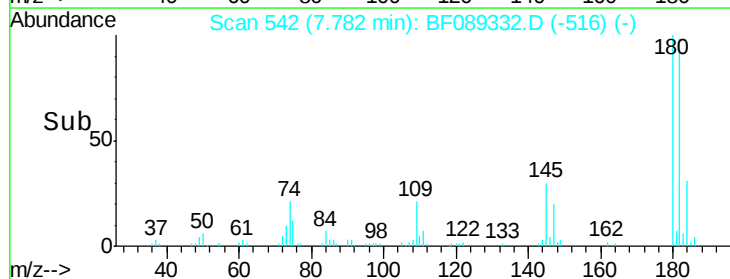
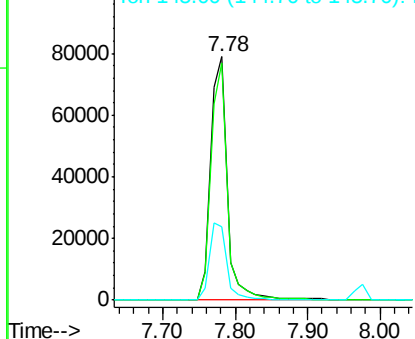


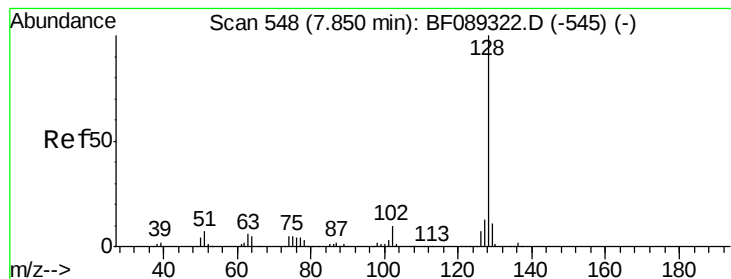
#30
 1,2,4-Trichlorobenzene
 Concen: 45.35 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:180 Resp: 126447
 Ion Ratio Lower Upper
 180 100
 182 97.5 78.2 117.2
 145 30.3 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: 46.76 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

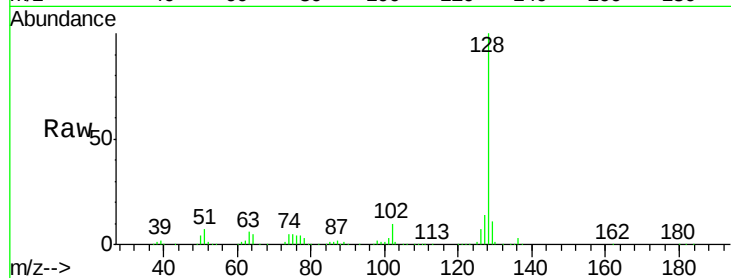
Tgt Ion:128 Resp: 452168

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

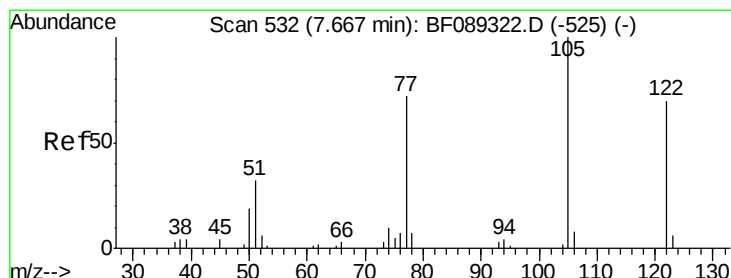
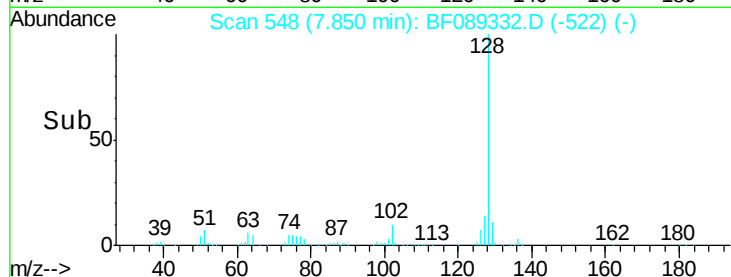
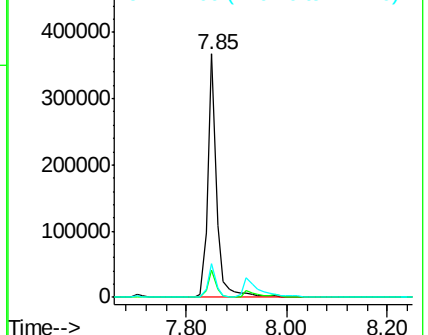
127 13.9 10.8 16.2



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: 35.81 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

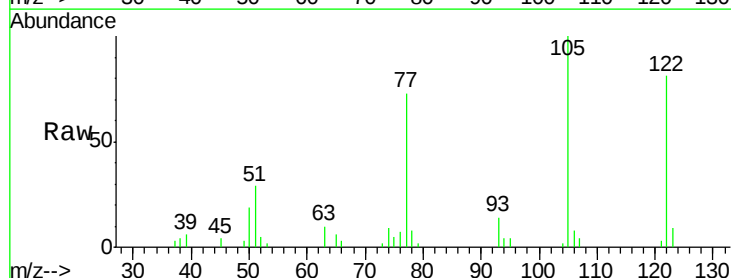
Tgt Ion:122 Resp: 66925

Ion Ratio Lower Upper

122 100

105 123.4 106.4 146.4

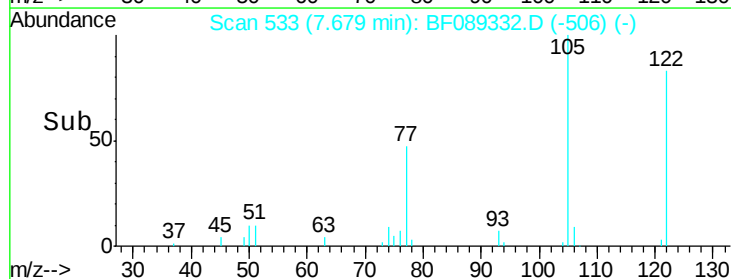
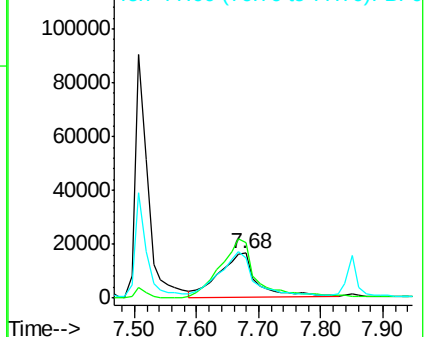
77 90.2 76.4 116.4

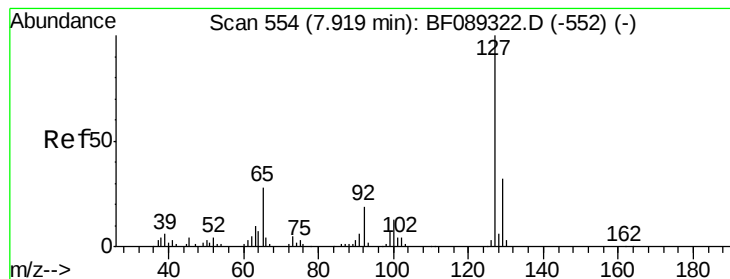


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.97 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tgt Ion:127 Resp: 69830

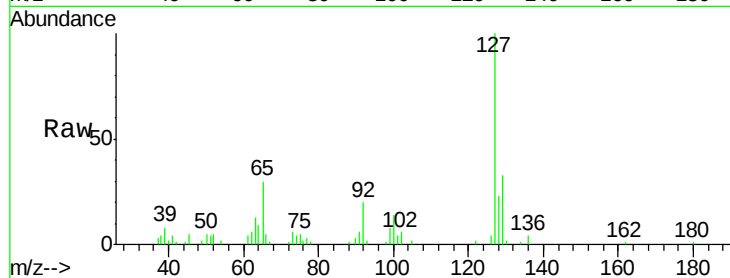
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 29.5 22.0 33.0

92 20.3 15.2 22.8

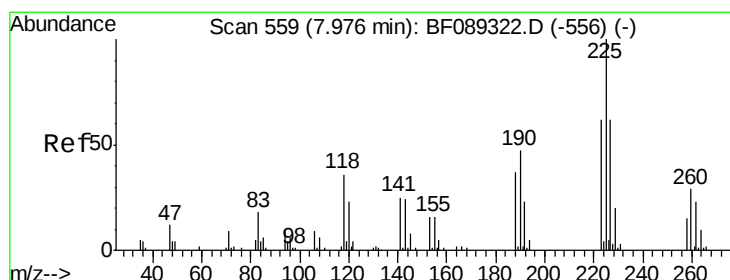
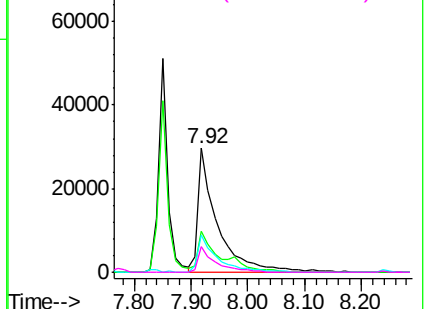
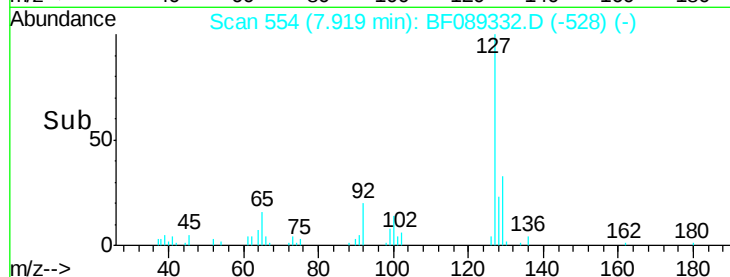


Abundance Ion 127.00 (126.70 to 127.70): E

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: 45.19 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

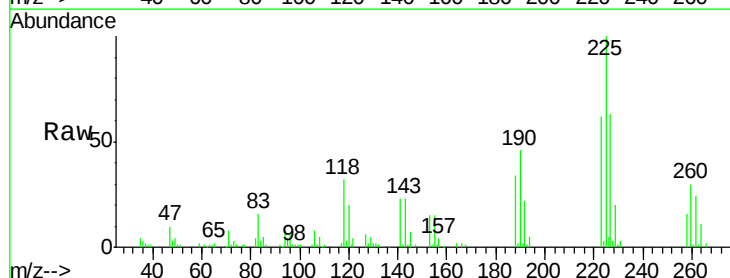
Tgt Ion:225 Resp: 72166

Ion Ratio Lower Upper

225 100

223 62.2 49.8 74.8

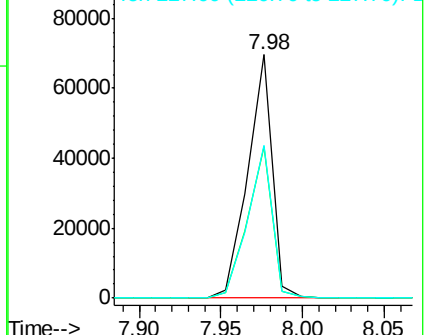
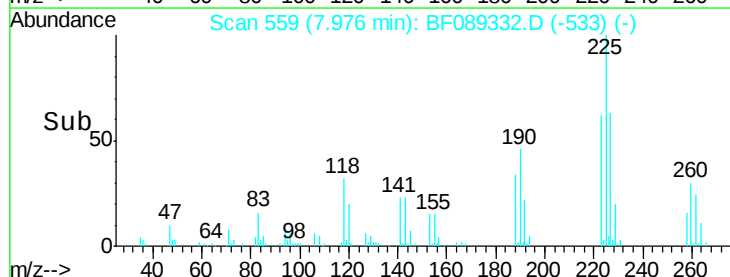
227 63.0 49.4 74.2

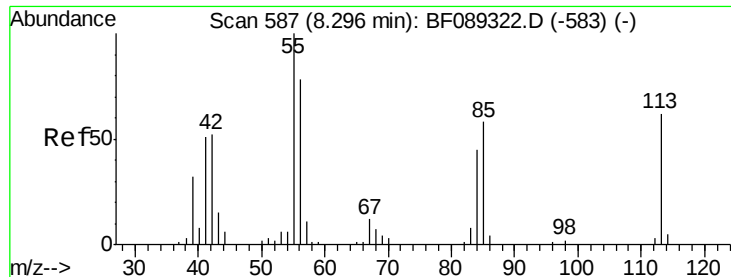


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

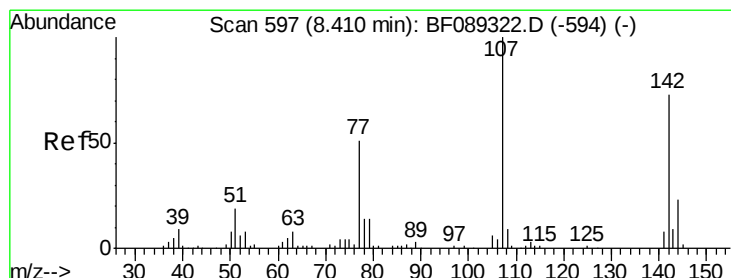
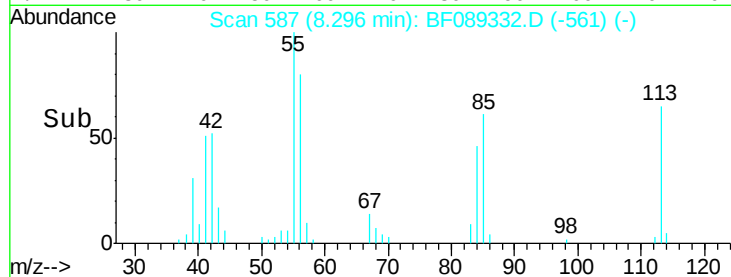
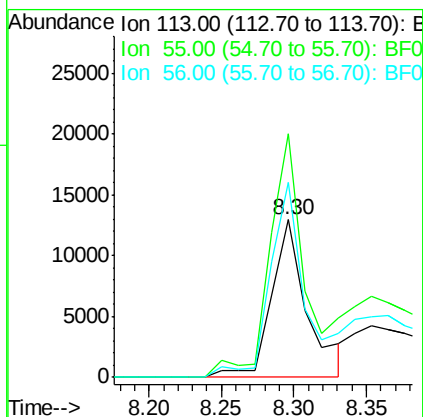
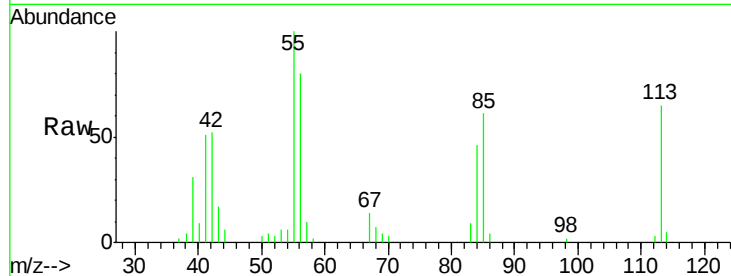




#35
 Caprolactam
 Concen: 29.84 ng
 RT: 8.30 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

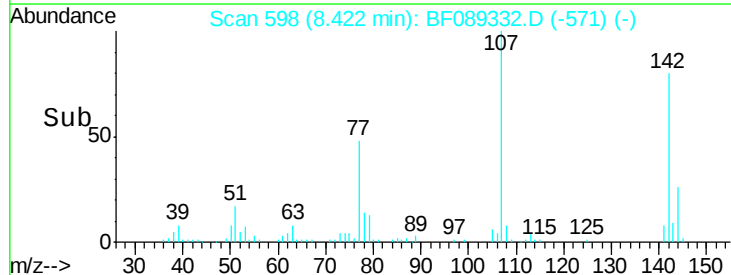
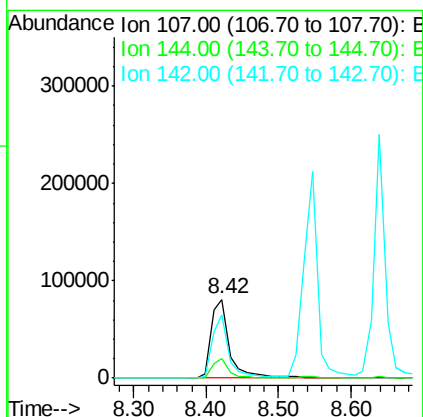
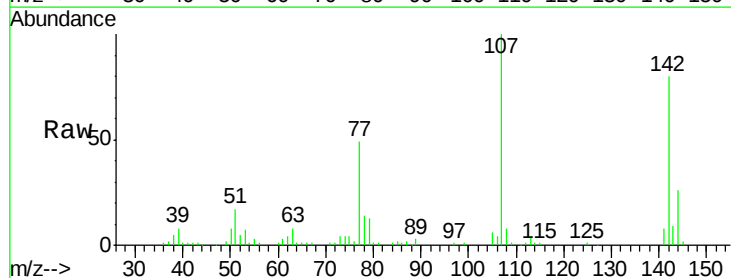
Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

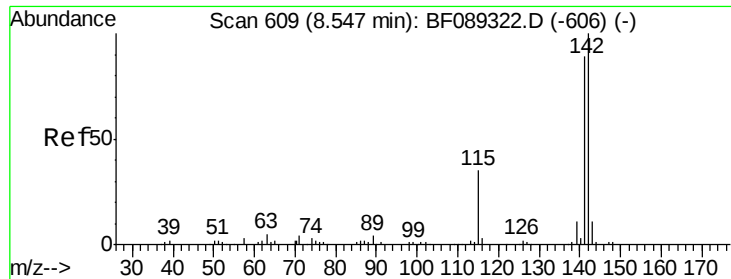
Tgt Ion:113 Resp: 22011
 Ion Ratio Lower Upper
 113 100
 55 154.7 142.3 182.3
 56 124.0 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.35 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:107 Resp: 143344
 Ion Ratio Lower Upper
 107 100
 144 25.7 18.4 27.6
 142 80.3 58.6 87.8

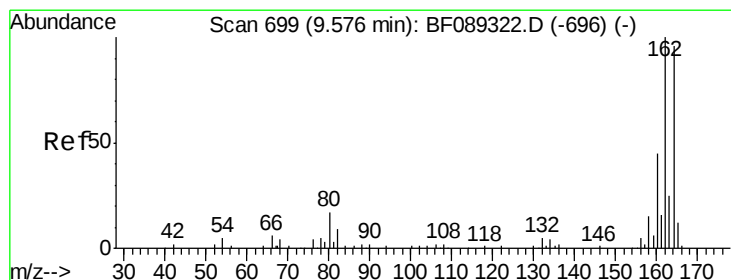
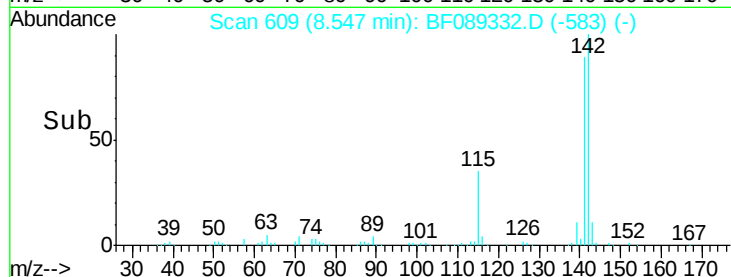
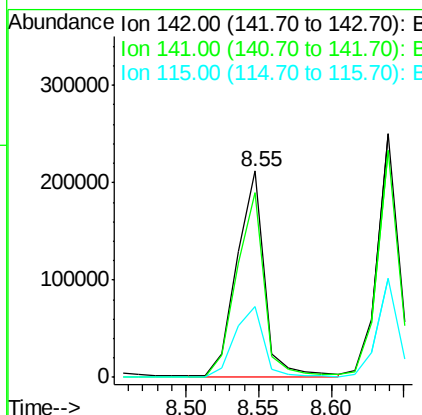
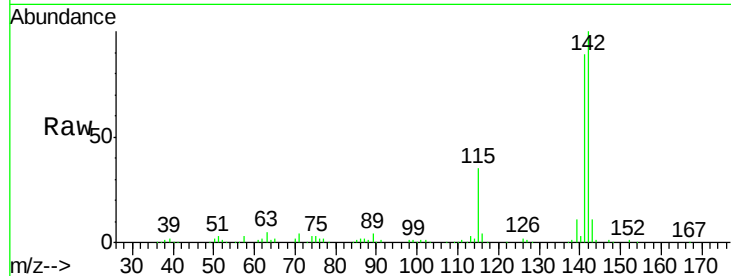




#37
 2-Methylnaphthalene
 Concen: 48.20 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

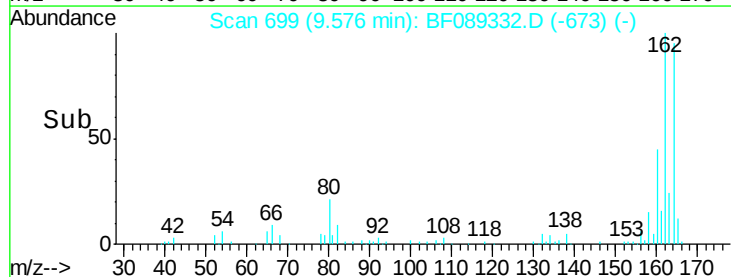
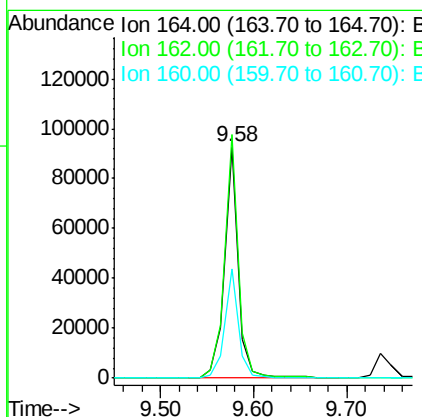
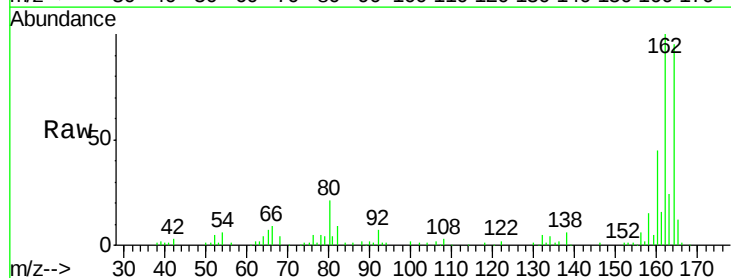
Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

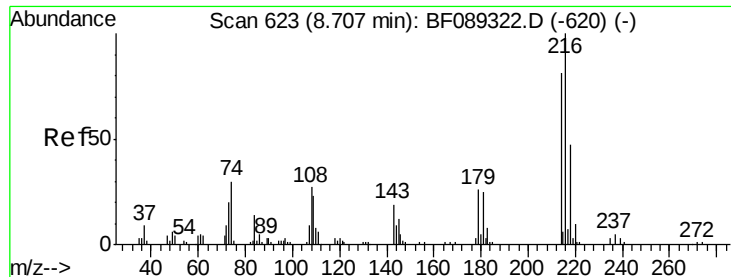
Tgt Ion:142 Resp: 280863
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.9 106.3
 115 34.6 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:164 Resp: 94630
 Ion Ratio Lower Upper
 164 100
 162 105.3 83.7 125.5
 160 47.1 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.64 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tgt Ion:216 Resp: 108083

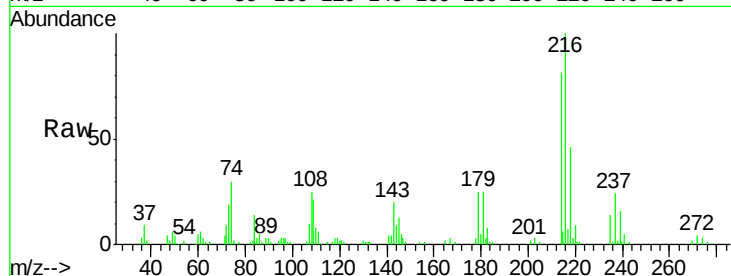
Ion Ratio Lower Upper

216 100

214 78.3 63.3 94.9

179 22.4 18.1 27.1

108 23.1 17.2 25.8

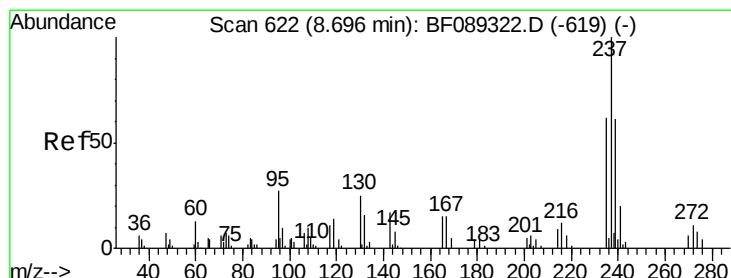
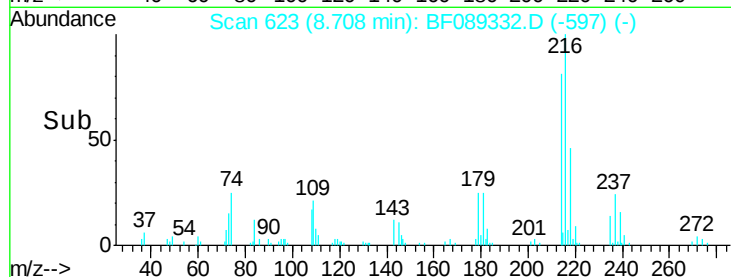
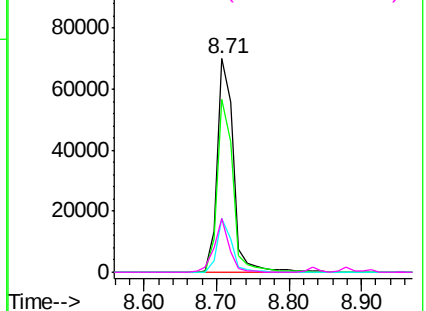


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 98.12 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

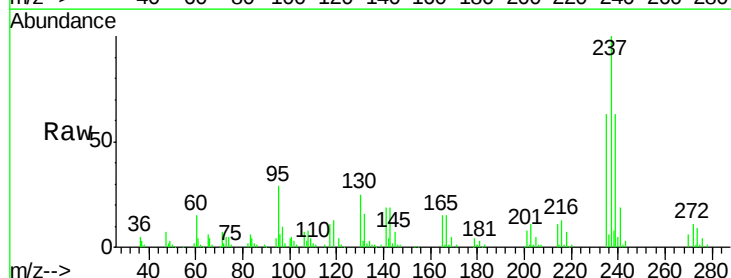
Tgt Ion:237 Resp: 94762

Ion Ratio Lower Upper

237 100

235 63.5 41.6 81.6

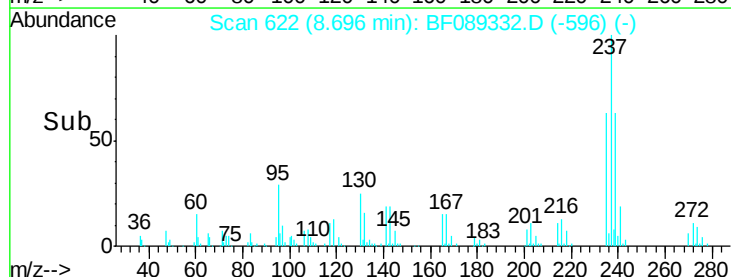
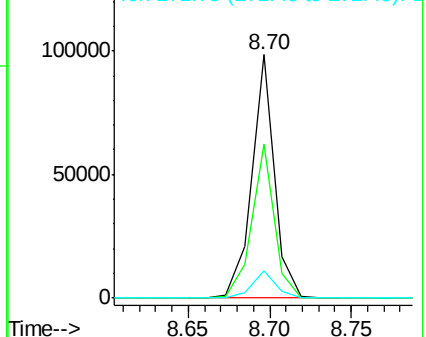
272 11.2 0.0 30.8

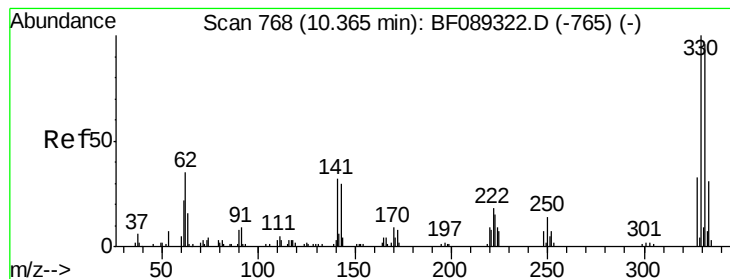


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 128.91 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

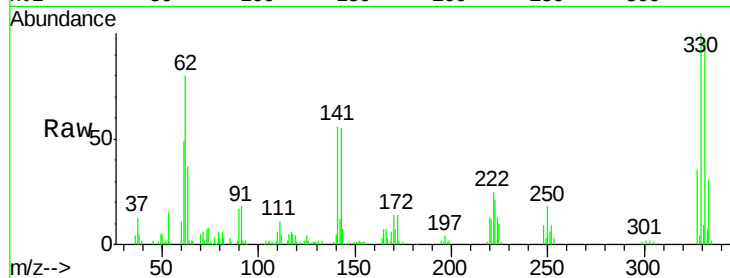
Tgt Ion:330 Resp: 101031

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

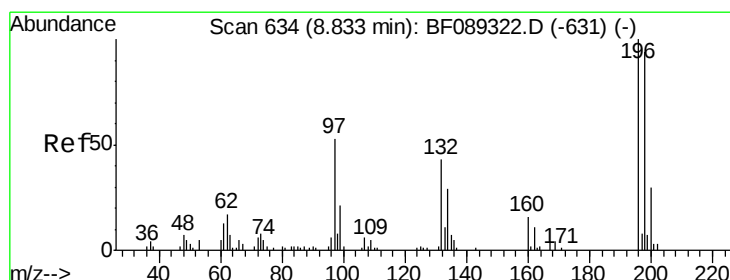
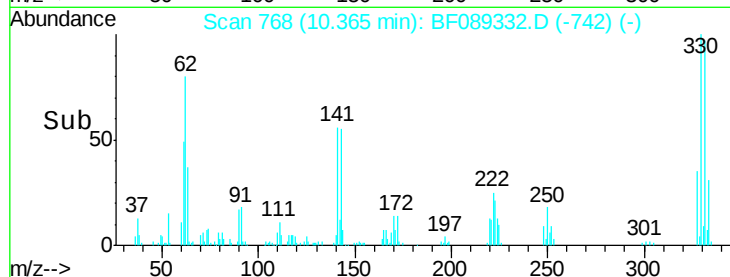
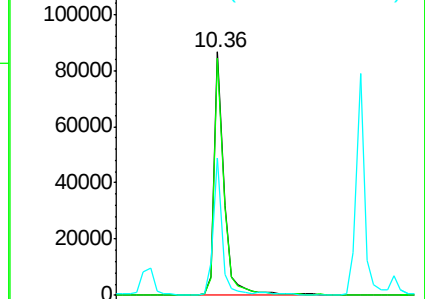
141 50.6 37.3 55.9



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: 48.70 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

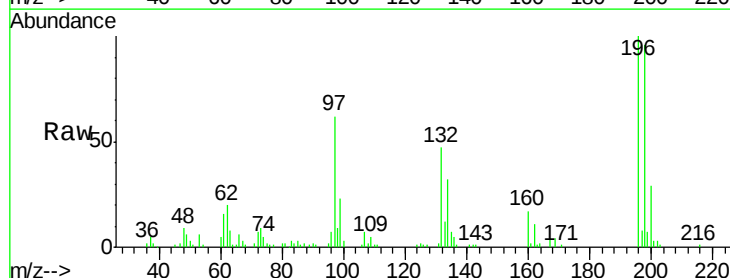
Tgt Ion:196 Resp: 76670

Ion Ratio Lower Upper

196 100

198 95.8 75.5 113.3

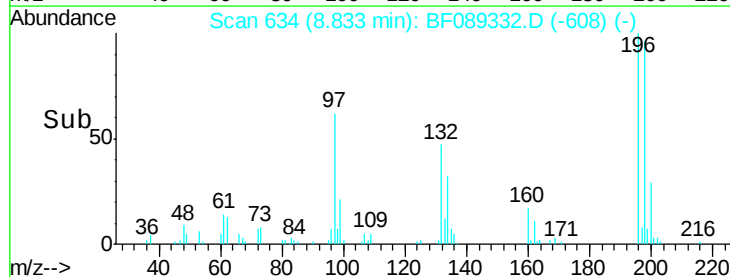
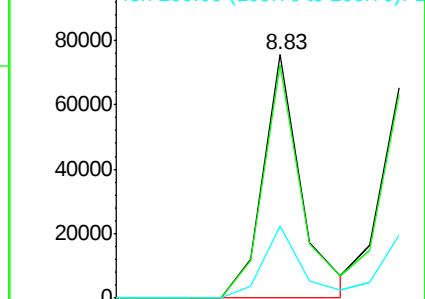
200 29.5 23.9 35.9

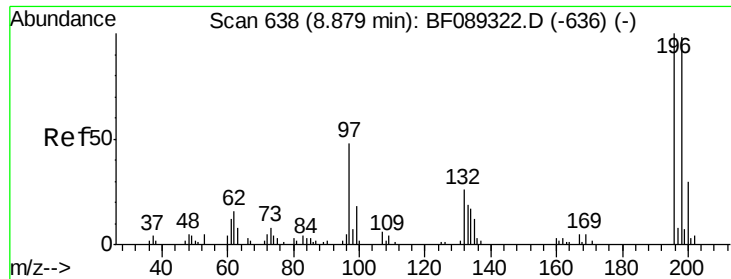


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

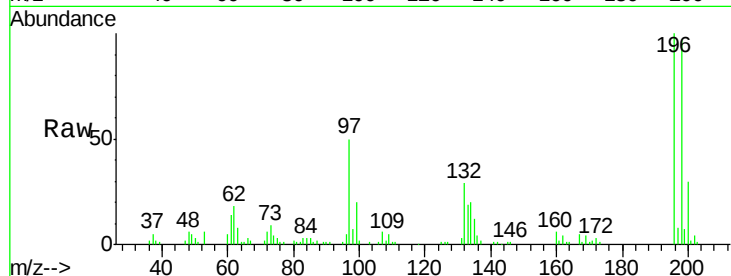




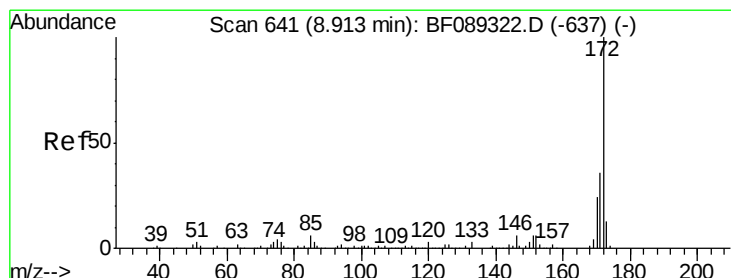
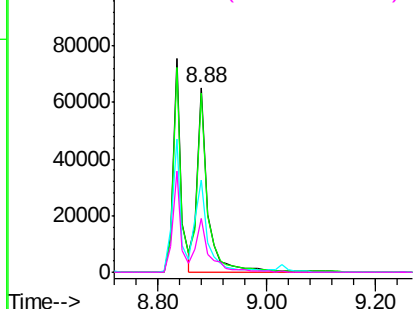
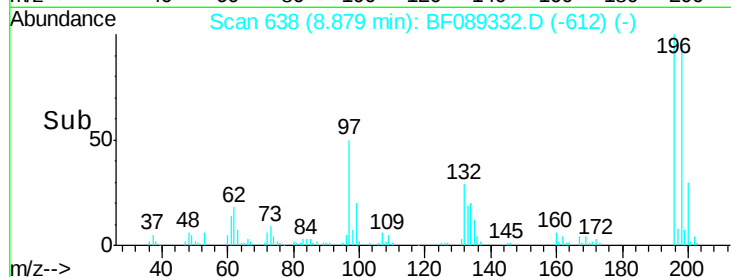
#43
 2,4,5-Trichlorophenol
 Concen: 45.91 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tgt Ion:196 Resp: 91557
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.7 118.1
 97 49.8 39.7 59.5
 132 29.2 22.8 34.2

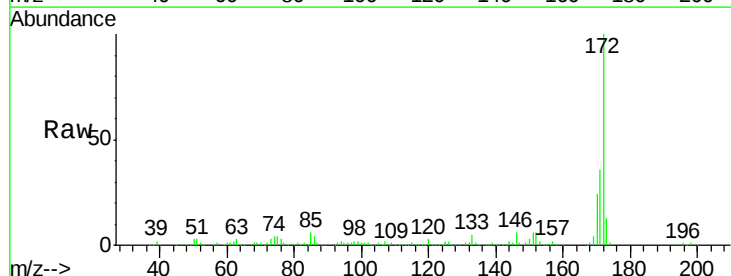


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

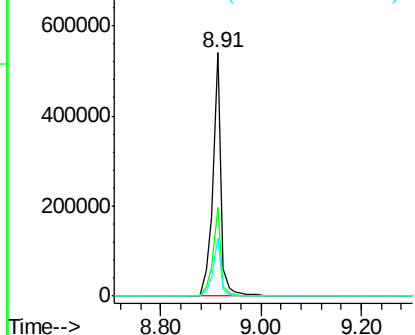
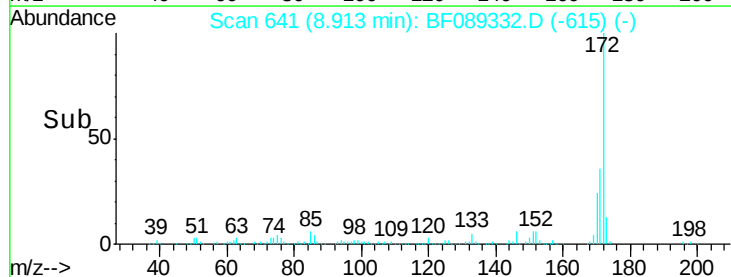


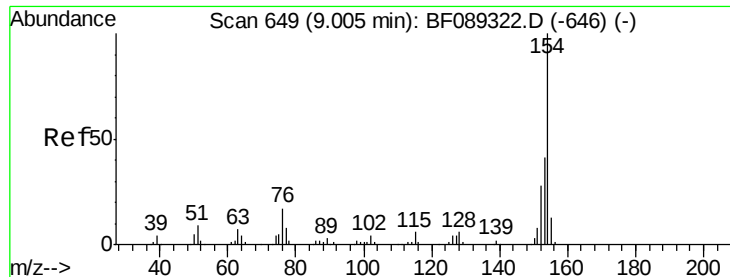
#44
 2-Fluorobiphenyl
 Concen: 94.75 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:172 Resp: 610943
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.9 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: 37.28 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

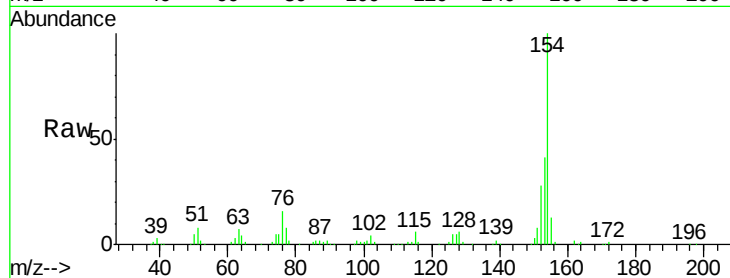
Tgt Ion:154 Resp: 300356

Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

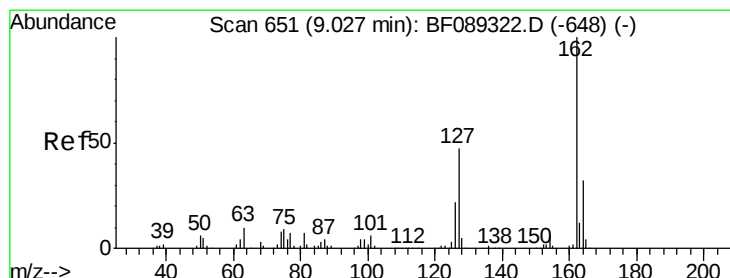
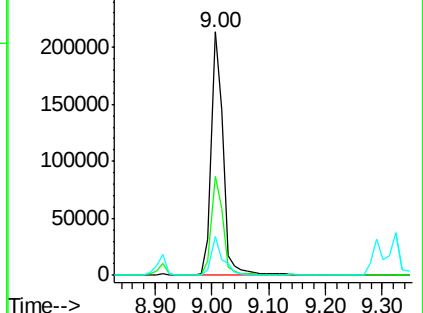
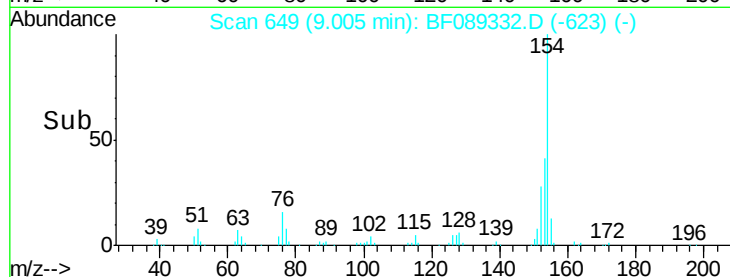
76 16.1 0.0 36.6



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: 44.90 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

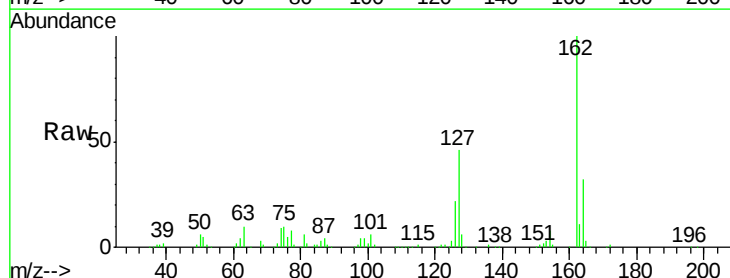
Tgt Ion:162 Resp: 271660

Ion Ratio Lower Upper

162 100

127 46.4 37.8 56.8

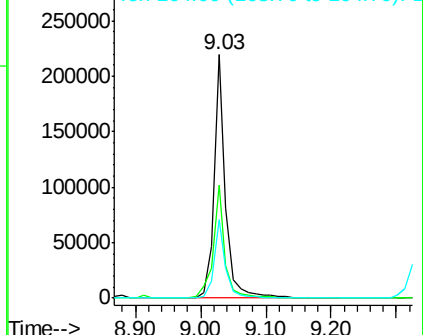
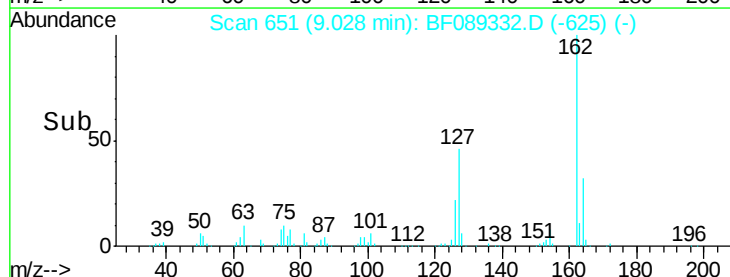
164 32.1 25.8 38.8

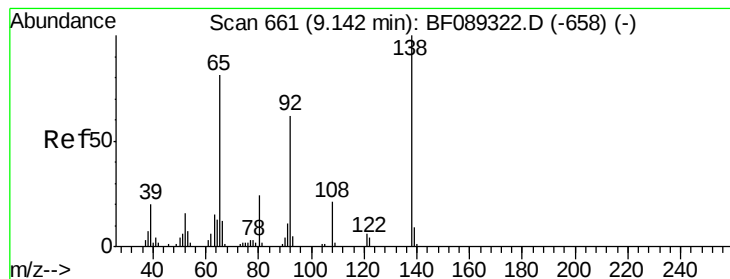


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.68 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

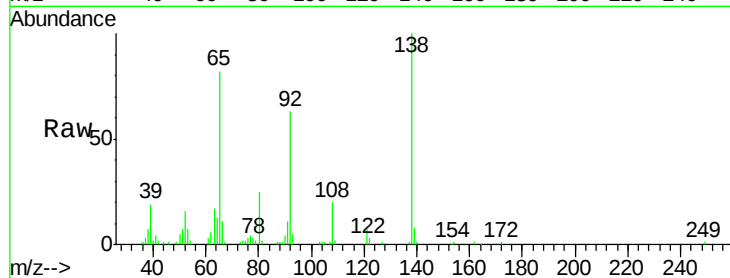
Tgt Ion: 65 Resp: 85441

Ion Ratio Lower Upper

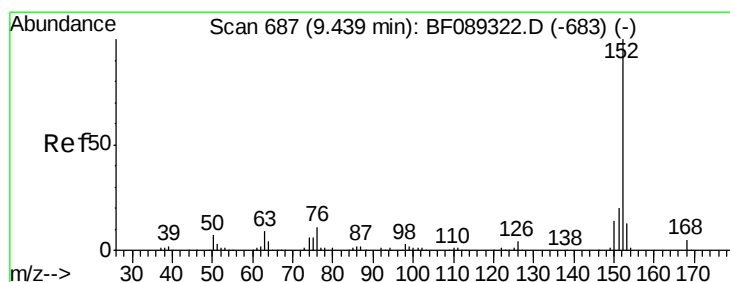
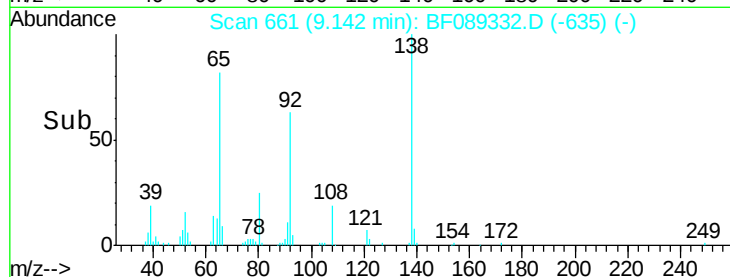
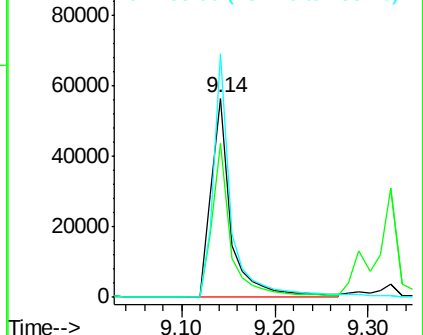
65 100

92 77.0 61.0 91.4

138 122.1 99.1 148.7



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



#48

Acenaphthylene

Concen: 45.91 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

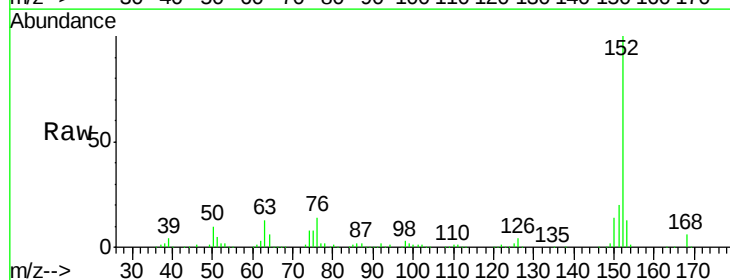
Tgt Ion: 152 Resp: 437577

Ion Ratio Lower Upper

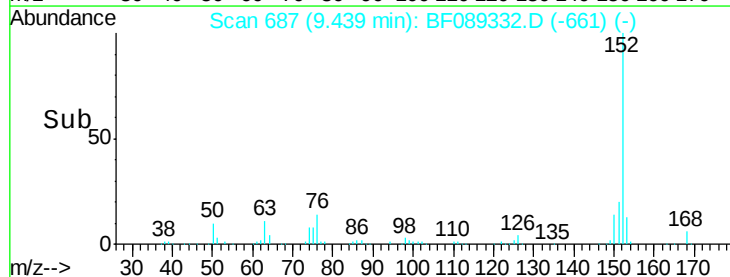
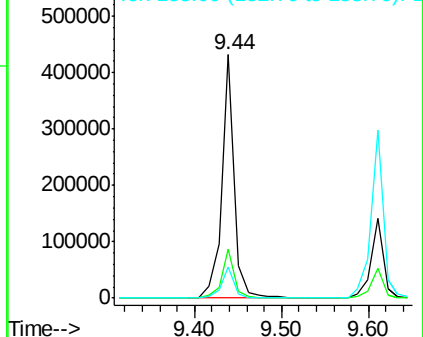
152 100

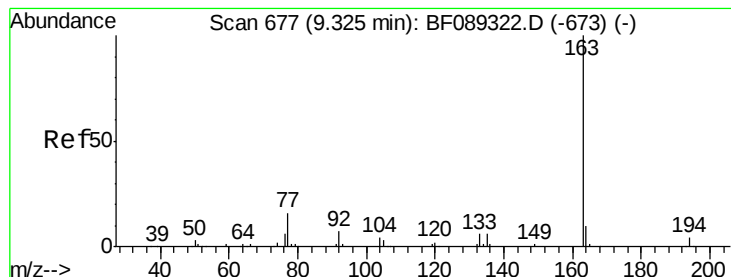
151 20.2 16.2 24.2

153 13.0 10.2 15.4



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





#49

Dimethylphthalate

Concen: 45.88 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

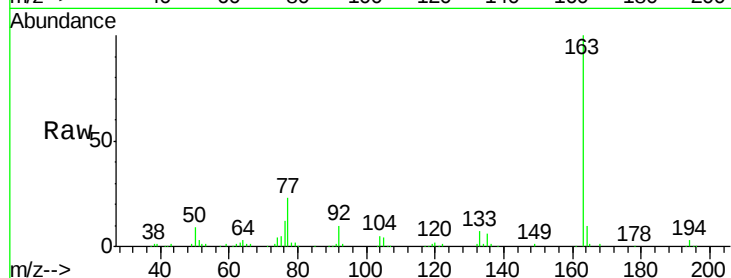
Tgt Ion:163 Resp: 330411

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

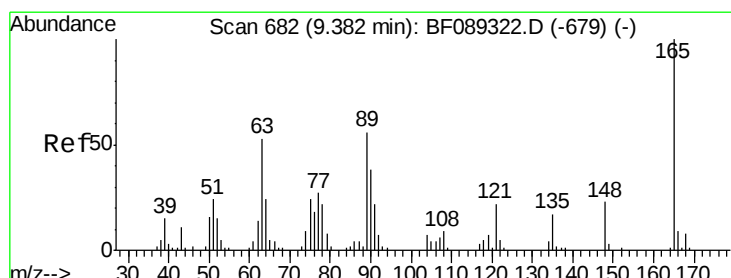
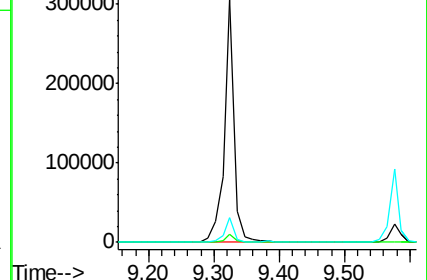
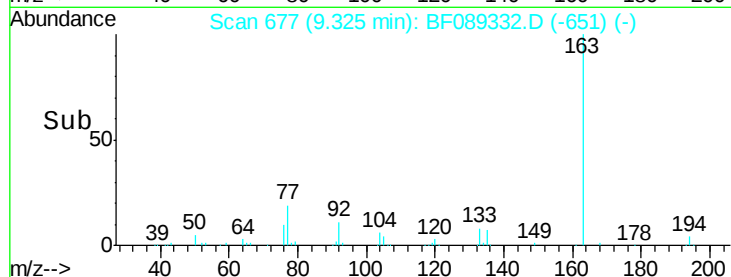
164 9.9 7.8 11.8



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: 49.57 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

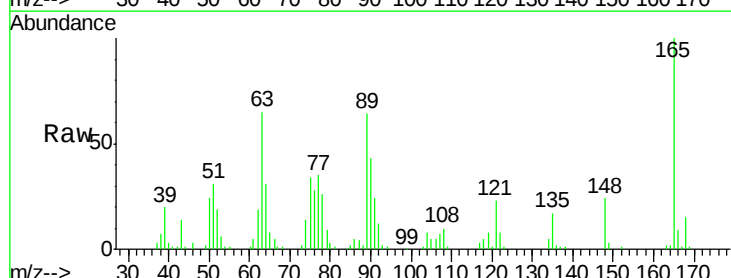
Tgt Ion:165 Resp: 73346

Ion Ratio Lower Upper

165 100

63 65.3 43.5 65.3#

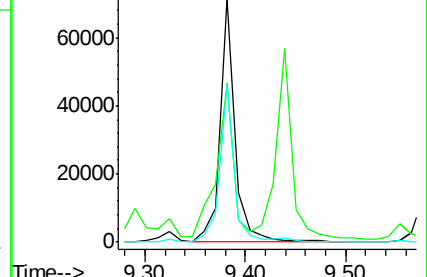
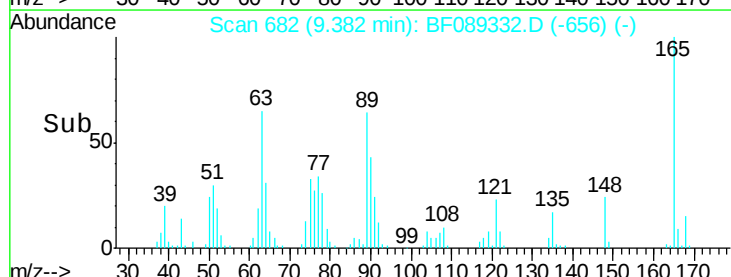
89 64.3 45.0 67.4

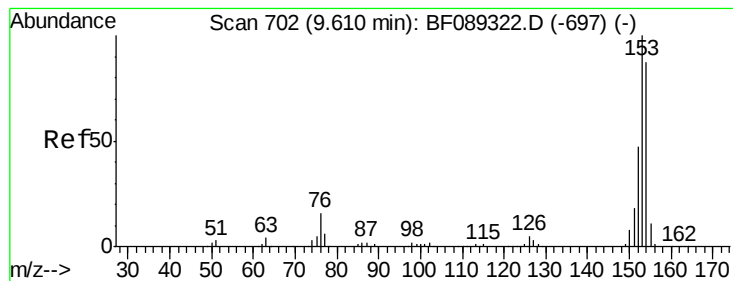


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.87 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

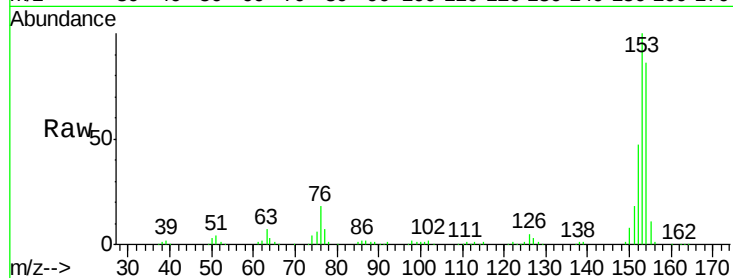
Tgt Ion:154 Resp: 255316

Ion Ratio Lower Upper

154 100

153 115.6 91.4 137.2

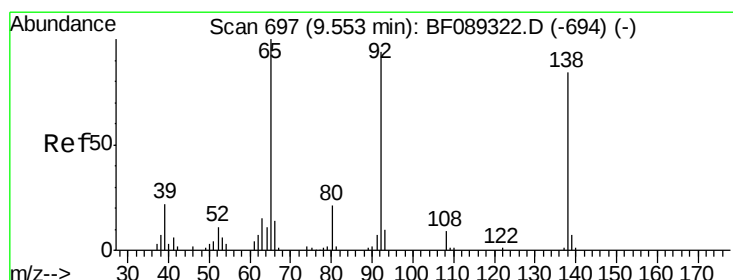
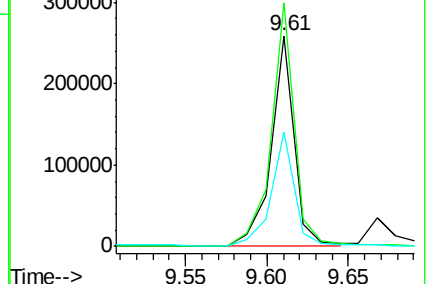
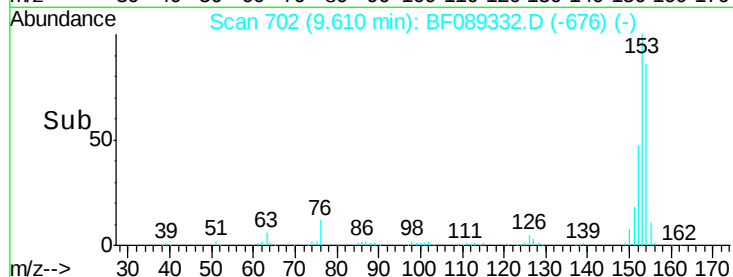
152 54.5 43.8 65.6



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: 23.93 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

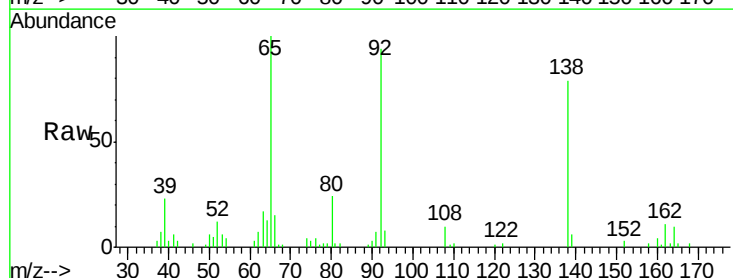
Tgt Ion:138 Resp: 37373

Ion Ratio Lower Upper

138 100

108 12.2 8.6 13.0

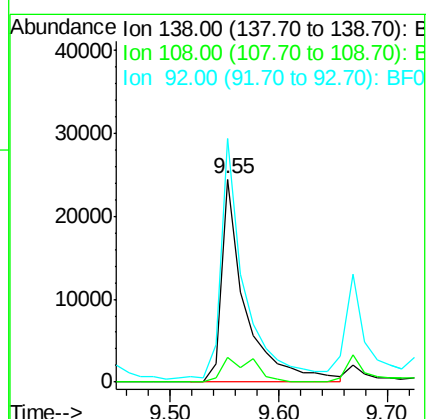
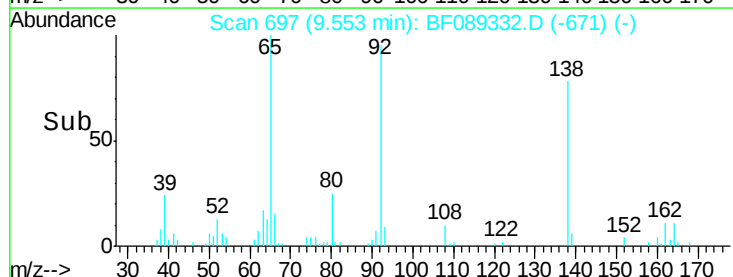
92 120.1 90.0 135.0

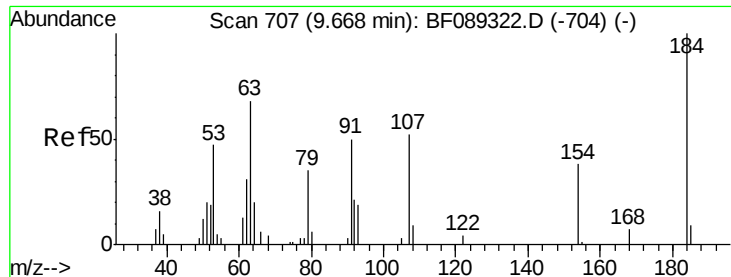


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

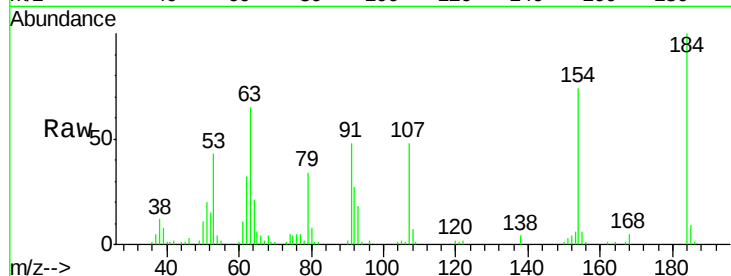




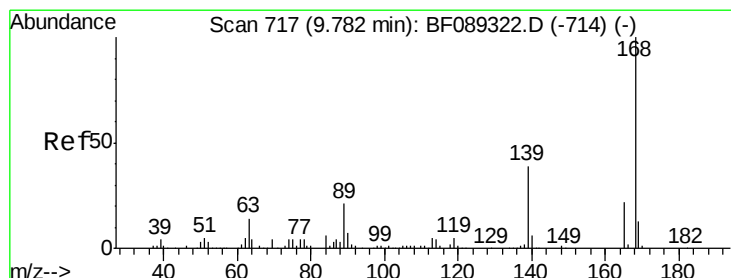
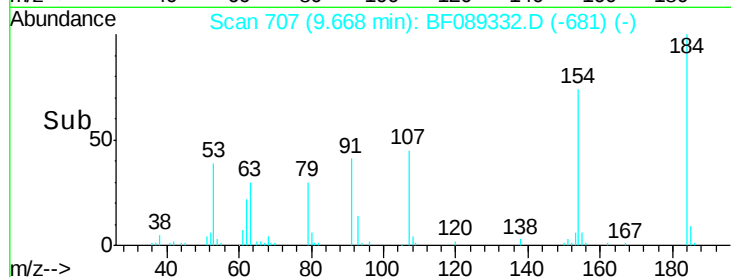
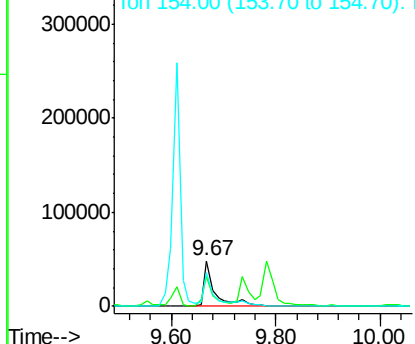
#53
 2,4-Dinitrophenol
 Concen: 97.03 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tgt Ion:184 Resp: 74167
 Ion Ratio Lower Upper
 184 100
 63 64.7 60.6 90.8
 154 73.8 69.8 104.8

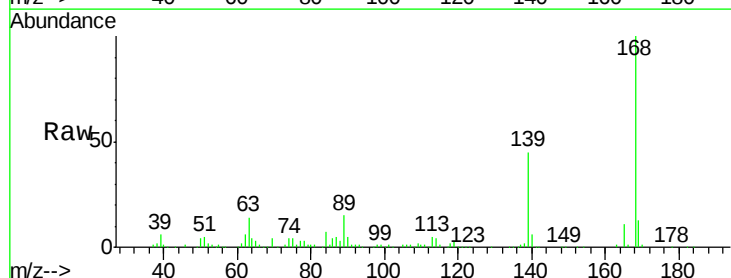


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

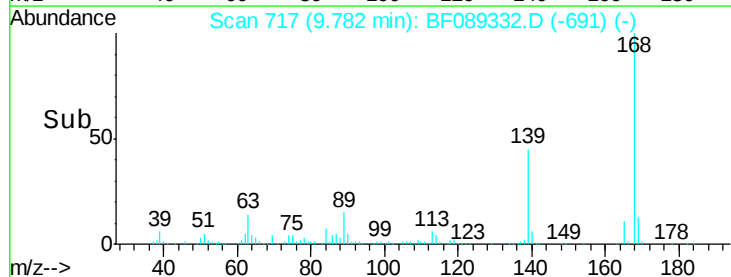
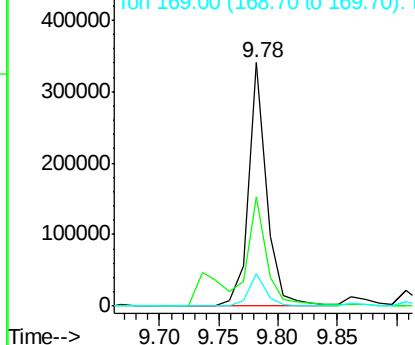


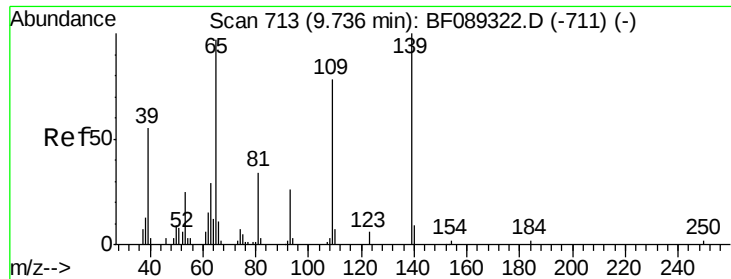
#54
 Dibenzofuran
 Concen: 47.92 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:168 Resp: 363418
 Ion Ratio Lower Upper
 168 100
 139 45.0 33.7 50.5
 169 13.4 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

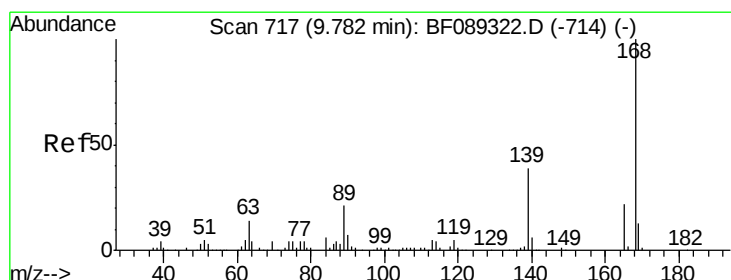
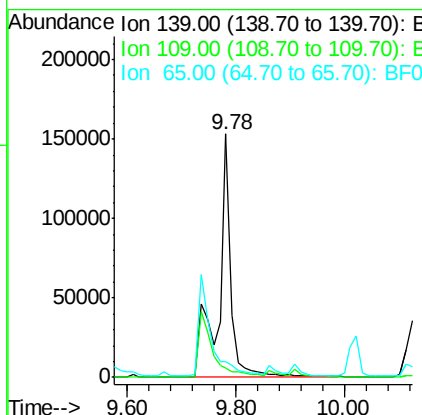
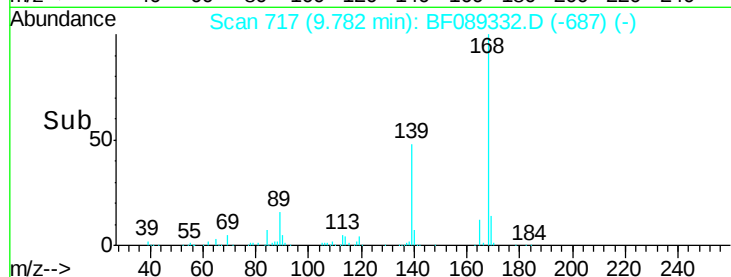
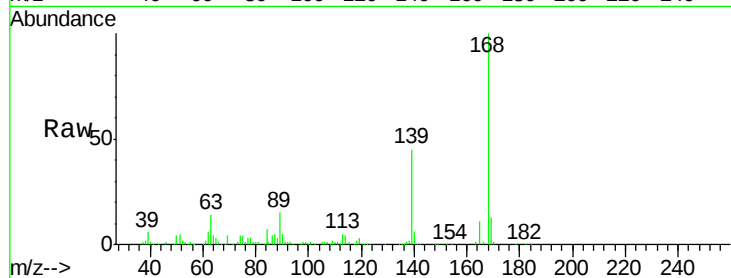




#55
4-Nitrophenol
Concen: 313.77 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

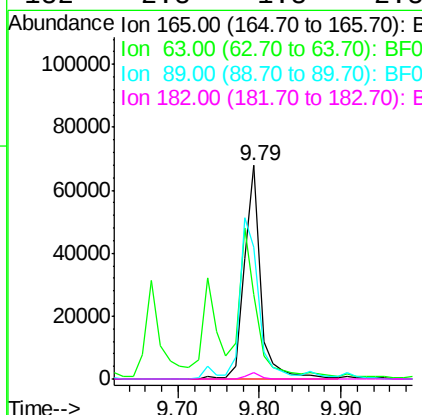
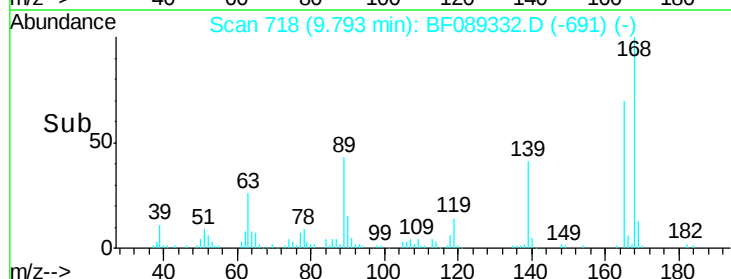
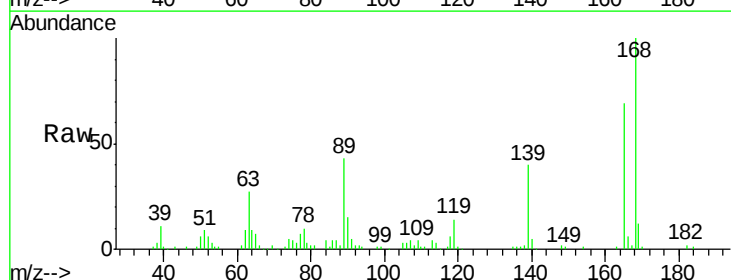
Instrument :
BNA_F
ClientSampleId :
PB92412BS

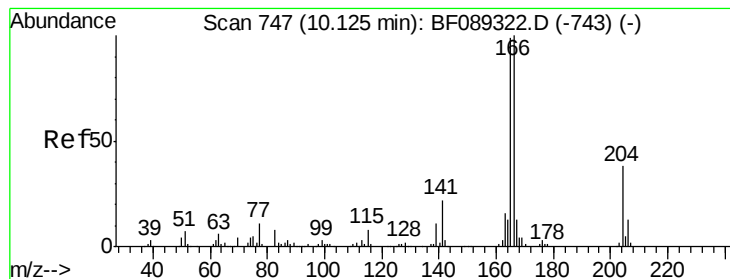
Tgt Ion:139 Resp: 253535
Ion Ratio Lower Upper
139 100
109 3.9 57.8 97.8#
65 6.6 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 48.58 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:165 Resp: 94645
Ion Ratio Lower Upper
165 100
63 39.3 58.2 87.2#
89 61.8 79.1 118.7#
182 2.8 1.8 2.8#





#57

Fluorene

Concen: 47.65 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

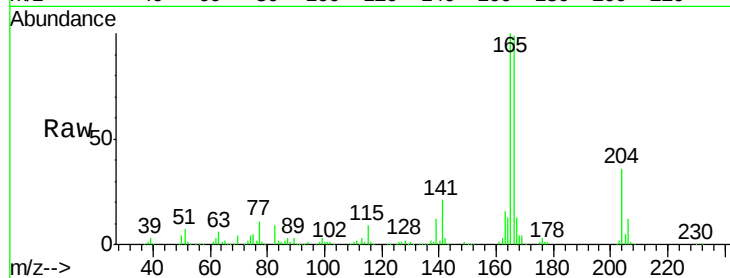
Tgt Ion:166 Resp: 315452

Ion Ratio Lower Upper

166 100

165 100.6 79.0 118.4

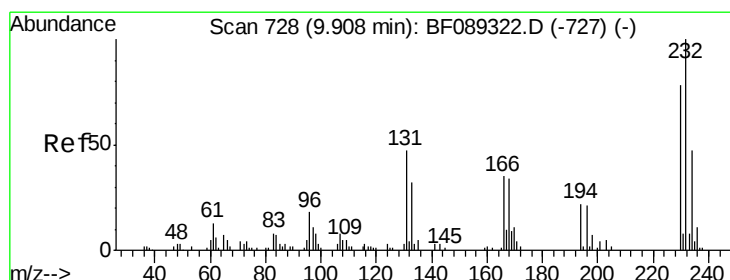
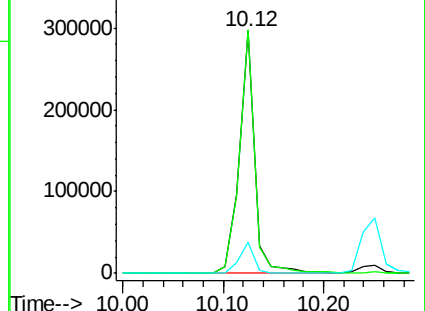
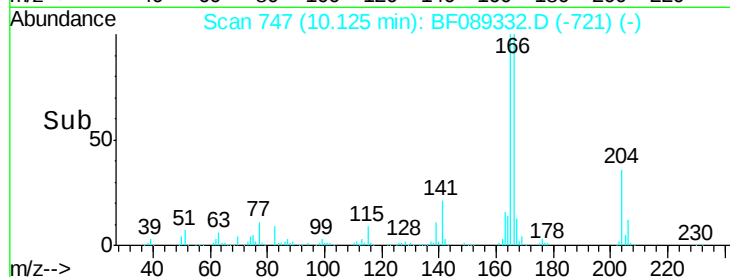
167 13.0 10.2 15.2



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: 52.99 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:232 Resp: 70552

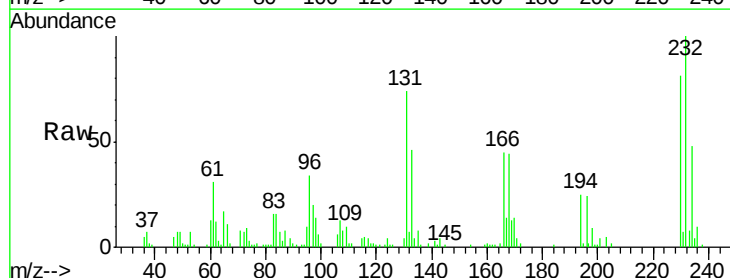
Ion Ratio Lower Upper

232 100

131 57.1 42.7 64.1

130 2.6 1.7 2.5#

166 34.4 25.7 38.5

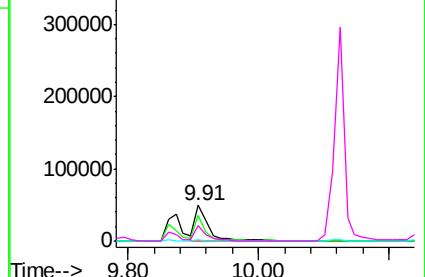
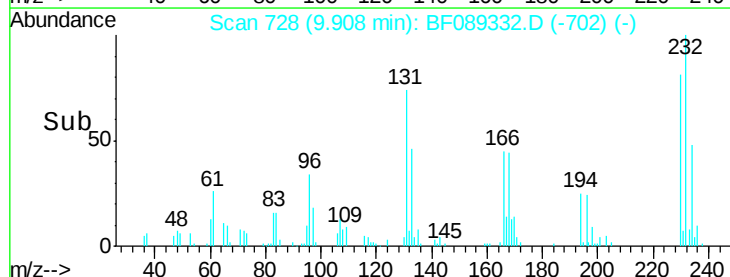


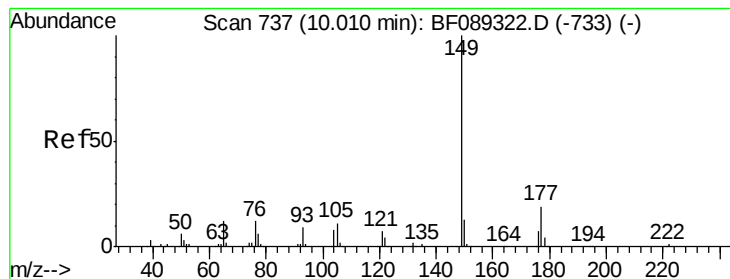
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.30 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

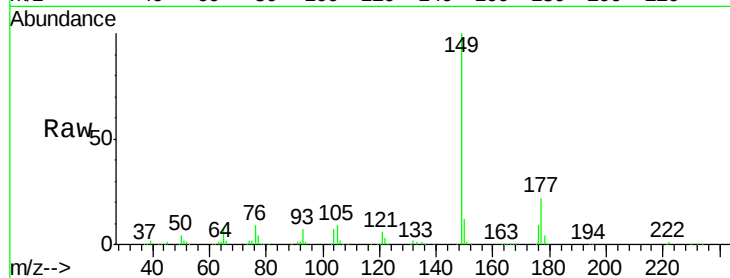
Tgt Ion:149 Resp: 352635

Ion Ratio Lower Upper

149 100

177 22.1 15.1 22.7

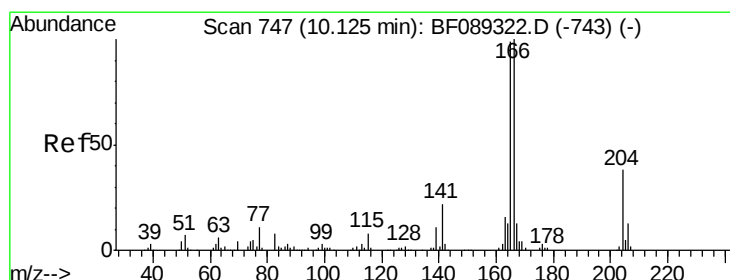
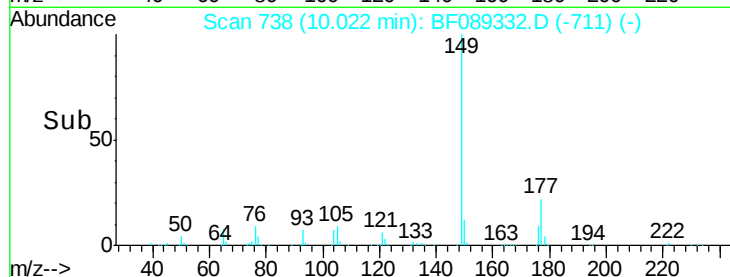
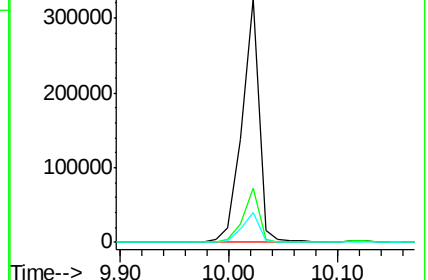
150 12.5 10.2 15.4



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: 44.11 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

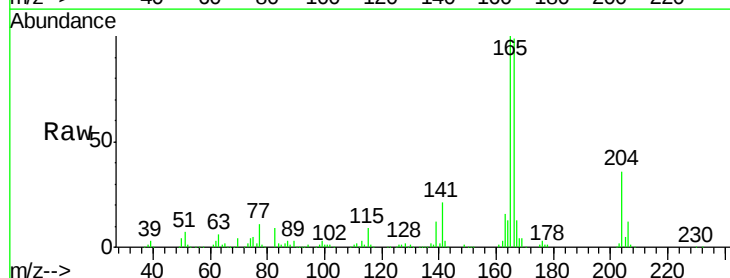
Tgt Ion:204 Resp: 133961

Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

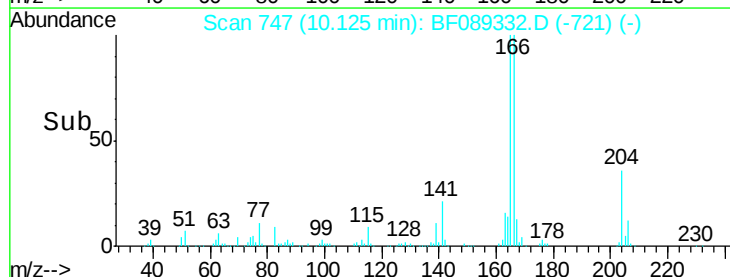
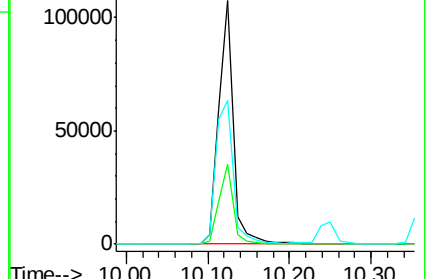
141 58.9 46.6 70.0

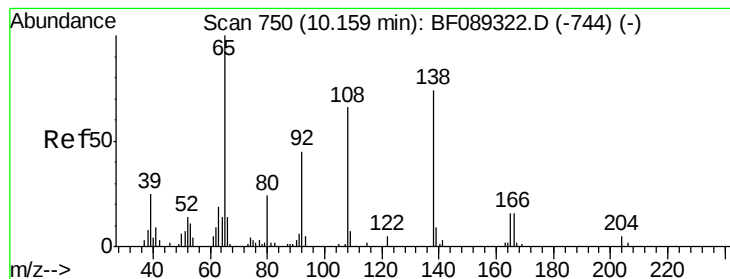


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

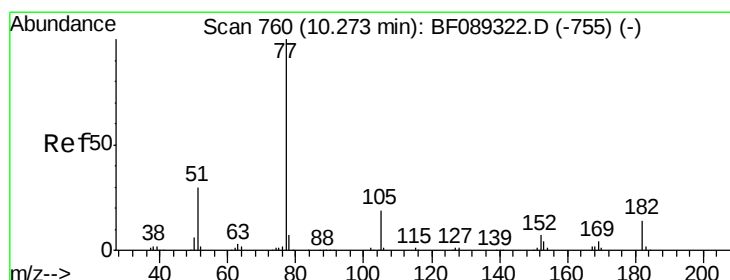
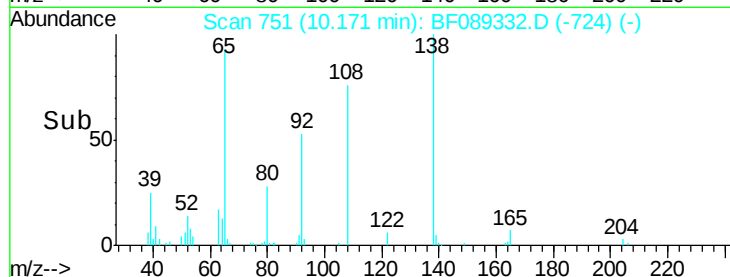
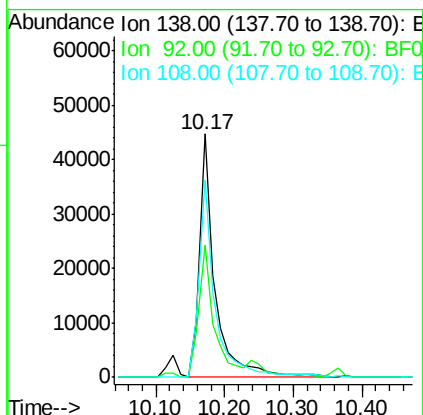
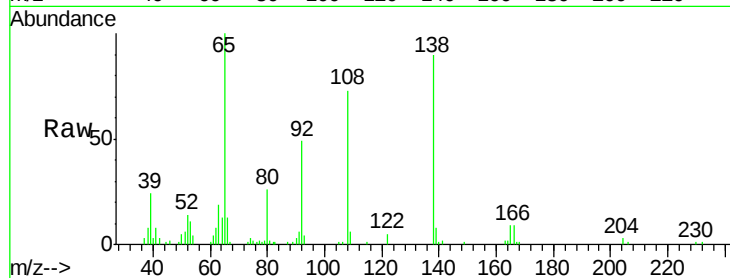




#61
4-Nitroaniline
Concen: 43.00 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

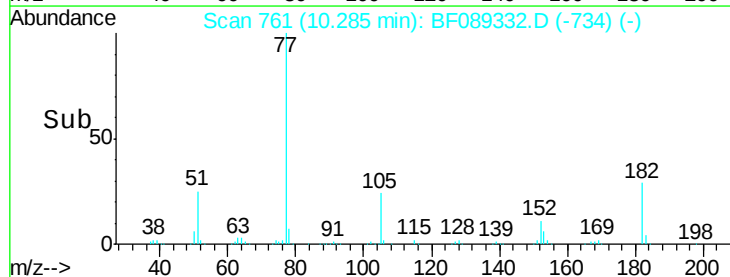
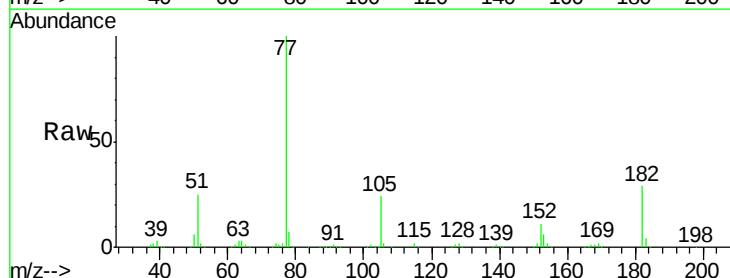
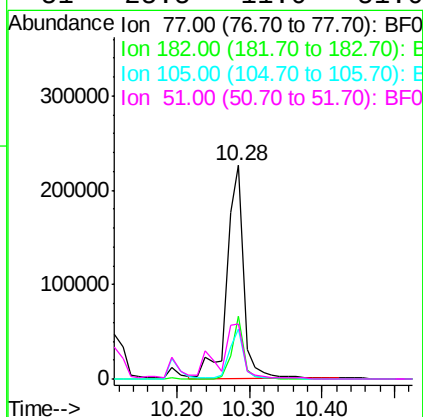
Instrument :
BNA_F
ClientSampleId :
PB92412BS

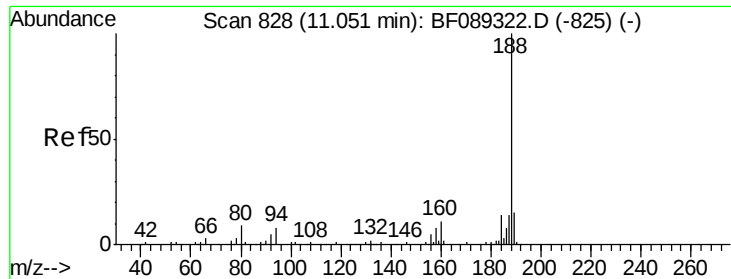
Tgt Ion:138 Resp: 69217
Ion Ratio Lower Upper
138 100
92 54.2 41.2 81.2
108 81.3 69.6 109.6



#62
Azobenzene
Concen: 47.74 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion: 77 Resp: 359012
Ion Ratio Lower Upper
77 100
182 29.4 0.0 33.8
105 23.6 0.0 39.8
51 25.5 11.0 51.0

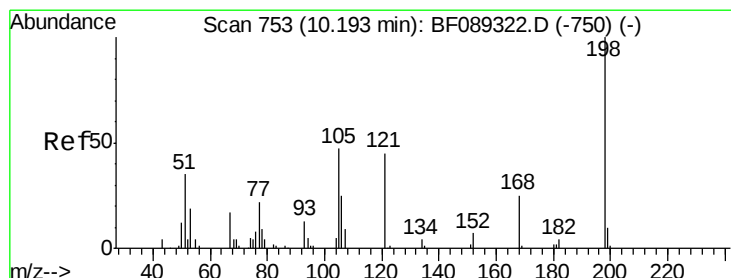
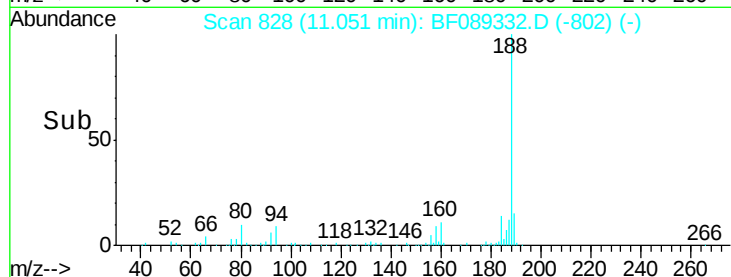
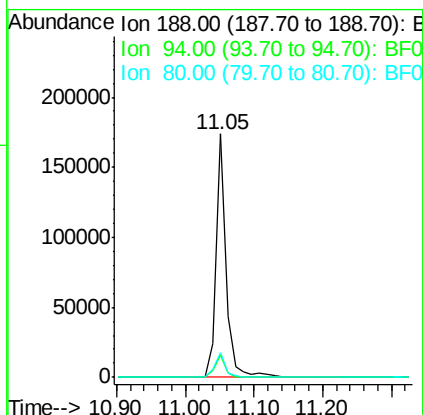
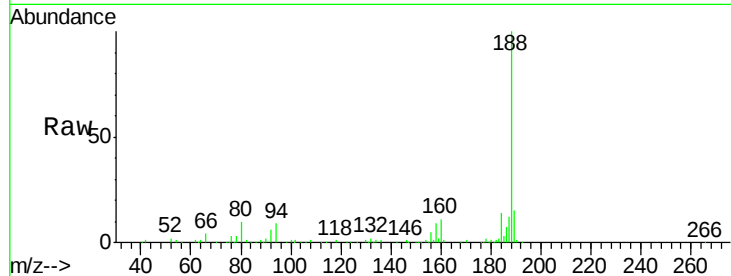




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

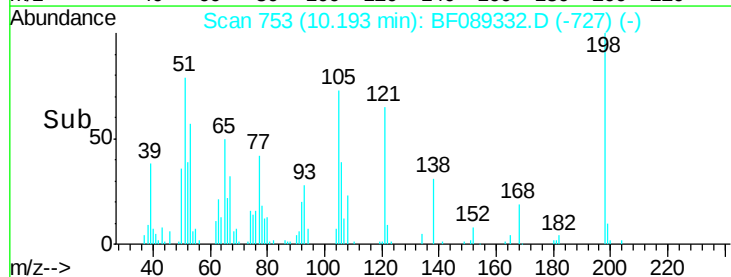
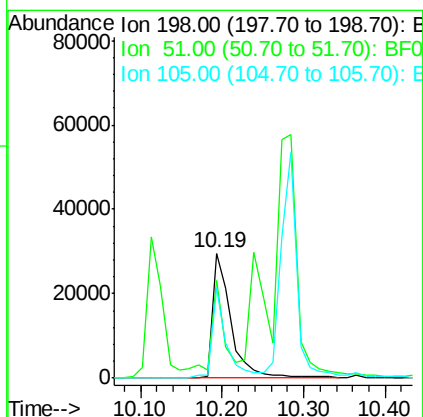
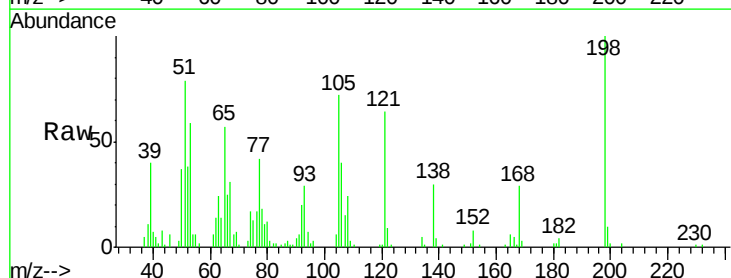
Instrument :
BNA_F
ClientSampleId :
PB92412BS

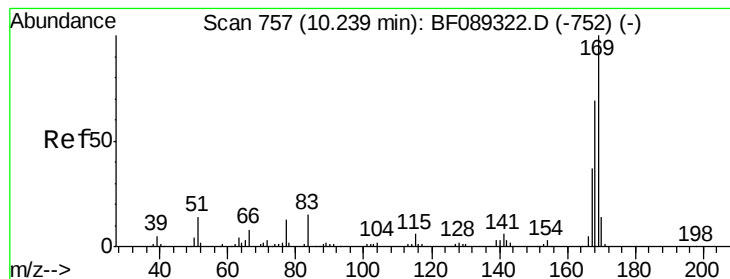
Tgt Ion:188 Resp: 181451
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 10.3 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.16 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:198 Resp: 46742
Ion Ratio Lower Upper
198 100
51 78.8 23.0 63.0#
105 71.8 28.3 68.3#





#65

n-Nitrosodiphenylamine

Concen: 45.68 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

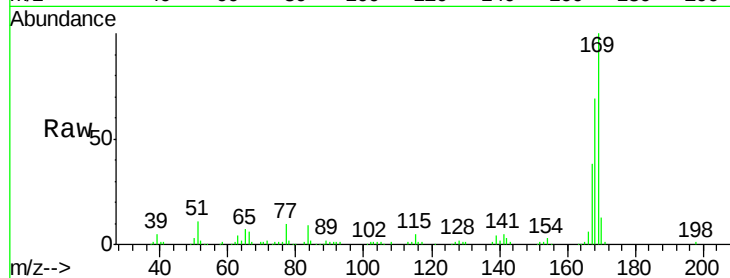
Tgt Ion:169 Resp: 258656

Ion Ratio Lower Upper

169 100

168 69.1 55.4 83.0

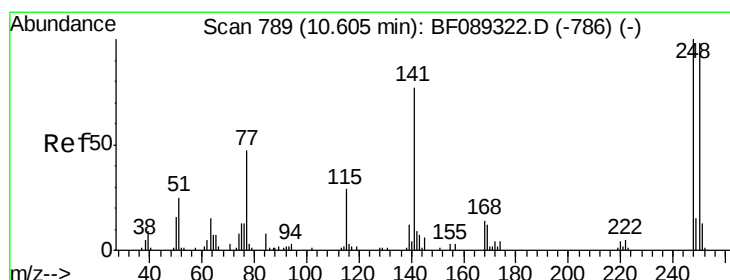
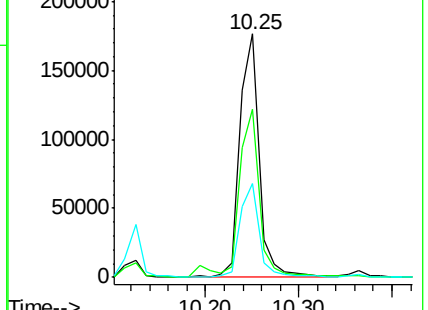
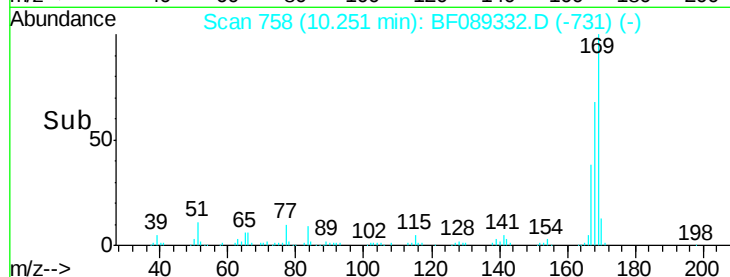
167 38.4 29.7 44.5



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: 48.37 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

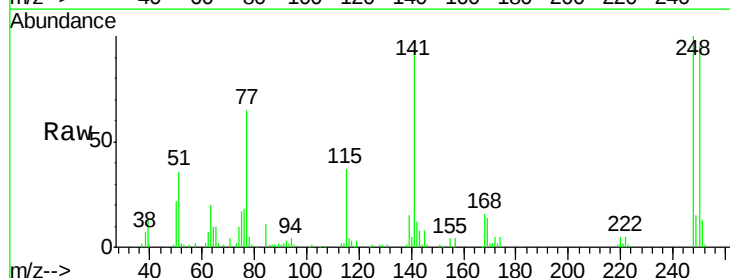
Tgt Ion:248 Resp: 83796

Ion Ratio Lower Upper

248 100

250 95.1 78.2 117.2

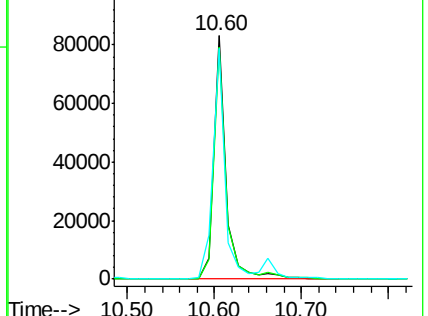
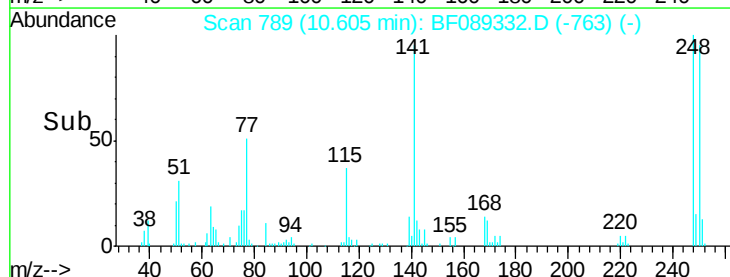
141 94.7 62.0 93.0#

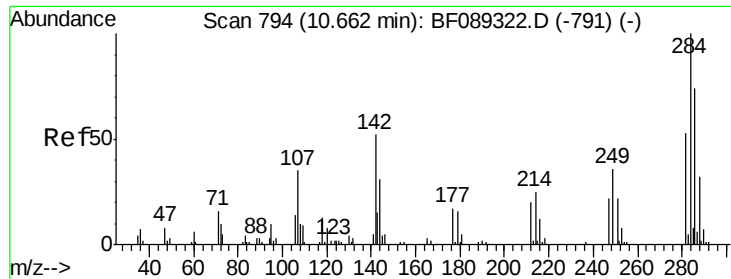


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

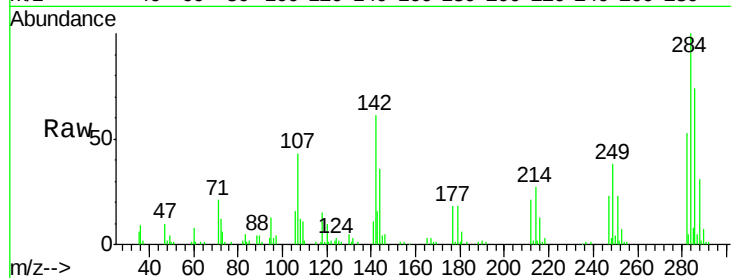




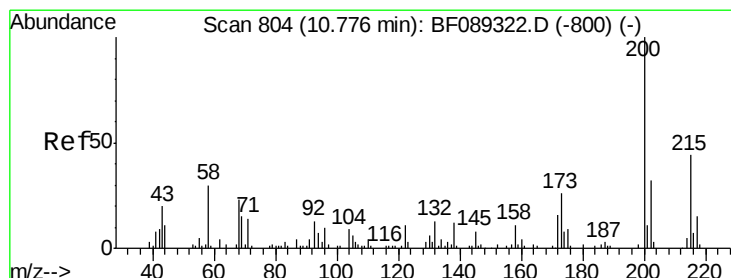
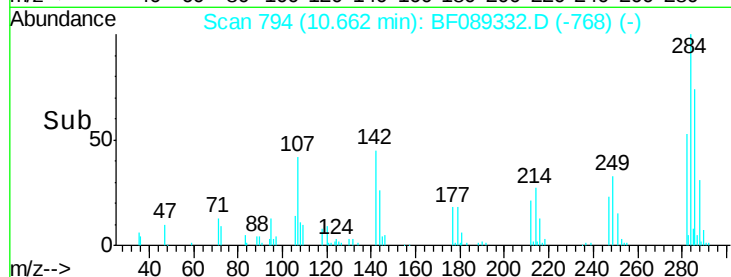
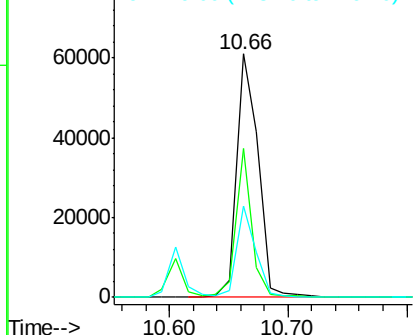
#67
Hexachlorobenzene
Concen: 43.10 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tgt Ion:284 Resp: 76524
Ion Ratio Lower Upper
284 100
142 61.3 42.2 63.4
249 37.7 29.4 44.0

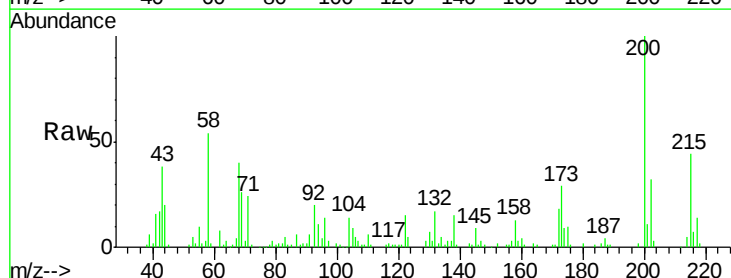


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

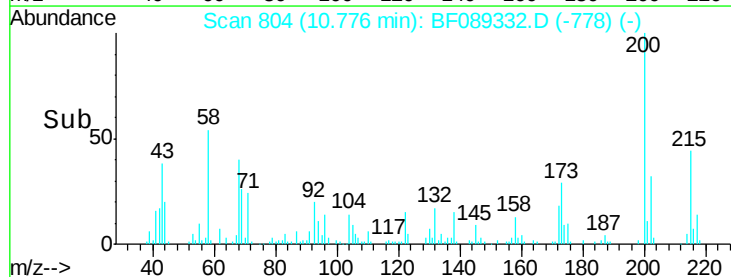
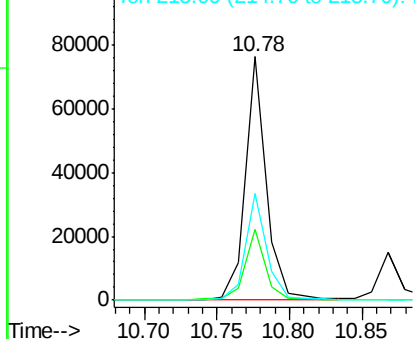


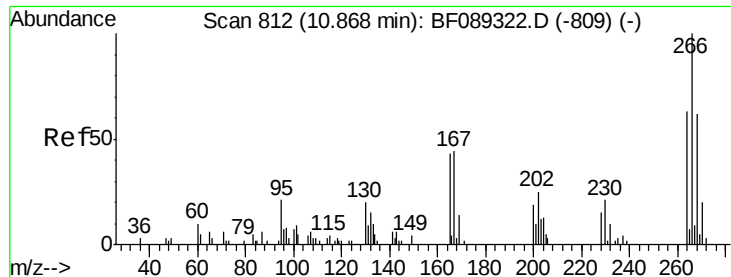
#68
Atrazine
Concen: 44.24 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:200 Resp: 76956
Ion Ratio Lower Upper
200 100
173 29.3 6.0 46.0
215 43.7 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

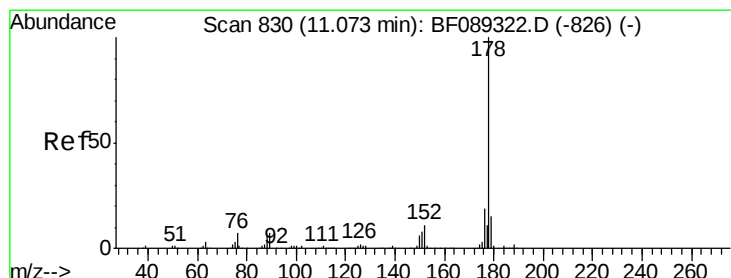
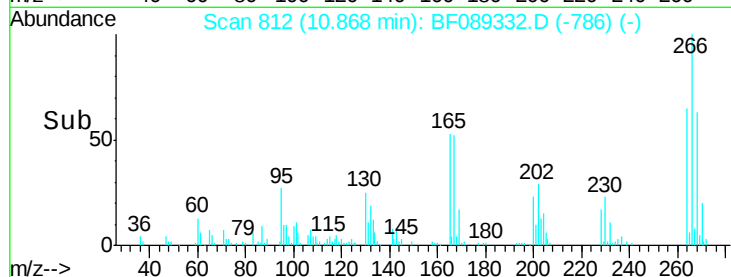
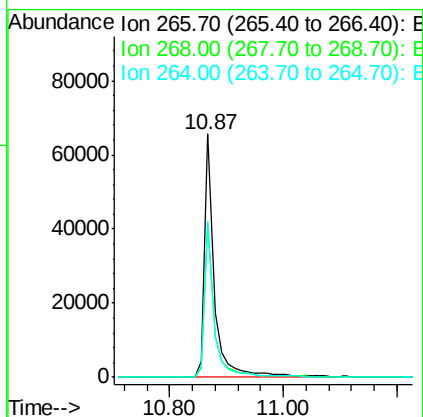
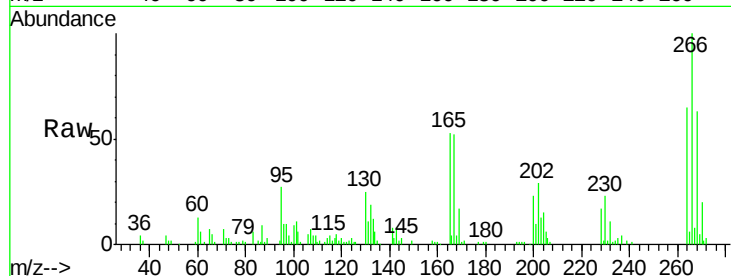




#69
 Pentachlorophenol
 Concen: 88.45 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

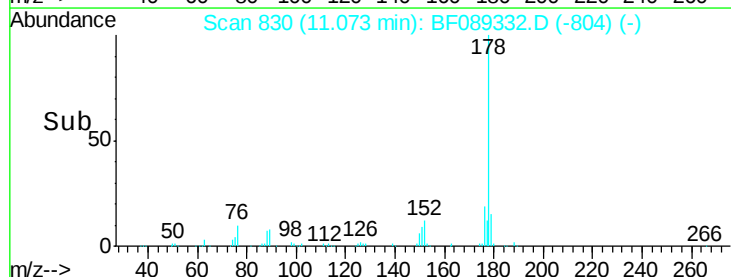
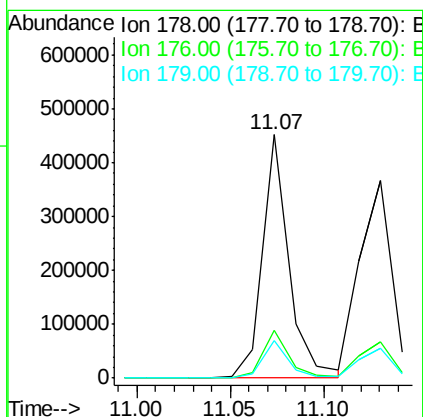
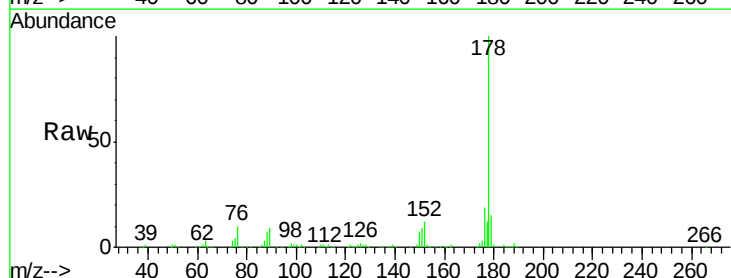
Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

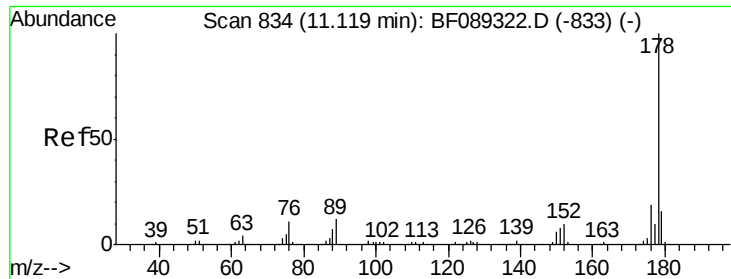
Tgt Ion:266 Resp: 76670
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.4 74.2
 264 64.5 50.2 75.2



#70
 Phenanthrene
 Concen: 47.55 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:178 Resp: 445013
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.4 12.3 18.5

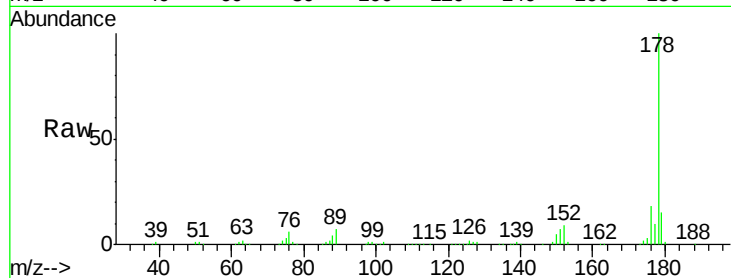




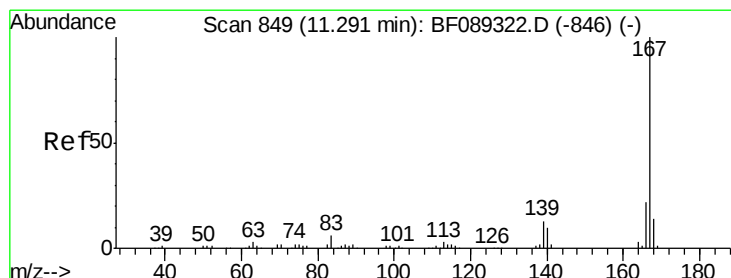
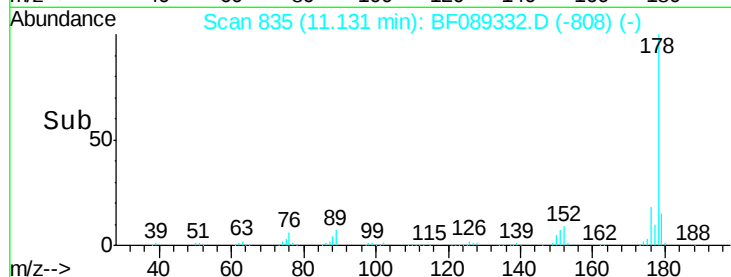
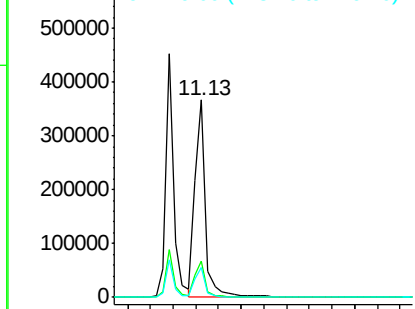
#71
 Anthracene
 Concen: 45.75 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tgt Ion:178 Resp: 476028
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.1 12.6 18.8

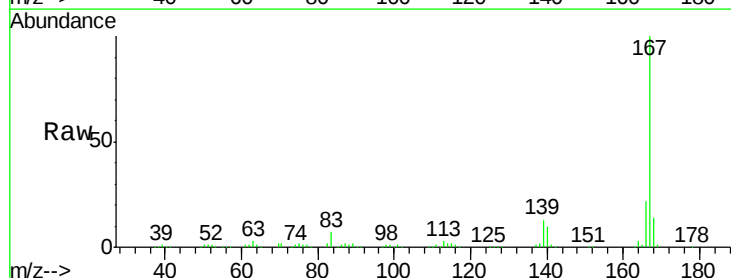


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

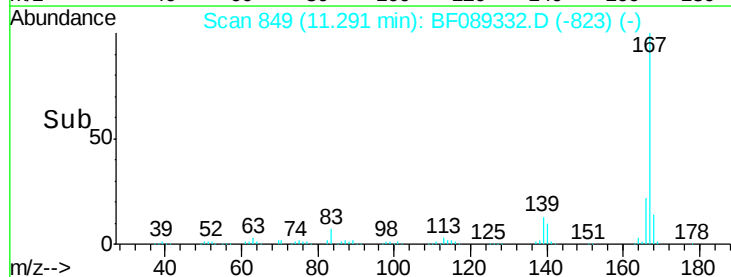
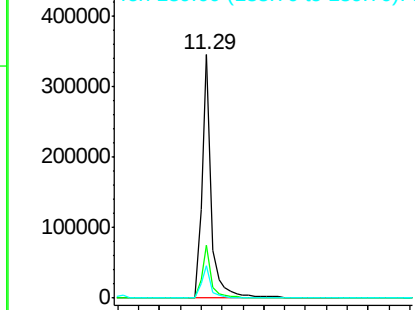


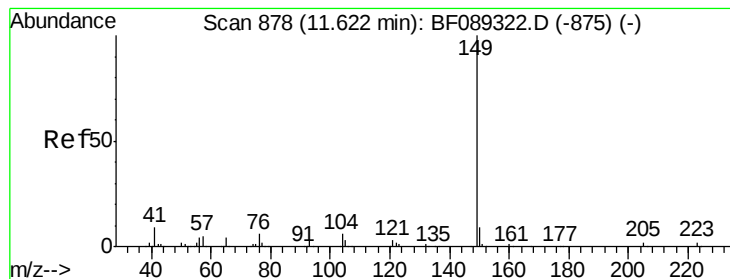
#72
 Carbazole
 Concen: 48.83 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:167 Resp: 427653
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.2 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: 44.20 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

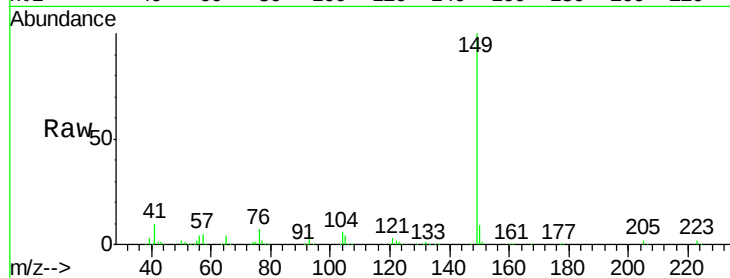
Tgt Ion:149 Resp: 519385

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

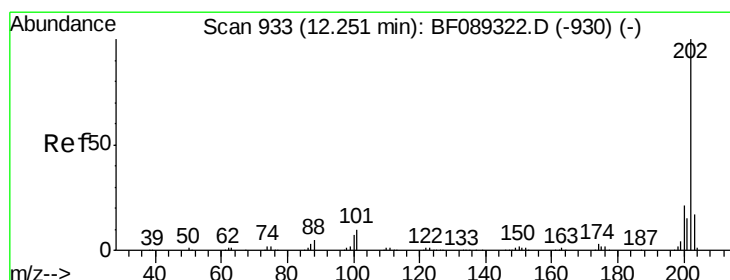
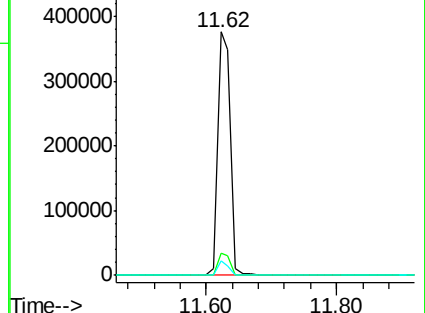
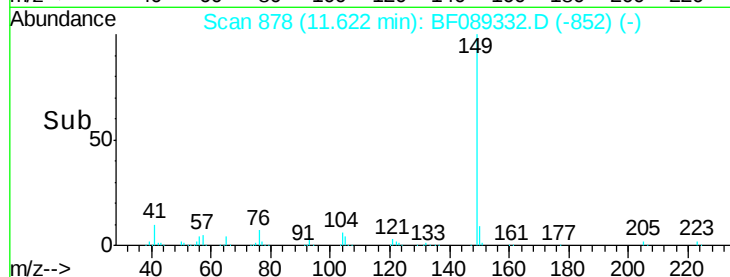
104 6.1 4.7 7.1



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: 48.03 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

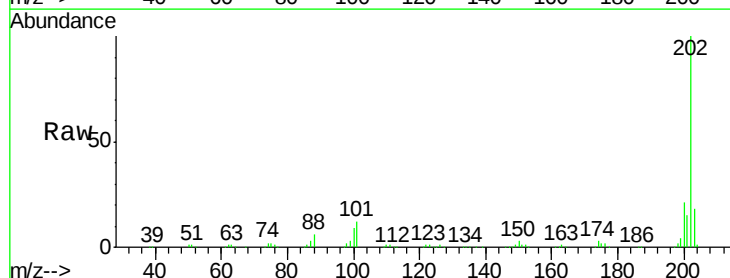
Tgt Ion:202 Resp: 472788

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.9

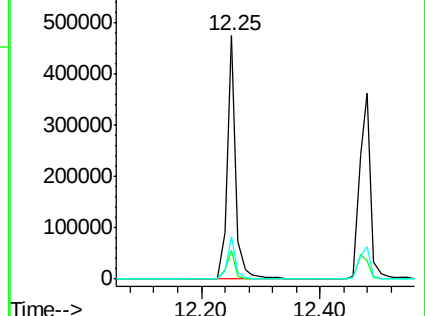
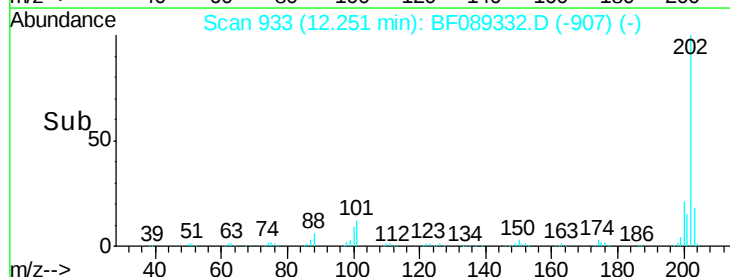
203 17.7 0.0 37.3

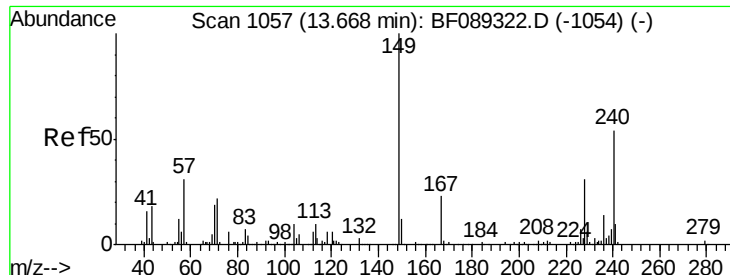


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

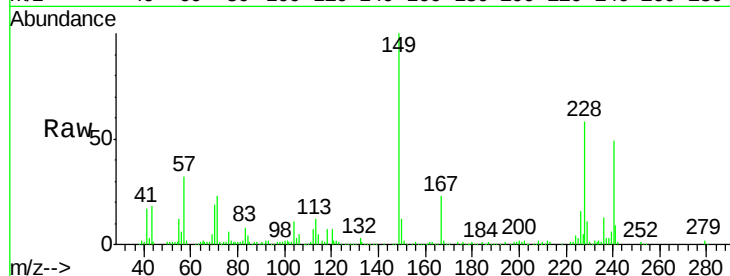
Tgt Ion:240 Resp: 133745

Ion Ratio Lower Upper

240 100

120 14.2 9.1 13.7#

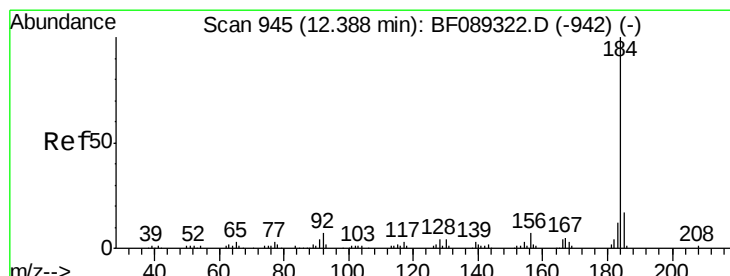
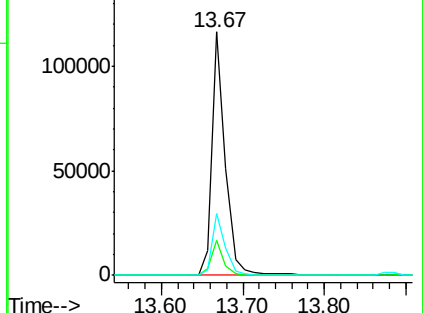
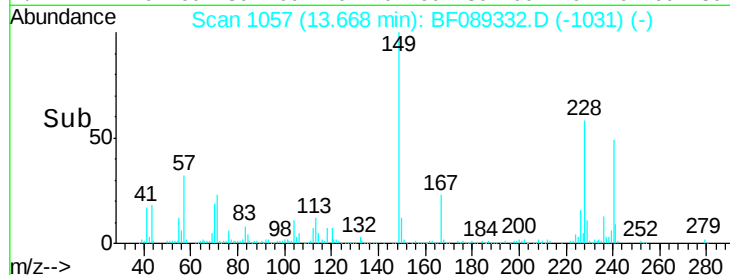
236 25.4 20.6 30.8



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: 36.94 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

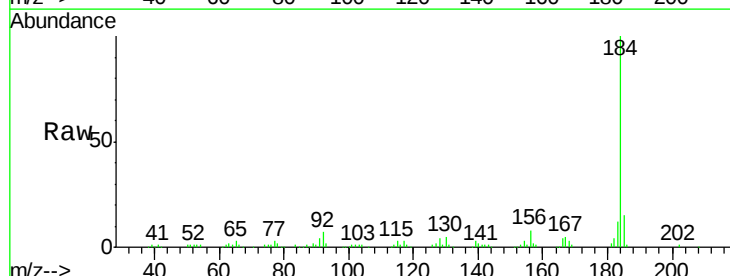
Tgt Ion:184 Resp: 182572

Ion Ratio Lower Upper

184 100

185 14.5 13.5 20.3

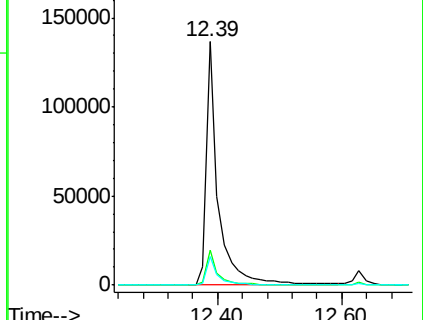
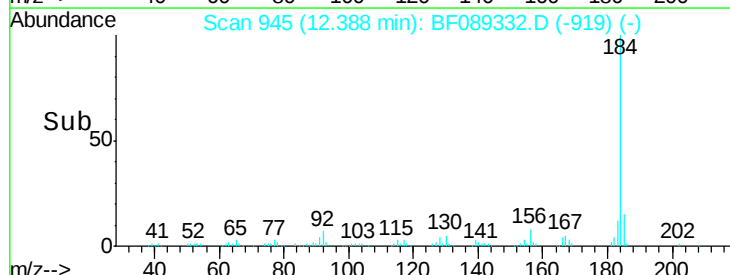
183 11.7 9.8 14.6

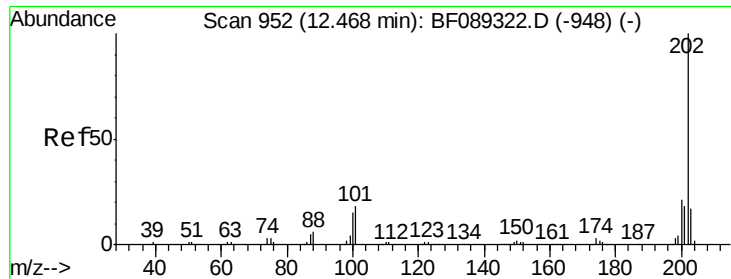


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

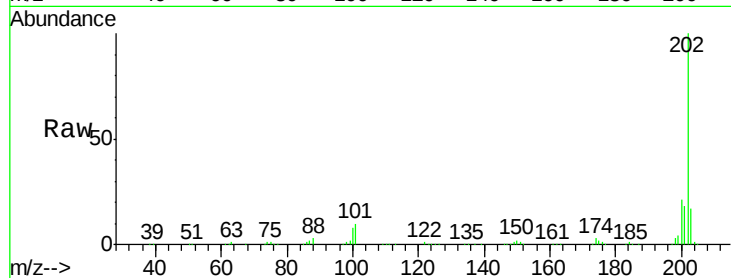




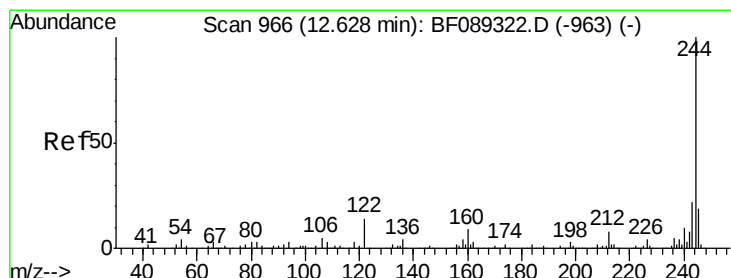
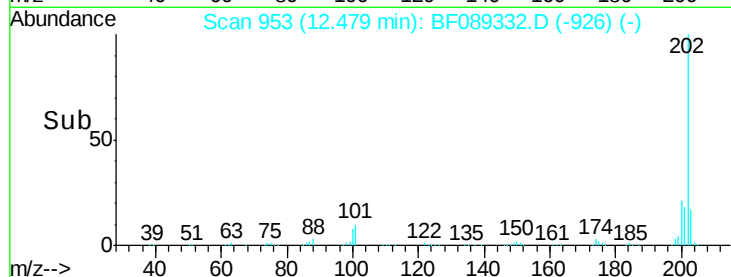
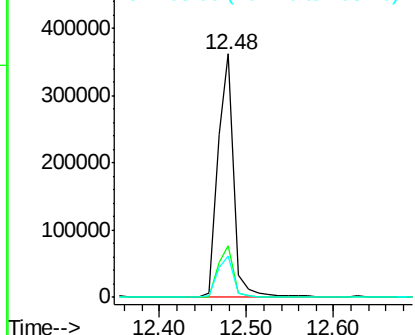
#77
 Pyrene
 Concen: 45.30 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.2	14.0	21.0

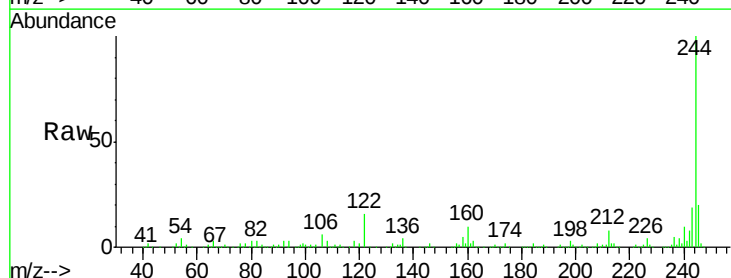


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

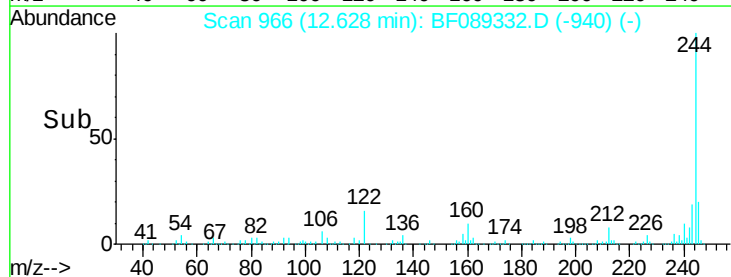
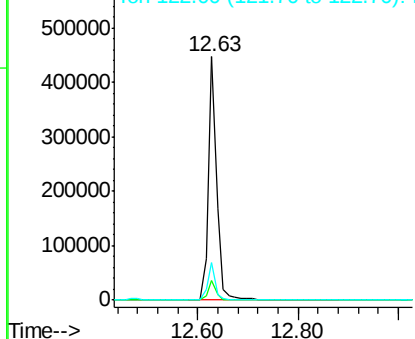


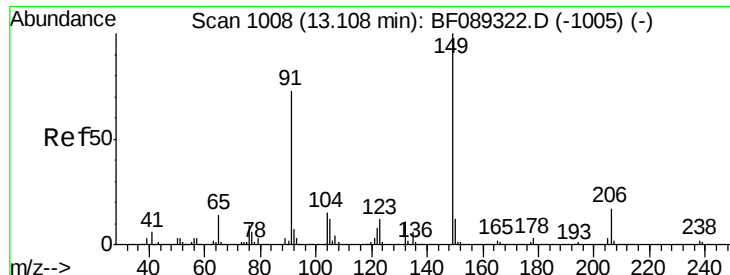
#78
 Terphenyl-d14
 Concen: 89.11 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	15.7	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

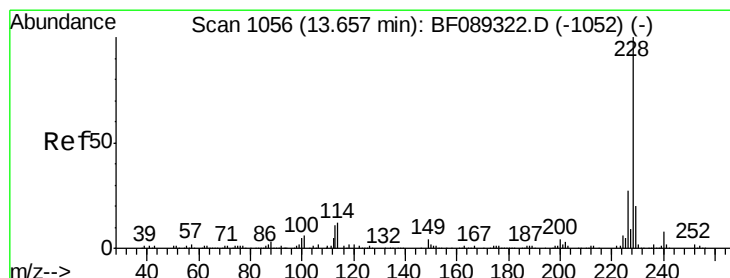
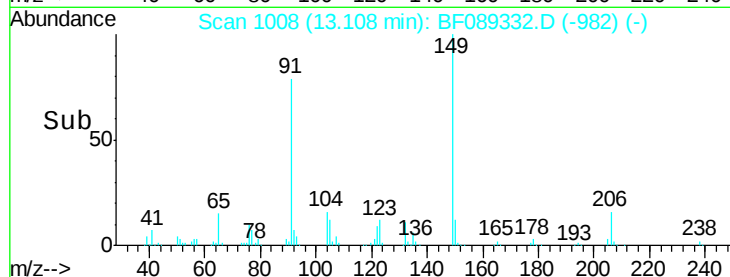
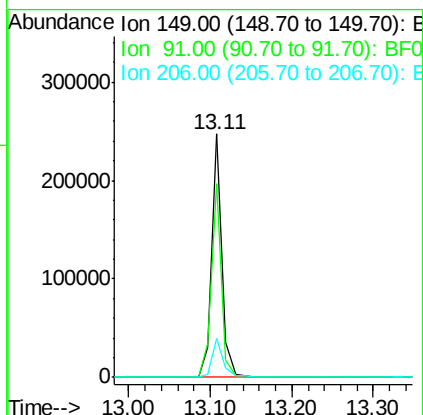
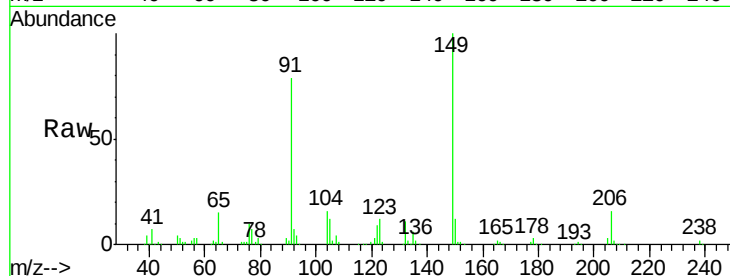




#79
Butylbenzylphthalate
Concen: 48.02 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

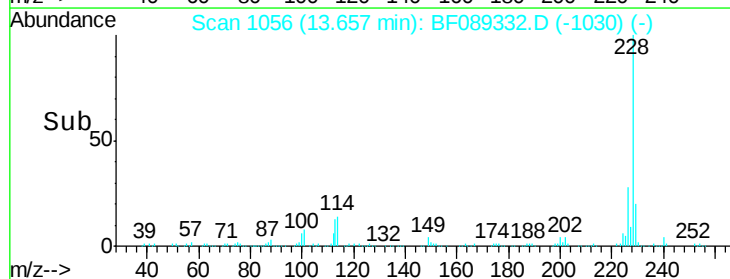
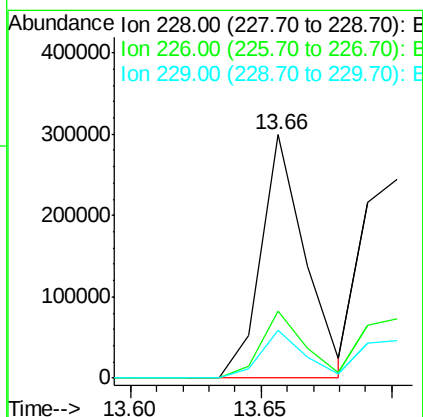
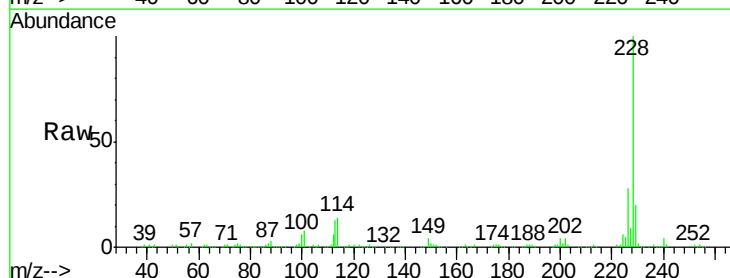
Instrument :
BNA_F
ClientSampleId :
PB92412BS

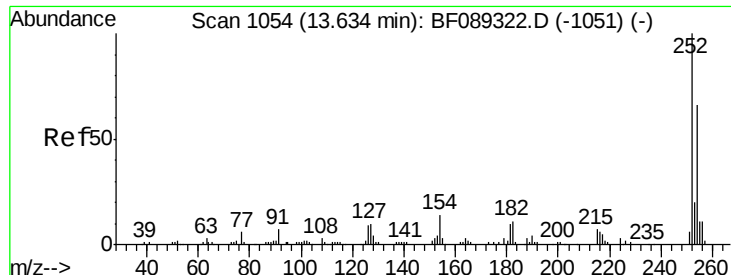
Tgt Ion:149 Resp: 221308
Ion Ratio Lower Upper
149 100
91 79.4 58.5 87.7
206 16.1 13.8 20.8



#80
Benzo(a)anthracene
Concen: 46.64 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:228 Resp: 352051
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.2
229 19.8 15.9 23.9

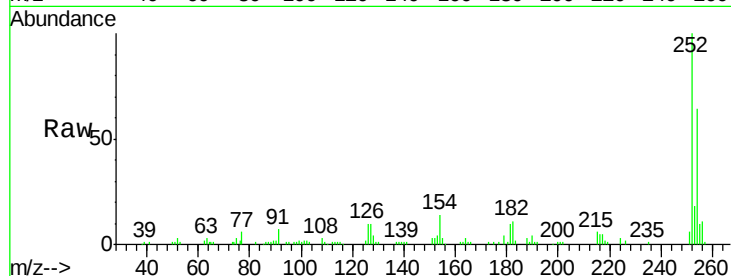




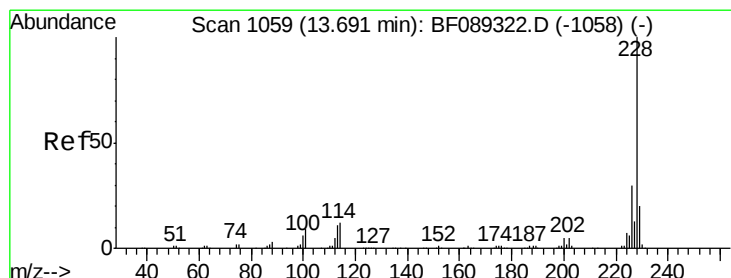
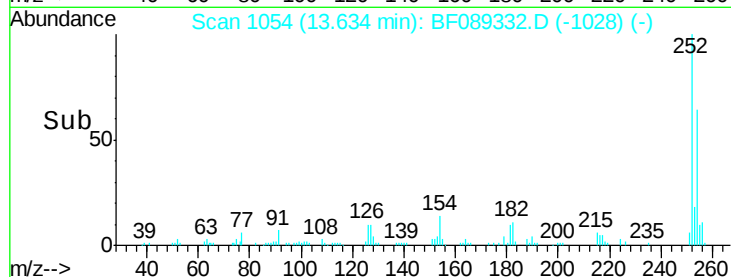
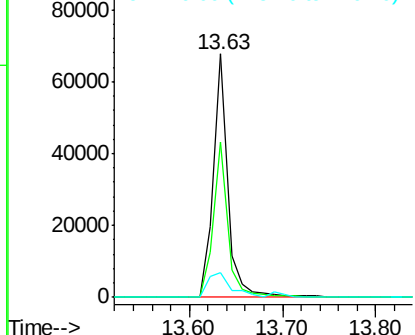
#81
 3,3'-Dichlorobenzidine
 Concen: 27.24 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tgt Ion:252 Resp: 73974
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.5 78.7
 126 10.2 7.4 11.2

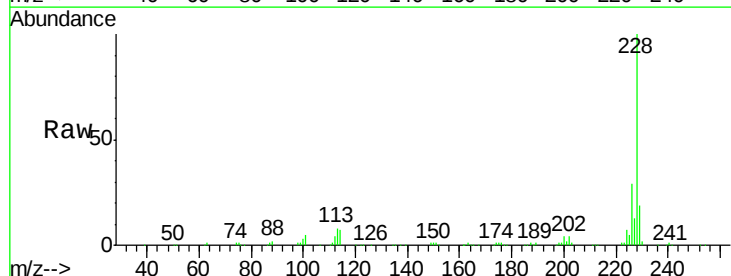


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

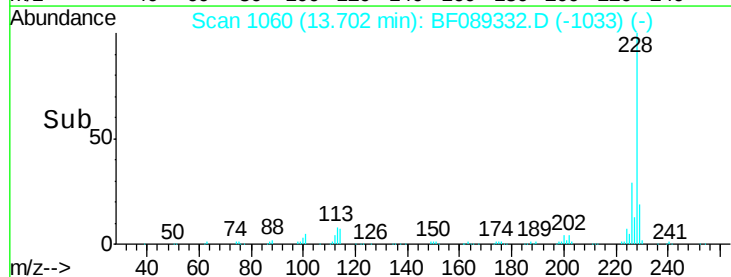
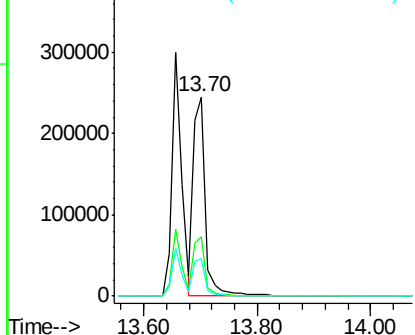


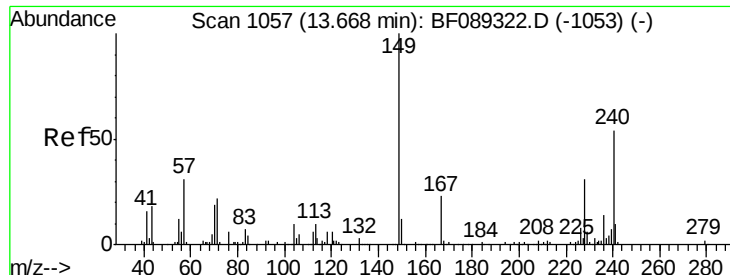
#82
 Chrysene
 Concen: 45.60 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:228 Resp: 366391
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.2 36.2
 229 19.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.49 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

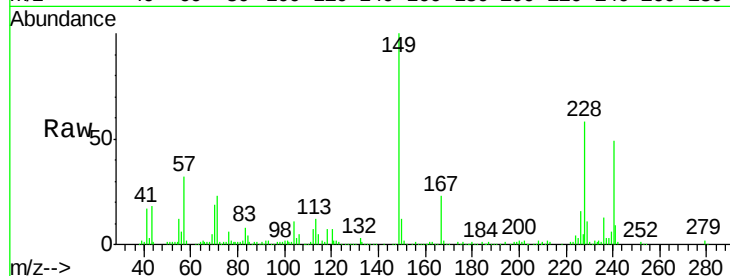
Tgt Ion:149 Resp: 309721

Ion Ratio Lower Upper

149 100

167 23.4 18.8 28.2

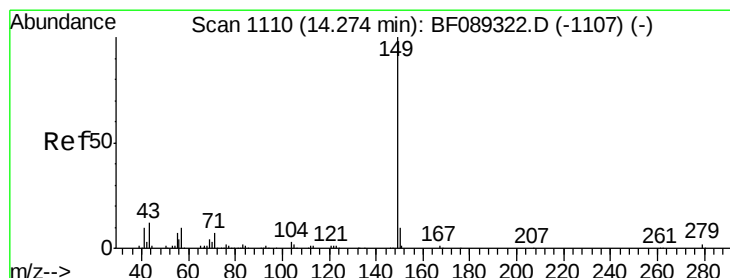
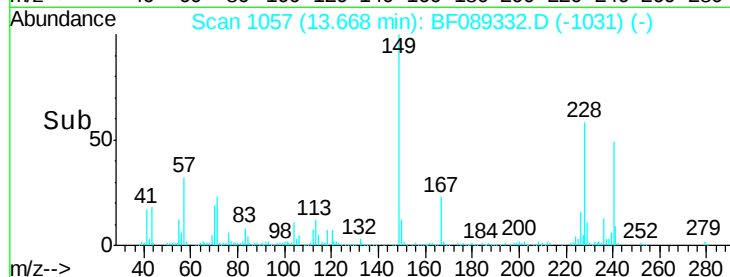
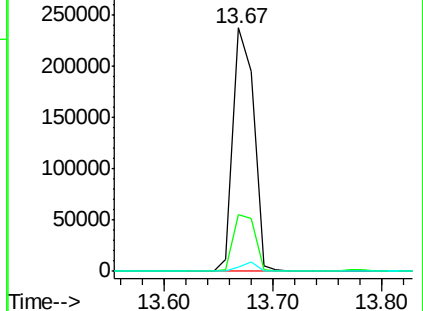
279 1.7 1.4 2.0



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: 50.96 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

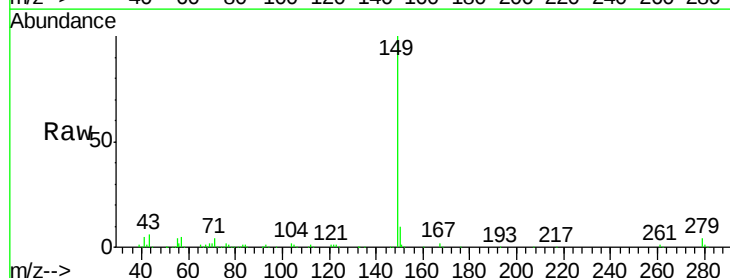
Tgt Ion:149 Resp: 529730

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

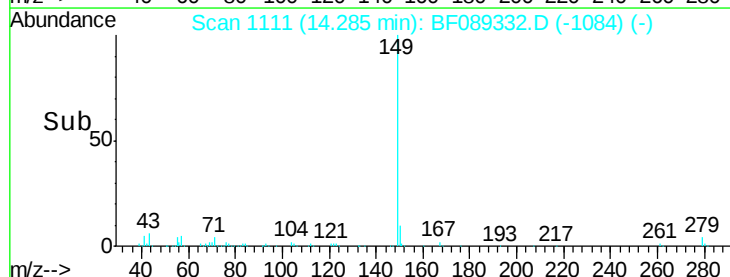
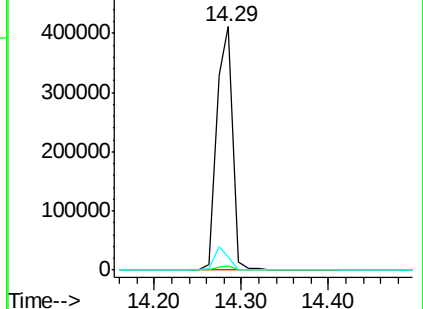
43 8.7 7.3 10.9

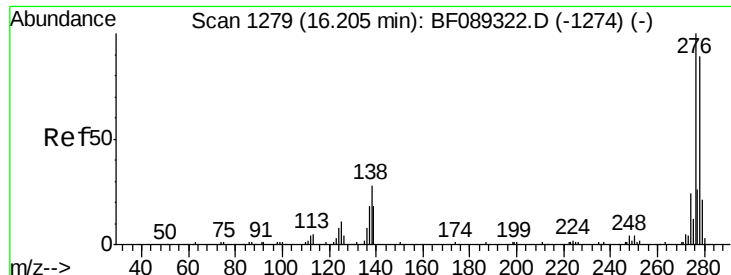


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

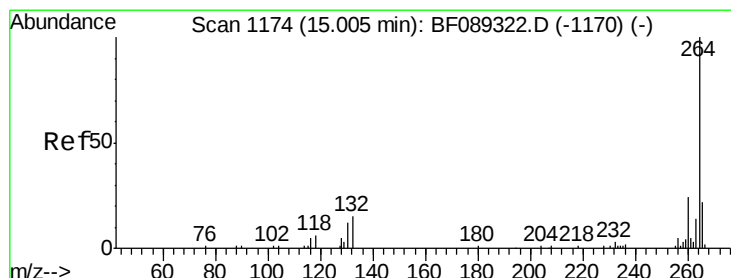
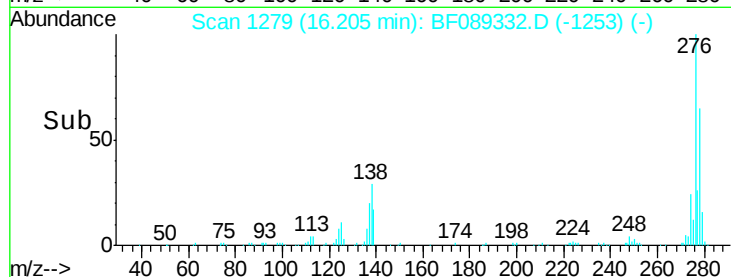
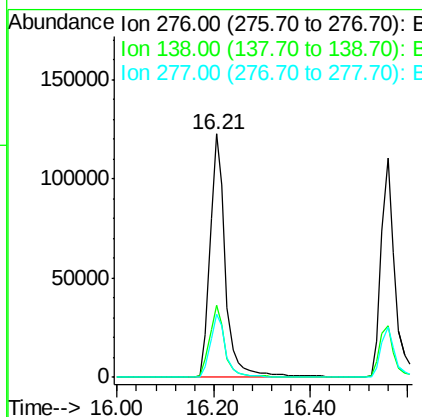
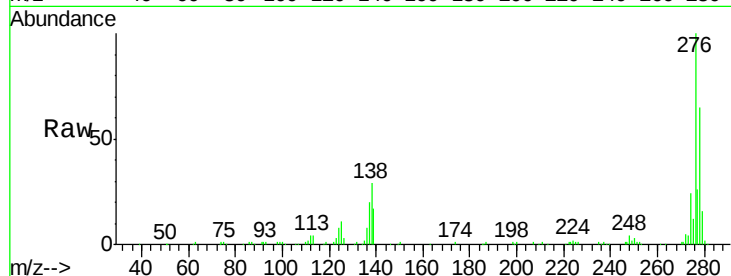




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.71 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

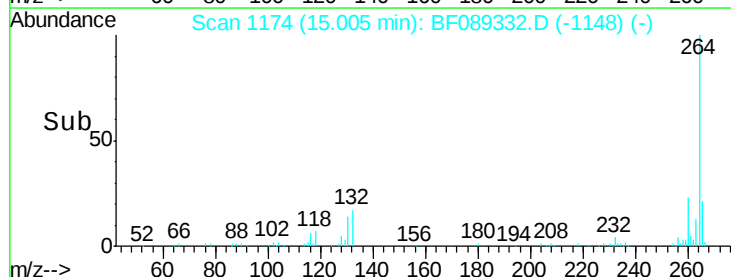
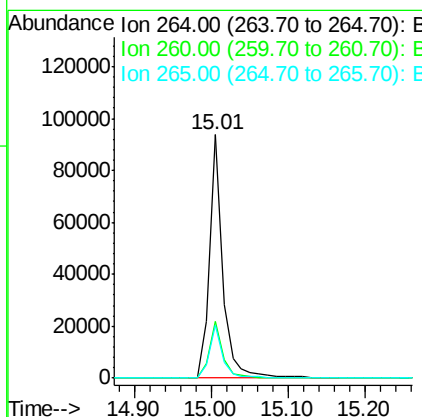
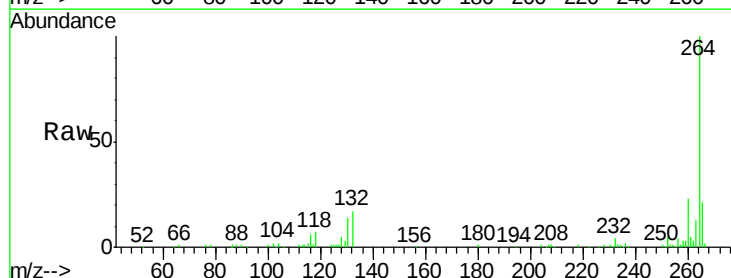
Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

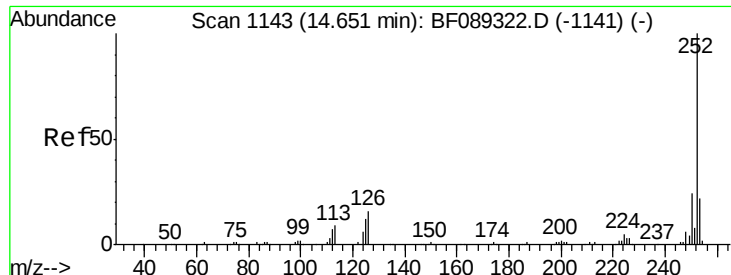
Tgt Ion: 276 Resp: 278232
 Ion Ratio Lower Upper
 276 100
 138 29.2 23.0 34.4
 277 25.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion: 264 Resp: 111913
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.5 17.5 26.3

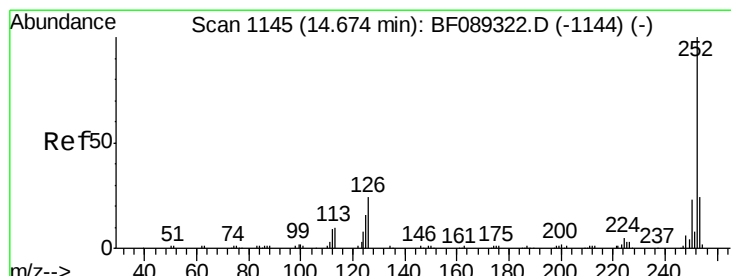
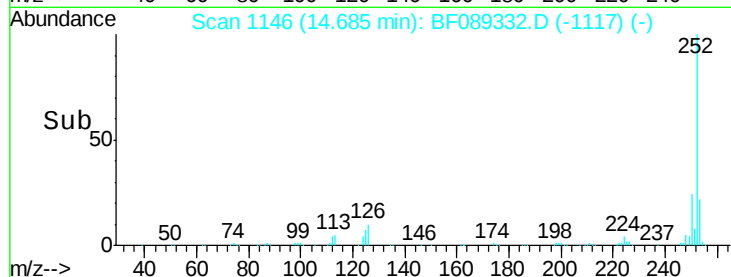
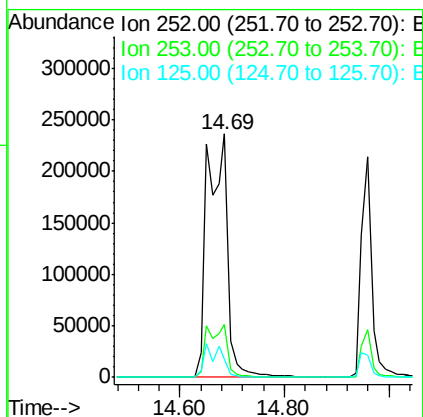
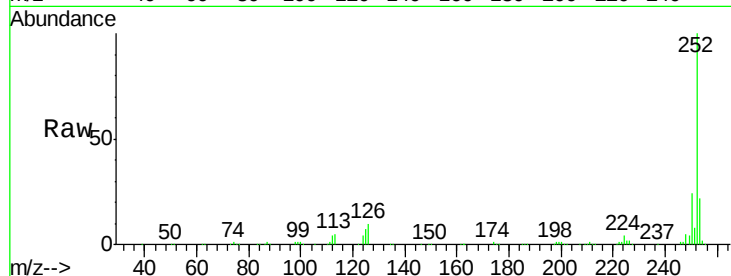




#87
Benzo(b)fluoranthene
Concen: 92.24 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.03 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

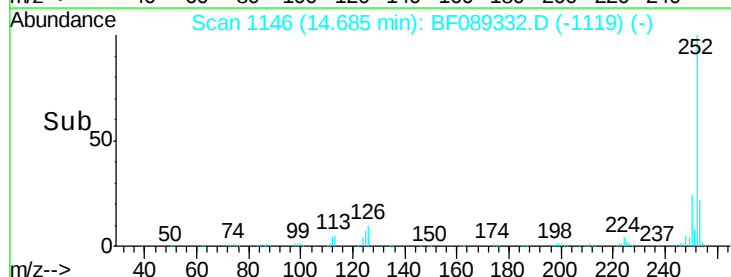
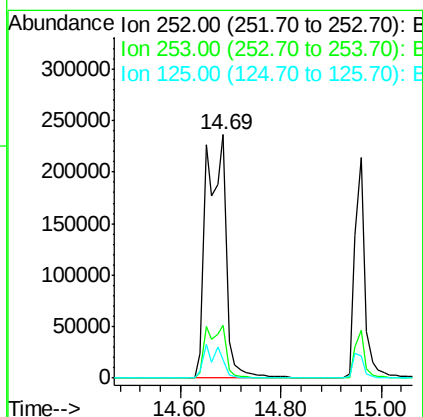
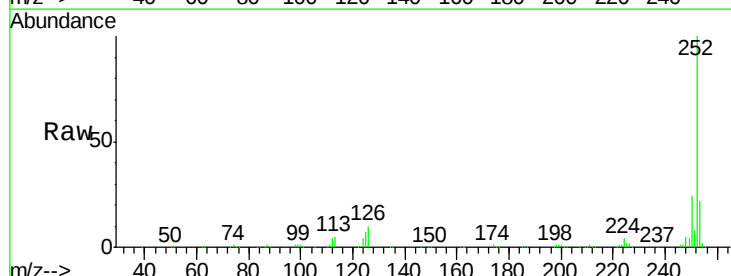
Instrument :
BNA_F
ClientSampleId :
PB92412BS

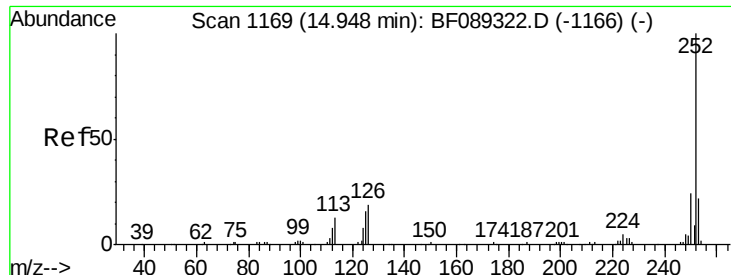
Tgt Ion:252 Resp: 641074
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 7.4 9.7 14.5#



#88
Benzo(k)fluoranthene
Concen: 100.38 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:252 Resp: 641424
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.4 10.7 16.1#

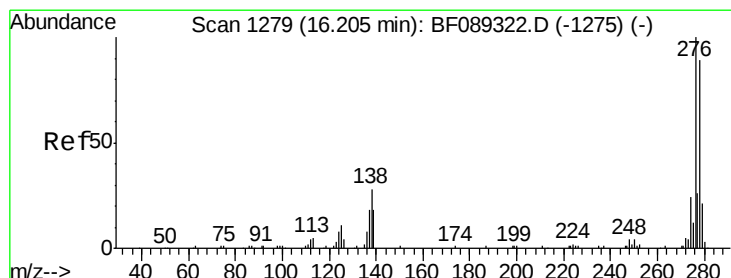
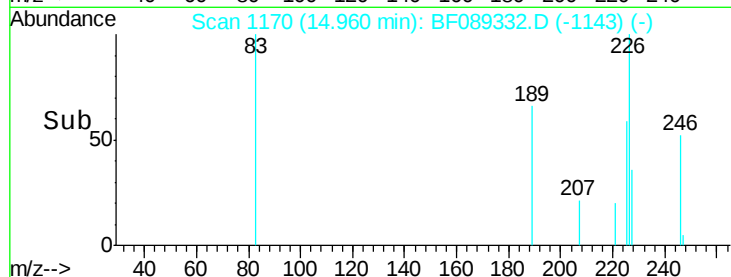
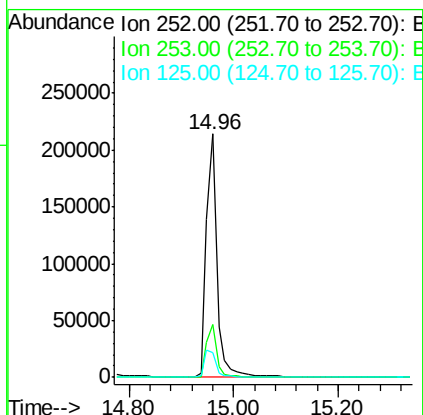
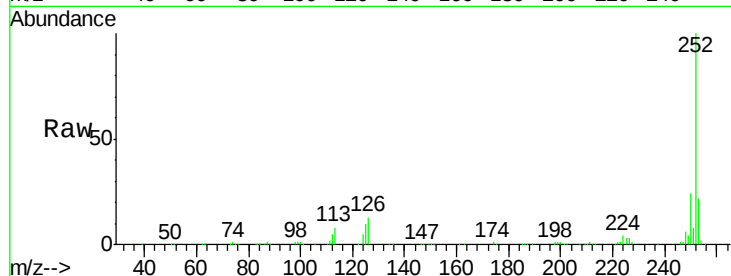




#89
Benzo(a)pyrene
Concen: 48.36 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

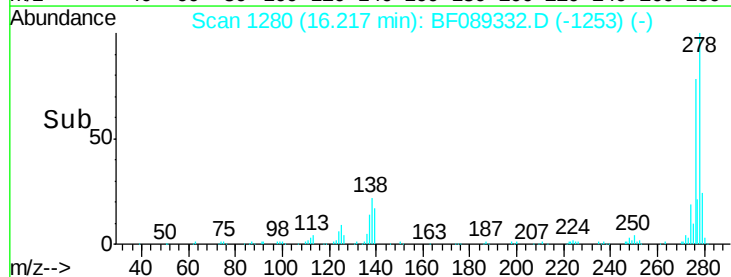
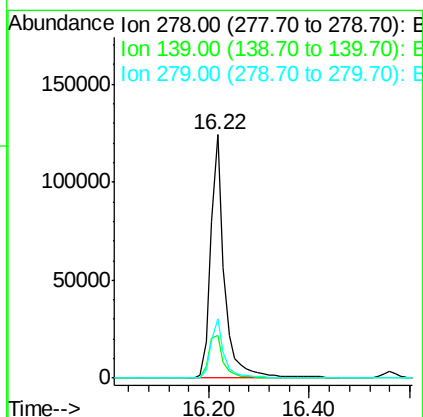
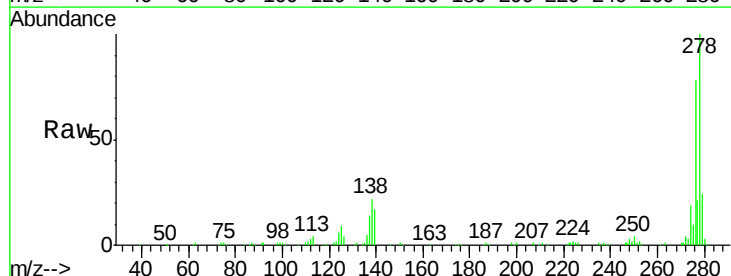
Instrument :
BNA_F
ClientSampleId :
PB92412BS

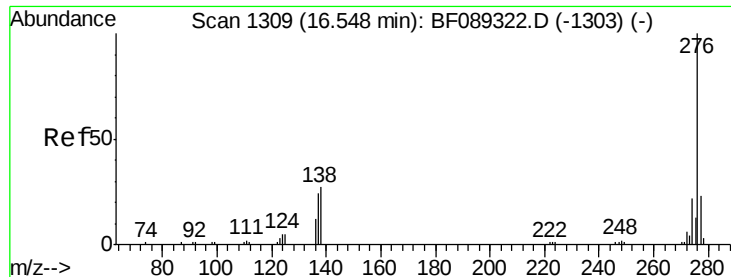
Tgt Ion: 252 Resp: 301531
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.0 12.4 18.6#



#90
Dibenzo(a,h)anthracene
Concen: 47.74 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion: 278 Resp: 234445
Ion Ratio Lower Upper
278 100
139 17.3 16.3 24.5
279 24.2 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 46.33 ng

RT: 16.56 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

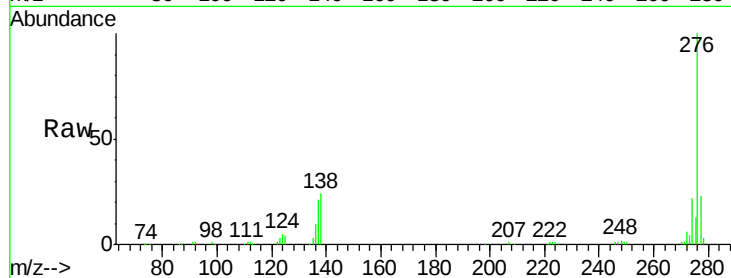
Tgt Ion: 276 Resp: 223673

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 23.8 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

