

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089727.D
 Acq On : 16 Aug 2016 16:23
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 18:36:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	606591	20.00	ng	0.16
21) Naphthalene-d8	7.99	136	2682972	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1240629	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2239918	20.00	ng	0.00
75) Chrysene-d12	13.89	240	1911193	20.00	ng	-0.01
86) Perylene-d12	15.39	264	1617990	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	839542	11.08	ng	-0.01
7) Phenol-d6	6.32	99	982122	10.39	ng	-0.01
23) Nitrobenzene-d5	7.26	82	823015	9.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	258730	10.50	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1689222	11.87	ng	-0.01
78) Terphenyl-d14	12.80	244	1648333	12.29	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	204064	10.36	ng	91
3) Pyridine	2.84	79	542090	11.05	ng	97
4) n-Nitrosodimethylamine	2.79	42	189935	9.24	ng	91
6) Aniline	6.35	93	718877	11.01	ng	99
8) 2-Chlorophenol	6.48	128	472737	11.31	ng	# 82
9) Benzaldehyde	6.24	77	340862	10.67	ng	82
10) Phenol	6.33	94	563940	9.93	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	492540	11.86	ng	100
12) 1,3-Dichlorobenzene	6.87	146	503709	11.13	ng	99
13) 1,4-Dichlorobenzene	6.87	146	503709	11.06	ng	99
14) 1,2-Dichlorobenzene	6.87	146	503709	11.57	ng	# 95
15) Benzyl Alcohol	6.96	79	232446	6.85	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	6.98	45	635617	11.99	ng	99
17) 2-Methylphenol	6.96	107	378026	10.85	ng	94
18) Hexachloroethane	7.21	117	180051	10.56	ng	# 78
19) n-Nitroso-di-n-propylamine	7.26	70	111147	3.61	ng	# 82
20) 3+4-Methylphenols	7.11	107	489464	11.42	ng	99
22) Acetophenone	7.11	105	679134	10.61	ng	# 98
24) Nitrobenzene	7.28	77	552133	11.62	ng	97
25) Isophorone	7.52	82	867780	9.80	ng	98
26) 2-Nitrophenol	7.60	139	225300	10.23	ng	# 77
27) 2,4-Dimethylphenol	7.64	122	474214	10.82	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	567659	10.09	ng	98
29) 2,4-Dichlorophenol	7.84	162	399332	10.72	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	433750	11.06	ng	97
31) Naphthalene	8.01	128	1374287	11.38	ng	98
32) Benzoic acid	7.72	122	276713	9.85	ng	98
33) 4-Chloroaniline	8.06	127	611860	10.60	ng	# 91
34) Hexachlorobutadiene	8.14	225	228605	11.43	ng	99
35) Caprolactam	8.39	113	113176	9.84	ng	# 81
36) 4-Chloro-3-methylphenol	8.54	107	433426	11.17	ng	94
37) 2-Methylnaphthalene	8.80	142	900811	10.81	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	477192	13.75	ng	97
40) Hexachlorocyclopentadiene	8.86	237	178955	9.34	ng	99

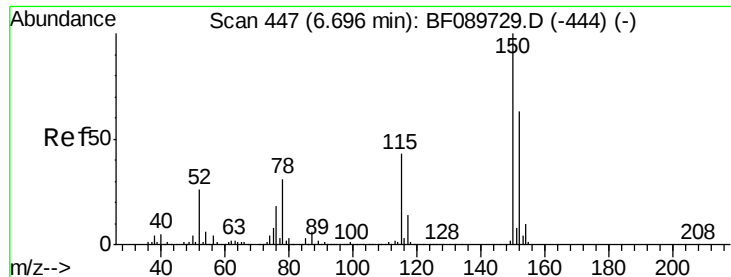
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089727.D
 Acq On : 16 Aug 2016 16:23
 Operator : UM/SJ
 Sample : SSTDICC010
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Quant Time: Aug 16 18:36:01 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	251925	10.12	nq	95
43) 2,4,5-Trichlorophenol	9.00	196	248930	10.50	nq #	83
45) 1,1'-Biphenyl	9.16	154	1190188	11.58	nq	96
46) 2-Chloronaphthalene	9.19	162	849012	11.39	nq #	91
47) 2-Nitroaniline	9.28	65	246145	10.21	nq #	74
48) Acenaphthylene	9.60	152	1403398	11.96	nq	98
49) Dimethylphthalate	9.46	163	949101	10.92	nq	99
50) 2,6-Dinitrotoluene	9.52	165	201613	10.47	nq #	76
51) Acenaphthene	9.77	154	915170	11.92	nq	99
52) 3-Nitroaniline	9.68	138	222497	8.91	nq	86
53) 2,4-Dinitrophenol	9.78	184	56974	8.32	nq #	48
54) Dibenzofuran	9.94	168	1157293	10.63	nq	92
55) 4-Nitrophenol	9.84	139	195700	10.25	nq	92
56) 2,4-Dinitrotoluene	9.92	165	295956	11.90	nq #	84
57) Fluorene	10.28	166	959816	12.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	216612	10.58	nq	99
59) Diethylphthalate	10.17	149	1091747	12.29	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	455094	13.20	nq	91
61) 4-Nitroaniline	10.28	138	232104	10.52	nq	93
62) Azobenzene	10.43	77	907530	9.42	nq	90
64) 4,6-Dinitro-2-methylphenol	10.32	198	107114	8.92	nq	96
65) n-Nitrosodiphenylamine	10.40	169	825000	11.40	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	245657	10.71	nq #	70
67) Hexachlorobenzene	10.82	284	281768	10.95	nq #	69
68) Atrazine	10.92	200	249545	11.73	nq	97
69) Pentachlorophenol	11.02	266	170200	10.97	nq	98
70) Phenanthrene	11.23	178	1389797	12.51	nq	99
71) Anthracene	11.29	178	1369002	11.77	nq	97
72) Carbazole	11.44	167	1325060	11.96	nq	99
73) Di-n-butylphthalate	11.79	149	1625824	12.72	nq	99
74) Fluoranthene	12.41	202	1319988	11.24	nq	93
76) Benzidine	12.55	184	733894	11.21	nq	99
77) Pyrene	12.64	202	1420160	11.59	nq	99
79) Butylbenzylphthalate	13.30	149	610216	10.90	nq	98
80) Benzo(a)anthracene	13.87	228	1208259	11.01	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	417505	10.37	nq #	95
82) Chrysene	13.92	228	1186649	12.04	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	902582	11.47	nq #	99
84) Di-n-octyl phthalate	14.59	149	1270156	10.72	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	813810	9.64	nq	97
87) Benzo(b)fluoranthene	14.99	252	1138209	11.37	nq	99
88) Benzo(k)fluoranthene	14.99	252	1138209	14.21	nq	99
89) Benzo(a)pyrene	15.34	252	944195	11.24	nq #	95
90) Dibenzo(a,h)anthracene	16.72	278	682631	10.35	nq	97
91) Benzo(g,h,i)perylene	17.07	276	680218	10.17	nq	97

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

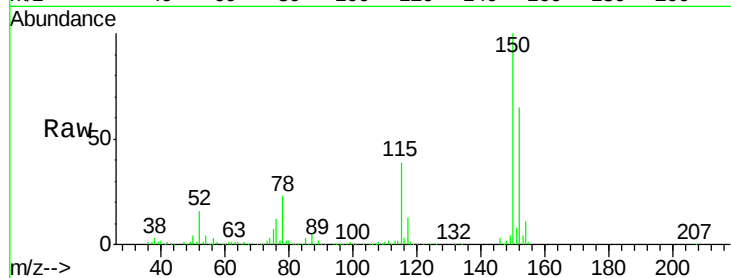


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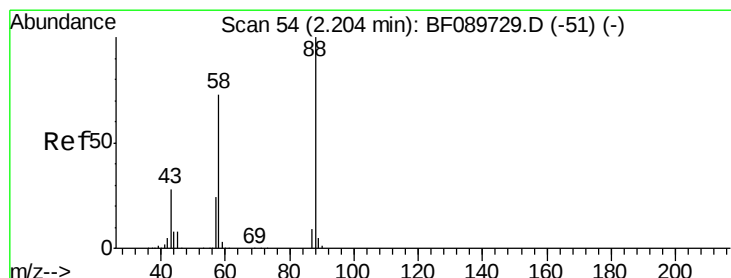
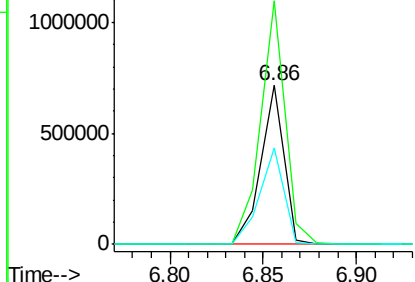
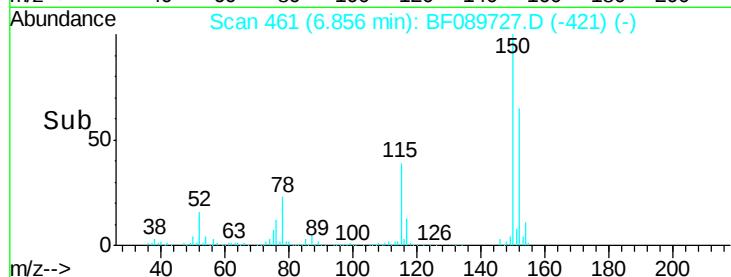
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.16 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 606591
Ion Ratio Lower Upper
152 100
150 153.4 125.3 187.9
115 60.5 40.9 61.3



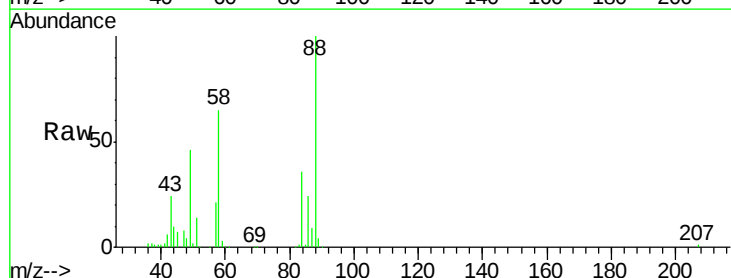
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



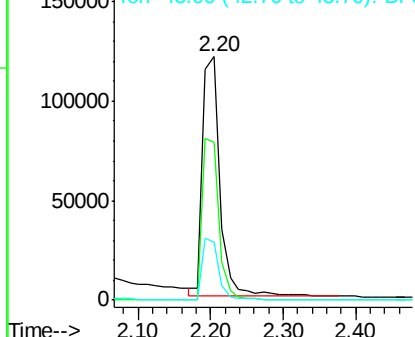
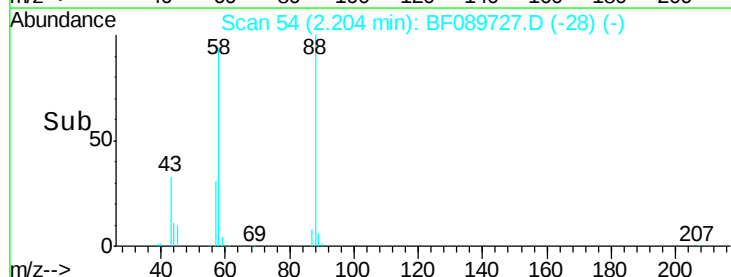
#2

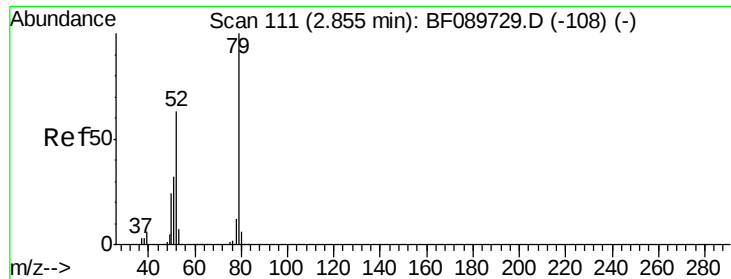
1,4-Dioxane
Concen: 10.36 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion: 88 Resp: 204064
Ion Ratio Lower Upper
88 100
58 63.1 57.0 85.4
43 24.3 21.8 32.8



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





#3

Pvridine

Concen: 11.05 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

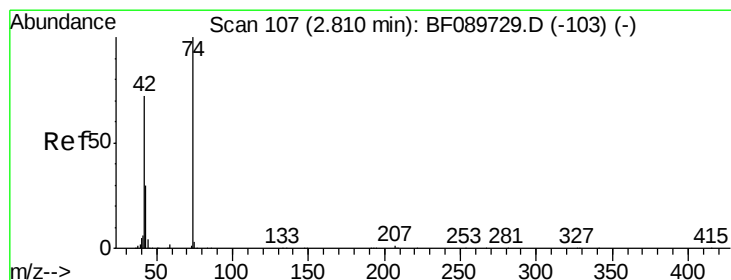
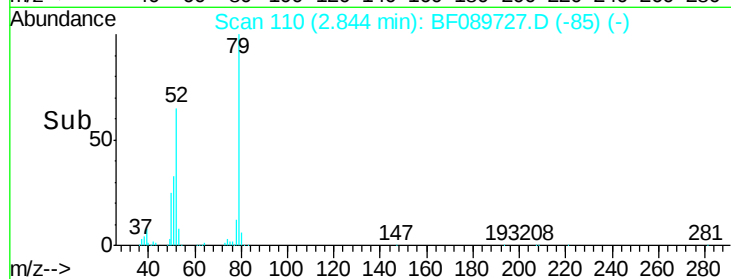
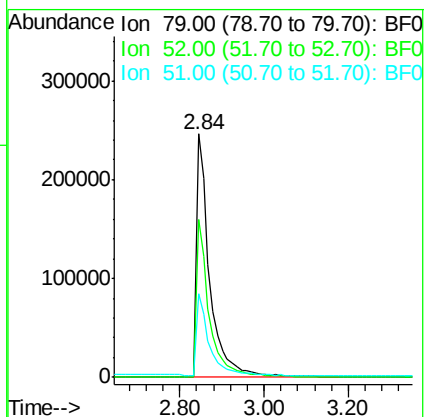
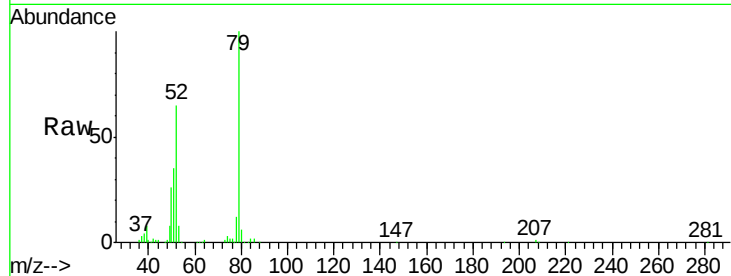
Tot Ion: 79 Resp: 542090

Ion Ratio Lower Upper

79 100

52 64.8 53.6 80.4

51 34.6 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 9.24 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.02 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

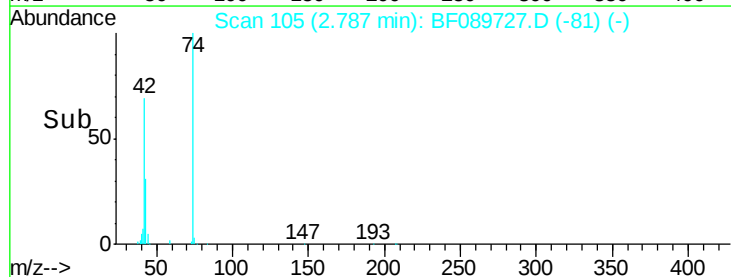
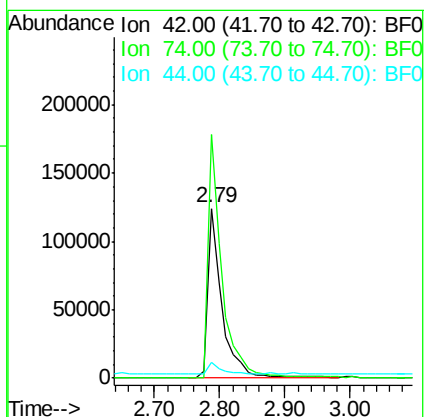
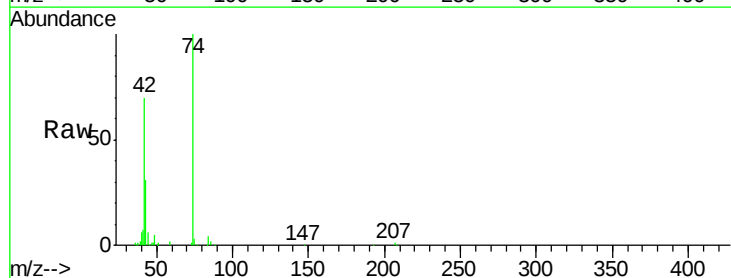
Tgt Ion: 42 Resp: 189935

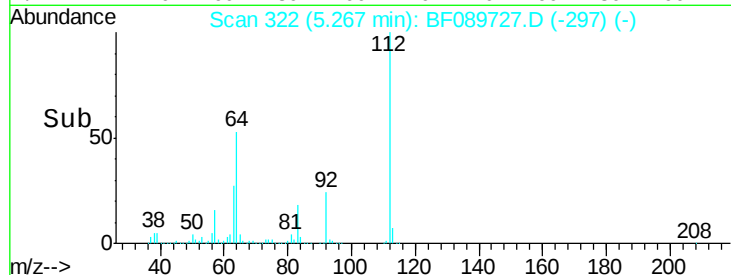
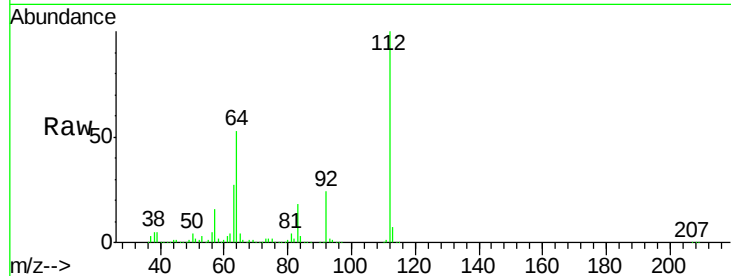
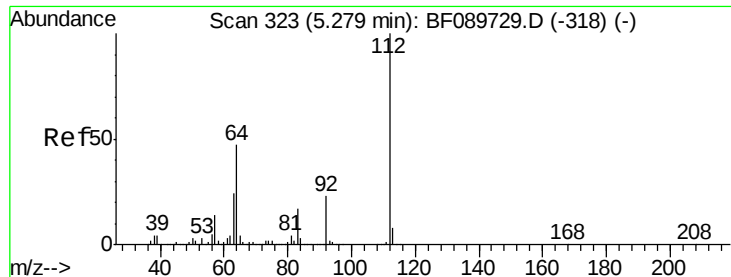
Ion Ratio Lower Upper

42 100

74 143.5 106.2 159.2

44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 11.08 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

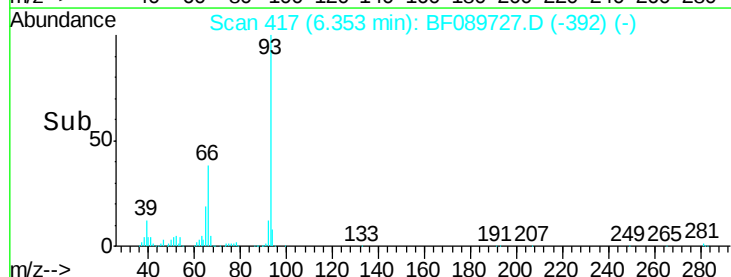
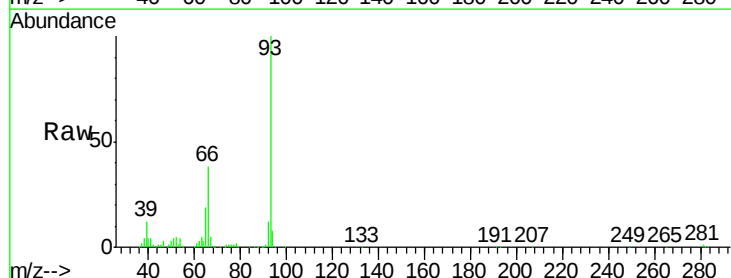
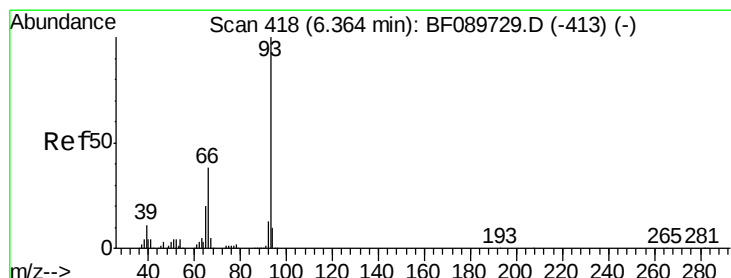
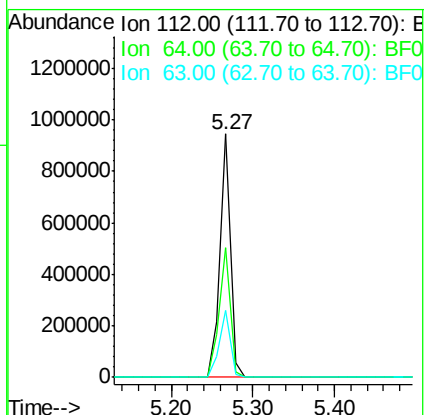
Tot Ion:112 Resp: 839542

Ion Ratio Lower Upper

112 100

64 53.1 45.0 67.4

63 27.3 23.1 34.7



#6

Aniline

Concen: 11.01 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

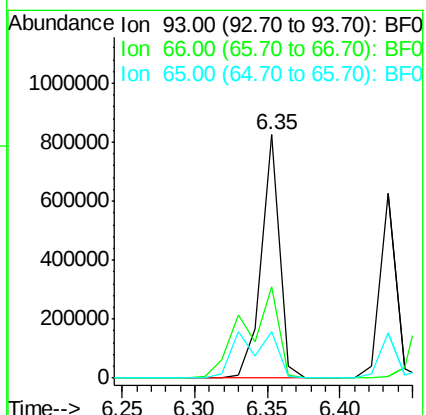
Tgt Ion: 93 Resp: 718877

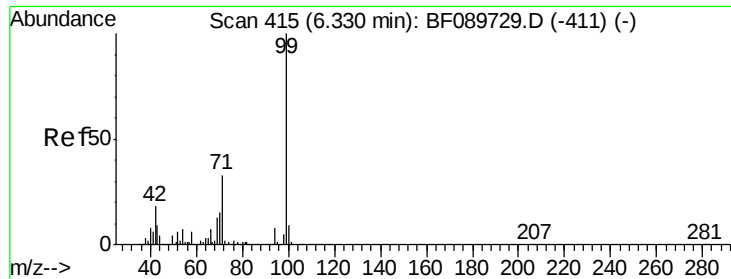
Ion Ratio Lower Upper

93 100

66 37.6 30.6 46.0

65 19.1 15.4 23.2





#7

Phenol-d6

Concen: 10.39 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

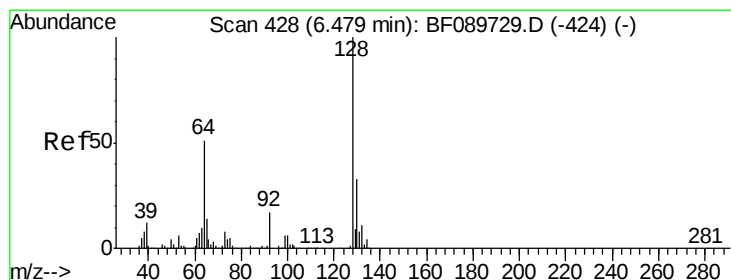
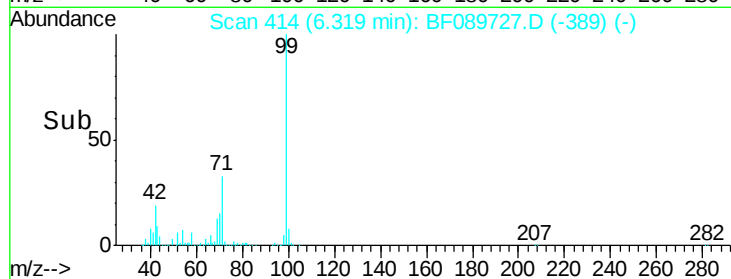
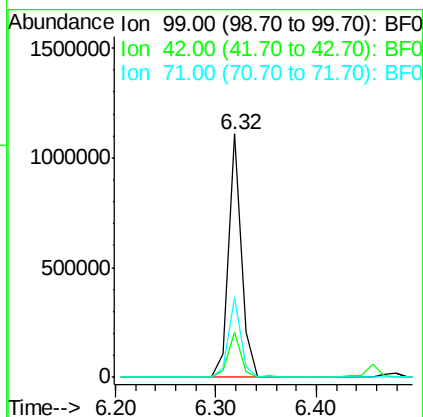
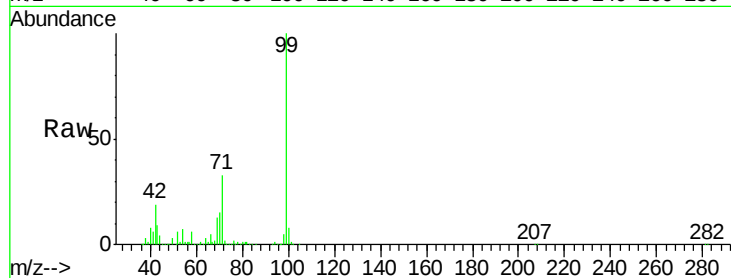
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 982122

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.2	18.4#
71	32.9	23.8	35.8



#8

2-Chlorophenol

Concen: 11.31 ng

RT: 6.48 min Scan# 428

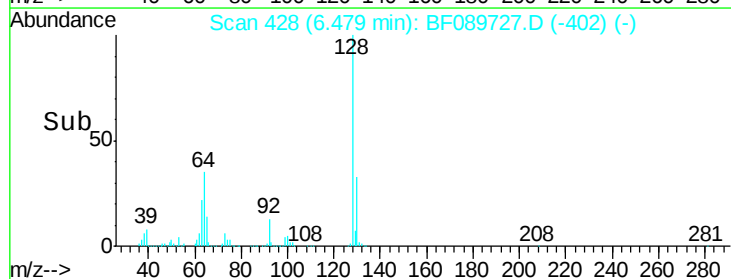
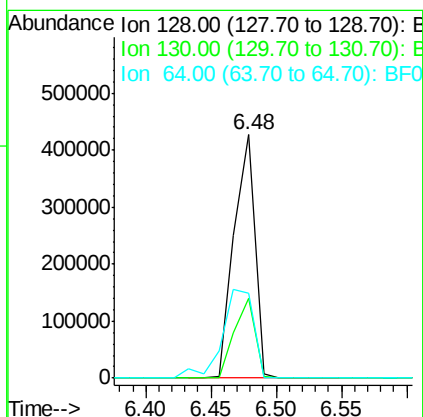
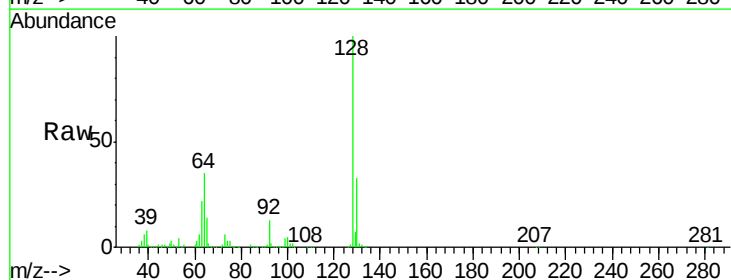
Delta R.T. 0.00 min

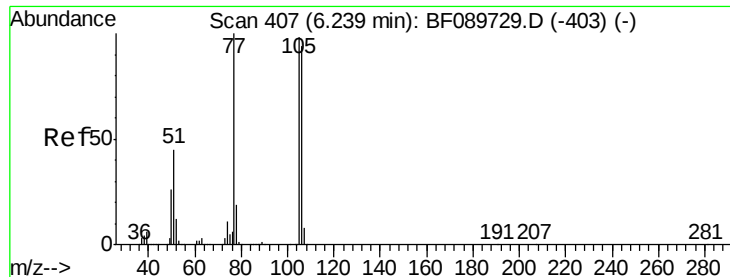
Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Tgt Ion: 128 Resp: 472737

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	35.0	35.1	75.1#





#9

Benzaldehyde

Concen: 10.67 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampled :

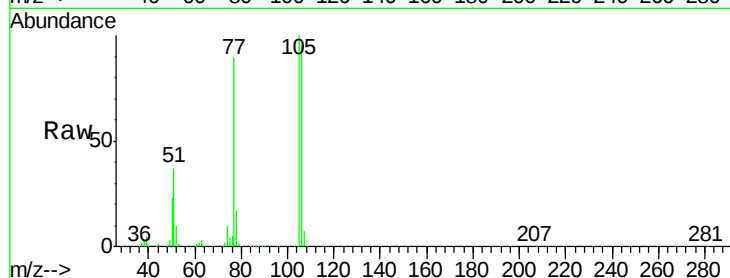
Tot Ion: 77 Resp: 340862

Ion Ratio Lower Upper

77 100

105 110.5 73.3 113.3

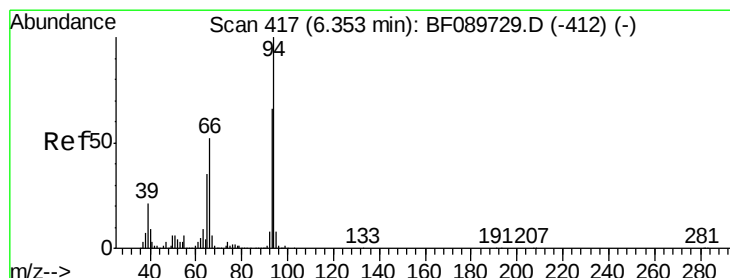
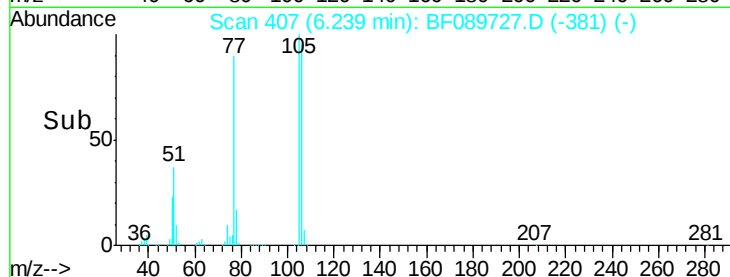
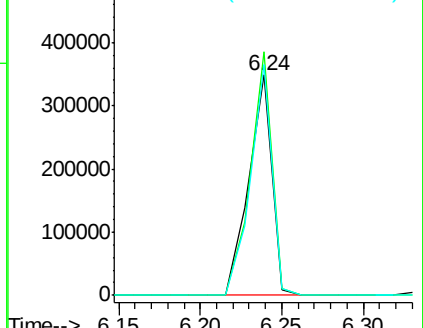
106 105.0 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 9.93 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

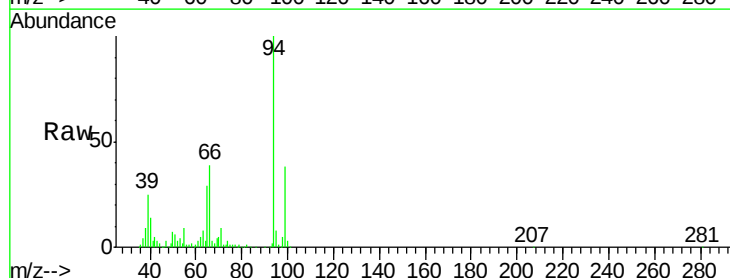
Tgt Ion: 94 Resp: 563940

Ion Ratio Lower Upper

94 100

65 29.3 14.0 54.0

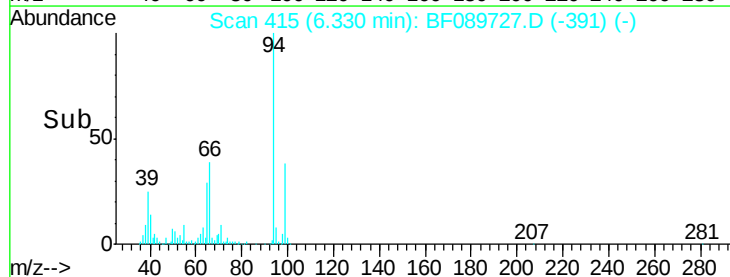
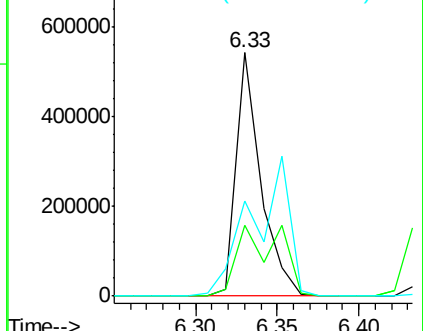
66 39.3 31.2 71.2

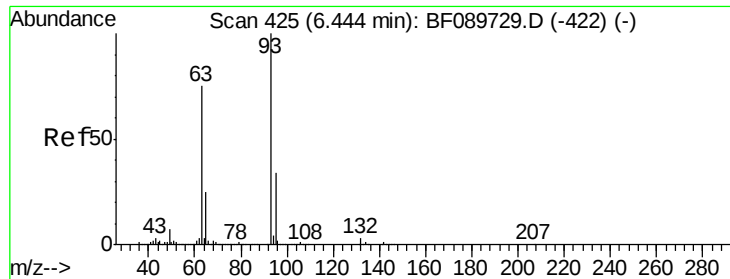


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

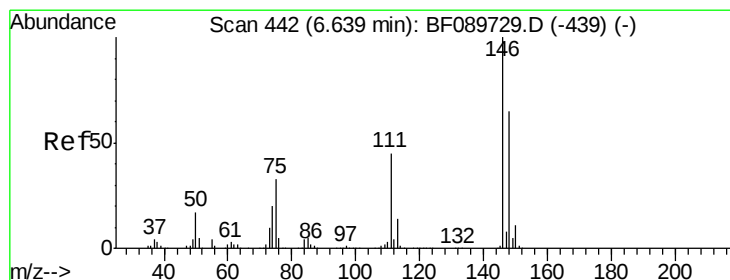
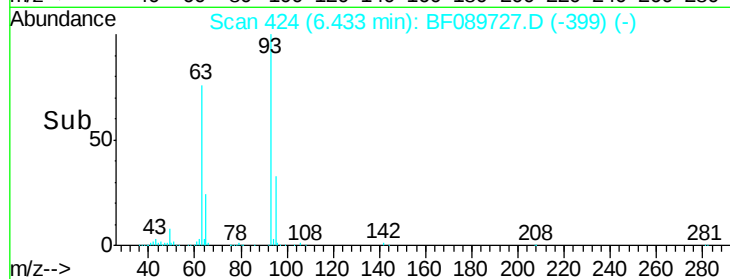
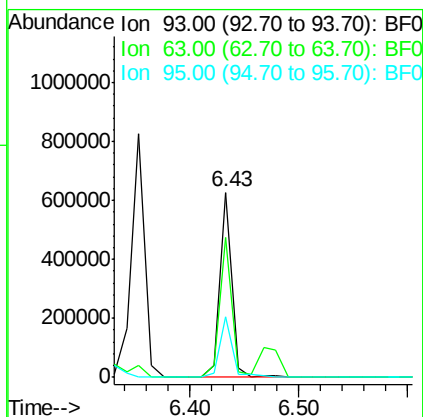
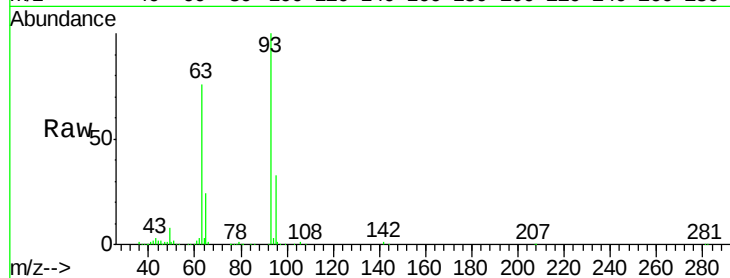




#11
bis(2-Chloroethyl)ether
Concen: 11.86 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

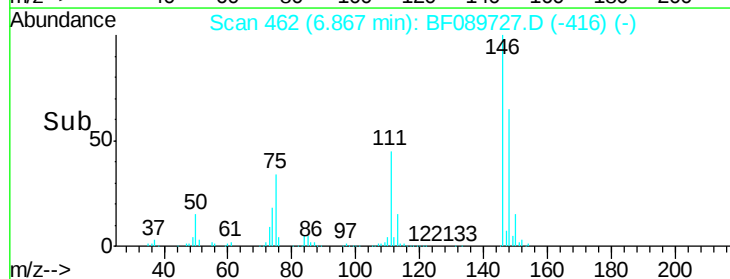
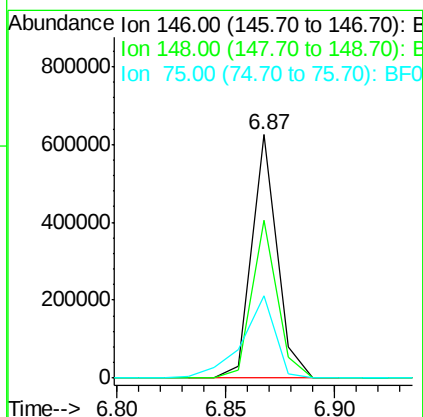
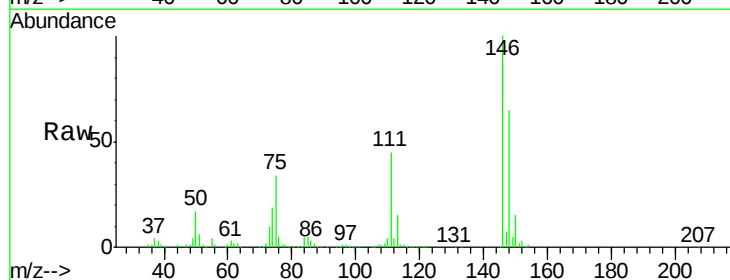
Instrument :
BNA_F
ClientSampleId :

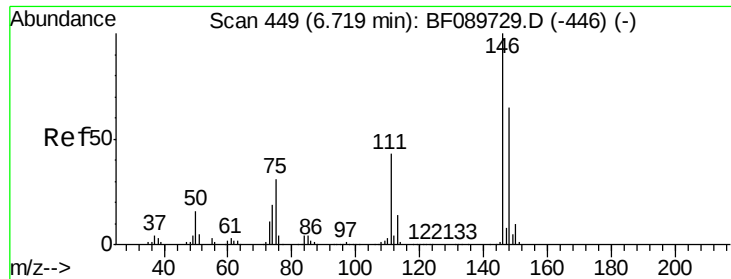
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.8	95.8
95	33.0	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 11.13 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.23 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
75	34.0	27.0	40.6

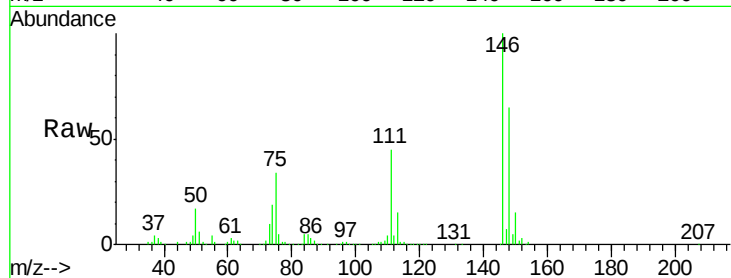




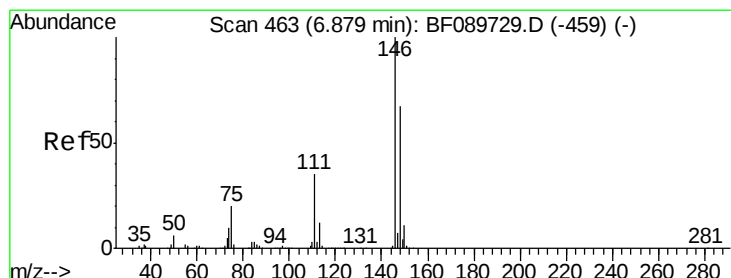
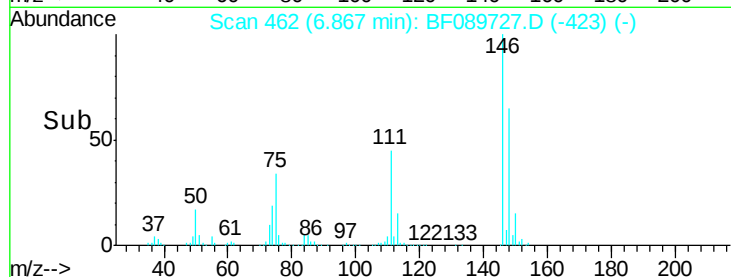
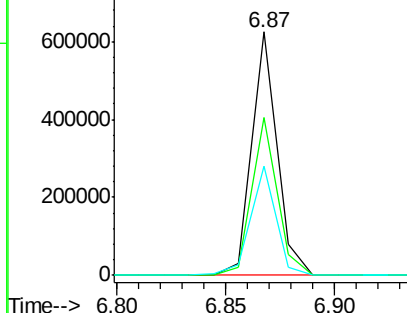
#13
 1,4-Dichlorobenzene
 Concen: 11.06 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.15 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 503709
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 44.7 34.6 52.0

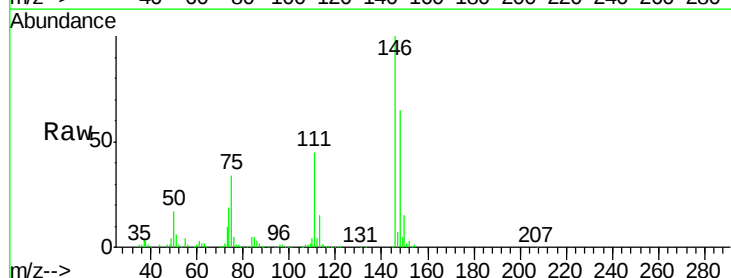


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

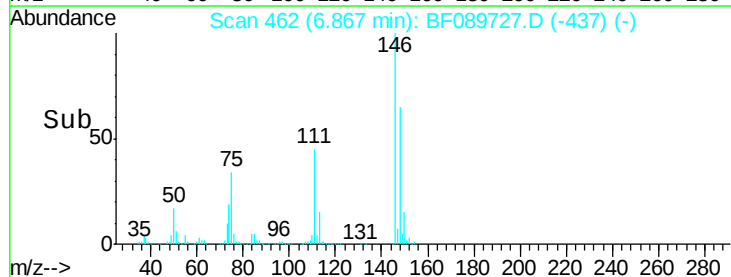
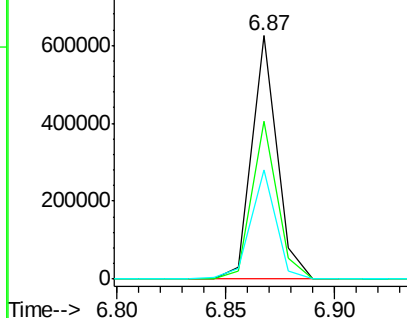


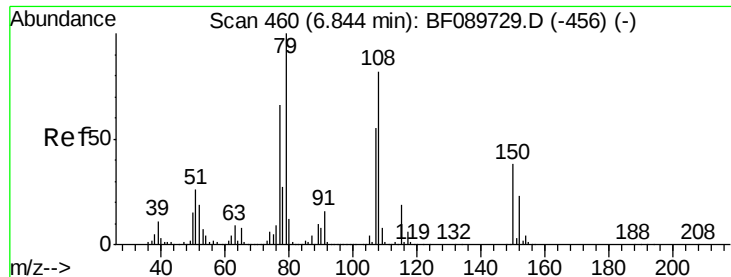
#14
 1,2-Dichlorobenzene
 Concen: 11.57 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion:146 Resp: 503709
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 44.7 29.8 44.6#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.85 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampled :

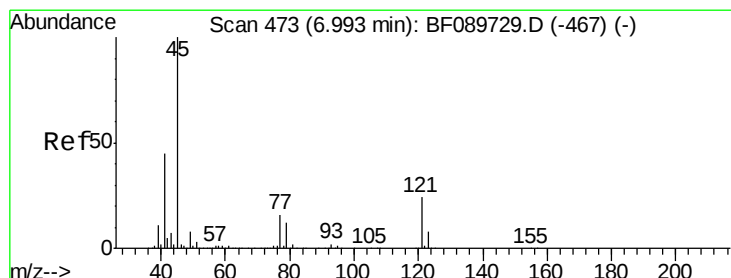
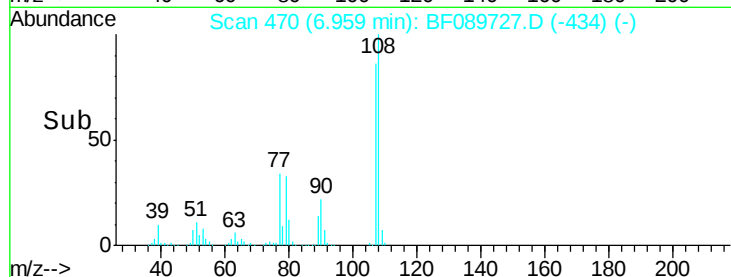
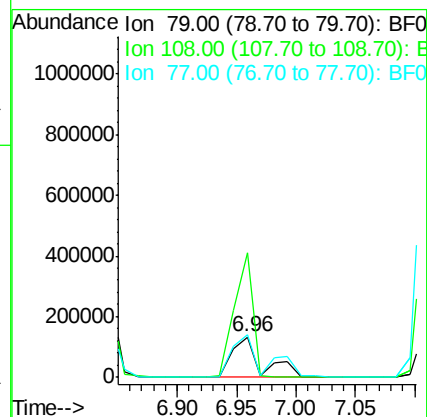
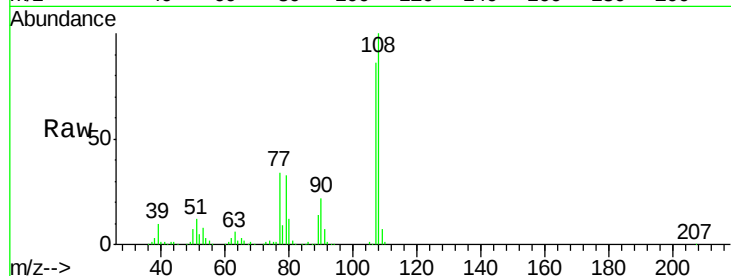
Tot Ion: 79 Resp: 232446

Ion Ratio Lower Upper

79 100

108 305.2 62.5 93.7#

77 103.7 51.5 77.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.99 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

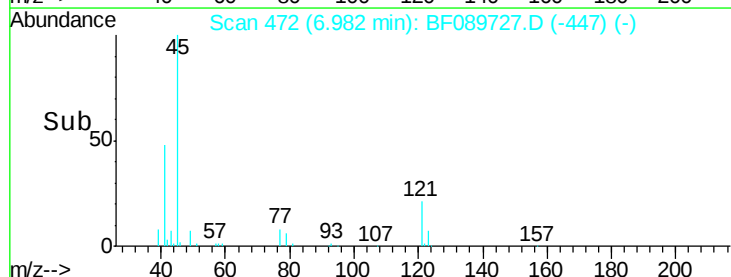
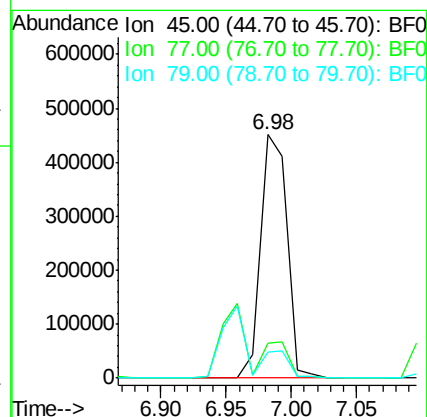
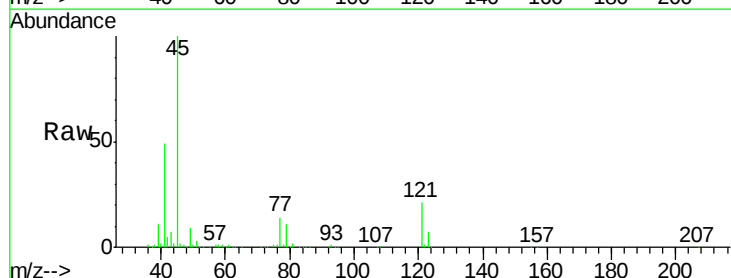
Tgt Ion: 45 Resp: 635617

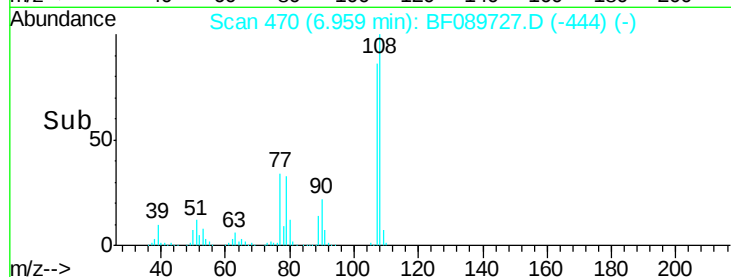
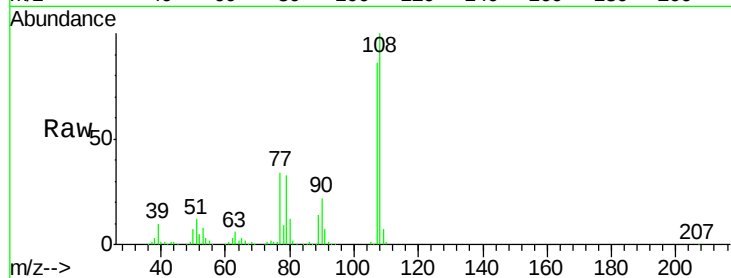
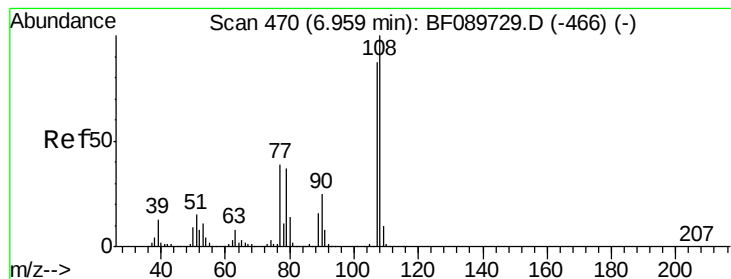
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.5

79 10.6 0.0 30.7





#17

2-Methylphenol

Concen: 10.85 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 378026

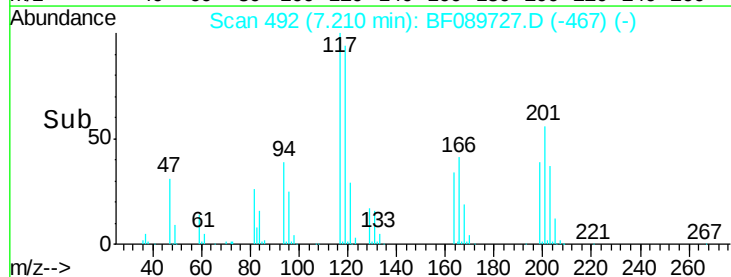
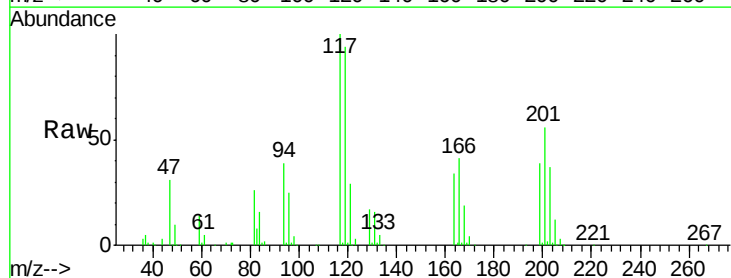
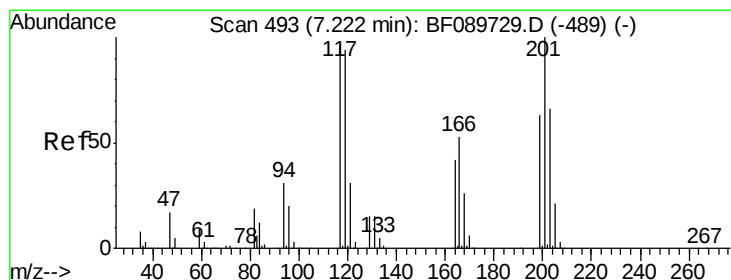
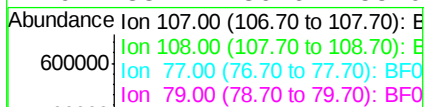
Ion Ratio Lower Upper

107 100

108 116.7 91.0 136.4

77 39.6 37.4 56.0

79 38.2 36.6 55.0



#18

Hexachloroethane

Concen: 10.56 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

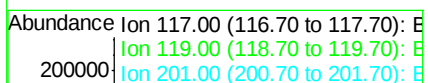
Tgt Ion:117 Resp: 180051

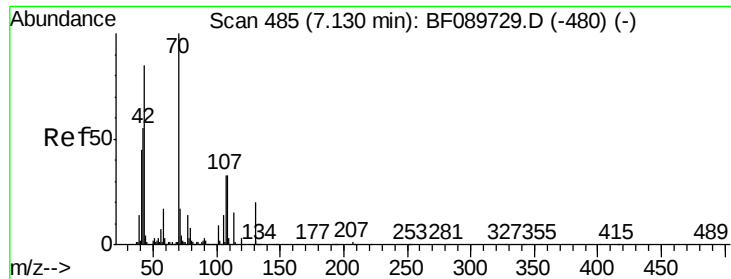
Ion Ratio Lower Upper

117 100

119 94.0 77.1 115.7

201 55.7 76.9 115.3#

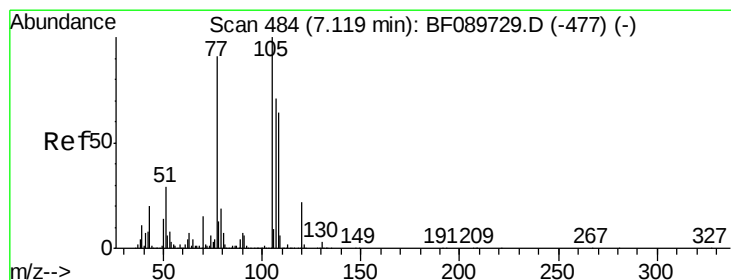
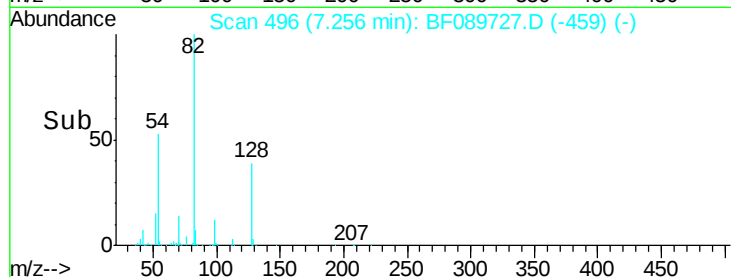
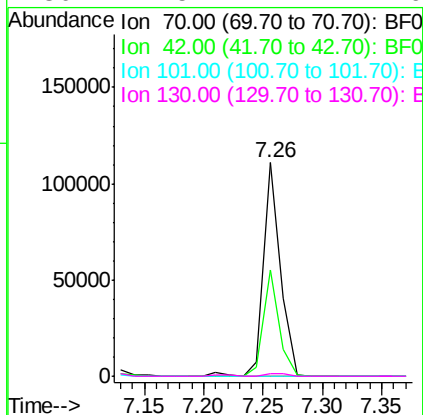
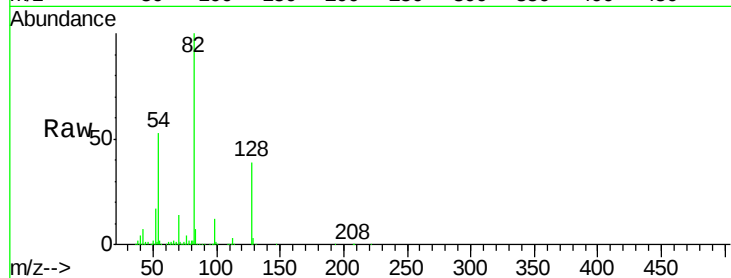




#19
 n-Nitroso-di-n-propylamine
 Concen: 3.61 ng
 RT: 7.26 min Scan# 496
 Delta R.T. 0.13 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

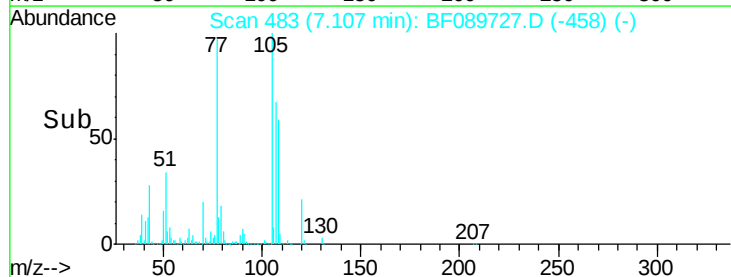
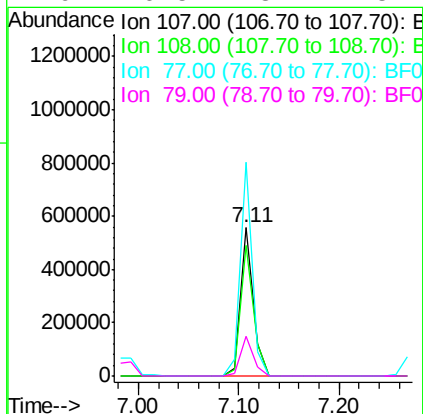
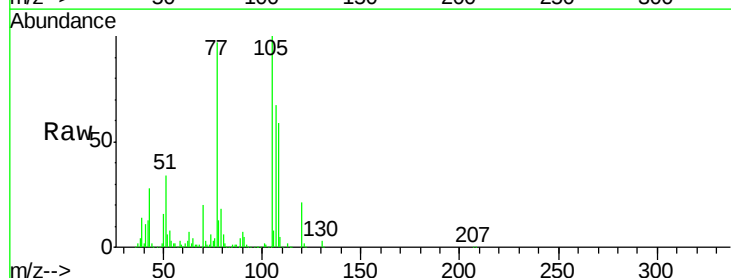
Instrument :
 BNA_F
 ClientSampleId :

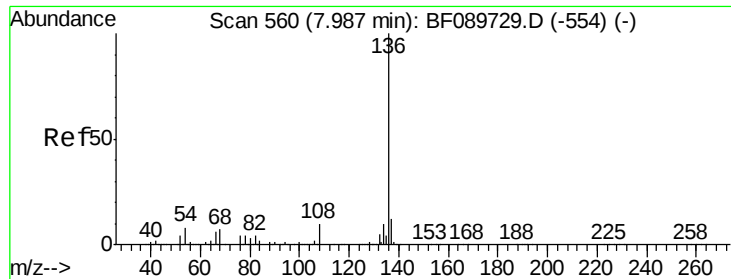
Tot Ion:	70	Resp:	111147
Ion	Ratio	Lower	Upper
70	100		
42	49.9	46.3	69.5
101	0.0	7.0	10.6#
130	1.5	14.4	21.6#



#20
 3+4-Methylphenols
 Concen: 11.42 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion:	107	Resp:	489464
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	144.2	122.3	162.3
79	26.5	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2682972

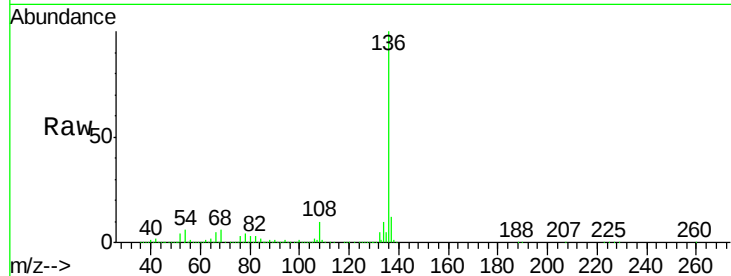
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 6.4 7.2 10.8#

68 5.6 5.8 8.8#

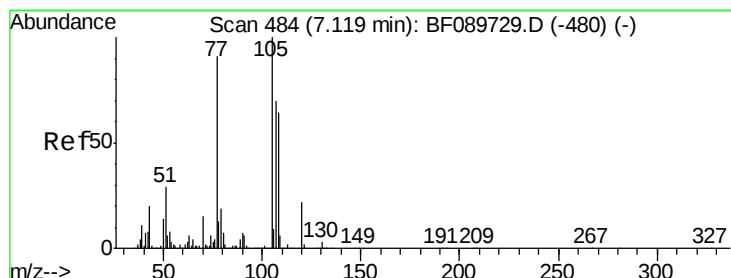
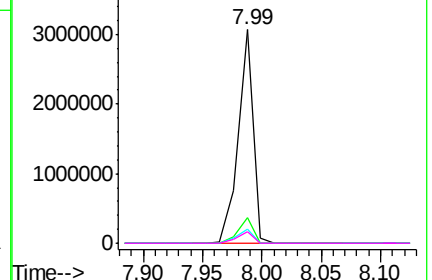
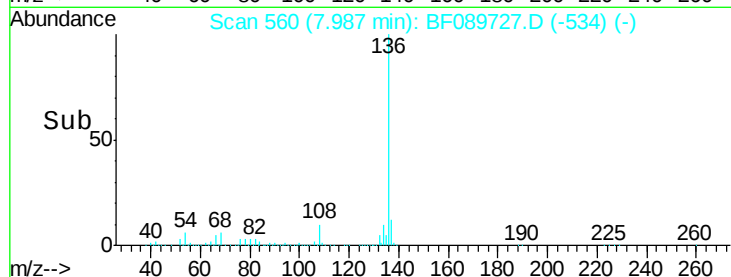


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.61 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Tgt Ion:105 Resp: 679134

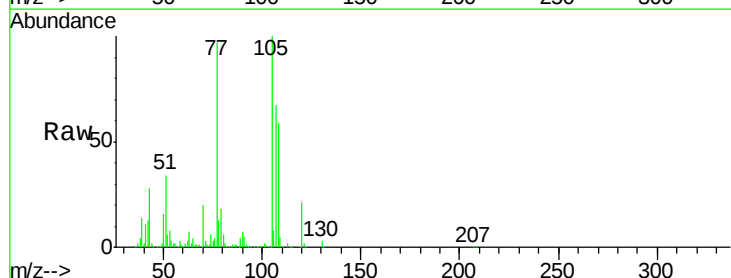
Ion Ratio Lower Upper

105 100

71 3.1 1.9 2.9#

51 33.8 28.5 42.7

120 20.7 16.6 25.0

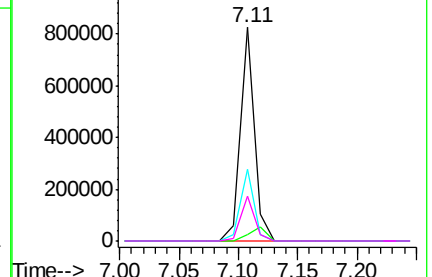
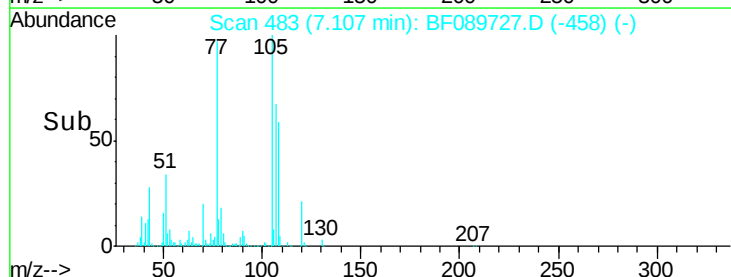


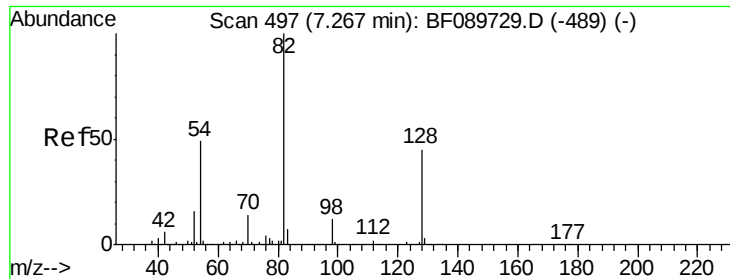
Abundance Ion 105.00 (104.70 to 105.70): E

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

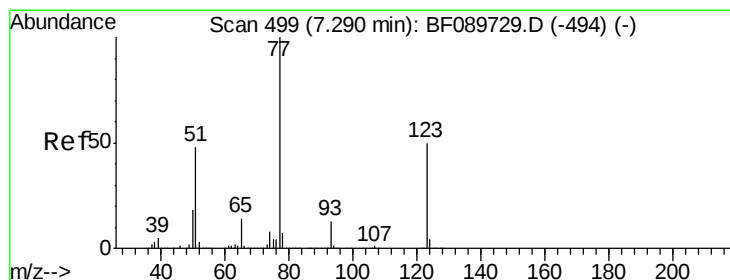
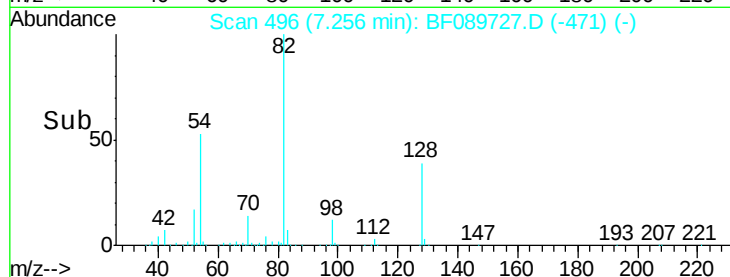
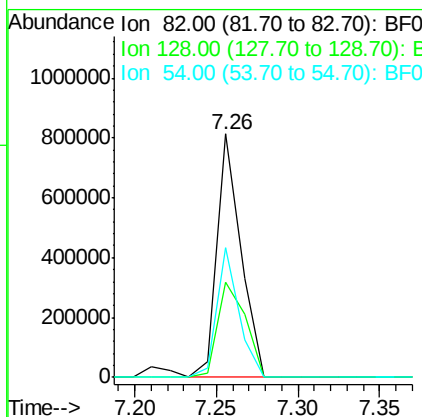
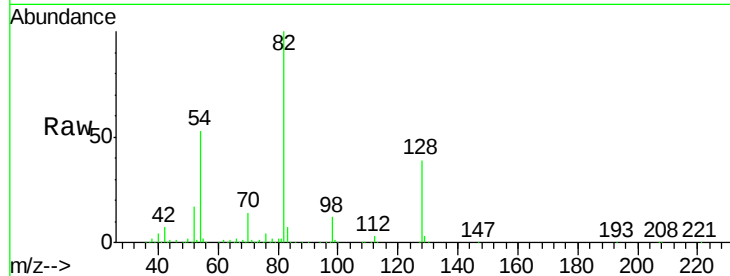




#23
 Nitrobenzene-d5
 Concen: 9.30 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

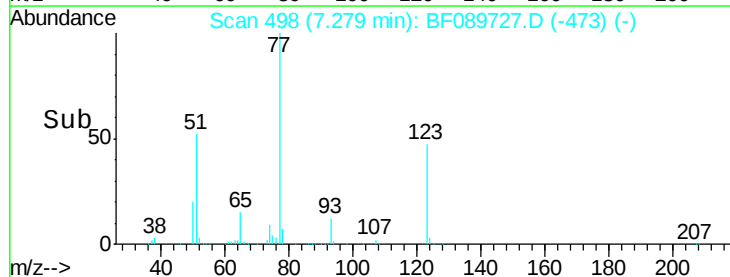
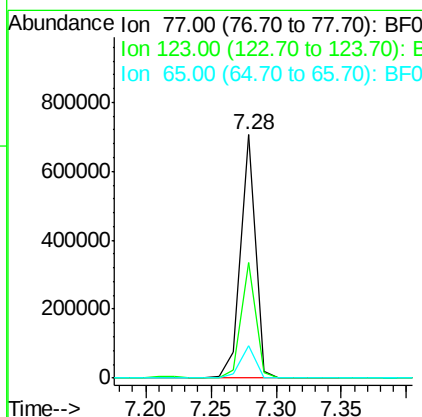
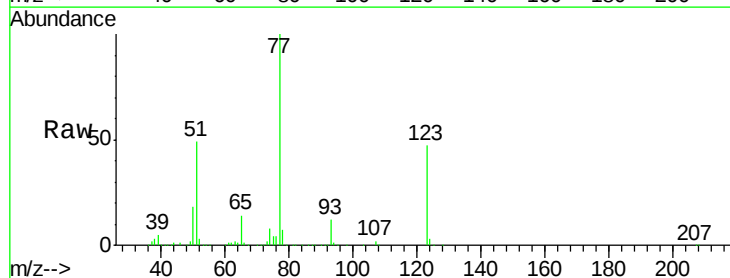
Instrument :
 BNA_F
 ClientSampled :

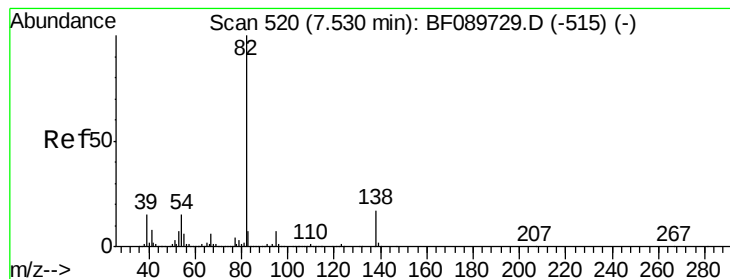
Tot Ion	82	Resp	823015
Ion Ratio	Lower	Upper	
82	100		
128	38.9	34.4	51.6
54	53.0	40.3	60.5



#24
 Nitrobenzene
 Concen: 11.62 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion	77	Resp	552133
Ion Ratio	Lower	Upper	
77	100		
123	47.4	36.2	54.2
65	13.5	10.6	15.8





#25

Isophorone

Concen: 9.80 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

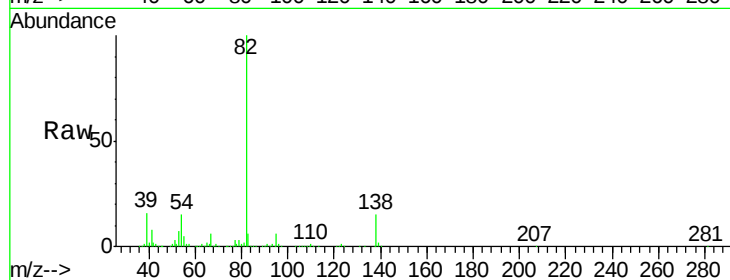
Tot Ion: 82 Resp: 867780

Ion Ratio Lower Upper

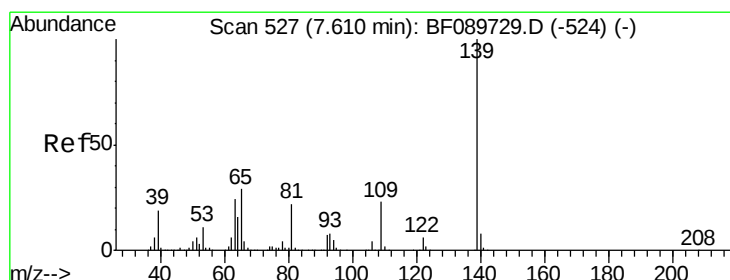
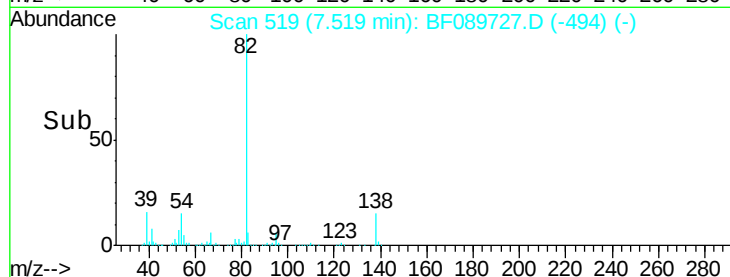
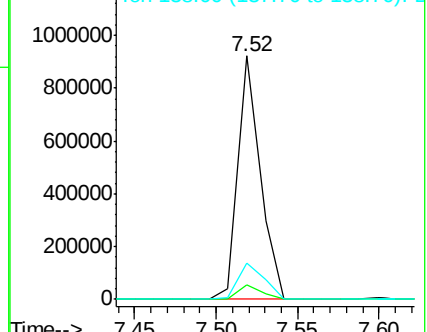
82 100

95 6.2 5.3 7.9

138 15.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 10.23 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

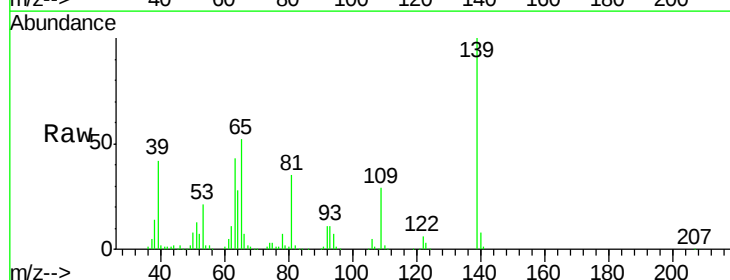
Tgt Ion: 139 Resp: 225300

Ion Ratio Lower Upper

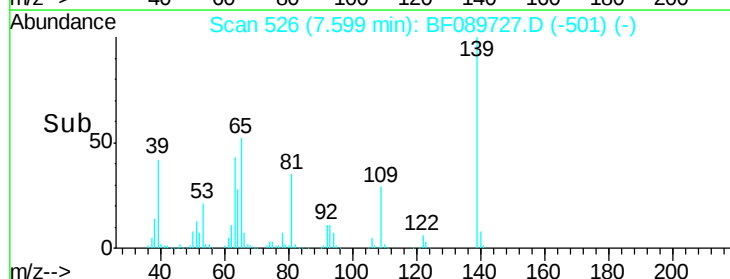
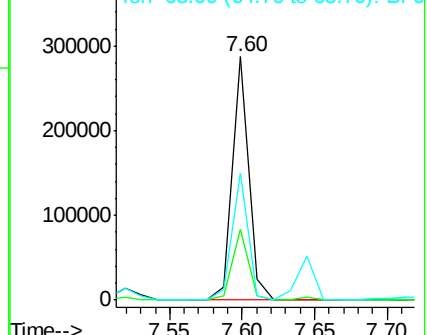
139 100

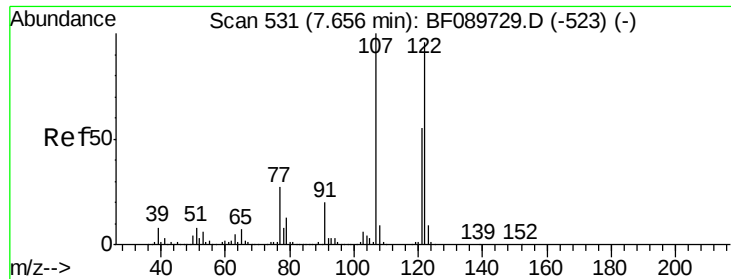
109 29.2 19.5 29.3

65 52.2 26.5 39.7#



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





#27

2,4-Dimethylphenol

Concen: 10.82 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

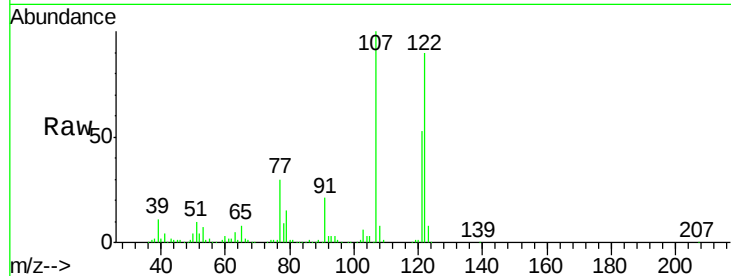
Tot Ion:122 Resp: 474214

Ion Ratio Lower Upper

122 100

107 111.6 84.8 127.2

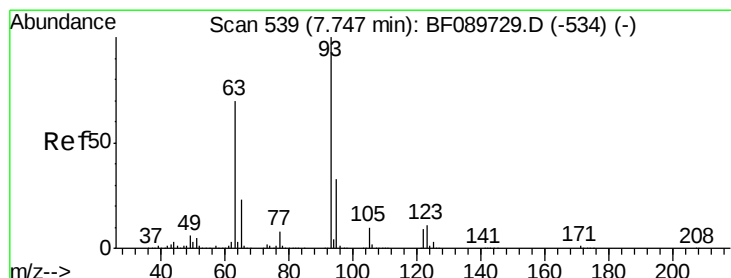
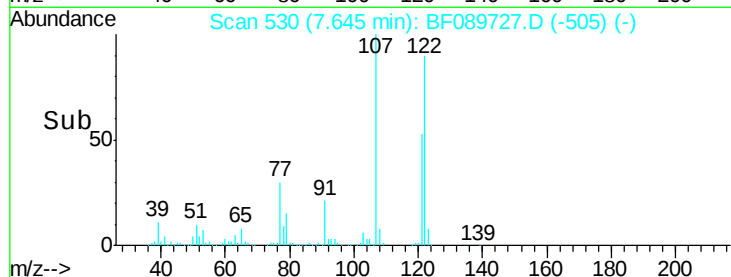
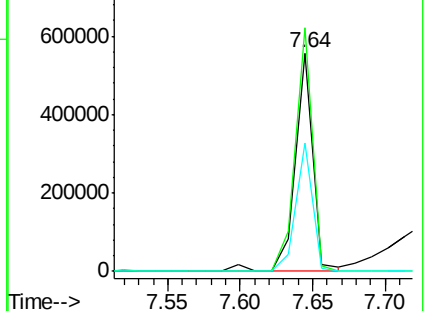
121 58.7 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.09 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

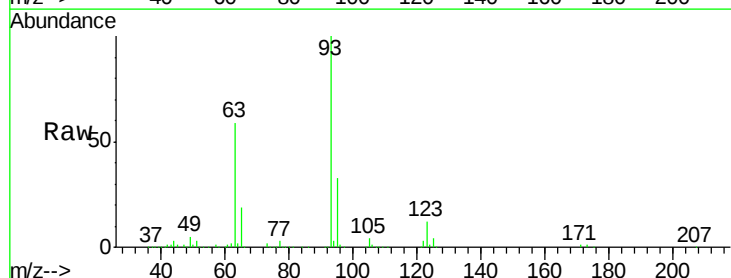
Tgt Ion: 93 Resp: 567659

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

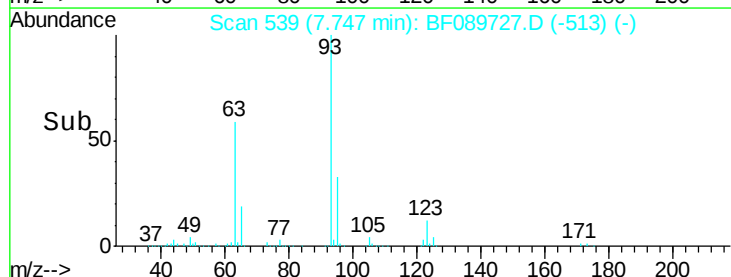
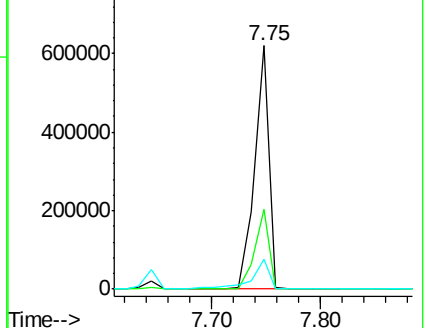
123 12.2 8.5 12.7

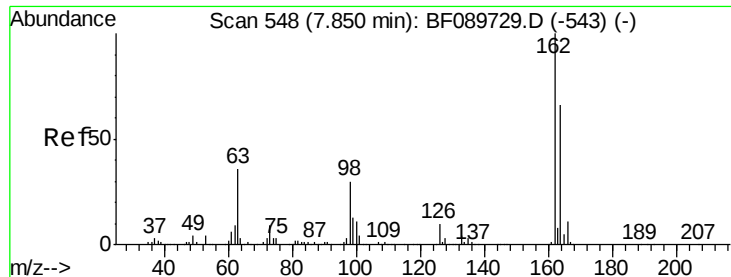


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

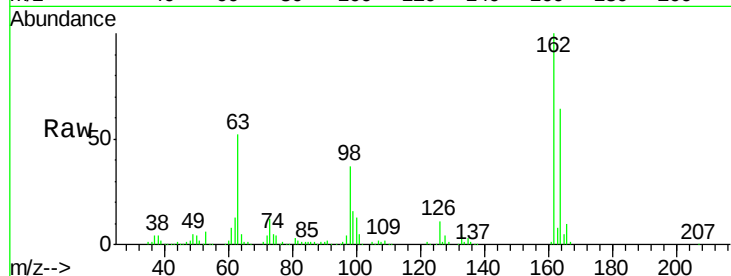




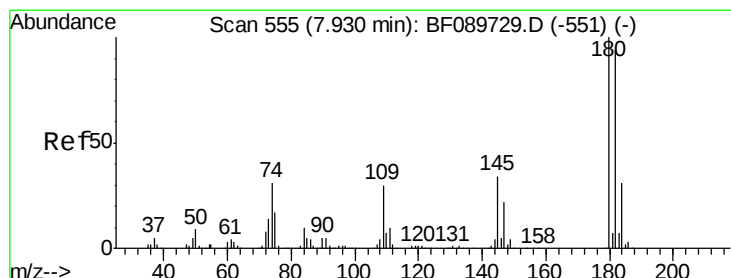
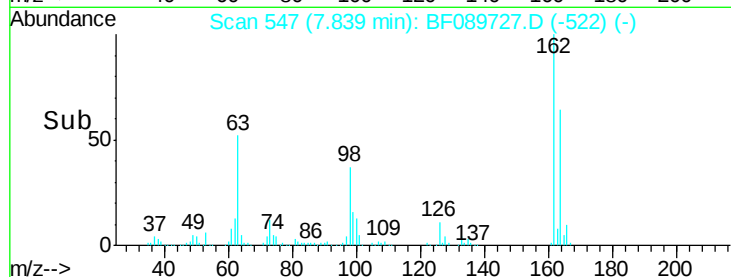
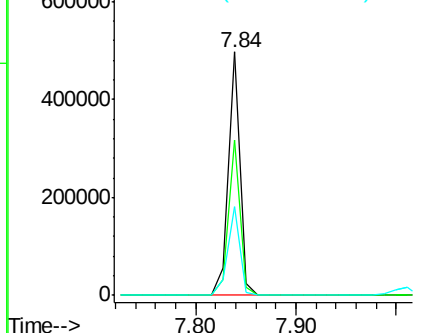
#29
 2,4-Dichlorophenol
 Concen: 10.72 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.5	85.5
98	36.7	12.4	52.4

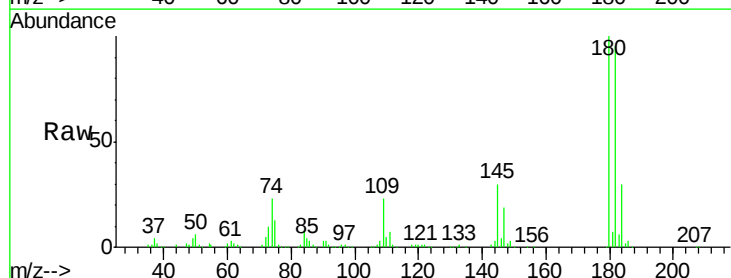


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

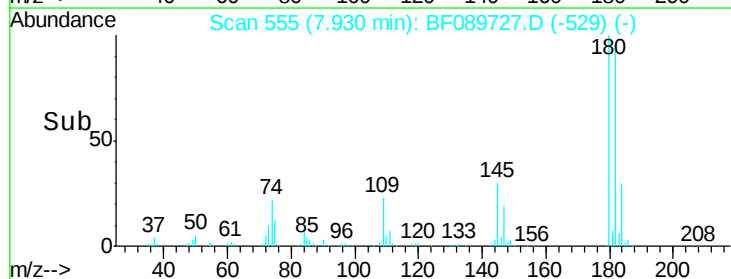
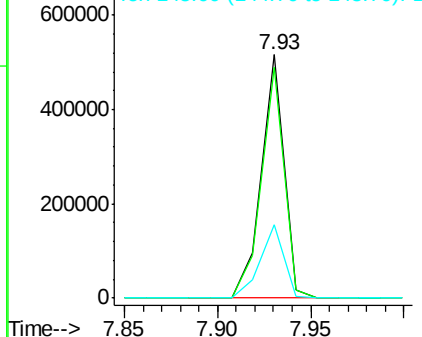


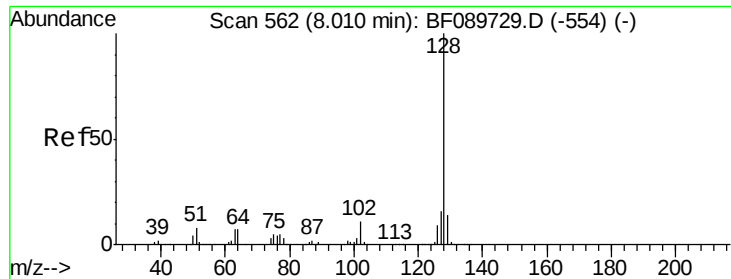
#30
 1,2,4-Trichlorobenzene
 Concen: 11.06 ng
 RT: 7.93 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.5	113.3
145	30.1	28.7	43.1



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

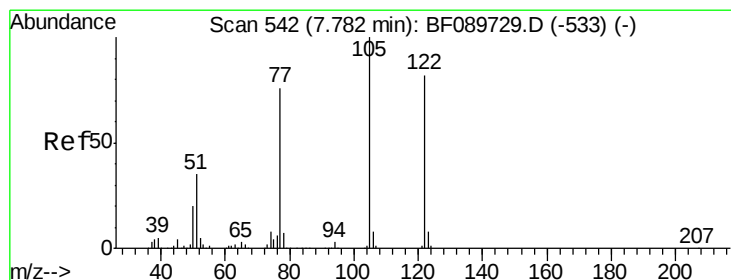
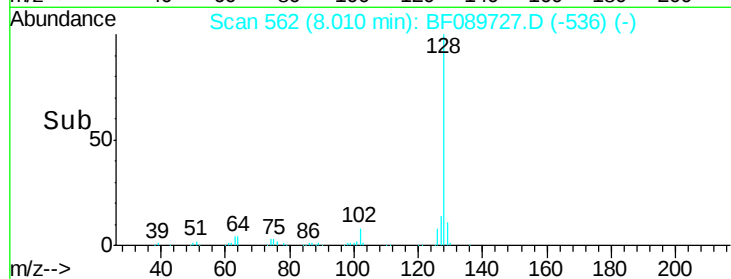
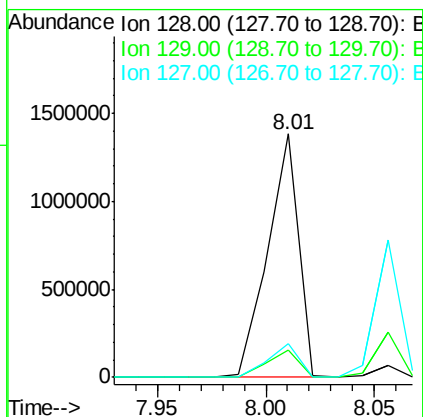
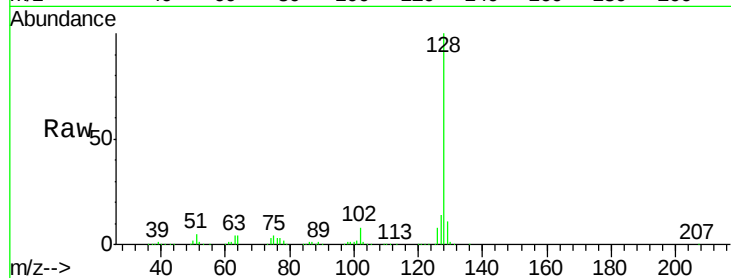




#31
Naphthalene
Concen: 11.38 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

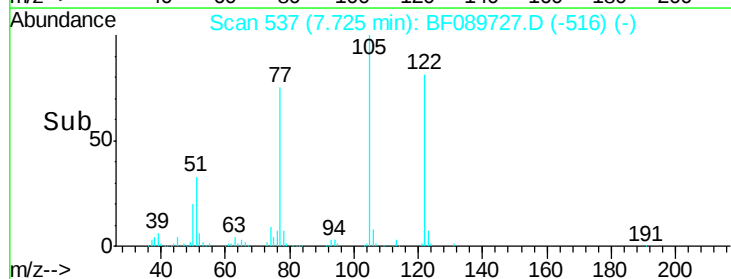
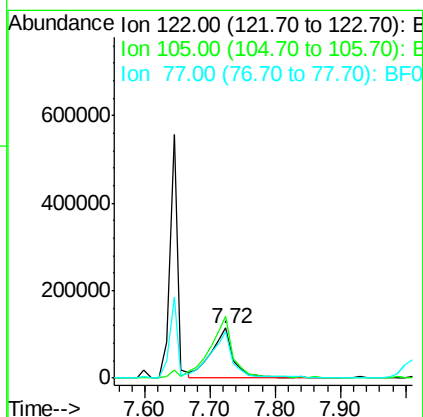
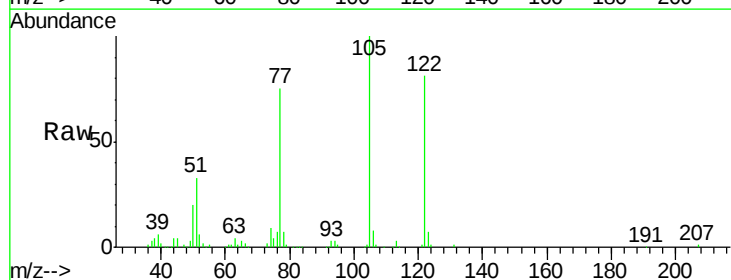
Instrument :
BNA_F
ClientSampleId :

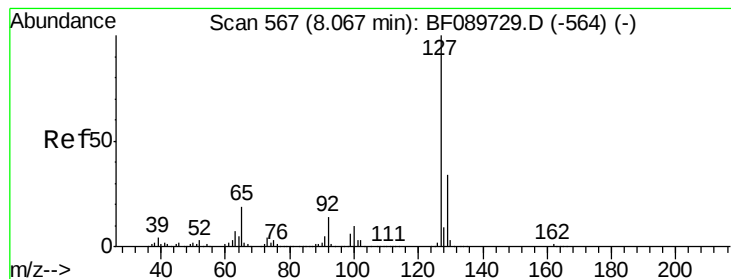
Tot Ion:128 Resp: 1374287
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.6 11.3 16.9



#32
Benzoic acid
Concen: 9.85 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:122 Resp: 276713
Ion Ratio Lower Upper
122 100
105 124.1 100.8 140.8
77 93.6 72.1 112.1





#33

4-Chloroaniline

Concen: 10.60 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF089727.D

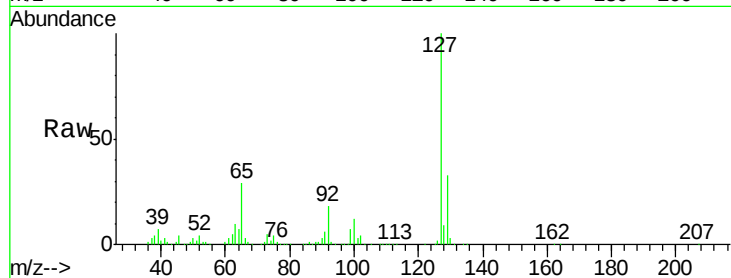
Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	611860
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.6
65	29.4	14.7	22.1#
92	18.4	11.7	17.5#

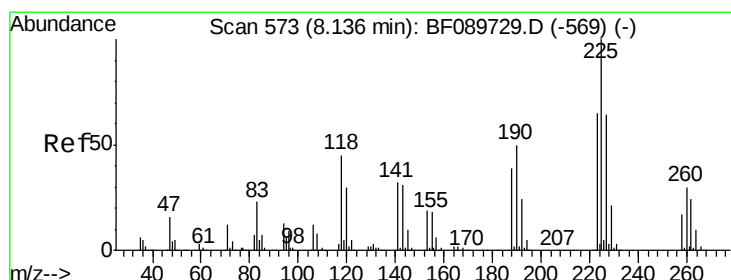
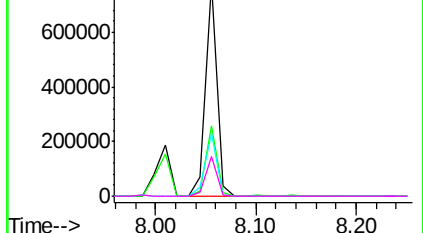
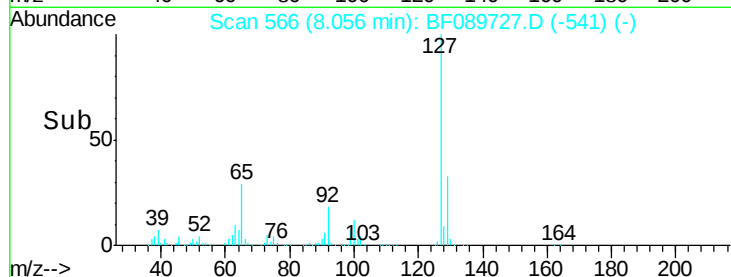


Abundance Ion 127.00 (126.70 to 127.70): E

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: 11.43 ng

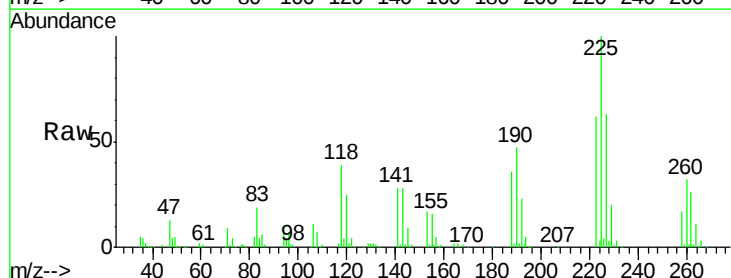
RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

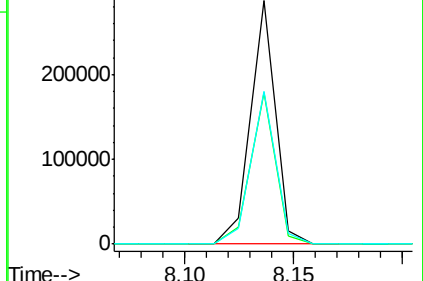
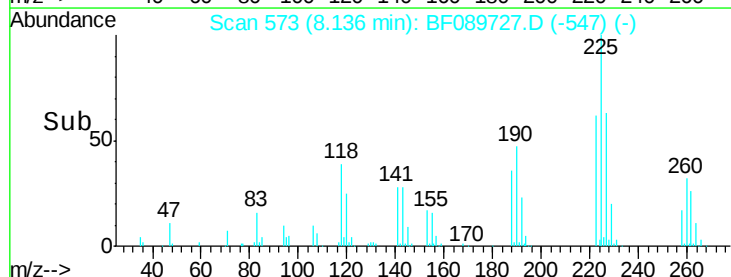
Tgt Ion:	225	Resp:	228605
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	62.7	49.8	74.6

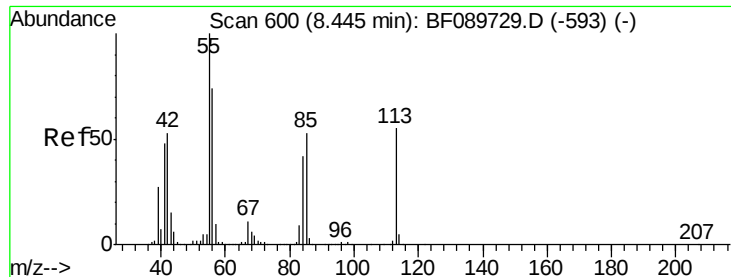


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 9.84 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampled :

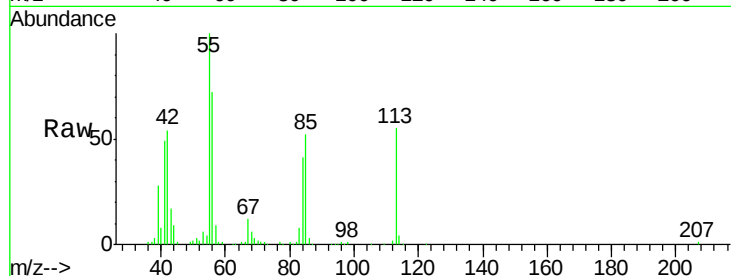
Tot Ion:113 Resp: 113176

Ion Ratio Lower Upper

113 100

55 182.9 135.9 175.9#

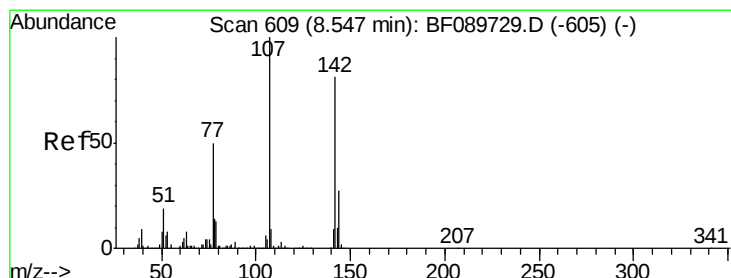
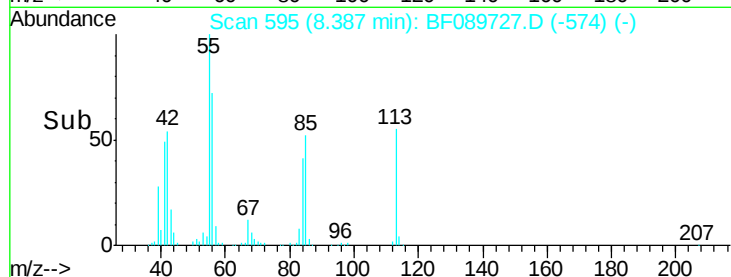
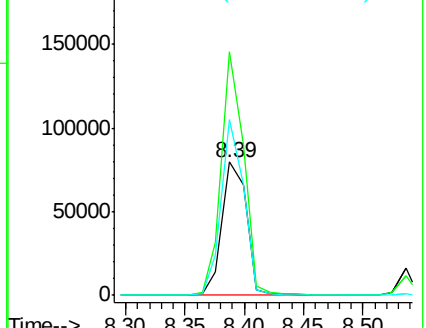
56 132.2 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 11.17 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

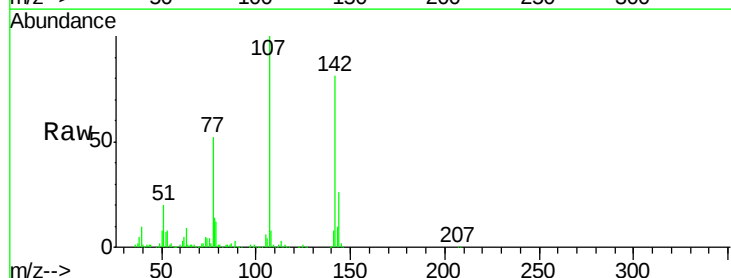
Tgt Ion:107 Resp: 433426

Ion Ratio Lower Upper

107 100

144 26.2 22.6 34.0

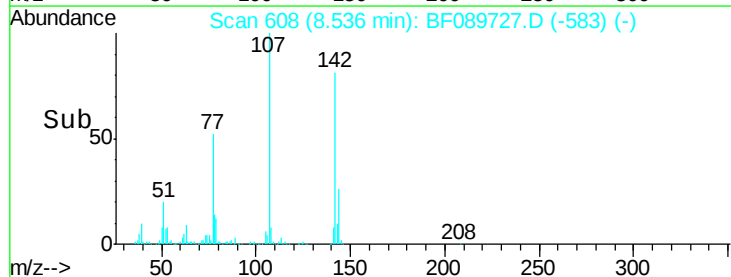
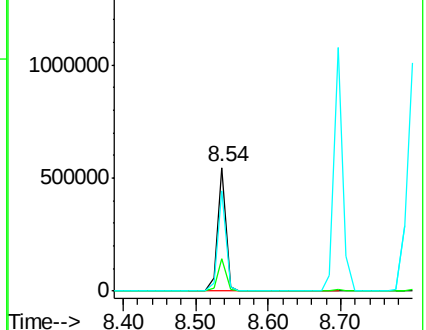
142 80.9 69.3 103.9

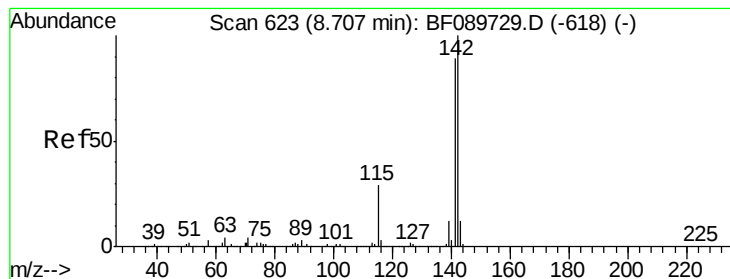


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

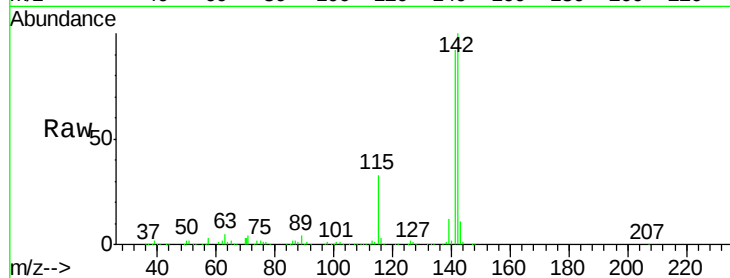




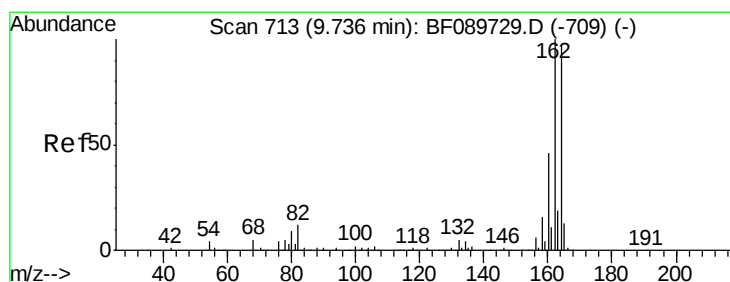
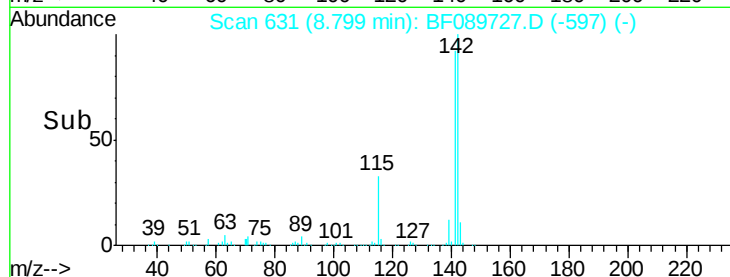
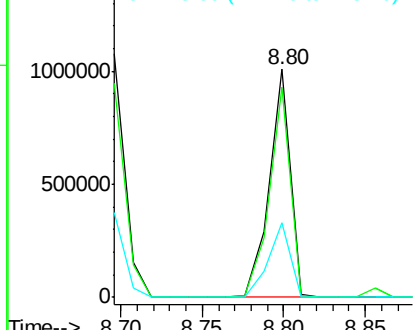
#37
2-Methylnaphthalene
Concen: 10.81 ng
RT: 8.80 min Scan# 631
Delta R.T. 0.09 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 900811
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2
115 32.9 22.7 34.1

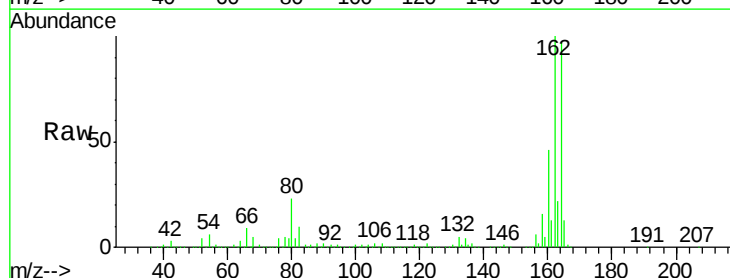


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

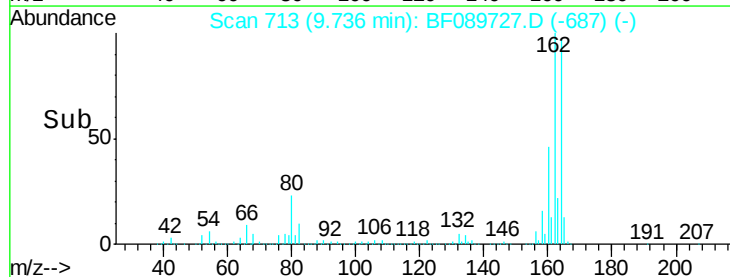
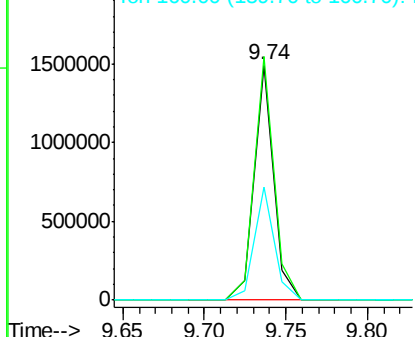


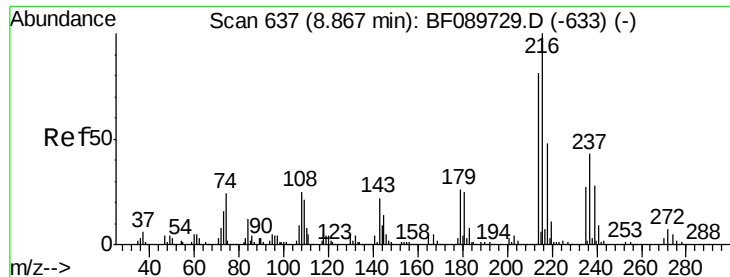
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:164 Resp: 1240629
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.2
160 48.1 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 13.75 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 477192

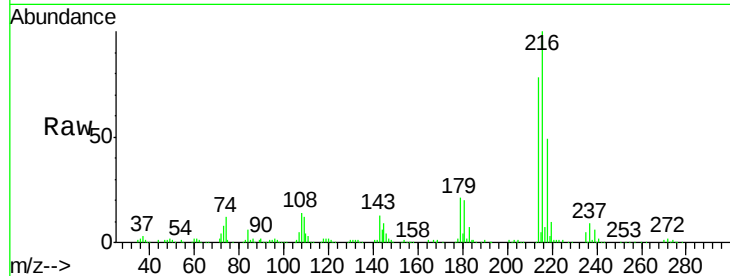
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 22.1 19.9 29.9

108 19.9 19.9 29.9

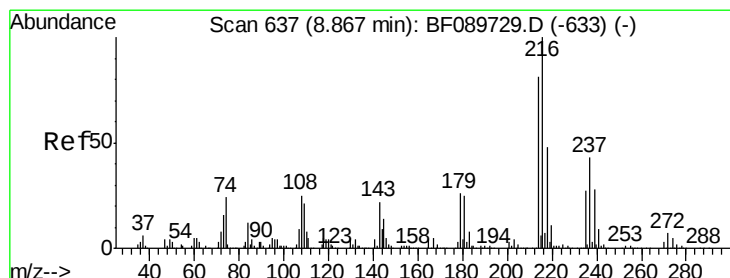
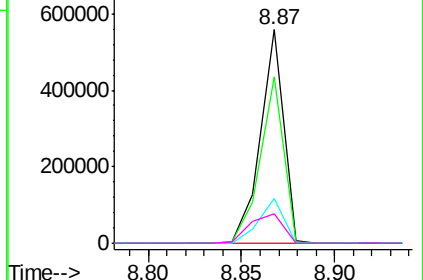
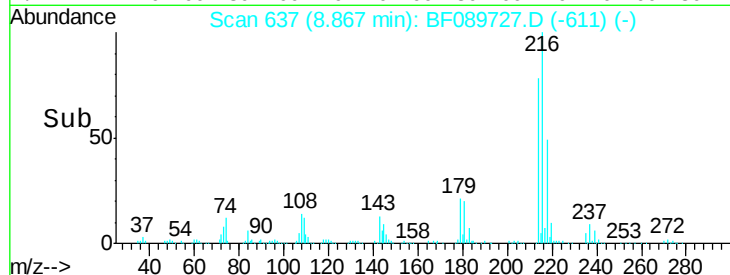


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.34 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

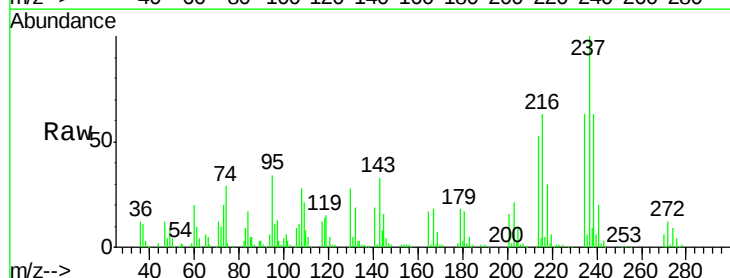
Tgt Ion:237 Resp: 178955

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

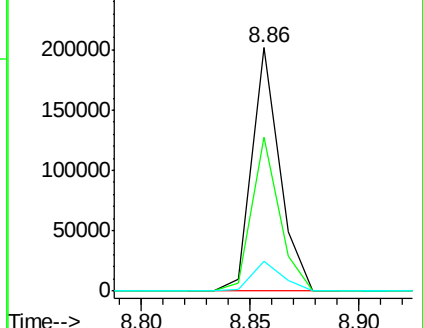
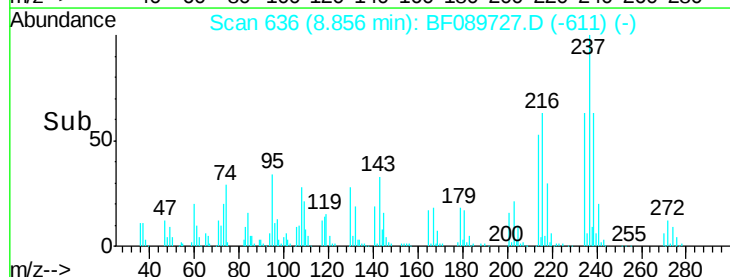
272 12.0 0.0 31.6

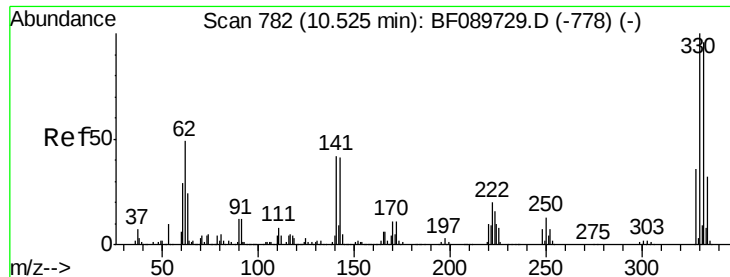


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

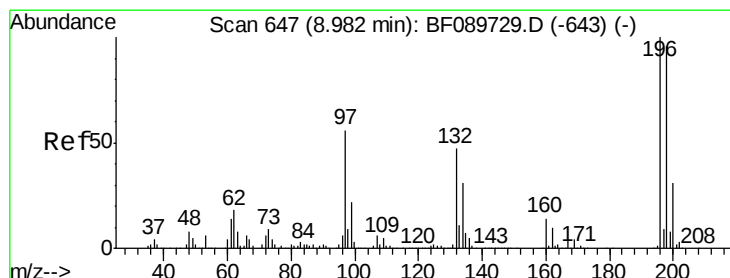
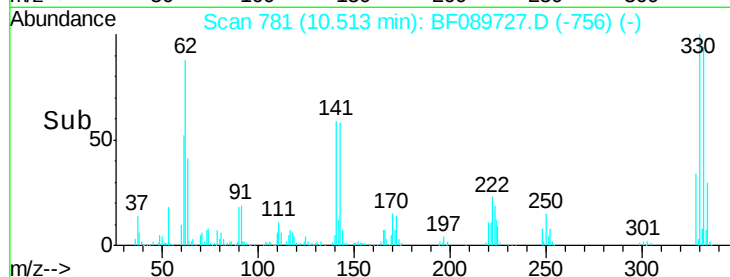
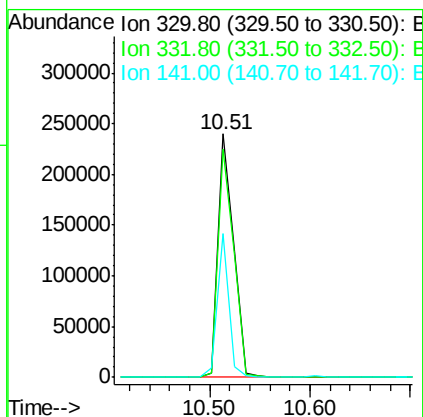
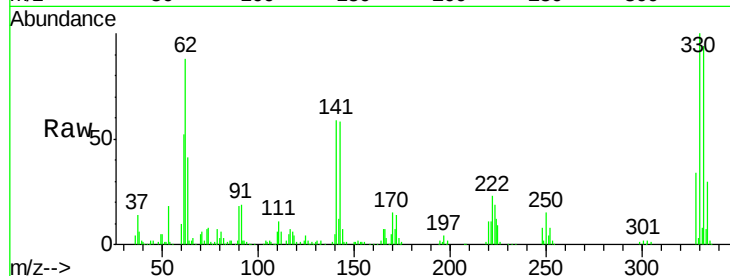




#41
 2,4,6-Tribromophenol
 Concen: 10.50 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

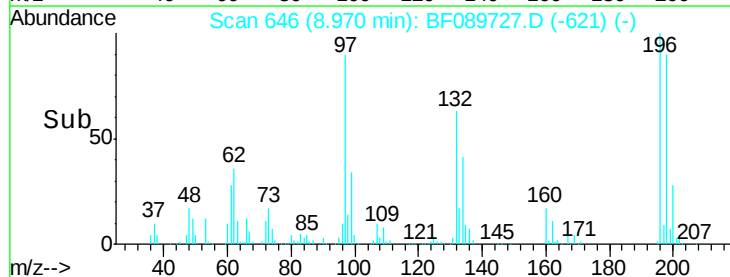
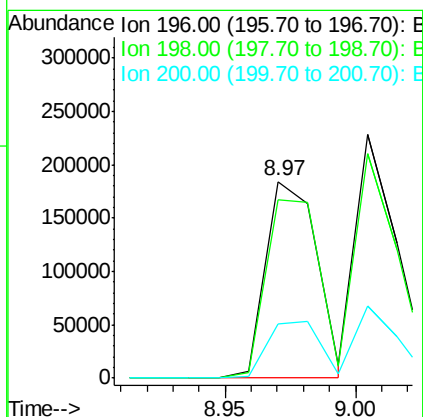
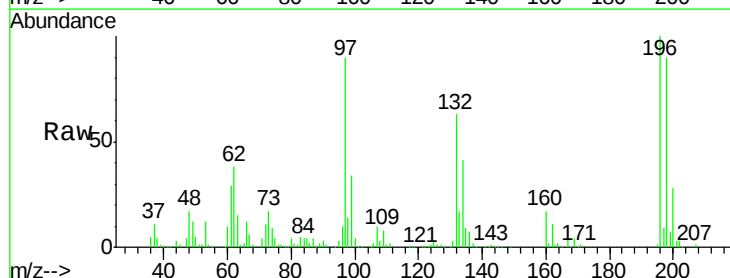
Instrument :
 BNA_F
 ClientSampleId :

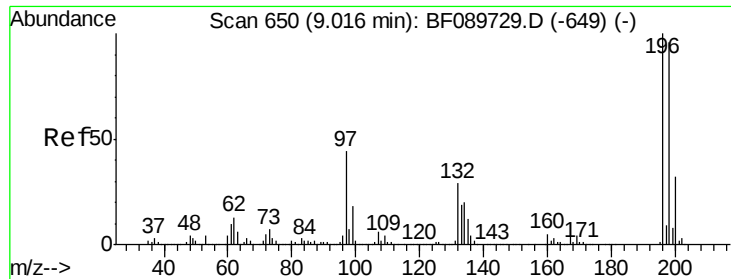
Tot Ion:330 Resp: 258730
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.7 115.1
 141 43.2 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 10.12 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion:196 Resp: 251925
 Ion Ratio Lower Upper
 196 100
 198 90.4 76.3 114.5
 200 27.9 24.6 36.8

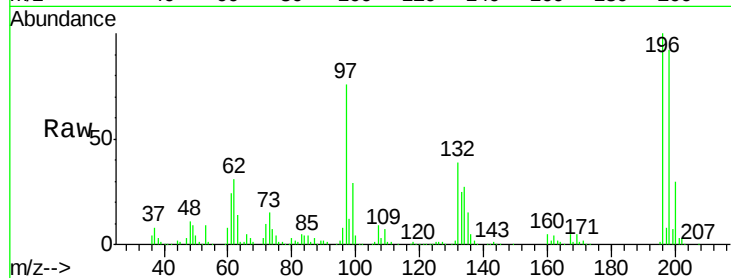




#43
 2,4,5-Trichlorophenol
 Concen: 10.50 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	248930
Ion Ratio	Lower	Upper	
196	100		
198	92.4	76.6	114.8
97	75.5	35.8	53.8#
132	39.1	23.5	35.3#



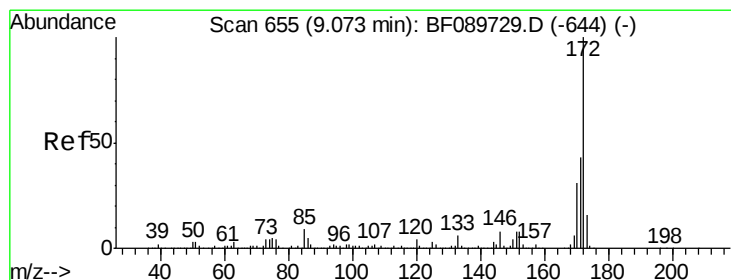
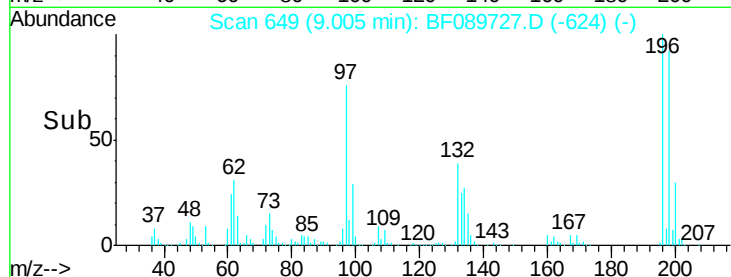
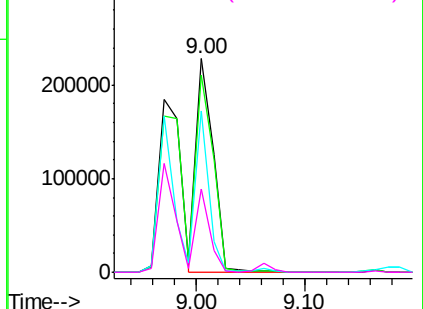
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

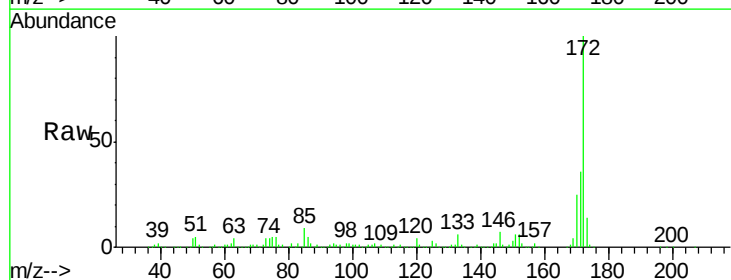
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 11.87 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion	172	Resp	1689222
Ion Ratio	Lower	Upper	
172	100		
171	35.8	30.5	45.7
170	24.9	20.6	31.0

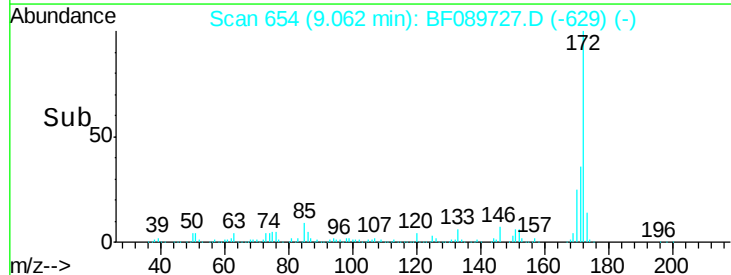
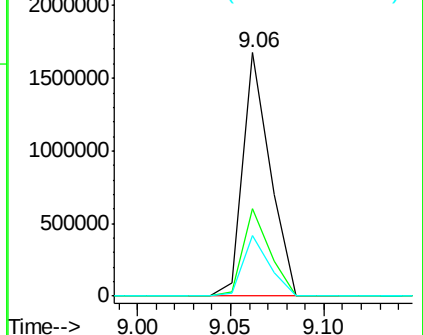


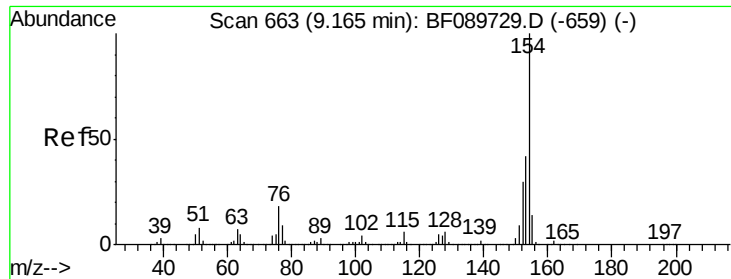
Abundance

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

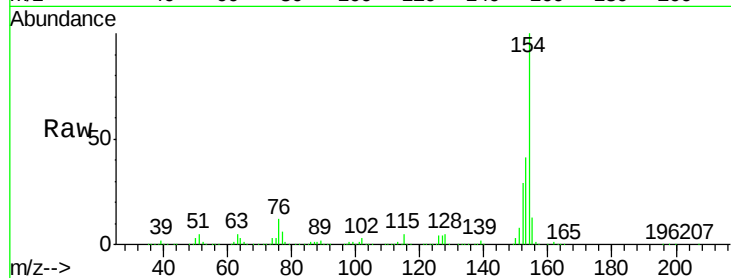




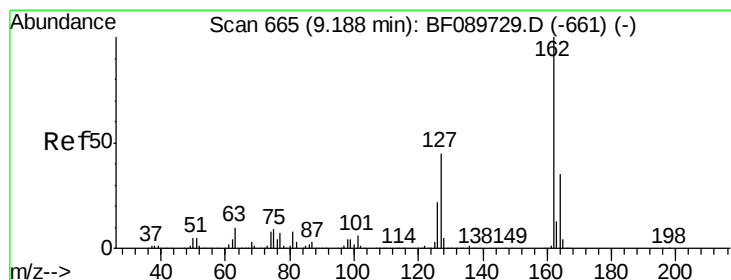
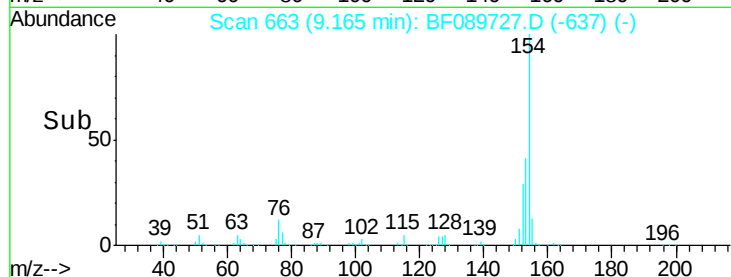
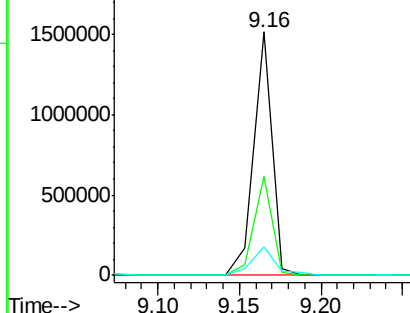
#45
 1,1'-Biphenyl
 Concen: 11.58 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1190188
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.5 61.5
 76 11.8 0.0 36.7

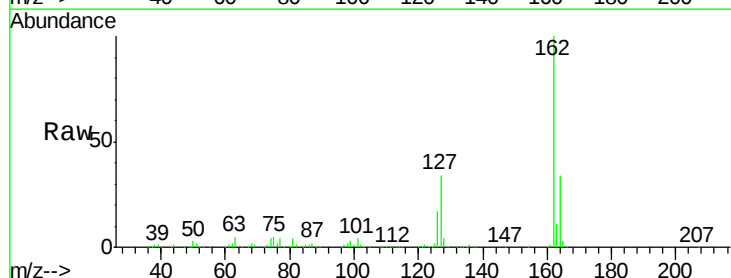


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

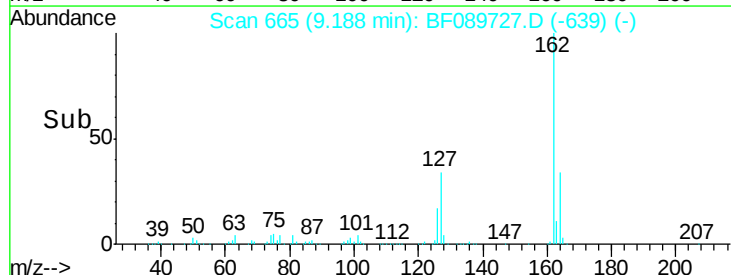
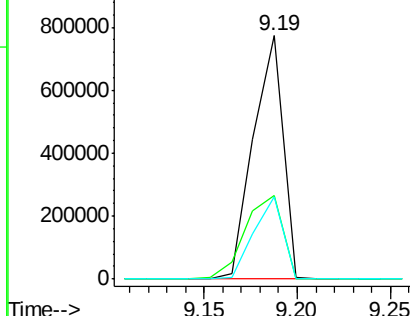


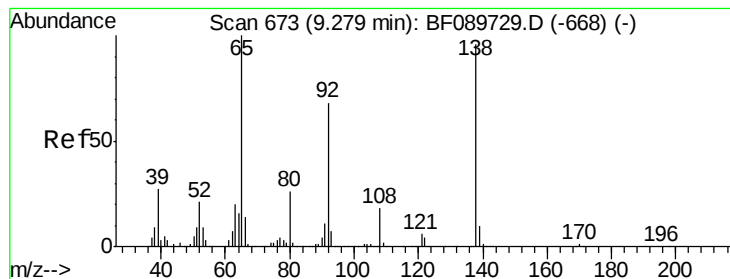
#46
 2-Chloronaphthalene
 Concen: 11.39 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion:162 Resp: 849012
 Ion Ratio Lower Upper
 162 100
 127 34.3 35.5 53.3#
 164 33.8 26.6 40.0



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: 10.21 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampled :

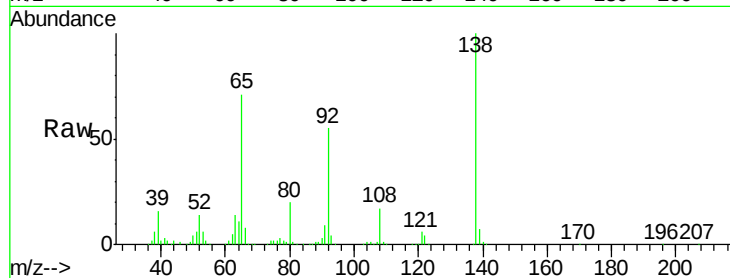
Tot Ion: 65 Resp: 246145

Ion Ratio Lower Upper

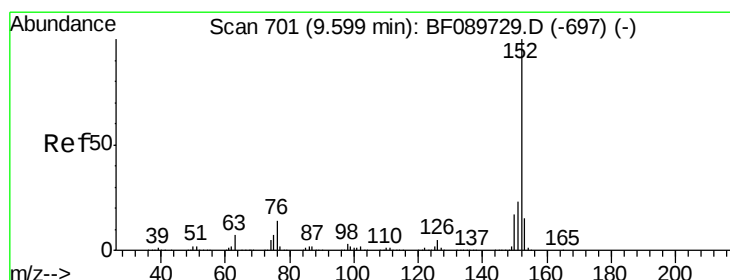
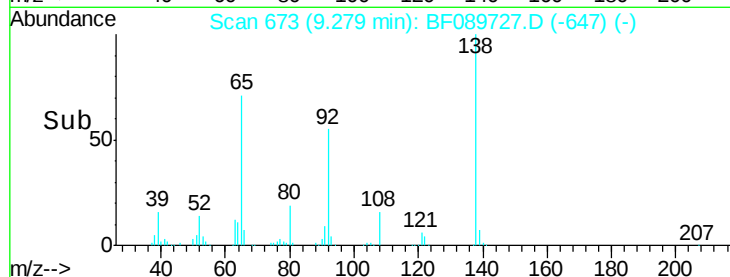
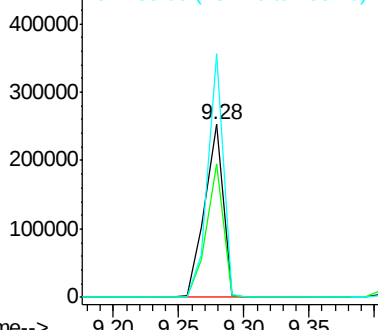
65 100

92 77.0 56.3 84.5

138 140.9 81.8 122.8#



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: 11.96 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

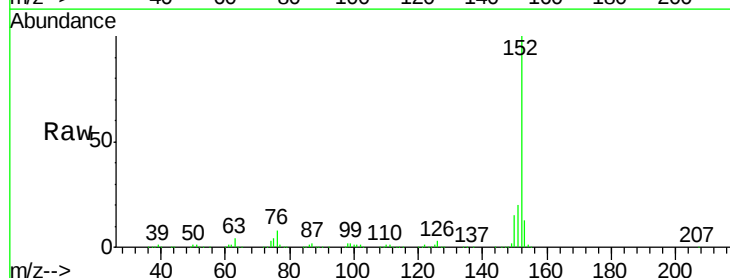
Tgt Ion: 152 Resp: 1403398

Ion Ratio Lower Upper

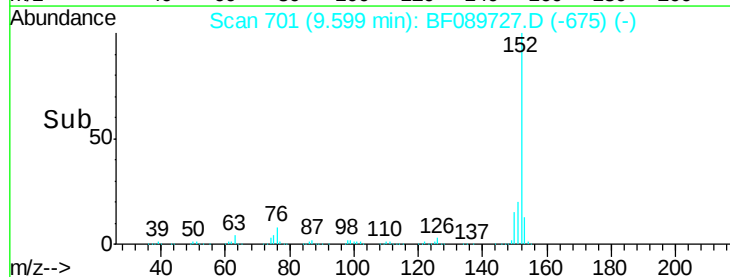
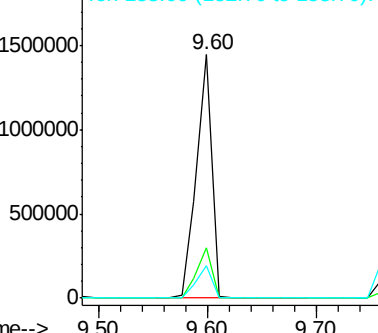
152 100

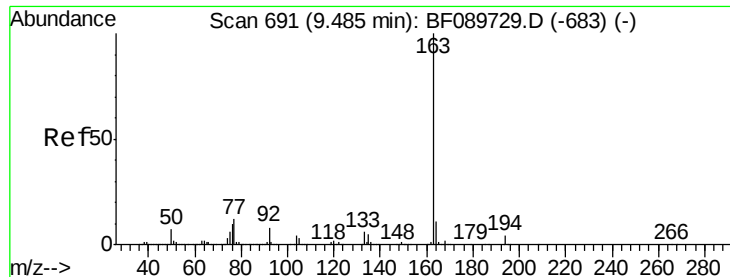
151 20.4 17.1 25.7

153 13.3 11.2 16.8



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

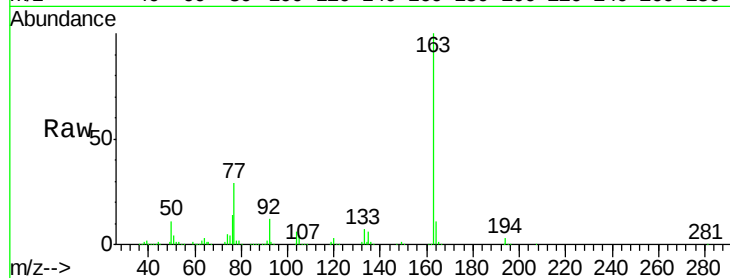




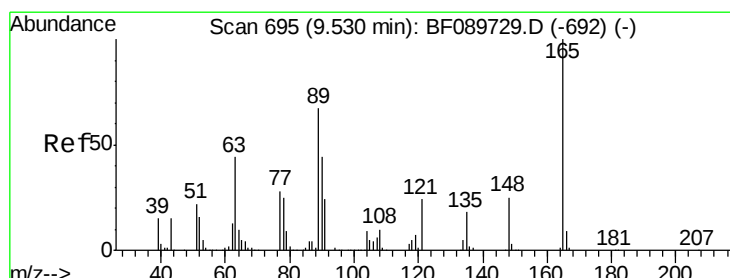
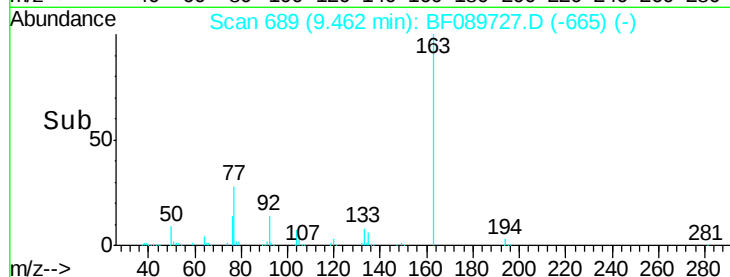
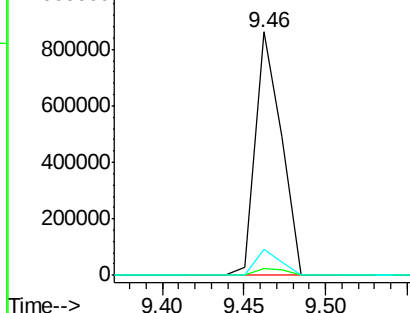
#49
Dimethylphthalate
Concen: 10.92 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	3.8
164	10.8	8.6	12.8

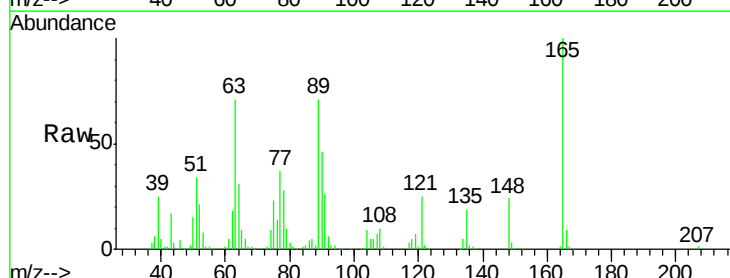


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

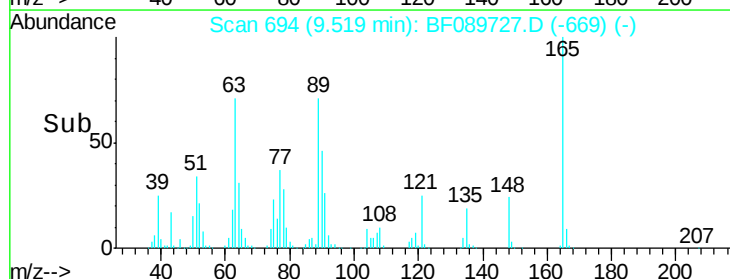
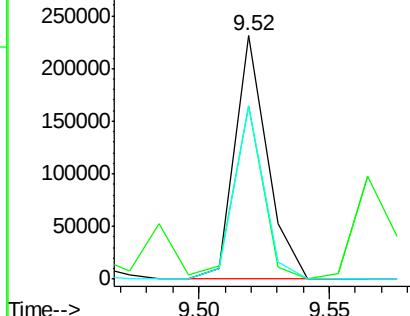


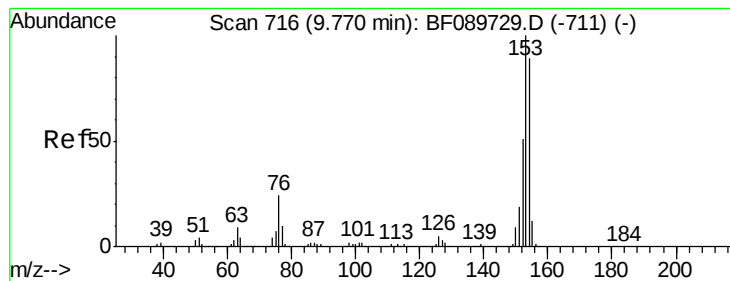
#50
2,6-Dinitrotoluene
Concen: 10.47 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.2	41.7	62.5#
89	71.4	44.6	67.0#



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: 11.92 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

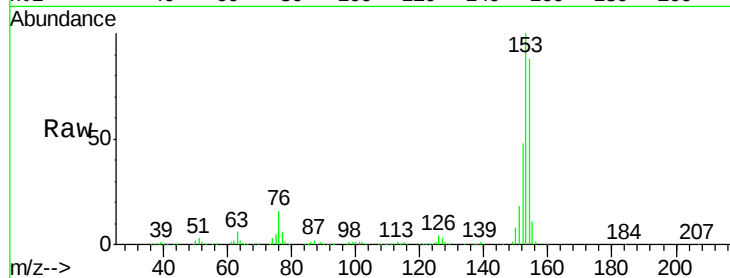
Tot Ion:154 Resp: 915170

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

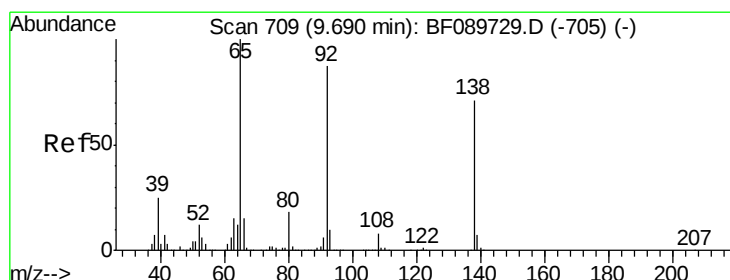
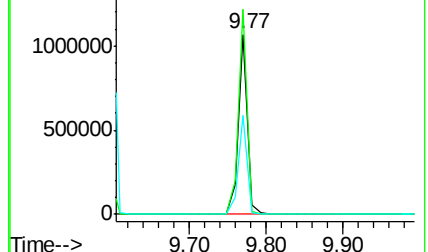
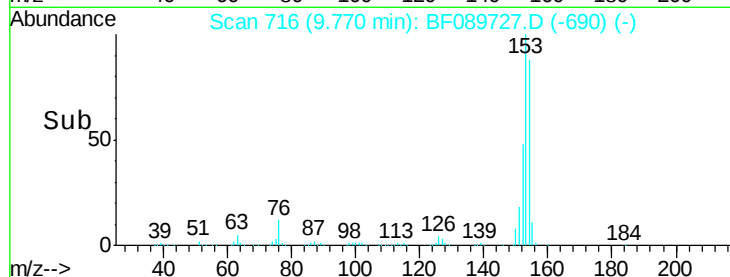
152 54.9 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.91 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

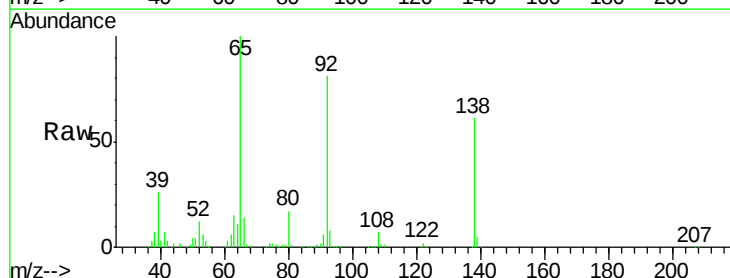
Tgt Ion:138 Resp: 222497

Ion Ratio Lower Upper

138 100

108 11.1 8.1 12.1

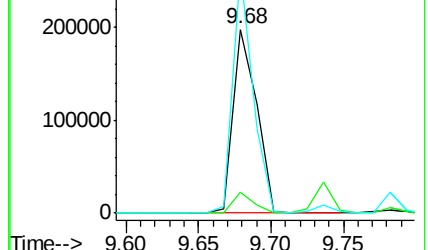
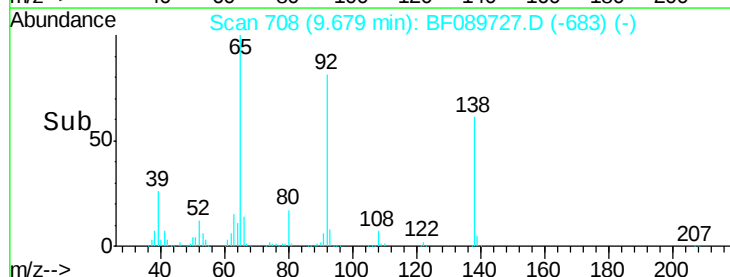
92 132.4 92.7 139.1

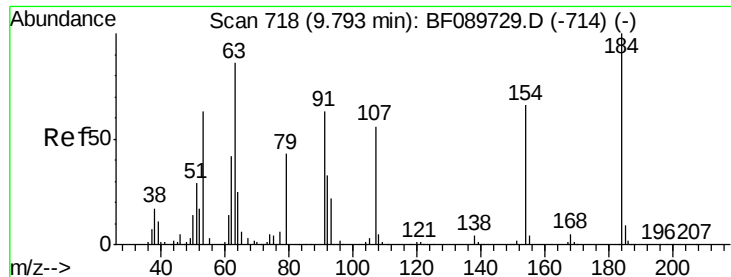


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

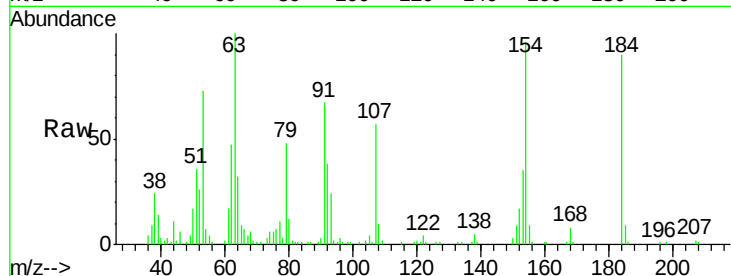




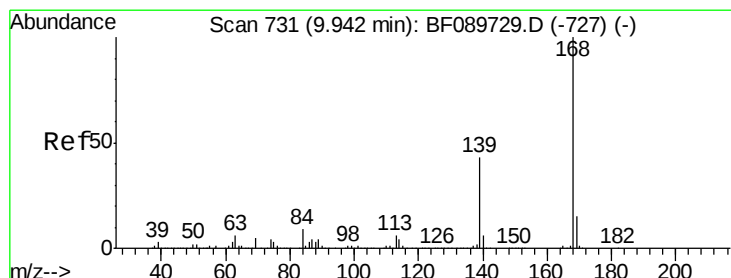
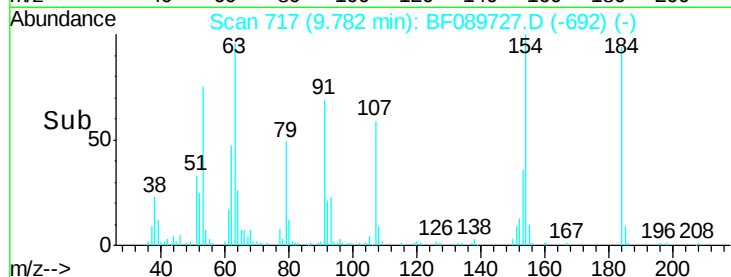
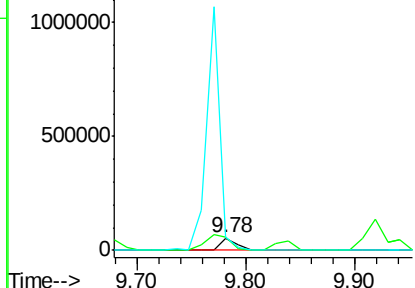
#53
2,4-Dinitrophenol
Concen: 8.32 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 56974
Ion Ratio Lower Upper
184 100
63 111.1 54.2 81.4#
154 106.6 52.7 79.1#

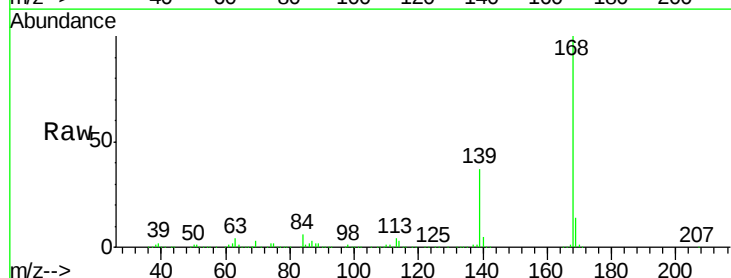


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

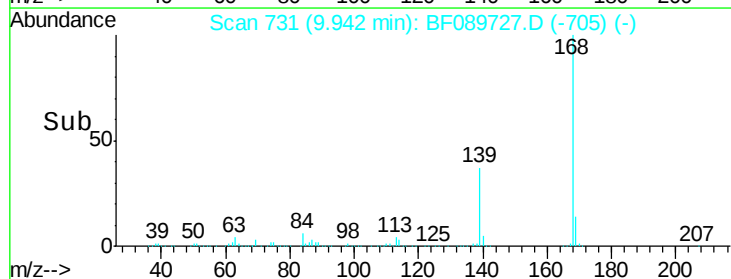
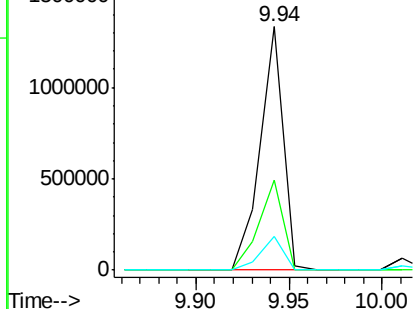


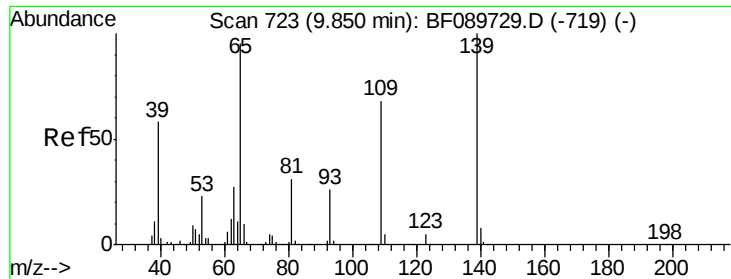
#54
Dibenzofuran
Concen: 10.63 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:168 Resp: 1157293
Ion Ratio Lower Upper
168 100
139 37.1 34.6 52.0
169 13.7 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

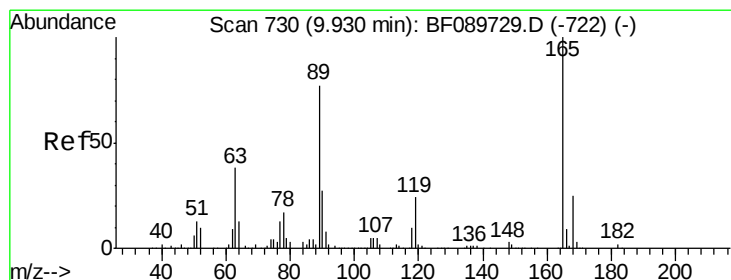
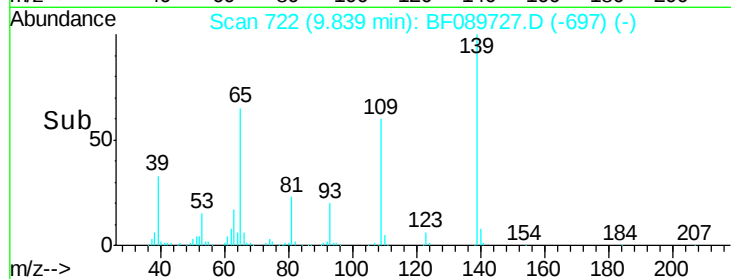
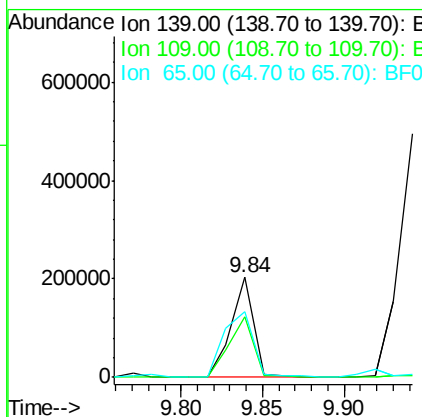
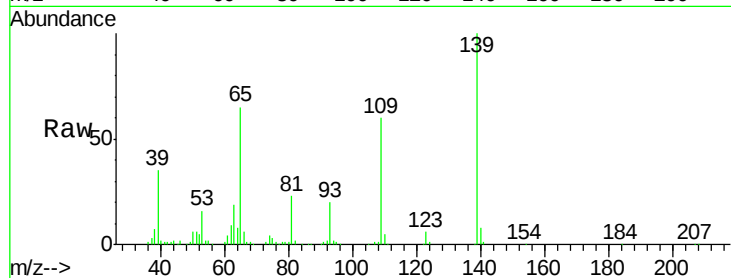




#55
4-Nitrophenol
Concen: 10.25 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

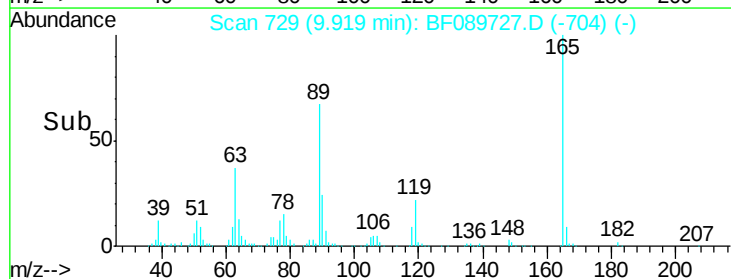
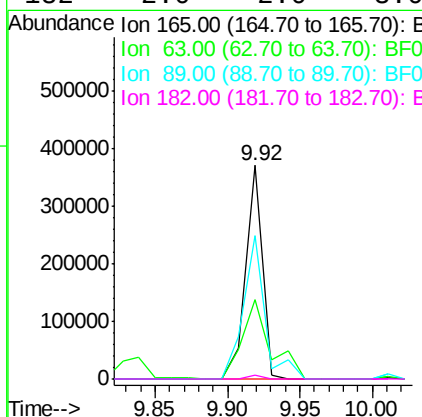
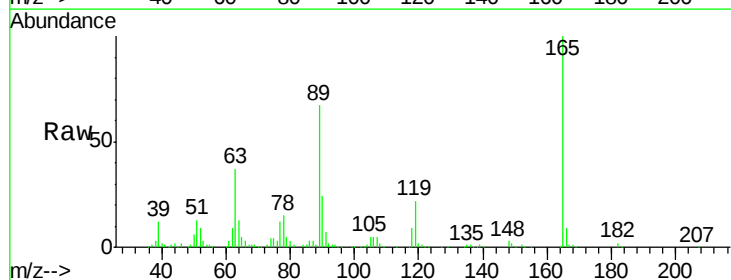
Instrument :
BNA_F
ClientSampleId :

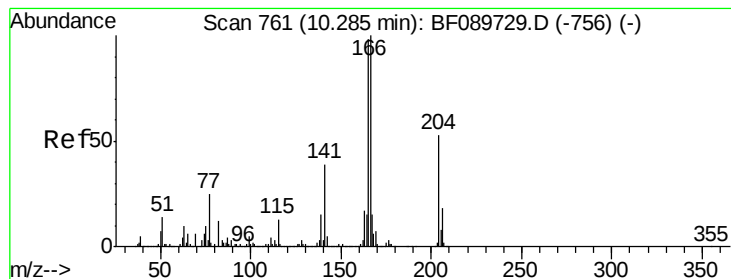
Tot Ion:139	Resp:	195700
Ion Ratio	Lower	Upper
139	100	
109	60.3	43.0 83.0
65	65.3	55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 11.90 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:165	Resp:	295956
Ion Ratio	Lower	Upper
165	100	
63	37.2	23.7 35.5#
89	67.4	44.0 66.0#
182	2.0	2.0 3.0





#57

Fluorene

Concen: 12.29 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

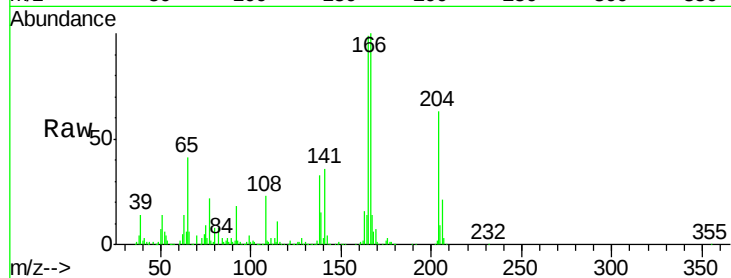
Tot Ion:166 Resp: 959816

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

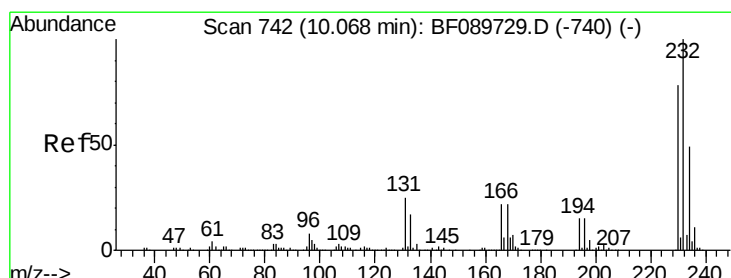
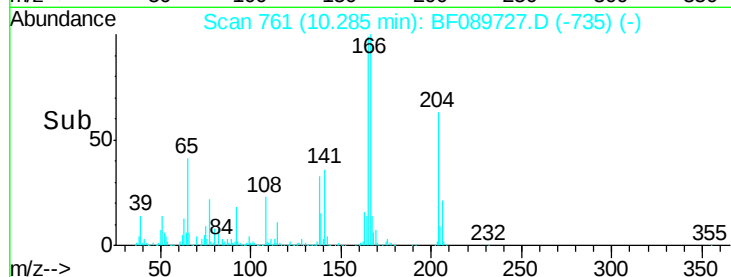
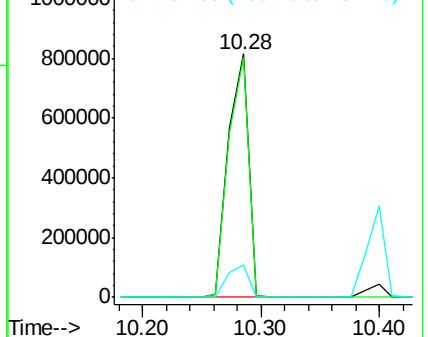
167 13.6 11.3 16.9



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: 10.58 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Tgt Ion:232 Resp: 216612

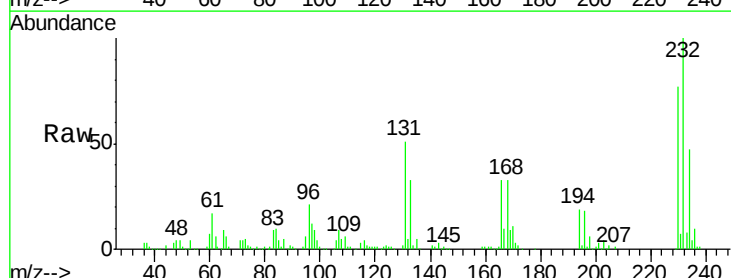
Ion Ratio Lower Upper

232 100

131 53.4 42.5 63.7

130 2.4 2.2 3.4

166 33.4 27.3 40.9

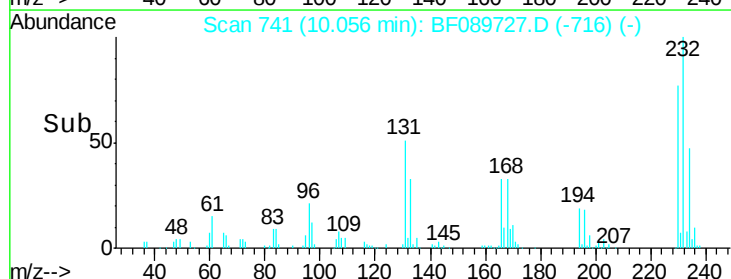
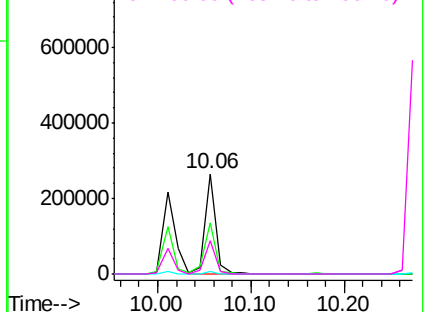


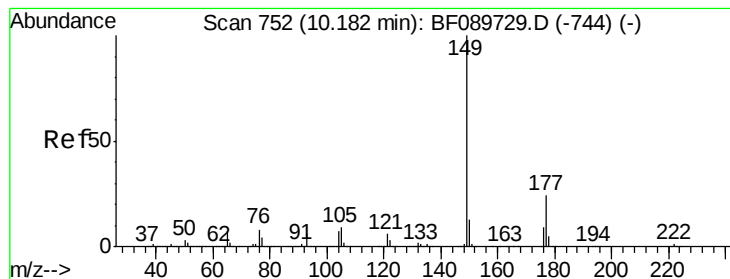
Abundance Ion 232.00 (231.70 to 232.70): E

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: 12.29 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

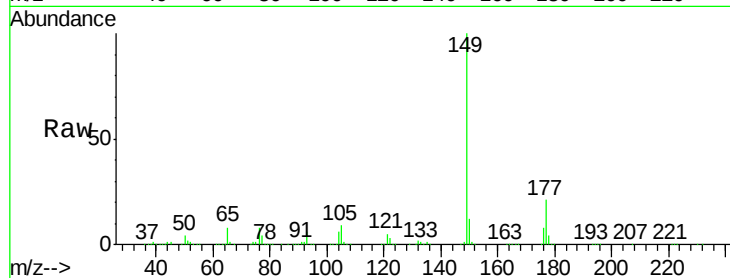
Tot Ion:149 Resp: 1091747

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

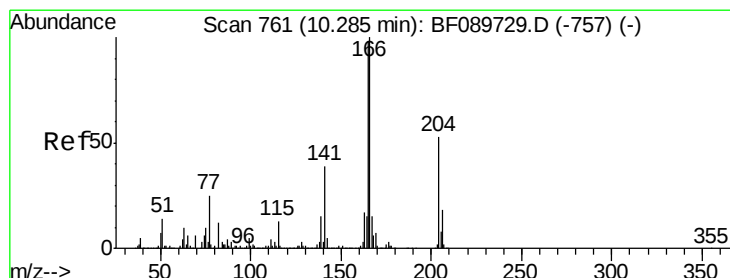
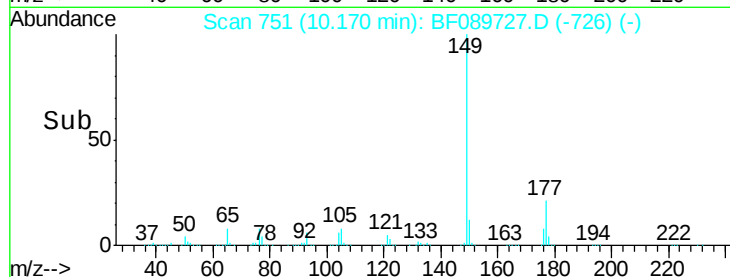
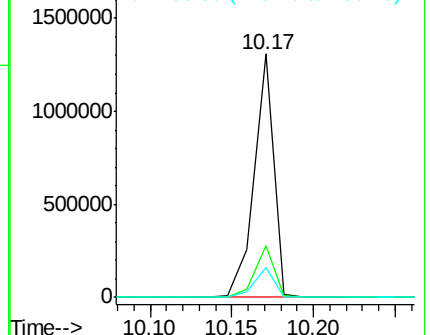
150 12.3 10.5 15.7



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: 13.20 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

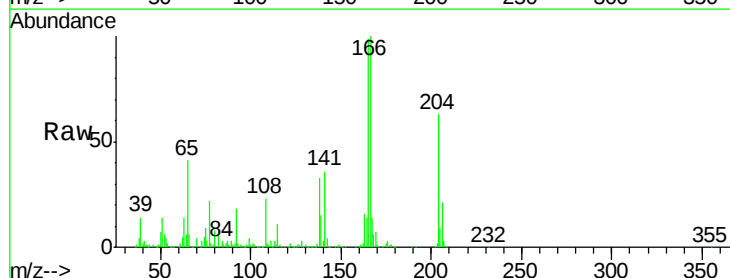
Tgt Ion:204 Resp: 455094

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

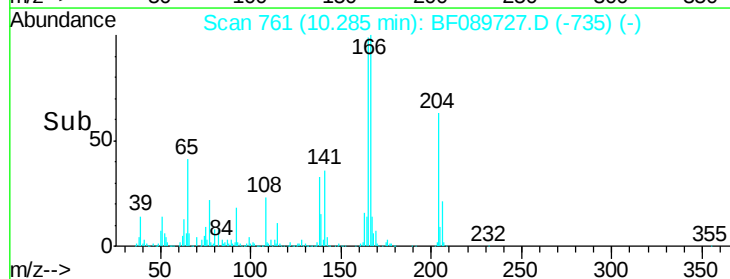
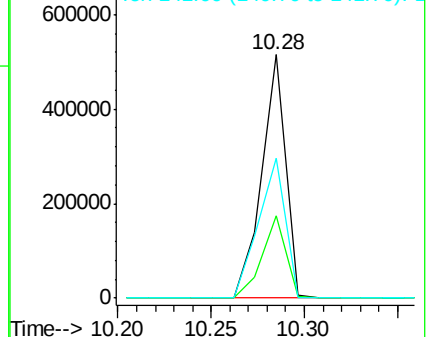
141 57.3 54.1 81.1

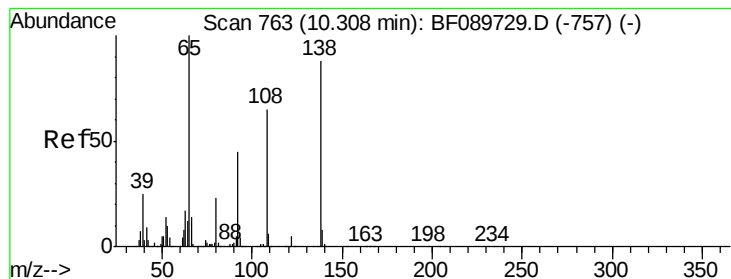


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 10.52 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

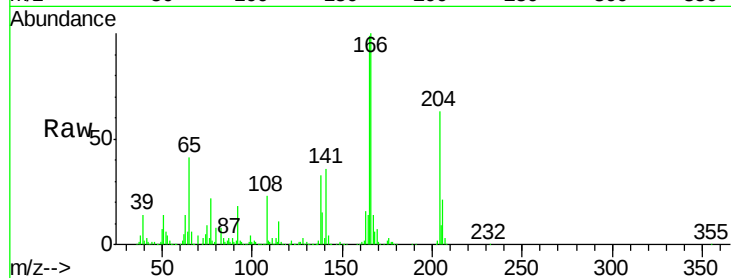
Tot Ion:138 Resp: 232104

Ion Ratio Lower Upper

138 100

92 53.5 26.4 66.4

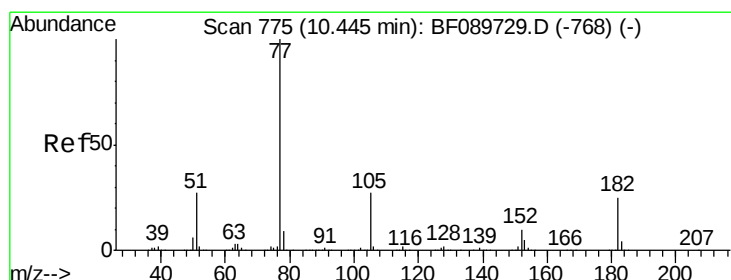
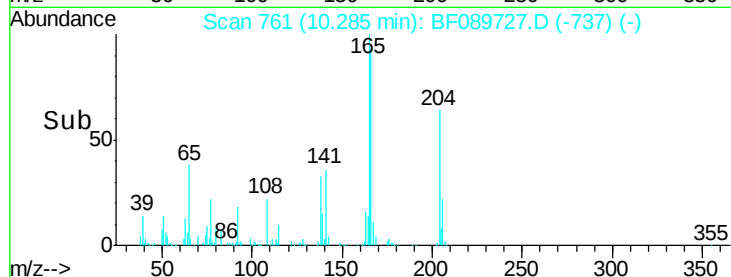
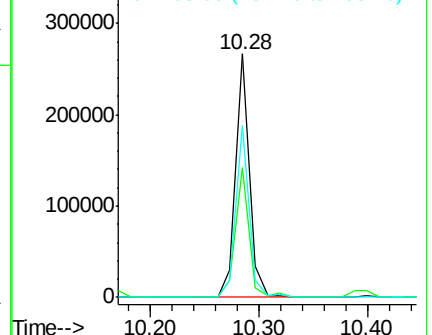
108 70.7 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 9.42 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Tgt Ion: 77 Resp: 907530

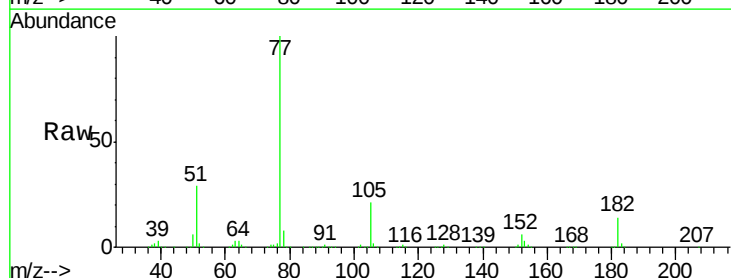
Ion Ratio Lower Upper

77 100

182 14.3 5.6 45.6

105 21.4 4.0 44.0

51 29.3 7.8 47.8

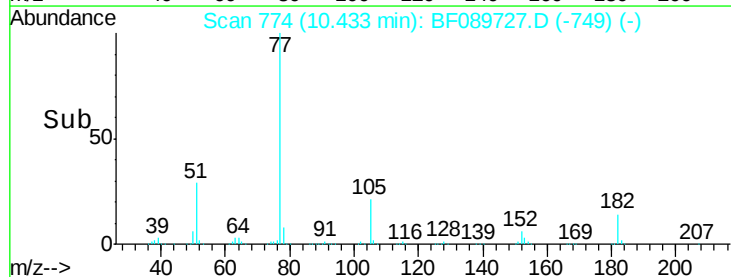
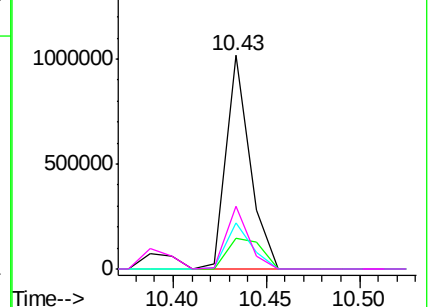


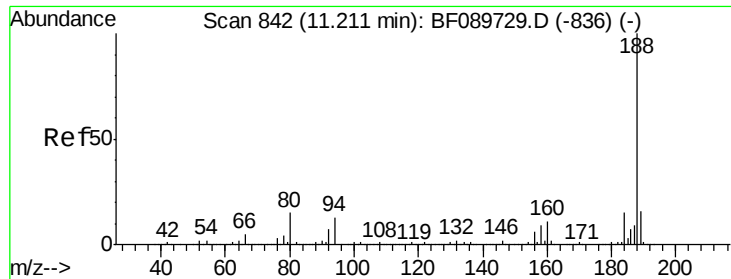
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :
BNA_F
ClientSampleId :

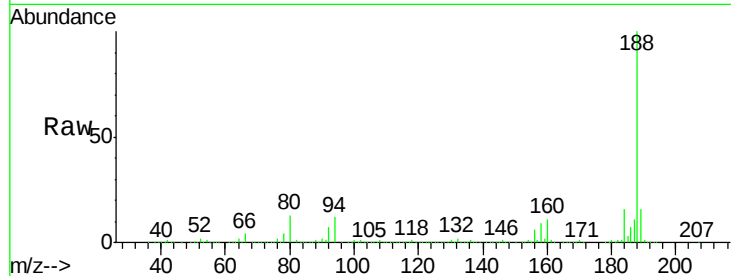
Tot Ion:188 Resp: 2239918

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.2

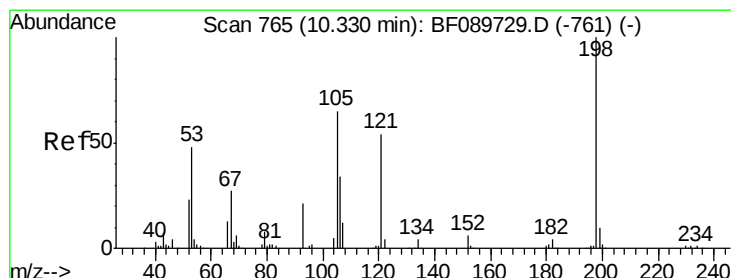
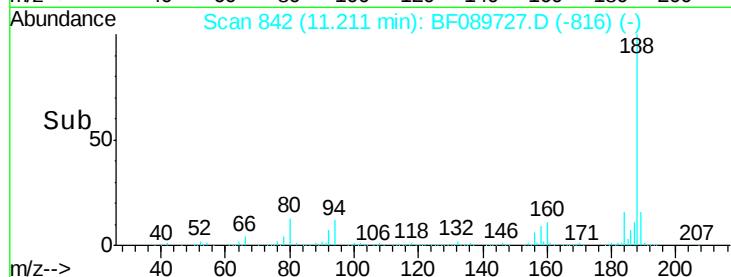
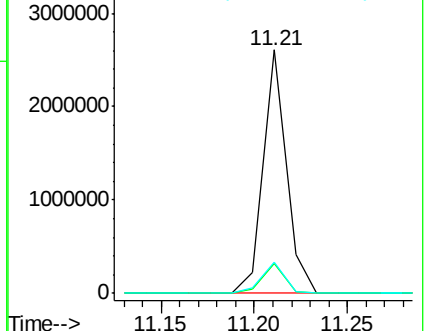
80 12.8 10.9 16.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 8.92 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

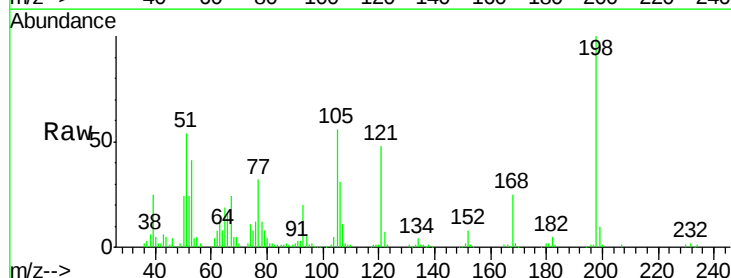
Tgt Ion:198 Resp: 107114

Ion Ratio Lower Upper

198 100

51 54.0 32.3 72.3

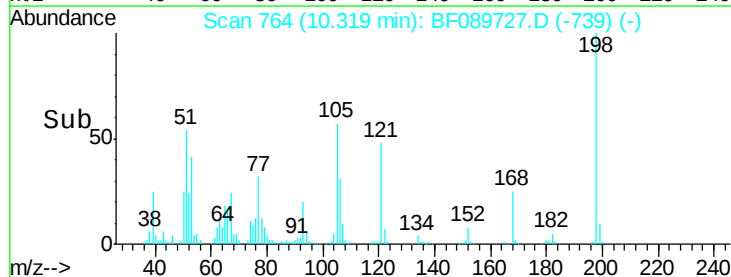
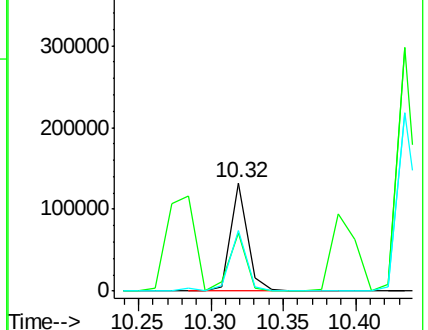
105 56.5 32.9 72.9

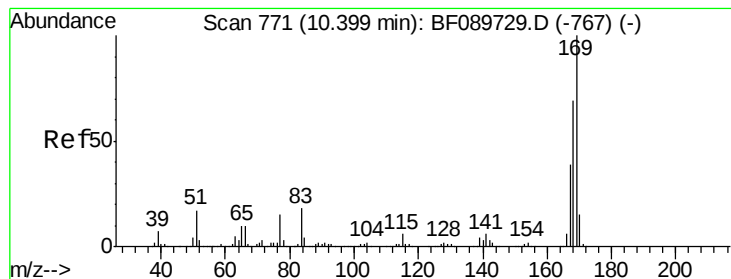


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 11.40 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

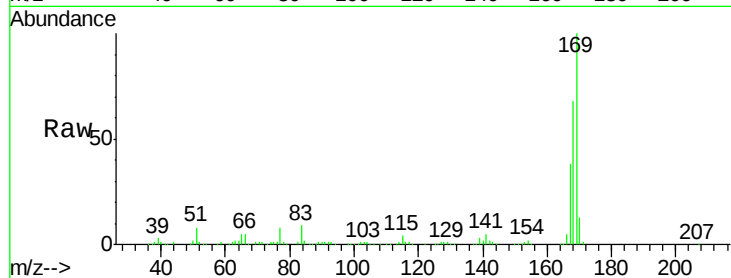
Tot Ion:169 Resp: 825000

Ion Ratio Lower Upper

169 100

168 67.9 54.6 82.0

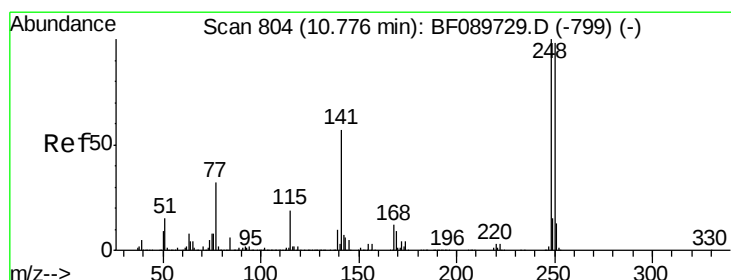
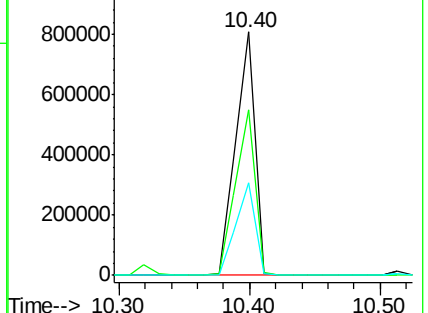
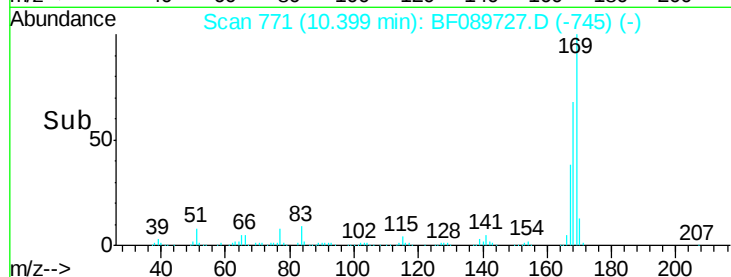
167 37.8 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 10.71 ng

RT: 10.76 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

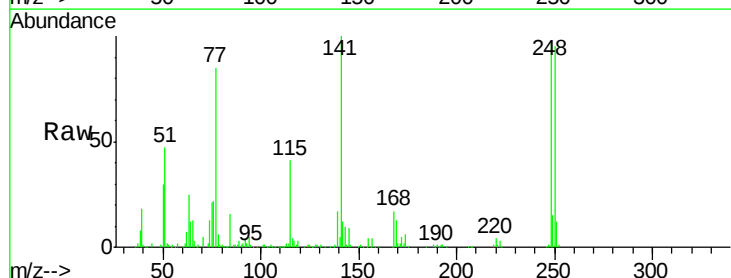
Tgt Ion:248 Resp: 245657

Ion Ratio Lower Upper

248 100

250 98.0 78.6 117.8

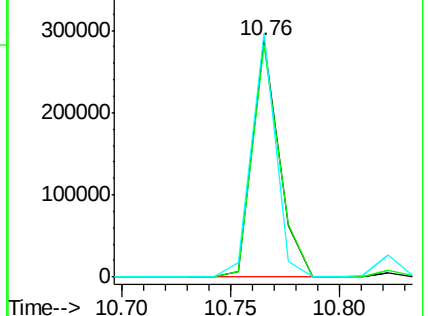
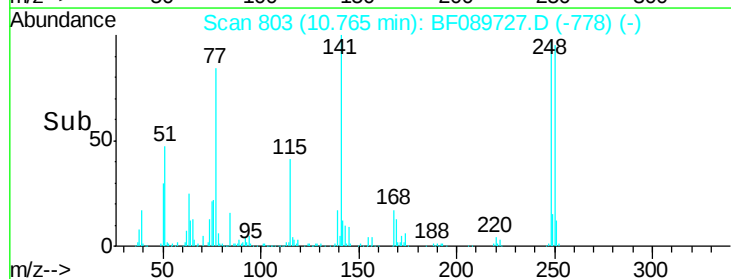
141 102.8 31.4 47.2#

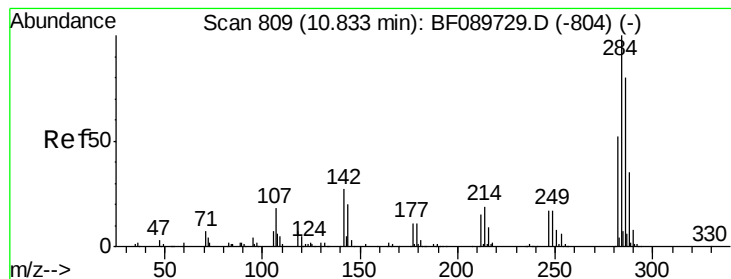


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 10.95 ng

RT: 10.82 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampled :

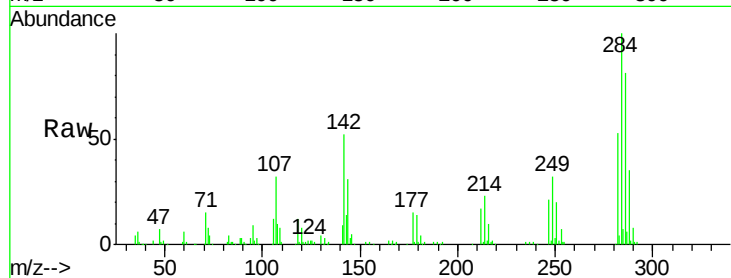
Tot Ion:284 Resp: 281768

Ion Ratio Lower Upper

284 100

142 51.7 17.4 26.2#

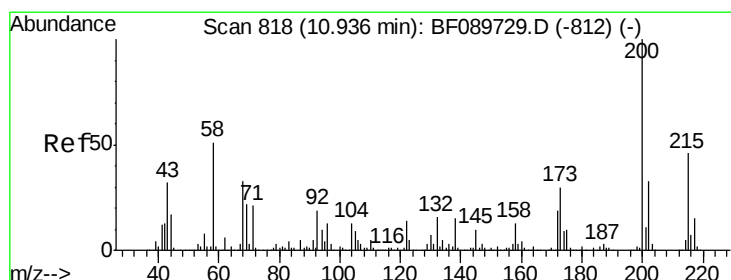
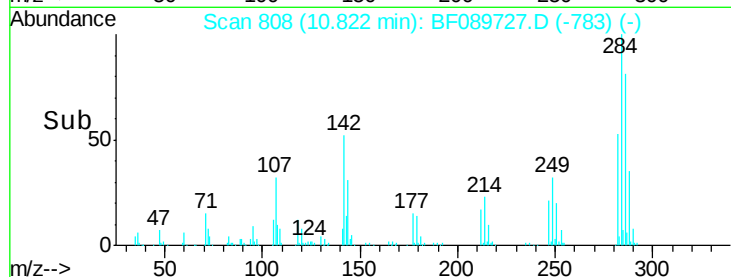
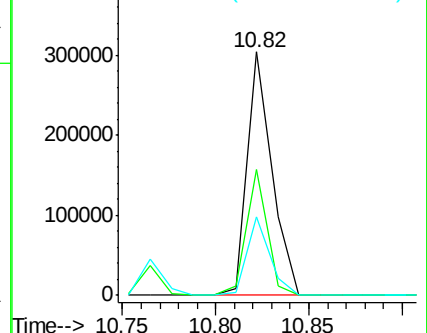
249 32.2 22.8 34.2



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: 11.73 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

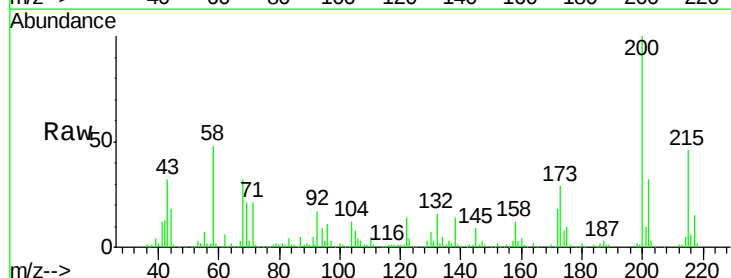
Tgt Ion:200 Resp: 249545

Ion Ratio Lower Upper

200 100

173 29.1 6.6 46.6

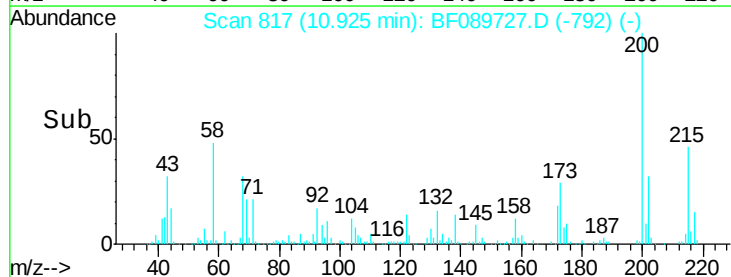
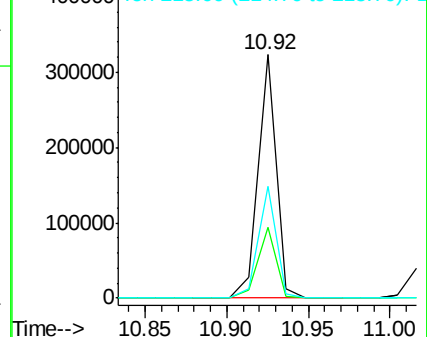
215 45.8 24.7 64.7

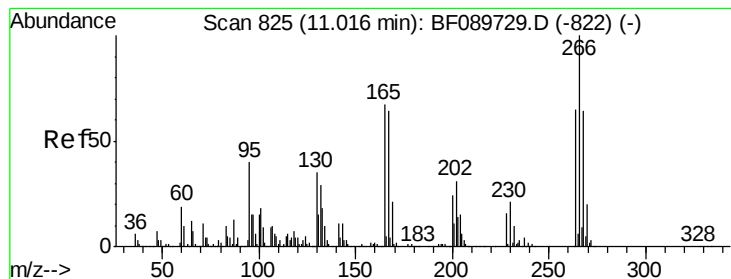


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 10.97 ng

RT: 11.02 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampled :

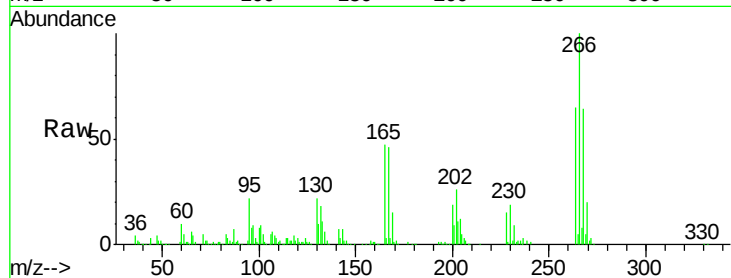
Tot Ion:266 Resp: 170200

Ion Ratio Lower Upper

266 100

268 63.6 53.2 79.8

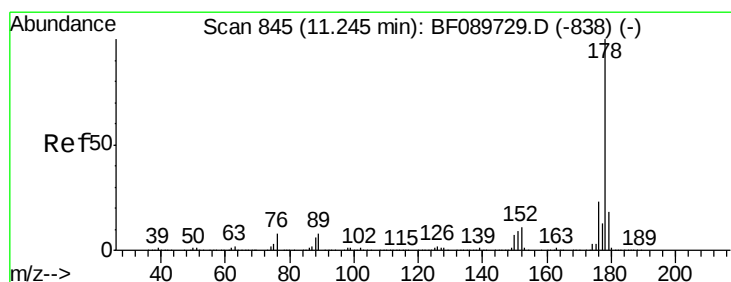
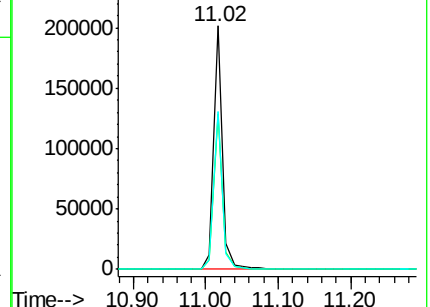
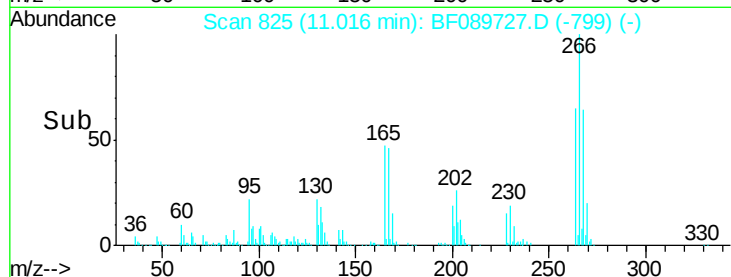
264 64.8 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 12.51 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

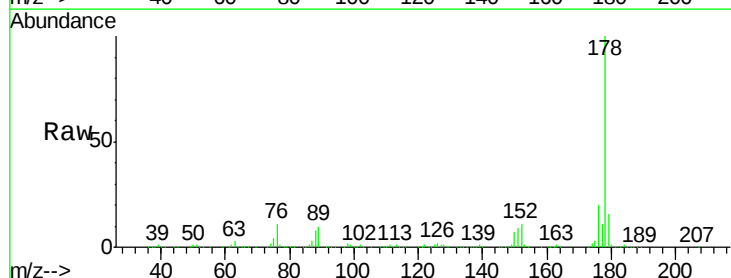
Tgt Ion:178 Resp: 1389797

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

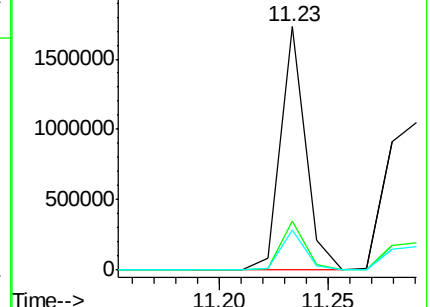
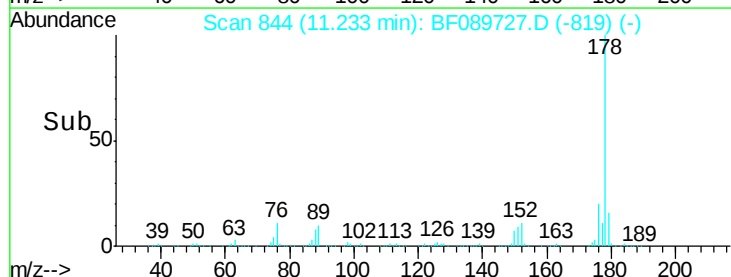
179 16.4 12.5 18.7

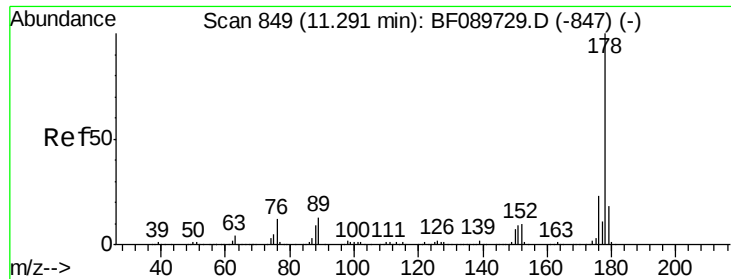


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

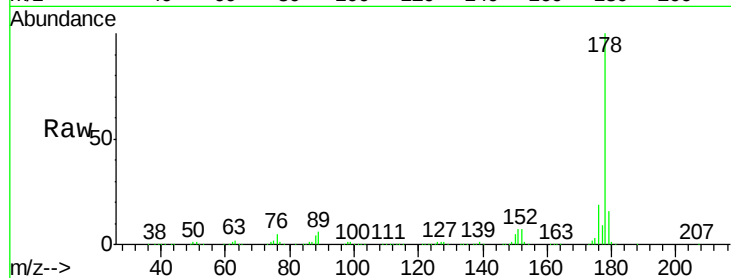




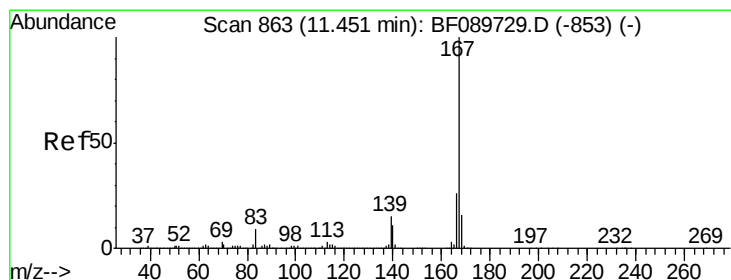
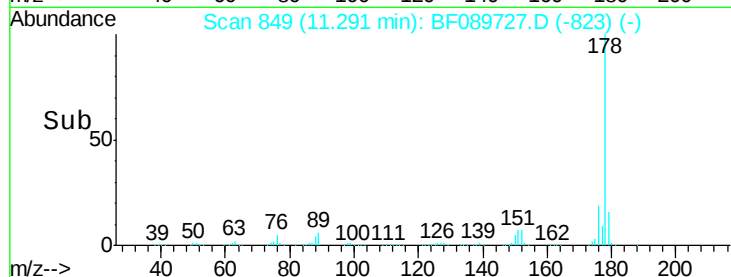
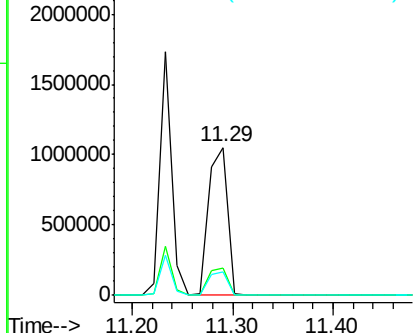
#71
 Anthracene
 Concen: 11.77 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1369002
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.4 24.6
 179 15.6 13.1 19.7

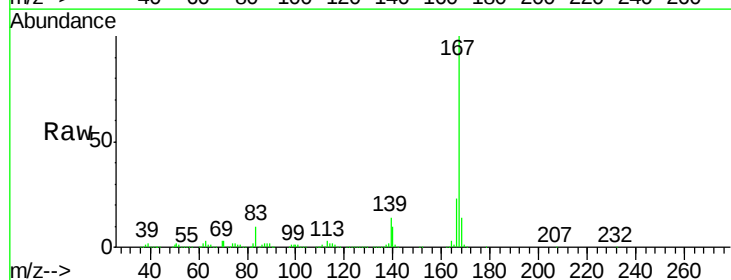


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

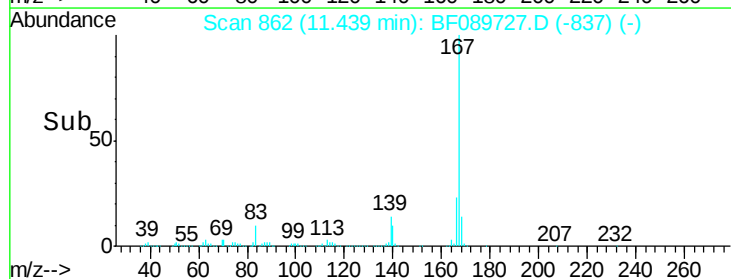
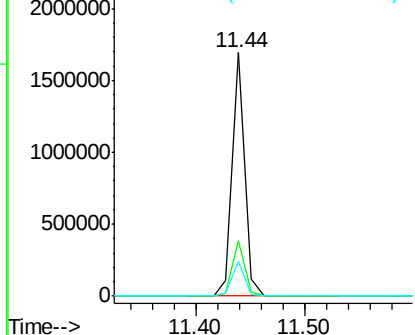


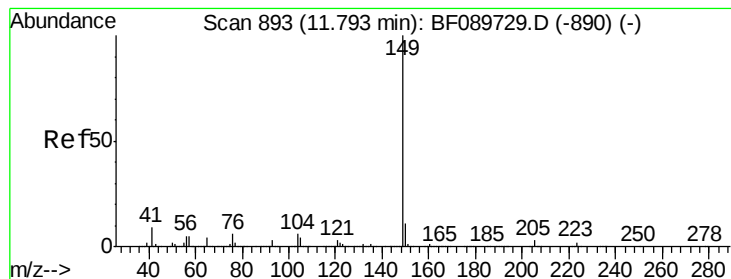
#72
 Carbazole
 Concen: 11.96 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion:167 Resp: 1325060
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 14.2 12.4 18.6



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: 12.72 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

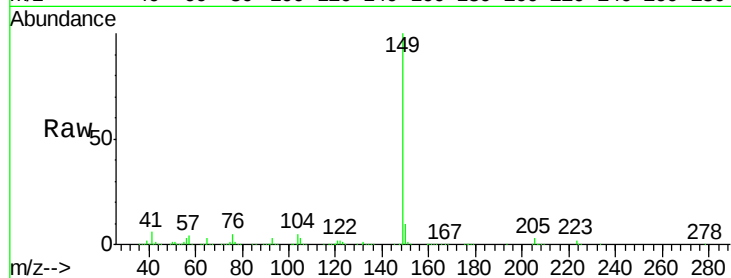
Tot Ion:149 Resp: 1625824

Ion Ratio Lower Upper

149 100

150 9.6 7.9 11.9

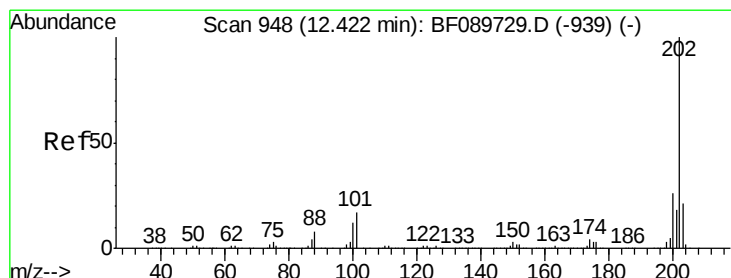
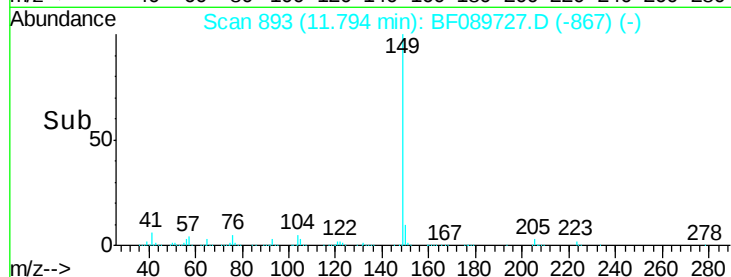
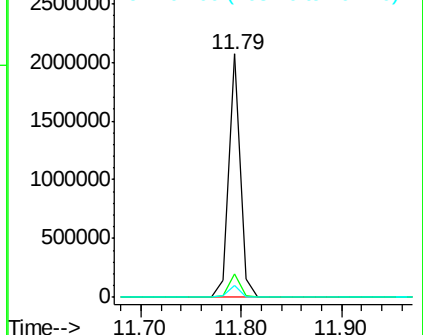
104 4.8 4.3 6.5



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: 11.24 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

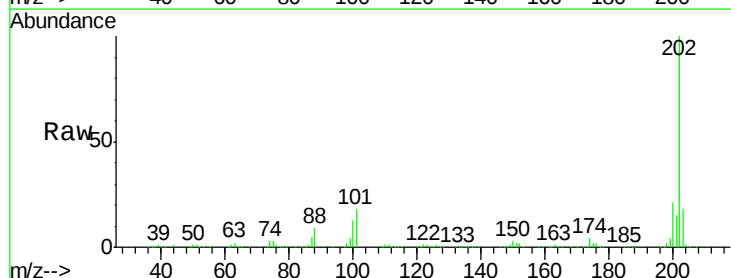
Tgt Ion:202 Resp: 1319988

Ion Ratio Lower Upper

202 100

101 18.0 0.0 31.2

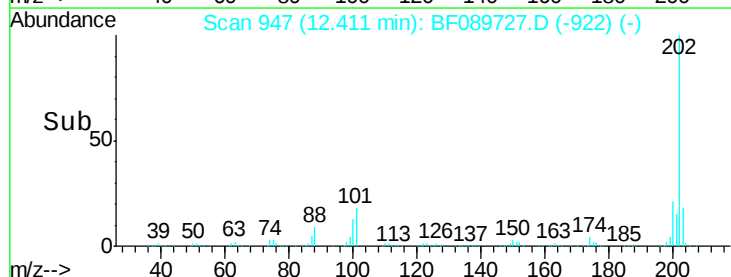
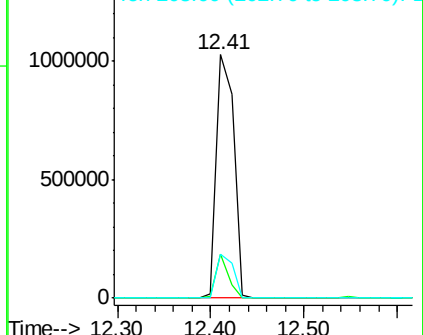
203 18.0 0.0 38.1

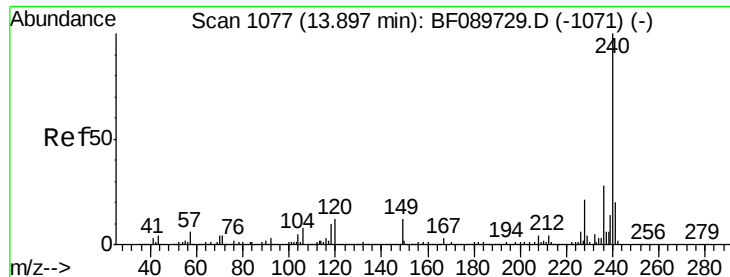


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

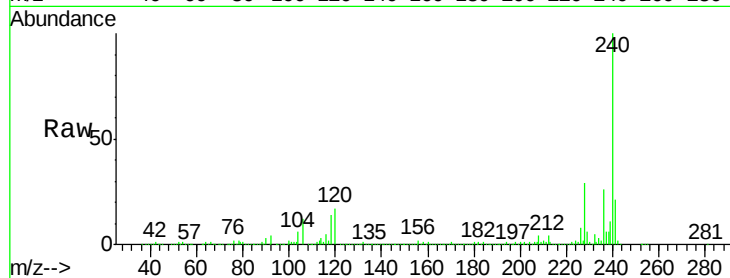
Tot Ion:240 Resp: 1911193

Ion Ratio Lower Upper

240 100

120 16.9 8.3 12.5#

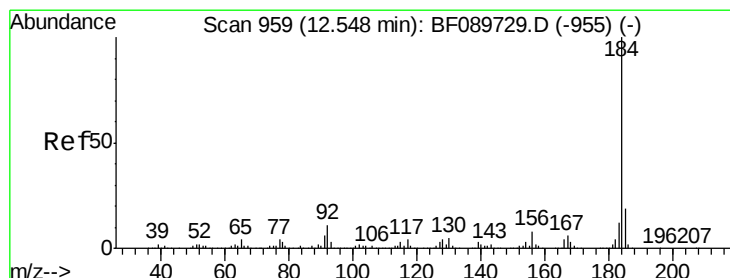
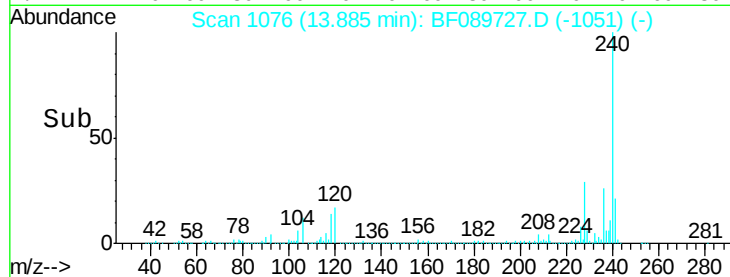
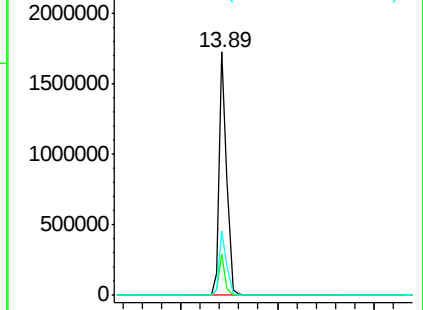
236 26.4 21.3 31.9



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: 11.21 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

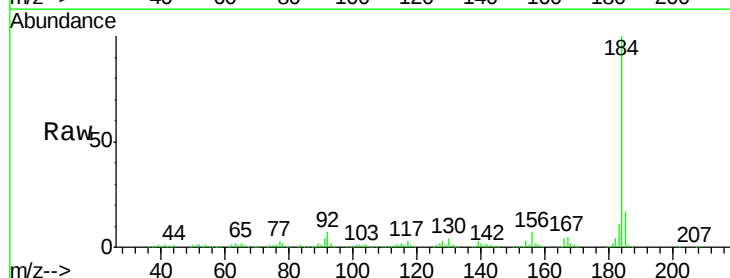
Tgt Ion:184 Resp: 733894

Ion Ratio Lower Upper

184 100

185 17.4 13.8 20.8

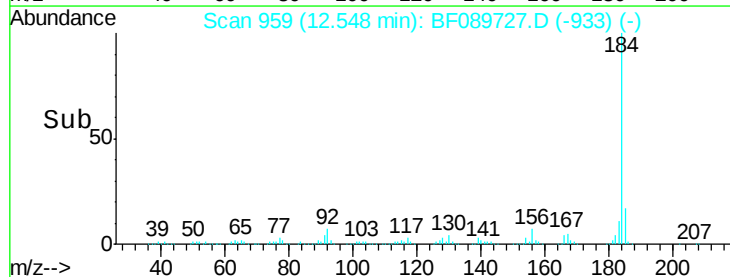
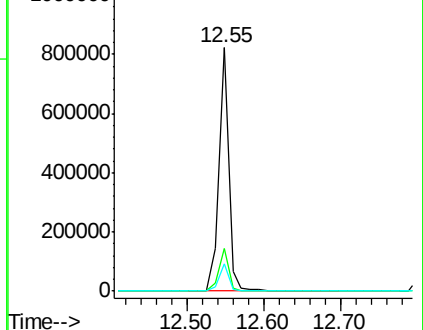
183 11.1 9.7 14.5

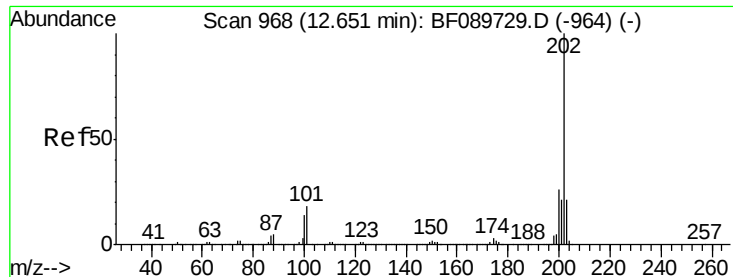


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

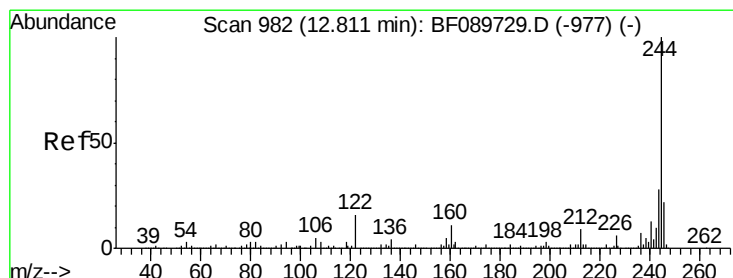
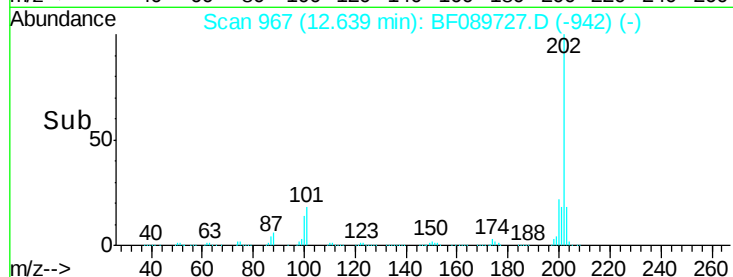
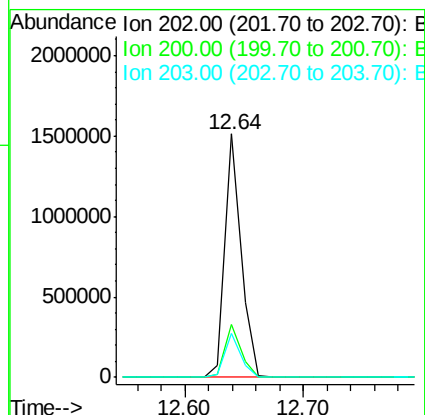
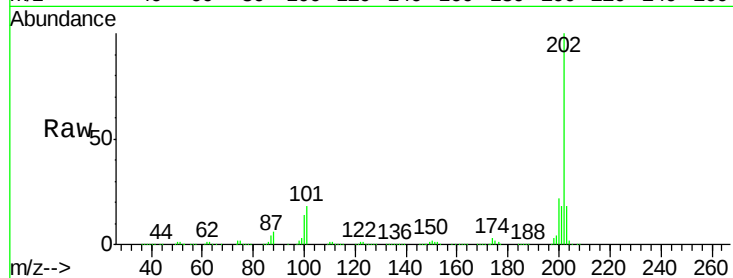




#77
Pvrene
Concen: 11.59 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

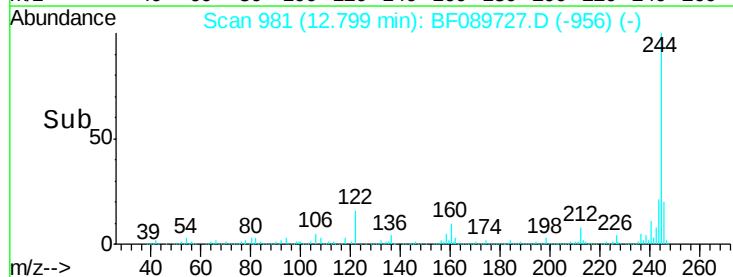
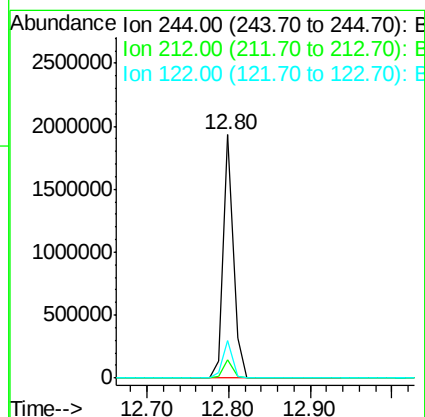
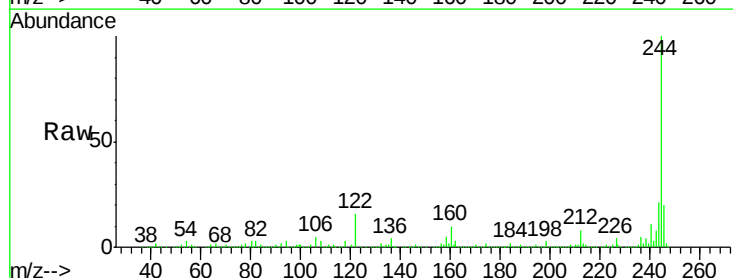
Instrument :
BNA_F
ClientSampleId :

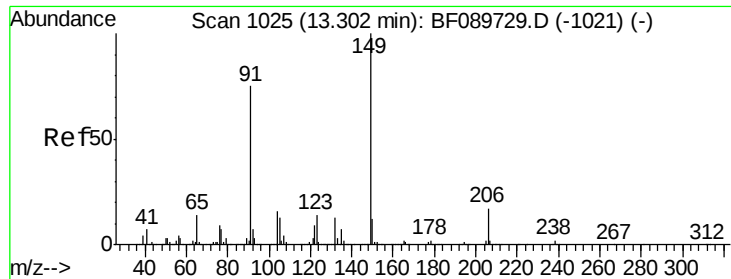
Tot Ion:202 Resp: 1420160
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 18.1 14.2 21.4



#78
Terphenyl-d14
Concen: 12.29 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:244 Resp: 1648333
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 15.5 12.0 18.0

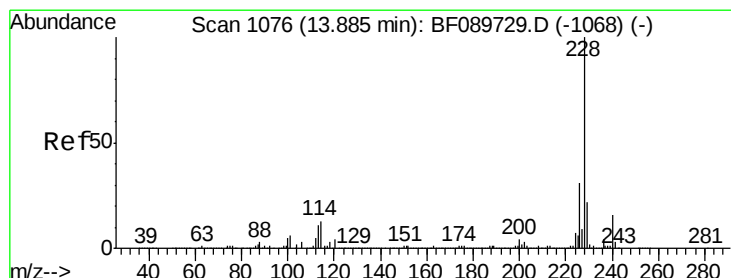
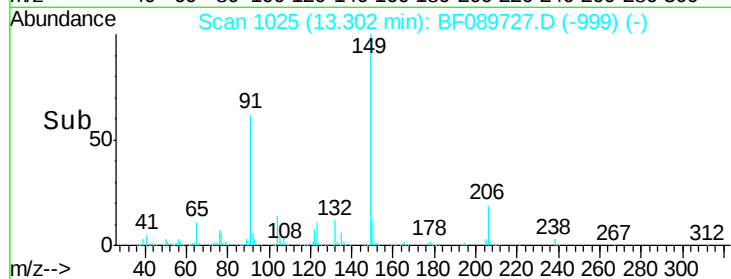
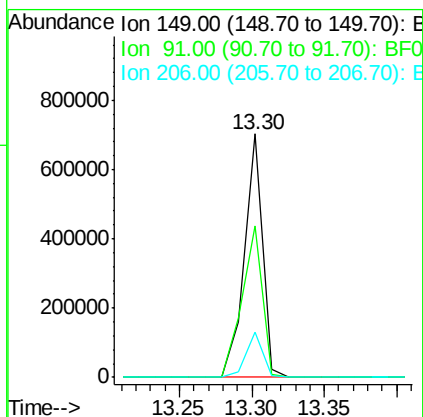
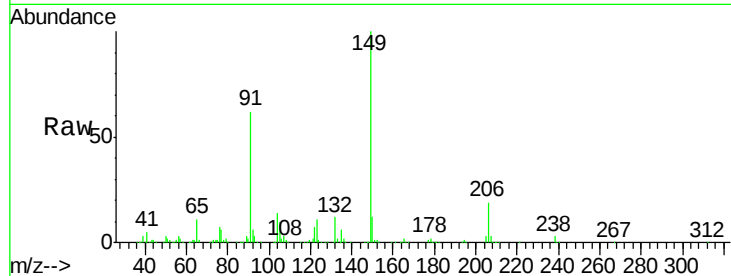




#79
Butylbenzylphthalate
Concen: 10.90 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

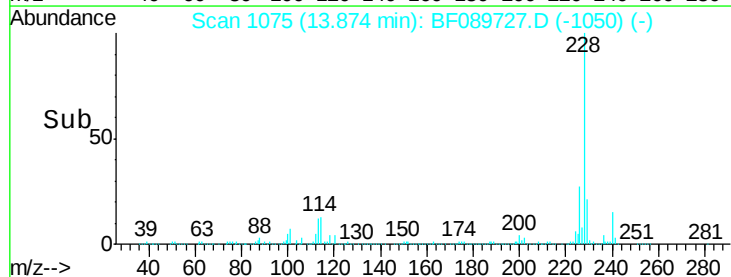
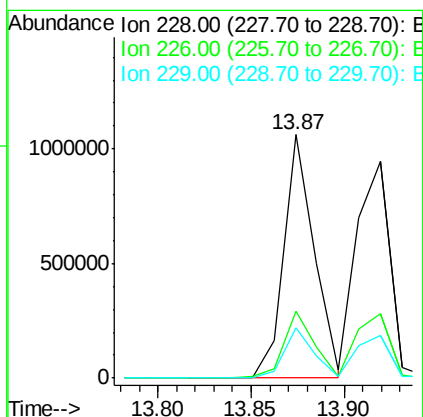
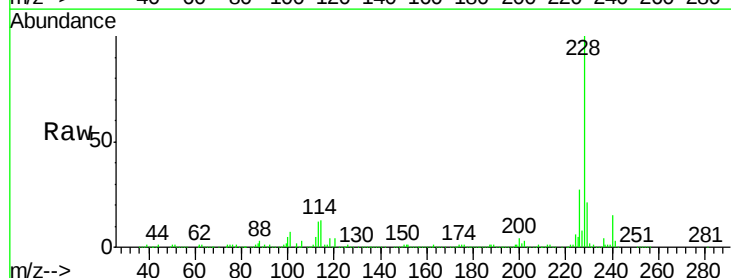
Instrument :
BNA_F
ClientSampleId :

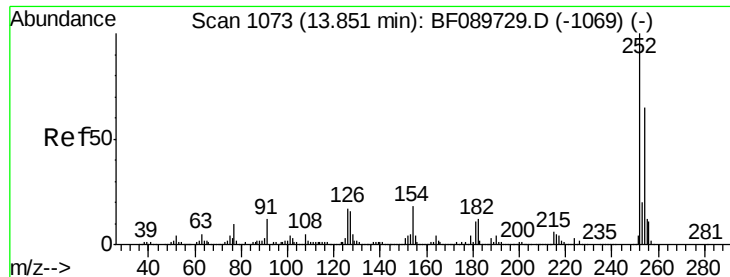
Tot Ion:149 Resp: 610216
Ion Ratio Lower Upper
149 100
91 62.2 50.7 76.1
206 18.6 15.5 23.3



#80
Benzo(a)anthracene
Concen: 11.01 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:228 Resp: 1208259
Ion Ratio Lower Upper
228 100
226 27.3 23.2 34.8
229 20.6 16.2 24.4

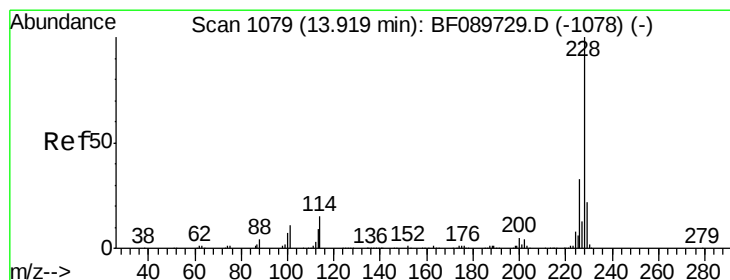
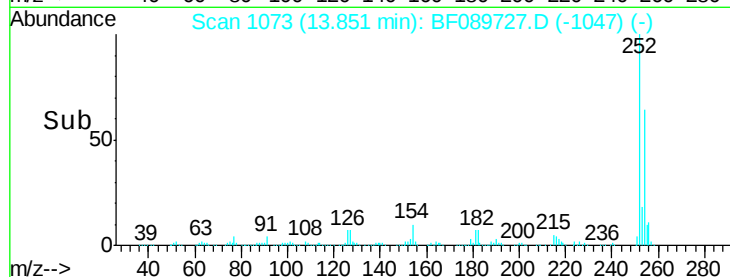
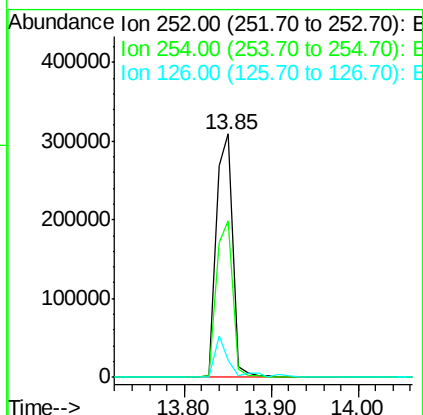
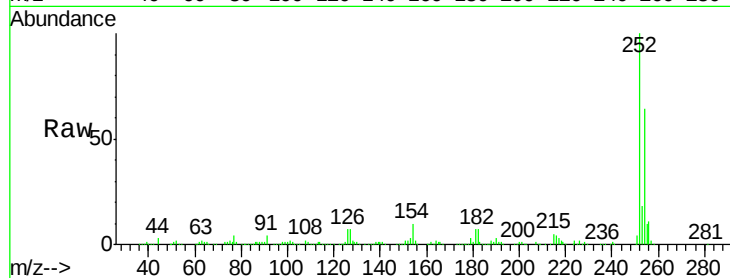




#81
 3,3'-Dichlorobenzidine
 Concen: 10.37 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

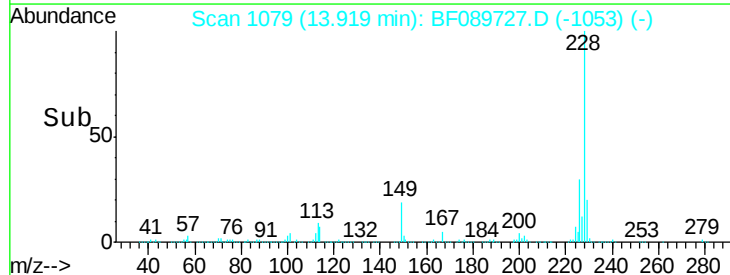
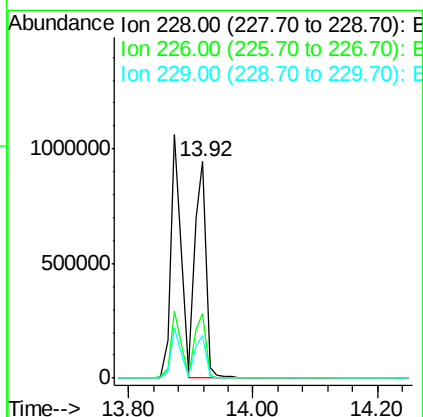
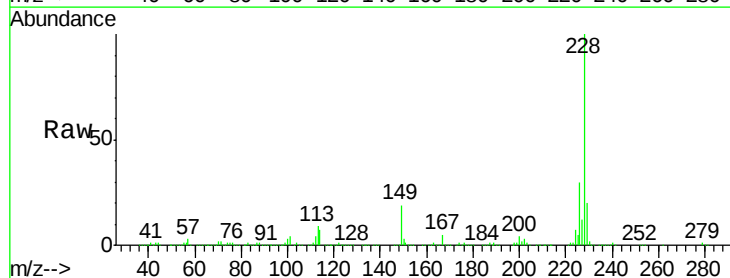
Instrument :
 BNA_F
 ClientSampleId :

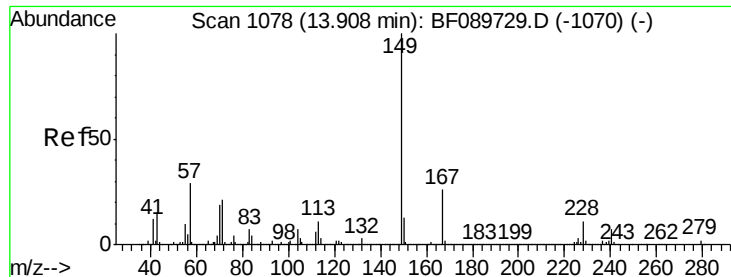
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.6	75.8
126	6.9	12.6	18.8



#82
 Chrysene
 Concen: 12.04 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	19.7	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.47 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Instrument :

BNA_F

ClientSampleId :

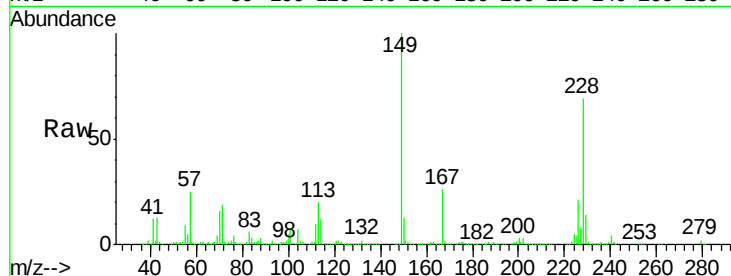
Tot Ion:149 Resp: 902582

Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

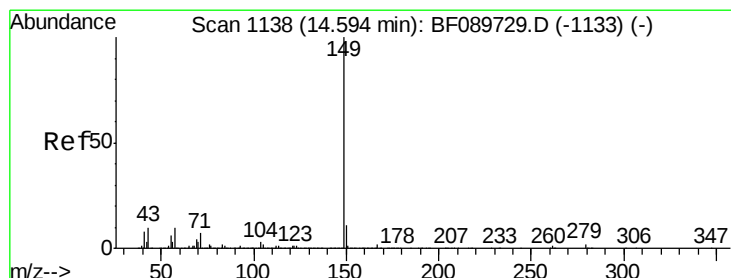
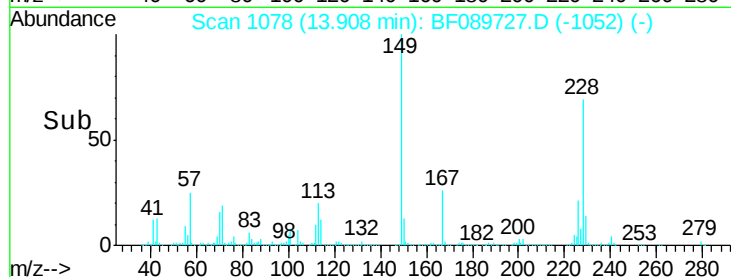
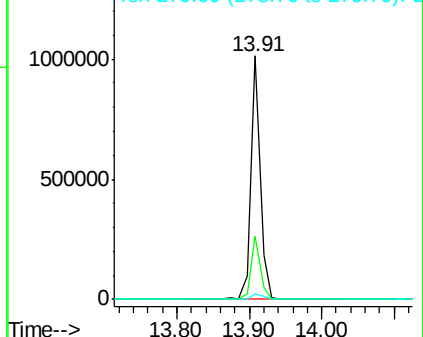
279 2.3 2.9 4.3#



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: 10.72 ng

RT: 14.59 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

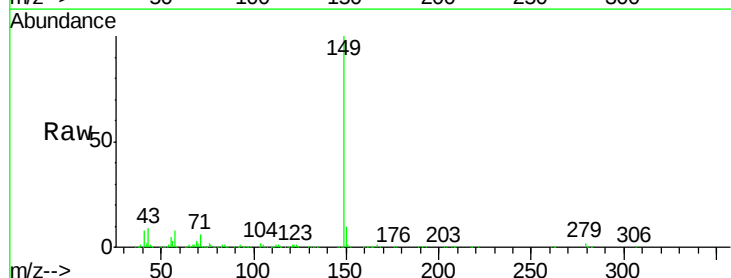
Tgt Ion:149 Resp: 1270156

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

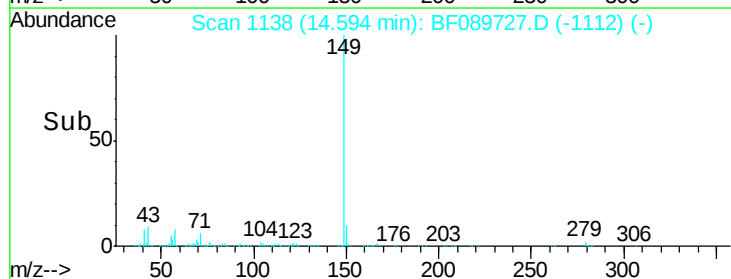
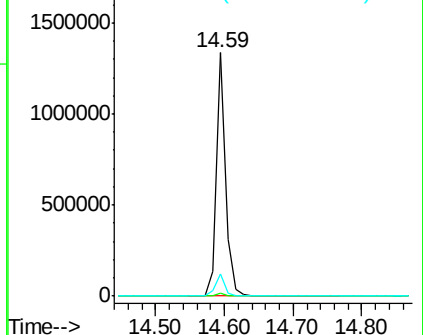
43 9.7 8.4 12.6

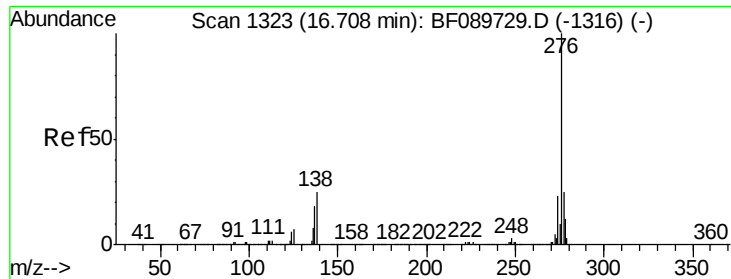


Abundance Ion 149.00 (148.70 to 149.70): E

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: 9.64 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

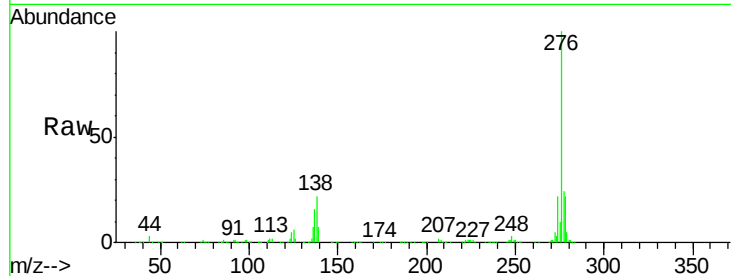
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 813810

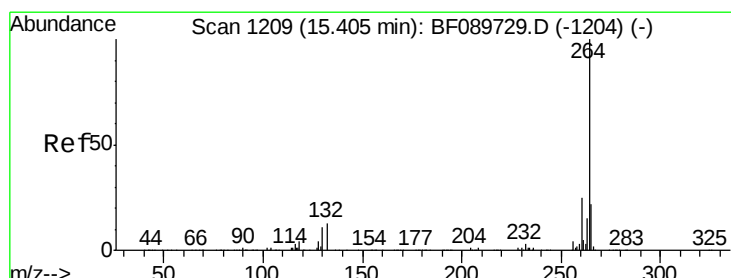
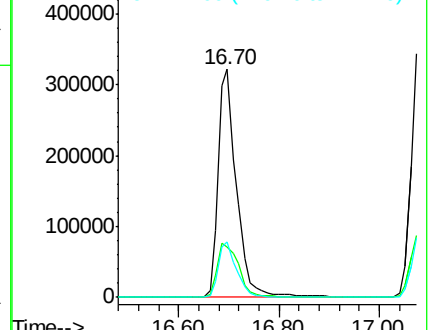
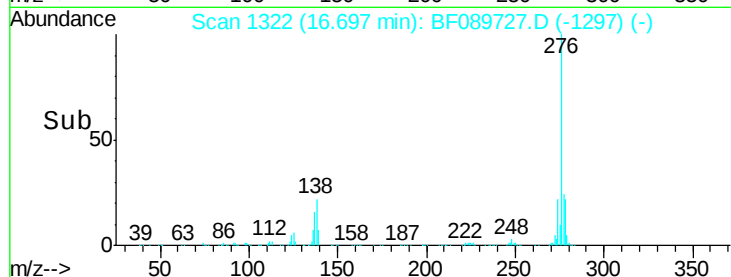
Ion	Ratio	Lower	Upper
276	100		
138	28.2	24.6	36.8
277	24.7	20.4	30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1208

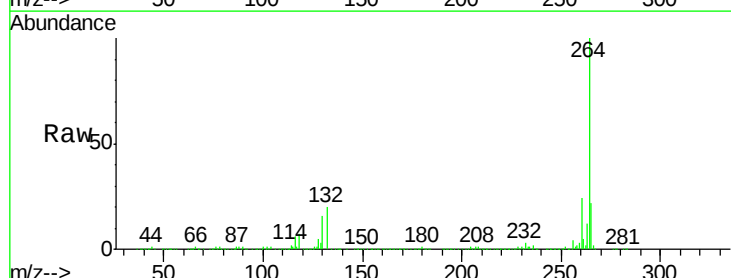
Delta R.T. -0.01 min

Lab File: BF089727.D

Acq: 16 Aug 2016 16:23

Tgt Ion:264 Resp: 1617990

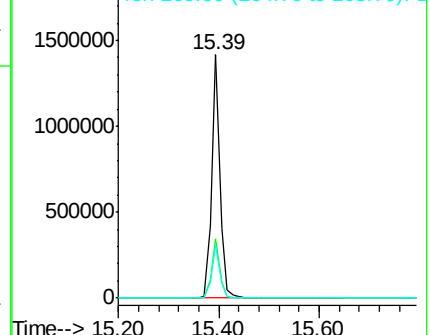
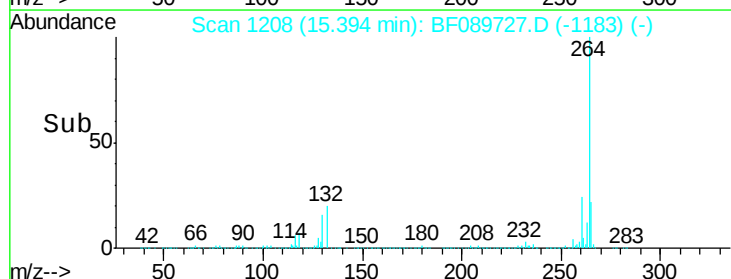
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	22.0	17.4	26.2

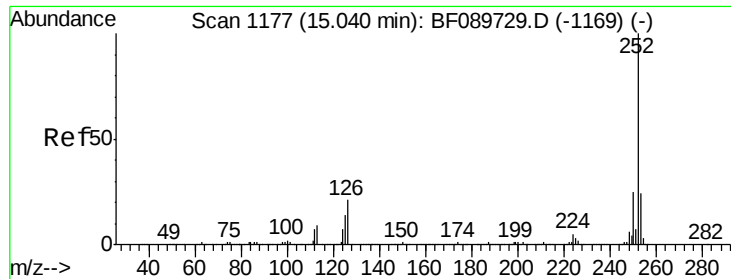


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

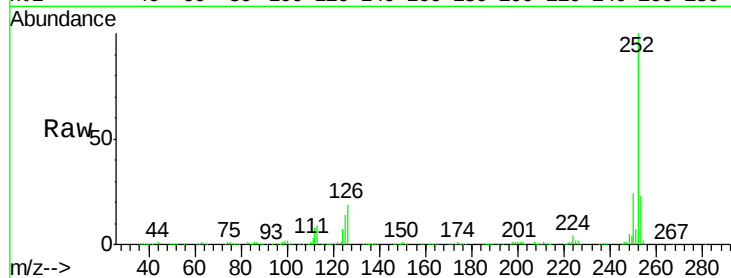




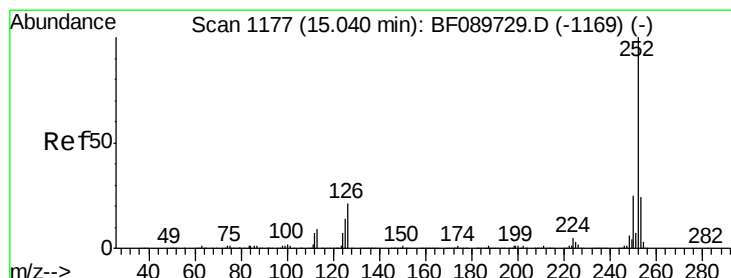
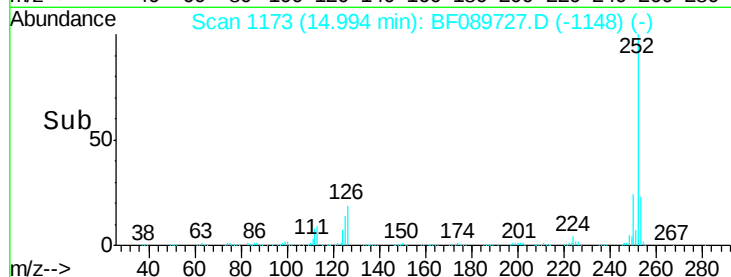
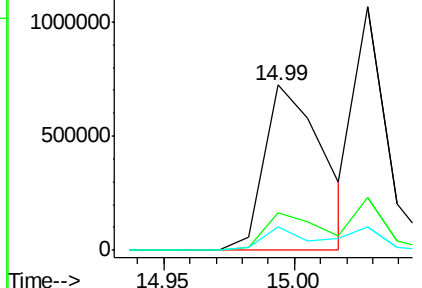
#87
Benzo(b)fluoranthene
Concen: 11.37 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1138209
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 13.8 11.4 17.2

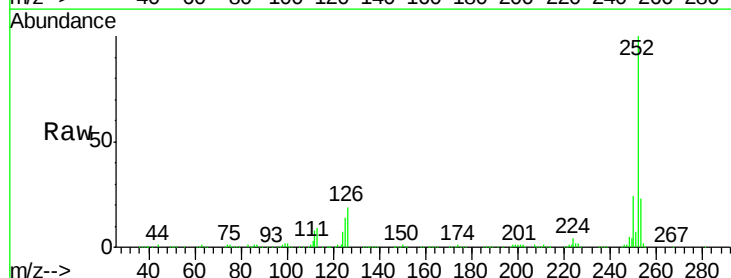


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

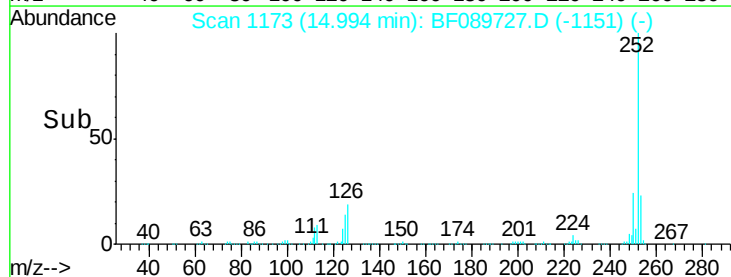
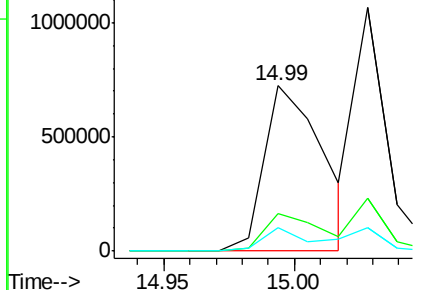


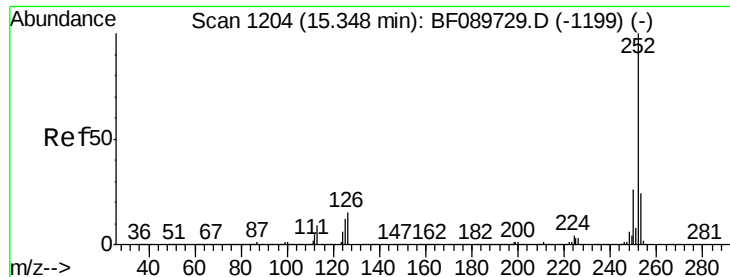
#88
Benzo(k)fluoranthene
Concen: 14.21 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.05 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:252 Resp: 1138209
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 13.8 9.8 14.6



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

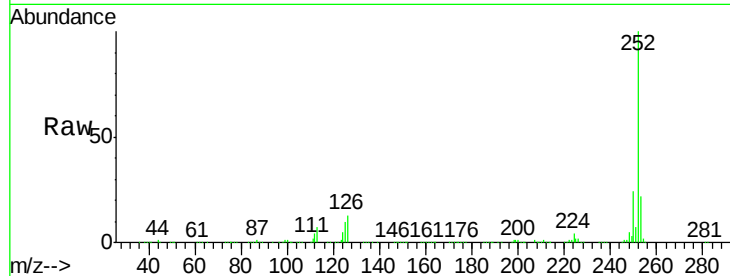




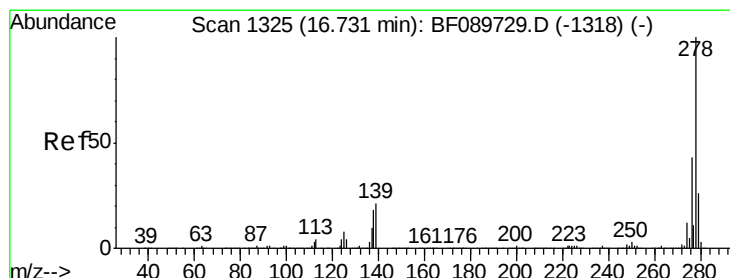
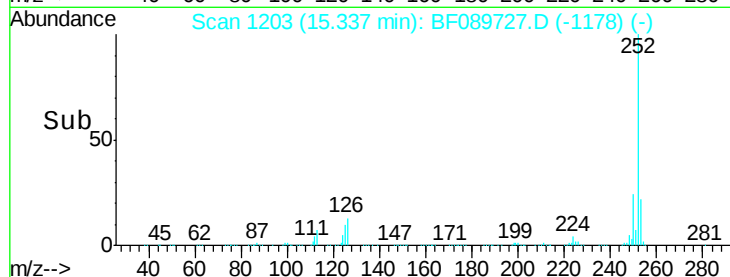
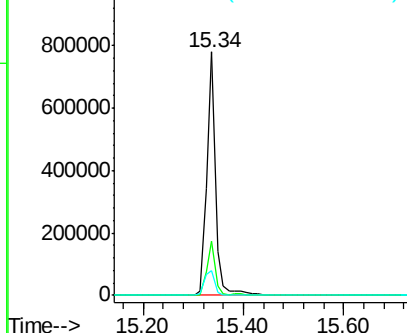
#89
Benzo(a)pyrene
Concen: 11.24 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 944195
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.3 11.7 17.5#

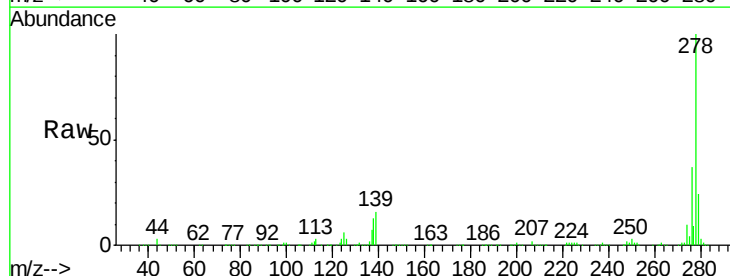


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

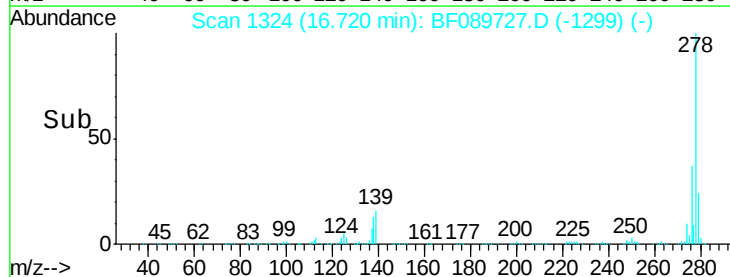
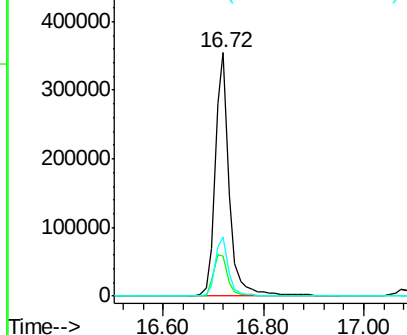


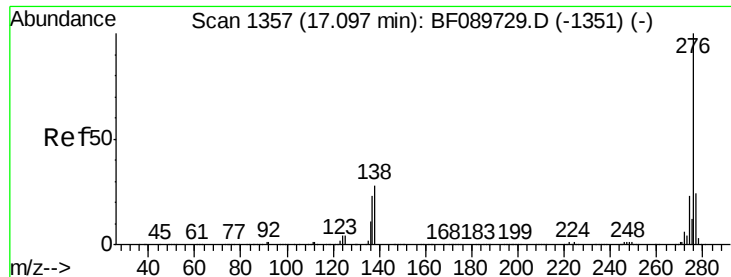
#90
Dibenzo(a,h)anthracene
Concen: 10.35 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF089727.D
Acq: 16 Aug 2016 16:23

Tgt Ion:278 Resp: 682631
Ion Ratio Lower Upper
278 100
139 16.3 14.9 22.3
279 24.4 19.2 28.8



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

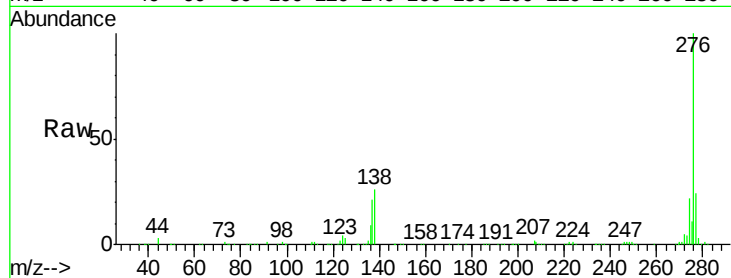




#91
 Benzo(a,h,i)perylene
 Concen: 10.17 ng
 RT: 17.07 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF089727.D
 Acq: 16 Aug 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	25.6	22.1	33.1



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

