

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089729.D
 Acq On : 16 Aug 2016 17:16
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 18:37:18 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	6.70	152	658812	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2723206	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1291149	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2435442	20.00	ng	0.00
75) Chrysene-d12	13.90	240	2039087	20.00	ng	0.00
86) Perylene-d12	15.41	264	1779217	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3283063	39.88	ng	0.00
7) Phenol-d6	6.33	99	4071688	39.67	ng	0.00
23) Nitrobenzene-d5	7.27	82	3452107	38.41	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	929115	36.24	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	5408644	36.52	ng	0.00
78) Terphenyl-d14	12.81	244	4818932	33.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	771847	36.09	ng	97
3) Pyridine	2.86	79	2126789	39.92	ng	96
4) n-Nitrosodimethylamine	2.81	42	862034	38.61	ng	# 94
6) Aniline	6.36	93	2702237	38.10	ng	99
8) 2-Chlorophenol	6.48	128	1775536	39.10	ng	96
9) Benzaldehyde	6.24	77	1270502	36.63	ng	94
10) Phenol	6.35	94	2560481	41.53	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	1918897	42.56	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1891790	38.48	ng	98
13) 1,4-Dichlorobenzene	6.72	146	2028302	41.01	ng	98
14) 1,2-Dichlorobenzene	6.88	146	1847155	39.08	ng	97
15) Benzyl Alcohol	6.84	79	1252823	33.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2322601	40.33	ng	95
17) 2-Methylphenol	6.96	107	1495541	39.51	ng	98
18) Hexachloroethane	7.22	117	757037	40.90	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	1238828	37.09	ng	96
20) 3+4-Methylphenols	7.12	107	1653744	35.53	ng	93
22) Acetophenone	7.12	105	2429854	37.41	ng	92
24) Nitrobenzene	7.29	77	2130708	44.17	ng	94
25) Isophorone	7.53	82	3463016	38.53	ng	99
26) 2-Nitrophenol	7.61	139	979252	43.79	ng	94
27) 2,4-Dimethylphenol	7.66	122	1863777	41.90	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	1956844	34.26	ng	98
29) 2,4-Dichlorophenol	7.85	162	1560576	41.28	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	1512437	37.98	ng	99
31) Naphthalene	8.01	128	4569847	37.29	ng	95
32) Benzoic acid	7.78	122	1414680	49.63	ng	99
33) 4-Chloroaniline	8.07	127	2181382	37.22	ng	99
34) Hexachlorobutadiene	8.14	225	819385	40.36	ng	98
35) Caprolactam	8.44	113	448082	38.38	ng	# 81
36) 4-Chloro-3-methylphenol	8.55	107	1697004	43.08	ng	95
37) 2-Methylnaphthalene	8.71	142	3350284	39.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1460393	40.45	ng	98
40) Hexachlorocyclopentadiene	8.87	237	773814	38.80	ng	97

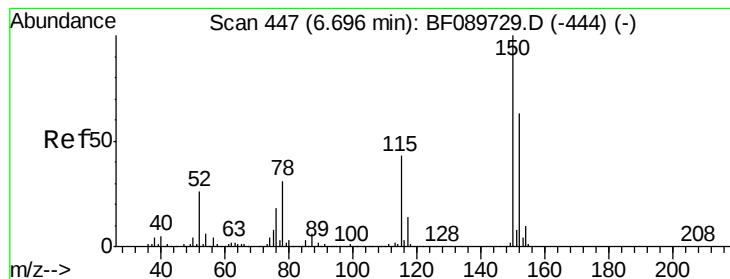
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1098981	42.43	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	926572	37.56	nq	96
45) 1,1'-Biphenyl	9.16	154	3867151	36.16	nq	98
46) 2-Chloronaphthalene	9.19	162	2981063	38.44	nq	98
47) 2-Nitroaniline	9.28	65	946422	37.74	nq	95
48) Acenaphthylene	9.60	152	4708751	38.56	nq	96
49) Dimethylphthalate	9.48	163	3704220	40.94	nq	# 99
50) 2,6-Dinitrotoluene	9.53	165	780070	38.91	nq	# 85
51) Acenaphthene	9.77	154	3196337	39.99	nq	99
52) 3-Nitroaniline	9.69	138	1013728	38.99	nq	95
53) 2,4-Dinitrophenol	9.79	184	372127	52.25	nq	# 87
54) Dibenzofuran	9.94	168	3797818	33.51	nq	99
55) 4-Nitrophenol	9.85	139	797224	40.11	nq	85
56) 2,4-Dinitrotoluene	9.93	165	1158122	44.73	nq	# 71
57) Fluorene	10.28	166	2916788	35.89	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	786055	36.89	nq	98
59) Diethylphthalate	10.18	149	3891593	42.08	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	1374685	38.32	nq	96
61) 4-Nitroaniline	10.31	138	963904	41.99	nq	92
62) Azobenzene	10.44	77	3760687	37.52	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	507860	38.88	nq	80
65) n-Nitrosodiphenylamine	10.40	169	2920170	37.13	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	1044747	41.90	nq	# 91
67) Hexachlorobenzene	10.83	284	1137140	40.63	nq	# 88
68) Atrazine	10.94	200	909103	39.31	nq	96
69) Pentachlorophenol	11.02	266	691005	40.95	nq	98
70) Phenanthrene	11.24	178	5017363	41.53	nq	94
71) Anthracene	11.29	178	4317509	34.15	nq	96
72) Carbazole	11.45	167	4847857	40.24	nq	95
73) Di-n-butylphthalate	11.79	149	5273126	37.95	nq	97
74) Fluoranthene	12.42	202	4409194	34.54	nq	91
76) Benzidine	12.55	184	2639355	37.79	nq	97
77) Pyrene	12.65	202	4773559	36.52	nq	92
79) Butylbenzylphthalate	13.30	149	2356027	39.44	nq	87
80) Benzo(a)anthracene	13.89	228	4483207	38.30	nq	97
81) 3,3'-Dichlorobenzidine	13.85	252	1611571	37.51	nq	98
82) Chrysene	13.92	228	3750910	35.68	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	3304200	39.36	nq	# 99
84) Di-n-octyl phthalate	14.59	149	5195843	41.11	nq	97
85) Indeno(1,2,3-cd)pyrene	16.71	276	3593726	39.92	nq	99
87) Benzo(b)fluoranthene	15.04	252	7601721	69.04	nq	97
88) Benzo(k)fluoranthene	15.04	252	7607041	86.38	nq	96
89) Benzo(a)pyrene	15.35	252	3662129	39.65	nq	96
90) Dibenzo(a,h)anthracene	16.73	278	2915872	40.20	nq	96
91) Benzo(g,h,i)perylene	17.10	276	2935069	39.92	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

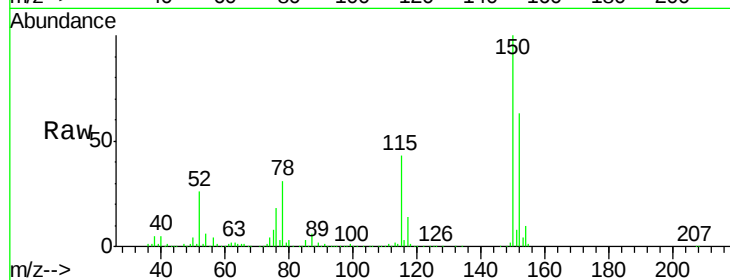
Tot Ion:152 Resp: 658812

Ion Ratio Lower Upper

152 100

150 159.3 125.3 187.9

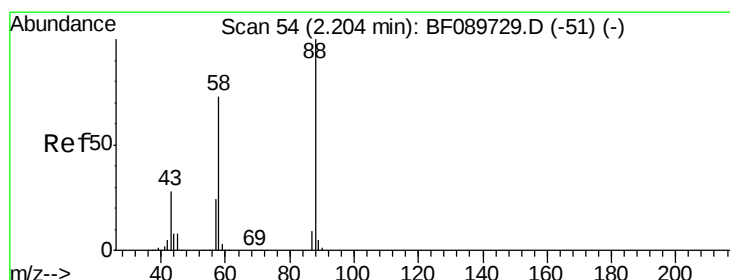
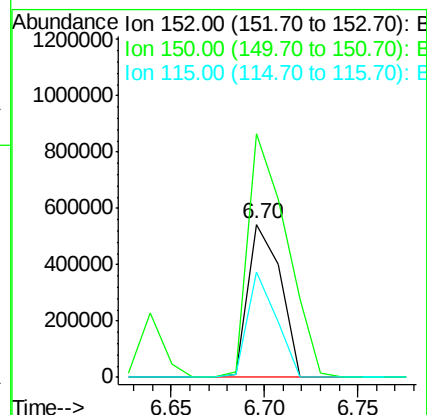
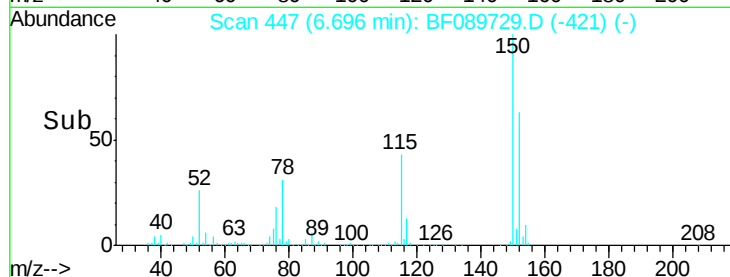
115 68.8 40.9 61.3#



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: 36.09 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

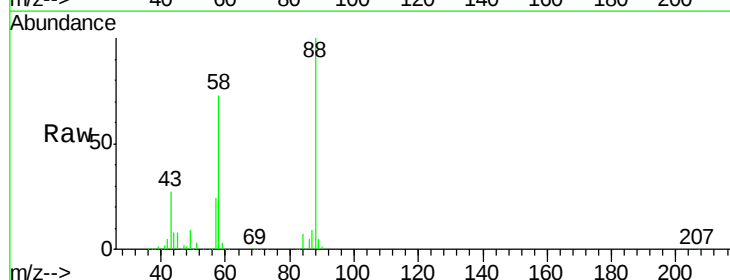
Tgt Ion: 88 Resp: 771847

Ion Ratio Lower Upper

88 100

58 68.8 57.0 85.4

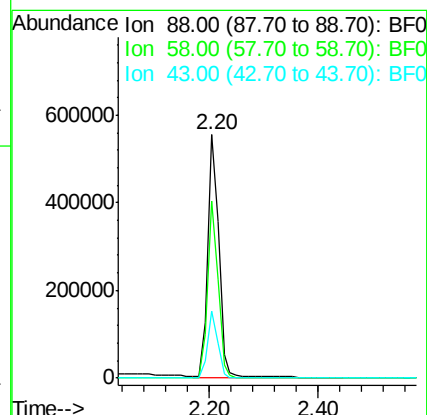
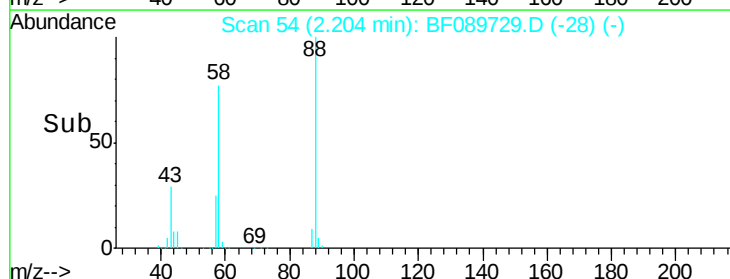
43 25.7 21.8 32.8

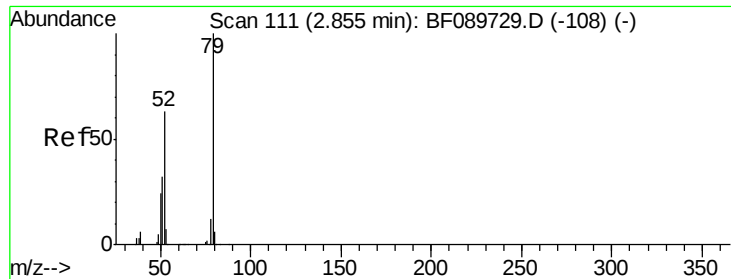


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.92 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampled :

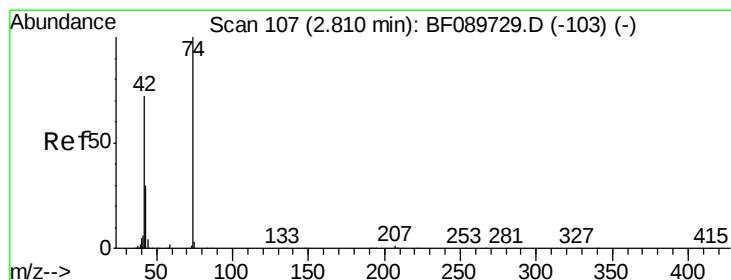
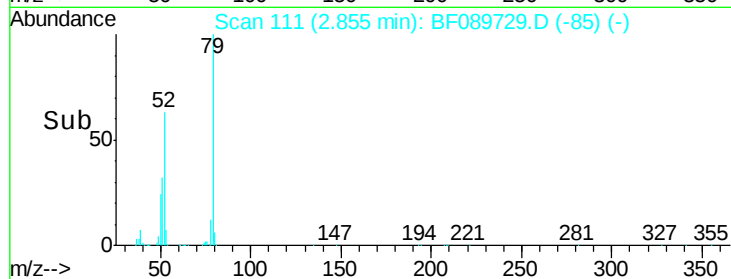
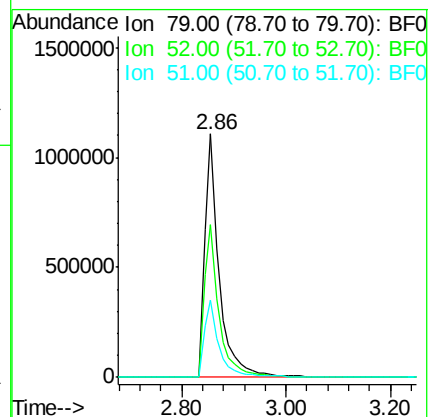
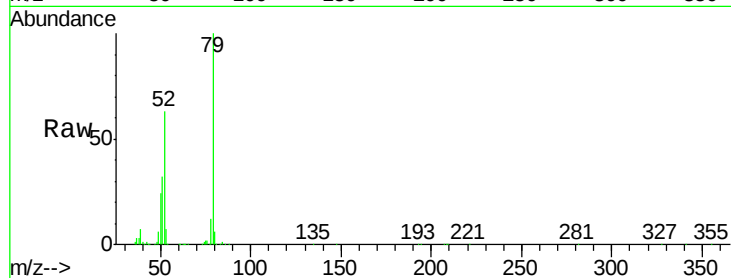
Tot Ion: 79 Resp: 2126789

Ion Ratio Lower Upper

79 100

52 62.7 53.6 80.4

51 32.0 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 38.61 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

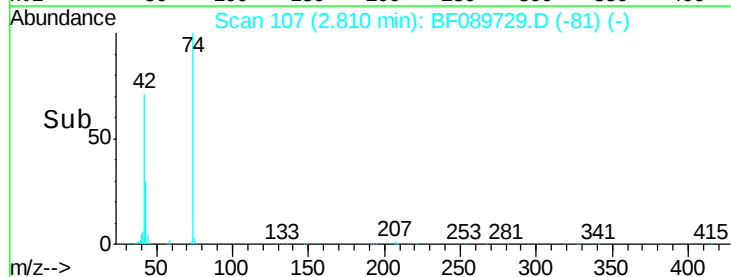
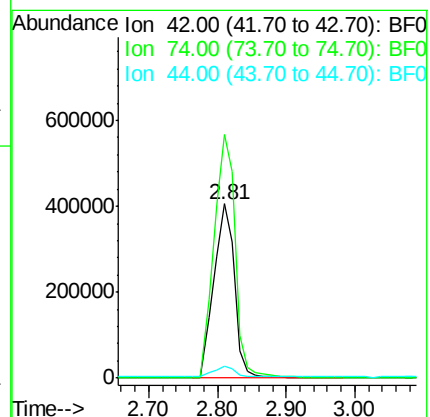
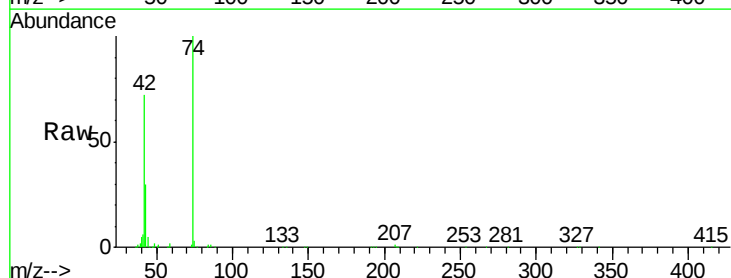
Tgt Ion: 42 Resp: 862034

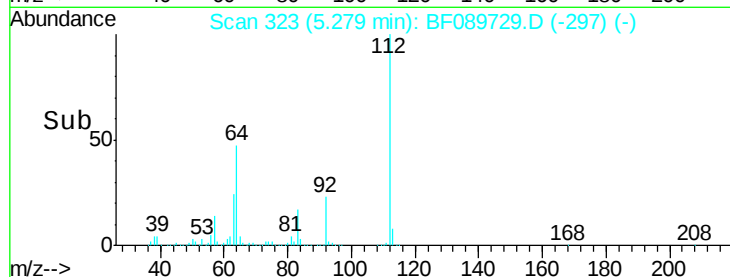
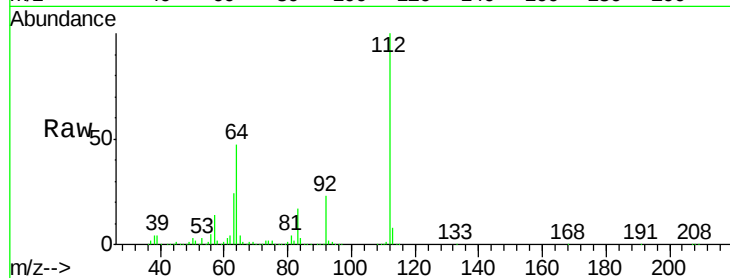
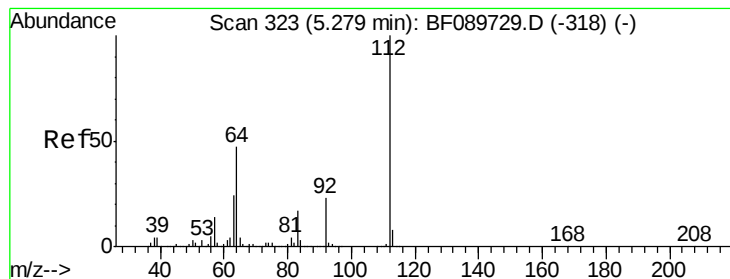
Ion Ratio Lower Upper

42 100

74 139.8 106.2 159.2

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 39.88 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

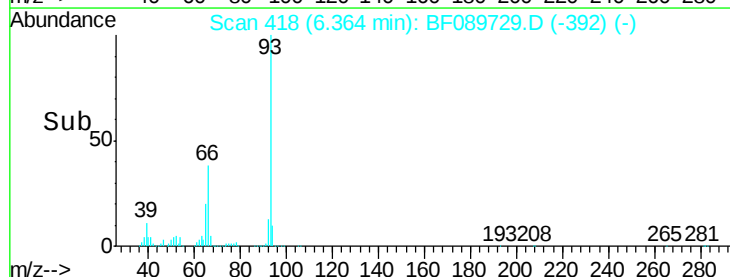
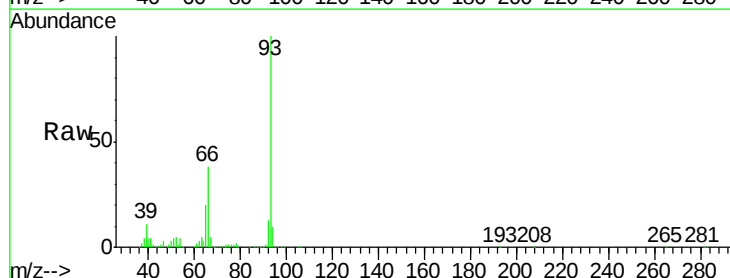
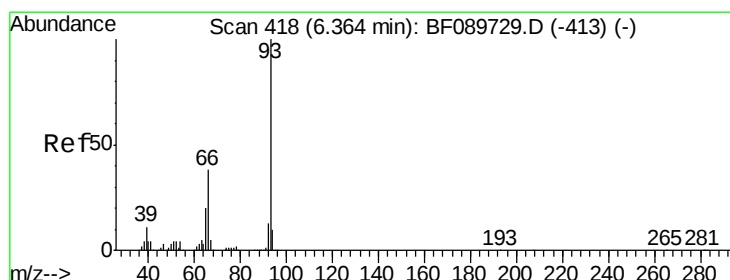
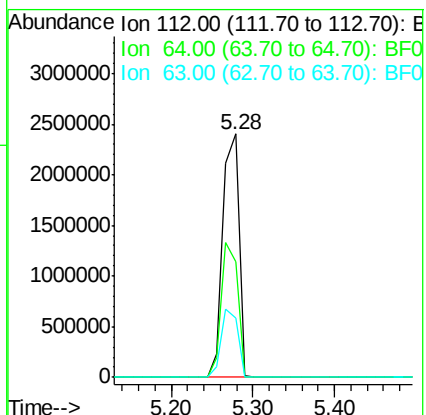
Tot Ion:112 Resp: 3283063

Ion Ratio Lower Upper

112 100

64 47.4 45.0 67.4

63 24.4 23.1 34.7



#6

Aniline

Concen: 38.10 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

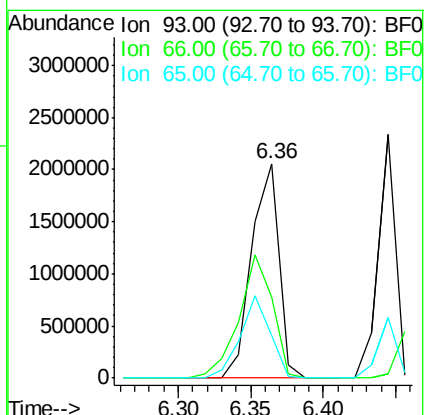
Tgt Ion: 93 Resp: 2702237

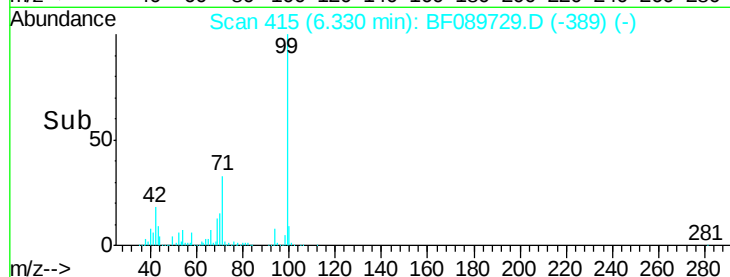
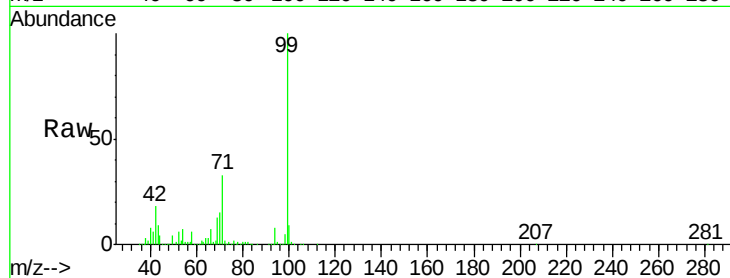
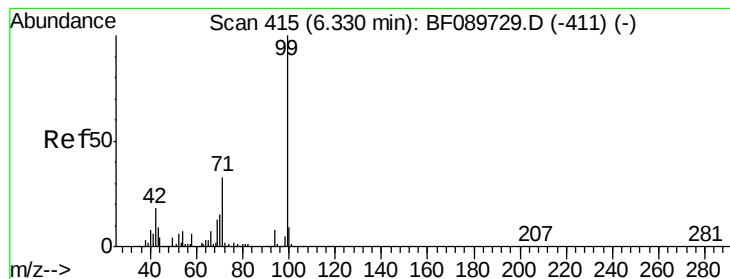
Ion Ratio Lower Upper

93 100

66 37.9 30.6 46.0

65 19.8 15.4 23.2





#7

Phenol-d6

Concen: 39.67 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

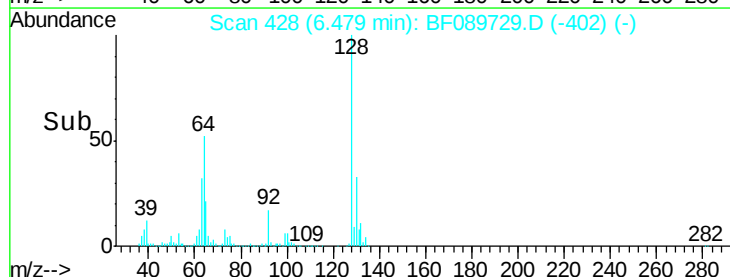
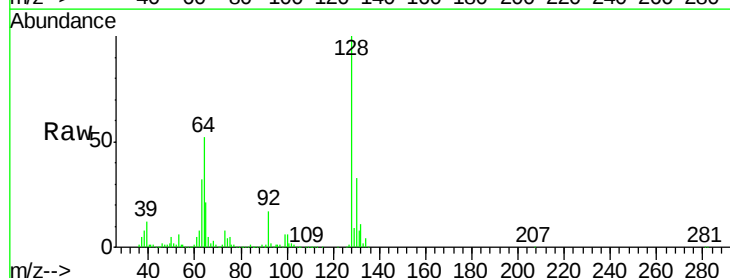
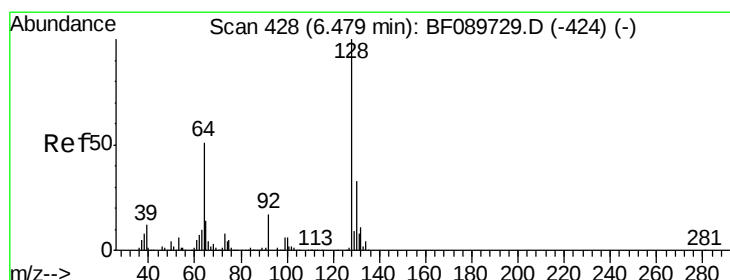
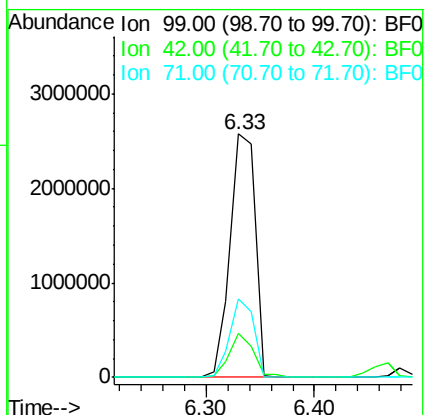
Tot Ion: 99 Resp: 4071688

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.4

71 32.5 23.8 35.8



#8

2-Chlorophenol

Concen: 39.10 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

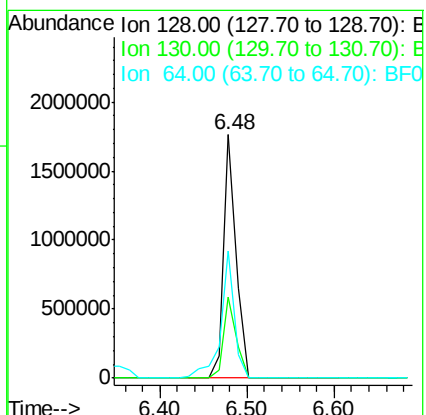
Tgt Ion: 128 Resp: 1775536

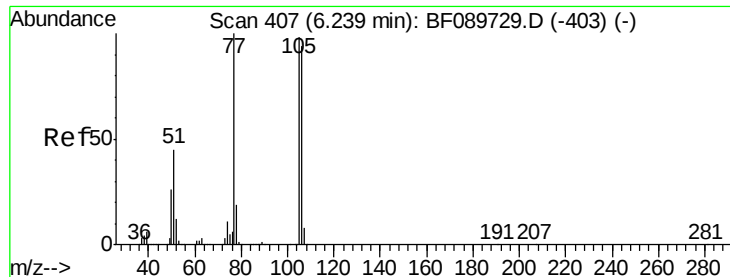
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 52.0 35.1 75.1





#9

Benzaldehyde

Concen: 36.63 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

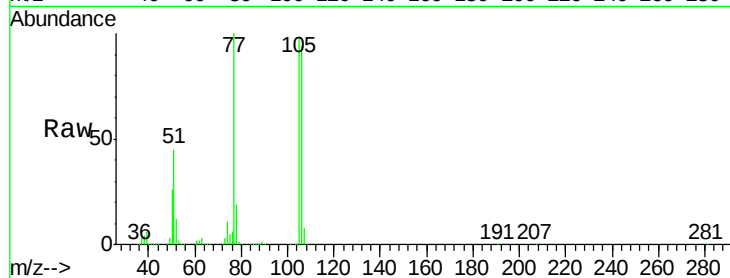
Tot Ion: 77 Resp: 1270502

Ion Ratio Lower Upper

77 100

105 98.2 73.3 113.3

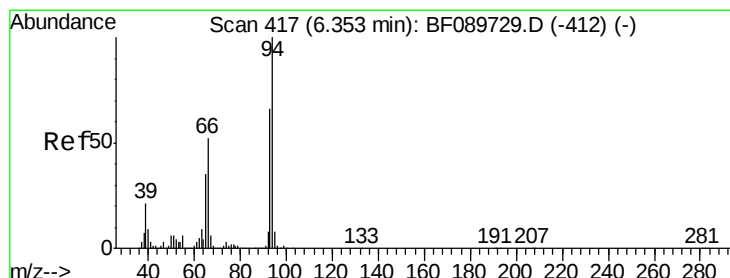
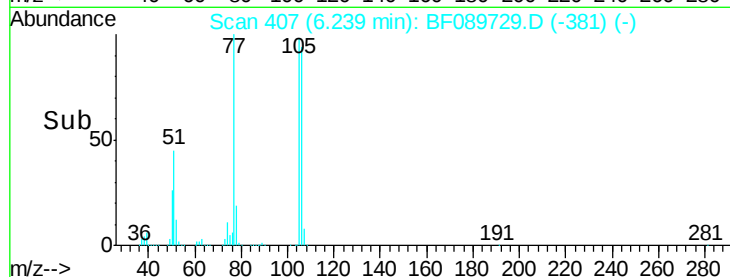
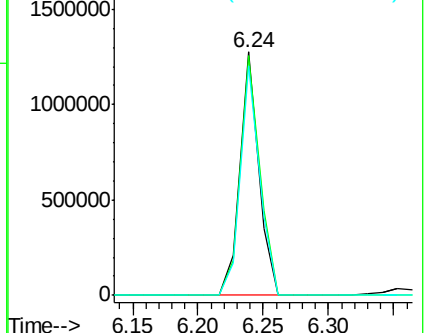
106 94.1 68.6 108.6



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: 41.53 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

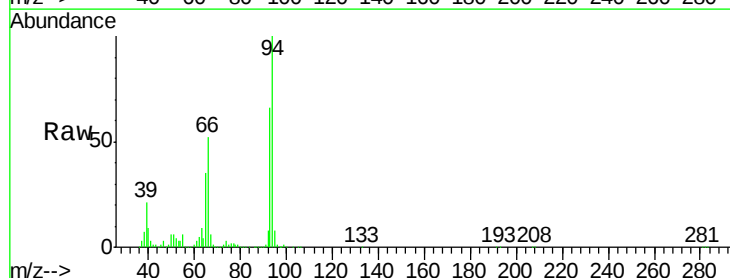
Tgt Ion: 94 Resp: 2560481

Ion Ratio Lower Upper

94 100

65 34.7 14.0 54.0

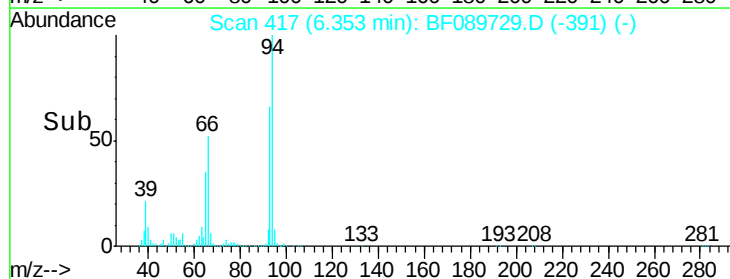
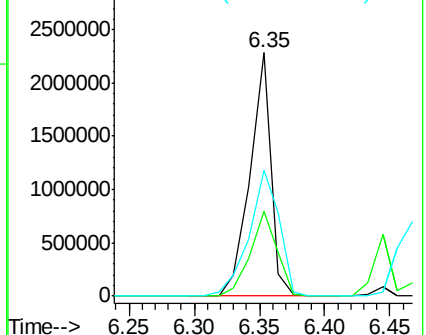
66 51.9 31.2 71.2

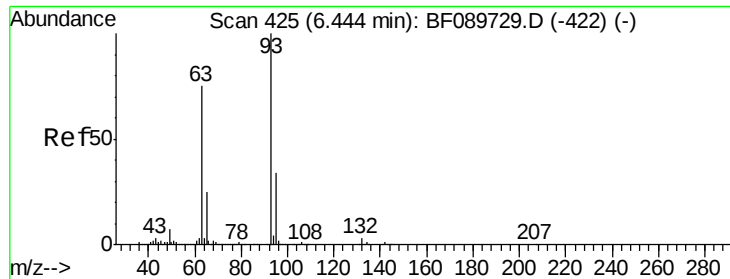


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

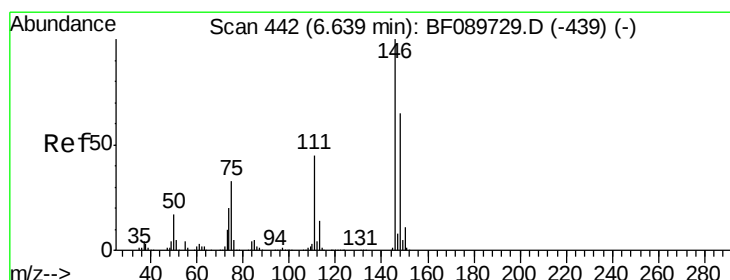
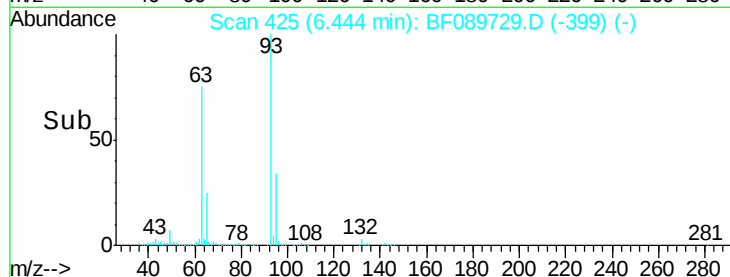
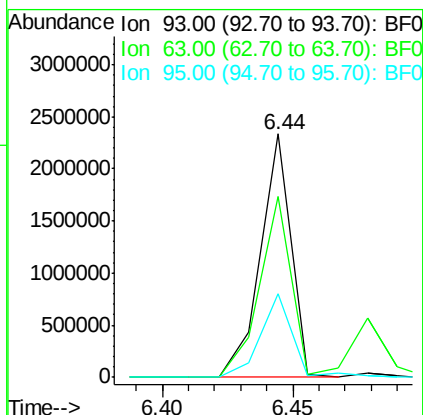
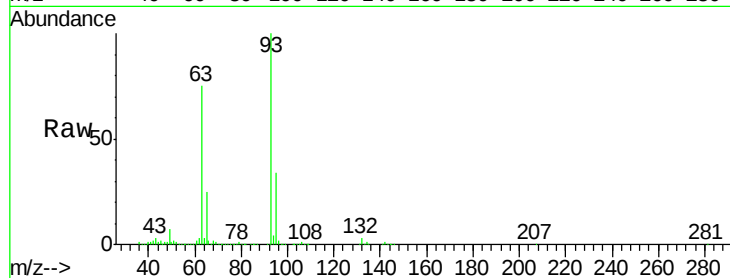




#11
bis(2-Chloroethyl)ether
Concen: 42.56 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

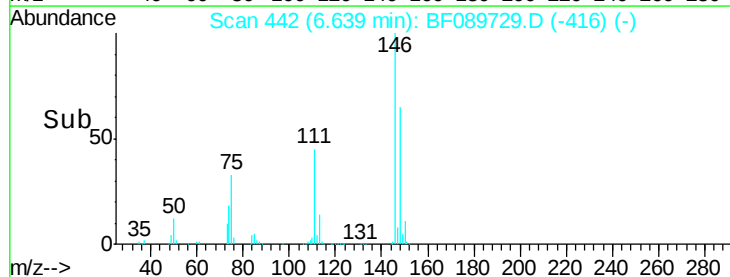
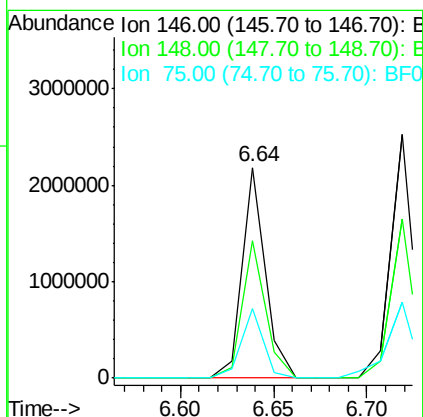
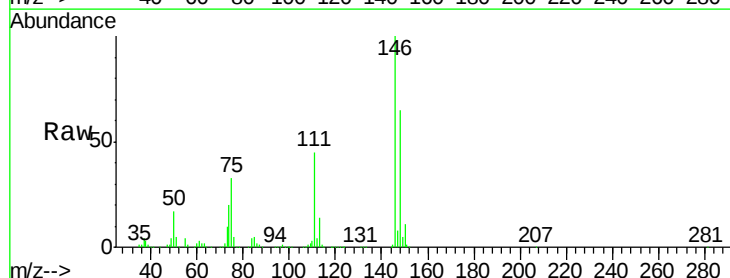
Instrument :
BNA_F
ClientSampleId :

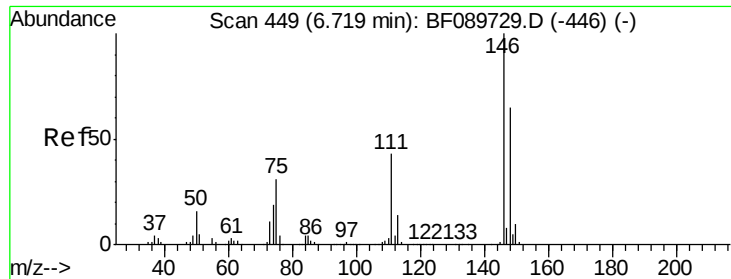
Tot Ion: 93 Resp: 1918897
Ion Ratio Lower Upper
93 100
63 74.6 55.8 95.8
95 34.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 38.48 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion: 146 Resp: 1891790
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 33.2 27.0 40.6

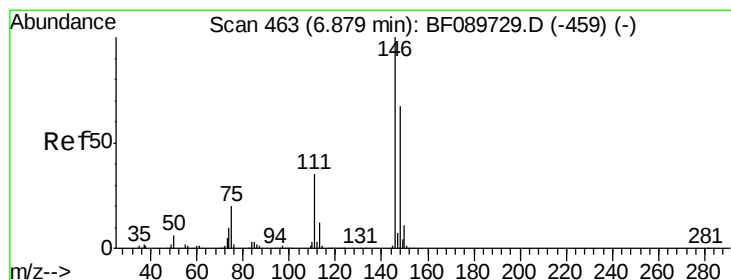
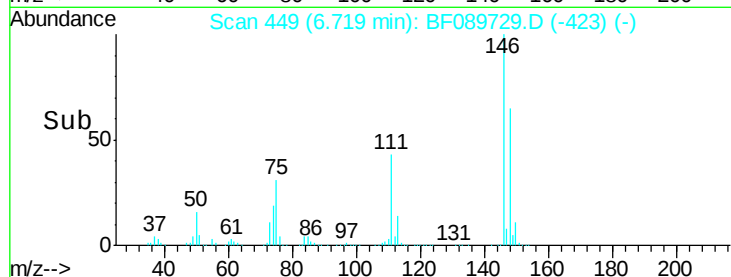
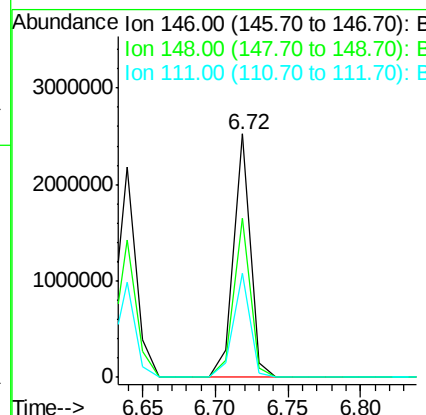
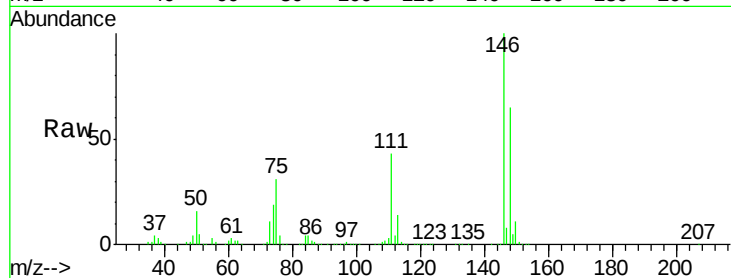




#13
 1,4-Dichlorobenzene
 Concen: 41.01 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

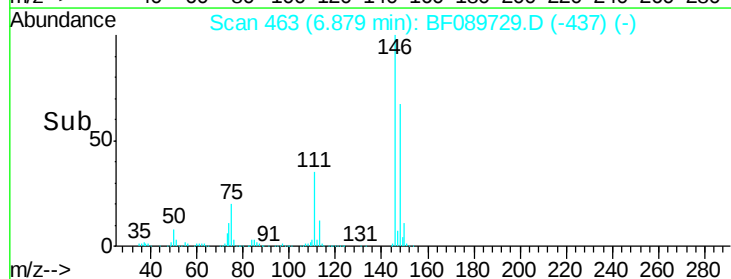
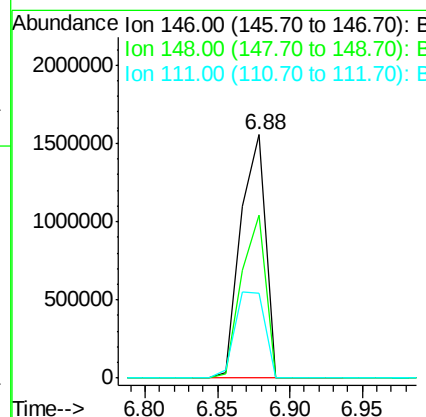
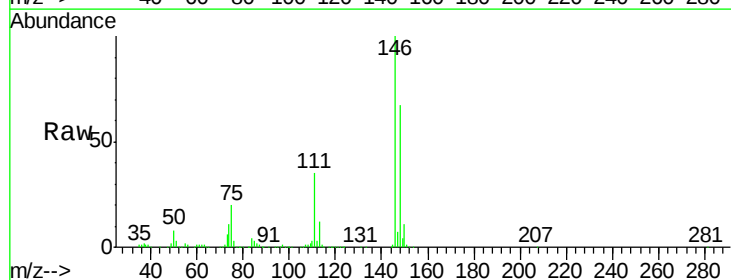
Instrument :
 BNA_F
 ClientSampleId :

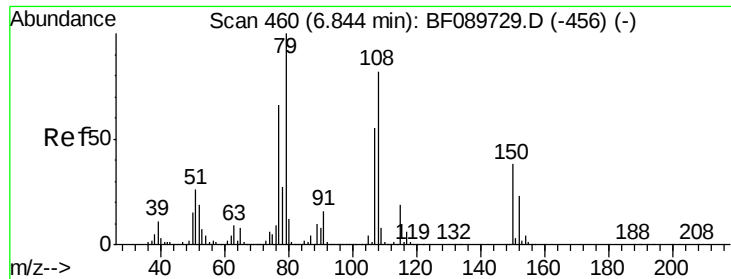
Tot Ion:146 Resp: 2028302
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.6
 111 42.6 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.08 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion:146 Resp: 1847155
 Ion Ratio Lower Upper
 146 100
 148 66.8 52.2 78.2
 111 35.0 29.8 44.6





#15

Benzyl Alcohol

Concen: 33.98 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

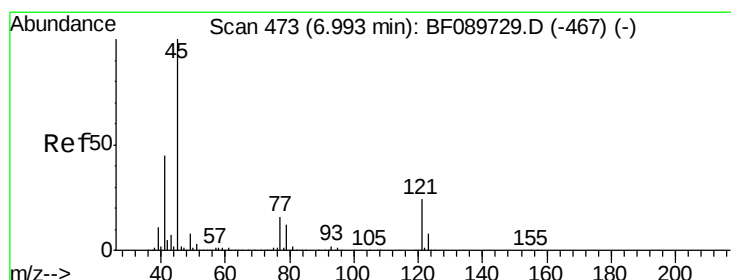
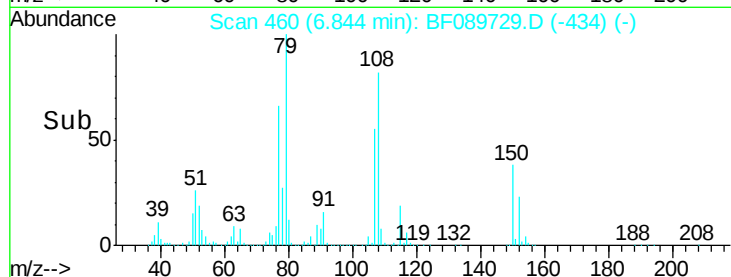
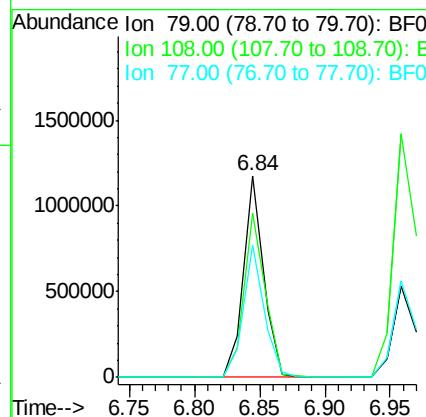
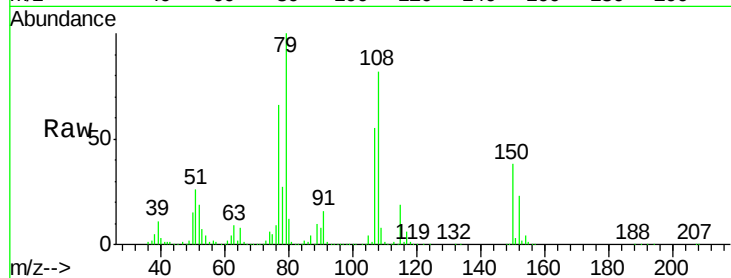
Tot Ion: 79 Resp: 1252823

Ion Ratio Lower Upper

79 100

108 81.6 62.5 93.7

77 65.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.33 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

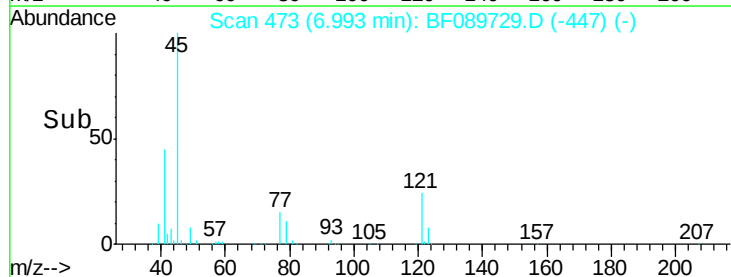
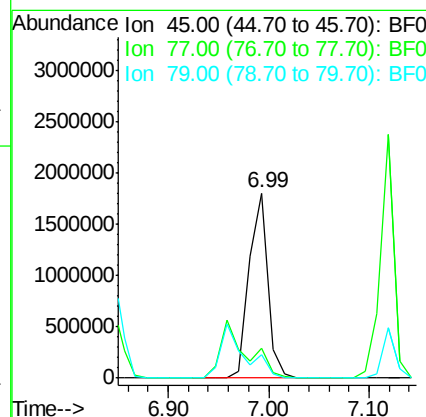
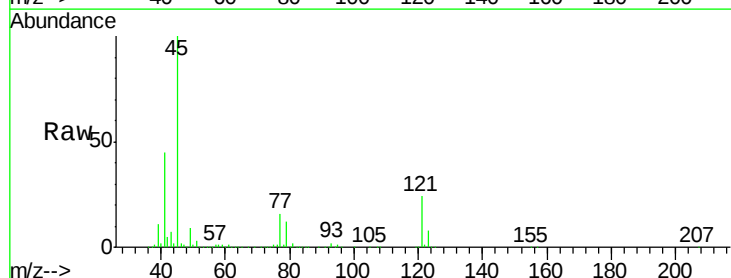
Tgt Ion: 45 Resp: 2322601

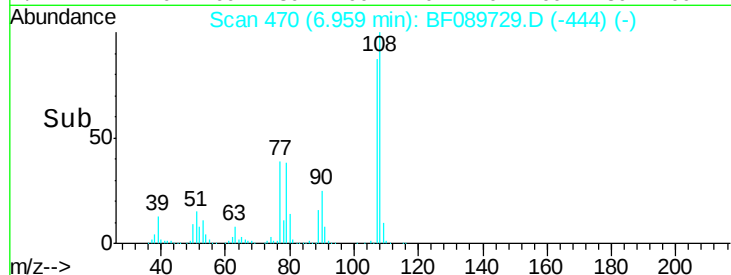
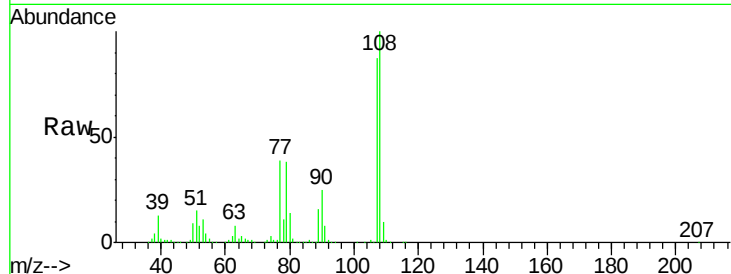
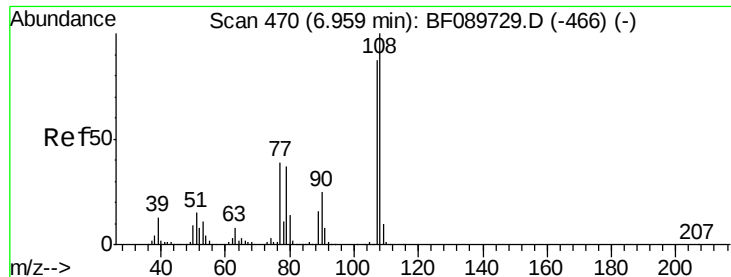
Ion Ratio Lower Upper

45 100

77 16.0 0.0 33.5

79 12.4 0.0 30.7

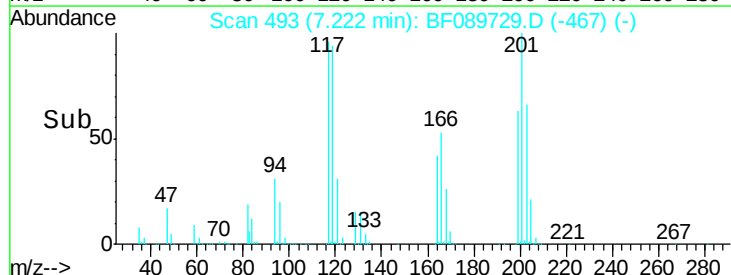
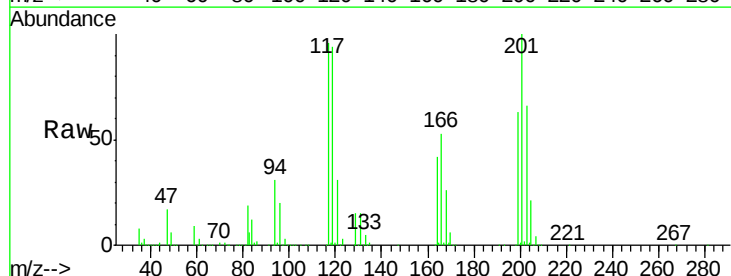
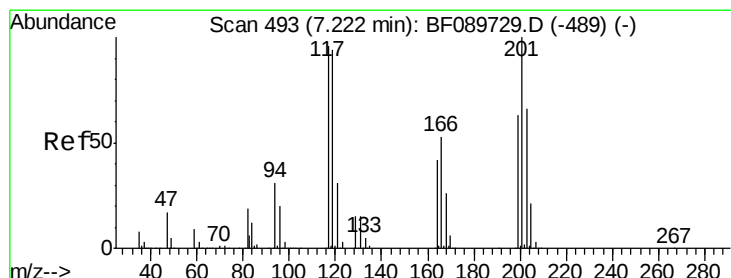
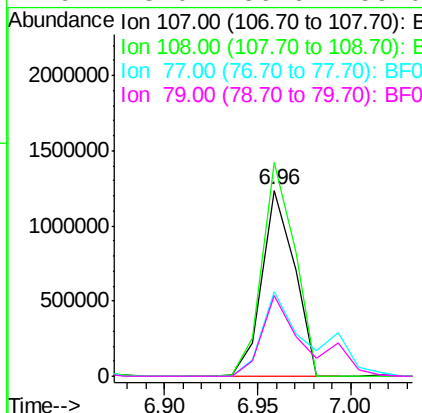




#17
2-Methylphenol
Concen: 39.51 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

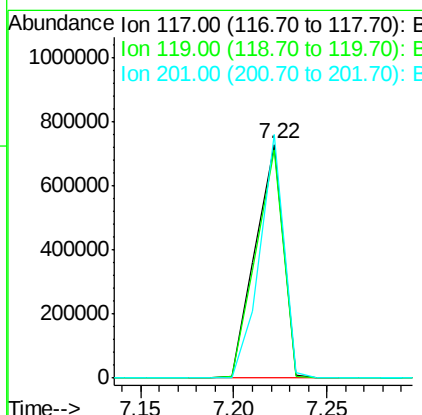
Instrument :
BNA_F
ClientSampleId :

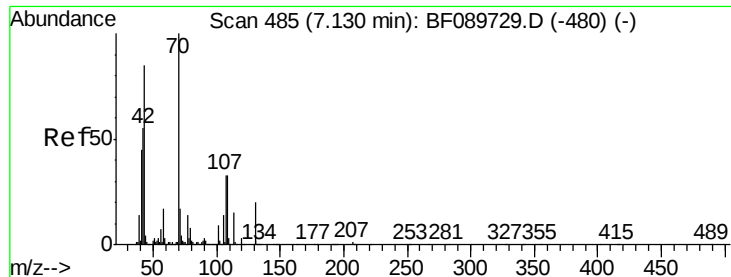
Tot Ion:107 Resp: 1495541
Ion Ratio Lower Upper
107 100
108 114.7 91.0 136.4
77 45.2 37.4 56.0
79 43.0 36.6 55.0



#18
Hexachloroethane
Concen: 40.90 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:117 Resp: 757037
Ion Ratio Lower Upper
117 100
119 97.9 77.1 115.7
201 104.3 76.9 115.3





#19

n-Nitroso-di-n-propylamine

Concen: 37.09 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 1238828

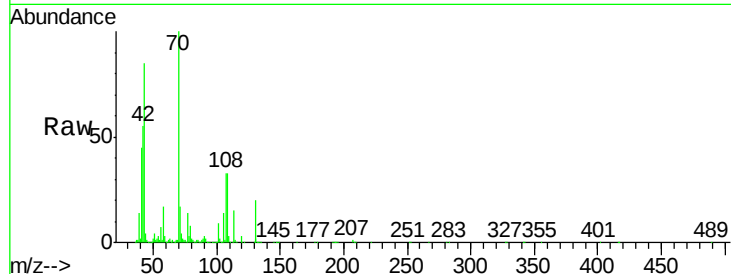
Ion	Ratio	Lower	Upper
70	100		
42	54.6	46.3	69.5
101	9.2	7.0	10.6
130	19.6	14.4	21.6

70 100

42 54.6 46.3 69.5

101 9.2 7.0 10.6

130 19.6 14.4 21.6



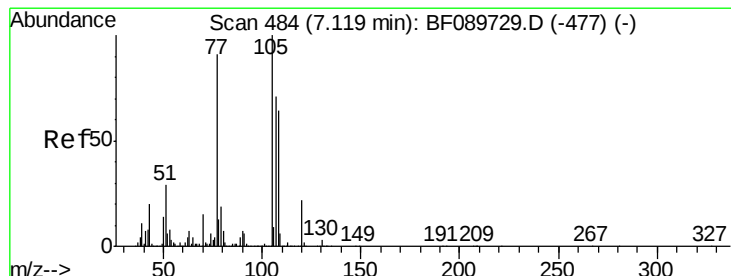
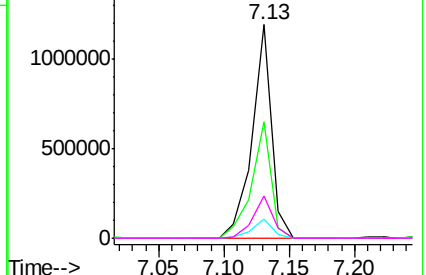
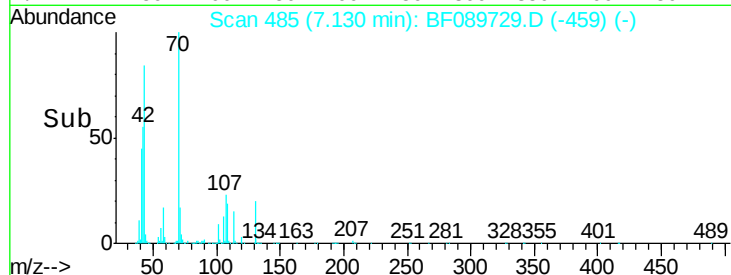
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#20

3+4-Methylphenols

Concen: 35.53 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion: 107 Resp: 1653744

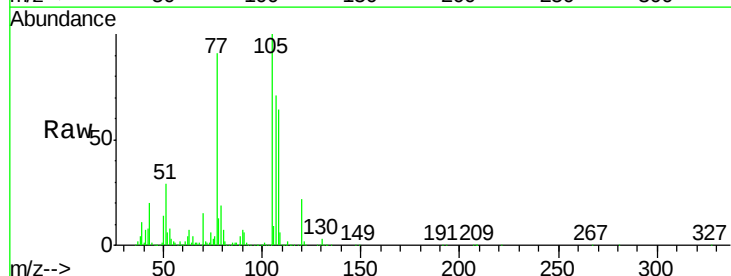
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	129.0	122.3	162.3
79	26.6	8.2	48.2

107 100

108 90.4 68.2 108.2

77 129.0 122.3 162.3

79 26.6 8.2 48.2



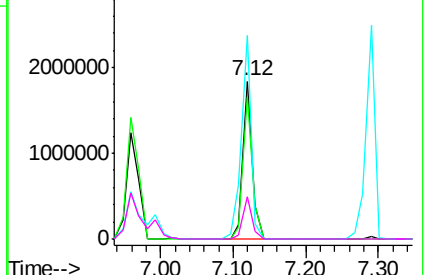
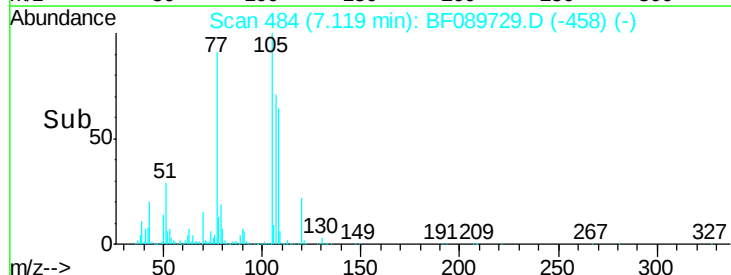
Abundance Ion 107.00 (106.70 to 107.70): BF0

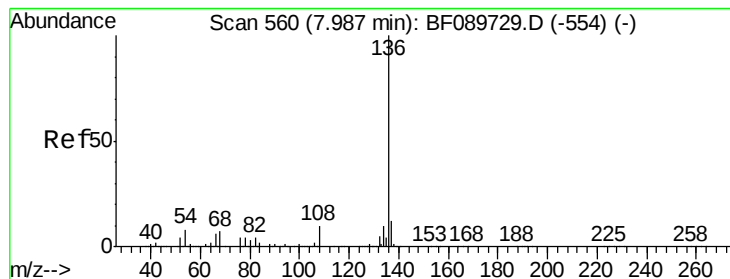
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2723206

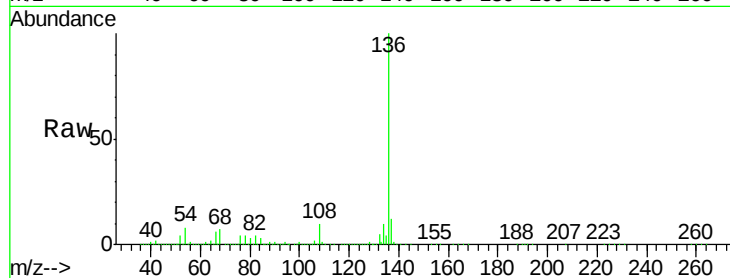
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 7.9 7.2 10.8

68 6.8 5.8 8.8

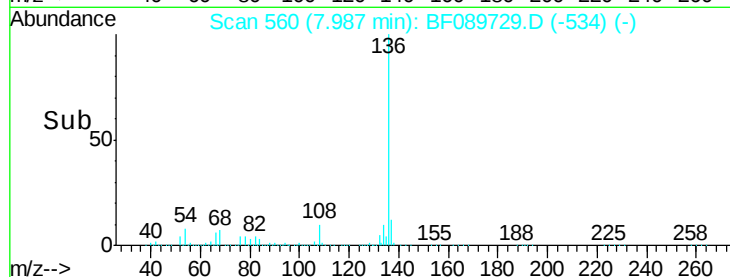


Abundance Ion 136.00 (135.70 to 136.70): E

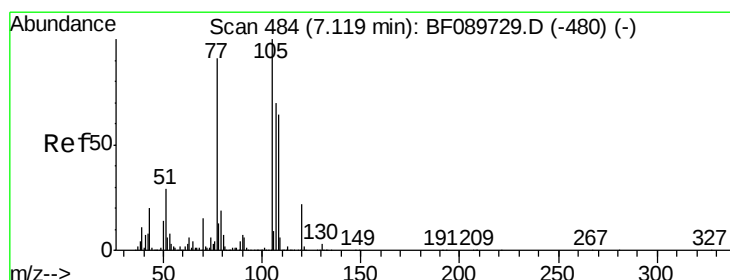
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.41 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion:105 Resp: 2429854

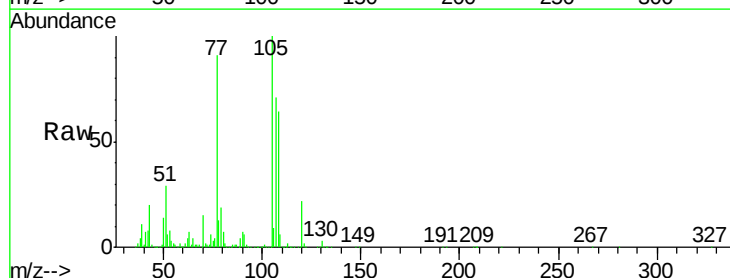
Ion Ratio Lower Upper

105 100

71 2.5 1.9 2.9

51 28.6 28.5 42.7

120 22.5 16.6 25.0

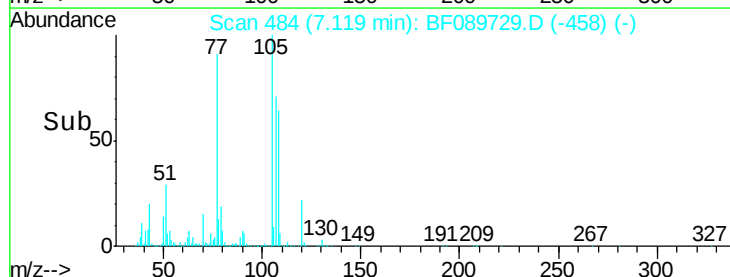


Abundance Ion 105.00 (104.70 to 105.70): E

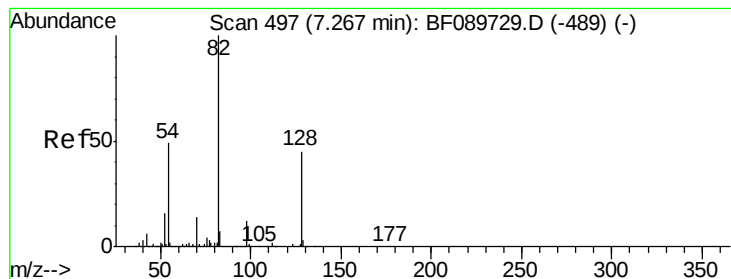
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 38.41 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

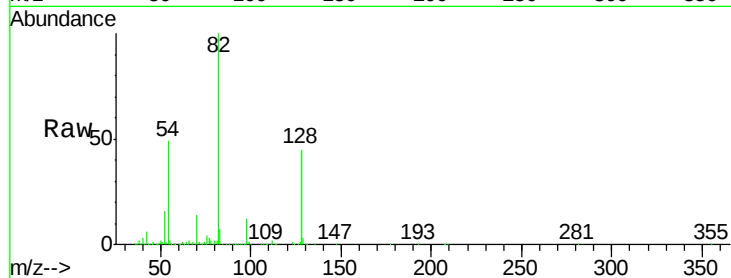
Tot Ion: 82 Resp: 3452107

Ion Ratio Lower Upper

82 100

128 44.7 34.4 51.6

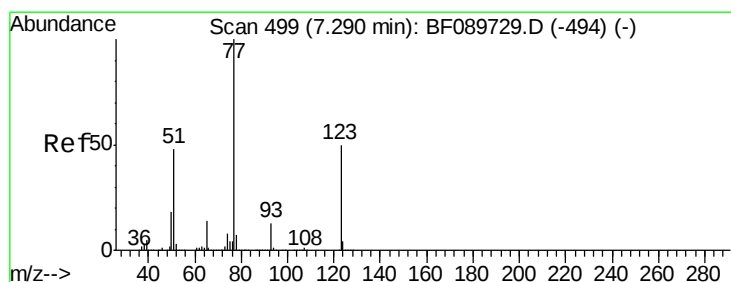
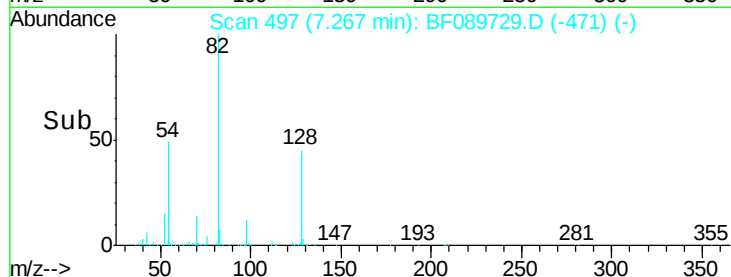
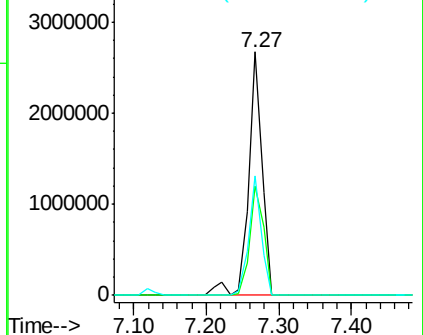
54 49.3 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.17 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

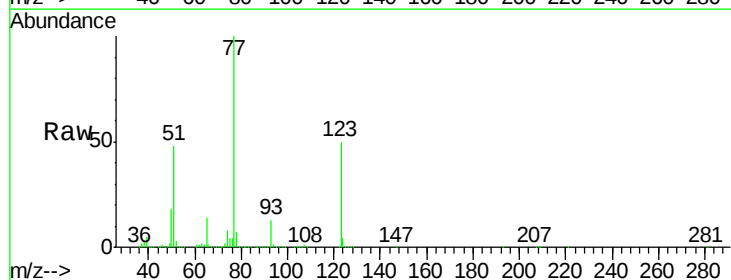
Tgt Ion: 77 Resp: 2130708

Ion Ratio Lower Upper

77 100

123 49.6 36.2 54.2

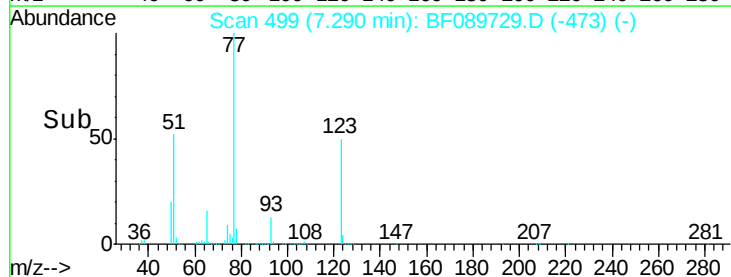
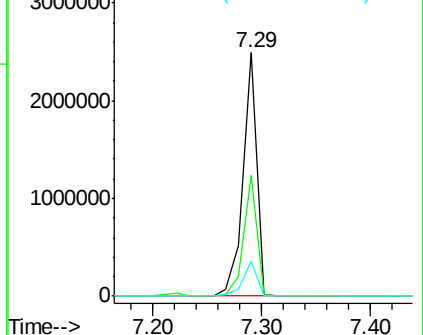
65 14.2 10.6 15.8

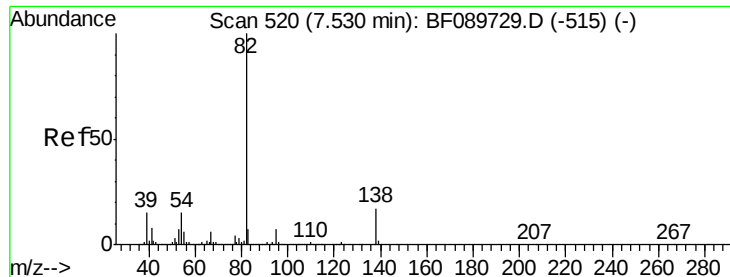


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.53 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

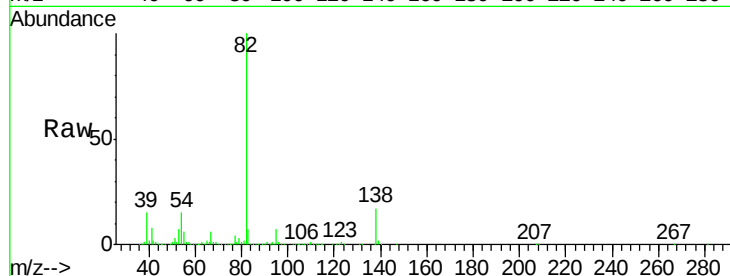
Tot Ion: 82 Resp: 3463016

Ion Ratio Lower Upper

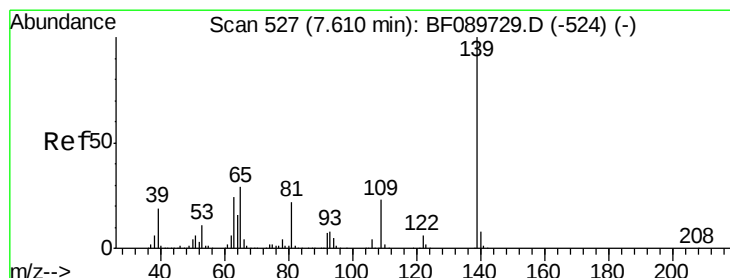
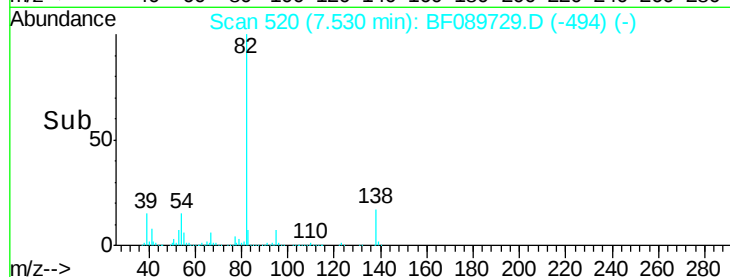
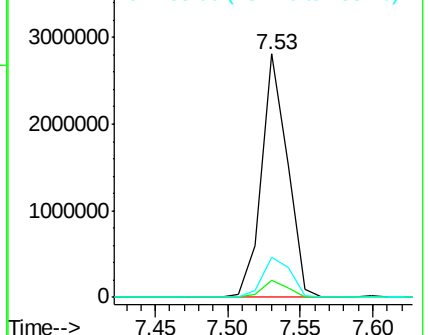
82 100

95 6.8 5.3 7.9

138 16.6 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: 43.79 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

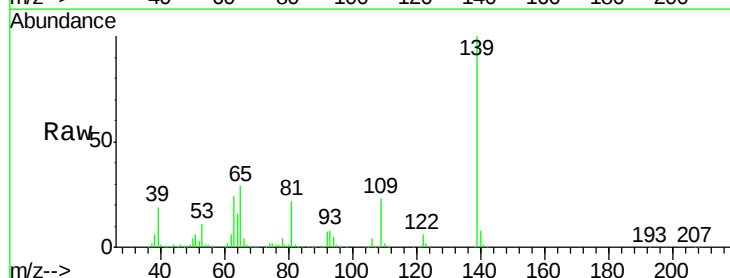
Tgt Ion:139 Resp: 979252

Ion Ratio Lower Upper

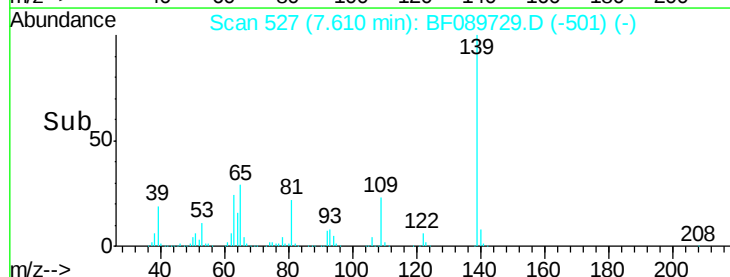
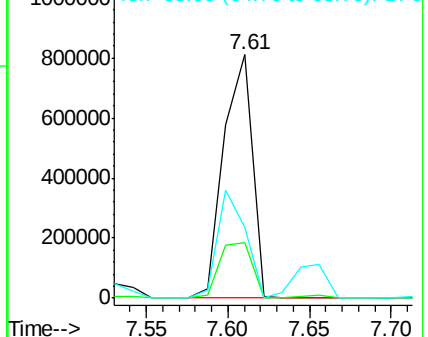
139 100

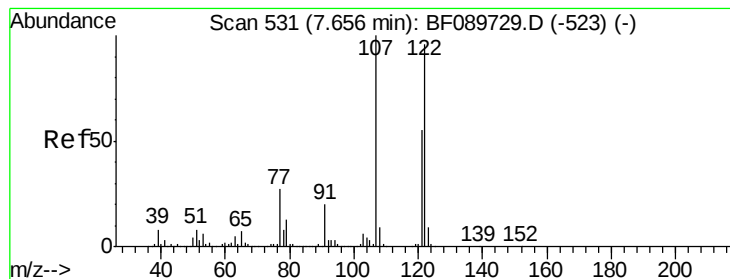
109 22.8 19.5 29.3

65 29.1 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: 41.90 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

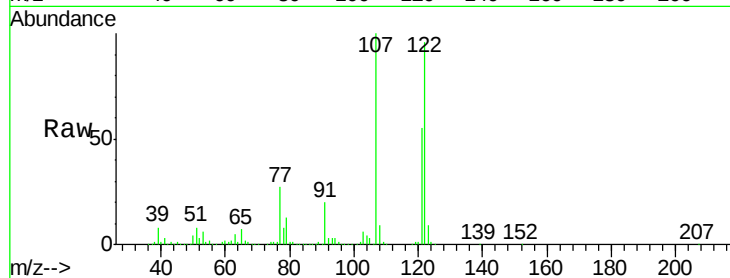
Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1863777

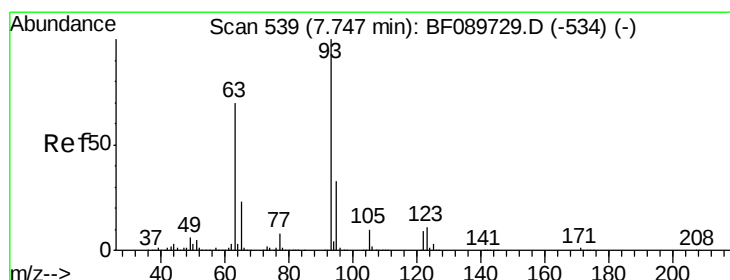
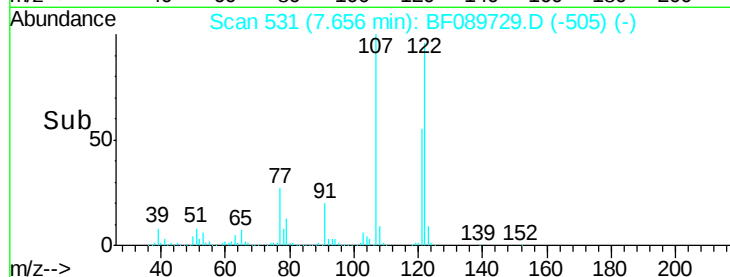
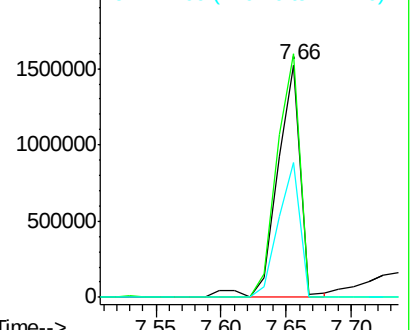
Ion	Ratio	Lower	Upper
122	100		
107	104.6	84.8	127.2
121	57.8	47.0	70.6



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: 34.26 ng

RT: 7.75 min Scan# 539

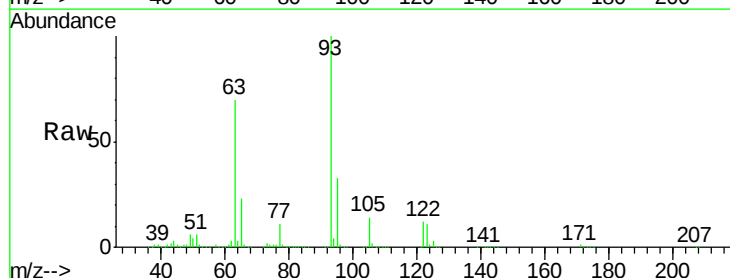
Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion: 93 Resp: 1956844

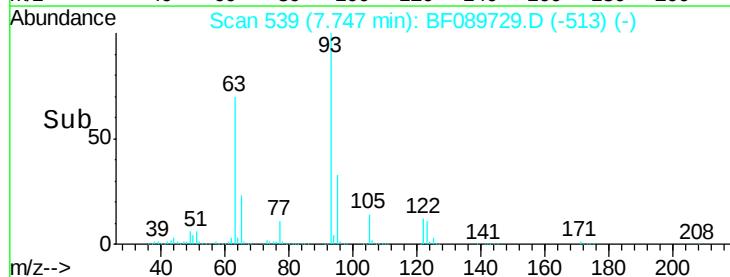
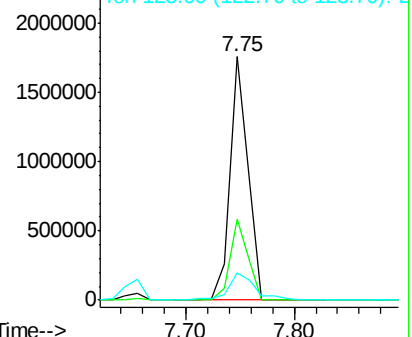
Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.5	38.3
123	11.2	8.5	12.7

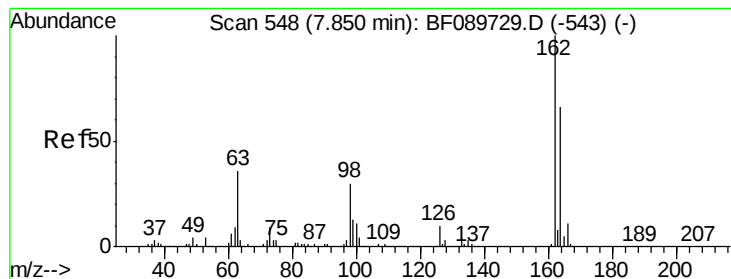


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.28 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

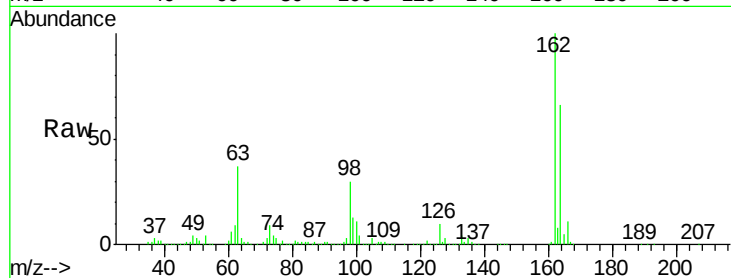
Tot Ion:162 Resp: 1560576

Ion Ratio Lower Upper

162 100

164 66.0 45.5 85.5

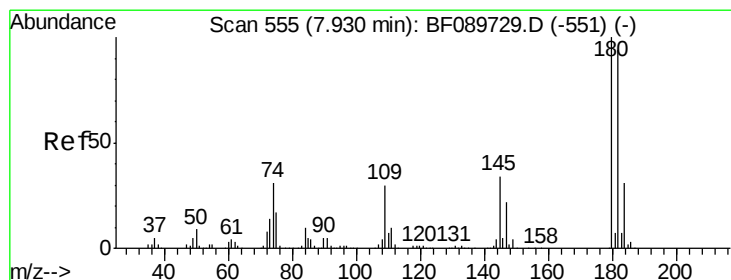
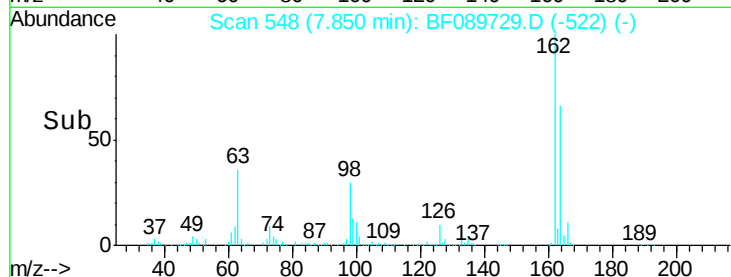
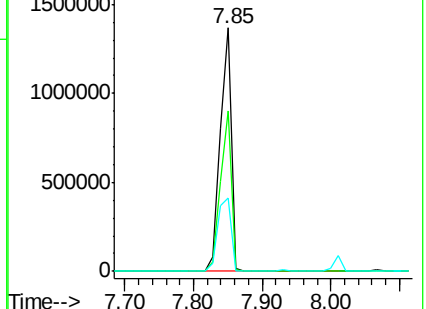
98 30.2 12.4 52.4



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: 37.98 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

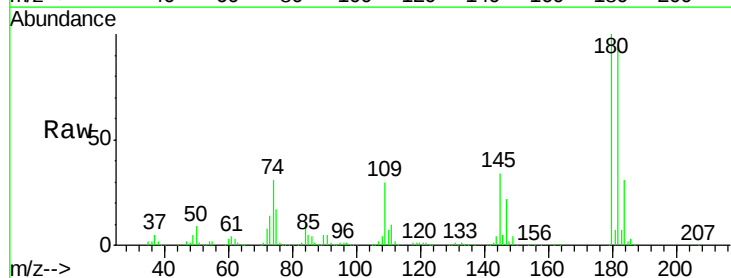
Tgt Ion:180 Resp: 1512437

Ion Ratio Lower Upper

180 100

182 93.9 75.5 113.3

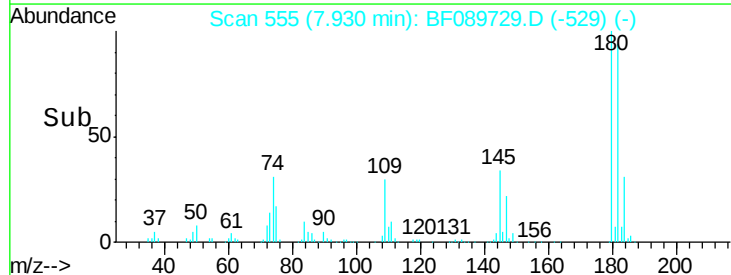
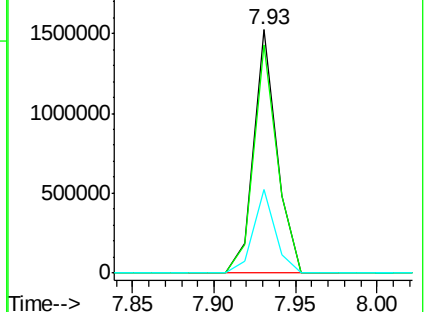
145 34.4 28.7 43.1

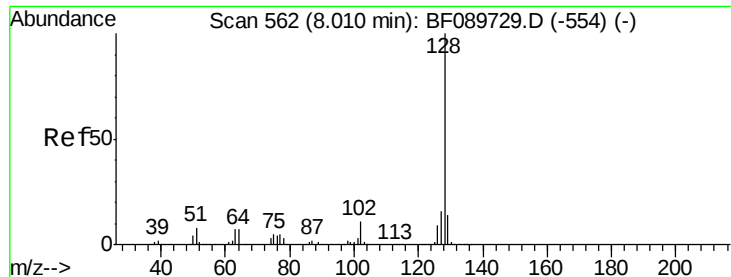


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

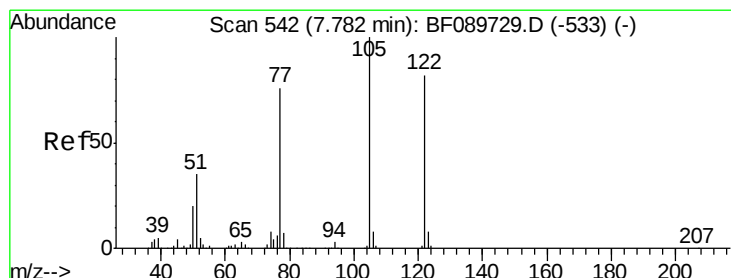
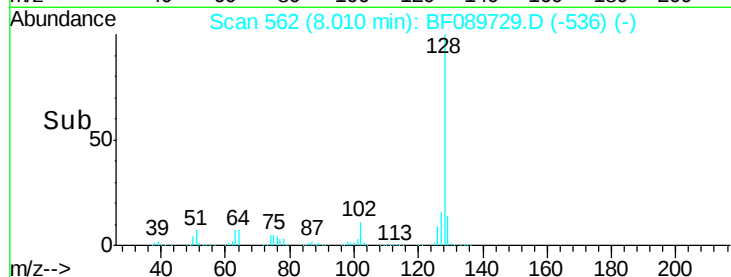
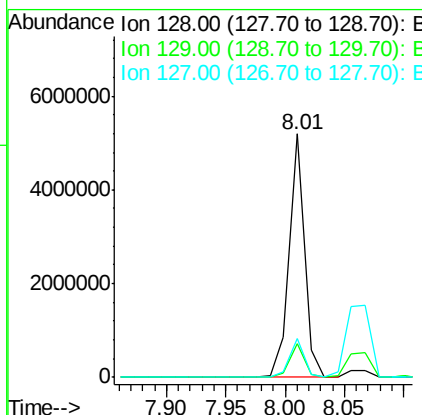
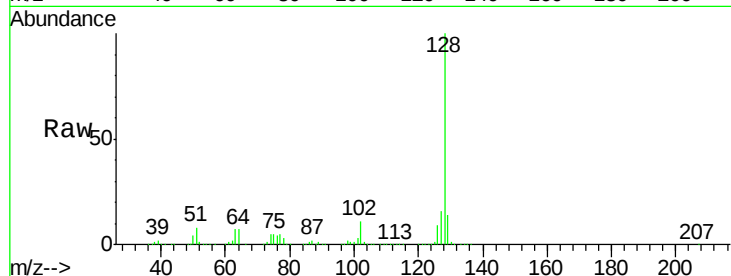




#31
Naphthalene
Concen: 37.29 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

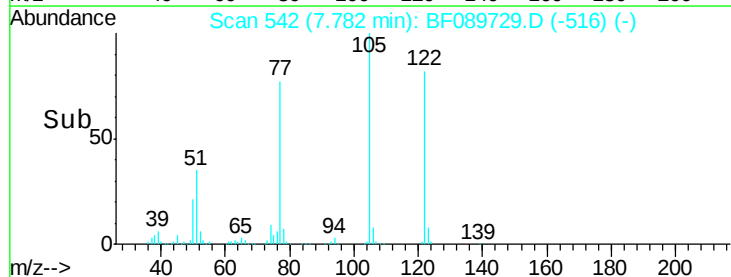
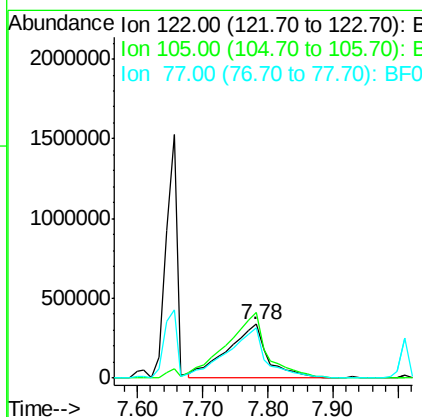
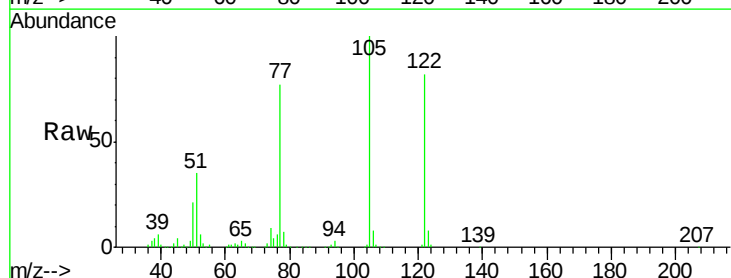
Instrument :
BNA_F
ClientSampleId :

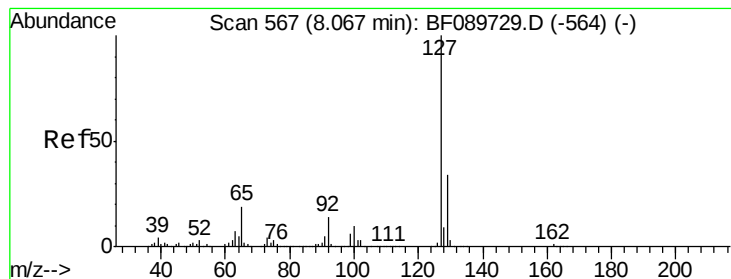
Tot Ion:128 Resp: 4569847
Ion Ratio Lower Upper
128 100
129 13.9 9.5 14.3
127 16.0 11.3 16.9



#32
Benzoic acid
Concen: 49.63 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:122 Resp: 1414680
Ion Ratio Lower Upper
122 100
105 121.4 100.8 140.8
77 93.2 72.1 112.1





#33

4-Chloroaniline

Concen: 37.22 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 2181382

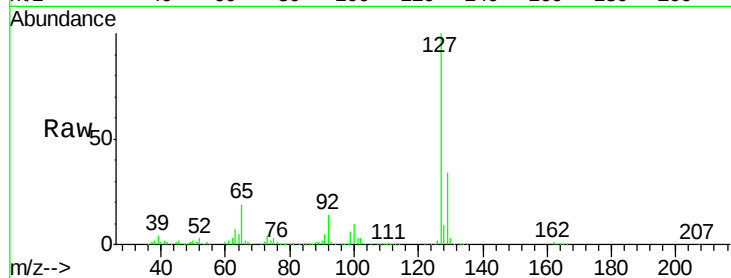
Ion Ratio Lower Upper

127 100

129 33.9 27.0 40.6

65 19.2 14.7 22.1

92 14.5 11.7 17.5

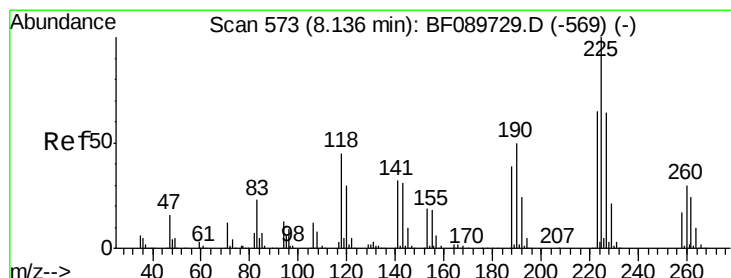
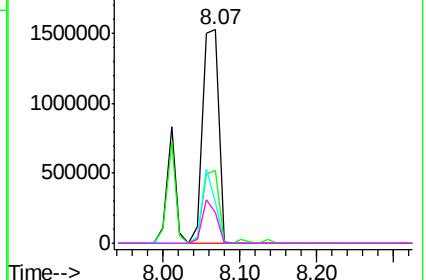
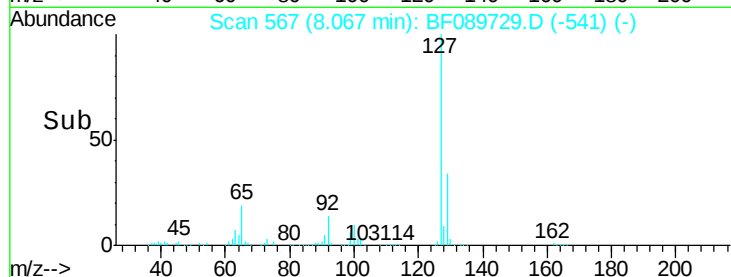


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.36 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

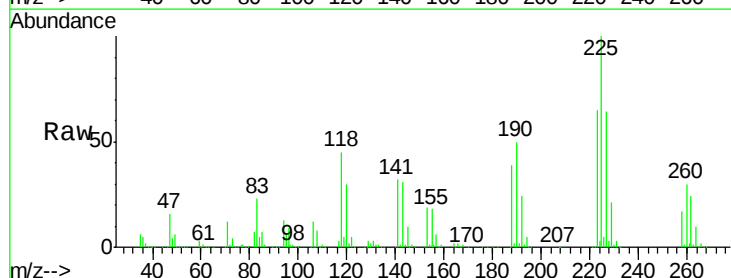
Tgt Ion:225 Resp: 819385

Ion Ratio Lower Upper

225 100

223 65.3 51.0 76.6

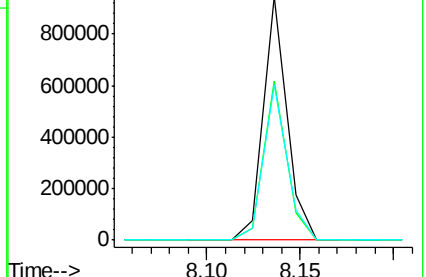
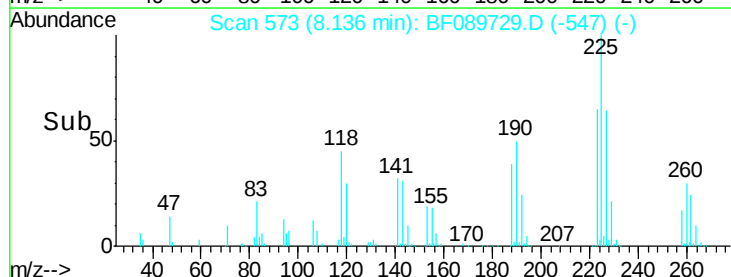
227 63.6 49.8 74.6

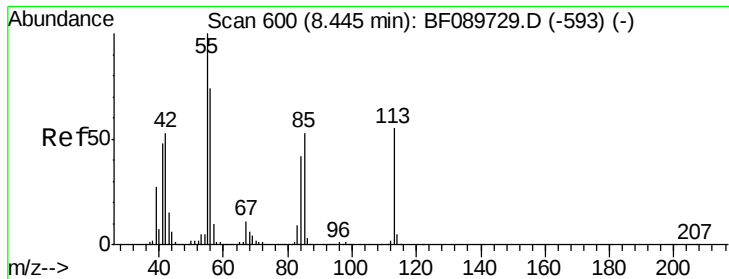


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

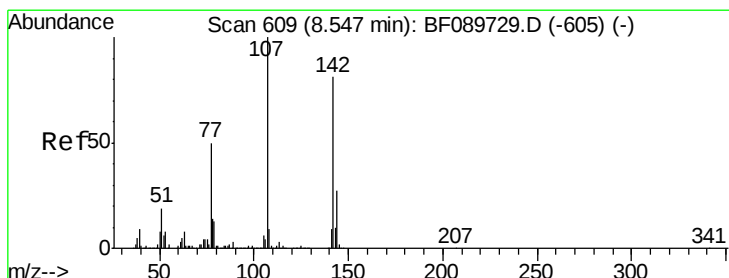
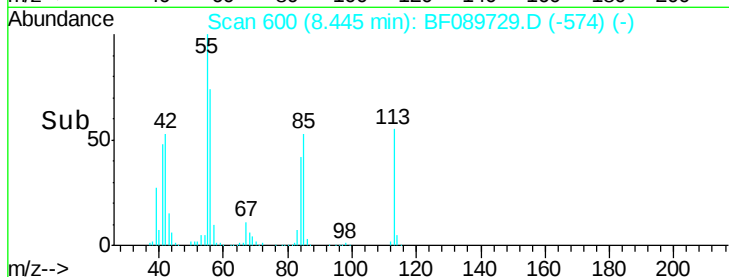
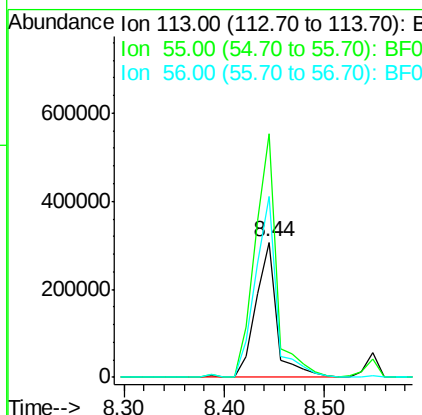
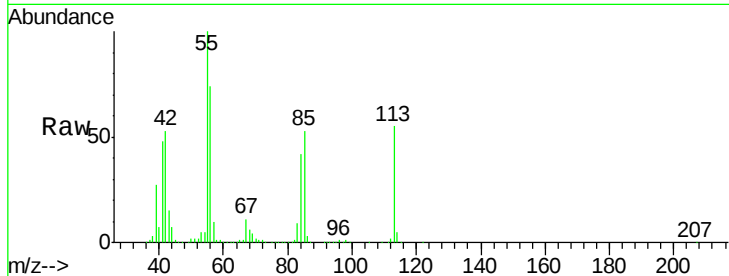




#35
 Caprolactam
 Concen: 38.38 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

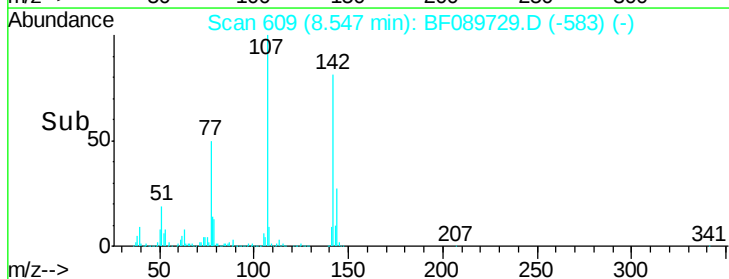
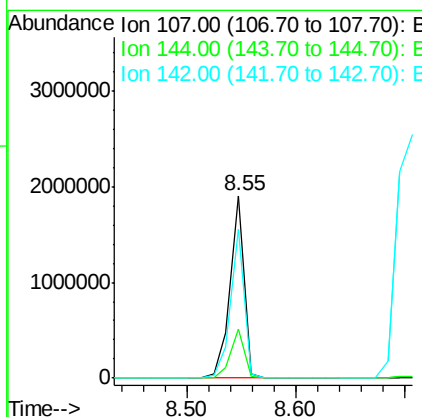
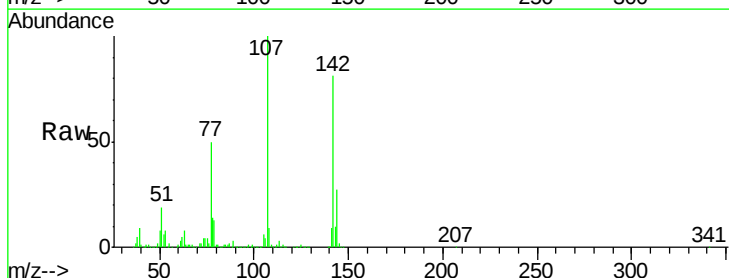
Instrument :
 BNA_F
 ClientSampleId :

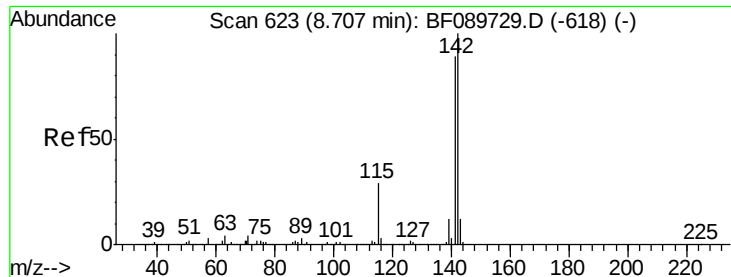
Tot Ion:113 Resp: 448082
 Ion Ratio Lower Upper
 113 100
 55 180.2 135.9 175.9#
 56 133.5 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.08 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion:107 Resp: 1697004
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.6 34.0
 142 81.4 69.3 103.9

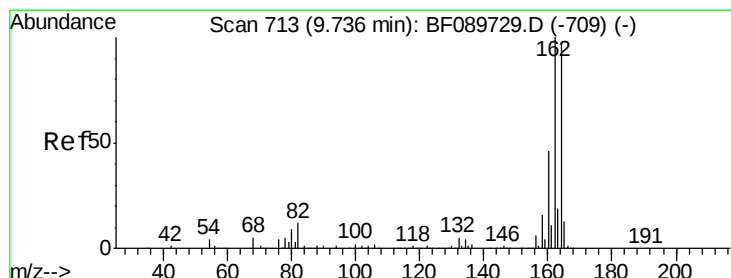
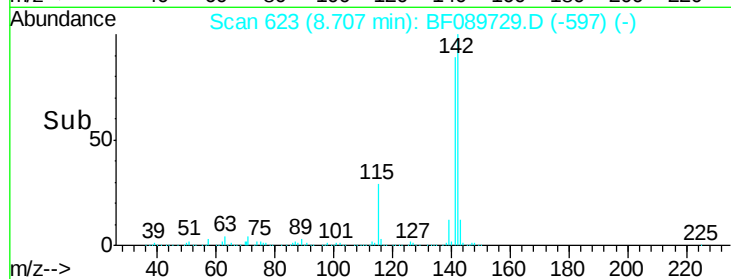
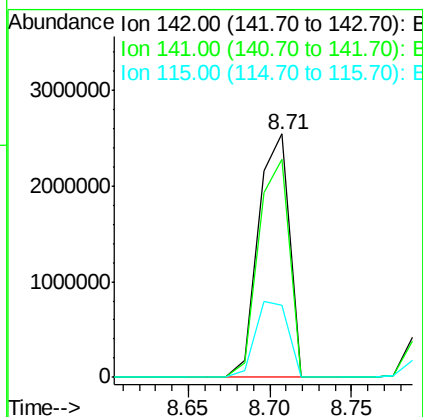
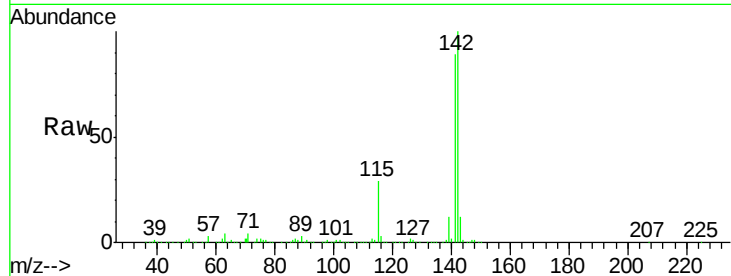




#37
2-Methylnaphthalene
Concen: 39.60 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

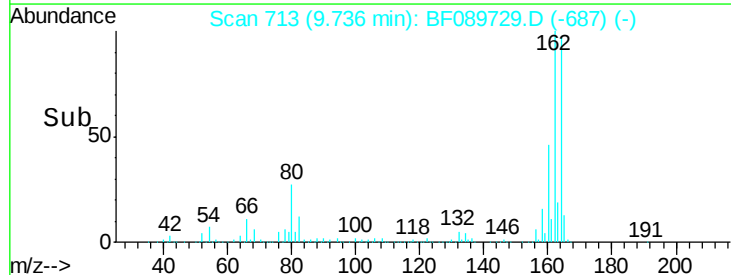
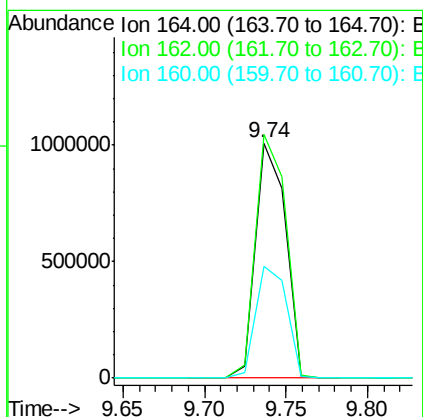
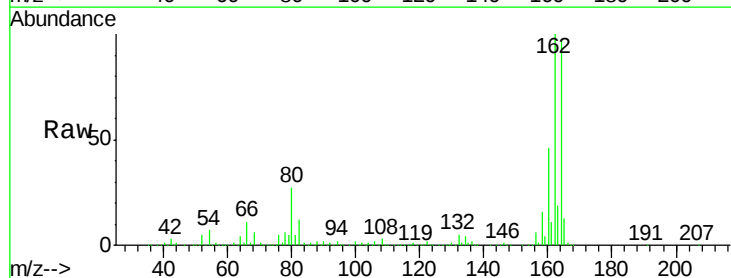
Instrument :
BNA_F
ClientSampleId :

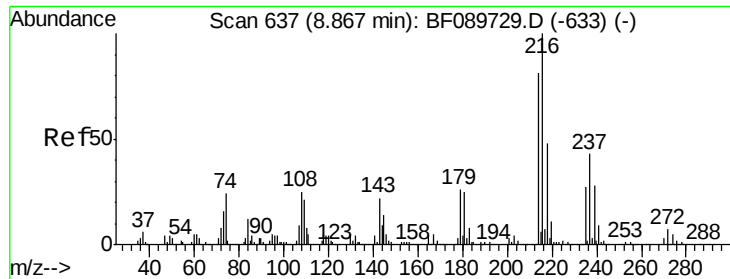
Tot Ion:142 Resp: 3350284
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 29.4 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:164 Resp: 1291149
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.2
160 47.5 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.45 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 1460393

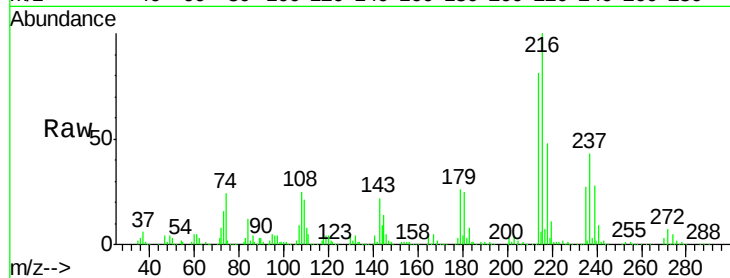
Ion Ratio Lower Upper

216 100

214 80.5 63.5 95.3

179 23.8 19.9 29.9

108 23.9 19.9 29.9

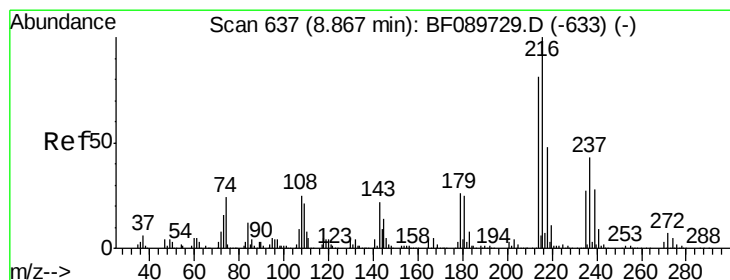
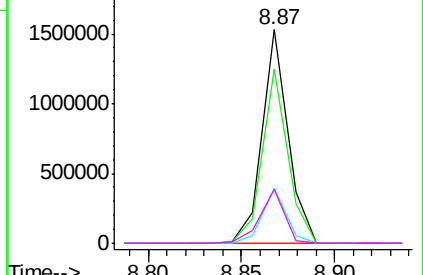
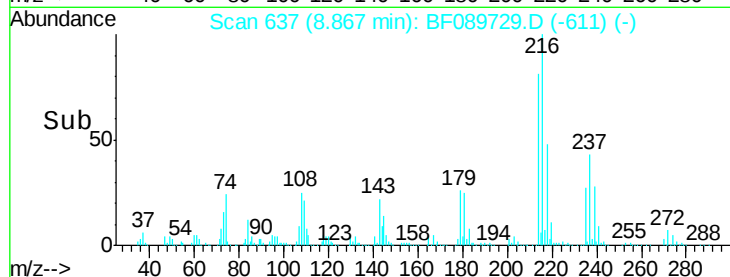


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.80 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

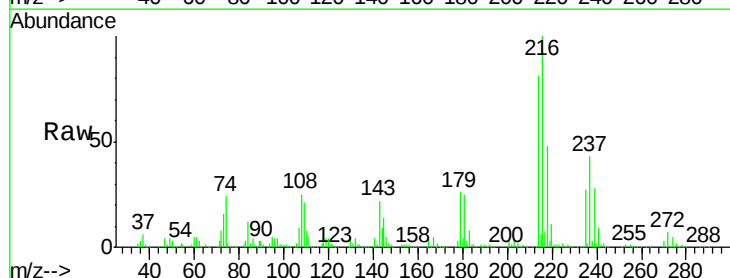
Tgt Ion:237 Resp: 773814

Ion Ratio Lower Upper

237 100

235 62.1 43.7 83.7

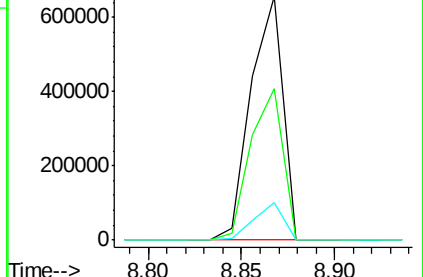
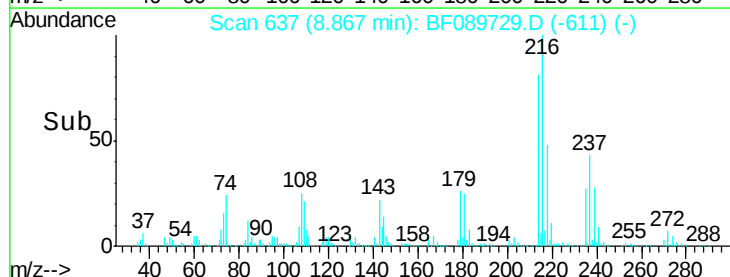
272 15.3 0.0 31.6

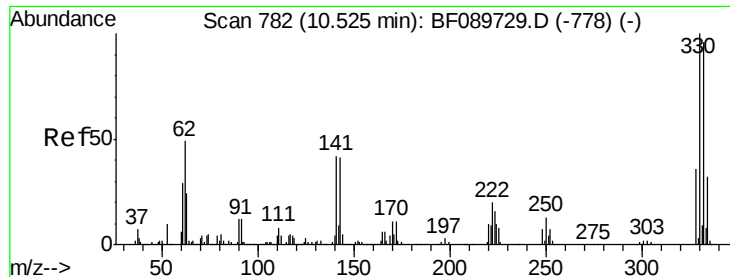


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

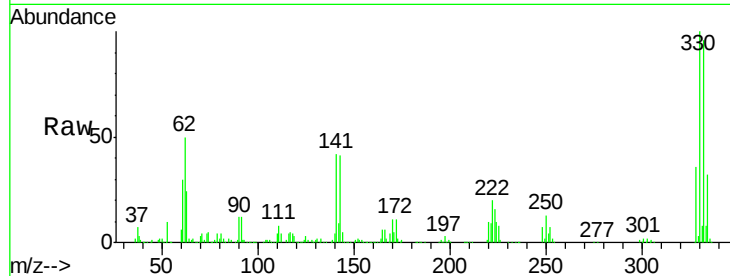




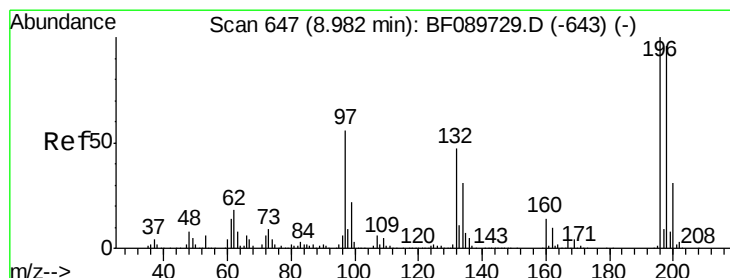
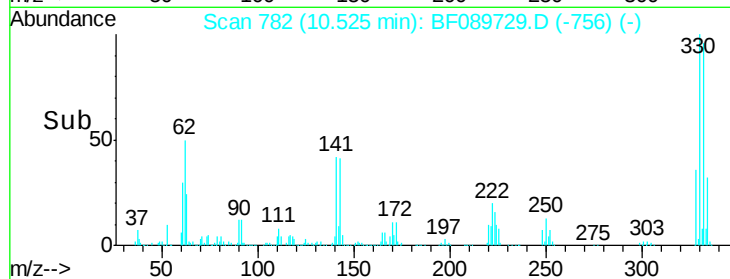
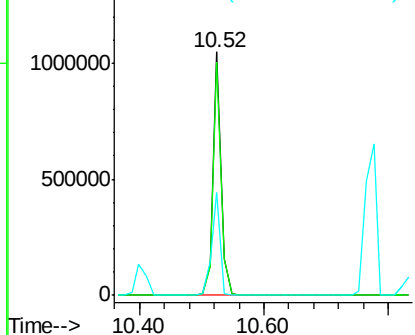
#41
 2,4,6-Tribromophenol
 Concen: 36.24 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	44.8	30.2	45.2

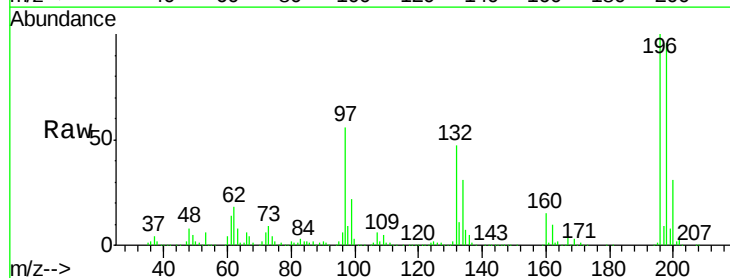


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

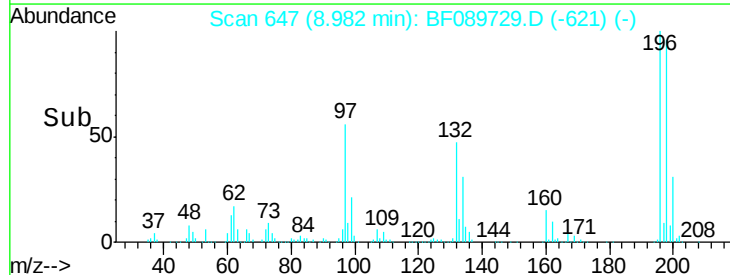
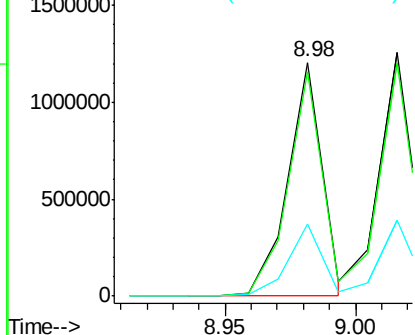


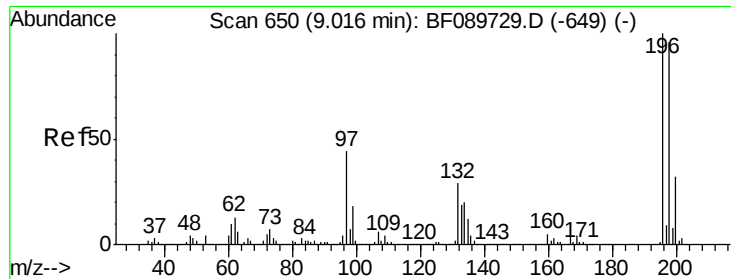
#42
 2,4,6-Trichlorophenol
 Concen: 42.43 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.3	114.5
200	31.0	24.6	36.8



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

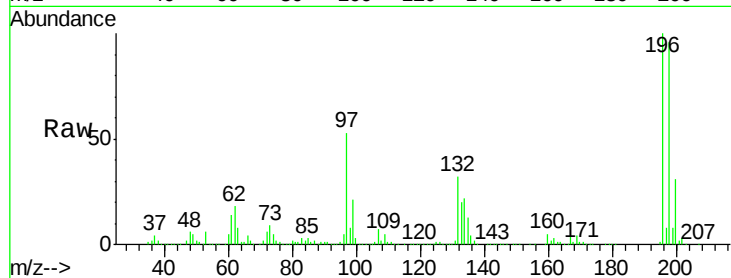




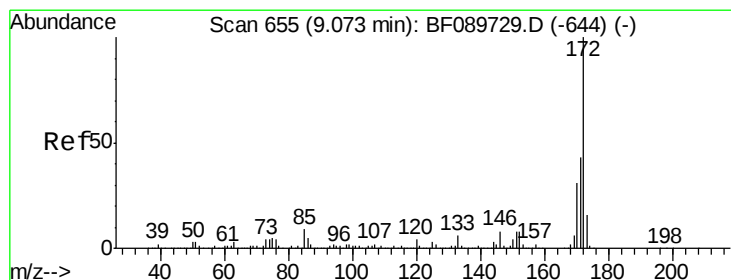
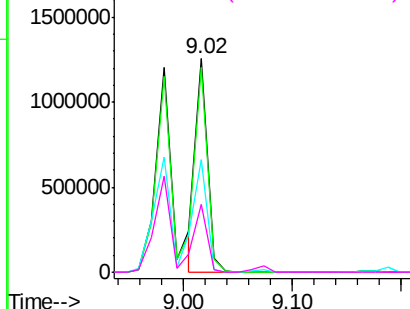
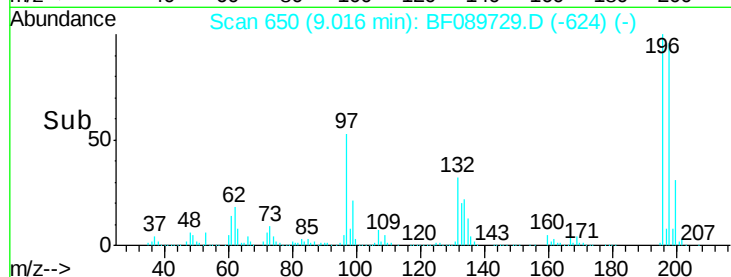
#43
 2,4,5-Trichlorophenol
 Concen: 37.56 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 926572
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 114.8
 97 52.5 35.8 53.8
 132 32.0 23.5 35.3

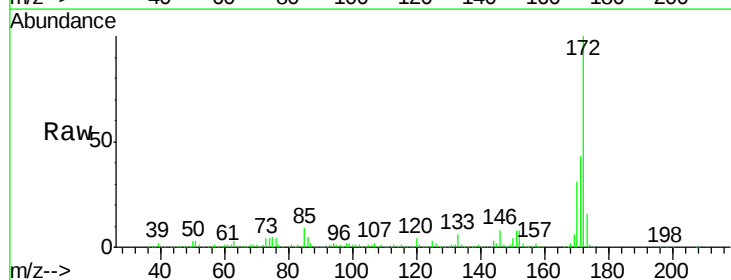


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

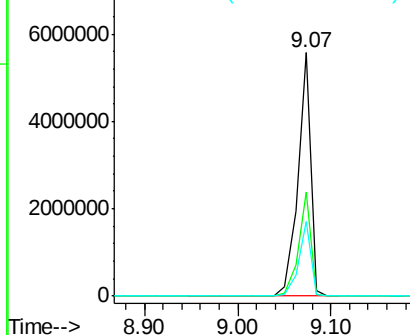
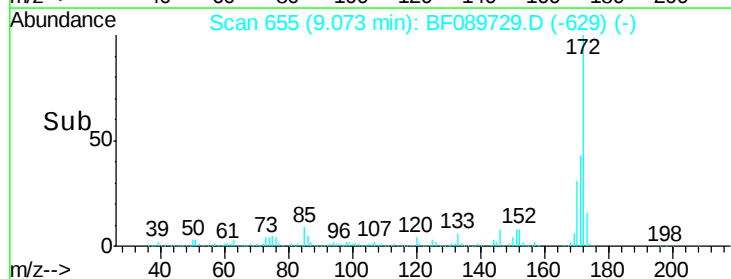


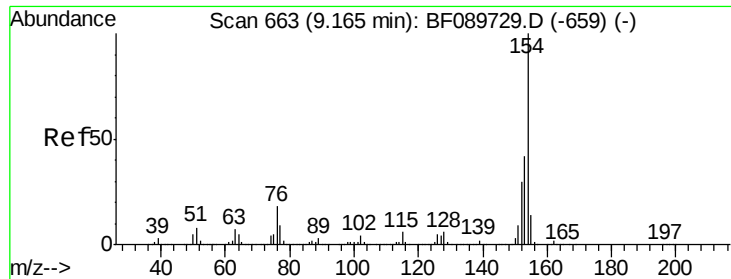
#44
 2-Fluorobiphenyl
 Concen: 36.52 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion:172 Resp: 5408644
 Ion Ratio Lower Upper
 172 100
 171 42.7 30.5 45.7
 170 30.8 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

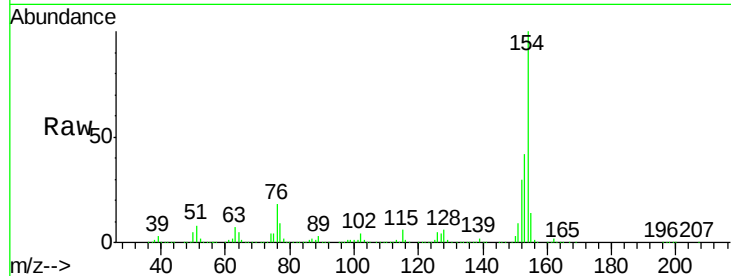




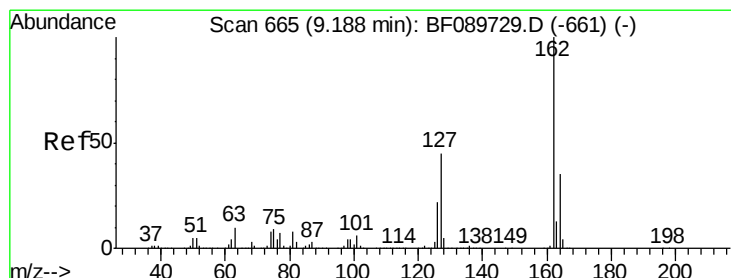
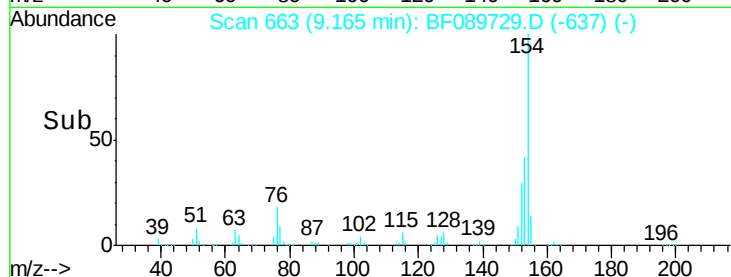
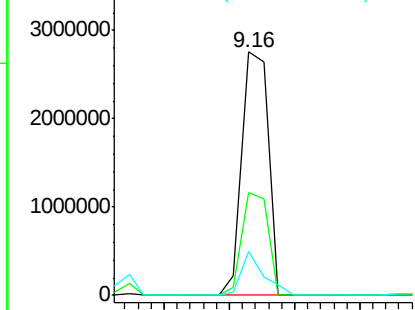
#45
 1,1'-Biphenyl
 Concen: 36.16 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 3867151
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.5 61.5
 76 18.3 0.0 36.7

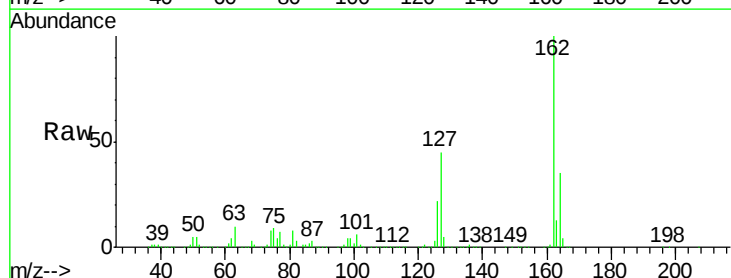


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

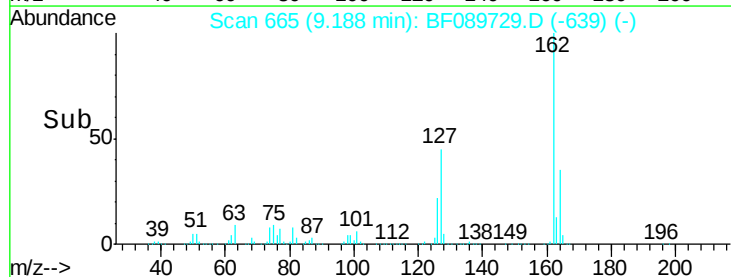
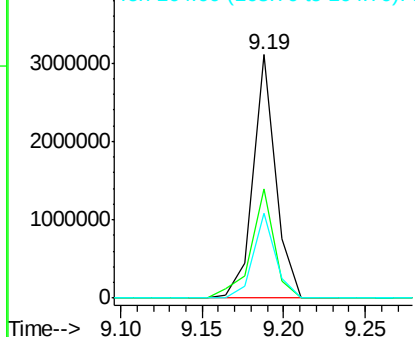


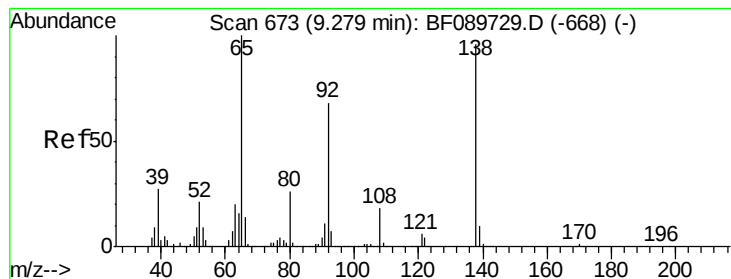
#46
 2-Chloronaphthalene
 Concen: 38.44 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion:162 Resp: 2981063
 Ion Ratio Lower Upper
 162 100
 127 44.8 35.5 53.3
 164 35.1 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: 37.74 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

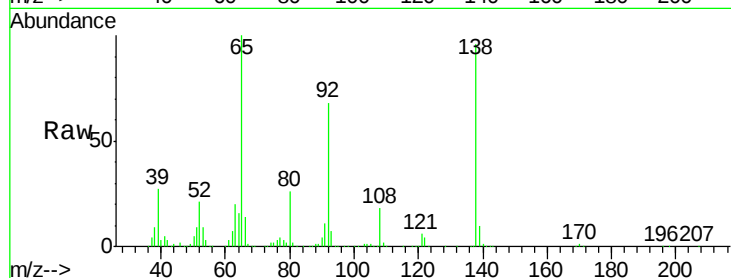
Tot Ion: 65 Resp: 946422

Ion Ratio Lower Upper

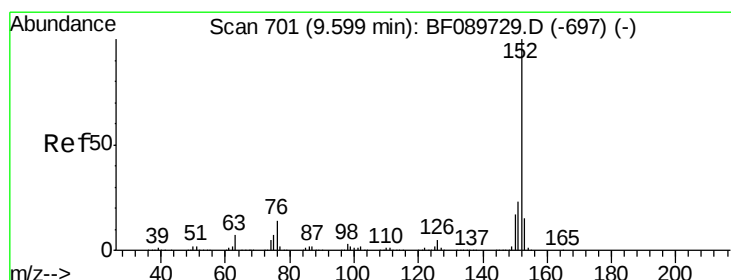
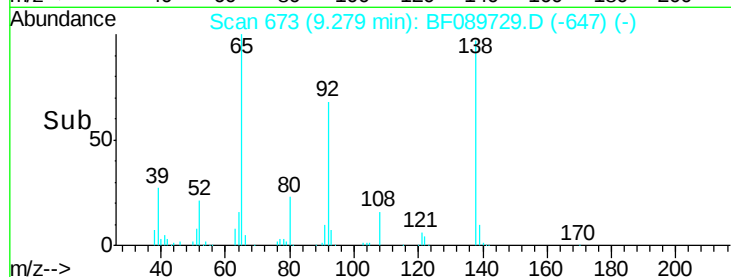
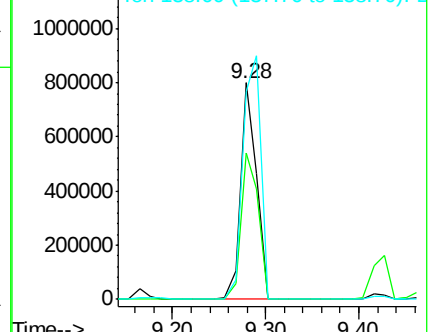
65 100

92 67.7 56.3 84.5

138 95.8 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: 38.56 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

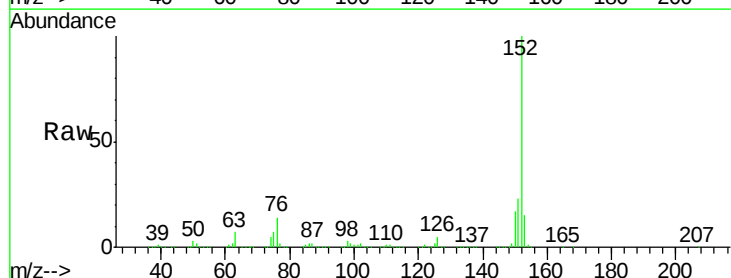
Tgt Ion: 152 Resp: 4708751

Ion Ratio Lower Upper

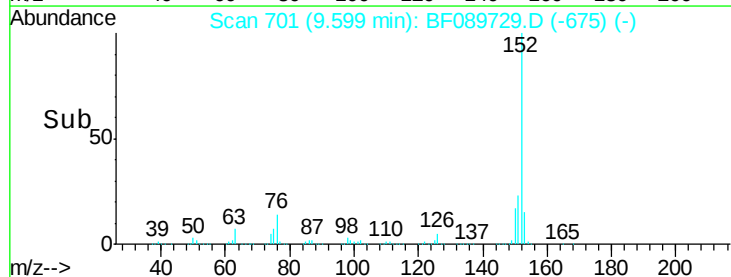
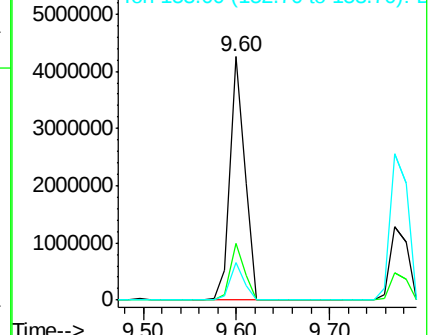
152 100

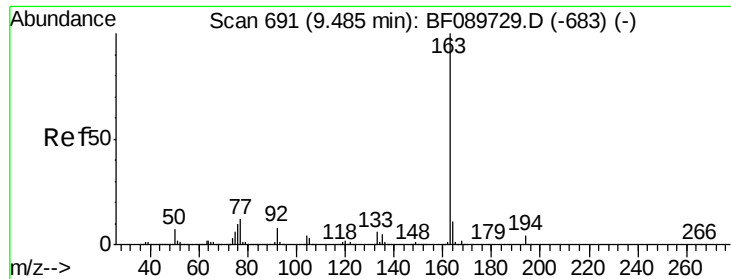
151 23.2 17.1 25.7

153 15.4 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

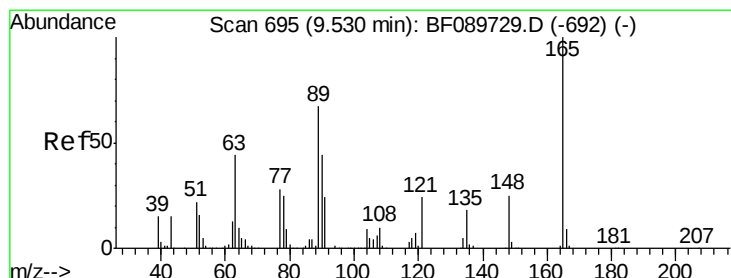
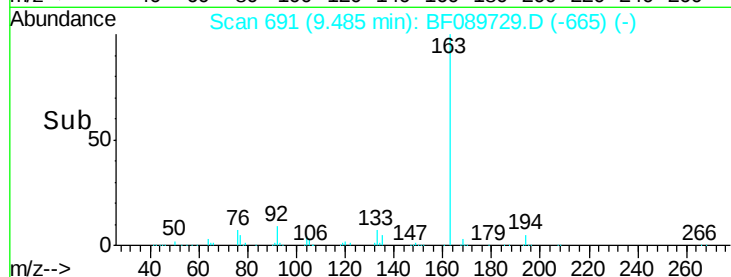
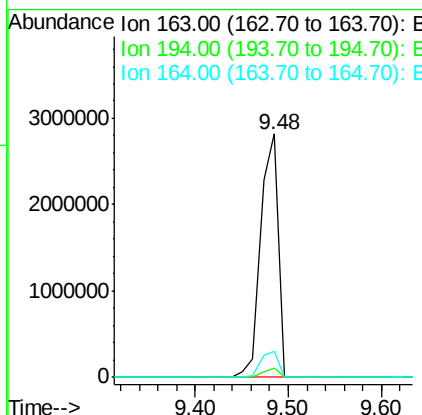
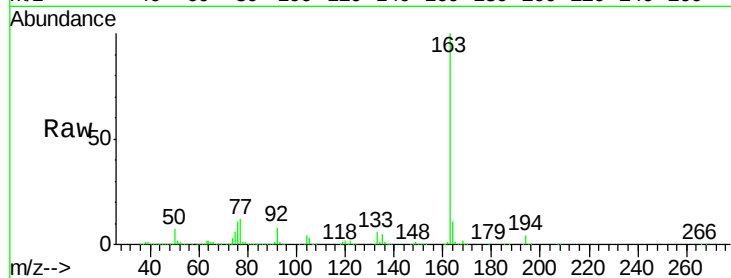




#49
Dimethylphthalate
Concen: 40.94 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

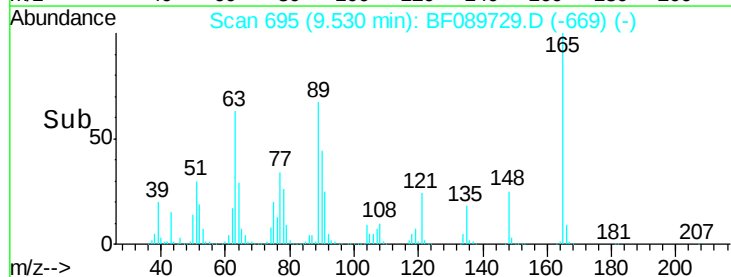
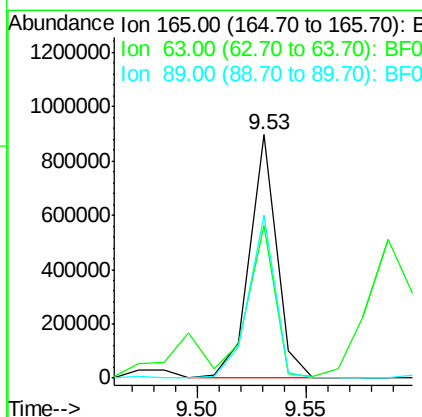
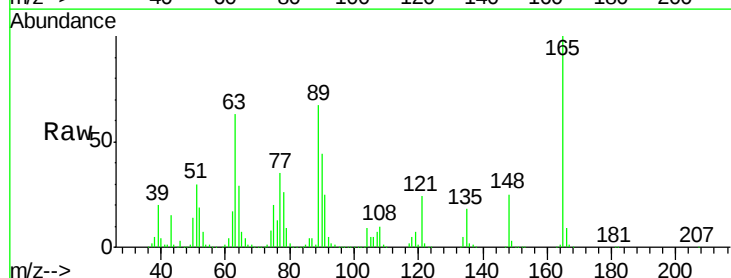
Instrument :
BNA_F
ClientSampleId :

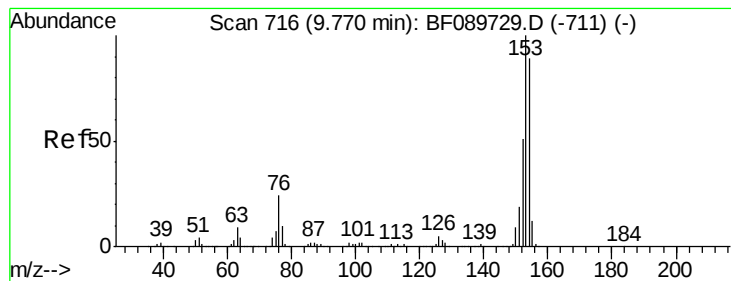
Tot Ion:163 Resp: 3704220
Ion Ratio Lower Upper
163 100
194 4.1 2.6 3.8#
164 10.6 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 38.91 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:165 Resp: 780070
Ion Ratio Lower Upper
165 100
63 62.7 41.7 62.5#
89 67.0 44.6 67.0#





#51

Acenaphthene

Concen: 39.99 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

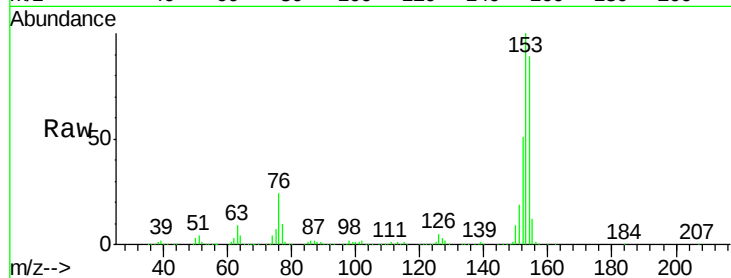
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 3196337

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.5	135.7
152	56.5	44.6	67.0

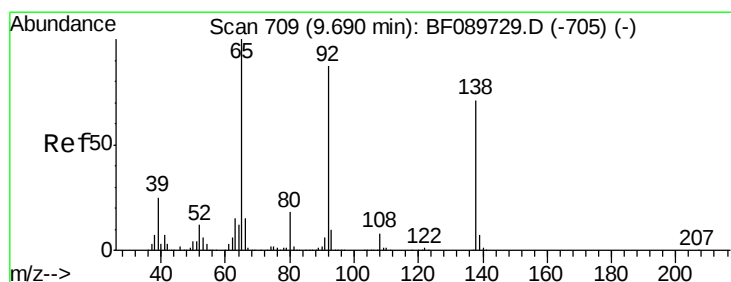
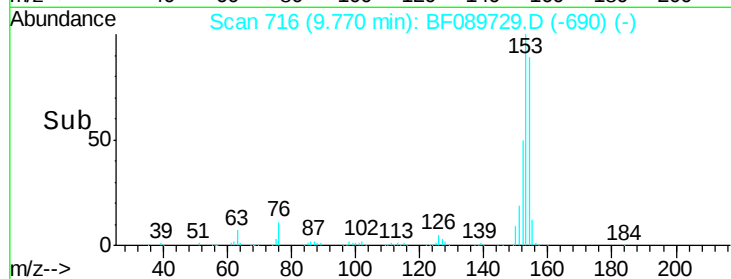
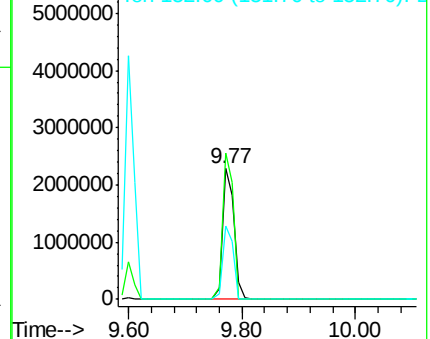


Abundance

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: 38.99 ng

RT: 9.69 min Scan# 709

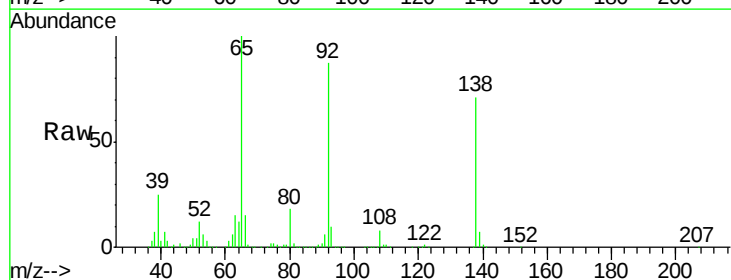
Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion:138 Resp: 1013728

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.1	12.1
92	121.9	92.7	139.1

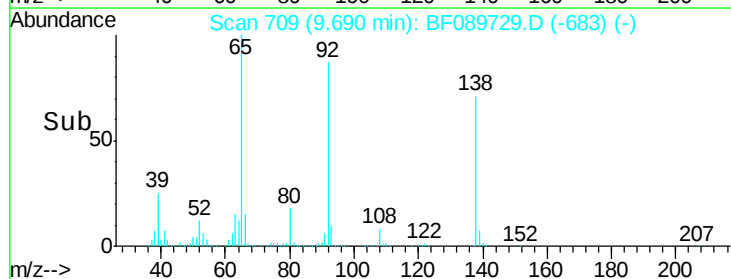
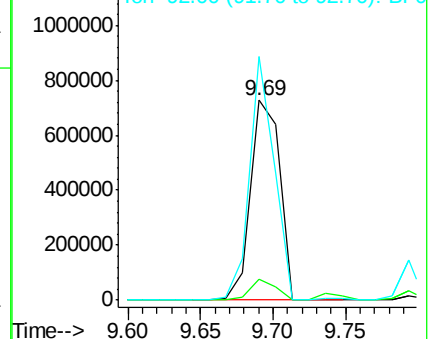


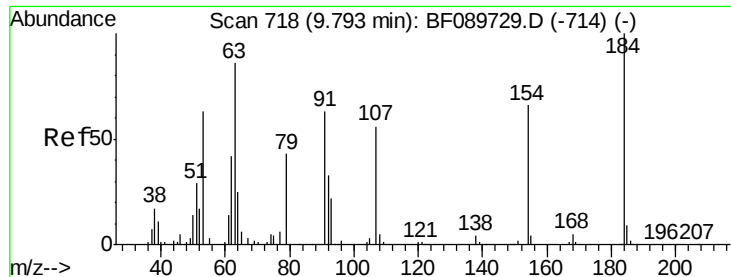
Abundance

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

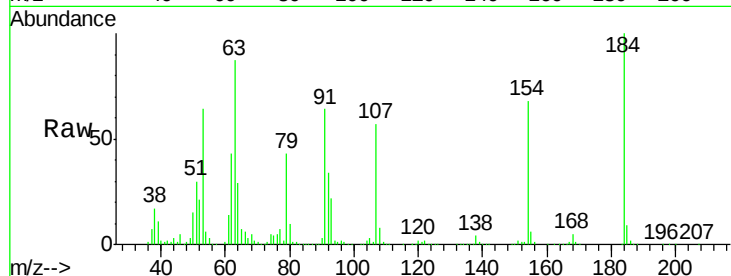




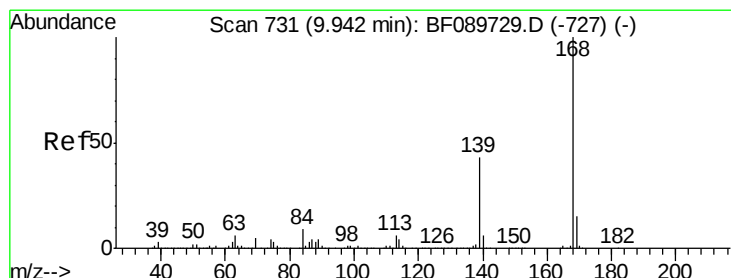
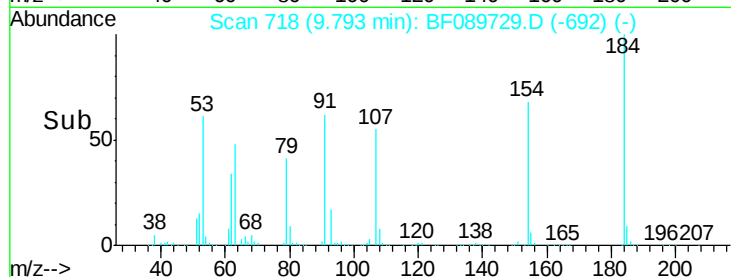
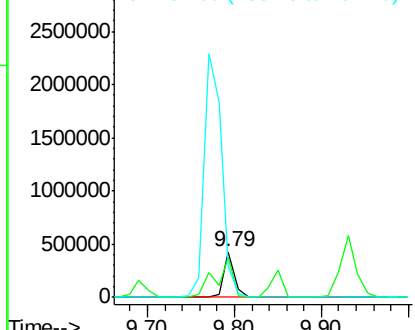
#53
2,4-Dinitrophenol
Concen: 52.25 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 372127
Ion Ratio Lower Upper
184 100
63 86.5 54.2 81.4#
154 68.4 52.7 79.1

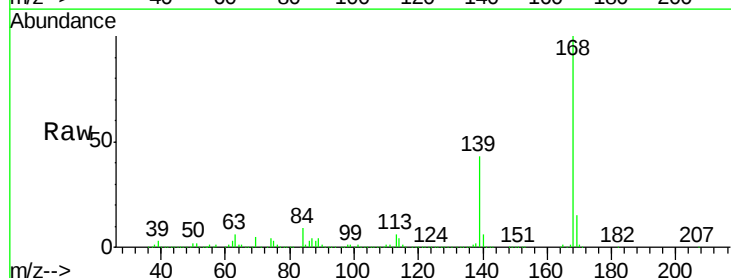


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

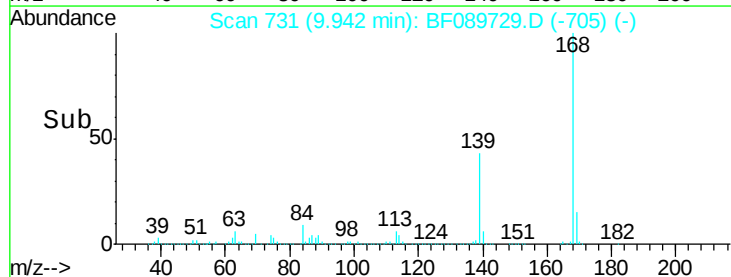
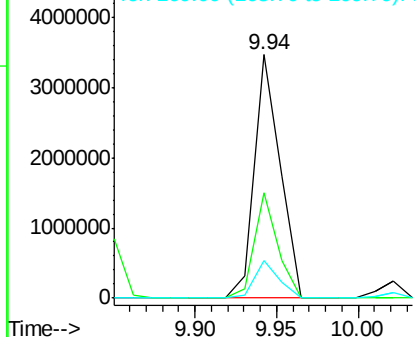


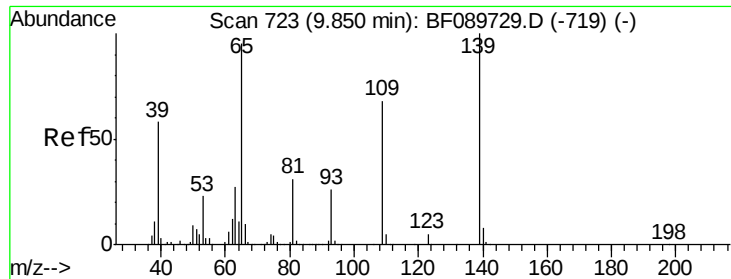
#54
Dibenzofuran
Concen: 33.51 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:168 Resp: 3797818
Ion Ratio Lower Upper
168 100
139 43.4 34.6 52.0
169 15.2 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

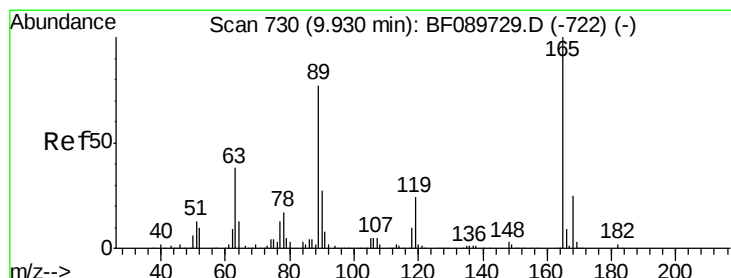
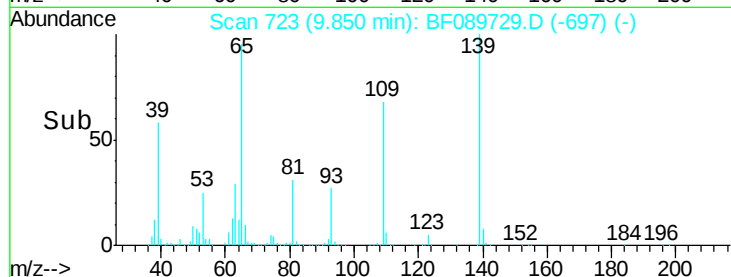
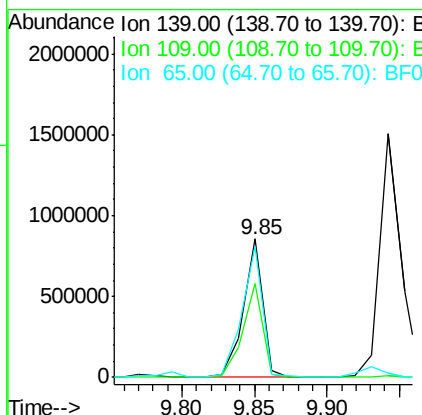
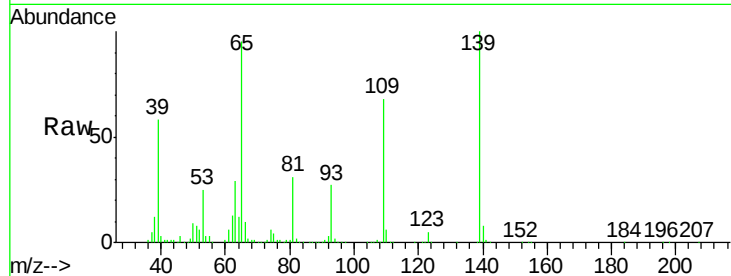




#55
4-Nitrophenol
Concen: 40.11 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

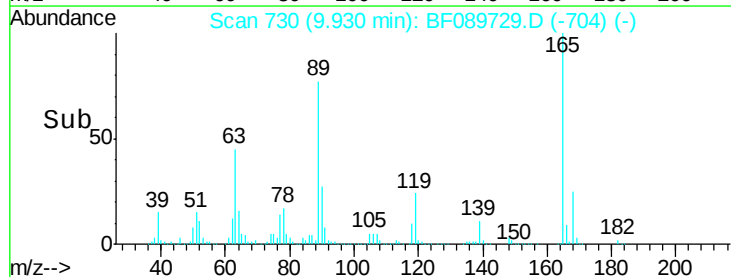
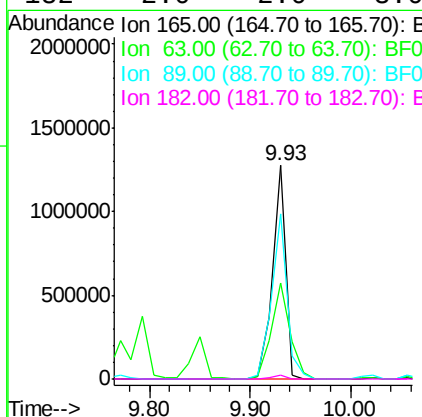
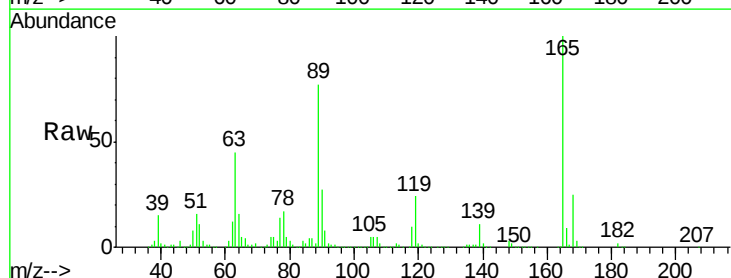
Instrument :
BNA_F
ClientSampleId :

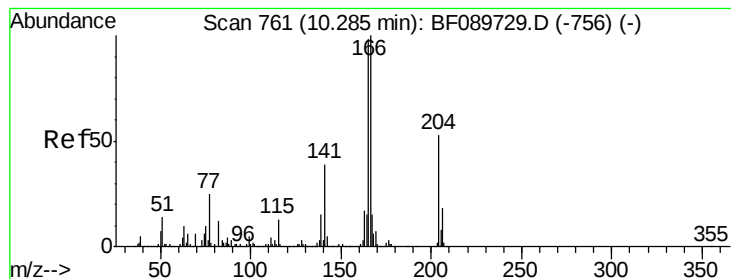
Tot Ion:139 Resp: 797224
Ion Ratio Lower Upper
139 100
109 68.1 43.0 83.0
65 95.2 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 44.73 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:165 Resp: 1158122
Ion Ratio Lower Upper
165 100
63 45.2 23.7 35.5#
89 77.1 44.0 66.0#
182 2.0 2.0 3.0





#57

Fluorene

Concen: 35.89 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

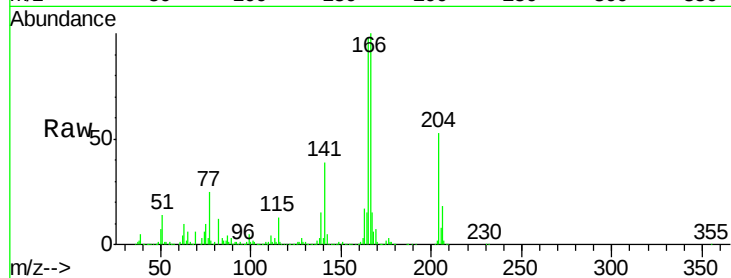
Tot Ion:166 Resp: 2916788

Ion Ratio Lower Upper

166 100

165 98.1 80.2 120.4

167 14.8 11.3 16.9

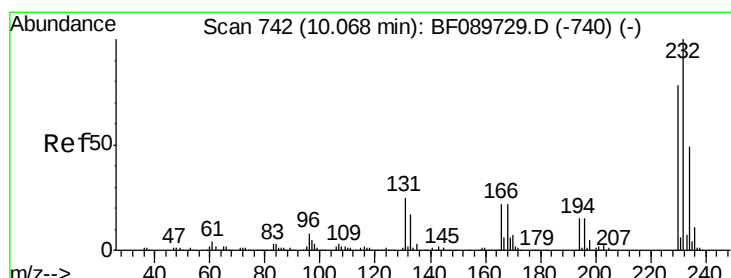
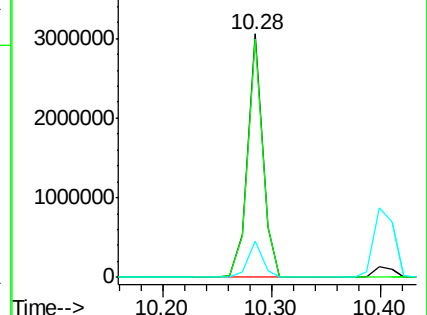
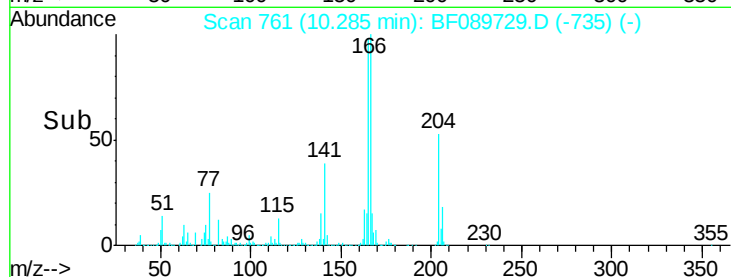


Abundance

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: 36.89 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion:232 Resp: 786055

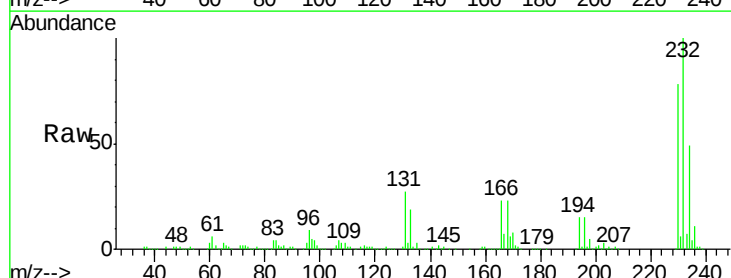
Ion Ratio Lower Upper

232 100

131 51.5 42.5 63.7

130 2.6 2.2 3.4

166 33.3 27.3 40.9



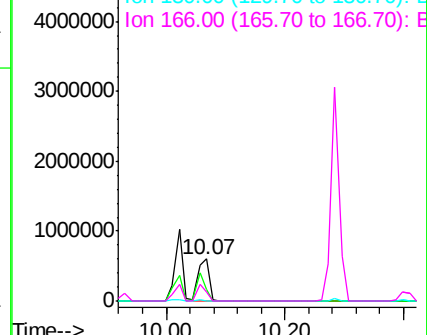
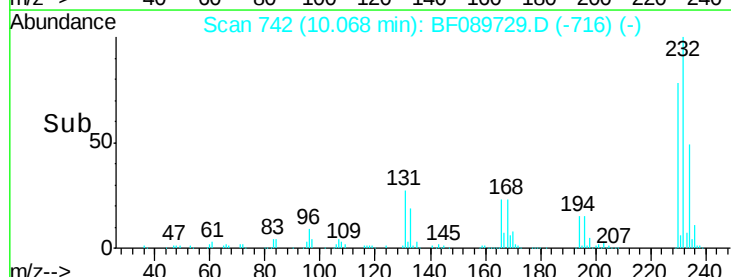
Abundance

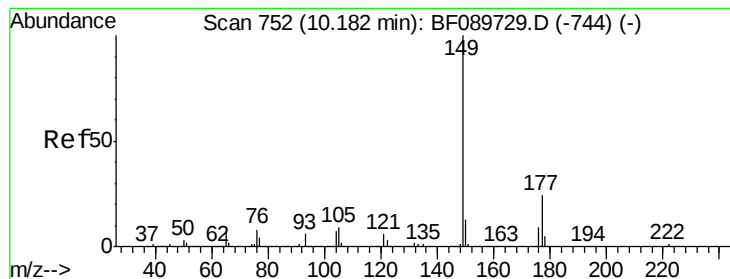
Ion 232.00 (231.70 to 232.70): E

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: 42.08 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampled :

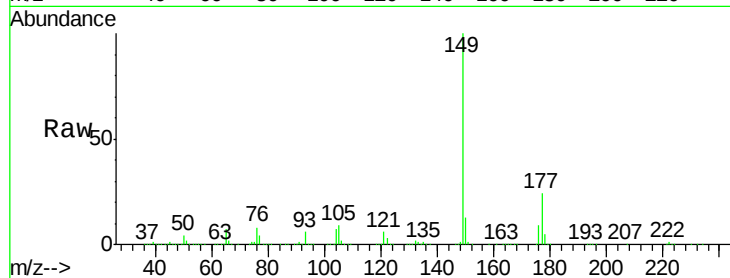
Tot Ion:149 Resp: 3891593

Ion Ratio Lower Upper

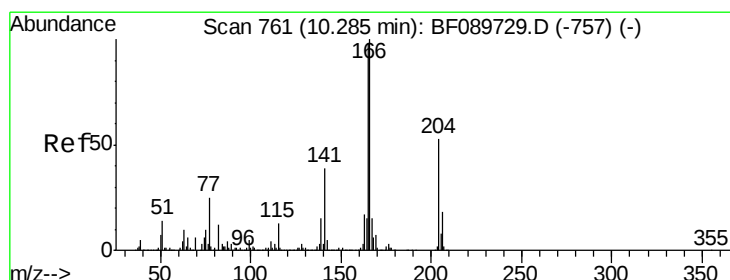
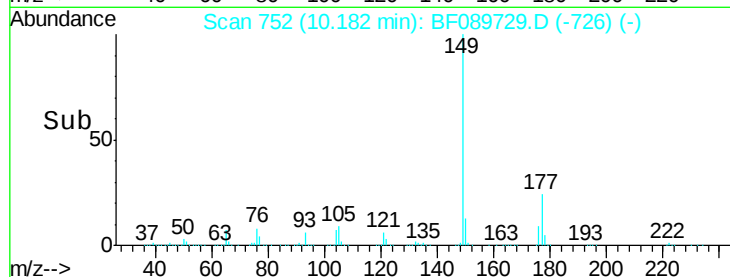
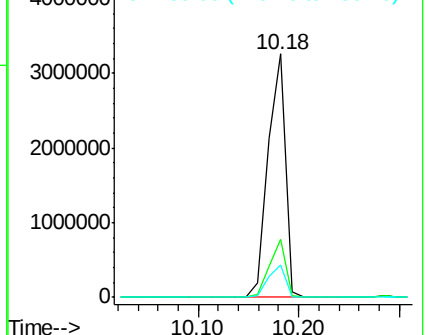
149 100

177 23.6 16.6 25.0

150 13.2 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: 38.32 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

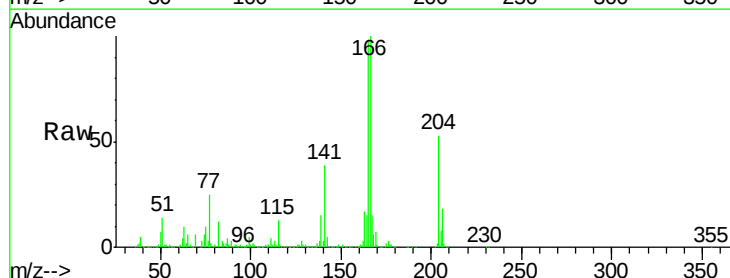
Tgt Ion:204 Resp: 1374685

Ion Ratio Lower Upper

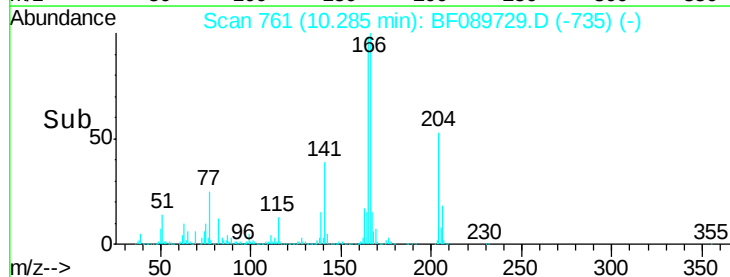
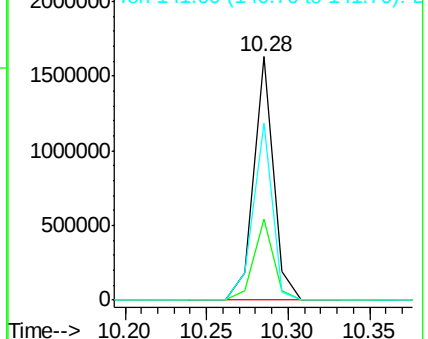
204 100

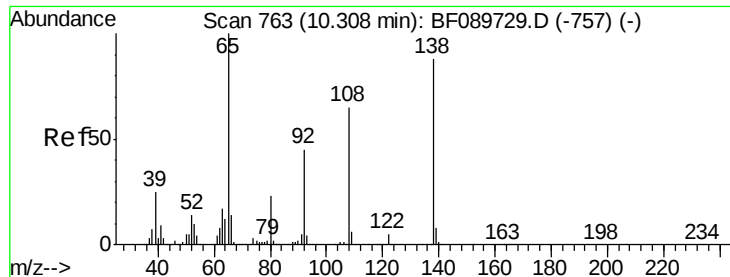
206 33.4 26.5 39.7

141 72.7 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

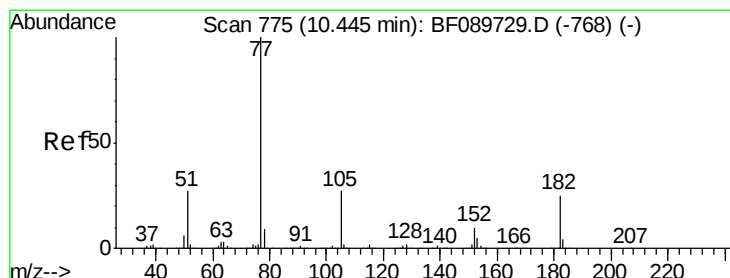
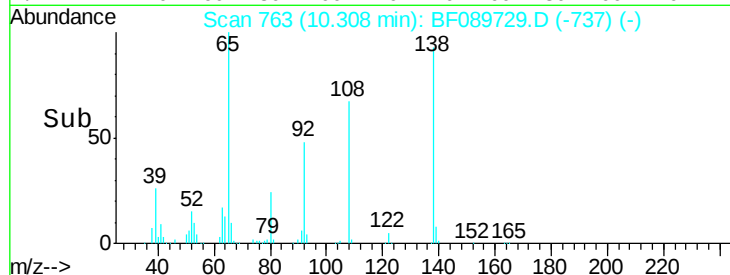
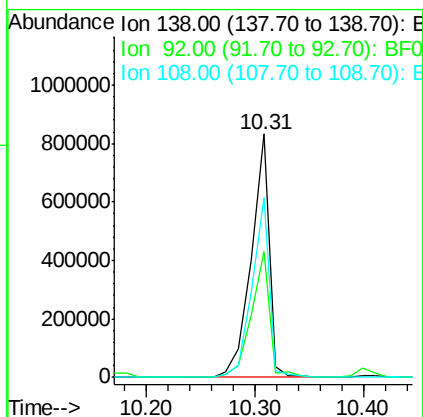
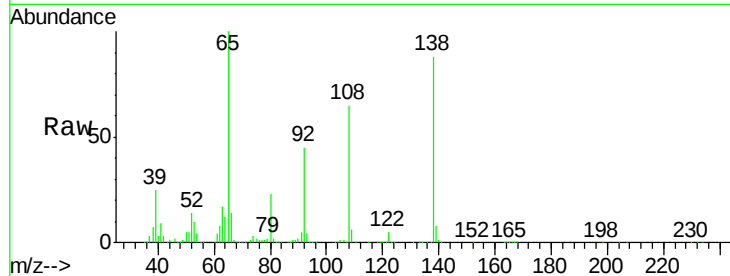




#61
4-Nitroaniline
Concen: 41.99 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

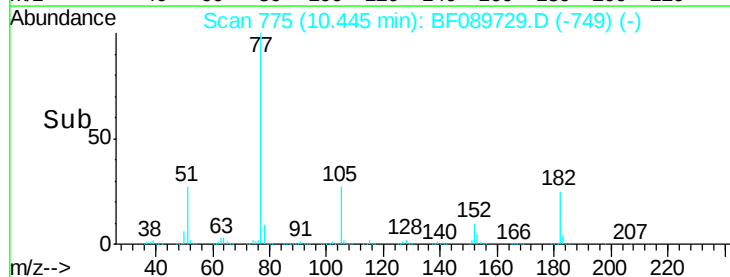
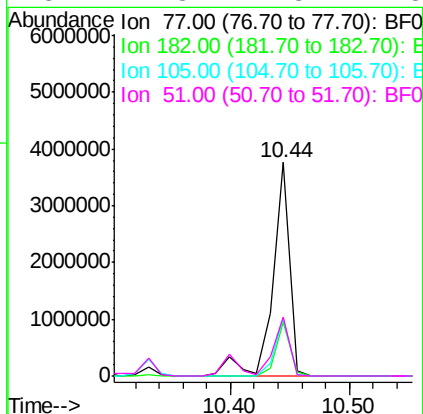
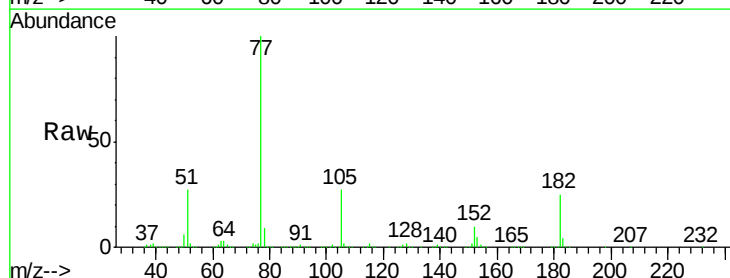
Instrument :
BNA_F
ClientSampleId :

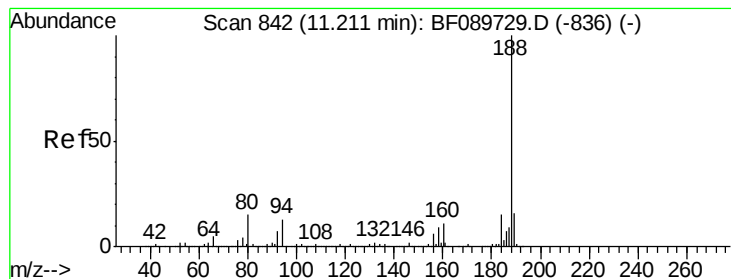
Tot Ion:138 Resp: 963904
Ion Ratio Lower Upper
138 100
92 51.5 26.4 66.4
108 73.7 47.0 87.0



#62
Azobenzene
Concen: 37.52 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion: 77 Resp: 3760687
Ion Ratio Lower Upper
77 100
182 25.2 5.6 45.6
105 27.1 4.0 44.0
51 27.3 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampled :

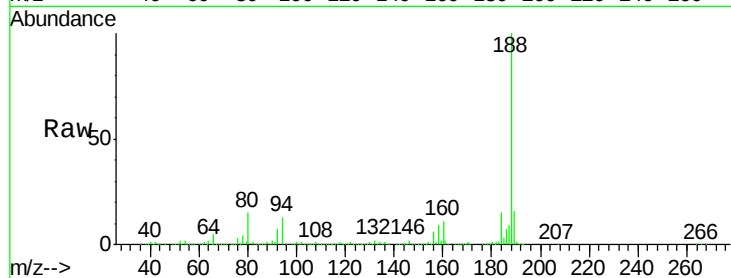
Tot Ion:188 Resp: 2435442

Ion Ratio Lower Upper

188 100

94 13.5 10.2 15.2

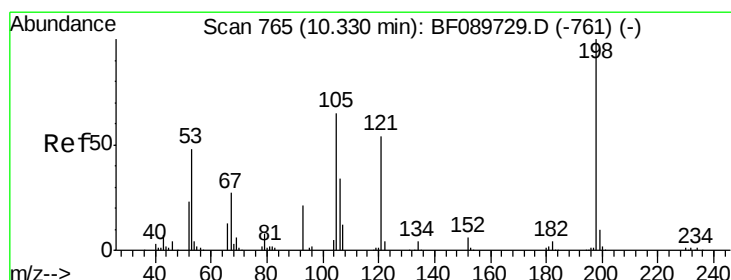
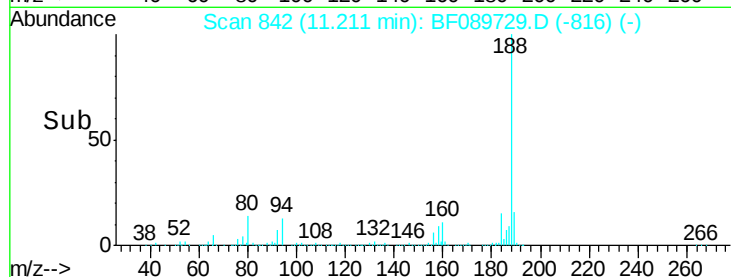
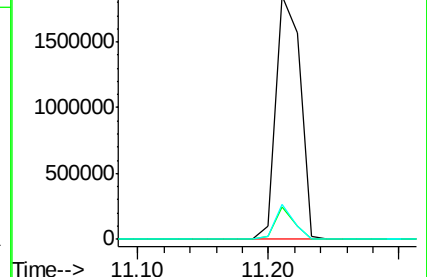
80 14.5 10.9 16.3



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: 38.88 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

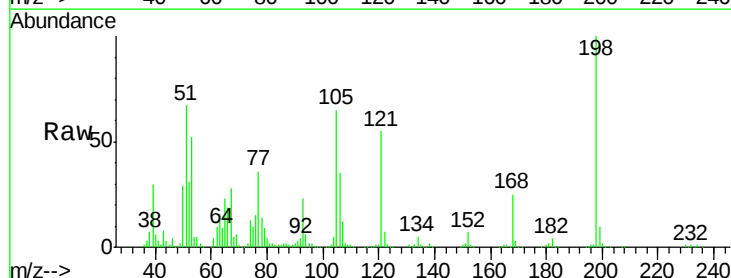
Tgt Ion:198 Resp: 507860

Ion Ratio Lower Upper

198 100

51 67.5 32.3 72.3

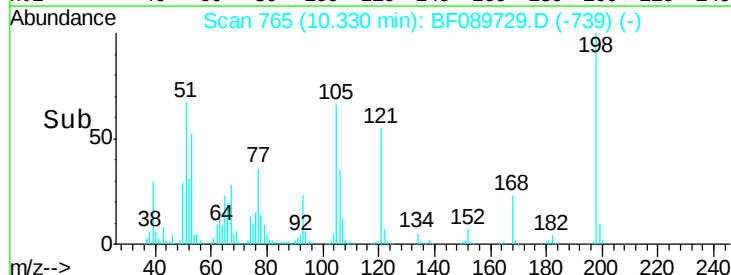
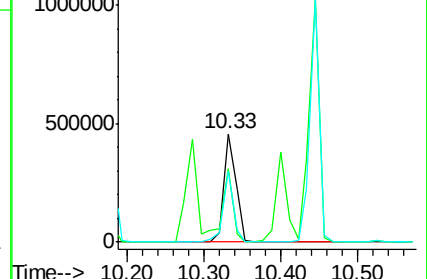
105 65.5 32.9 72.9

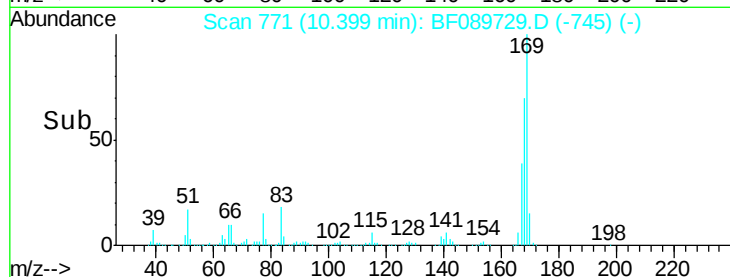
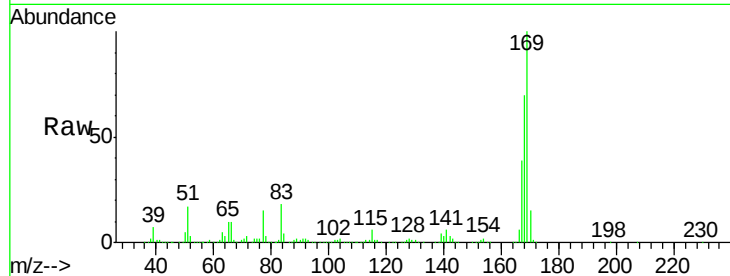
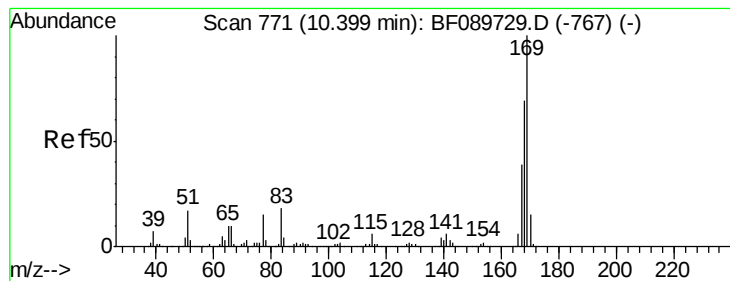


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.13 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

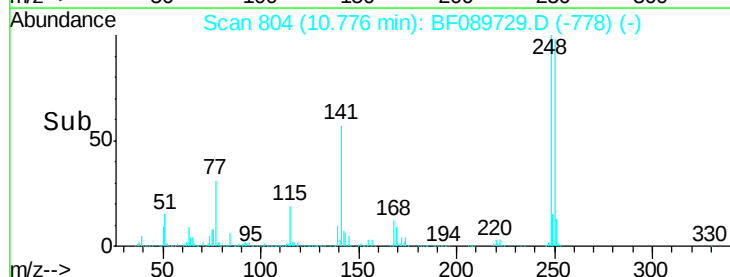
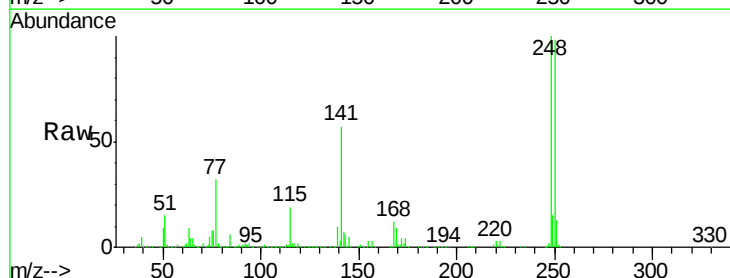
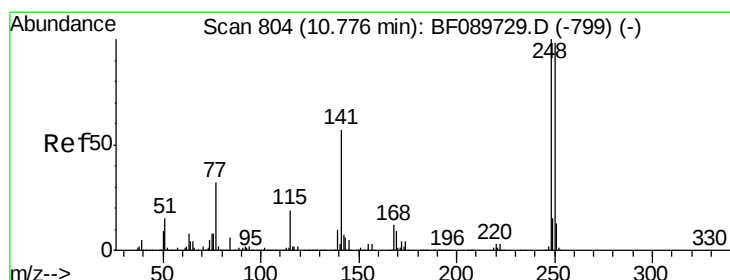
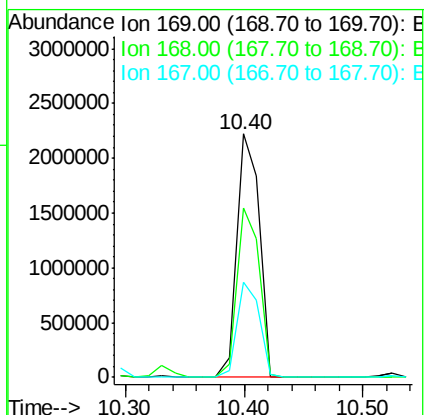
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 2920170

Ion	Ratio	Lower	Upper
169	100		
168	69.6	54.6	82.0
167	39.2	30.6	45.8



#66

4-Bromophenyl-phenylether

Concen: 41.90 ng

RT: 10.78 min Scan# 804

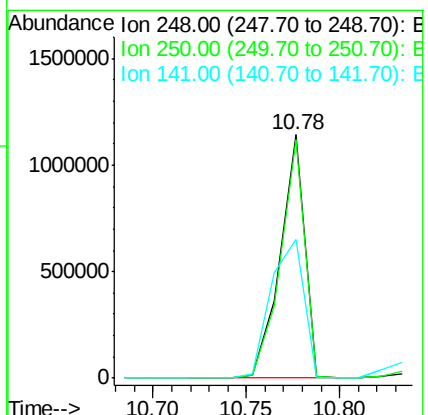
Delta R.T. 0.00 min

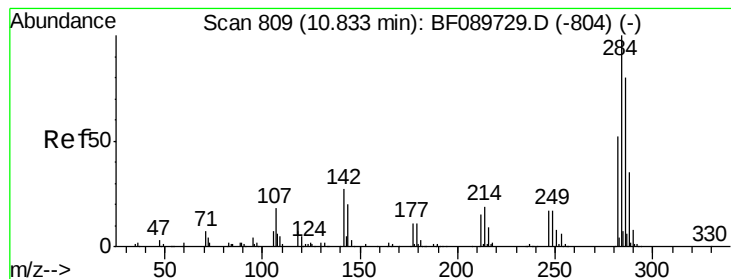
Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion:248 Resp: 1044747

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.6	117.8
141	57.2	31.4	47.2





#67

Hexachlorobenzene

Concen: 40.63 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

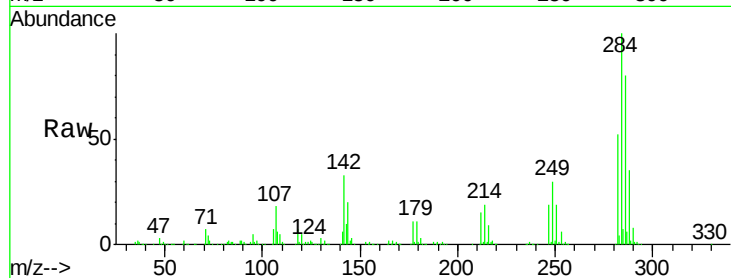
Tot Ion:284 Resp: 1137140

Ion Ratio Lower Upper

284 100

142 33.3 17.4 26.2#

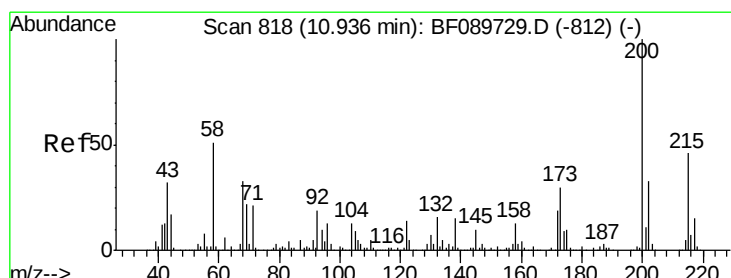
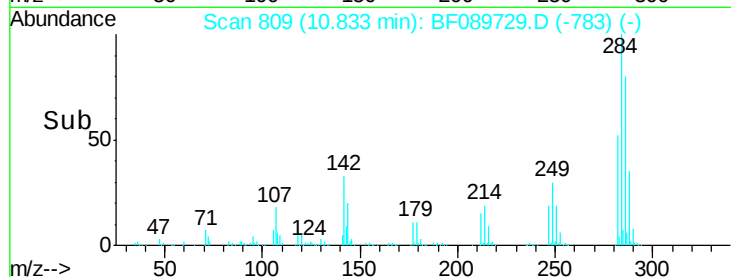
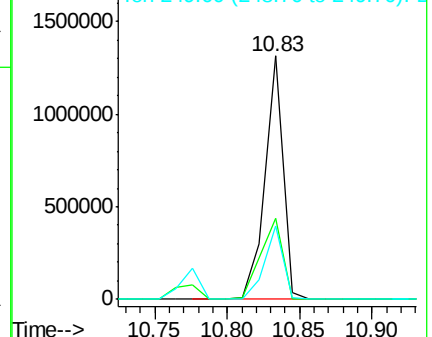
249 30.0 22.8 34.2



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: 39.31 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

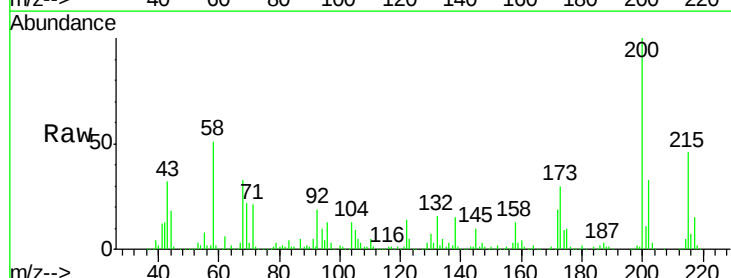
Tgt Ion:200 Resp: 909103

Ion Ratio Lower Upper

200 100

173 30.5 6.6 46.6

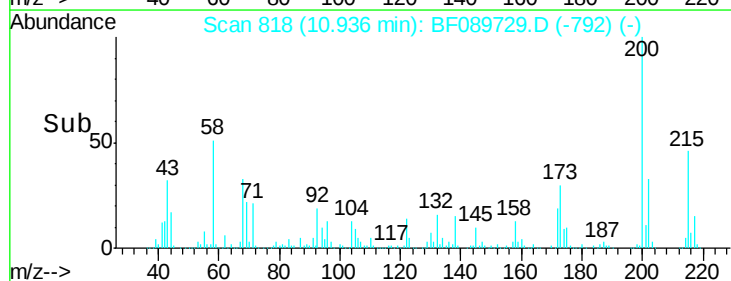
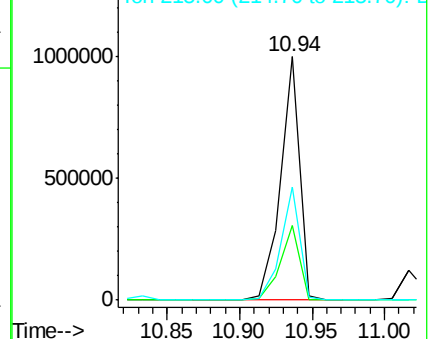
215 46.3 24.7 64.7

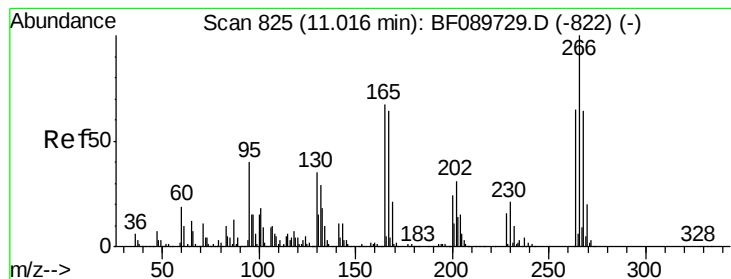


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.95 ng

RT: 11.02 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

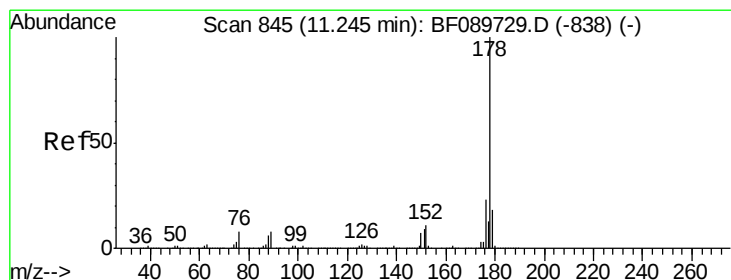
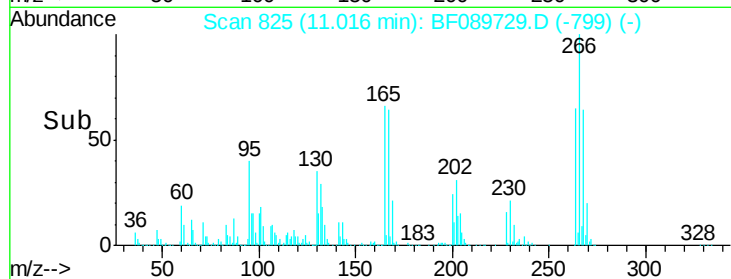
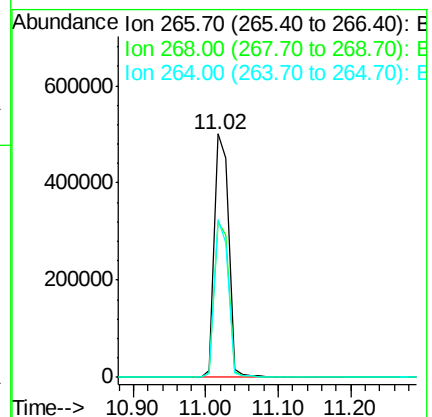
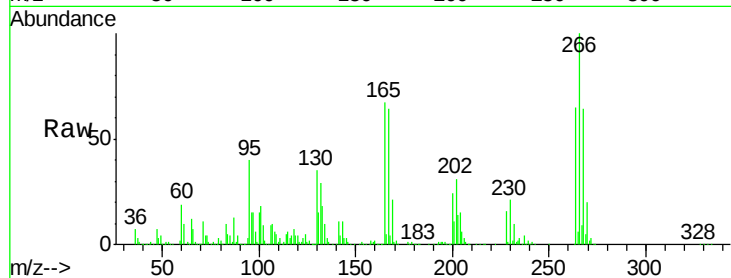
Tot Ion:266 Resp: 691005

Ion Ratio Lower Upper

266 100

268 63.8 53.2 79.8

264 65.1 51.1 76.7



#70

Phenanthrene

Concen: 41.53 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

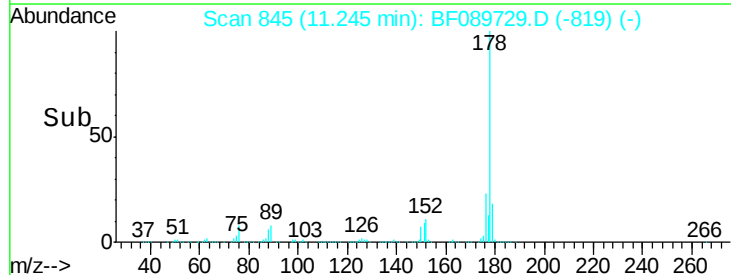
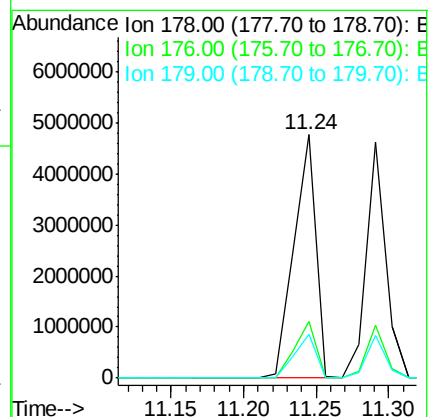
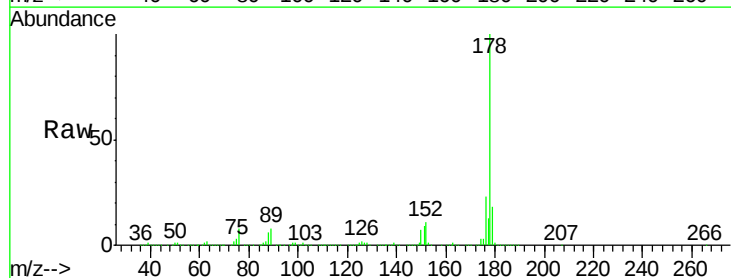
Tgt Ion:178 Resp: 5017363

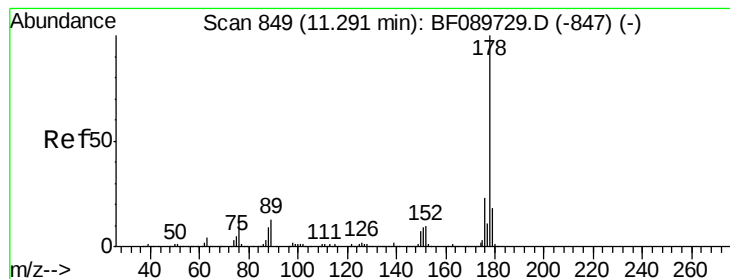
Ion Ratio Lower Upper

178 100

176 23.3 16.4 24.6

179 18.2 12.5 18.7





#71

Anthracene

Concen: 34.15 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

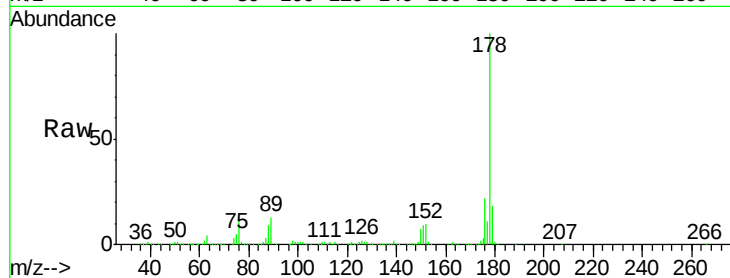
Tot Ion:178 Resp: 4317509

Ion Ratio Lower Upper

178 100

176 22.5 16.4 24.6

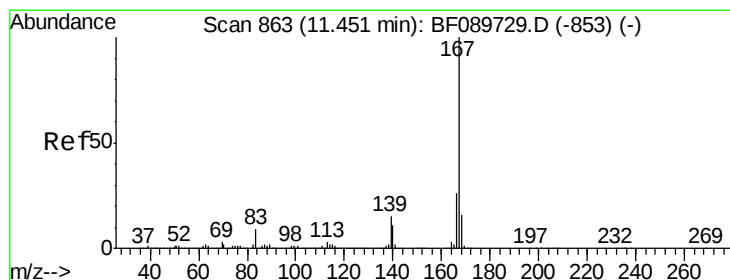
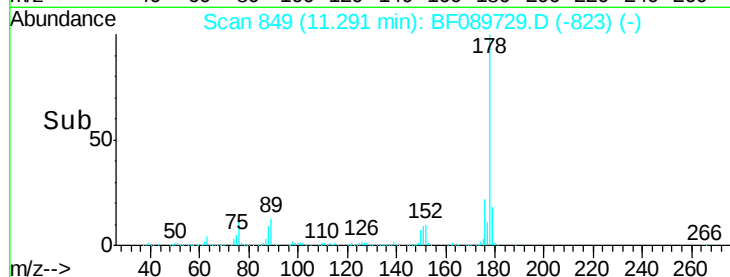
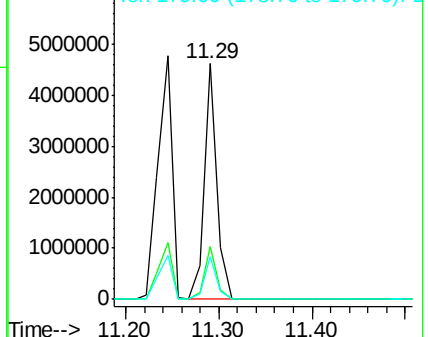
179 18.0 13.1 19.7



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: 40.24 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

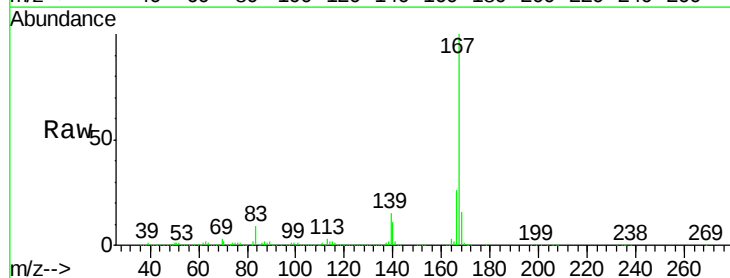
Tgt Ion:167 Resp: 4847857

Ion Ratio Lower Upper

167 100

166 25.6 17.9 26.9

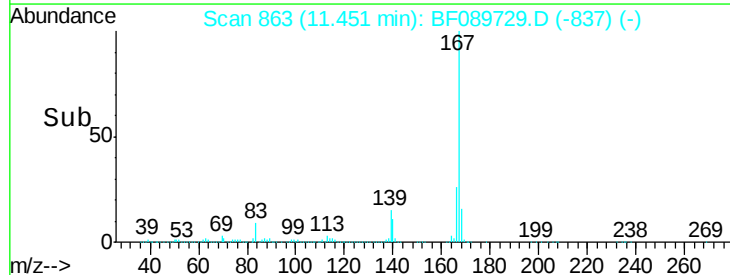
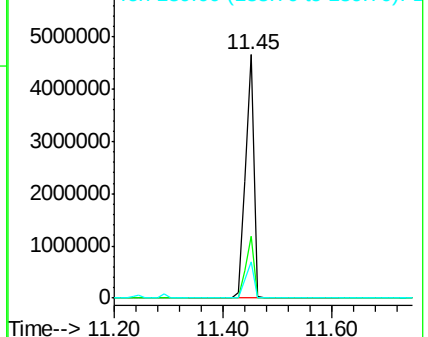
139 14.6 12.4 18.6

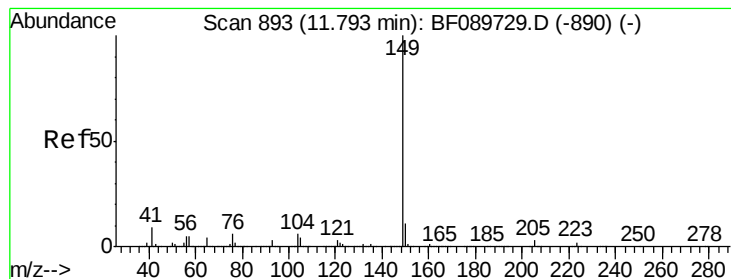


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.95 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

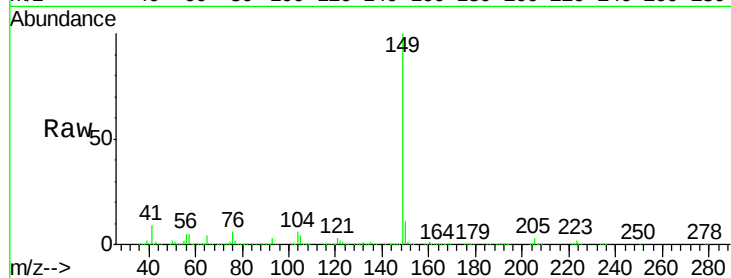
Tot Ion:149 Resp: 5273126

Ion Ratio Lower Upper

149 100

150 11.2 7.9 11.9

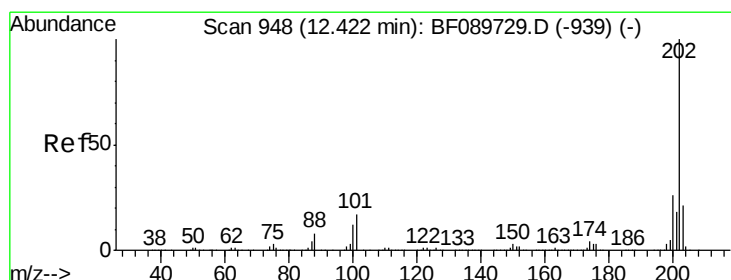
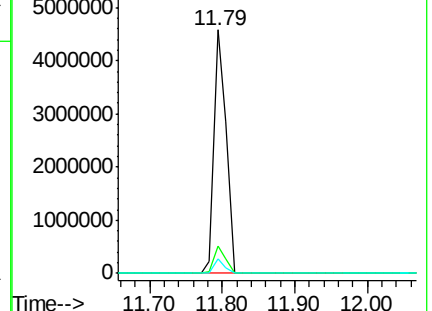
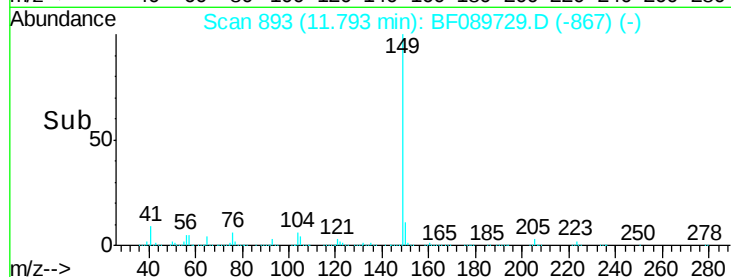
104 6.2 4.3 6.5



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: 34.54 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

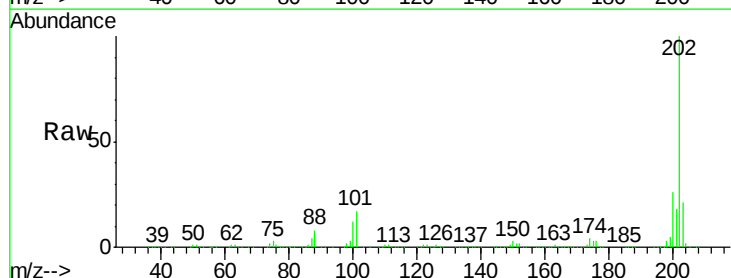
Tgt Ion:202 Resp: 4409194

Ion Ratio Lower Upper

202 100

101 16.7 0.0 31.2

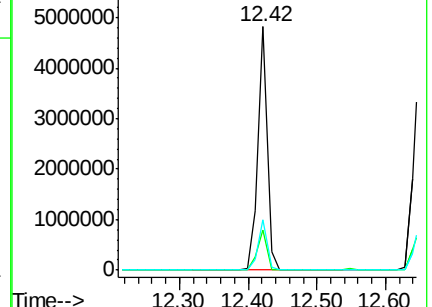
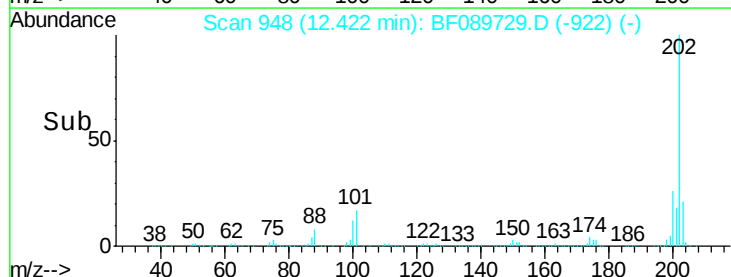
203 20.9 0.0 38.1

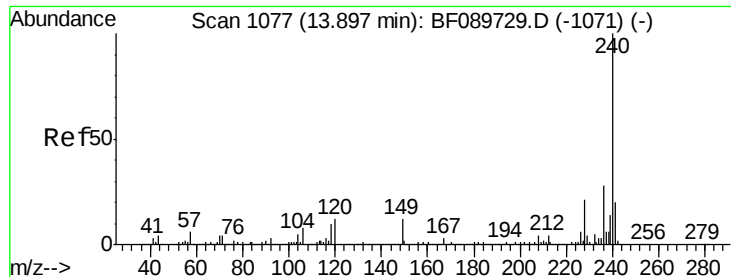


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

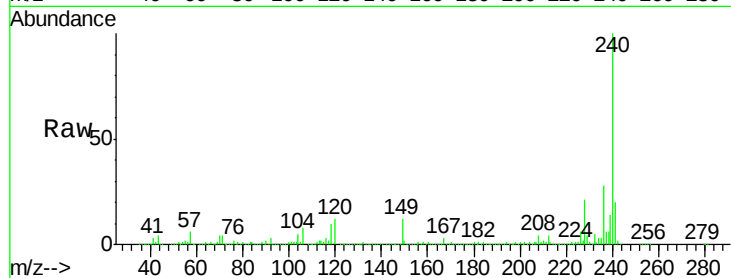
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 2039087

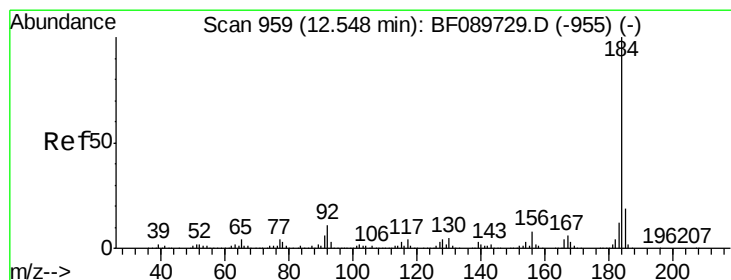
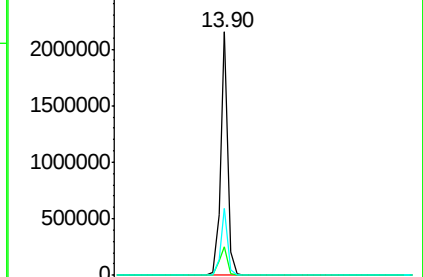
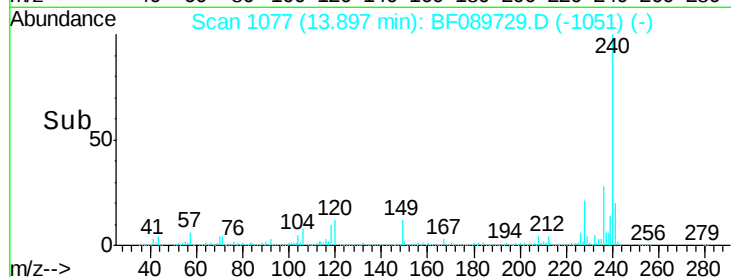
Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	27.6	21.3	31.9



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: 37.79 ng

RT: 12.55 min Scan# 959

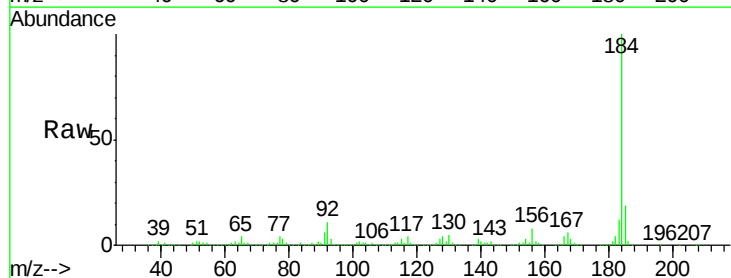
Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion:184 Resp: 2639355

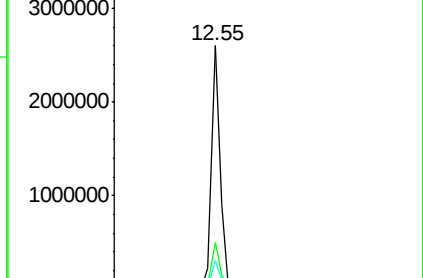
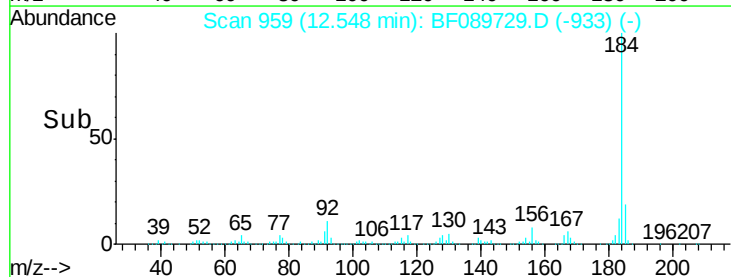
Ion	Ratio	Lower	Upper
184	100		
185	19.3	13.8	20.8
183	11.8	9.7	14.5

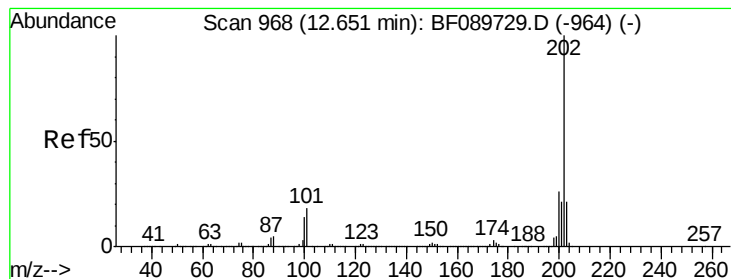


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.52 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

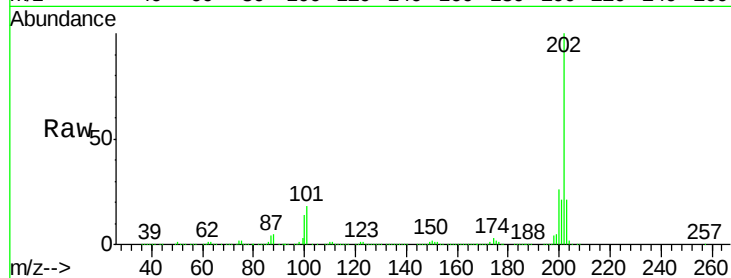
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 4773559

Ion	Ratio	Lower	Upper
202	100		
200	26.2	17.8	26.6
203	21.1	14.2	21.4

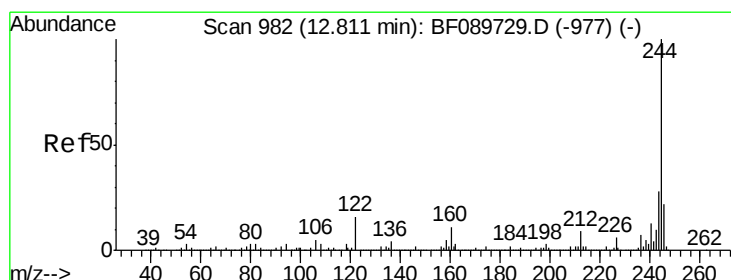
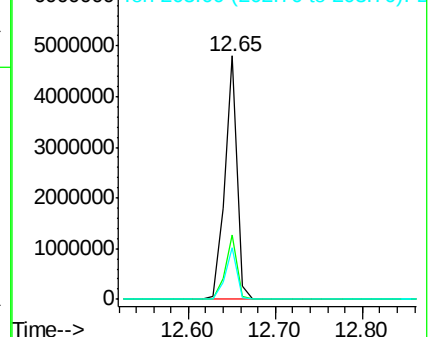
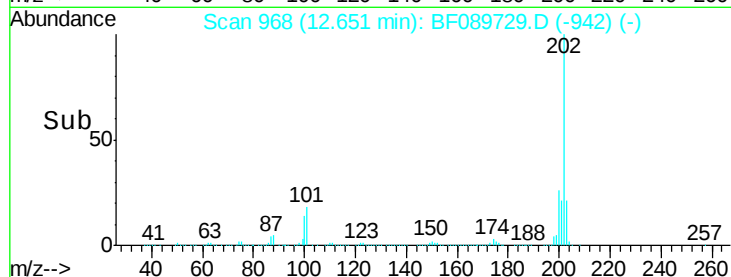


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 33.67 ng

RT: 12.81 min Scan# 982

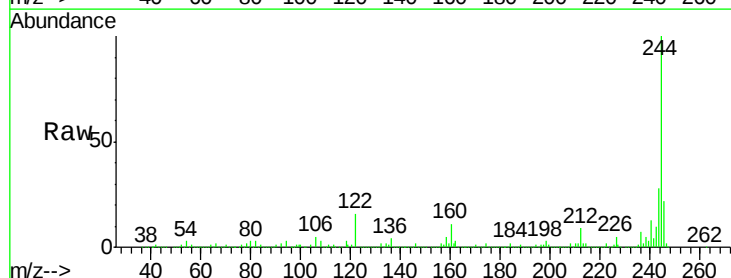
Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Tgt Ion:244 Resp: 4818932

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.3	9.5
122	15.6	12.0	18.0

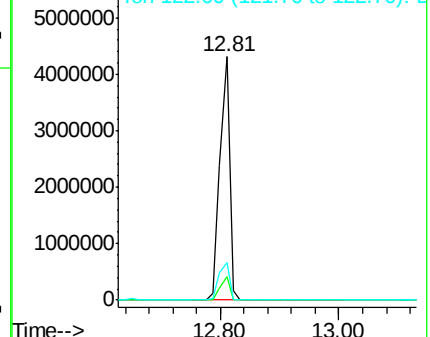
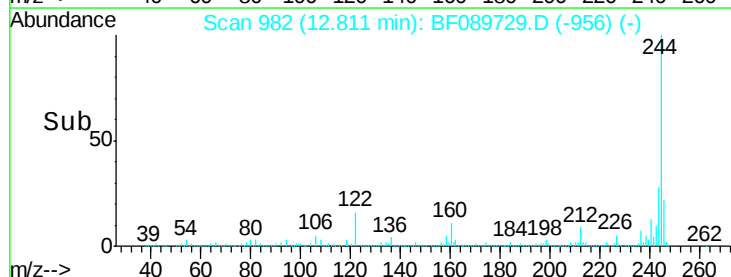


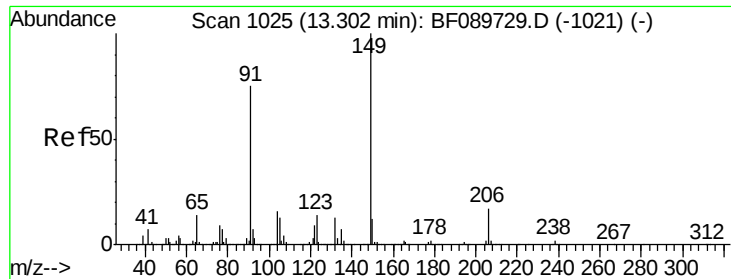
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

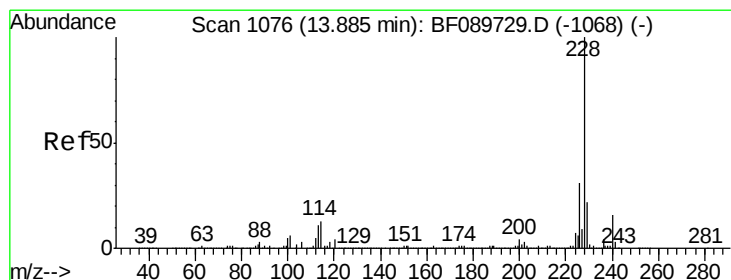
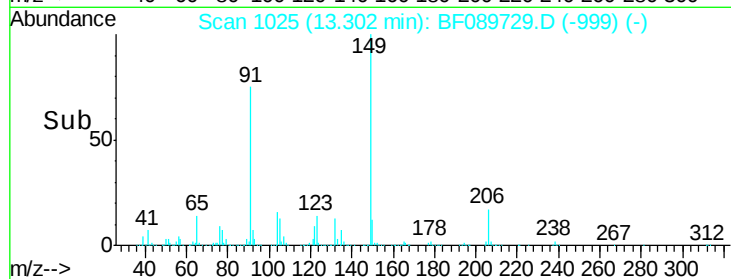
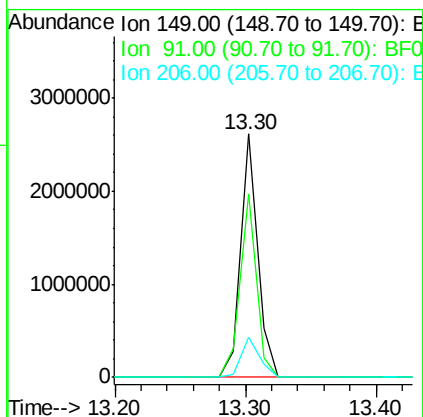
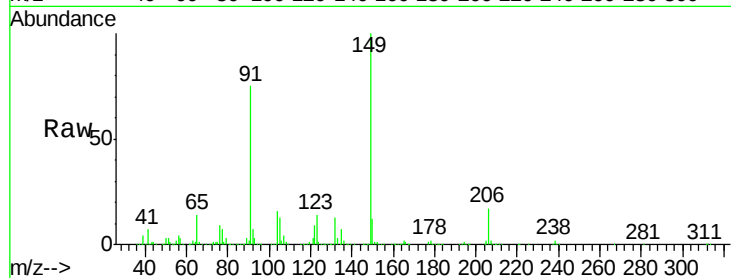




#79
Butylbenzylphthalate
Concen: 39.44 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

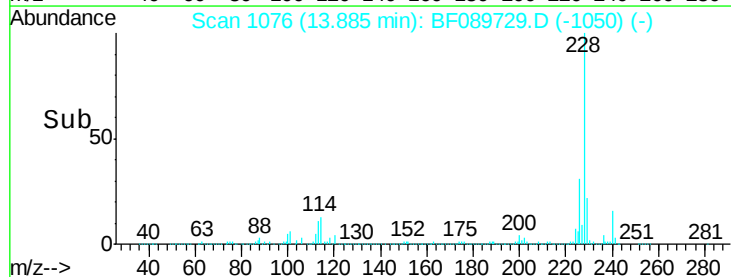
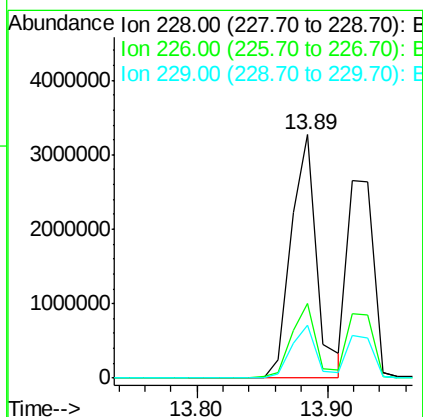
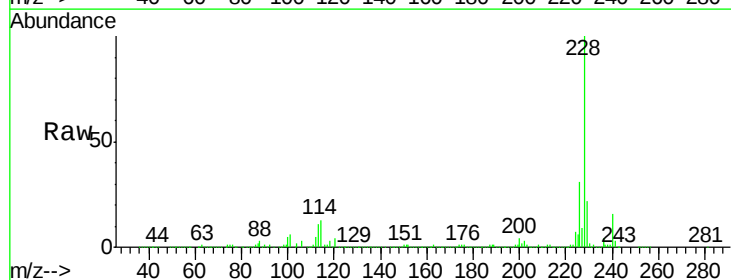
Instrument :
BNA_F
ClientSampleId :

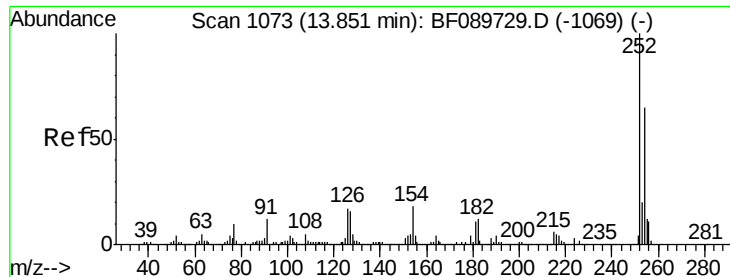
Tot Ion:149 Resp: 2356027
Ion Ratio Lower Upper
149 100
91 75.4 50.7 76.1
206 16.6 15.5 23.3



#80
Benzo(a)anthracene
Concen: 38.30 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:228 Resp: 4483207
Ion Ratio Lower Upper
228 100
226 30.5 23.2 34.8
229 21.7 16.2 24.4

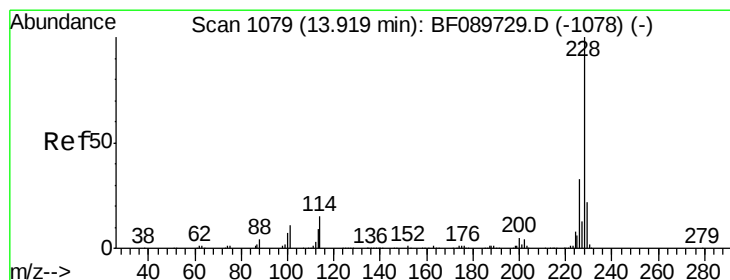
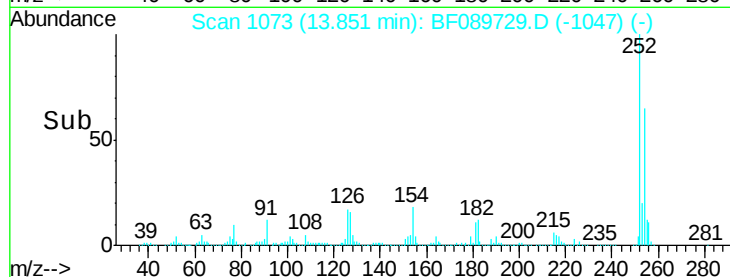
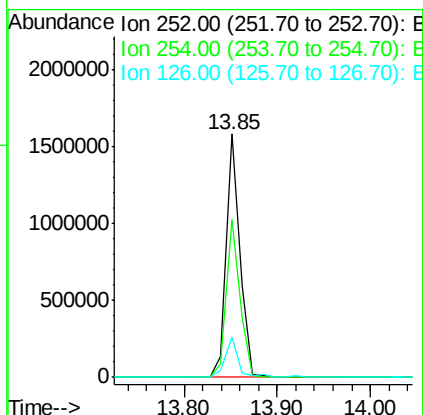
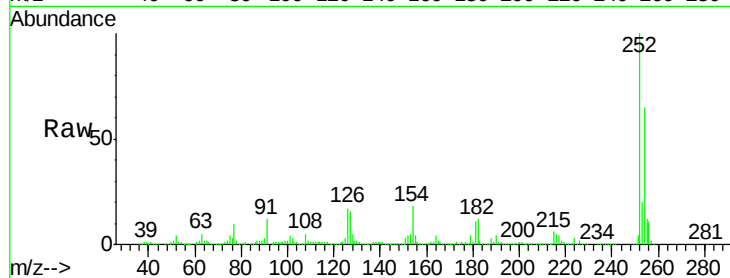




#81
 3,3'-Dichlorobenzidine
 Concen: 37.51 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

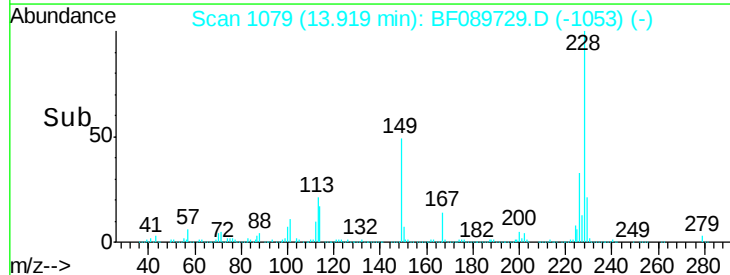
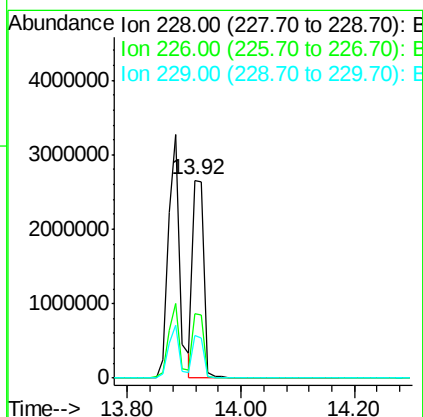
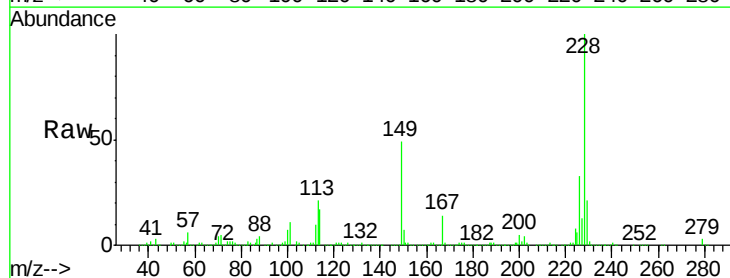
Instrument :
 BNA_F
 ClientSampleId :

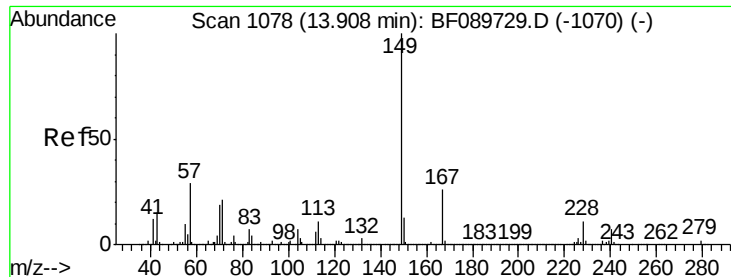
Tot Ion:252 Resp: 1611571
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.6 75.8
 126 16.7 12.6 18.8



#82
 Chrysene
 Concen: 35.68 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion:228 Resp: 3750910
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.4 38.0
 229 21.4 16.5 24.7

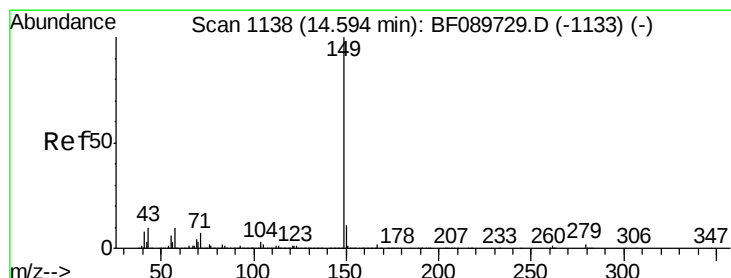
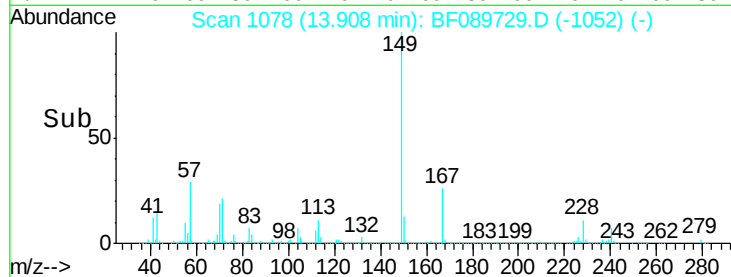
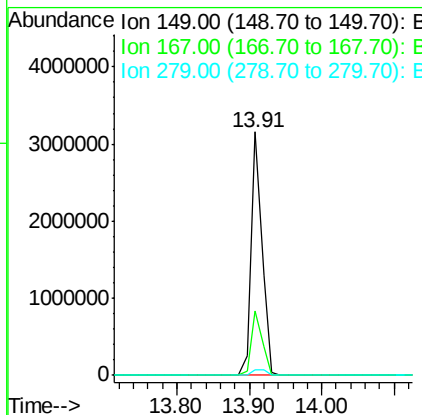
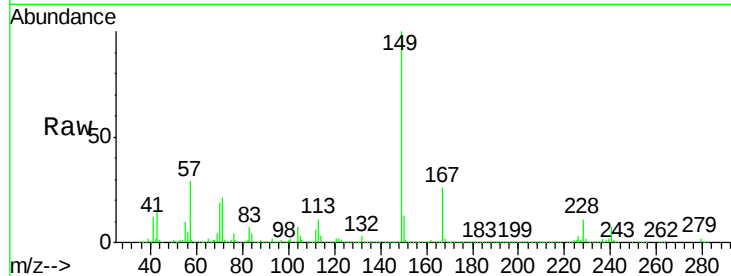




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.36 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

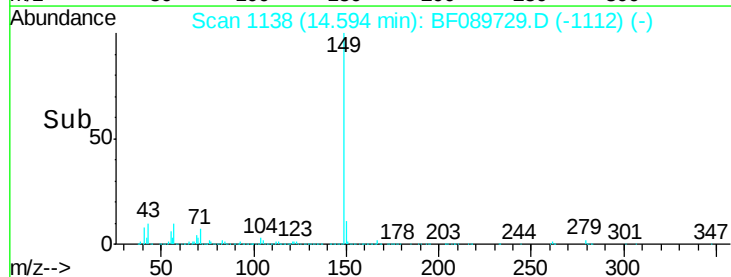
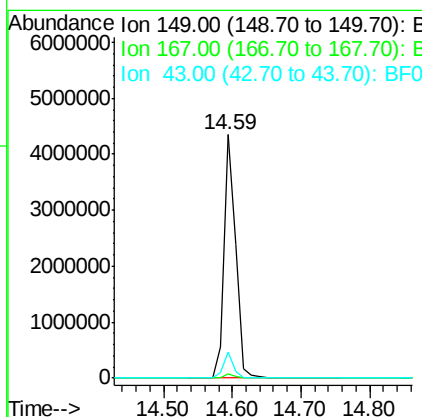
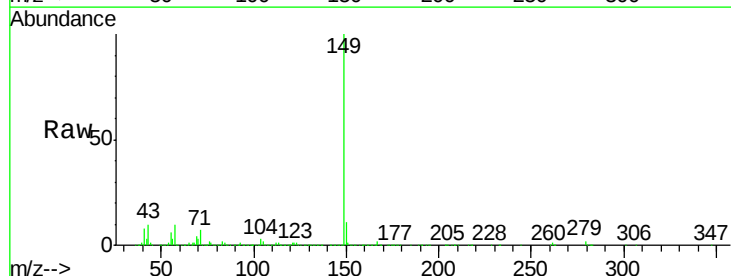
Instrument :
 BNA_F
 ClientSampleId :

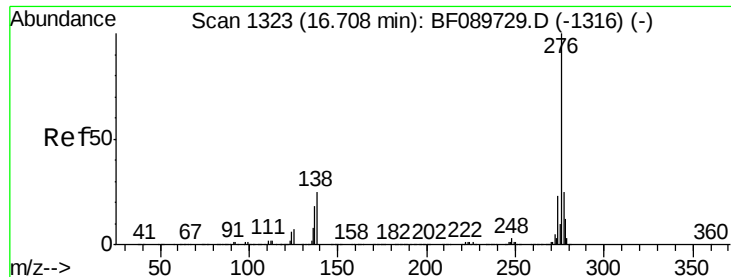
Tot Ion:149 Resp: 3304200
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.2 31.8
 279 2.2 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 41.11 ng
 RT: 14.59 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion:149 Resp: 5195843
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.4 8.4 12.6

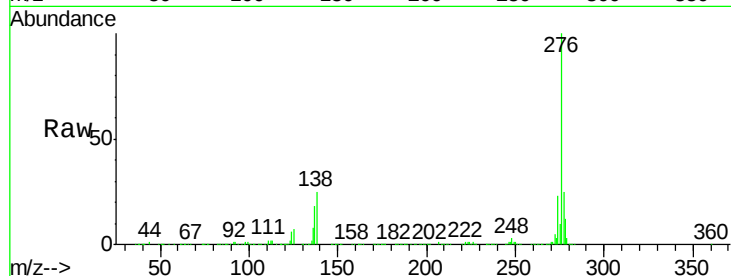




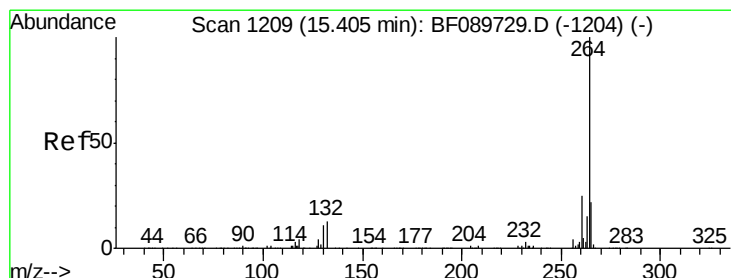
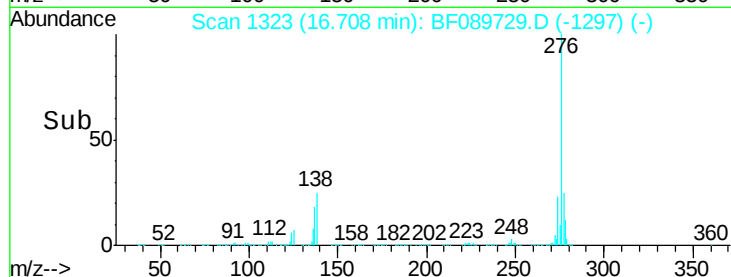
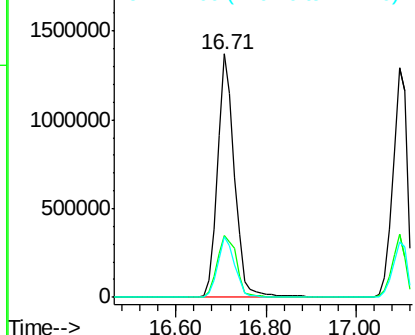
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.92 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 3593726
 Ion Ratio Lower Upper
 276 100
 138 29.5 24.6 36.8
 277 25.4 20.4 30.6

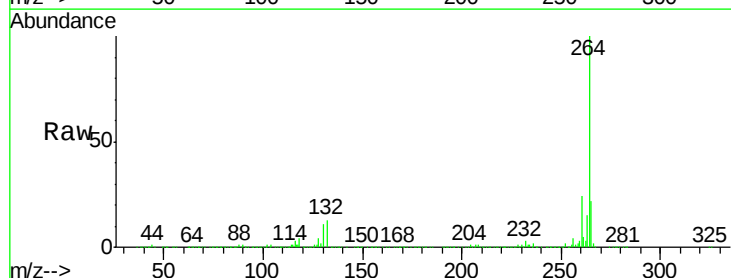


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

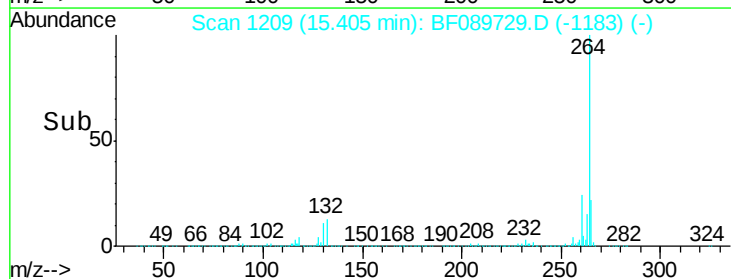
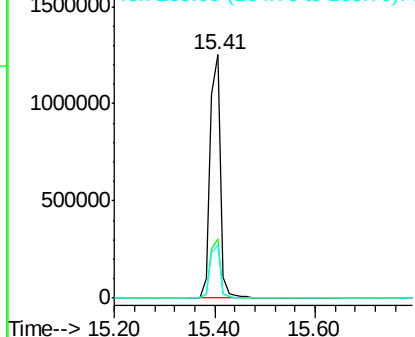


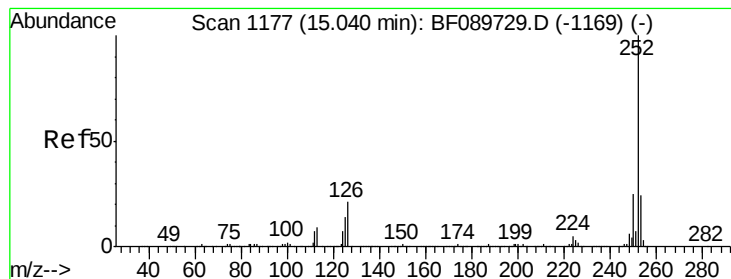
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF089729.D
 Acq: 16 Aug 2016 17:16

Tgt Ion:264 Resp: 1779217
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.2 30.2
 265 21.8 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: 69.04 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.03 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

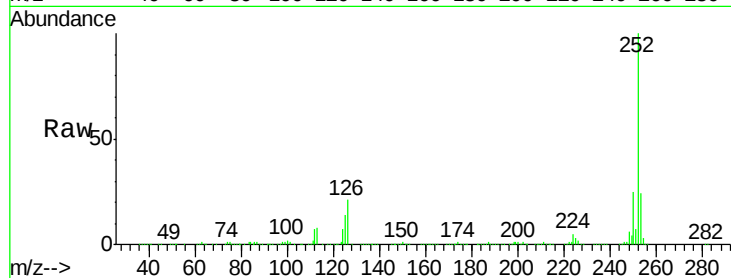
Tot Ion:252 Resp: 7601721

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

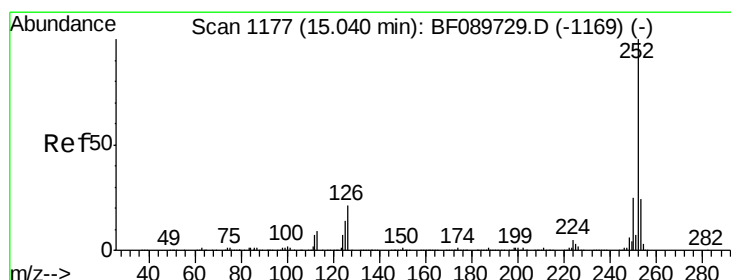
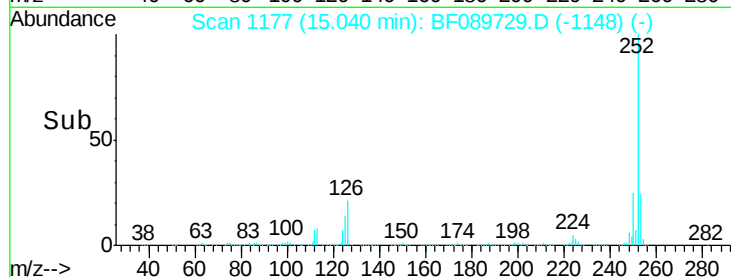
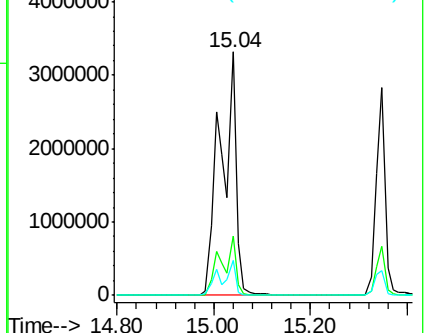
125 14.5 11.4 17.2



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: 86.38 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

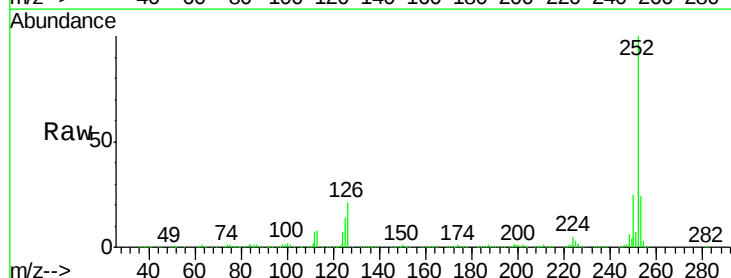
Tgt Ion:252 Resp: 7607041

Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

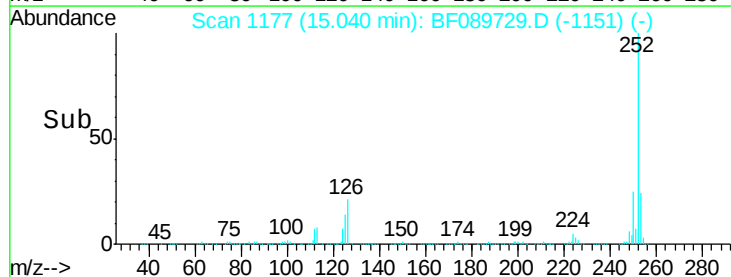
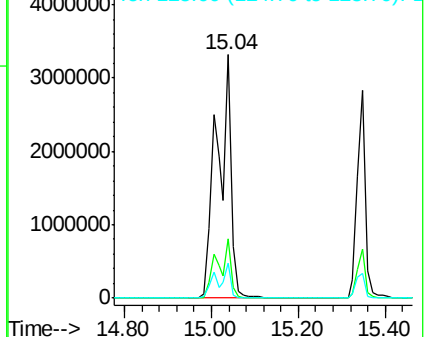
125 14.5 9.8 14.6

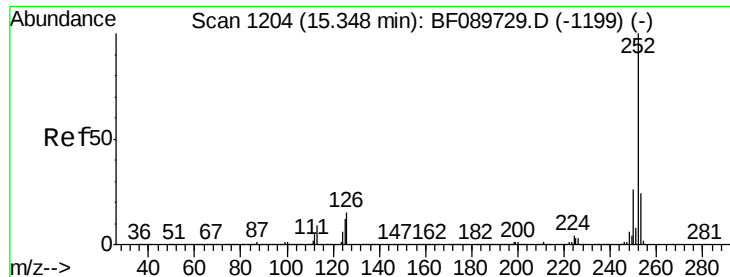


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

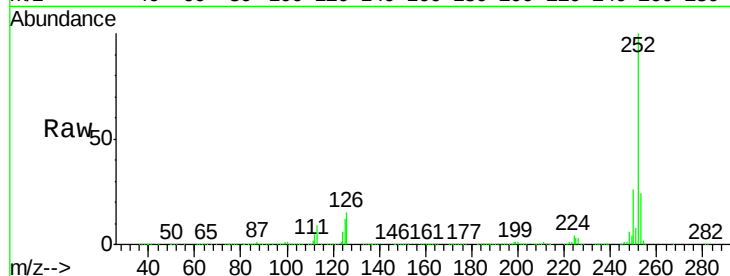




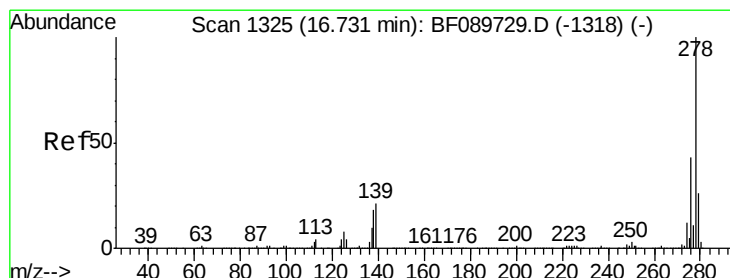
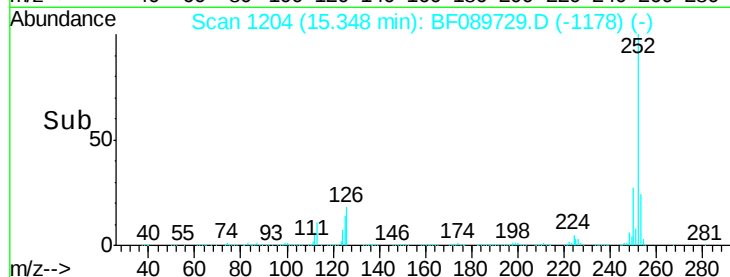
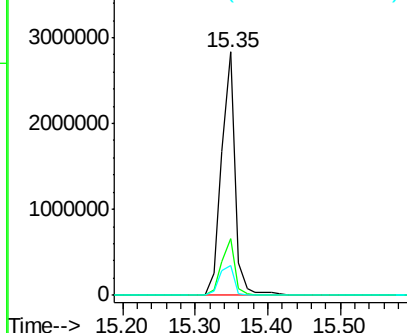
#89
Benzo(a)pyrene
Concen: 39.65 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3662129
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 12.1 11.7 17.5

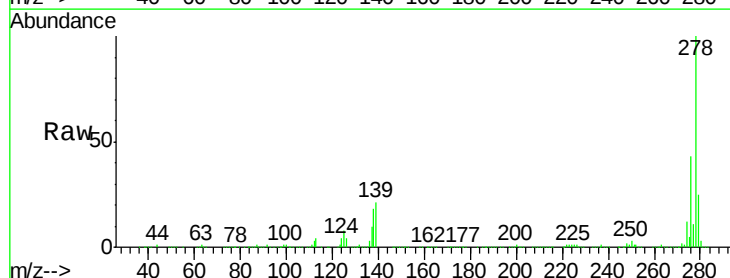


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

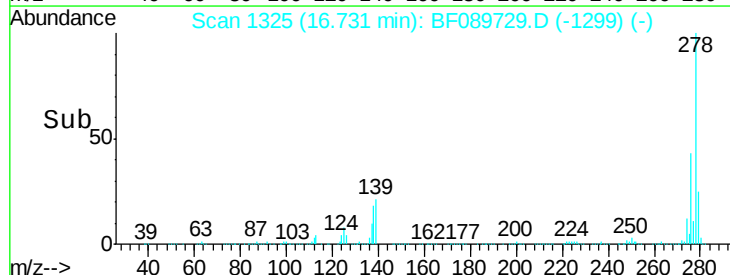
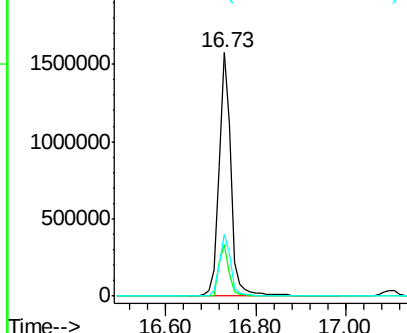


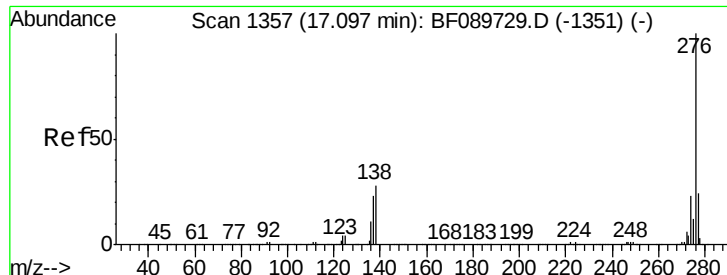
#90
Dibenzo(a,h)anthracene
Concen: 40.20 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF089729.D
Acq: 16 Aug 2016 17:16

Tgt Ion:278 Resp: 2915872
Ion Ratio Lower Upper
278 100
139 21.1 14.9 22.3
279 25.5 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: 39.92 ng

RT: 17.10 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF089729.D

Acq: 16 Aug 2016 17:16

Instrument :

BNA_F

ClientSampleId :

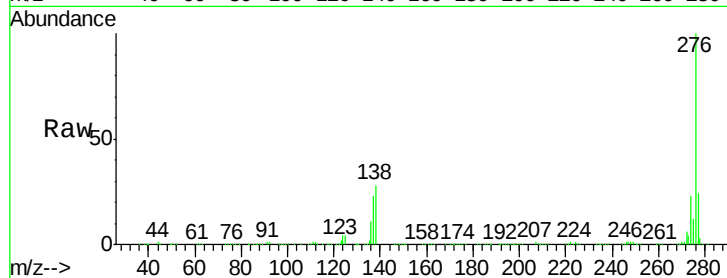
Tot Ion: 276 Resp: 2935069

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 27.6 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

