

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089071.D
 Acq On : 17 Jul 2016 11:38
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 03:12:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	49468	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	198883	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	94729	20.00	ng	-0.06
63) Phenanthrene-d10	11.16	188	185175	20.00	ng	-0.06
75) Chrysene-d12	13.79	240	145831	20.00	ng	-0.06
86) Perylene-d12	15.15	264	110423	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	260354	78.88	ng	-0.05
7) Phenol-d6	6.31	99	323806	75.92	ng	-0.05
23) Nitrobenzene-d5	7.23	82	323165	85.15	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	63749	72.47	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	612939	102.21	ng	-0.05
78) Terphenyl-d14	12.75	244	544045	83.09	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.12	88	54133	33.08	ng	# 31
3) Pyridine	2.76	79	161182	33.94	ng	96
4) n-Nitrosodimethylamine	2.73	42	63230	34.85	ng	97
6) Aniline	6.32	93	218127	35.09	ng	# 55
8) 2-Chlorophenol	6.44	128	146825	41.39	ng	95
9) Benzaldehyde	6.19	77	100231	34.69	ng	81
10) Phenol	6.33	94	176327	36.22	ng	90
11) bis(2-Chloroethyl)ether	6.40	93	126935	34.97	ng	91
12) 1,3-Dichlorobenzene	6.59	146	147519	37.79	ng	# 96
13) 1,4-Dichlorobenzene	6.67	146	148394	38.30	ng	95
14) 1,2-Dichlorobenzene	6.83	146	158377	43.67	ng	96
15) Benzyl Alcohol	6.81	79	122542	39.04	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.95	45	157961	30.05	ng	83
17) 2-Methylphenol	6.94	107	116675	40.32	ng	93
18) Hexachloroethane	7.18	117	59698	39.83	ng	90
19) n-Nitroso-di-n-propylamine	7.08	70	102125	35.65	ng	94
20) 3+4-Methylphenols	7.10	107	152476	43.90	ng	# 74
22) Acetophenone	7.07	105	206431	42.77	ng	# 91
24) Nitrobenzene	7.24	77	140637	36.75	ng	# 81
25) Isophorone	7.50	82	286349	40.73	ng	99
26) 2-Nitrophenol	7.56	139	76905	49.01	ng	96
27) 2,4-Dimethylphenol	7.62	122	128562	39.34	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	168961	36.93	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	120815	45.74	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	126790	43.74	ng	96
31) Naphthalene	7.96	128	394781	40.26	ng	100
32) Benzoic acid	7.76	122	84218	35.49	ng	86
33) 4-Chloroaniline	8.02	127	185131	42.44	ng	97
34) Hexachlorobutadiene	8.09	225	72344	46.61	ng	99
35) Caprolactam	8.40	113	34479	38.44	ng	95
36) 4-Chloro-3-methylphenol	8.51	107	131883	42.22	ng	88
37) 2-Methylnaphthalene	8.66	142	295205	46.76	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	144489	45.86	ng	# 1
40) Hexachlorocyclopentadiene	8.81	237	56575	36.58	ng	99

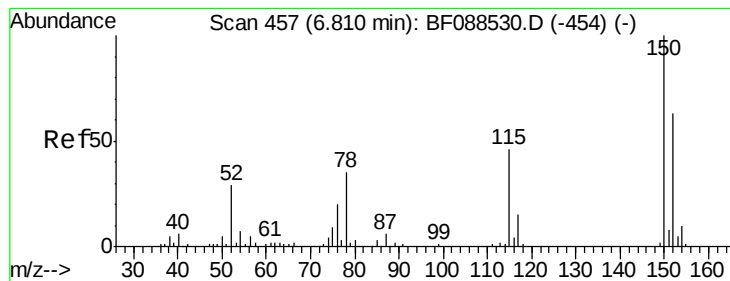
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089071.D
 Acq On : 17 Jul 2016 11:38
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 03:12:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	80572	38.79	nq	99
43) 2,4,5-Trichlorophenol	8.98	196	80227	44.89	nq #	83
45) 1,1'-Biphenyl	9.12	154	325412	41.48	nq	99
46) 2-Chloronaphthalene	9.14	162	244727	39.74	nq	96
47) 2-Nitroaniline	9.24	65	97542	44.63	nq	99
48) Acenaphthylene	9.55	152	385096	39.30	nq	99
49) Dimethylphthalate	9.43	163	277226	41.08	nq	100
50) 2,6-Dinitrotoluene	9.50	165	64634	43.21	nq #	84
51) Acenaphthene	9.72	154	235241	39.17	nq	99
52) 3-Nitroaniline	9.66	138	78640	41.36	nq	91
53) 2,4-Dinitrophenol	9.77	184	30699	46.48	nq #	80
54) Dibenzofuran	9.90	168	315544	40.14	nq #	87
55) 4-Nitrophenol	9.84	139	57828	40.02	nq #	77
56) 2,4-Dinitrotoluene	9.90	165	98145	50.19	nq #	71
57) Fluorene	10.24	166	275539	45.48	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	59390	42.95	nq #	47
59) Diethylphthalate	10.12	149	295787	43.67	nq	97
60) 4-Chlorophenyl-phenylether	10.24	204	139123	49.43	nq	96
61) 4-Nitroaniline	10.26	138	81322	44.44	nq #	76
62) Azobenzene	10.40	77	329730	42.68	nq	94
64) 4,6-Dinitro-2-methylphenol	10.31	198	48067	48.53	nq #	53
65) n-Nitrosodiphenylamine	10.35	169	242859	38.75	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	71148	38.13	nq #	70
67) Hexachlorobenzene	10.79	284	82369	39.87	nq	96
68) Atrazine	10.89	200	84800	43.42	nq	93
69) Pentachlorophenol	10.98	266	44687	36.55	nq	97
70) Phenanthrene	11.20	178	435808	43.05	nq	98
71) Anthracene	11.24	178	417299	41.46	nq	99
72) Carbazole	11.40	167	417388	44.06	nq	100
73) Di-n-butylphthalate	11.75	149	501432	45.51	nq	98
74) Fluoranthene	12.38	202	474701	46.26	nq	96
76) Benzidine	12.50	184	363576	49.32	nq	99
77) Pyrene	12.60	202	464625	37.58	nq	99
79) Butylbenzylphthalate	13.23	149	201668	36.56	nq	92
80) Benzo(a)anthracene	13.78	228	356590	37.97	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	114483	32.43	nq #	96
82) Chrysene	13.82	228	298467	32.13	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	273087	43.37	nq #	98
84) Di-n-octyl phthalate	14.40	149	424044	39.64	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.42	276	223300	31.24	nq #	100
87) Benzo(b)fluoranthene	14.81	252	569107	82.16	nq	99
88) Benzo(k)fluoranthene	14.81	252	569107	94.38	nq #	95
89) Benzo(a)pyrene	15.10	252	247569	42.21	nq	98
90) Dibenzo(a,h)anthracene	16.43	278	191862	39.18	nq	96
91) Benzo(g,h,i)perylene	16.80	276	190931	37.68	nq	96

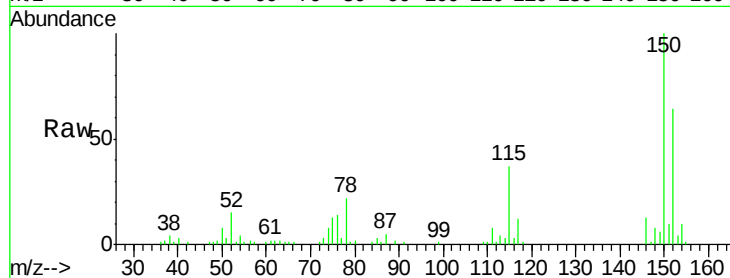
(#) = qualifier out of range (m) = manual integration (+) = signals summed



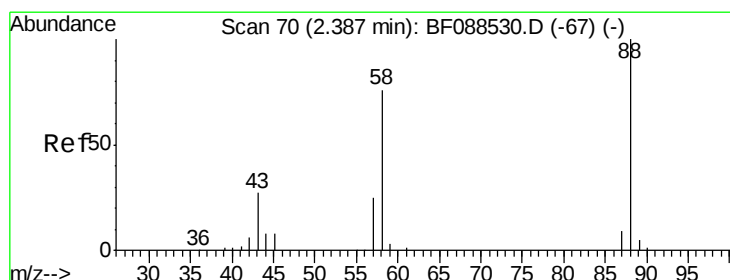
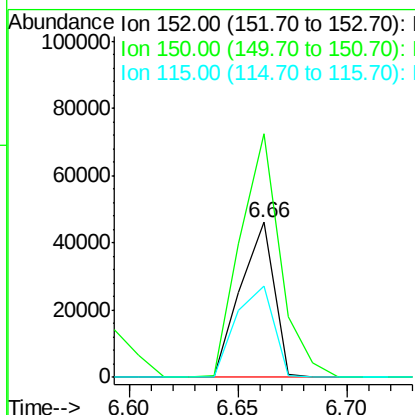
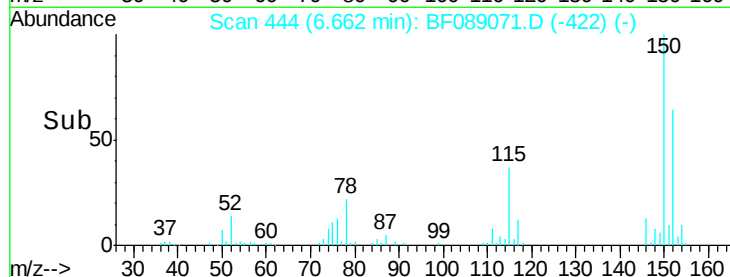
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 49468
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.8 185.6
 115 58.8 39.6 59.4

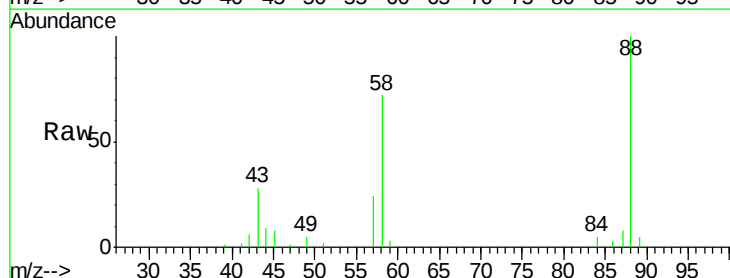


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

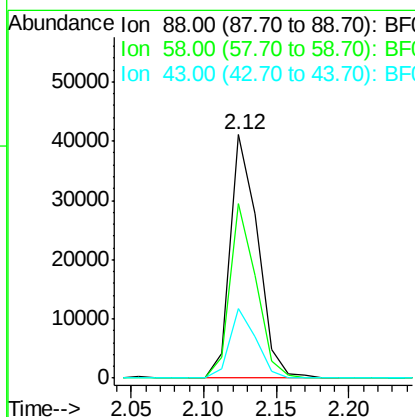
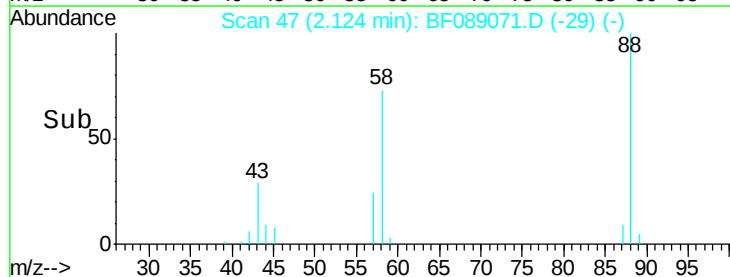


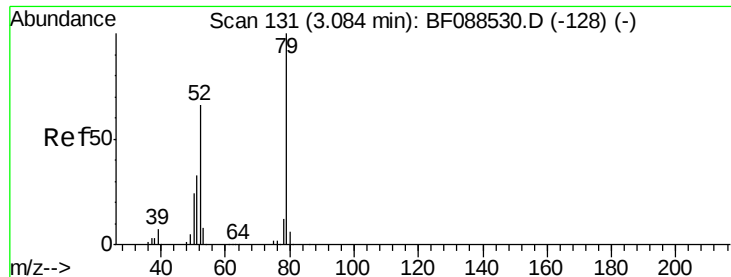
#2
 1,4-Dioxane
 Concen: 33.08 ng
 RT: 2.12 min Scan# 47
 Delta R.T. -0.09 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion: 88 Resp: 54133
 Ion Ratio Lower Upper
 88 100
 58 68.1 0.0 0.0#
 43 27.0 3.4 5.2#



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: 33.94 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.11 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

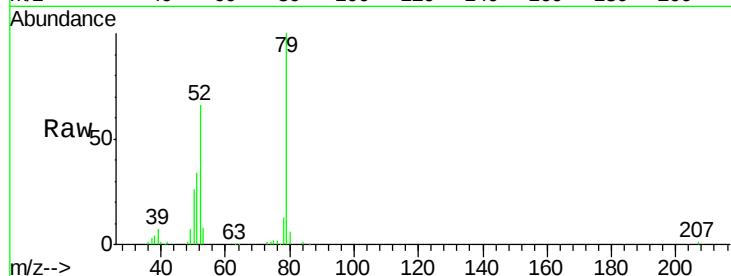
Tot Ion: 79 Resp: 161182

Ion Ratio Lower Upper

79 100

52 65.9 56.3 84.5

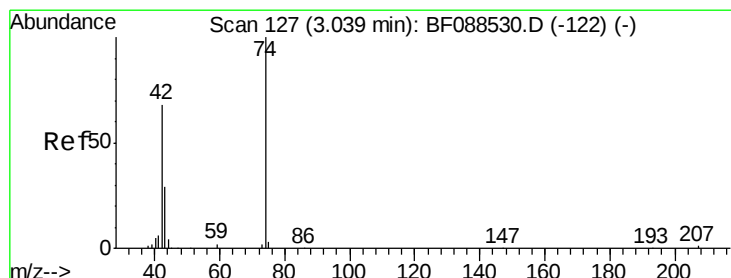
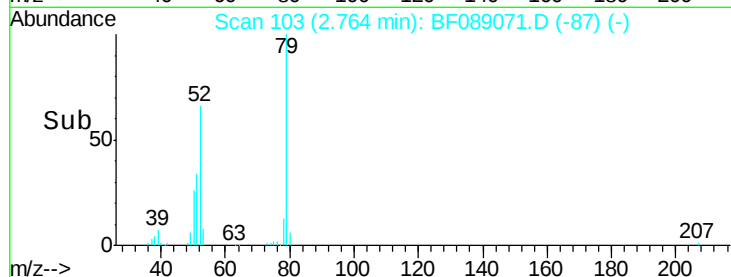
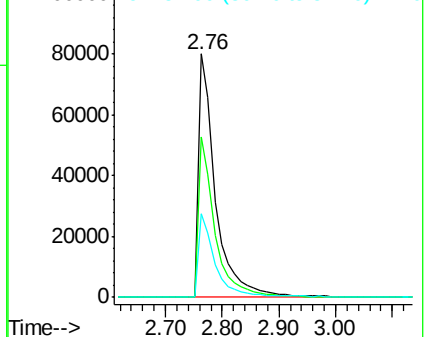
51 34.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.85 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.10 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

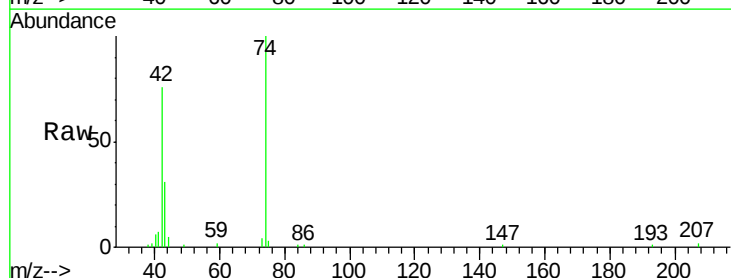
Tgt Ion: 42 Resp: 63230

Ion Ratio Lower Upper

42 100

74 131.8 108.6 163.0

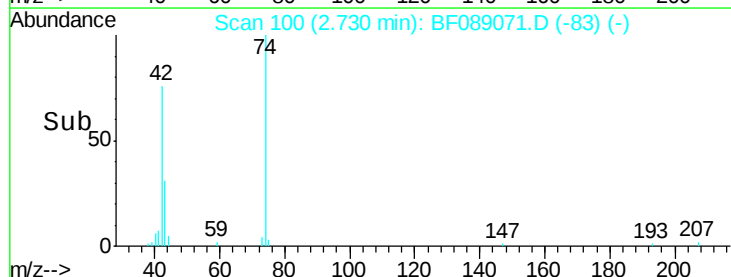
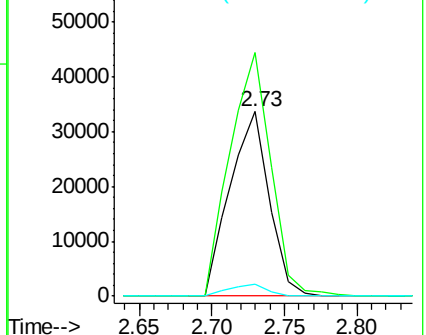
44 6.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.88 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF089071.D

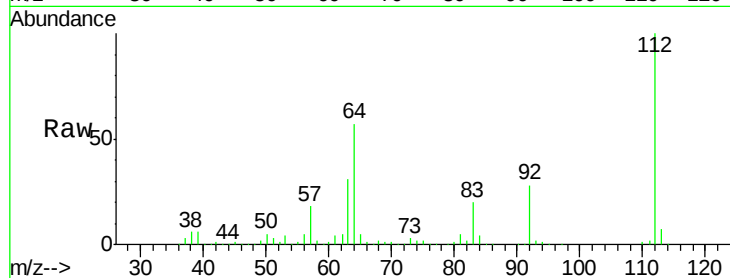
Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

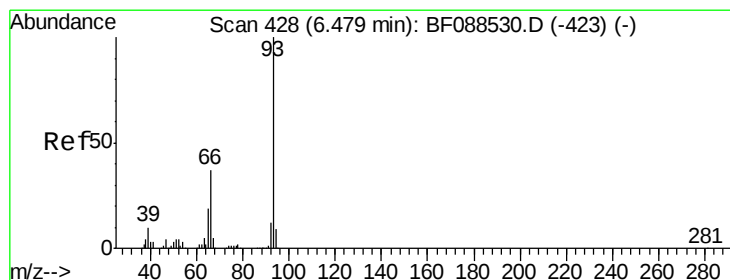
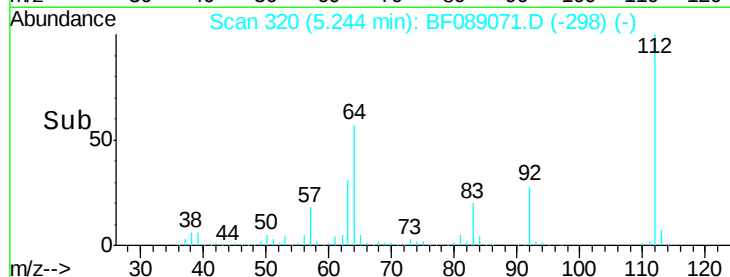
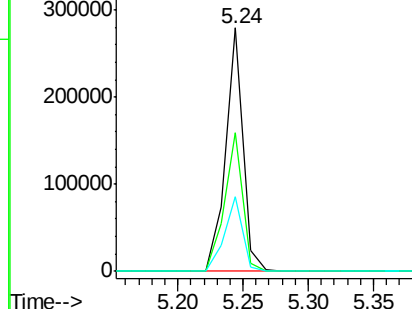
Tot Ion:	112	Resp:	260354
Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.2	63.2
63	30.9	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.09 ng

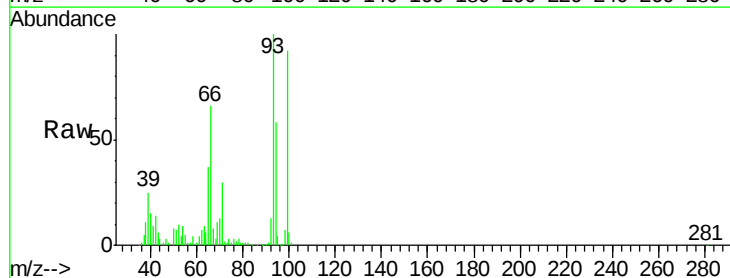
RT: 6.32 min Scan# 414

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

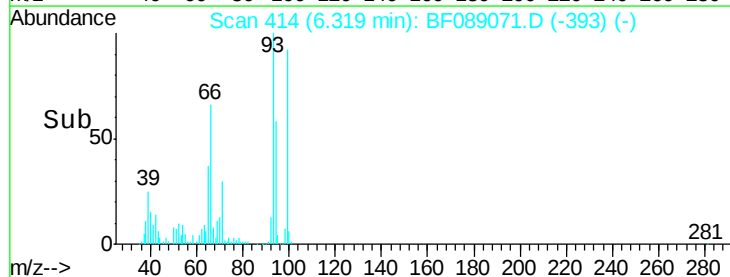
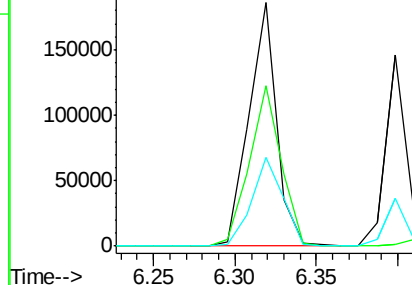
Tgt Ion:	93	Resp:	218127
Ion	Ratio	Lower	Upper
93	100		
66	65.9	29.8	44.8#
65	36.6	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.92 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

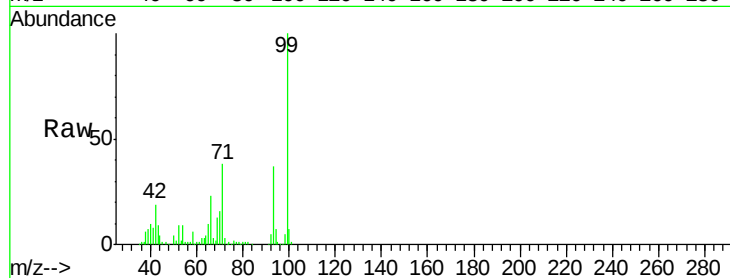
Tot Ion: 99 Resp: 323806

Ion Ratio Lower Upper

99 100

42 19.2 12.2 18.2#

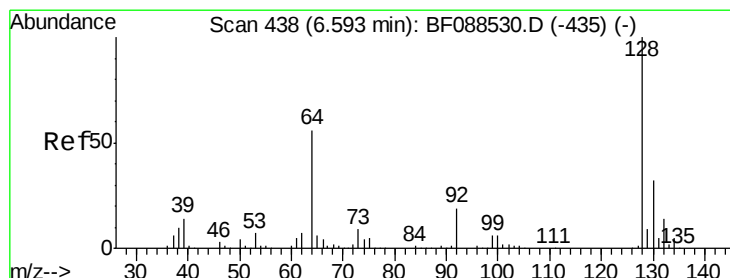
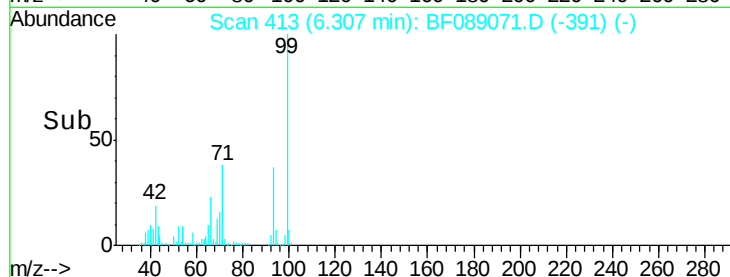
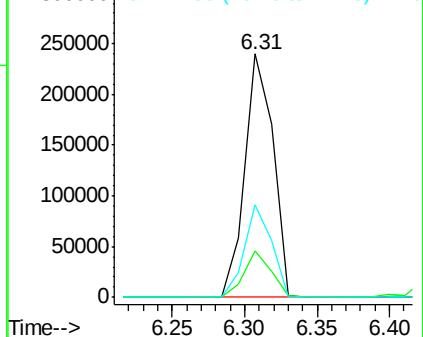
71 38.0 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.39 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

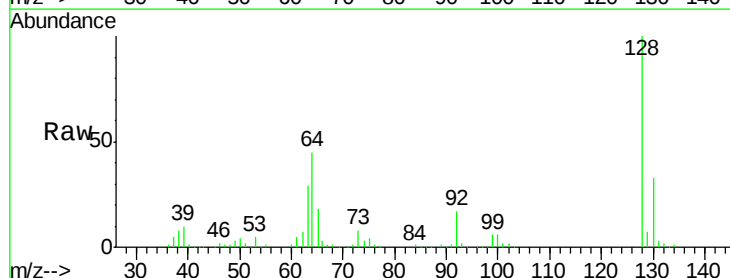
Tgt Ion: 128 Resp: 146825

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

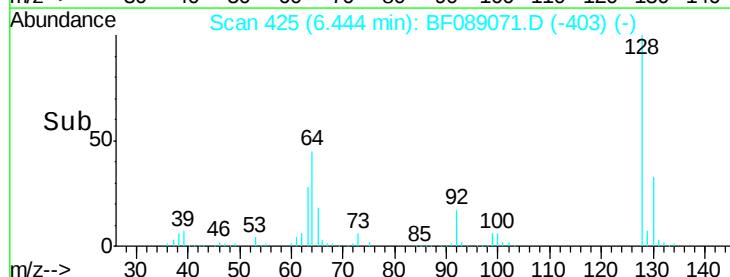
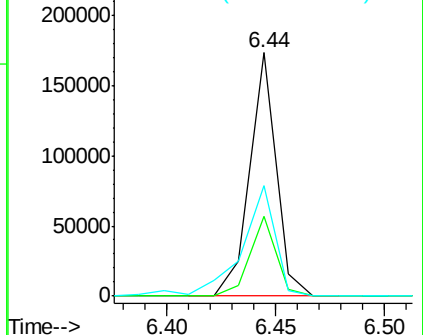
64 45.2 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.69 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

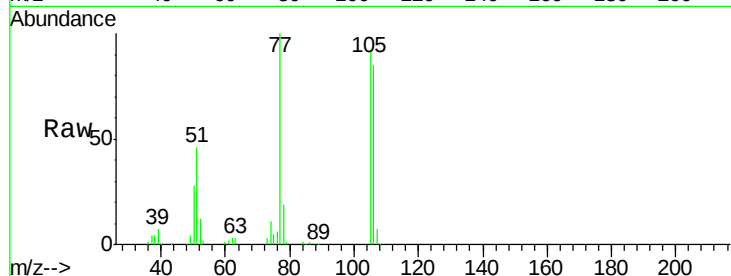
Tot Ion: 77 Resp: 100231

Ion Ratio Lower Upper

77 100

105 91.9 90.6 130.6

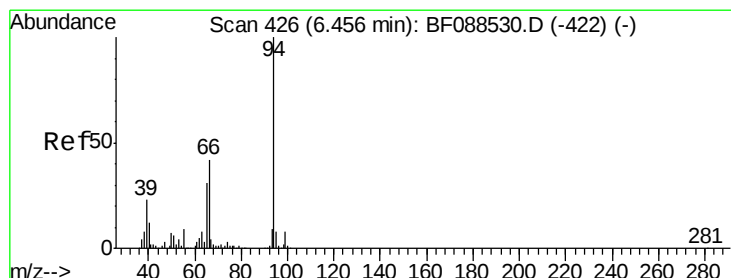
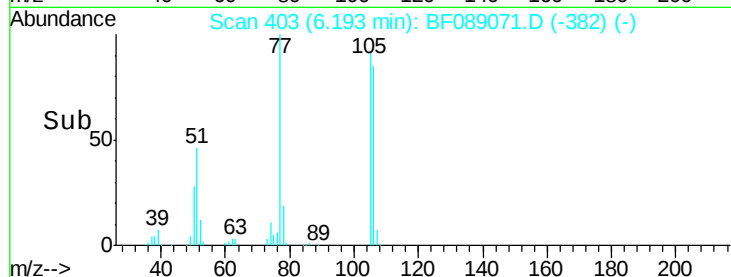
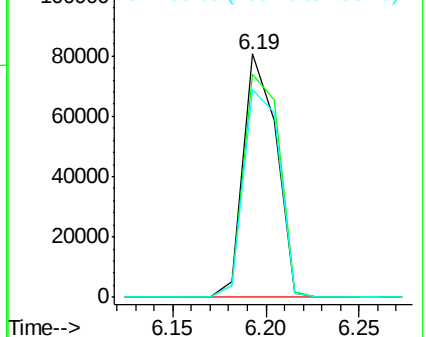
106 85.3 85.3 125.3



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: 36.22 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

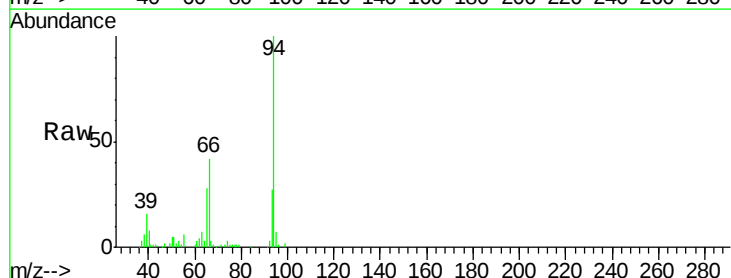
Tgt Ion: 94 Resp: 176327

Ion Ratio Lower Upper

94 100

65 28.0 5.9 45.9

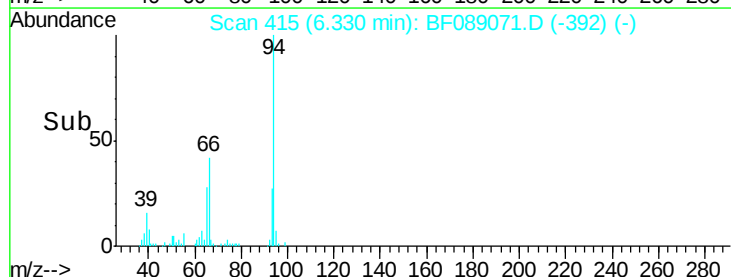
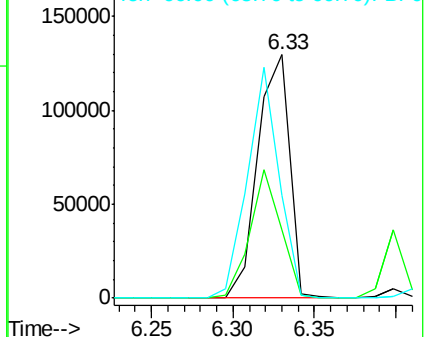
66 42.4 14.0 54.0

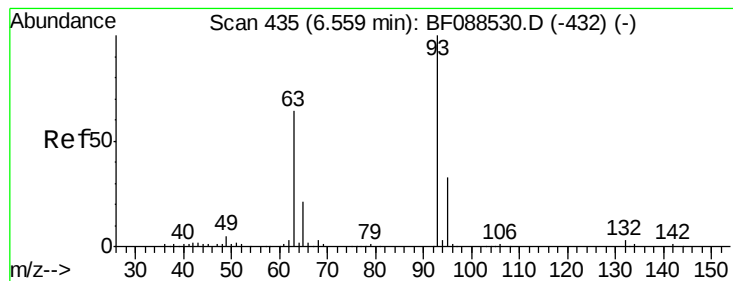


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

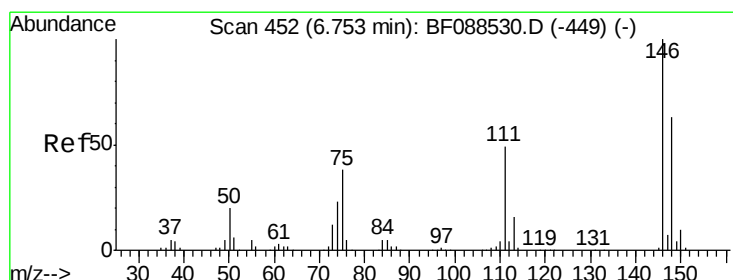
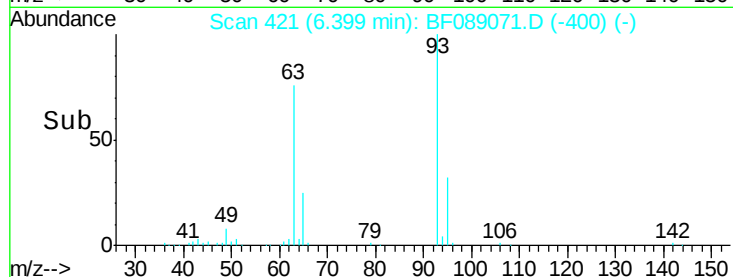
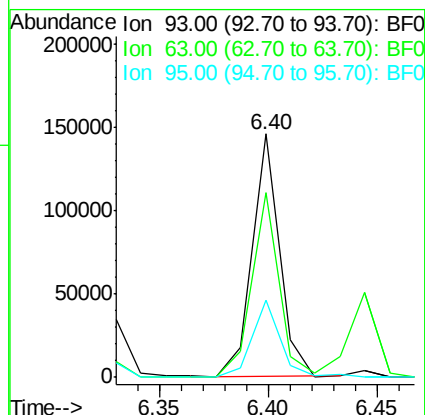
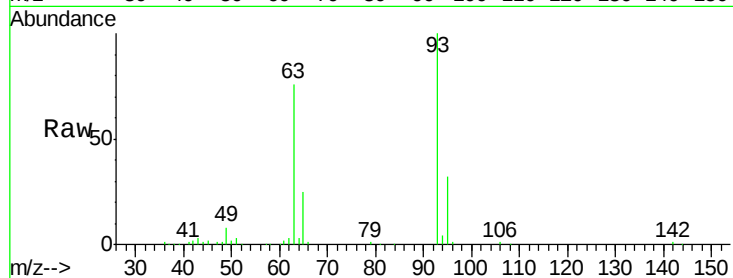




#11
bis(2-Chloroethyl)ether
Concen: 34.97 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

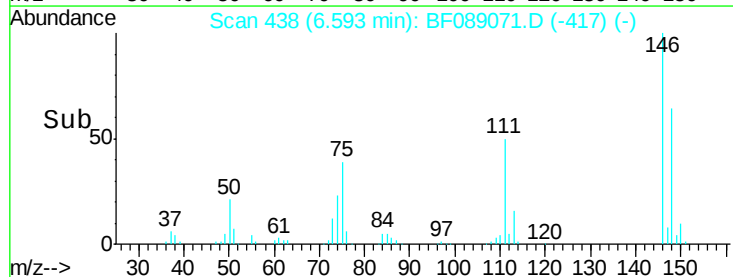
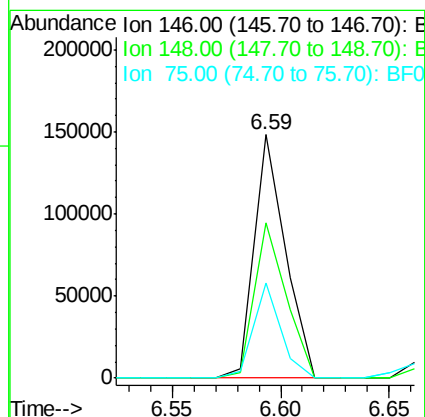
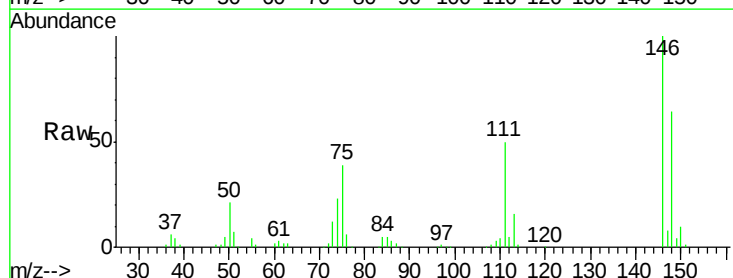
Instrument :
BNA_F
ClientSampleId :

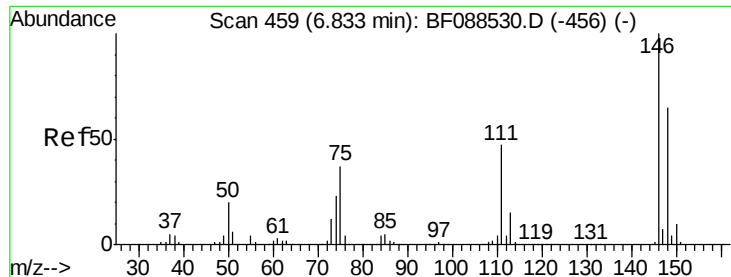
Tot Ion: 93 Resp: 126935
Ion Ratio Lower Upper
93 100
63 76.0 67.6 107.6
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.79 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion: 146 Resp: 147519
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 38.8 25.6 38.4#

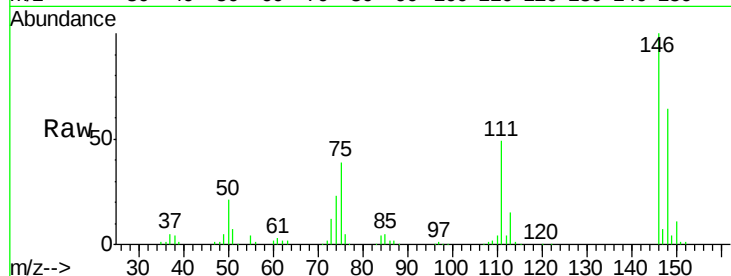




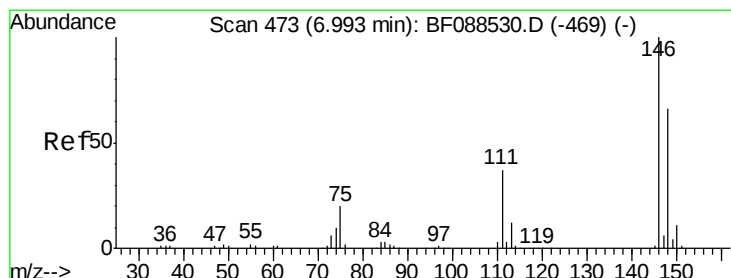
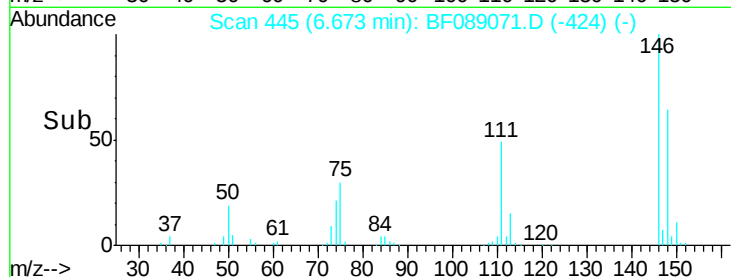
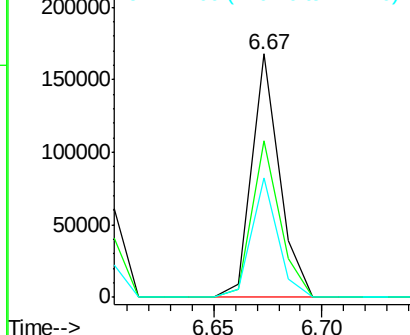
#13
 1,4-Dichlorobenzene
 Concen: 38.30 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 148394
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 49.1 33.8 50.8

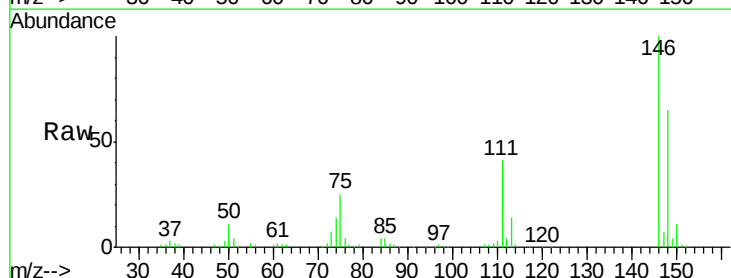


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

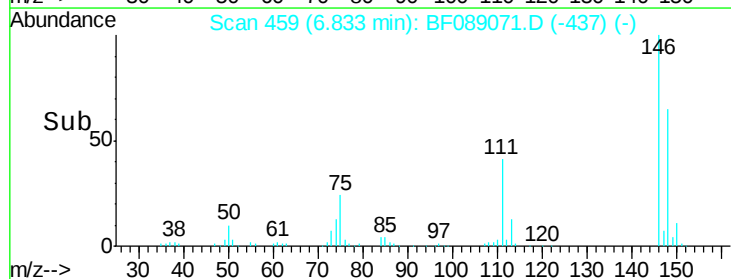
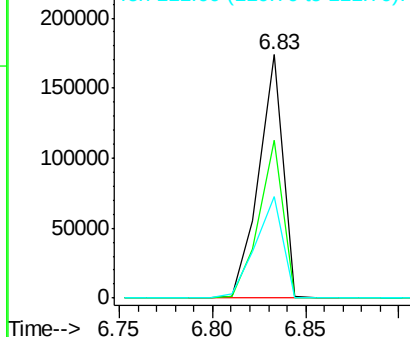


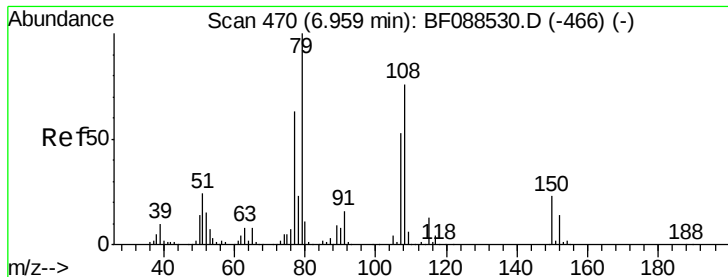
#14
 1,2-Dichlorobenzene
 Concen: 43.67 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:146 Resp: 158377
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 41.4 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 39.04 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

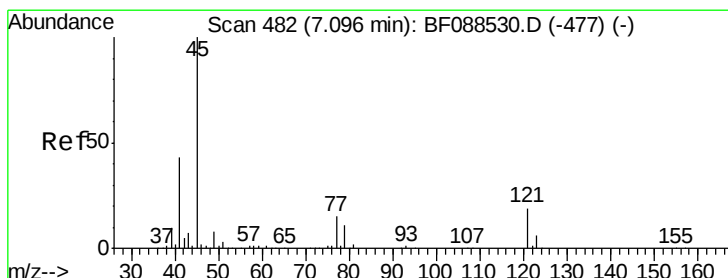
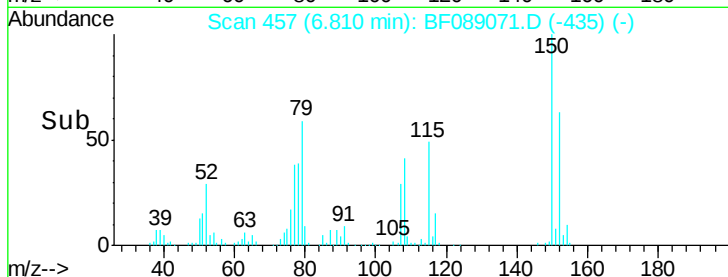
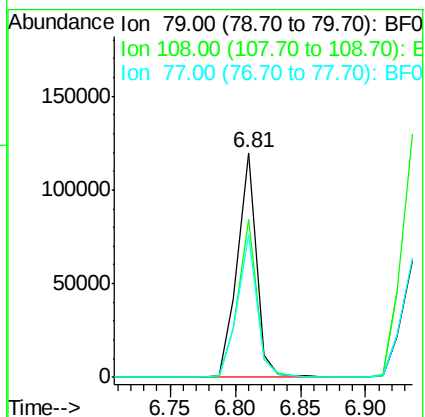
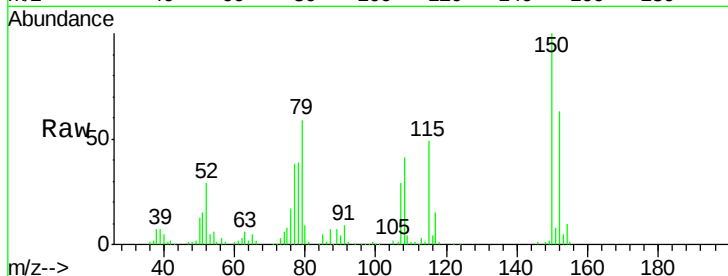
Tot Ion: 79 Resp: 122542

Ion Ratio Lower Upper

79 100

108 70.1 65.0 97.6

77 63.5 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.05 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

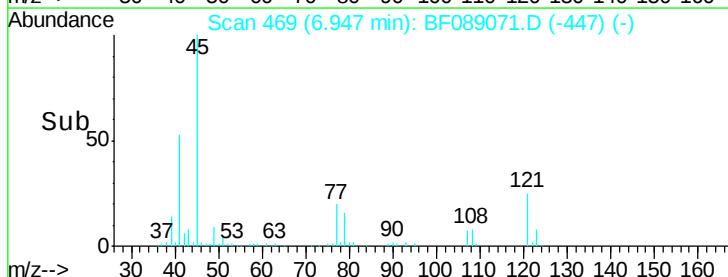
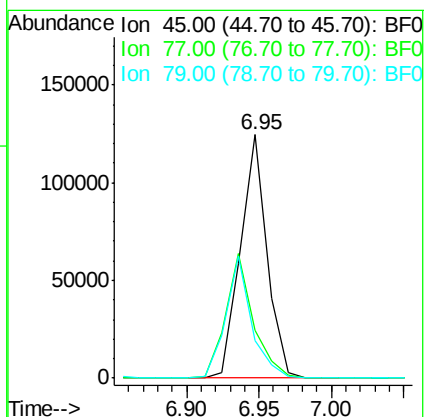
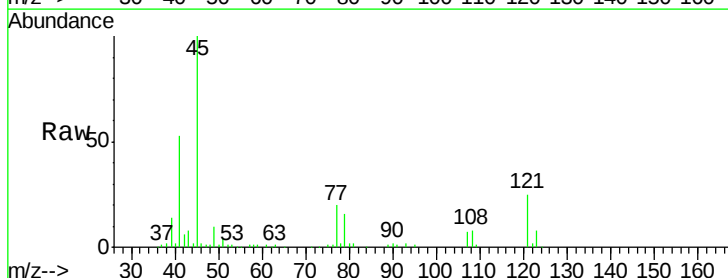
Tgt Ion: 45 Resp: 157961

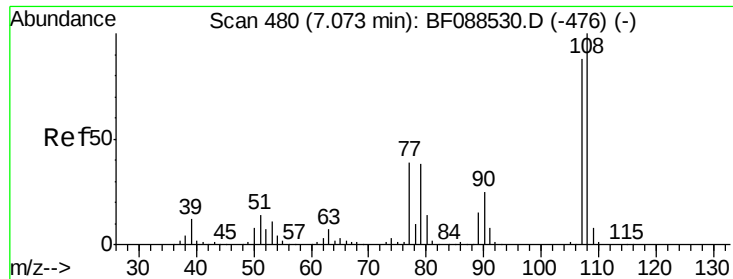
Ion Ratio Lower Upper

45 100

77 19.5 0.0 32.5

79 15.6 0.0 29.5





#17

2-Methylphenol

Concen: 40.32 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 116675

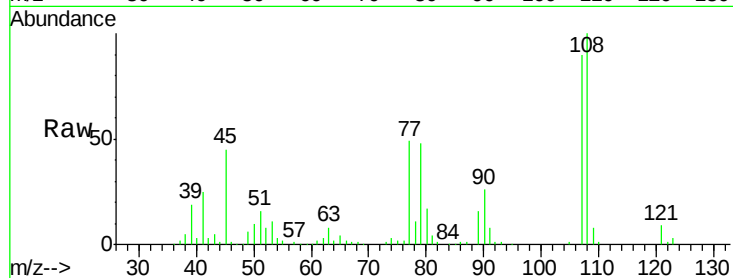
Ion Ratio Lower Upper

107 100

108 111.1 90.9 136.3

77 54.8 36.6 55.0

79 53.4 36.5 54.7

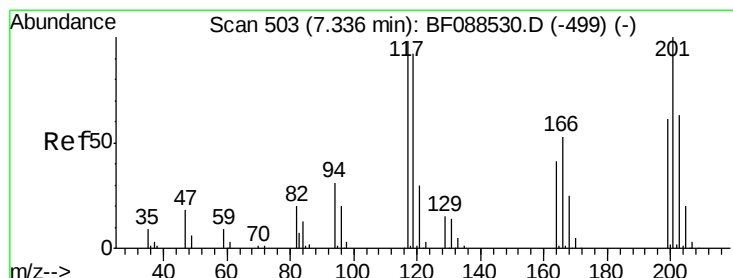
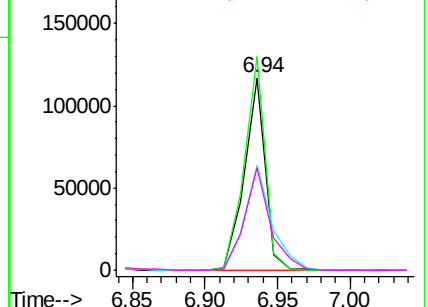
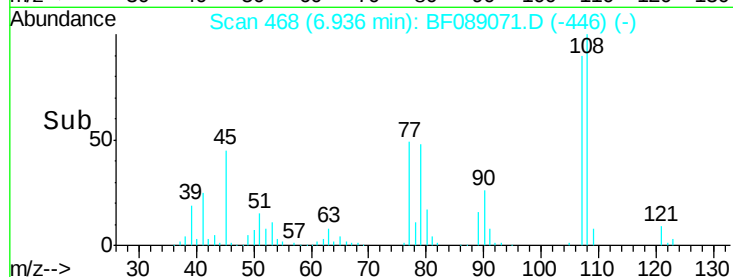


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.83 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

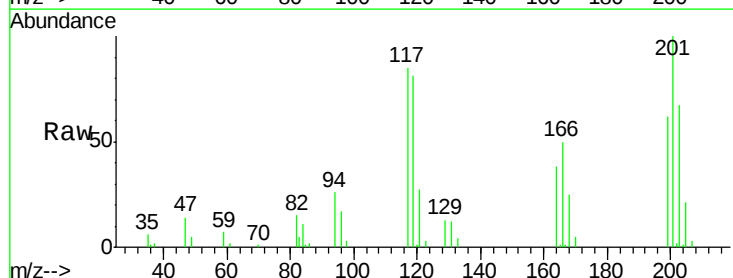
Tgt Ion:117 Resp: 59698

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.2

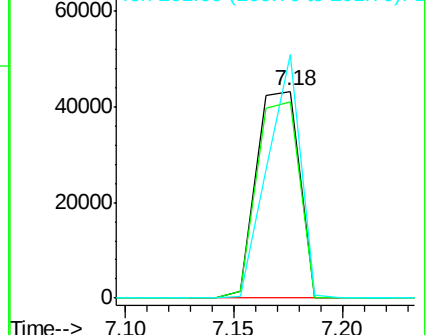
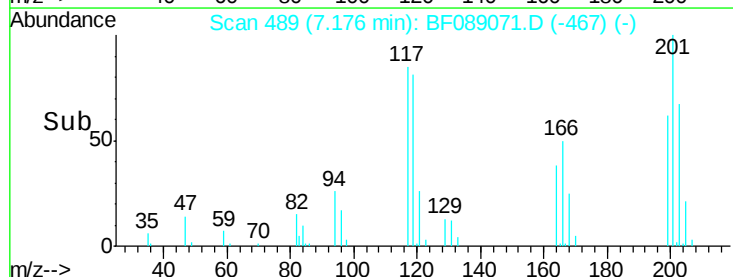
201 117.7 80.4 120.6

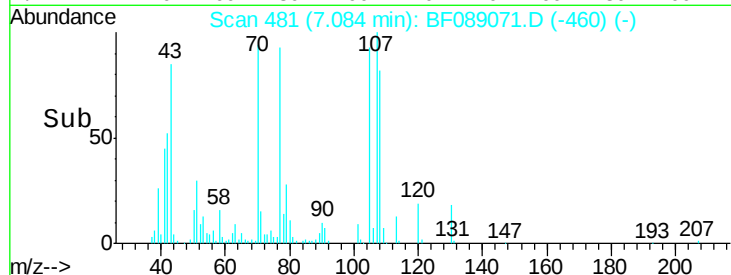
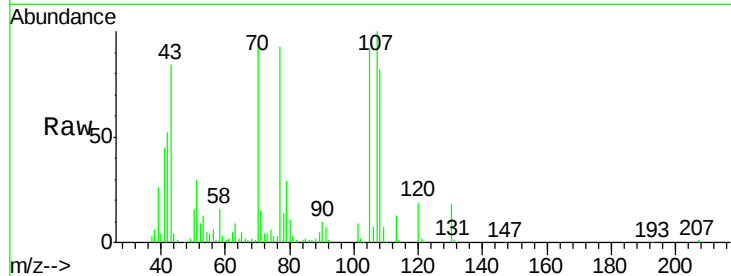


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

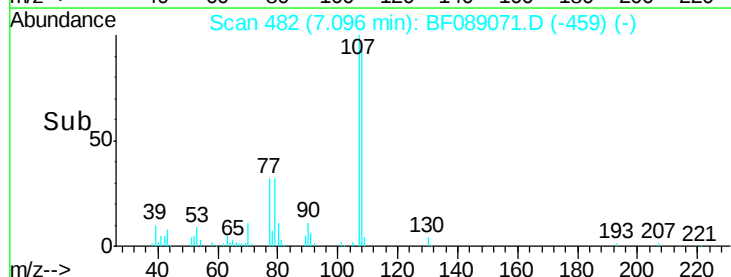
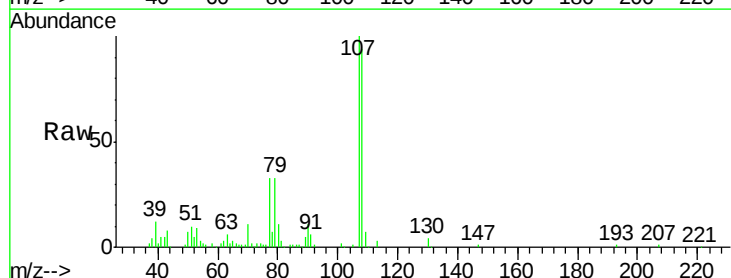
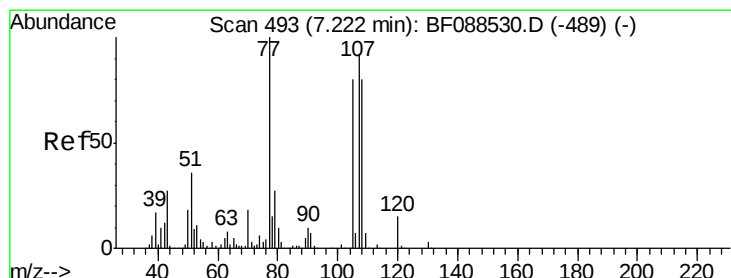
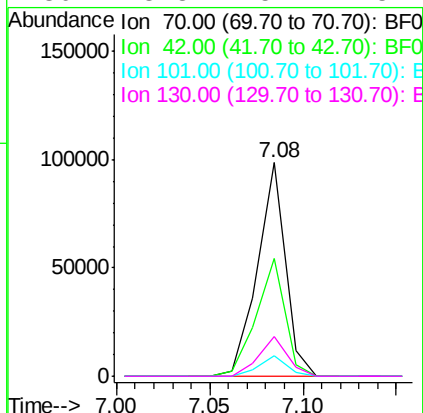




#19
n-Nitroso-di-n-propylamine
Concen: 35.65 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

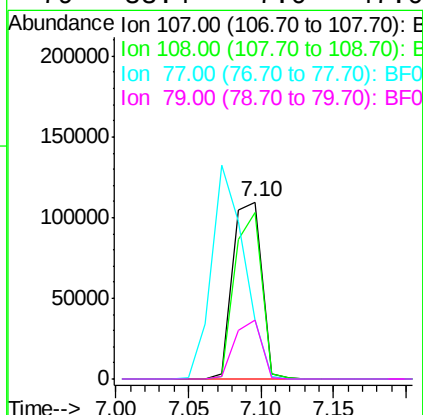
Instrument :
BNA_F
ClientSampleId :

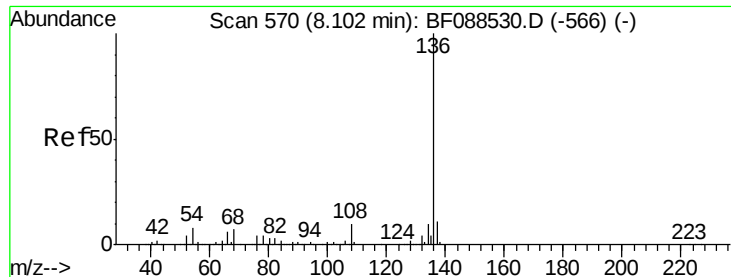
Tot Ion	70	Resp	102125
Ion	Ratio	Lower	Upper
70	100		
42	55.3	49.6	74.4
101	9.3	7.1	10.7
130	18.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 43.90 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion	107	Resp	152476
Ion	Ratio	Lower	Upper
107	100		
108	93.6	67.8	107.8
77	33.2	59.3	99.3#
79	33.4	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 198883

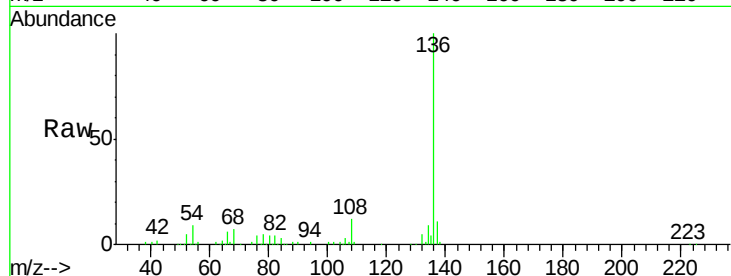
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.6 6.6 10.0

68 6.5 5.1 7.7

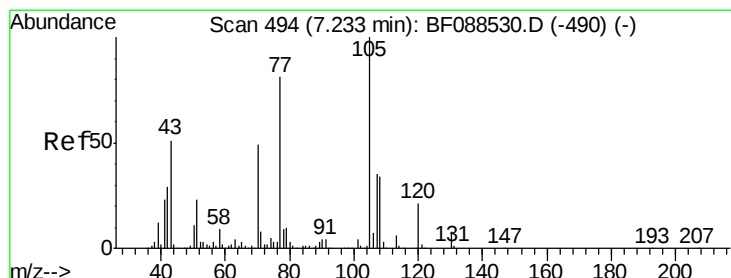
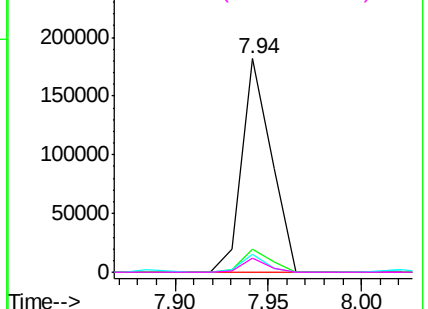
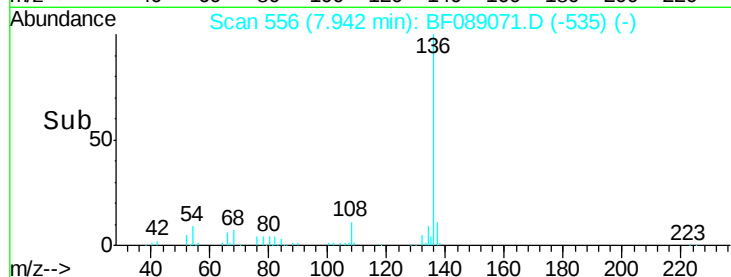


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.77 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Tgt Ion:105 Resp: 206431

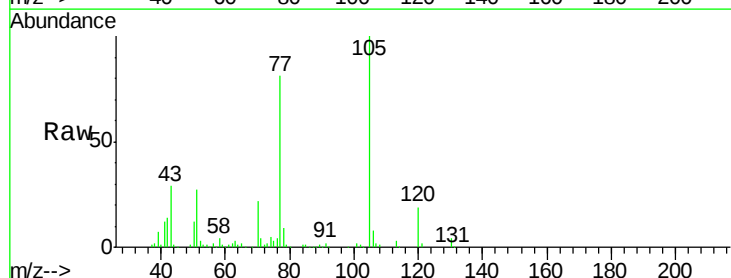
Ion Ratio Lower Upper

105 100

71 3.9 5.3 7.9#

51 27.3 18.2 27.4

120 18.6 18.0 27.0

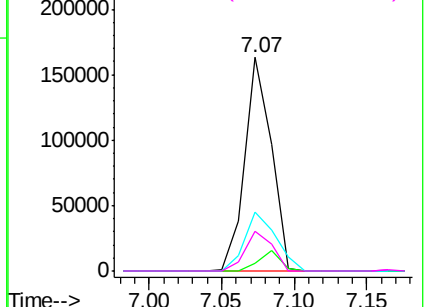
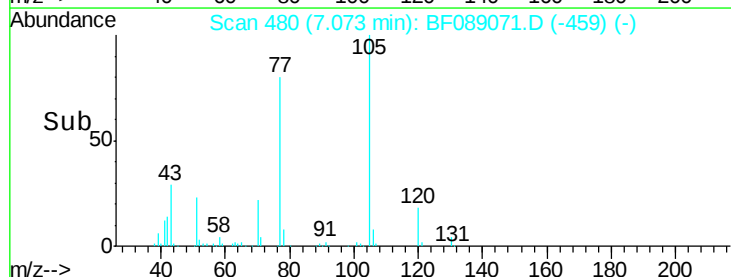


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

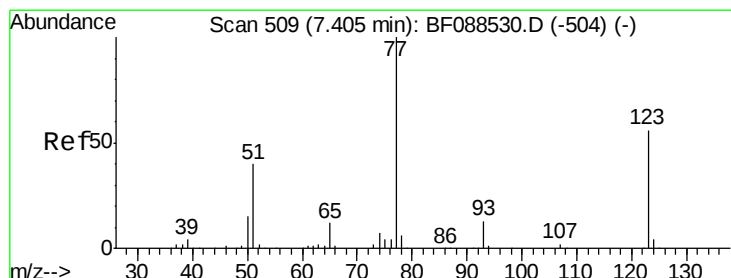
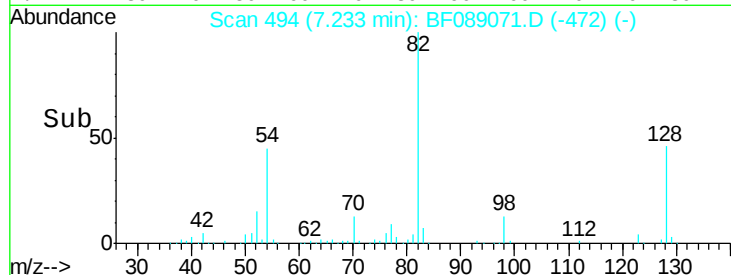
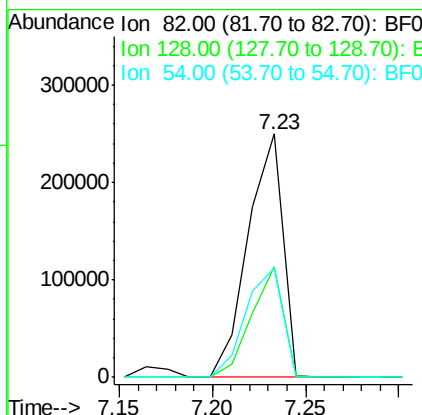
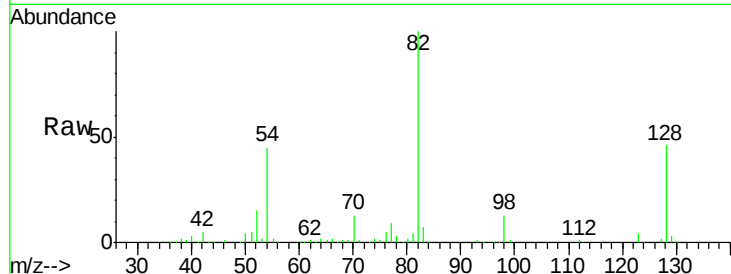




#23
Nitrobenzene-d5
Concen: 85.15 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

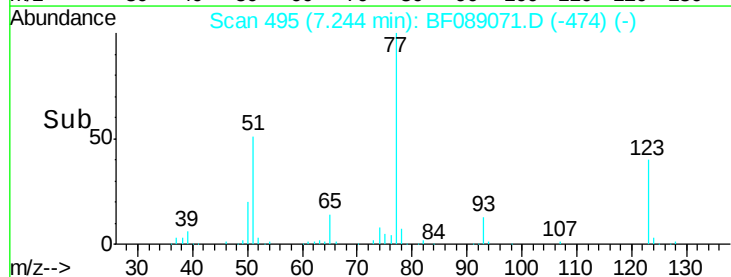
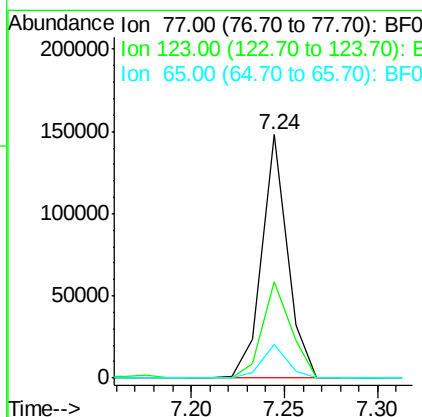
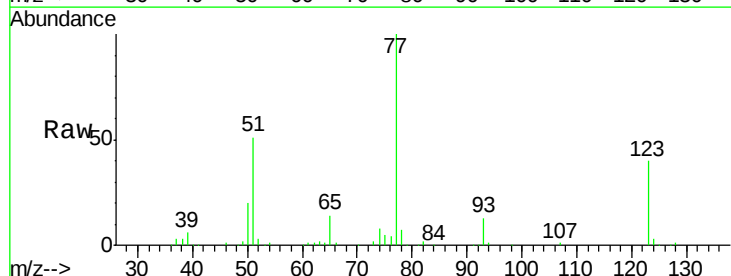
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	323165
Ion Ratio	100	Lower	Upper
128	45.6	35.9	53.9
54	44.7	40.9	61.3



#24
Nitrobenzene
Concen: 36.75 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion	77	Resp	140637
Ion Ratio	100	Lower	Upper
123	39.7	45.0	67.4#
65	13.8	10.2	15.2





#25

Isophorone

Concen: 40.73 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

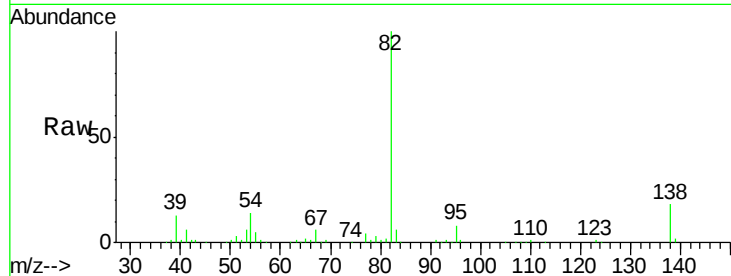
Tot Ion: 82 Resp: 286349

Ion Ratio Lower Upper

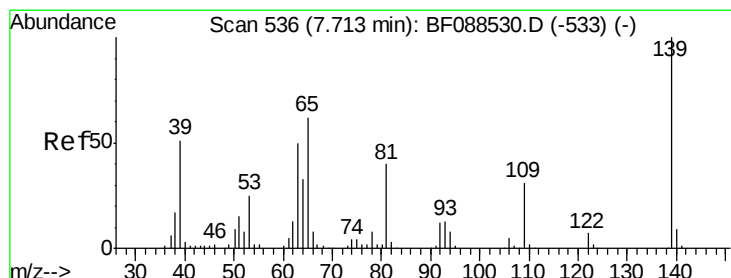
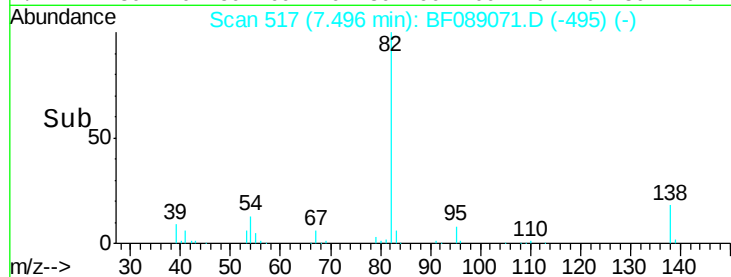
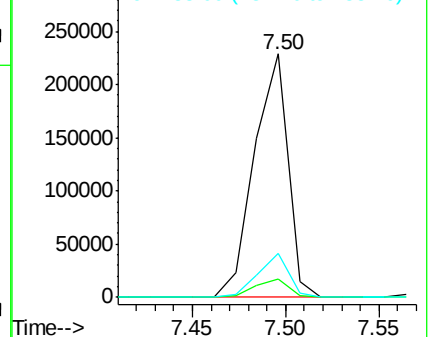
82 100

95 7.8 5.4 8.2

138 17.9 14.6 21.8



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: 49.01 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

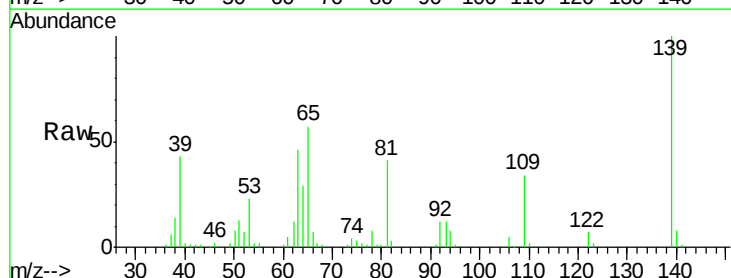
Tgt Ion: 139 Resp: 76905

Ion Ratio Lower Upper

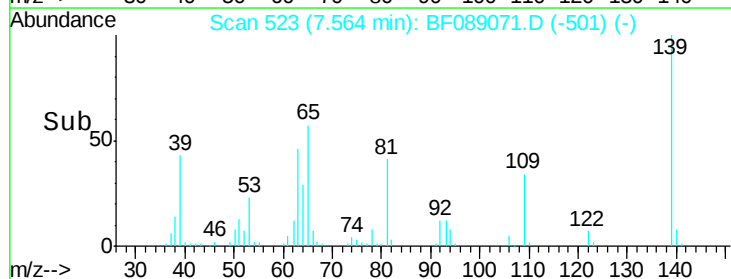
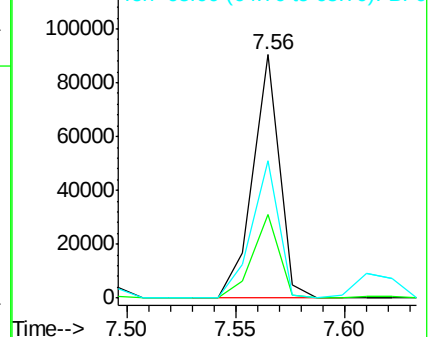
139 100

109 34.4 23.0 34.4

65 56.6 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 39.34 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampled :

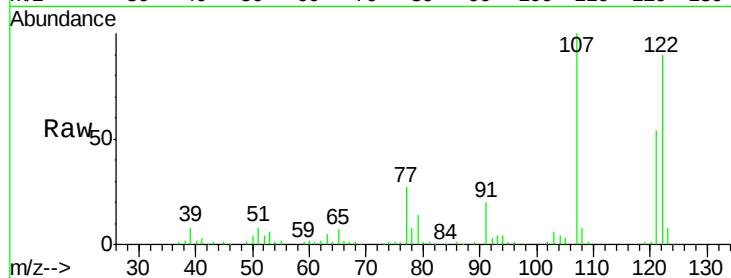
Tot Ion:122 Resp: 128562

Ion Ratio Lower Upper

122 100

107 110.5 82.4 123.6

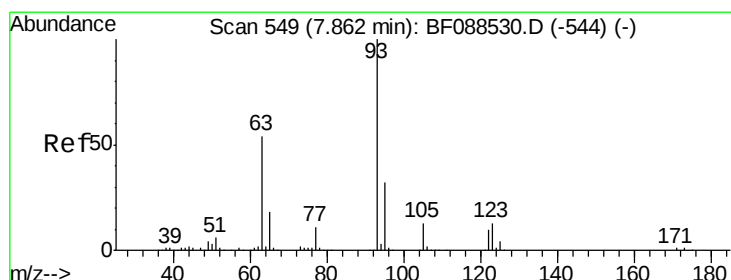
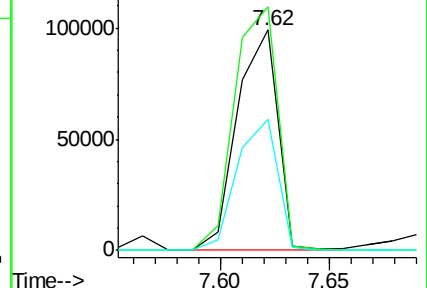
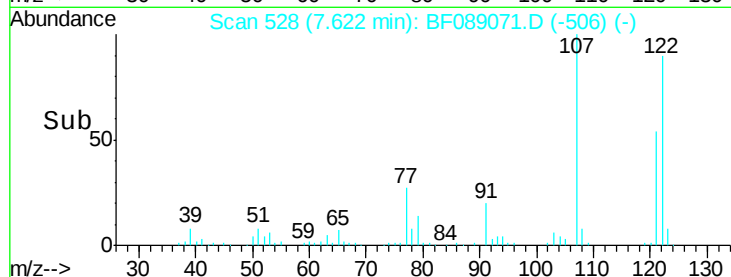
121 59.4 46.3 69.5



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: 36.93 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

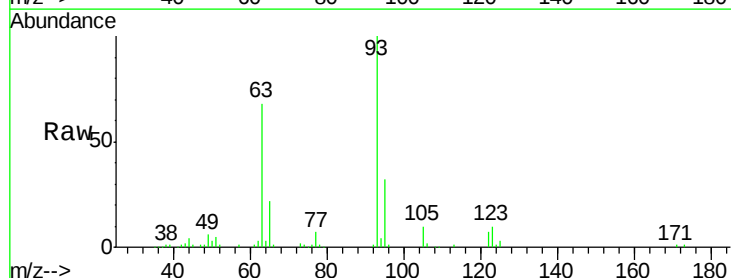
Tgt Ion: 93 Resp: 168961

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

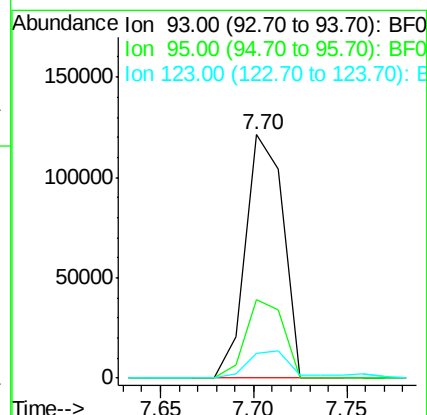
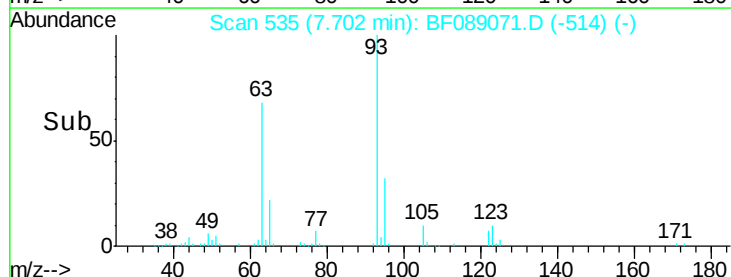
123 9.9 11.6 17.4#



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

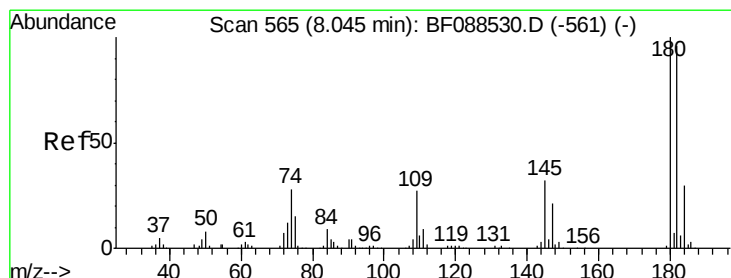
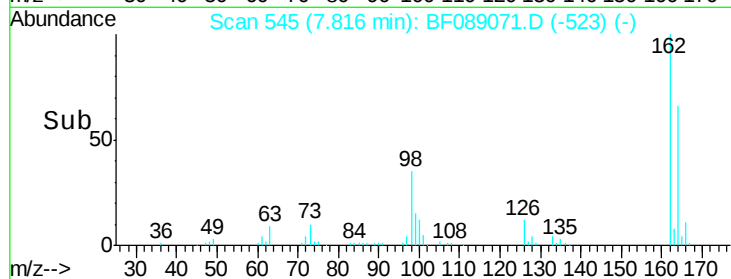
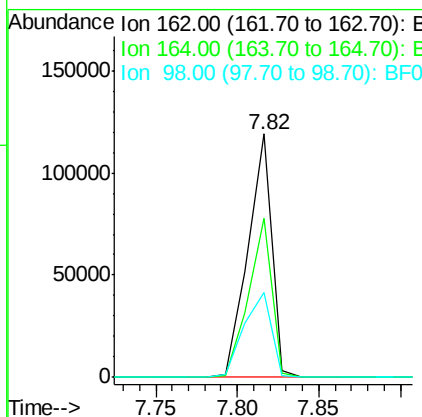
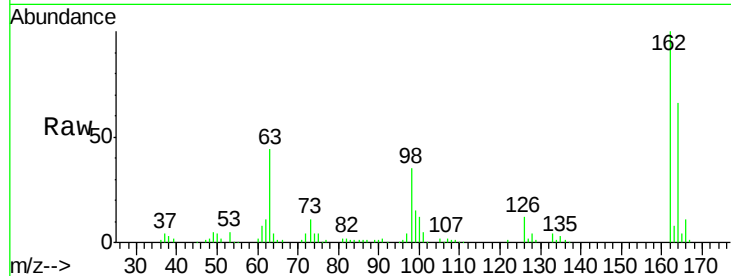




#29
 2,4-Dichlorophenol
 Concen: 45.74 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

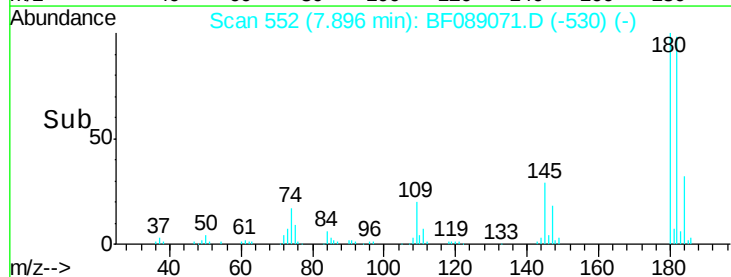
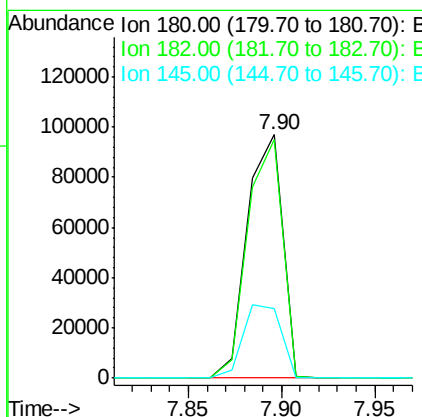
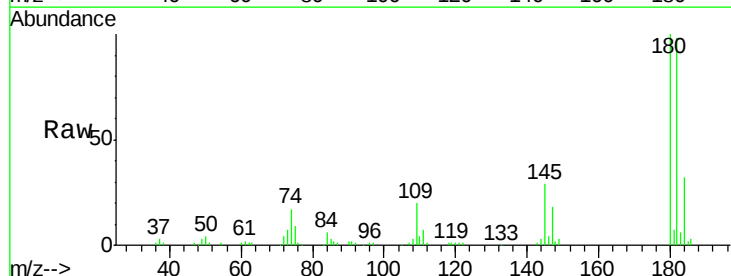
Instrument :
 BNA_F
 ClientSampleId :

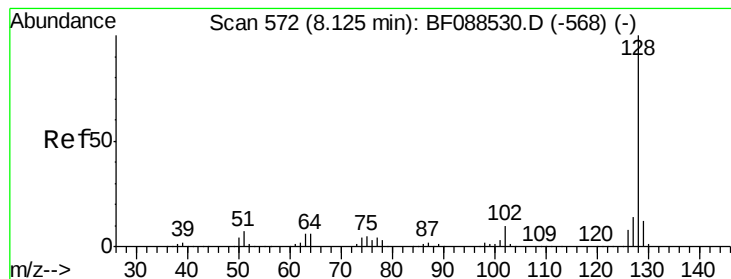
Tot Ion:162 Resp: 120815
 Ion Ratio Lower Upper
 162 100
 164 65.6 43.8 83.8
 98 35.0 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.74 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:180 Resp: 126790
 Ion Ratio Lower Upper
 180 100
 182 98.2 76.0 114.0
 145 28.7 26.5 39.7





#31

Naphthalene

Concen: 40.26 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

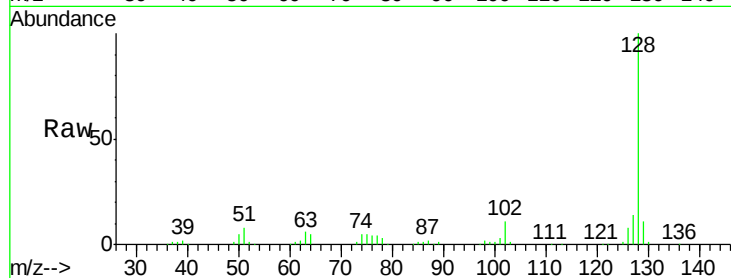
Tot Ion:128 Resp: 394781

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

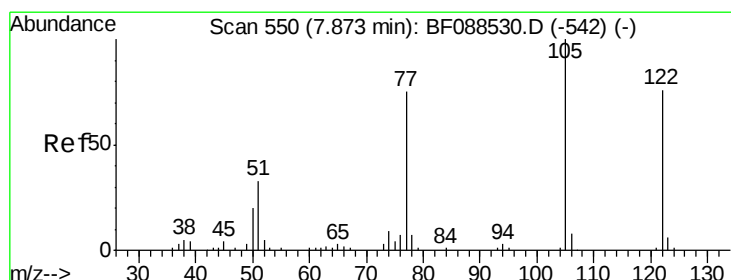
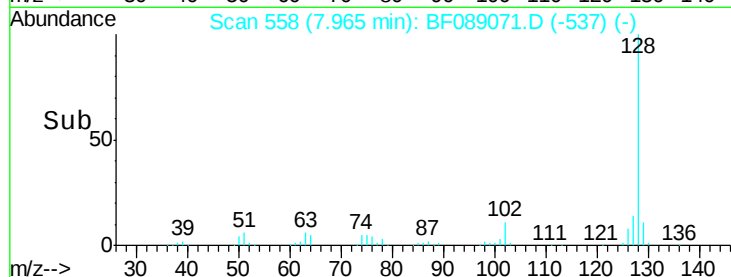
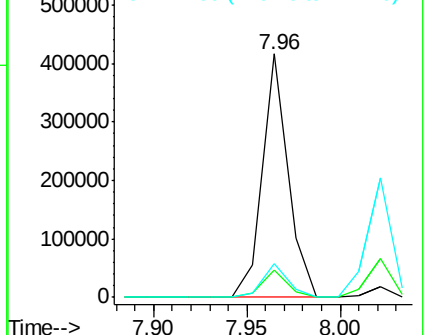
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.49 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

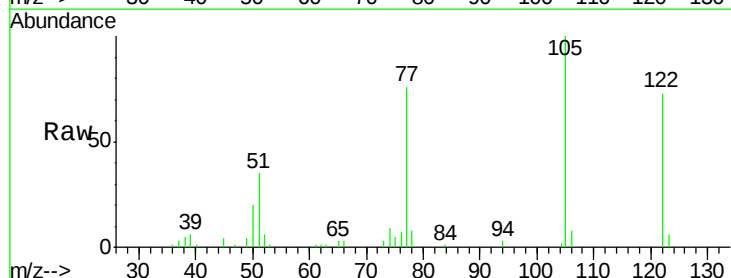
Tgt Ion:122 Resp: 84218

Ion Ratio Lower Upper

122 100

105 137.7 101.6 141.6

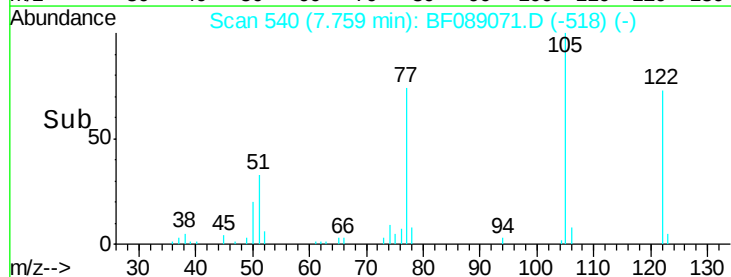
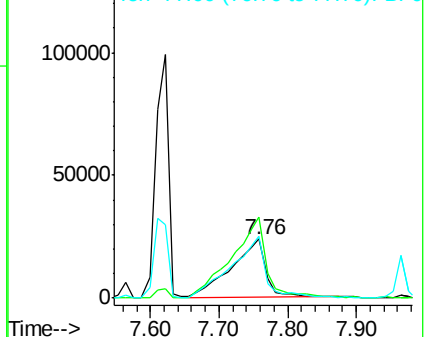
77 104.5 70.6 110.6

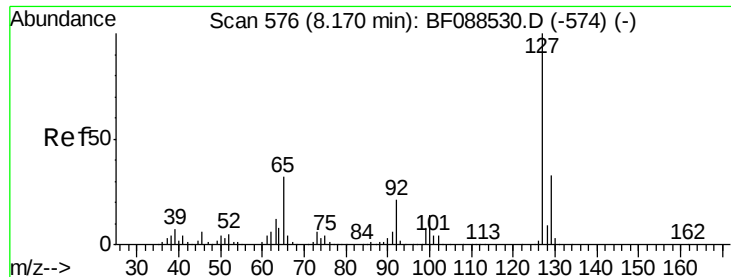


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

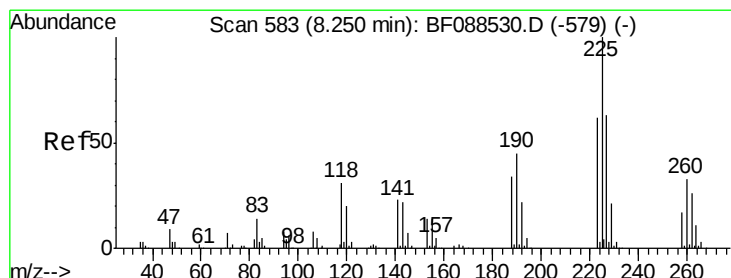
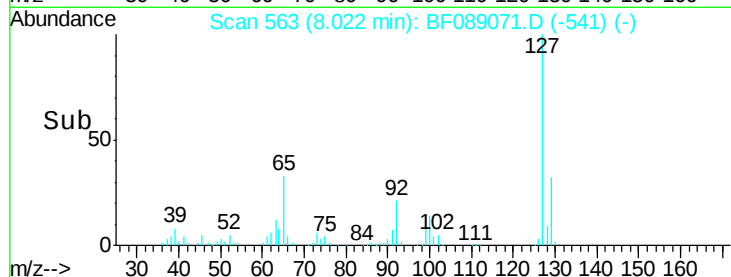
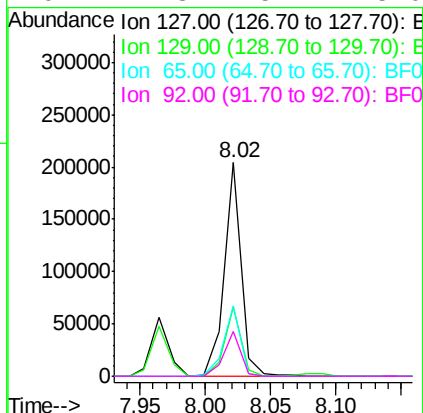
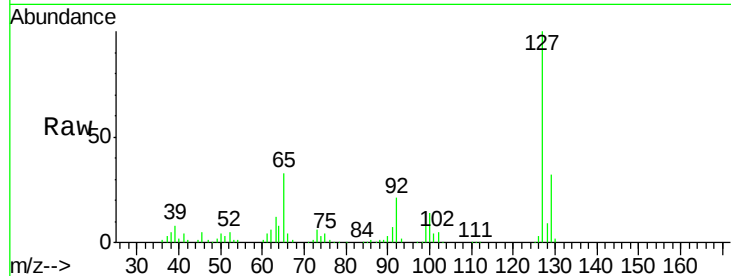




#33
 4-Chloroaniline
 Concen: 42.44 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

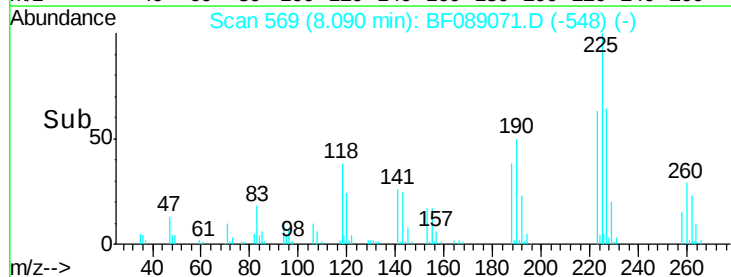
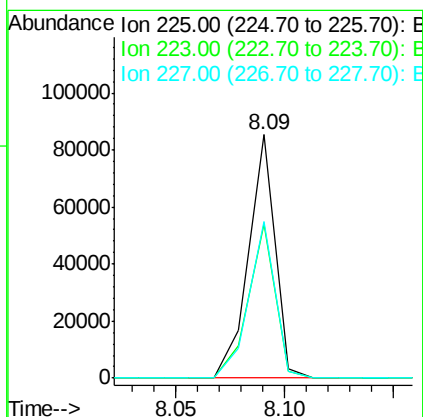
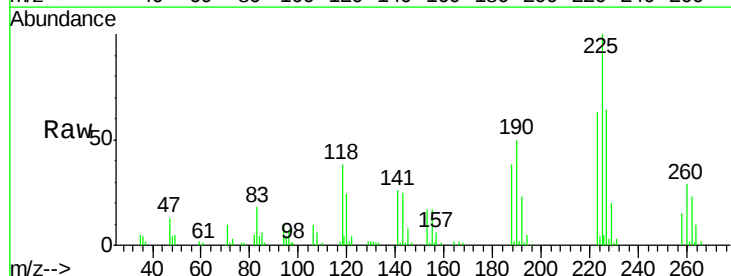
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	185131
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	33.1	24.7	37.1
92	21.3	15.4	23.0



#34
 Hexachlorobutadiene
 Concen: 46.61 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:	225	Resp:	72344
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	64.3	51.9	77.9

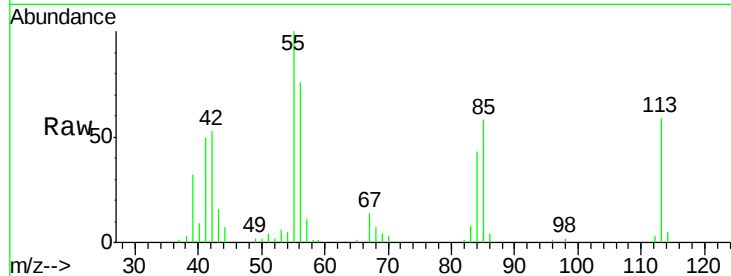




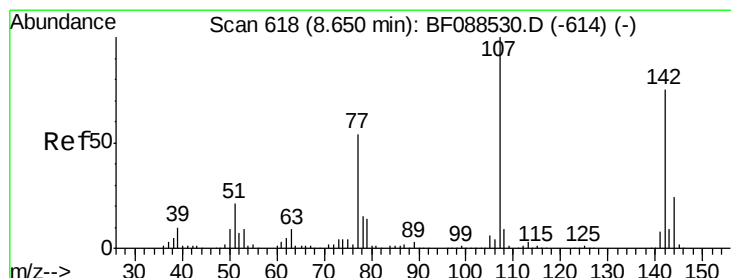
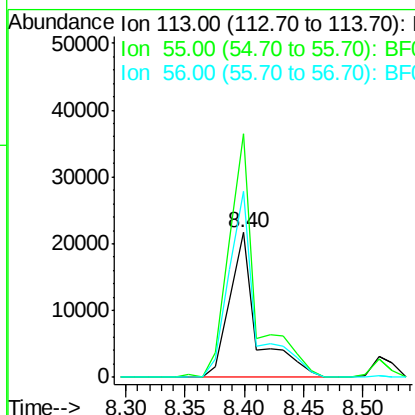
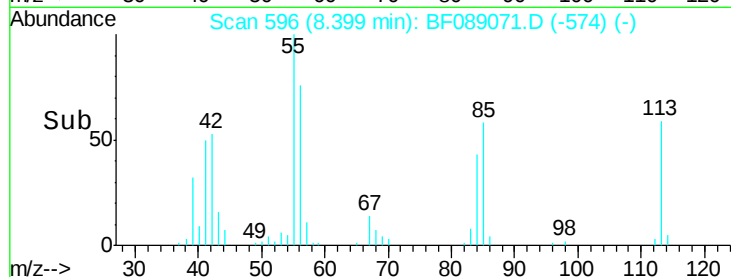
#35
 Caprolactam
 Concen: 38.44 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 34479
 Ion Ratio Lower Upper
 113 100
 55 168.4 158.6 198.6
 56 128.6 110.6 150.6

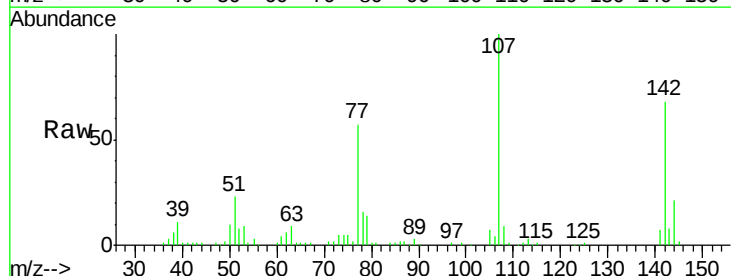


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

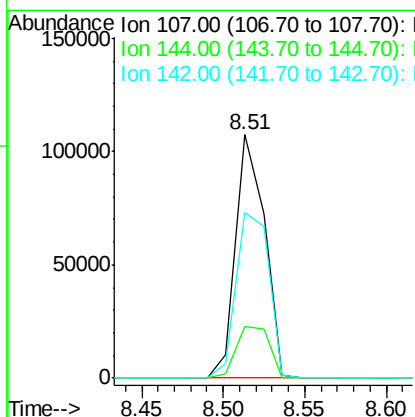
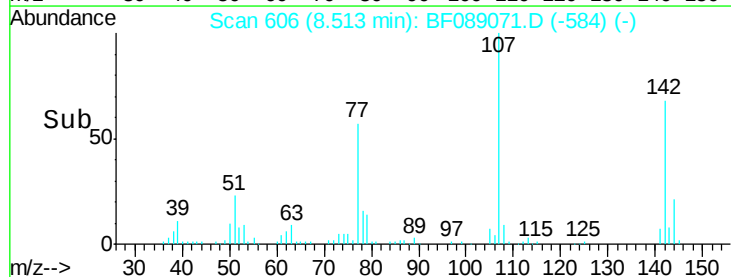


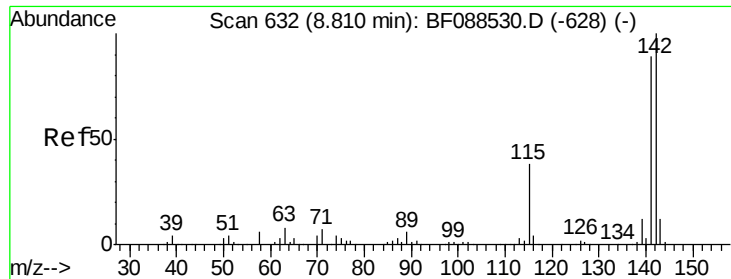
#36
 4-Chloro-3-methylphenol
 Concen: 42.22 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:107 Resp: 131883
 Ion Ratio Lower Upper
 107 100
 144 21.3 20.8 31.2
 142 67.9 63.4 95.2



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

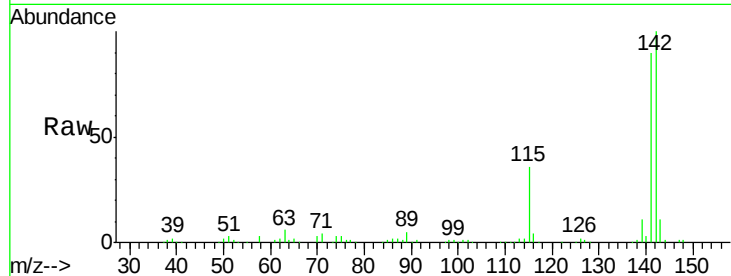




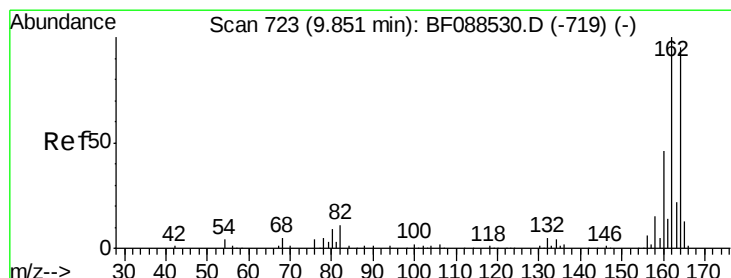
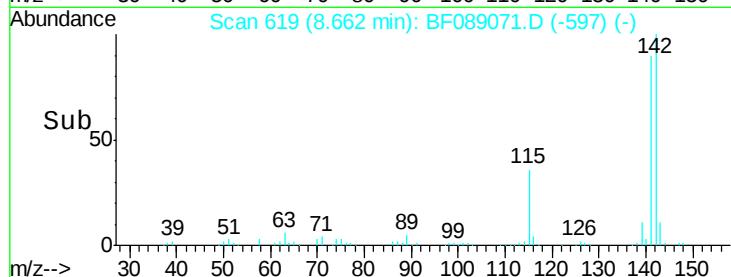
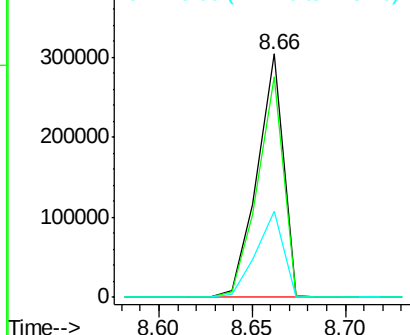
#37
 2-Methylnaphthalene
 Concen: 46.76 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 295205
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 35.6 22.6 33.8#

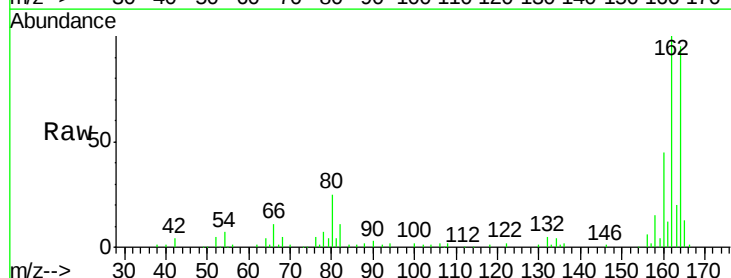


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

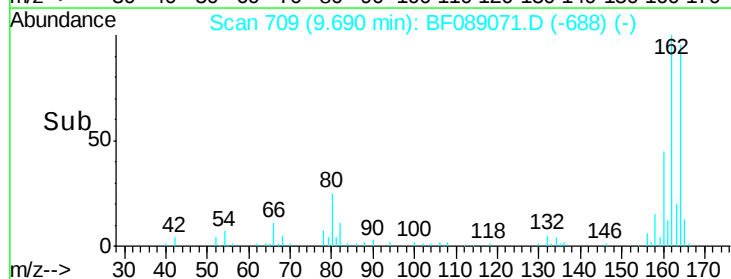
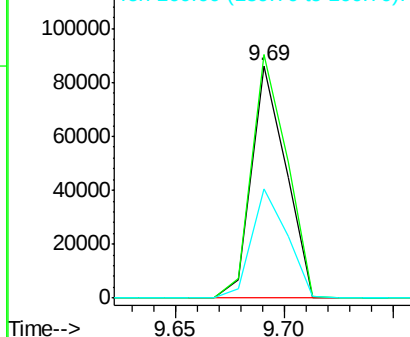


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:164 Resp: 94729
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 47.0 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.86 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 144489

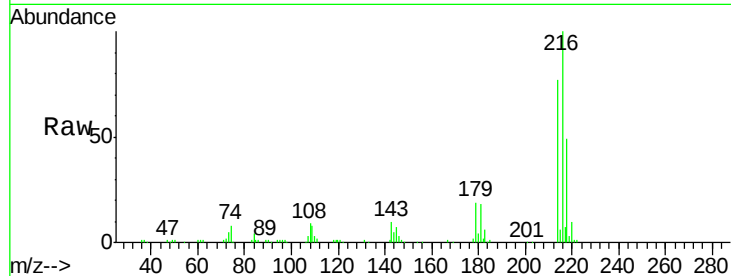
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 22.7 0.0 0.0#

108 19.6 0.5 0.7#

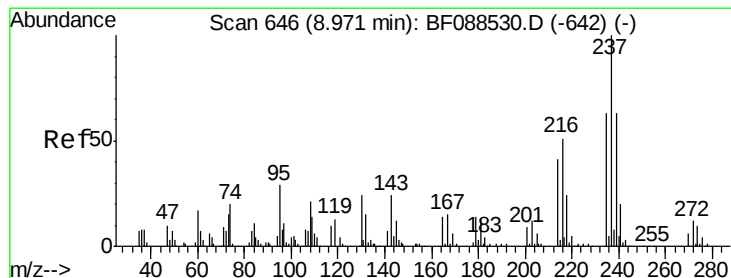
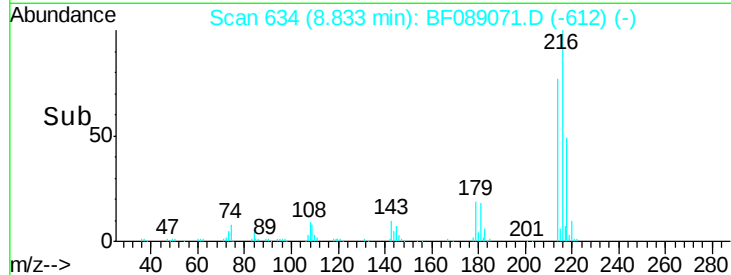
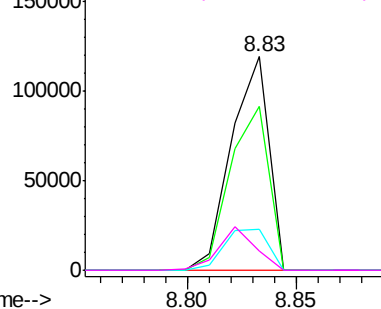


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.58 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

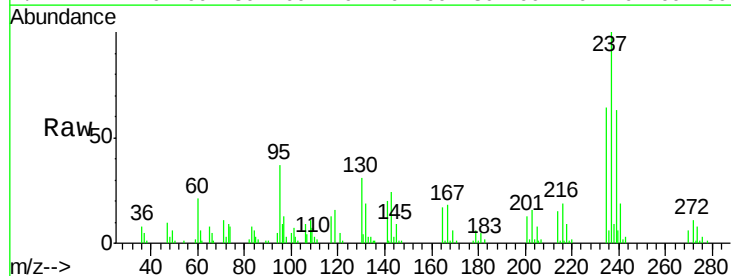
Tgt Ion:237 Resp: 56575

Ion Ratio Lower Upper

237 100

235 63.9 43.4 83.4

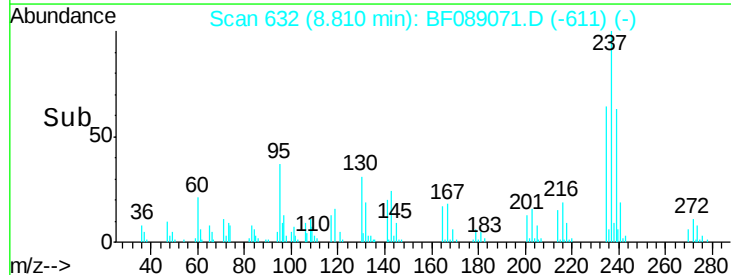
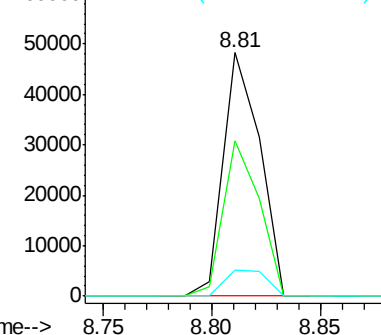
272 10.9 0.0 32.3

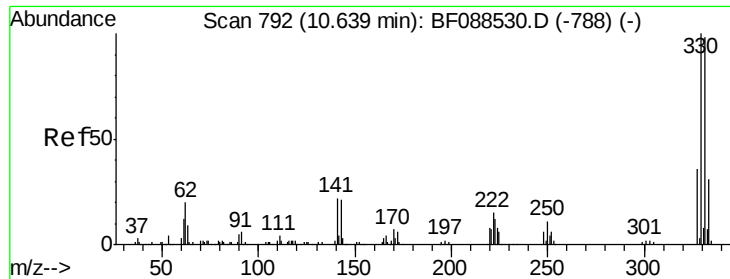


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

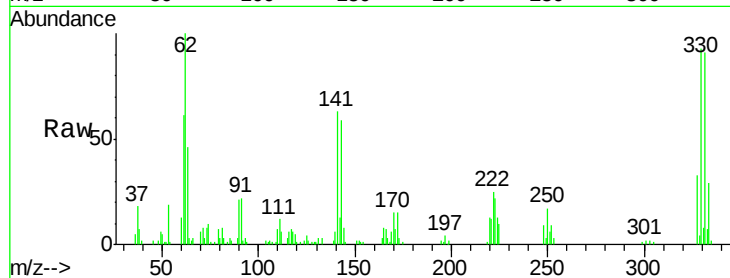




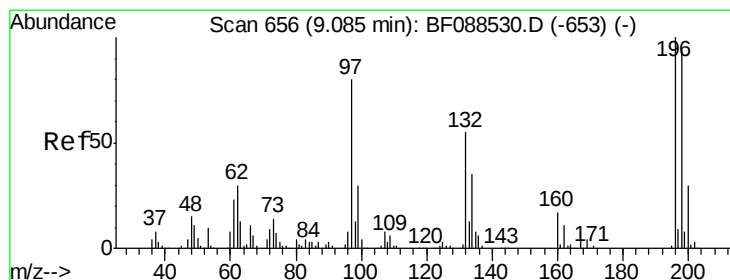
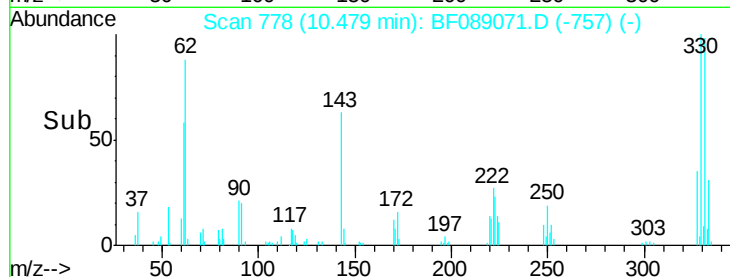
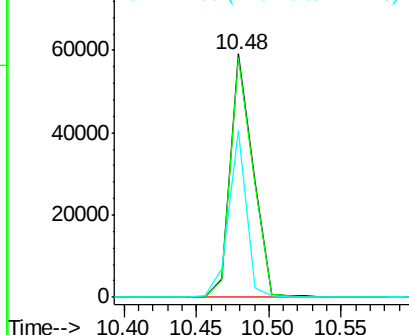
#41
 2,4,6-Tribromophenol
 Concen: 72.47 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 63749
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 54.4 0.0 0.0#

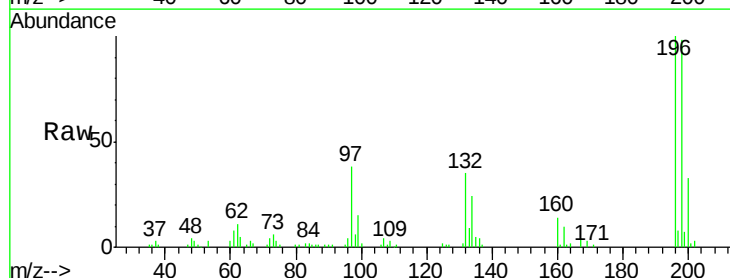


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

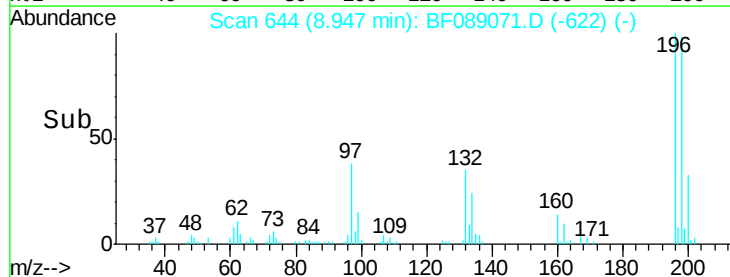
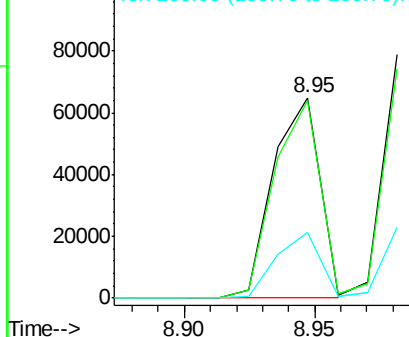


#42
 2,4,6-Trichlorophenol
 Concen: 38.79 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:196 Resp: 80572
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.0 117.0
 200 32.6 25.4 38.2



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

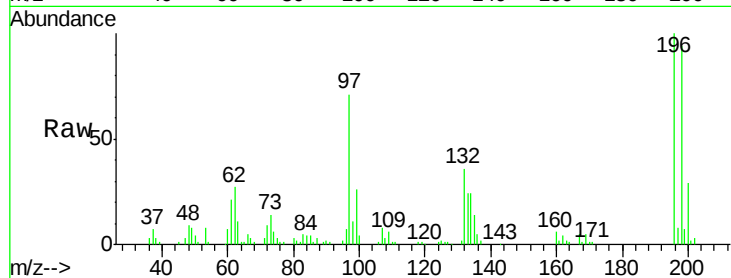




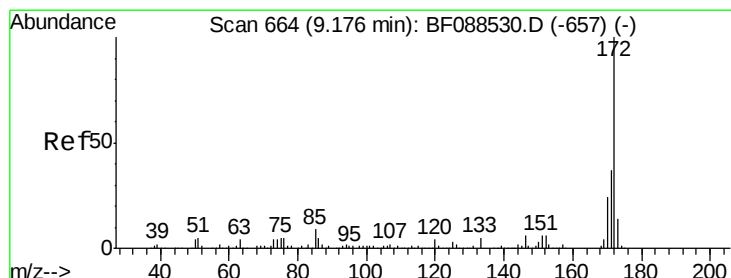
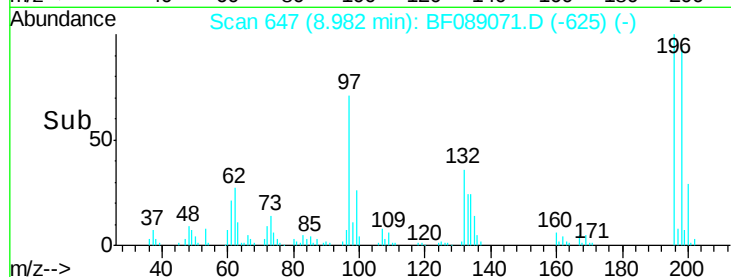
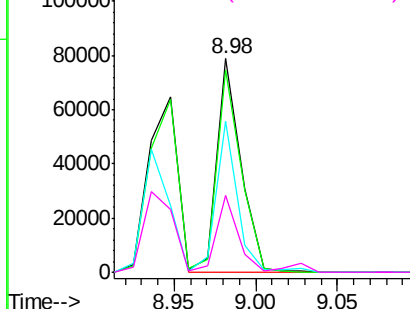
#43
 2,4,5-Trichlorophenol
 Concen: 44.89 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 80227
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.5 116.3
 97 70.8 32.0 48.0#
 132 36.1 20.9 31.3#

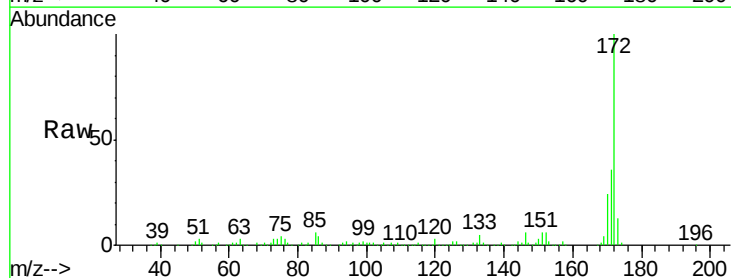


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

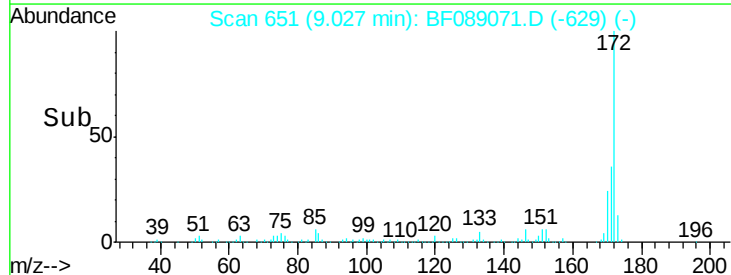
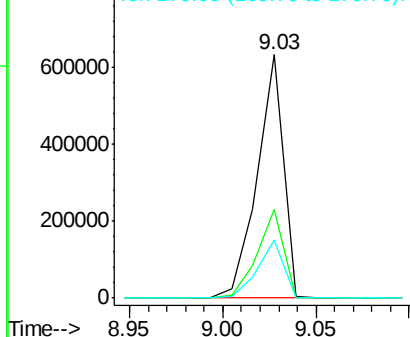


#44
 2-Fluorobiphenyl
 Concen: 102.21 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:172 Resp: 612939
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 23.9 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.48 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

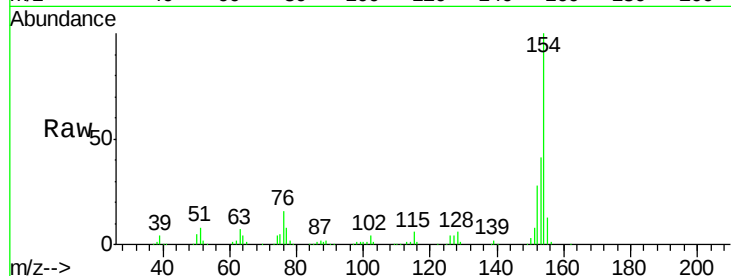
Tot Ion:154 Resp: 325412

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

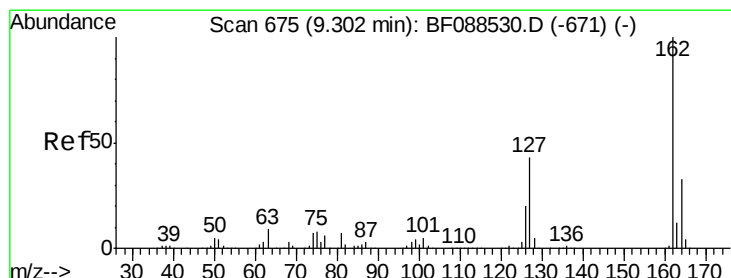
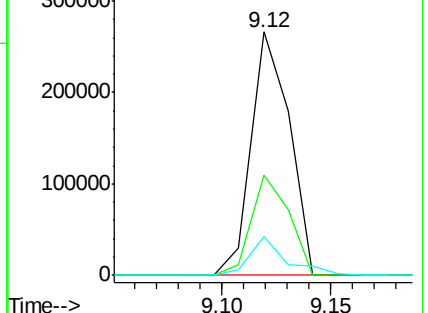
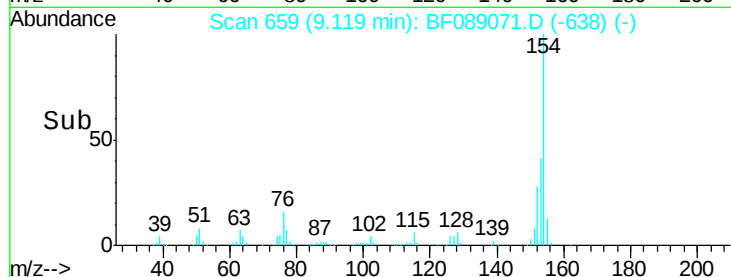
76 16.0 0.0 35.1



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: 39.74 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

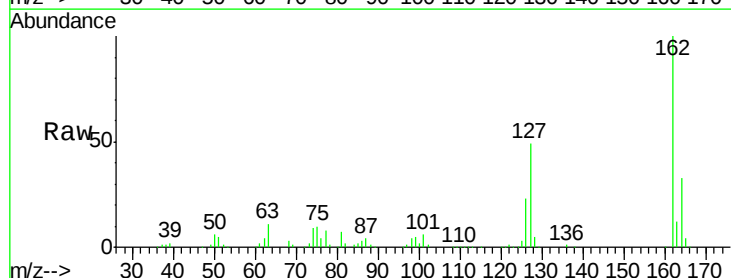
Tgt Ion:162 Resp: 244727

Ion Ratio Lower Upper

162 100

127 48.7 35.2 52.8

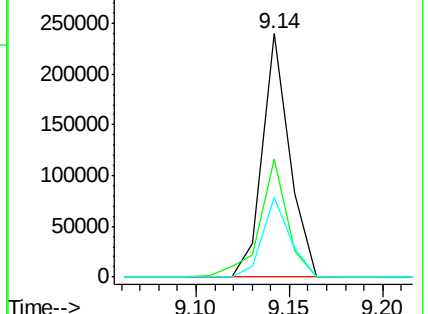
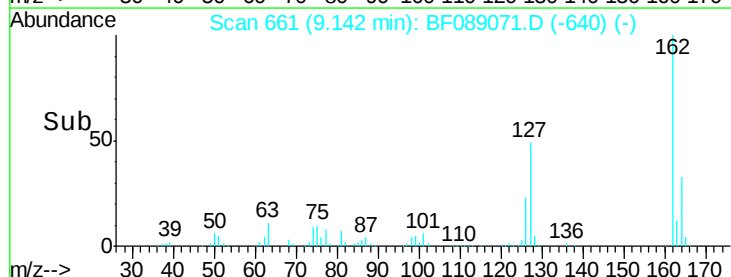
164 32.7 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

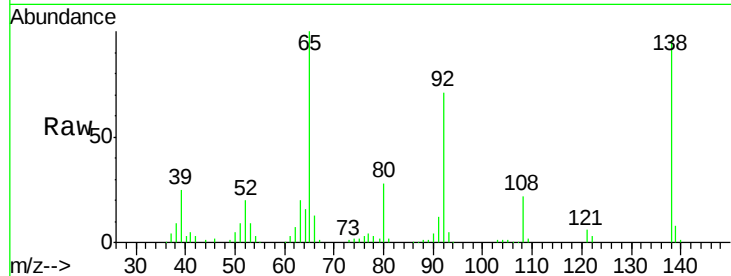




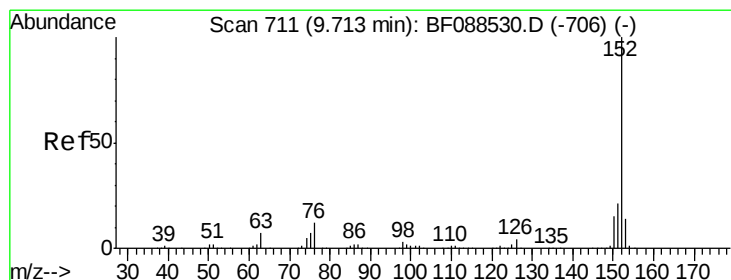
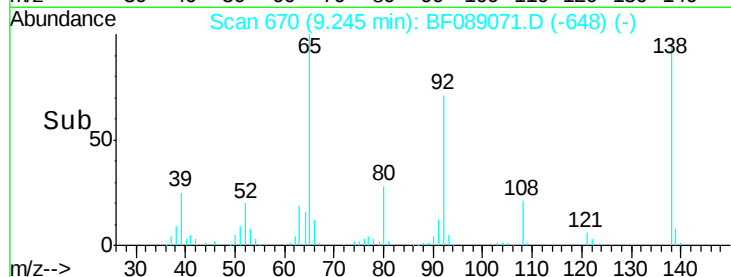
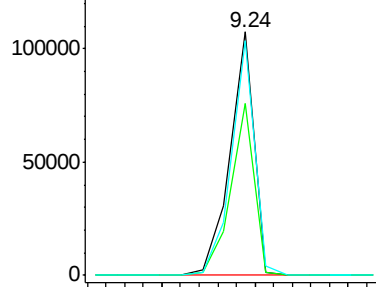
#47
2-Nitroaniline
Concen: 44.63 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 97542
Ion Ratio Lower Upper
65 100
92 70.7 54.6 82.0
138 96.3 77.0 115.4

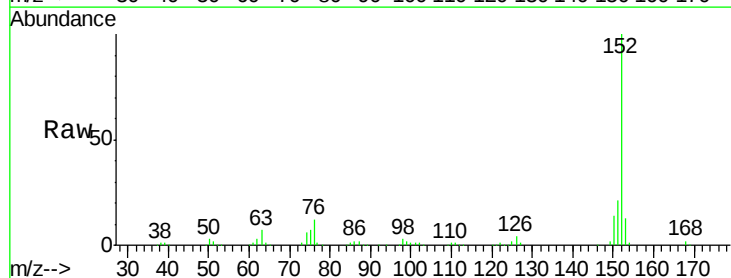


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

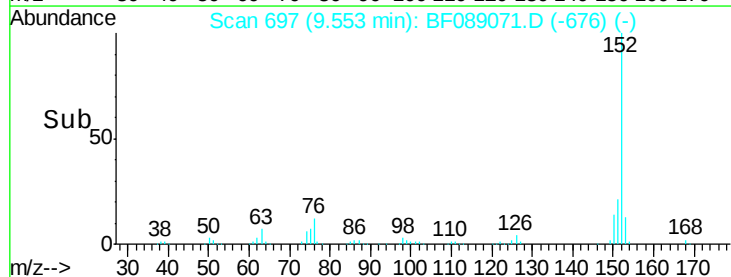
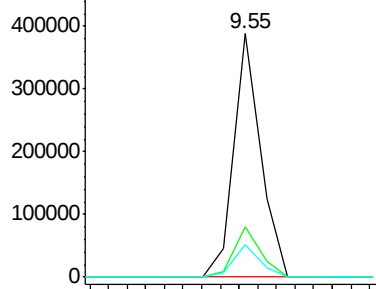


#48
Acenaphthylene
Concen: 39.30 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion: 152 Resp: 385096
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.3 11.0 16.6



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

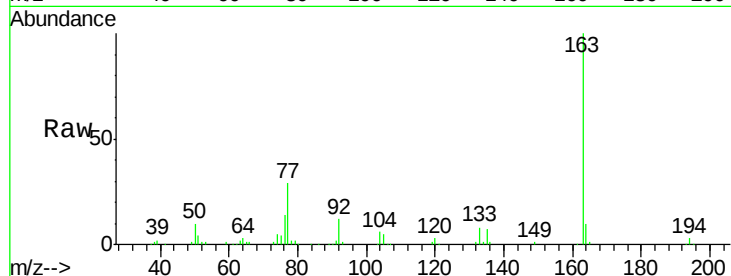




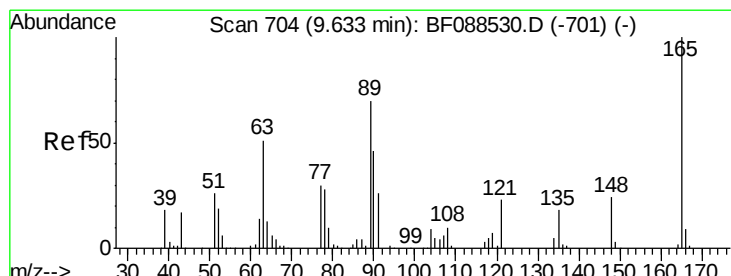
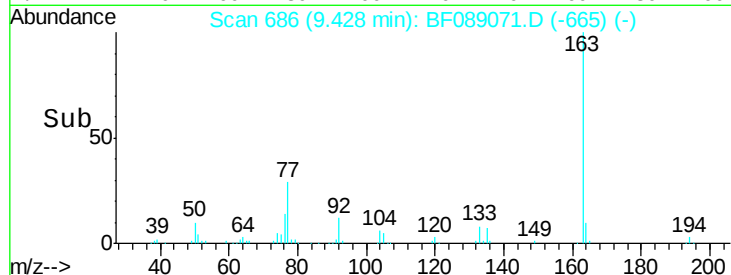
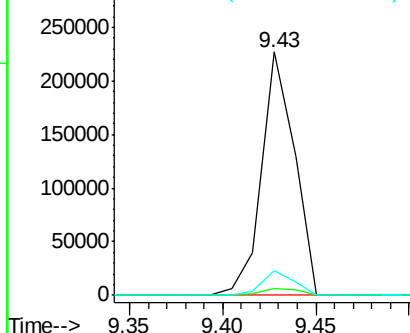
#49
Dimethylphthalate
Concen: 41.08 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 277226
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.4 8.3 12.5

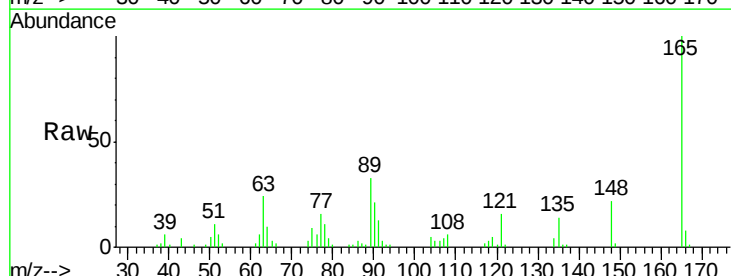


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

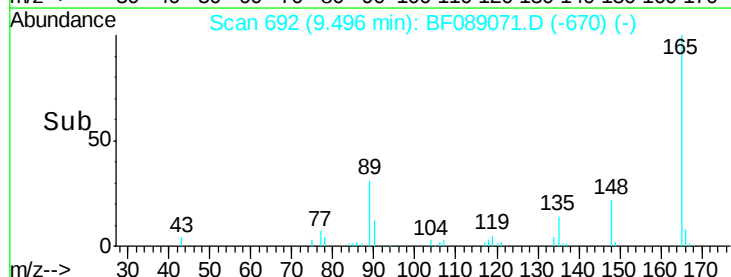
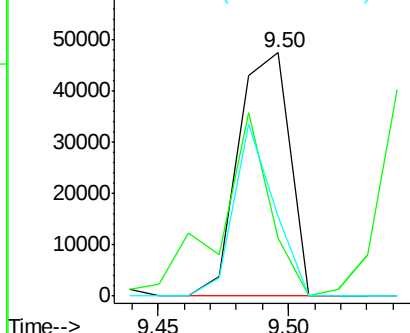


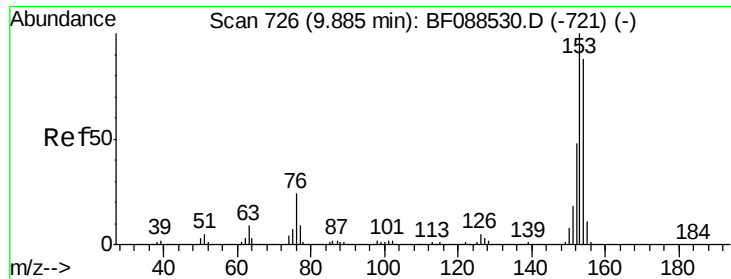
#50
2,6-Dinitrotoluene
Concen: 43.21 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion:165 Resp: 64634
Ion Ratio Lower Upper
165 100
63 23.8 28.1 42.1#
89 32.7 32.2 48.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.17 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

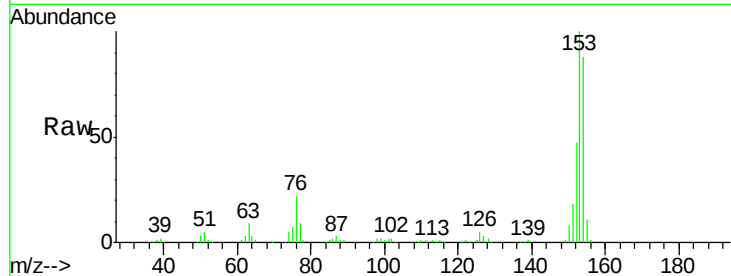
Tot Ion:154 Resp: 235241

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

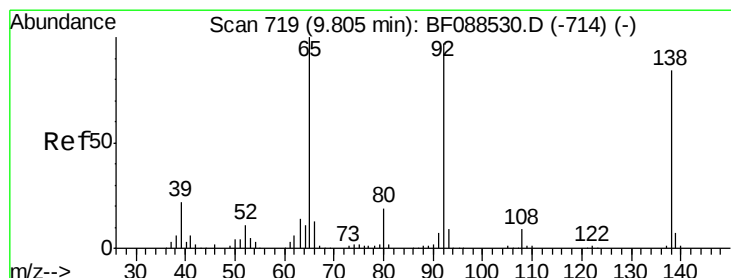
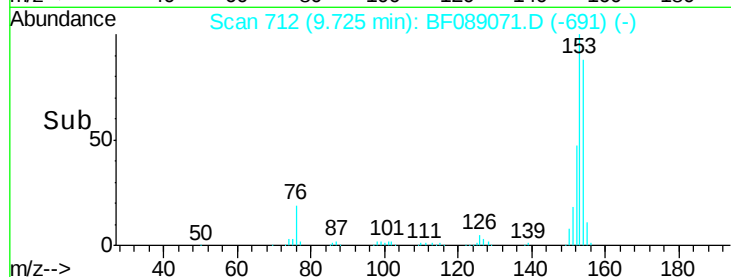
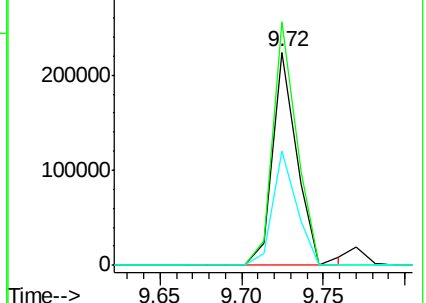
152 53.5 42.7 64.1



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: 41.36 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

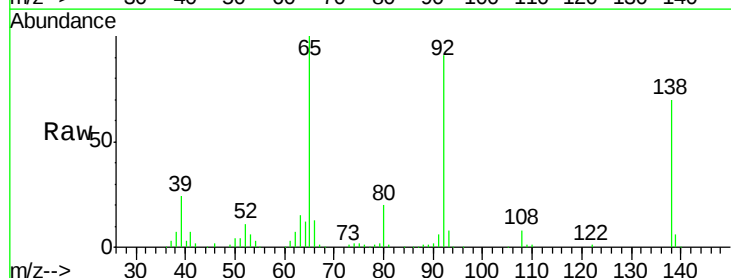
Tgt Ion:138 Resp: 78640

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

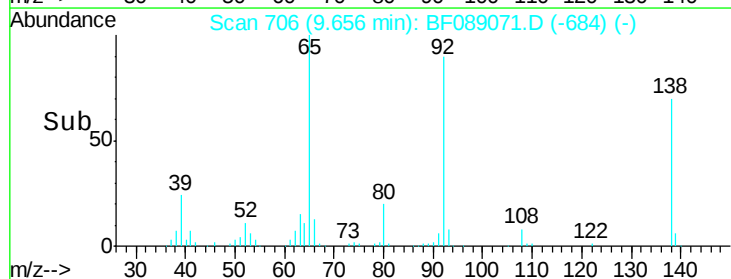
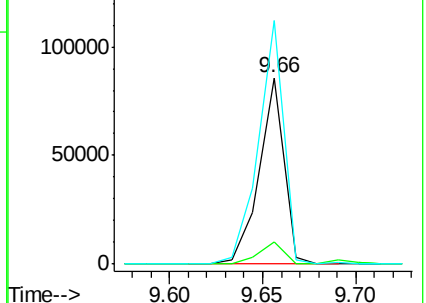
92 130.7 95.7 143.5

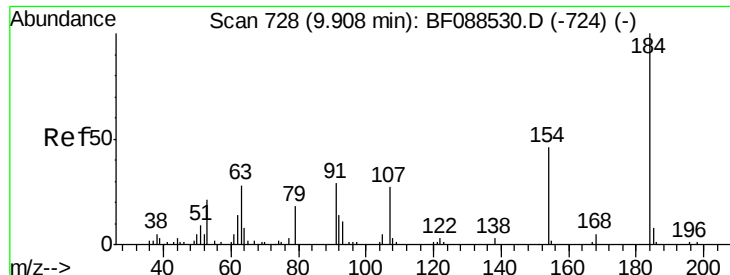


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

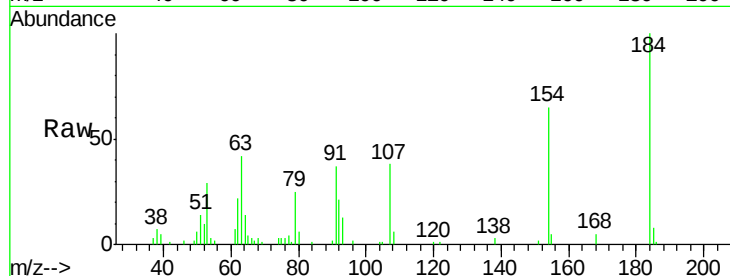




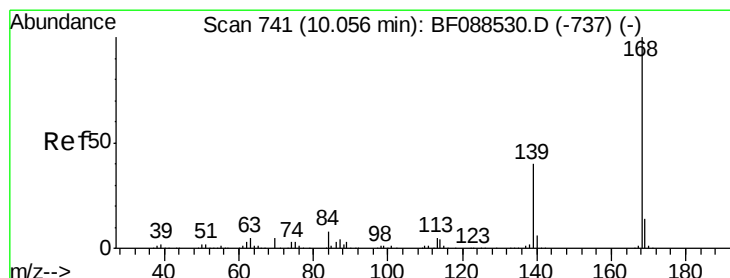
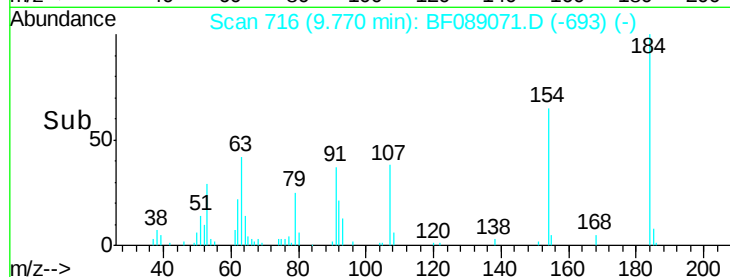
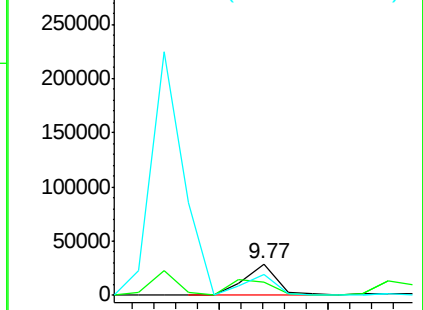
#53
2,4-Dinitrophenol
Concen: 46.48 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 30699
Ion Ratio Lower Upper
184 100
63 42.5 57.6 86.4#
154 64.6 53.5 80.3

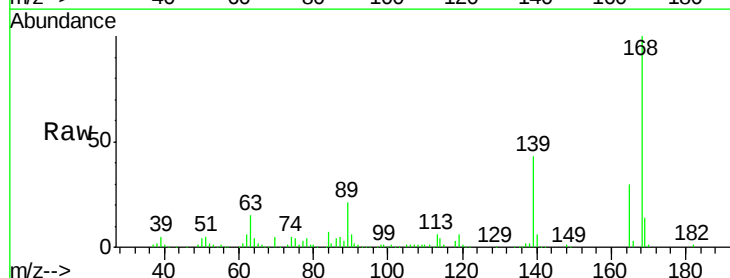


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

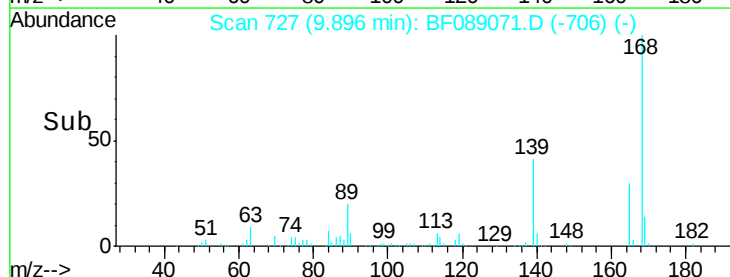
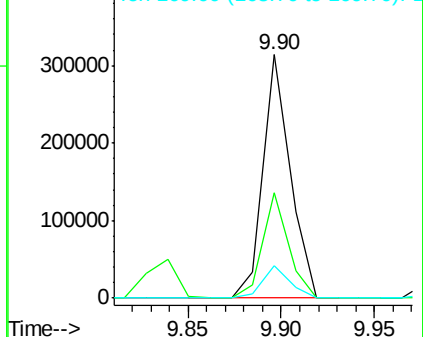


#54
Dibenzofuran
Concen: 40.14 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion:168 Resp: 315544
Ion Ratio Lower Upper
168 100
139 43.1 26.4 39.6#
169 13.5 10.4 15.6



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

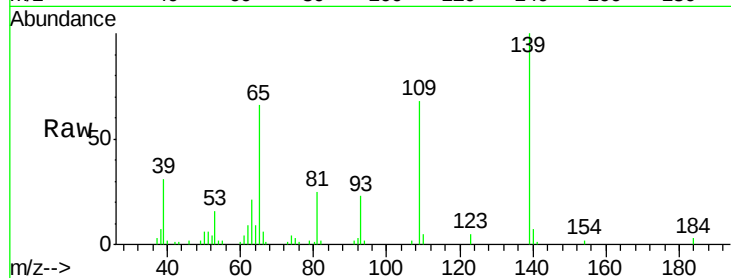




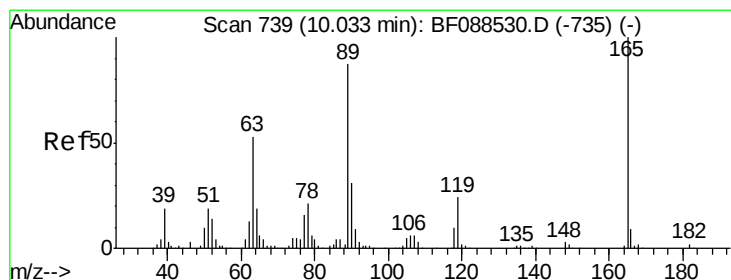
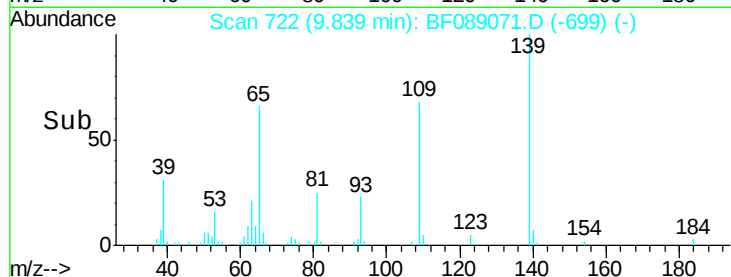
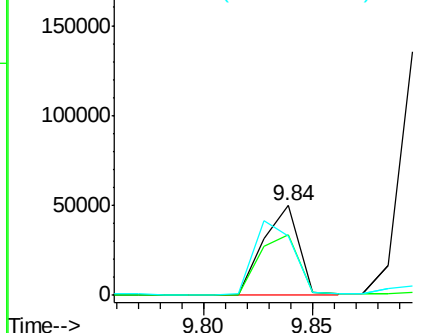
#55
4-Nitrophenol
Concen: 40.02 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 57828
Ion Ratio Lower Upper
139 100
109 67.8 48.9 88.9
65 66.0 84.9 124.9#



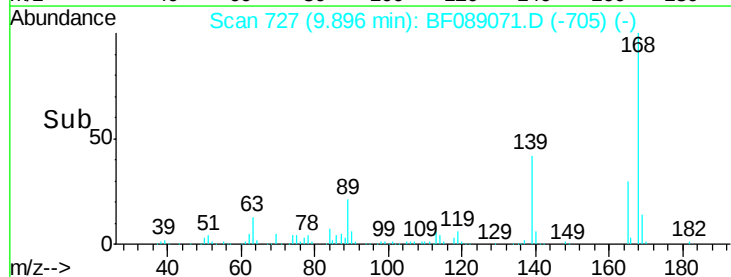
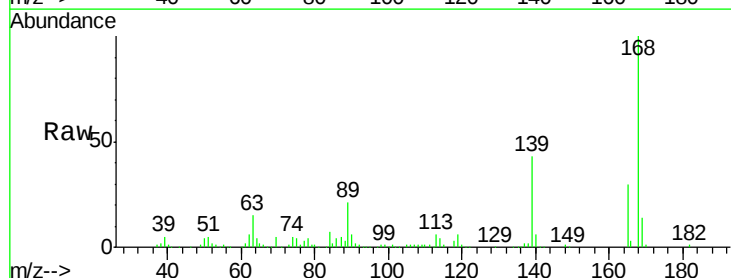
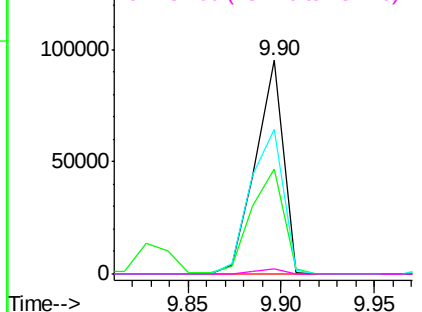
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 50.19 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion:165 Resp: 98145
Ion Ratio Lower Upper
165 100
63 48.9 22.0 33.0#
89 67.8 41.1 61.7#
182 2.6 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.48 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

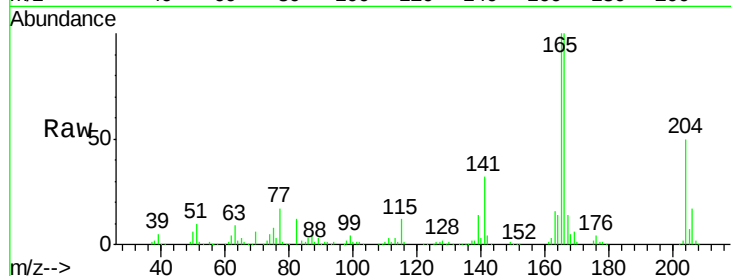
Tot Ion:166 Resp: 275539

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

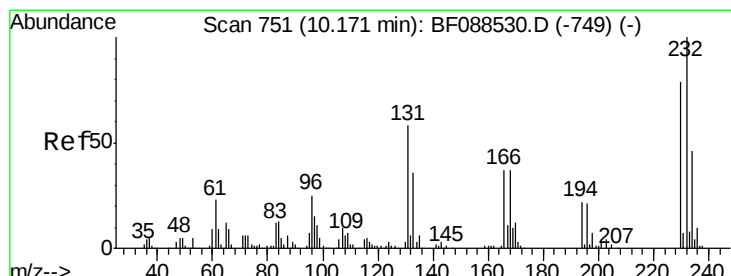
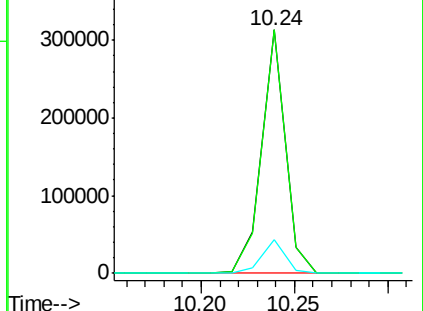
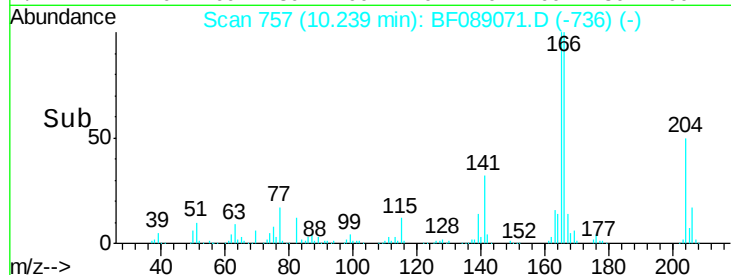
167 13.7 11.2 16.8



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: 42.95 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Tgt Ion:232 Resp: 59390

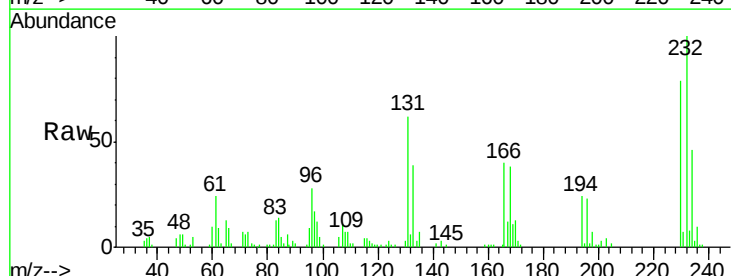
Ion Ratio Lower Upper

232 100

131 59.0 0.9 1.3#

130 2.8 1.5 2.3#

166 37.0 0.5 0.7#

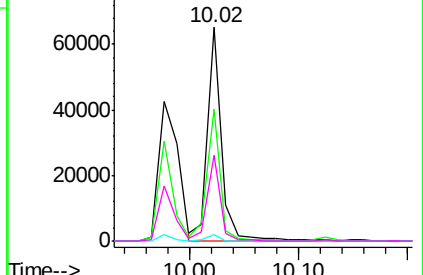
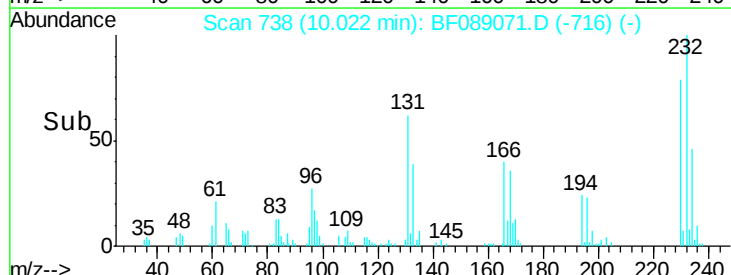


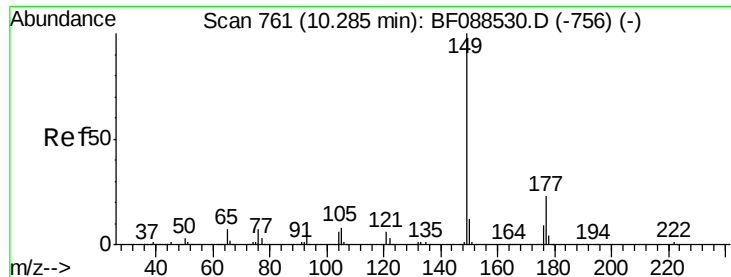
Abundance Ion 232.00 (231.70 to 232.70): E

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

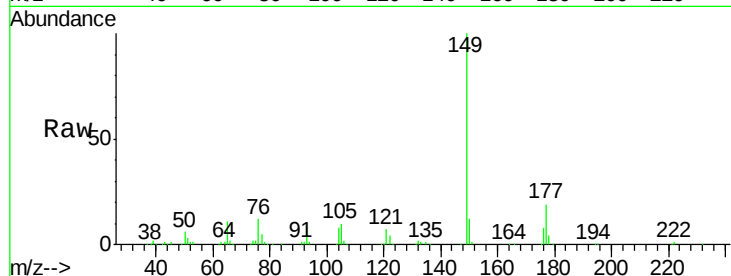




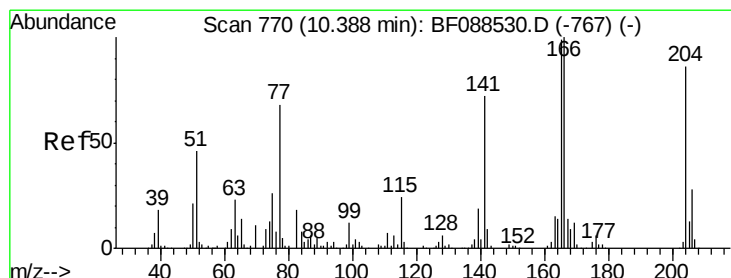
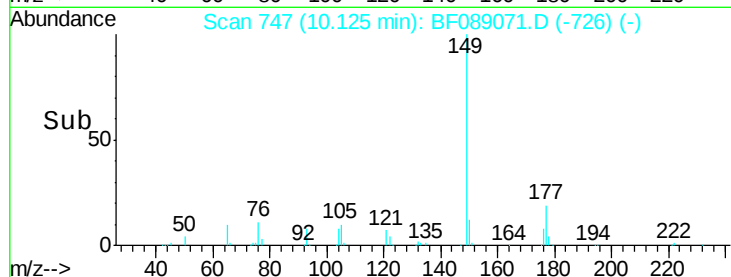
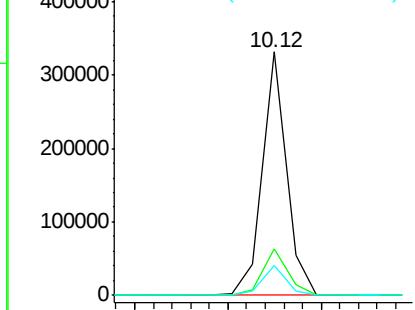
#59
Diethylphthalate
Concen: 43.67 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 295787
Ion Ratio Lower Upper
149 100
177 19.3 16.9 25.3
150 12.4 10.1 15.1

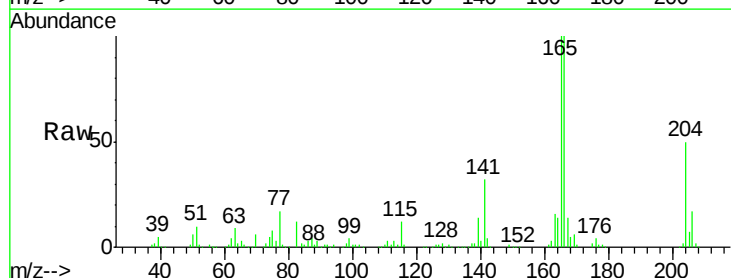


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

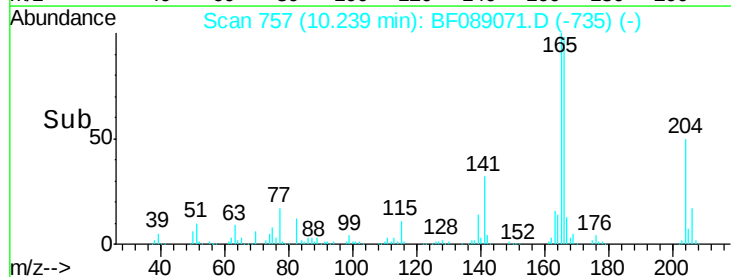
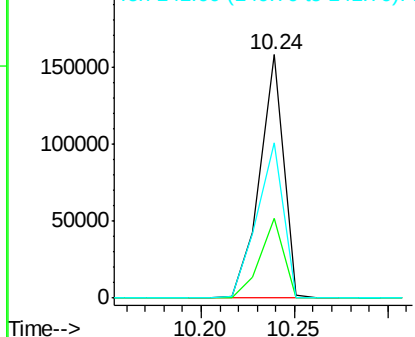


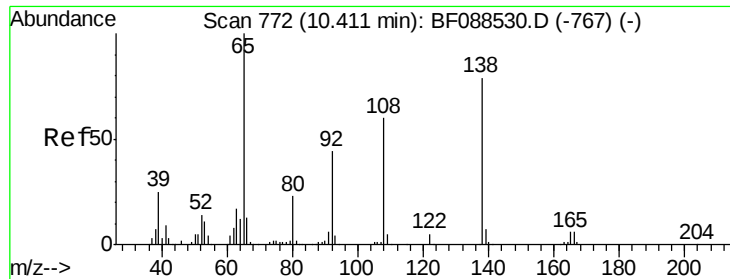
#60
4-Chlorophenyl-phenylether
Concen: 49.43 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion:204 Resp: 139123
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 64.0 55.0 82.6



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

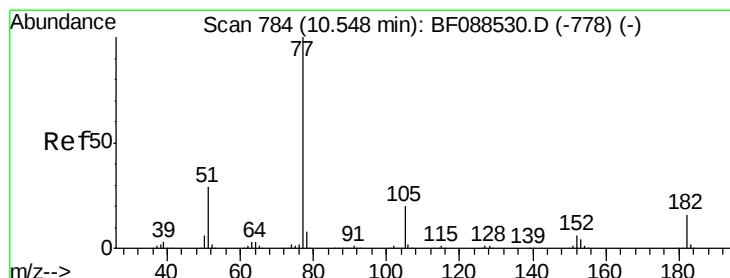
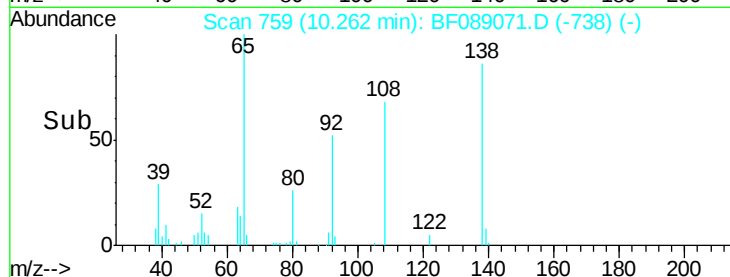
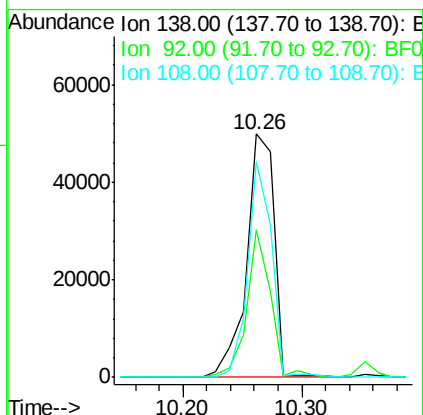
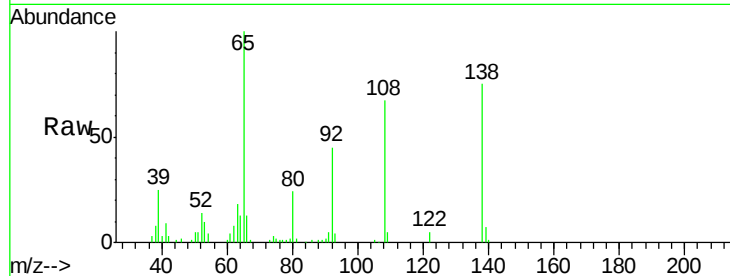




#61
4-Nitroaniline
Concen: 44.44 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

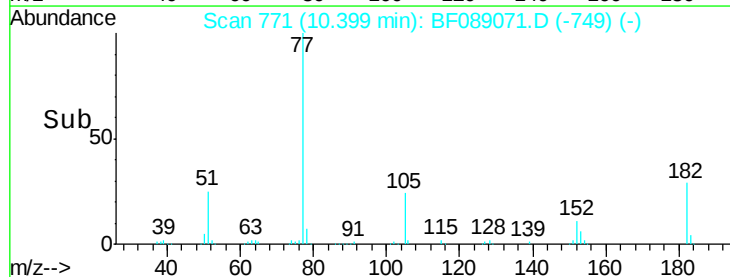
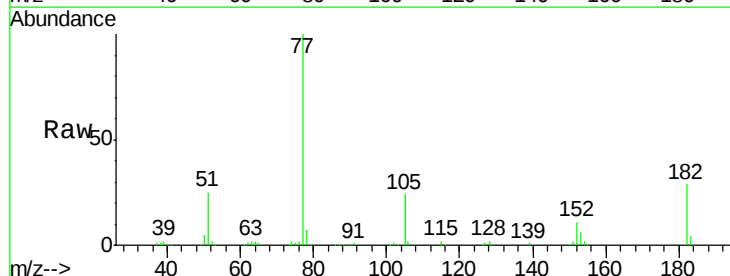
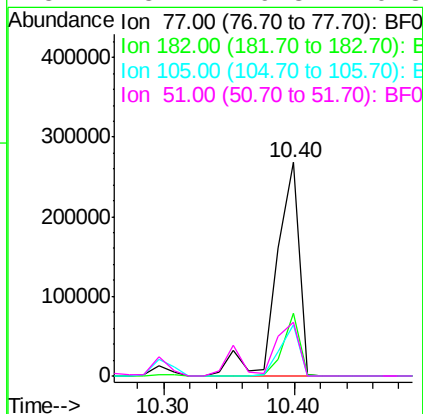
Instrument :
BNA_F
ClientSampleId :

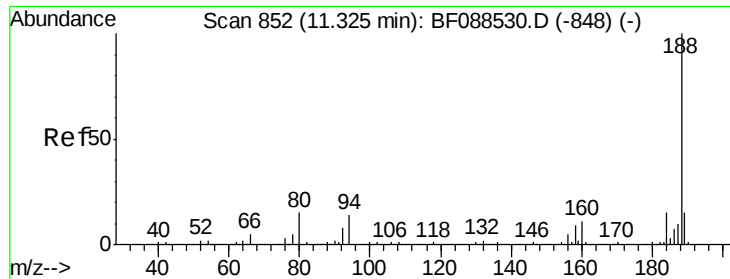
Tot Ion:138 Resp: 81322
Ion Ratio Lower Upper
138 100
92 60.4 27.3 67.3
108 88.6 46.7 86.7#



#62
Azobenzene
Concen: 42.68 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion: 77 Resp: 329730
Ion Ratio Lower Upper
77 100
182 29.3 4.4 44.4
105 23.9 3.8 43.8
51 25.1 9.3 49.3

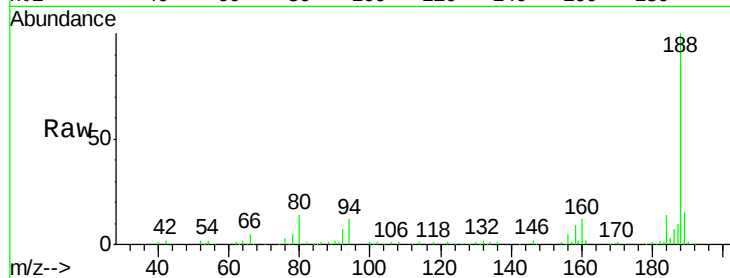




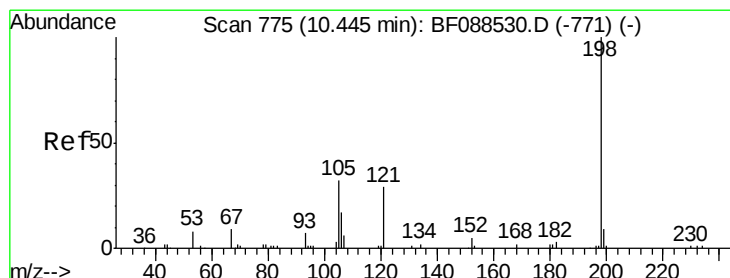
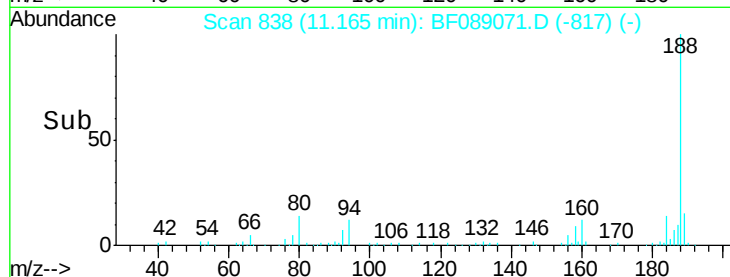
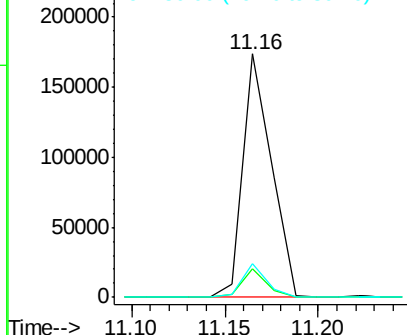
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 185175
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.0 13.6
 80 13.7 10.0 15.0

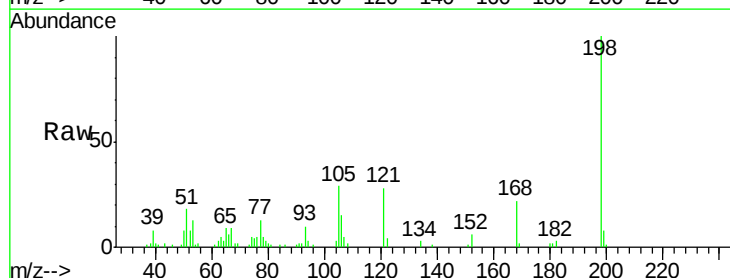


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

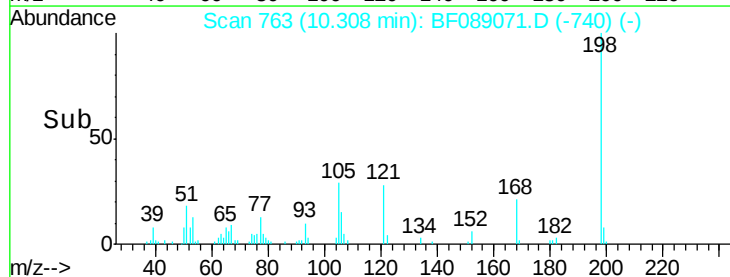
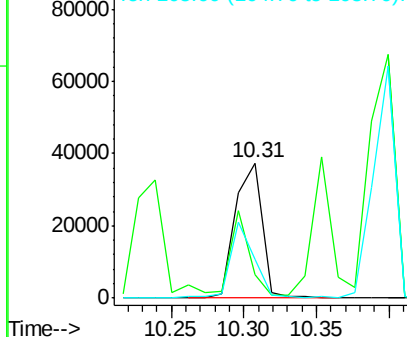


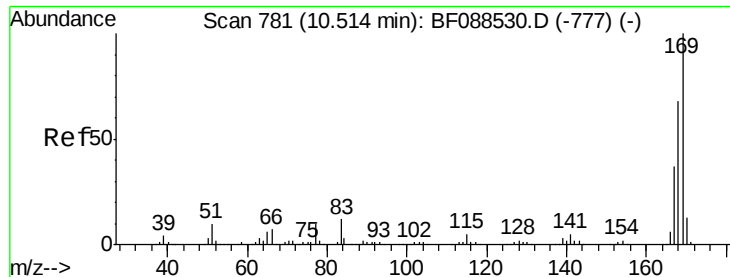
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.53 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.03 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:198 Resp: 48067
 Ion Ratio Lower Upper
 198 100
 51 17.6 39.6 79.6#
 105 28.8 36.6 76.6#



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

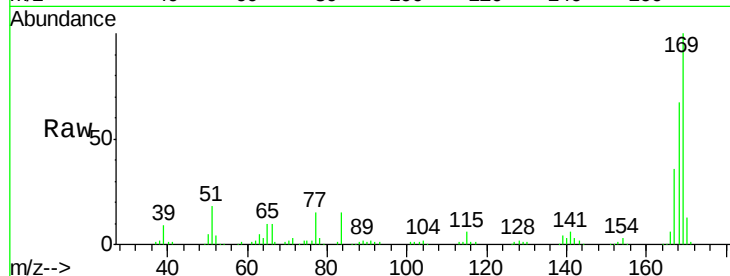




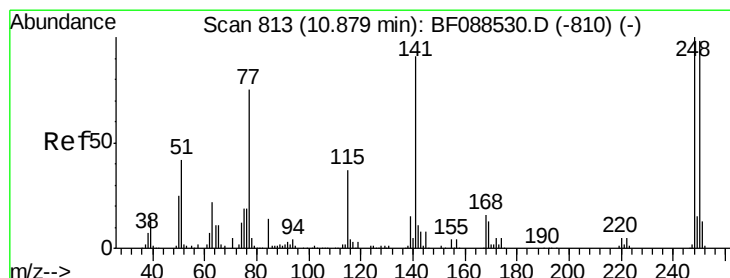
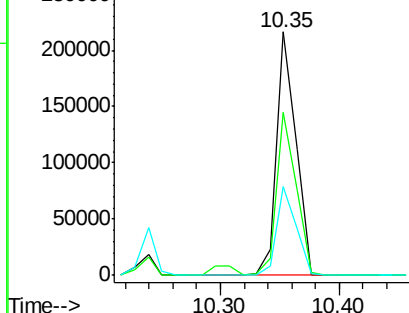
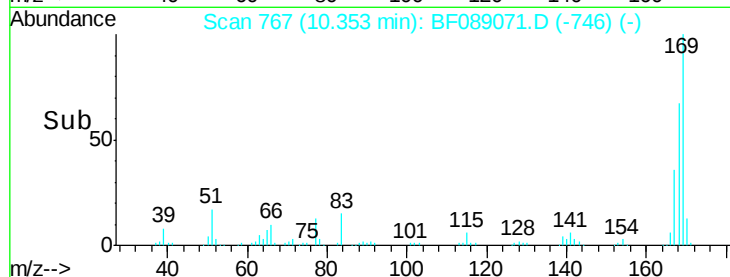
#65
 n-Nitrosodiphenylamine
 Concen: 38.75 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 242859
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.4 80.0
 167 36.3 29.4 44.0

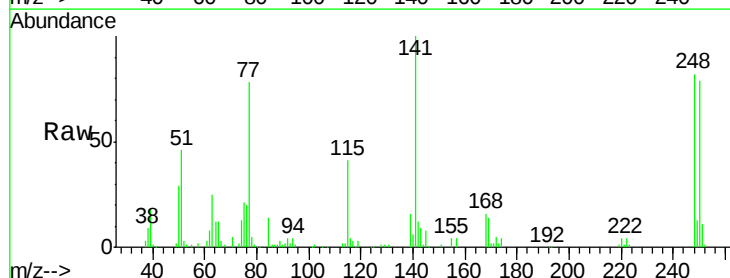


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

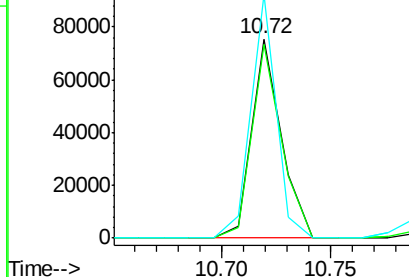
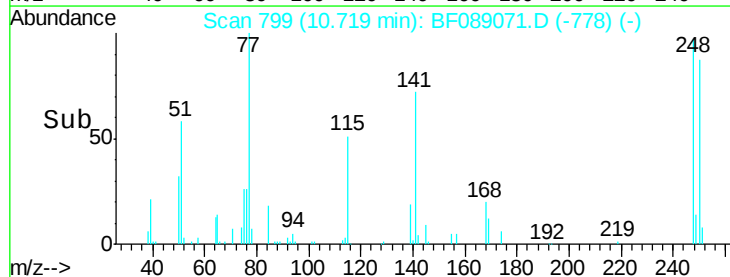


#66
 4-Bromophenyl-phenylether
 Concen: 38.13 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:248 Resp: 71148
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 122.2 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

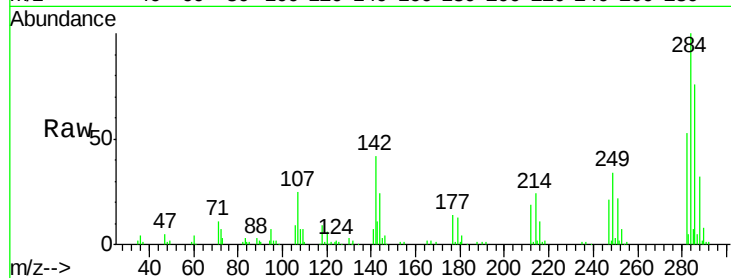




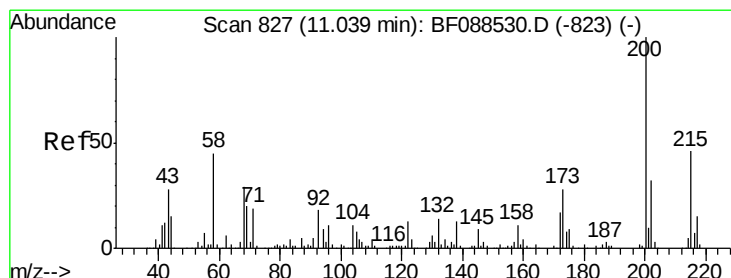
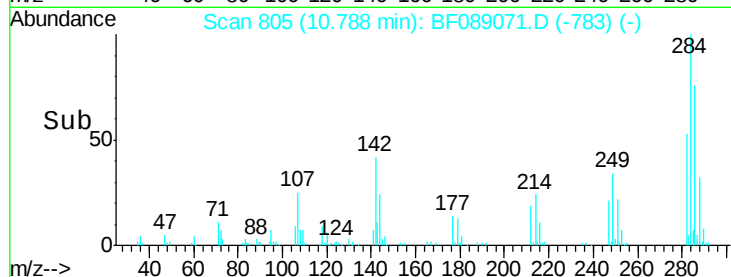
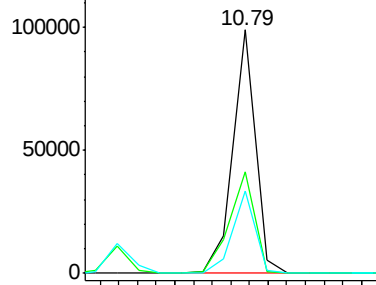
#67
Hexachlorobenzene
Concen: 39.87 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.6	35.8	53.8
249	33.8	25.8	38.6

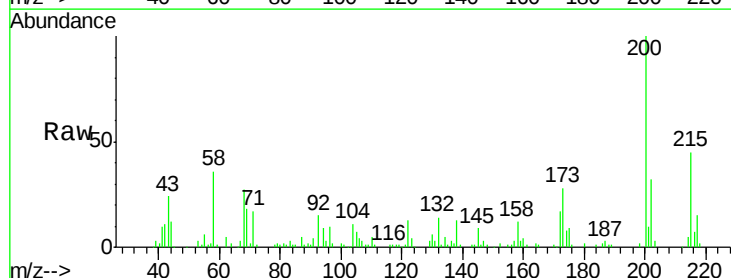


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

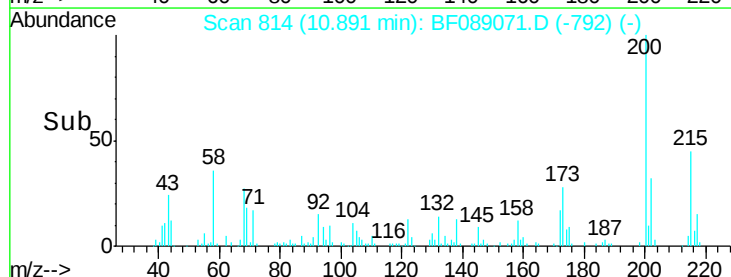
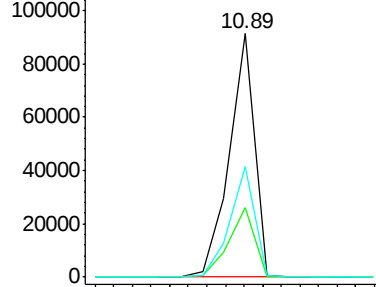


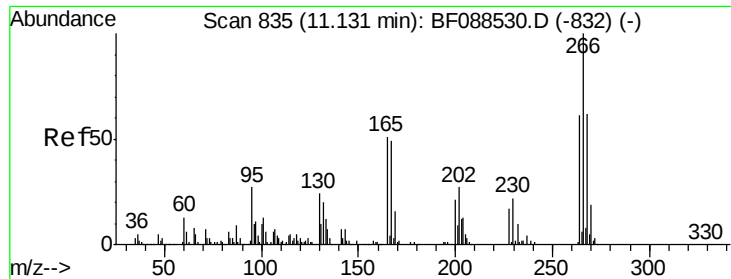
#68
Atrazine
Concen: 43.42 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	4.0	44.0
215	45.2	29.3	69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

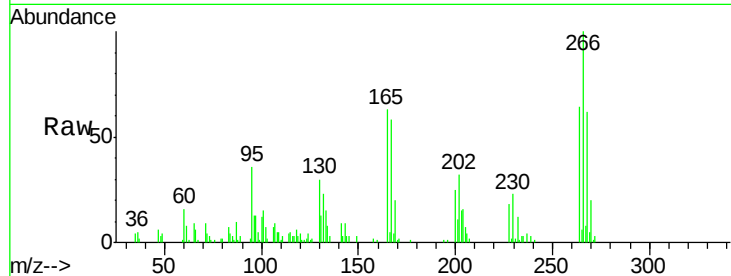




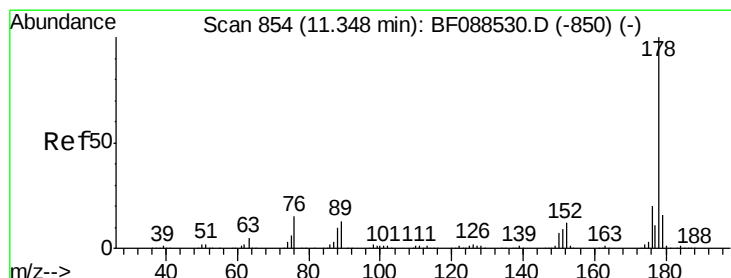
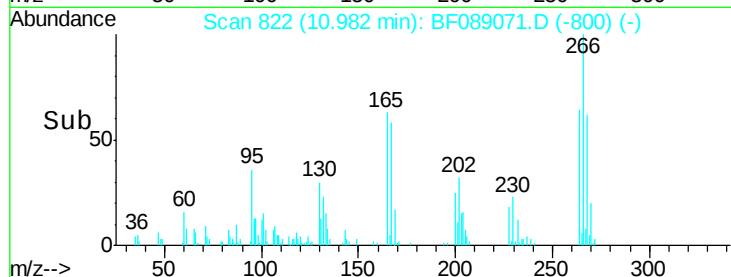
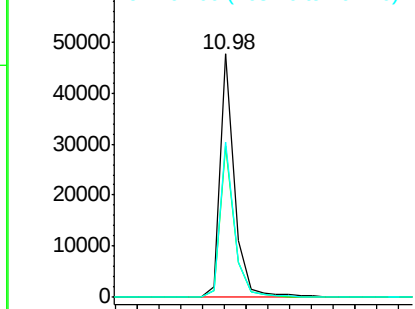
#69
 Pentachlorophenol
 Concen: 36.55 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 44687
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.8 79.2
 264 63.8 49.6 74.4

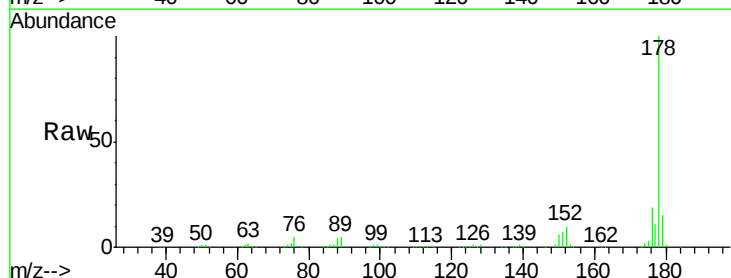


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

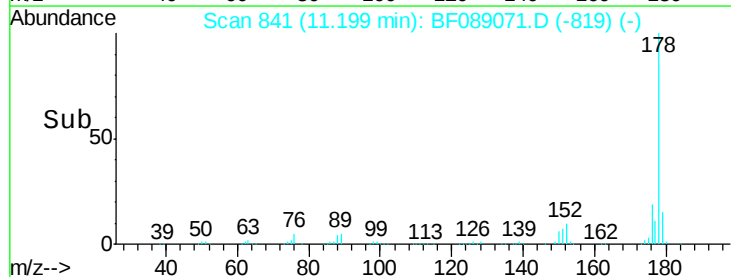
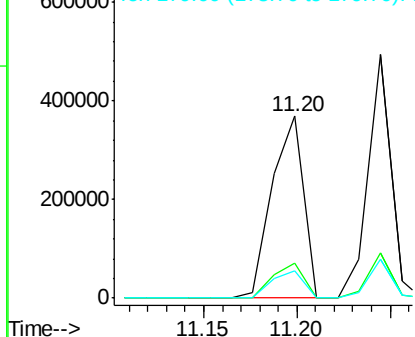


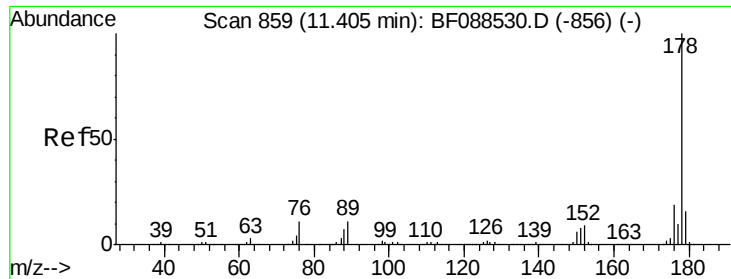
#70
 Phenanthrene
 Concen: 43.05 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:178 Resp: 435808
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.0 13.0 19.4



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

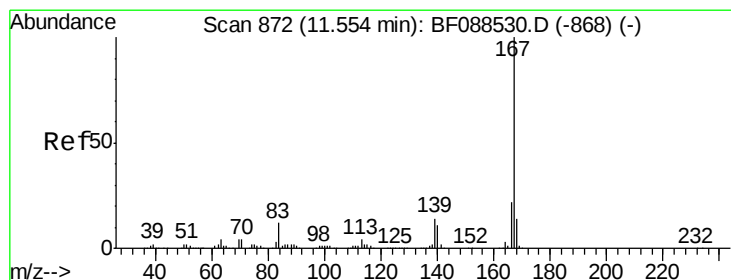
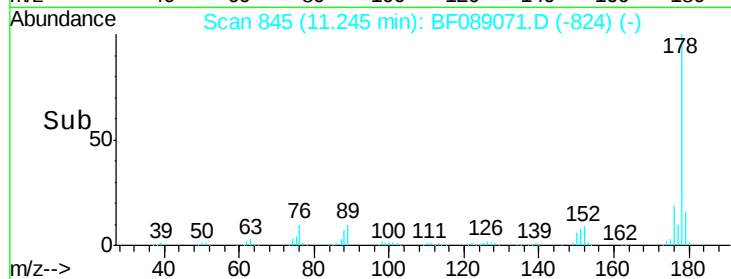
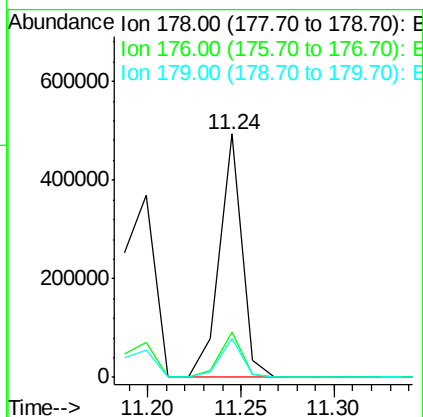
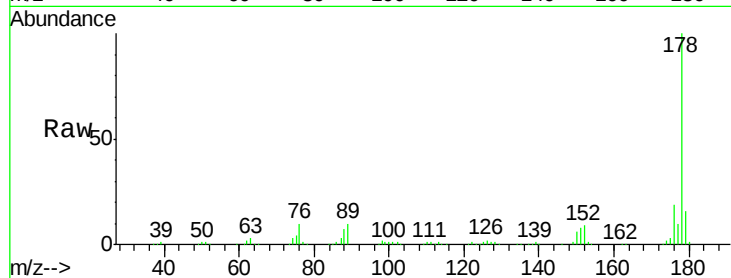




#71
 Anthracene
 Concen: 41.46 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

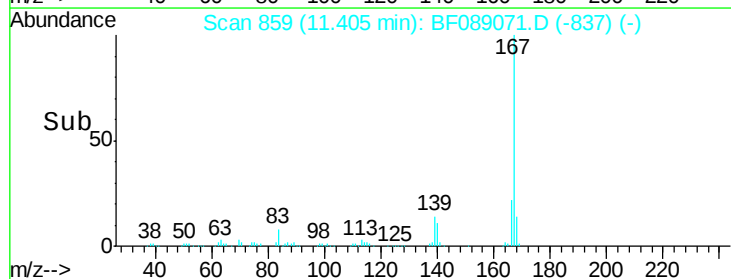
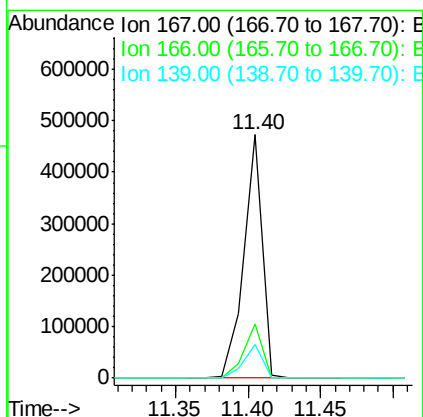
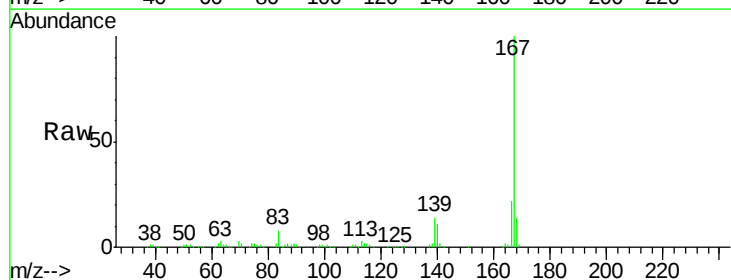
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 417299
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.7 12.8 19.2



#72
 Carbazole
 Concen: 44.06 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.05 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:167 Resp: 417388
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.0 11.2 16.8





#73

Di-n-butylphthalate

Concen: 45.51 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampled :

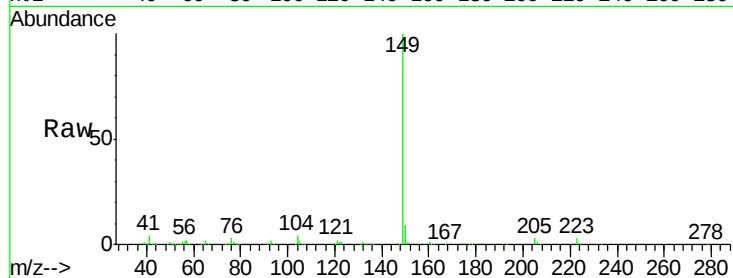
Tot Ion:149 Resp: 501432

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

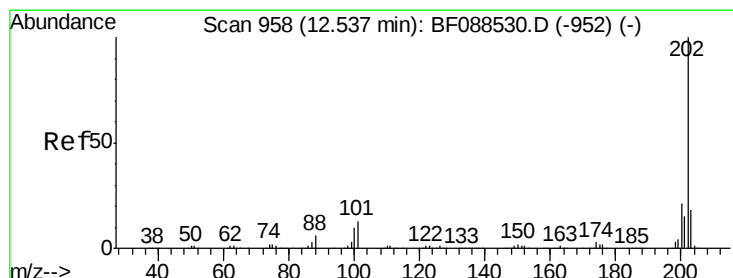
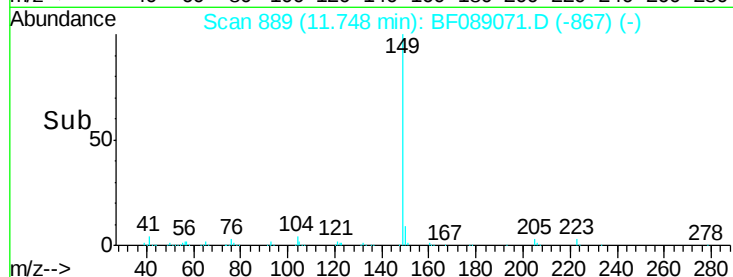
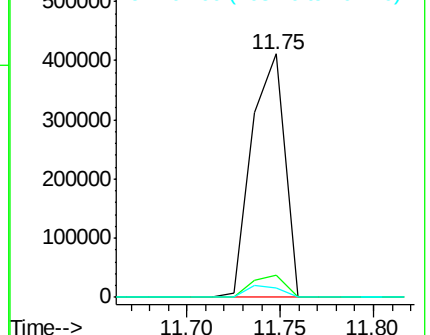
104 4.1 4.0 6.0



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: 46.26 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

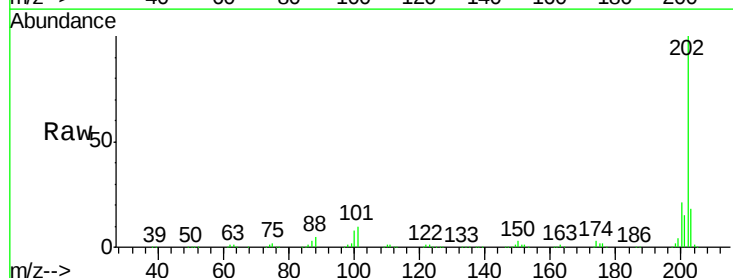
Tgt Ion:202 Resp: 474701

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.1

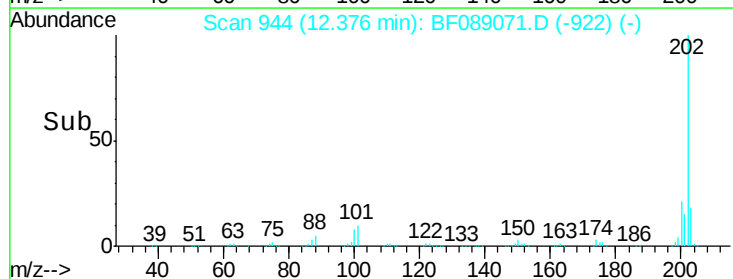
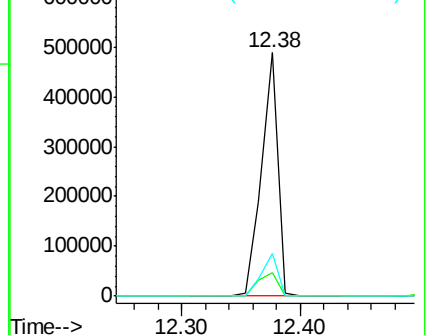
203 17.6 0.0 38.1

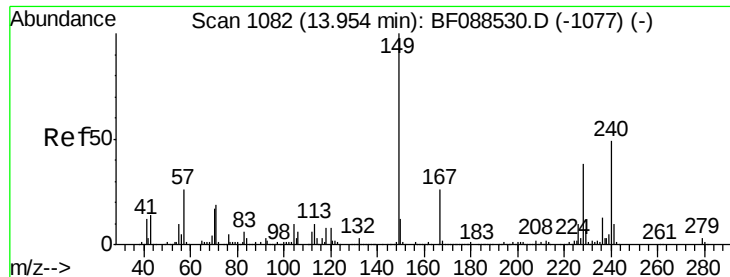


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1068

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

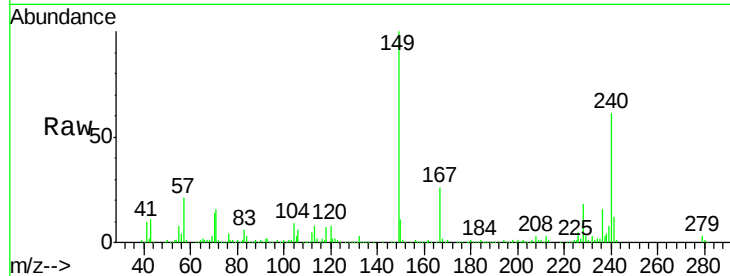
Tot Ion:240 Resp: 145831

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

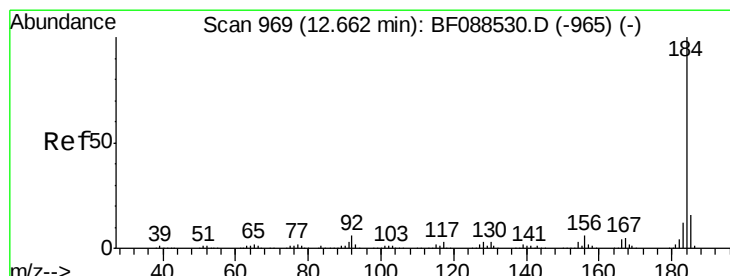
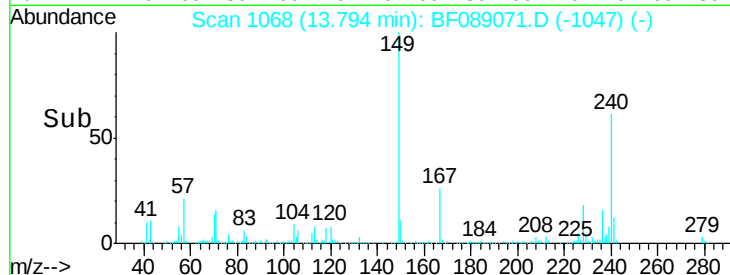
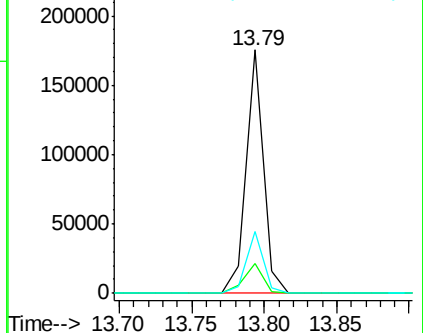
236 25.6 20.2 30.2



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: 49.32 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

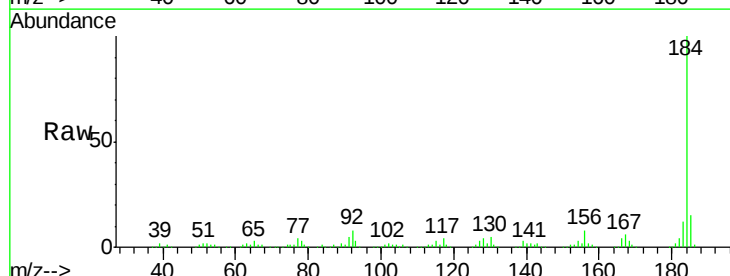
Tgt Ion:184 Resp: 363576

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

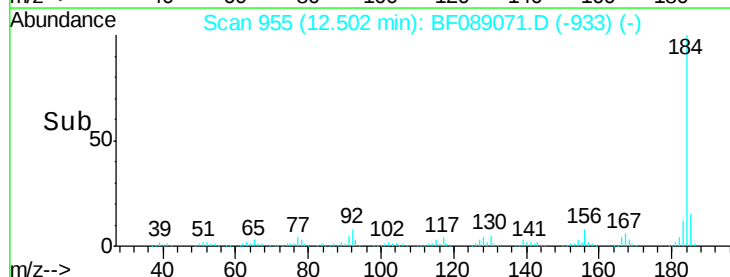
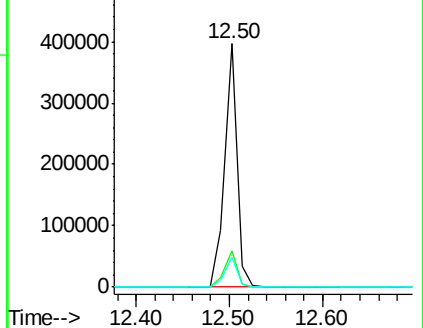
183 12.2 9.3 13.9



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: 37.58 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :

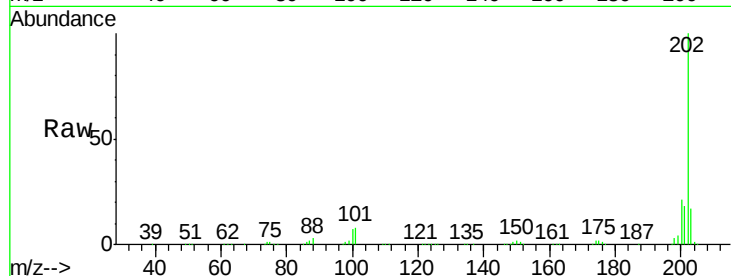
Tot Ion:202 Resp: 464625

Ion Ratio Lower Upper

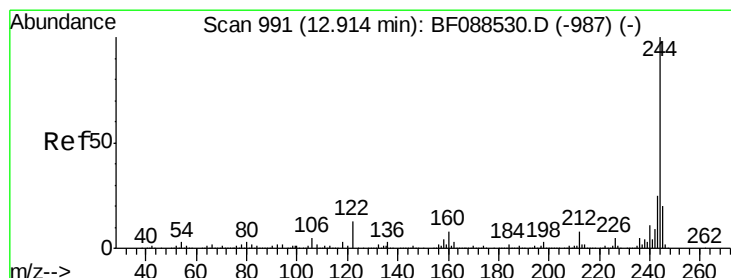
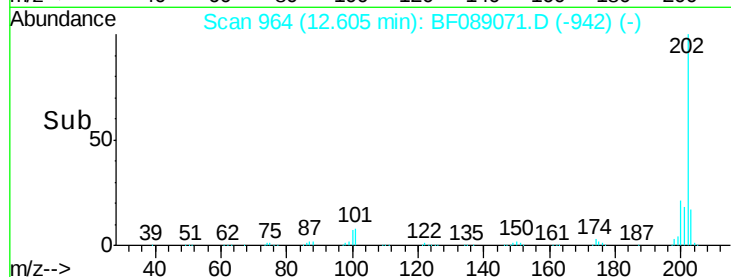
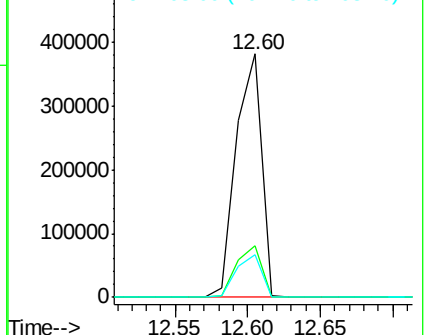
202 100

200 21.2 17.4 26.2

203 17.4 14.5 21.7



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: 83.09 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

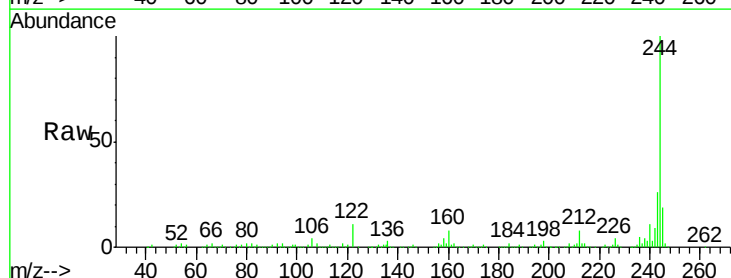
Tgt Ion:244 Resp: 544045

Ion Ratio Lower Upper

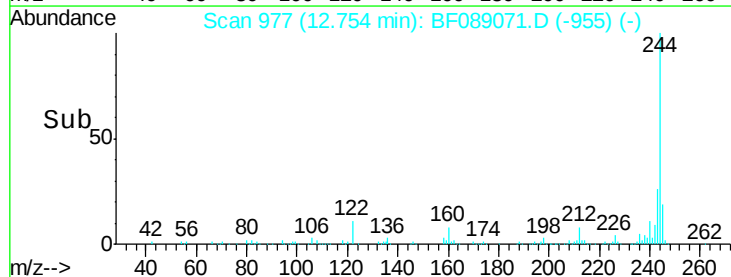
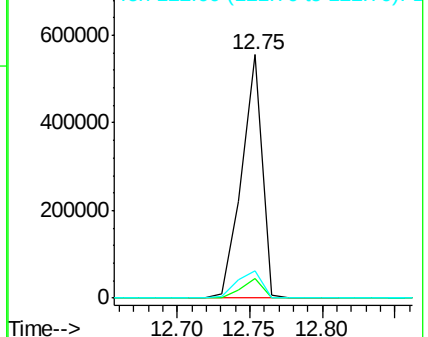
244 100

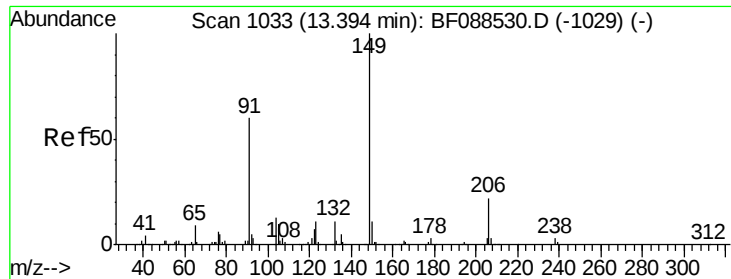
212 7.9 6.0 9.0

122 11.4 11.2 16.8



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: 36.56 ng

RT: 13.23 min Scan# 1019

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

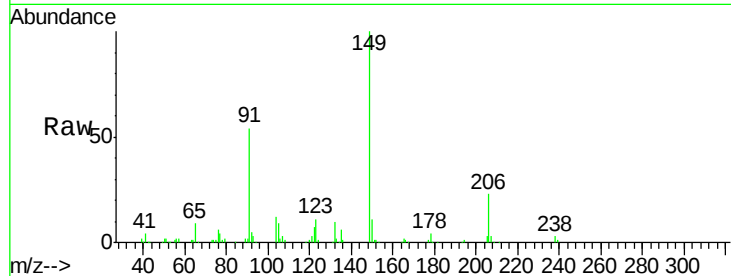
Tot Ion:149 Resp: 201668

Ion Ratio Lower Upper

149 100

91 53.9 48.0 72.0

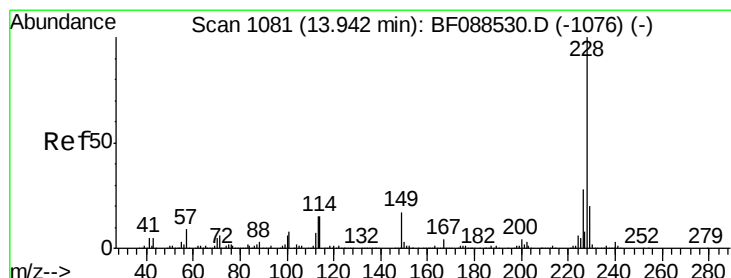
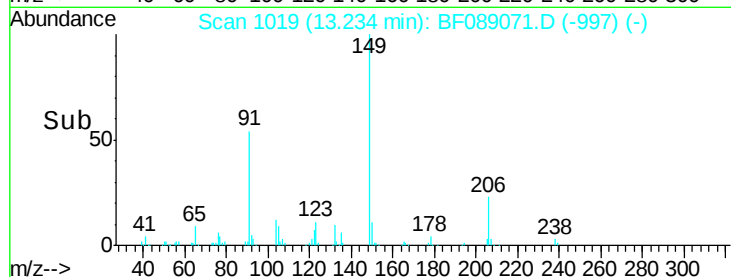
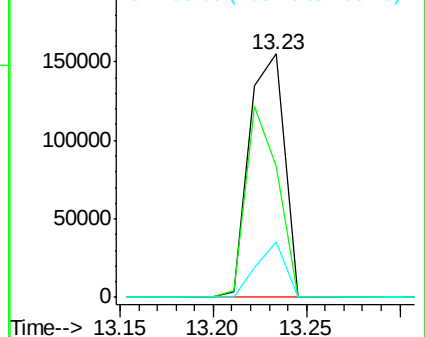
206 22.8 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.97 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

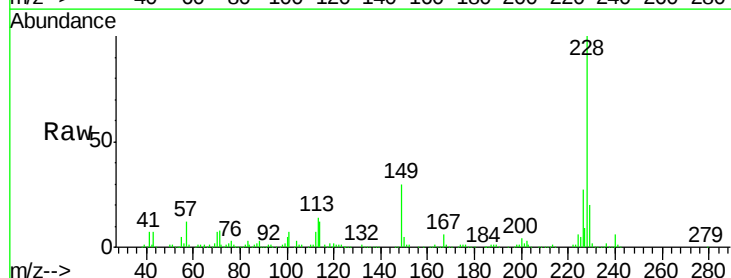
Tgt Ion:228 Resp: 356590

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

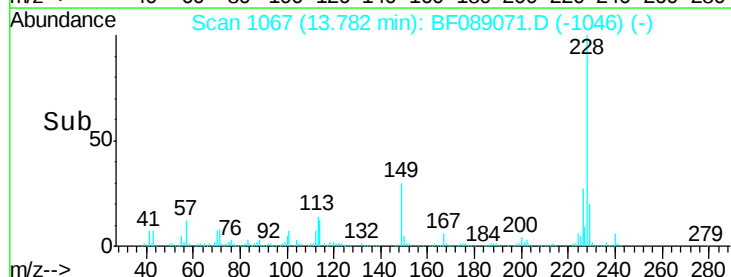
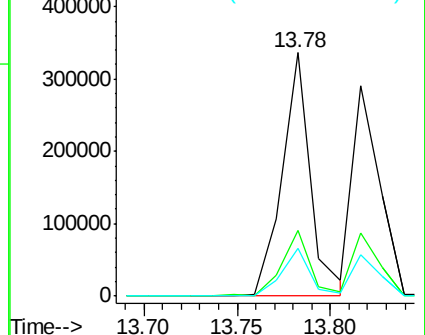
229 19.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

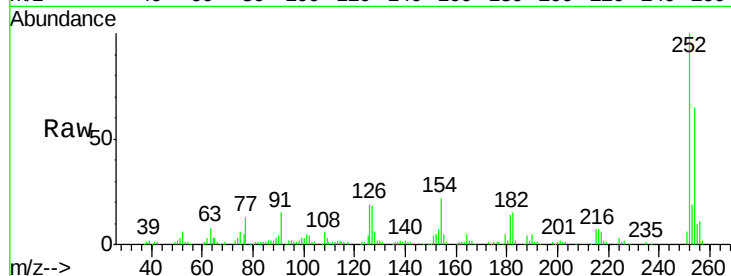




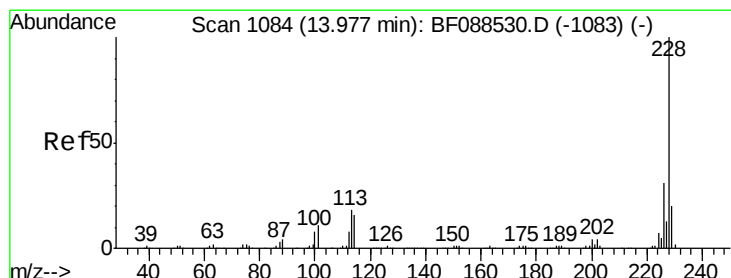
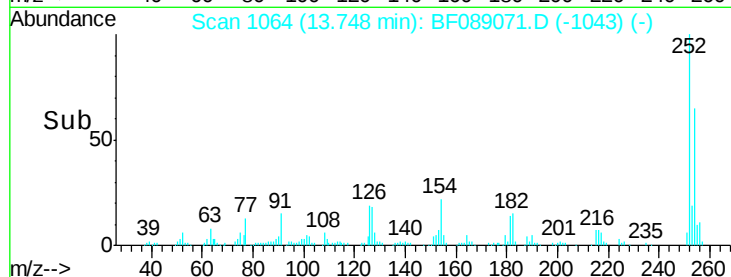
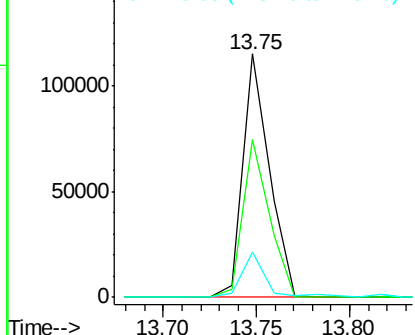
#81
 3,3'-Dichlorobenzidine
 Concen: 32.43 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 114483
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.6 78.8
 126 18.5 6.2 9.2#

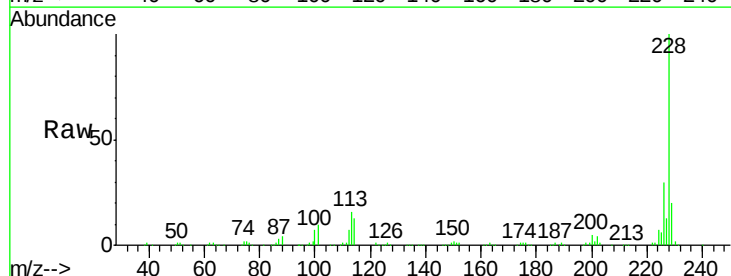


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

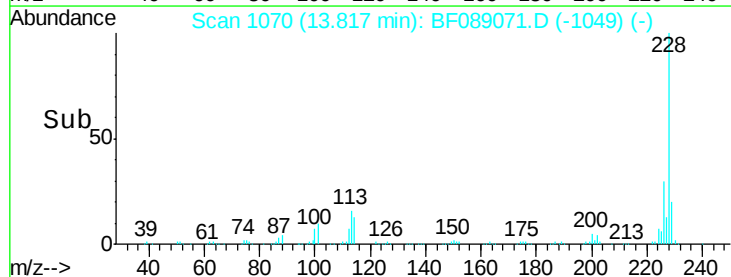
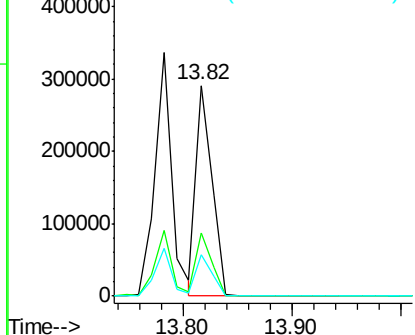


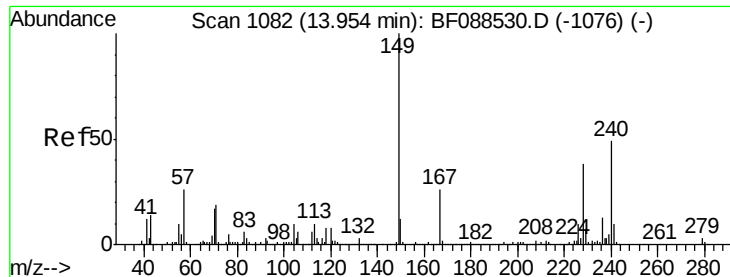
#82
 Chrysene
 Concen: 32.13 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion:228 Resp: 298467
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.2
 229 19.8 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.37 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

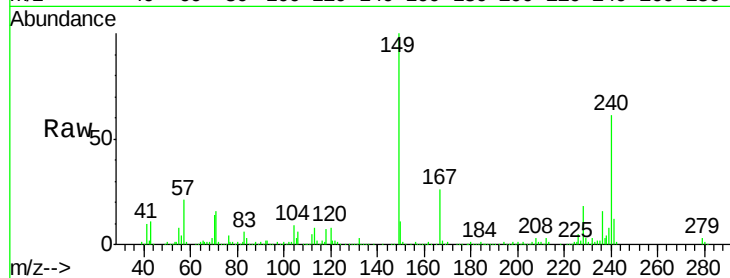
Tot Ion:149 Resp: 273087

Ion Ratio Lower Upper

149 100

167 26.5 20.5 30.7

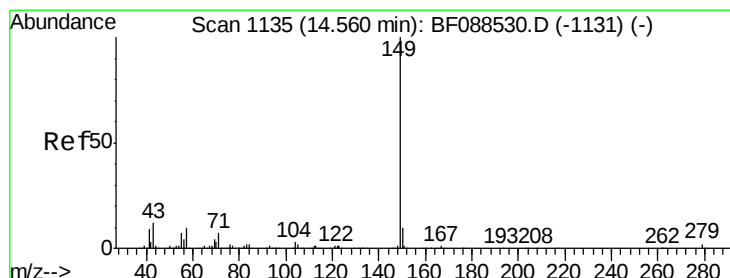
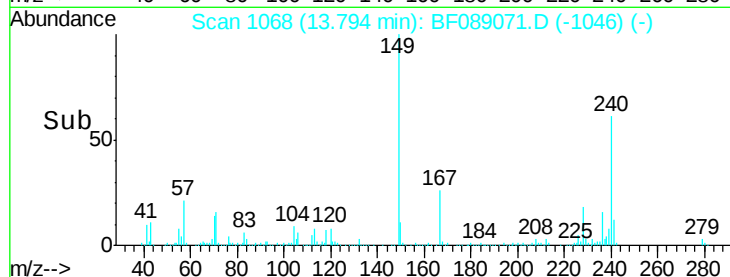
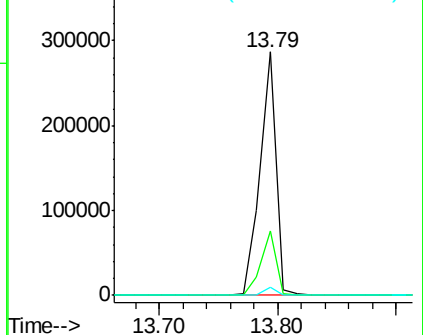
279 3.2 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.64 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

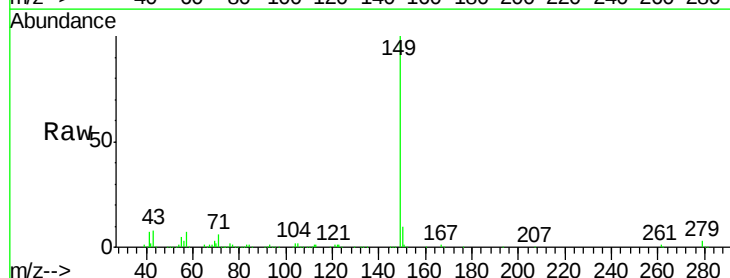
Tgt Ion:149 Resp: 424044

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

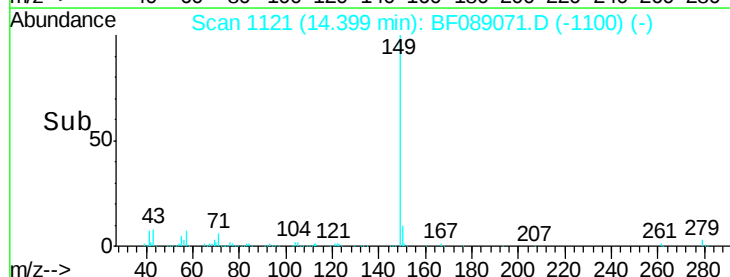
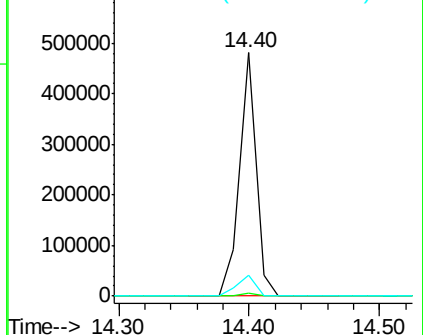
43 9.2 0.0 0.0#

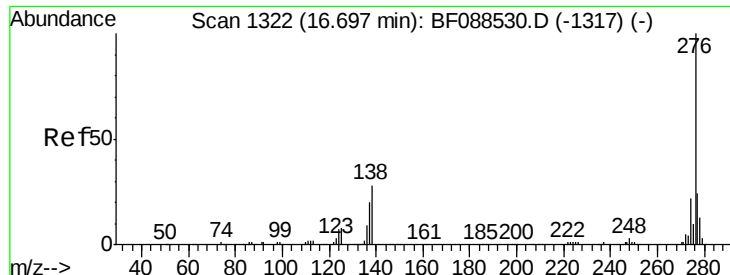


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

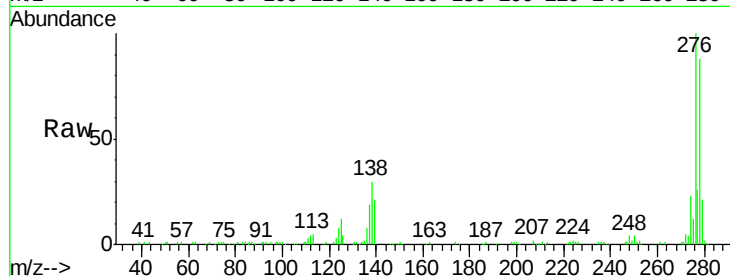




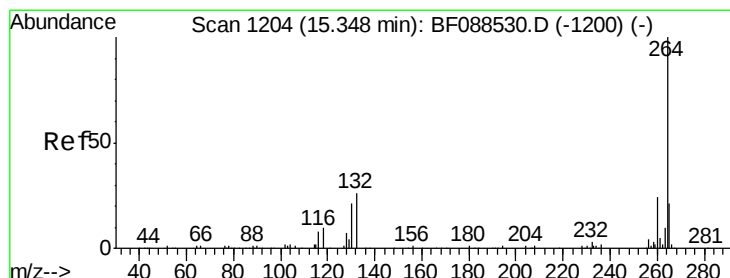
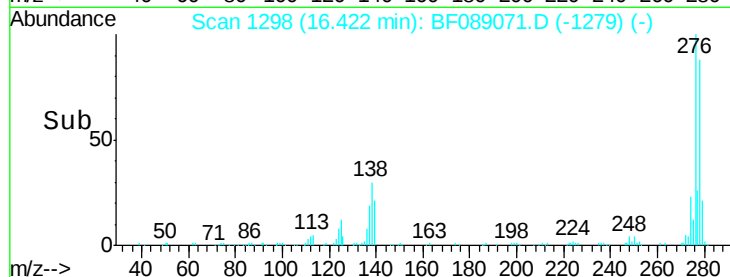
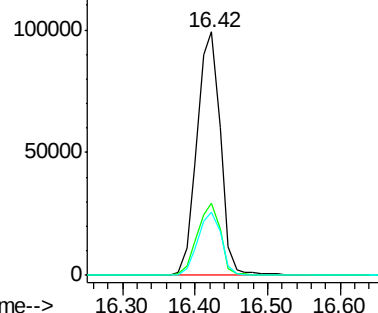
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.24 ng
 RT: 16.42 min Scan# 1298
 Delta R.T. -0.08 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	0.0	0.0#
277	26.1	0.0	0.0#

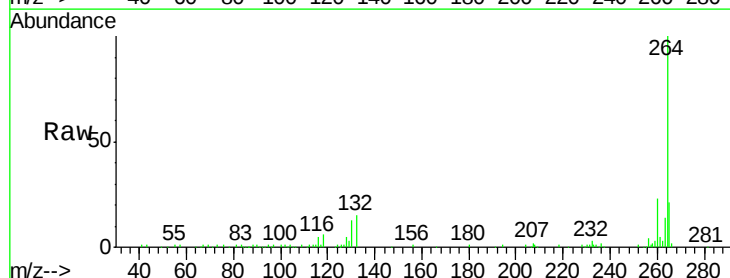


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

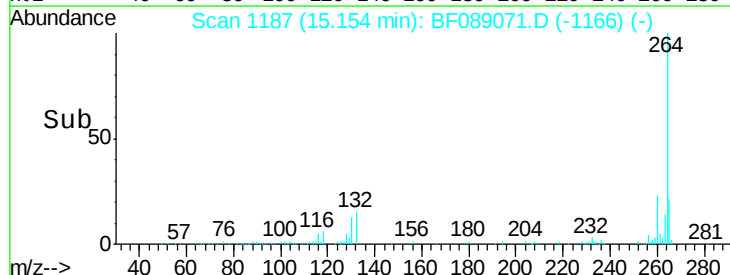
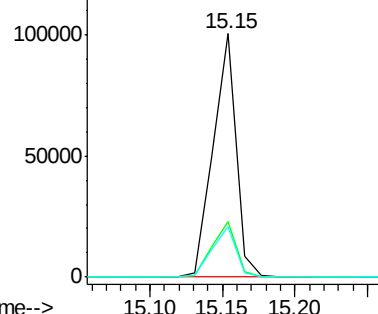


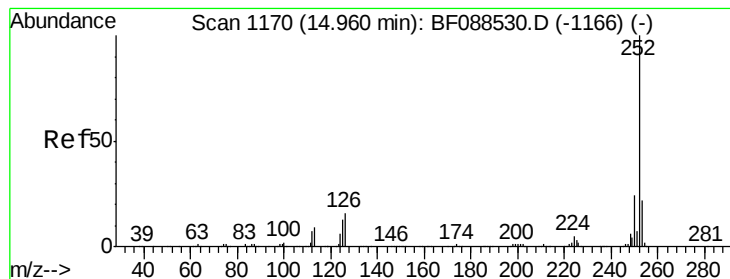
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. -0.06 min
 Lab File: BF089071.D
 Acq: 17 Jul 2016 11:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	16.9	25.3



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: 82.16 ng

RT: 14.81 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

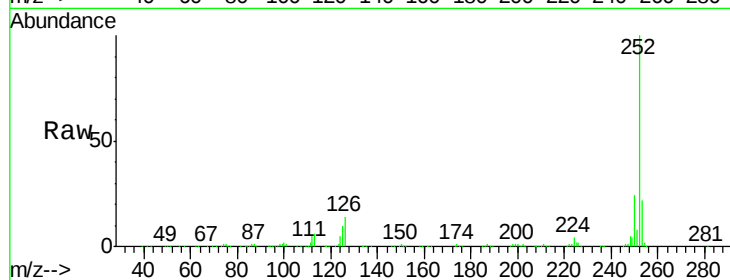
Tot Ion:252 Resp: 569107

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

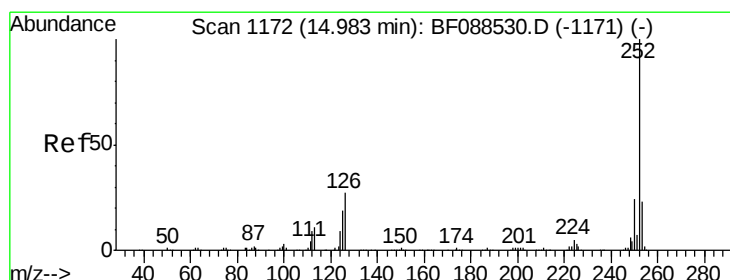
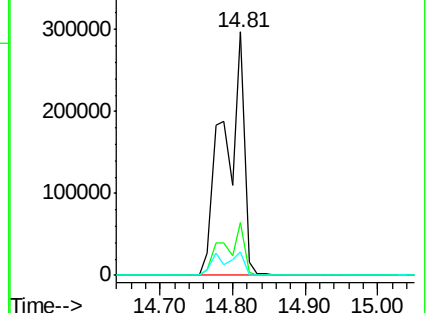
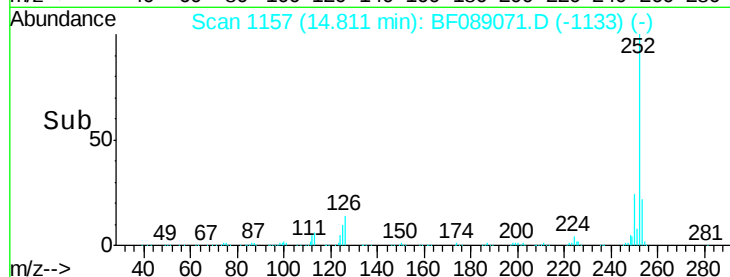
125 9.6 7.1 10.7



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: 94.38 ng

RT: 14.81 min Scan# 1157

Delta R.T. -0.06 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

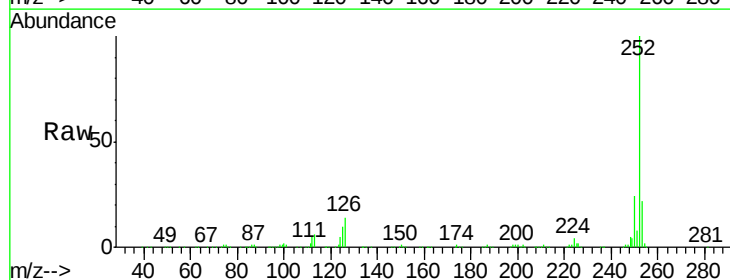
Tgt Ion:252 Resp: 569107

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

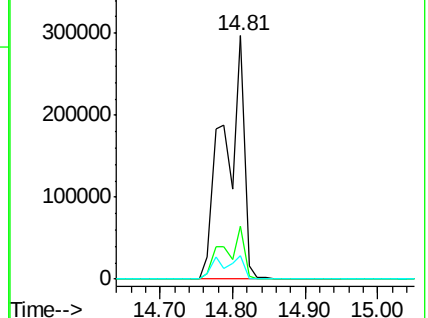
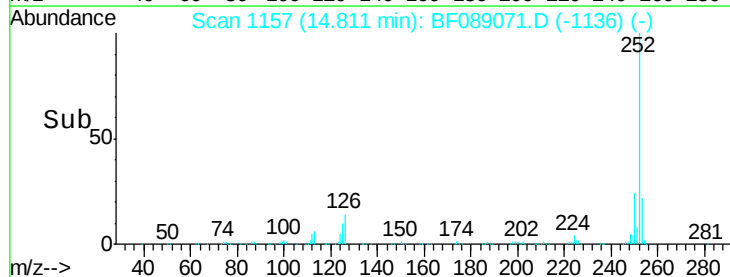
125 9.6 11.2 16.8#

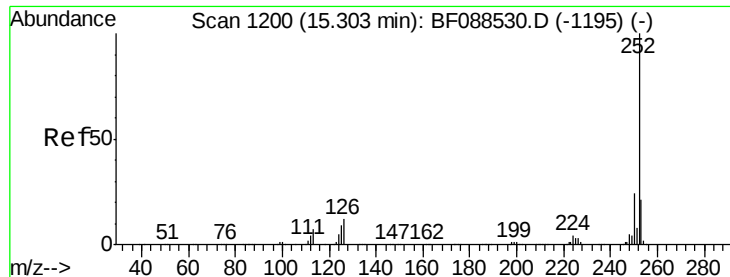


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

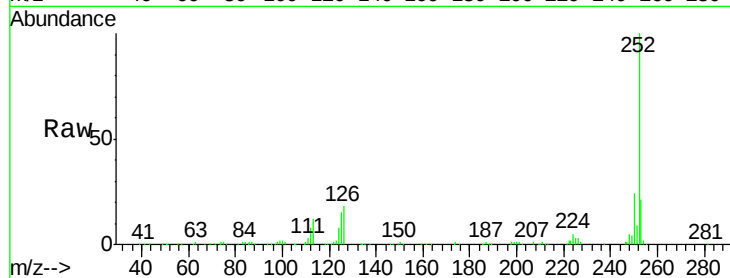




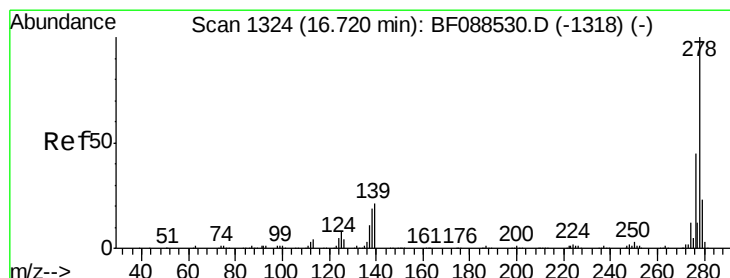
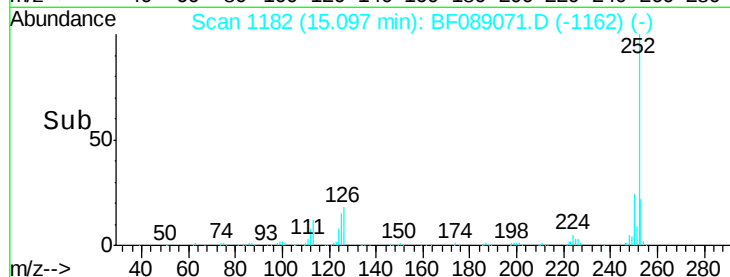
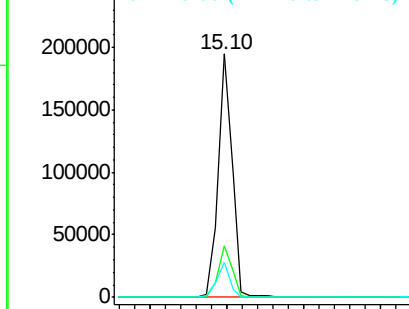
#89
Benzo(a)pyrene
Concen: 42.21 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.07 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 247569
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 14.5 12.5 18.7

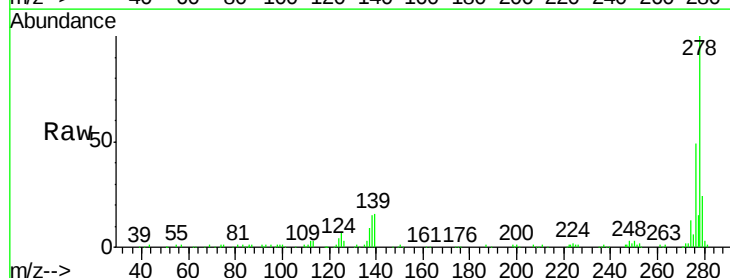


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

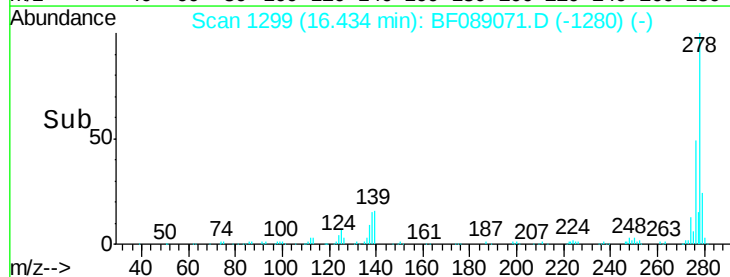
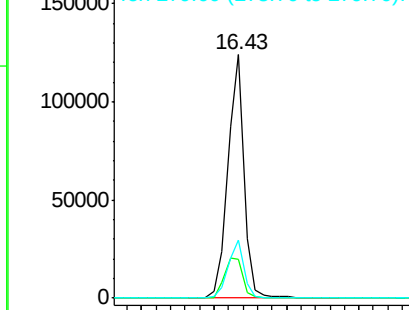


#90
Dibenzo(a,h)anthracene
Concen: 39.18 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.08 min
Lab File: BF089071.D
Acq: 17 Jul 2016 11:38

Tgt Ion:278 Resp: 191862
Ion Ratio Lower Upper
278 100
139 15.8 15.7 23.5
279 23.7 19.4 29.2



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: 37.68 ng

RT: 16.80 min Scan# 1331

Delta R.T. -0.09 min

Lab File: BF089071.D

Acq: 17 Jul 2016 11:38

Instrument :

BNA_F

ClientSampleId :

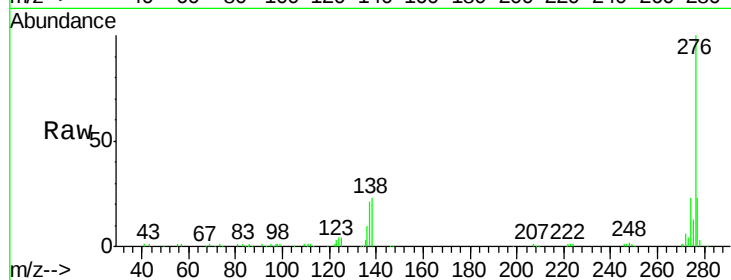
Tot Ion: 276 Resp: 190931

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 23.2 21.4 32.2



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

