

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086729.D
 Acq On : 6 May 2016 17:40
 Operator : UM/SJ
 Sample : PB90268BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 03:24:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	154577	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	640054	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	300091	40.00	ng	0.00
63) Phenanthrene-d10	11.23	188	562973	40.00	ng	0.00
75) Chrysene-d12	13.86	240	421247	40.00	ng	0.00
86) Perylene-d12	15.23	264	316861	40.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1065105	114.07	ng	0.01
7) Phenol-d6	6.38	99	1502905	119.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	1014944	81.49	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	427429	145.60	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1702503	93.00	ng	0.00
78) Terphenyl-d14	12.81	244	1346221	64.59	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	156140	32.35	ng	# 75
3) Pyridine	3.16	79	365604	30.89	ng	# 69
4) n-Nitrosodimethylamine	2.99	42	292043	40.69	ng	# 52
6) Aniline	6.38	93	223687	14.41	ng	# 1
8) 2-Chlorophenol	6.50	128	424052	37.84	ng	# 79
9) Benzaldehyde	6.27	77	47921	7.64	ng	96
10) Phenol	6.40	94	575003	41.79	ng	84
11) bis(2-Chloroethyl)ether	6.45	93	415672	35.10	ng	84
12) 1,3-Dichlorobenzene	6.73	146	471566	39.64	ng	97
13) 1,4-Dichlorobenzene	6.73	146	473051	38.45	ng	97
14) 1,2-Dichlorobenzene	6.88	146	389758	36.39	ng	96
15) Benzyl Alcohol	6.88	79	370172	45.49	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	853430	35.24	ng	81
17) 2-Methylphenol	6.99	107	343789	38.11	ng	# 80
18) Hexachloroethane	7.22	117	178958	38.53	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	343664	39.99	ng	# 78
20) 3+4-Methylphenols	7.15	107	443290	41.96	ng	# 67
22) Acetophenone	7.14	105	613915	41.16	ng	99
24) Nitrobenzene	7.30	77	455318	35.36	ng	95
25) Isophorone	7.56	82	901830	38.88	ng	97
26) 2-Nitrophenol	7.62	139	228829	39.83	ng	# 75
27) 2,4-Dimethylphenol	7.68	122	413548	40.99	ng	92
28) bis(2-Chloroethoxy)methane	7.76	93	522273	40.91	ng	98
29) 2,4-Dichlorophenol	7.87	162	378806	43.67	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	384979	39.78	ng	97
31) Naphthalene	8.02	128	1302163	39.82	ng	99
32) Benzoic acid	7.84	122	263901	63.71	ng	# 85
33) 4-Chloroaniline	8.09	127	85895	6.78	ng	96
34) Hexachlorobutadiene	8.13	225	209883	38.20	ng	99
35) Caprolactam	8.50	113	59737	22.25	ng	# 61
36) 4-Chloro-3-methylphenol	8.58	107	396817	40.10	ng	92
37) 2-Methylnaphthalene	8.70	142	796223	41.27	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	357154	41.12	ng	# 97
40) Hexachlorocyclopentadiene	8.86	237	452259	110.43	ng	95

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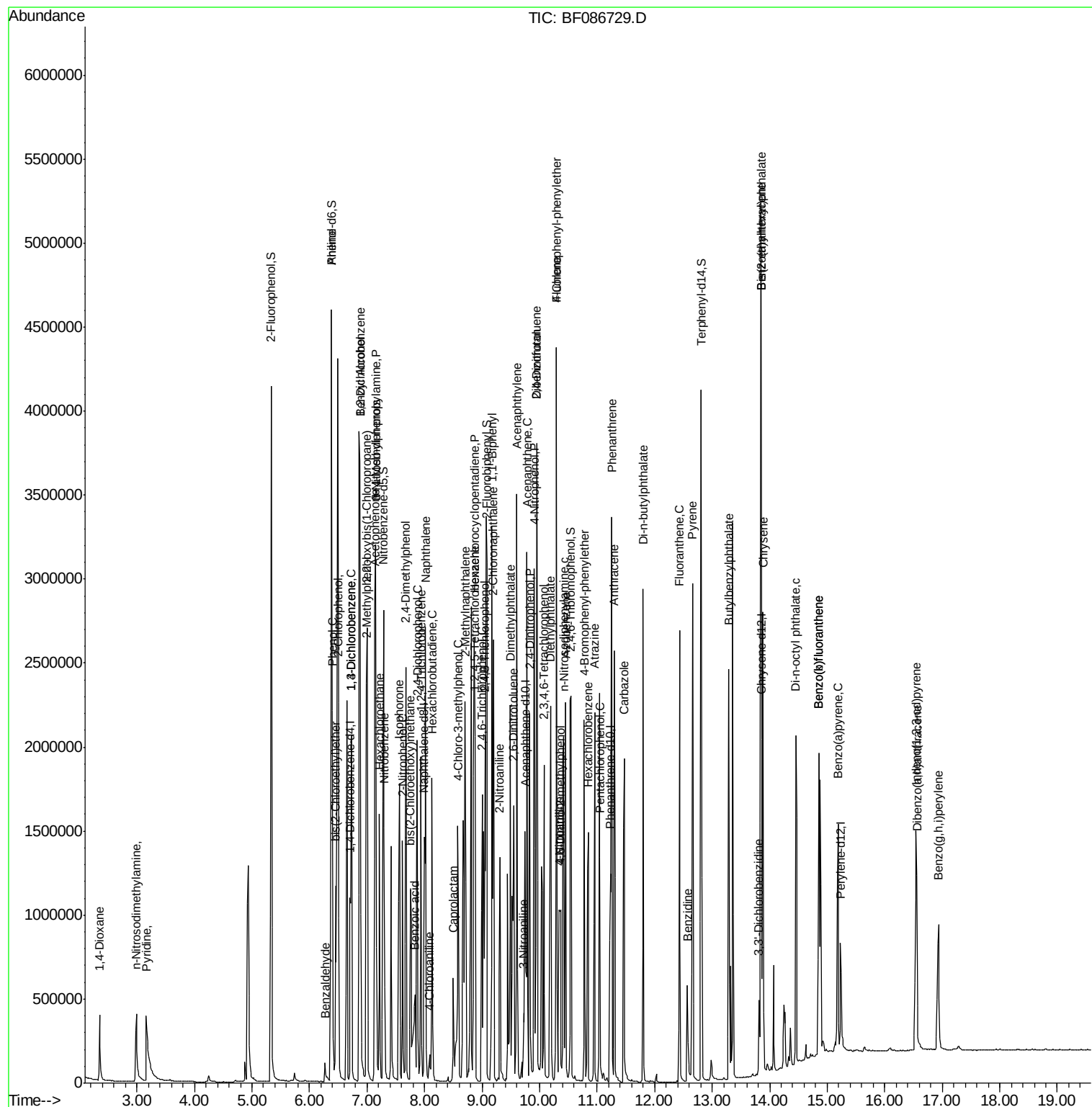
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	263299	47.67	nq	92
43) 2,4,5-Trichlorophenol	9.05	196	256404	44.43	nq #	90
45) 1,1'-Biphenyl	9.17	154	999229	40.73	nq	97
46) 2-Chloronaphthalene	9.20	162	746668	39.44	nq	94
47) 2-Nitroaniline	9.31	65	280811	41.72	nq	97
48) Acenaphthylene	9.61	152	1092052	38.86	nq	99
49) Dimethylphthalate	9.49	163	960211	42.92	nq	100
50) 2,6-Dinitrotoluene	9.55	165	221423	46.12	nq	90
51) Acenaphthene	9.78	154	689681	37.20	nq	99
52) 3-Nitroaniline	9.72	138	76100	13.94	nq	97
53) 2,4-Dinitrophenol	9.82	184	220369	97.72	nq #	76
54) Dibenzofuran	9.95	168	978508	42.58	nq	92
55) 4-Nitrophenol	9.90	139	245183	77.05	nq #	40
56) 2,4-Dinitrotoluene	9.95	165	241428	40.58	nq #	71
57) Fluorene	10.29	166	720564	38.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	205400	48.46	nq	96
59) Diethylphthalate	10.19	149	938948	44.34	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	384036	43.37	nq #	85
61) 4-Nitroaniline	10.34	138	177813	33.91	nq #	70
62) Azobenzene	10.45	77	1065442	45.41	nq	88
64) 4,6-Dinitro-2-methylphenol	10.36	198	164993	55.08	nq	92
65) n-Nitrosodiphenylamine	10.42	169	738659	41.32	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	215768	38.57	nq #	86
67) Hexachlorobenzene	10.84	284	284529	41.70	nq	99
68) Atrazine	10.96	200	247208	45.13	nq	95
69) Pentachlorophenol	11.05	266	315419	94.16	nq	97
70) Phenanthrene	11.25	178	1260022	41.67	nq	99
71) Anthracene	11.30	178	1180905	37.29	nq	100
72) Carbazole	11.47	167	1127194	40.99	nq	99
73) Di-n-butylphthalate	11.80	149	1355868	41.53	nq #	99
74) Fluoranthene	12.43	202	1153645	38.07	nq	99
76) Benzidine	12.57	184	313088	30.22	nq	96
77) Pyrene	12.66	202	1146348	34.13	nq	99
79) Butylbenzylphthalate	13.29	149	510586	36.30	nq #	69
80) Benzo(a)anthracene	13.85	228	927933	38.95	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	115616	7.72	nq	99
82) Chrysene	13.88	228	902955	35.53	nq	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	638247	39.21	nq #	95
84) Di-n-octyl phthalate	14.45	149	1125983	47.01	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.55	276	692191	31.74	nq	95
87) Benzo(b)fluoranthene	14.85	252	1613271	84.73	nq #	97
88) Benzo(k)fluoranthene	14.85	252	1616573	90.11	nq	99
89) Benzo(a)pyrene	15.19	252	749258	42.72	nq	97
90) Dibenzo(a,h)anthracene	16.56	278	580019	34.43	nq #	93
91) Benzo(g,h,i)perylene	16.93	276	589322	33.32	nq #	90

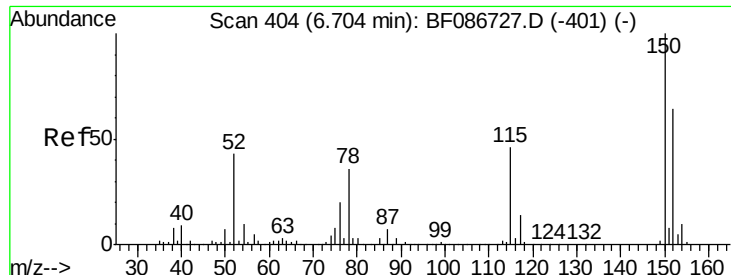
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

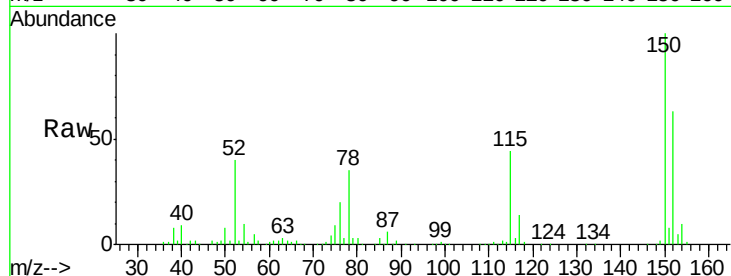
Tot Ion:152 Resp: 154577

Ion Ratio Lower Upper

152 100

150 158.1 125.8 188.6

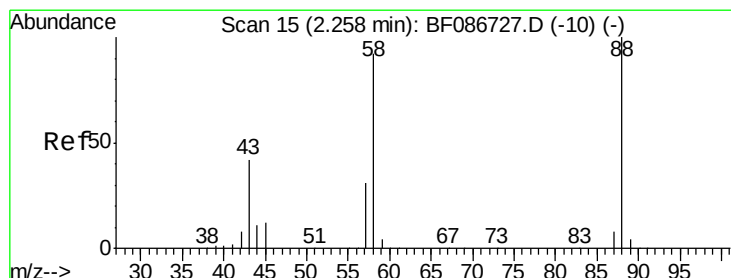
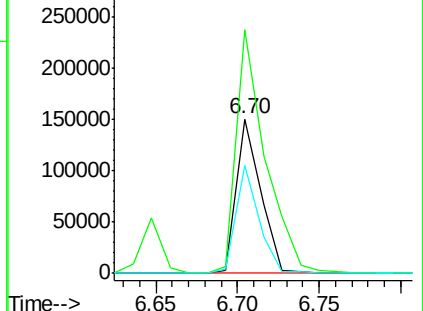
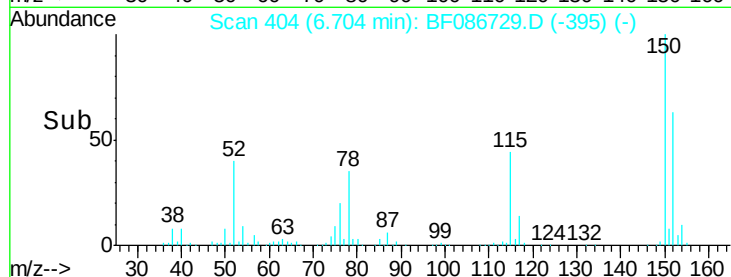
115 70.3 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.35 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.09 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

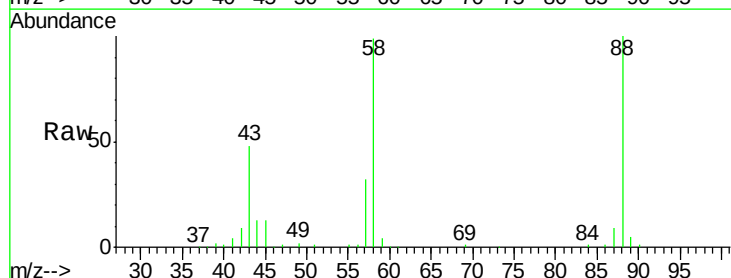
Tgt Ion: 88 Resp: 156140

Ion Ratio Lower Upper

88 100

58 93.5 59.6 89.4#

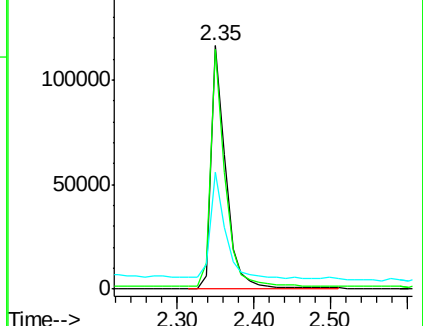
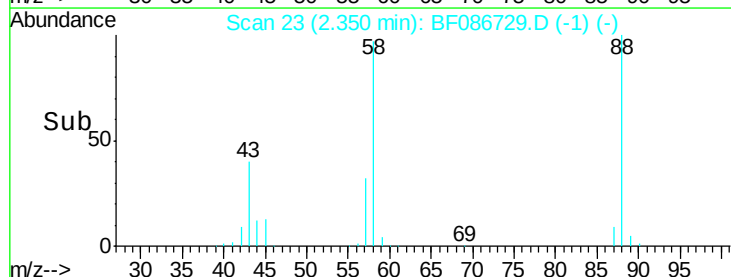
43 43.7 21.8 32.6#

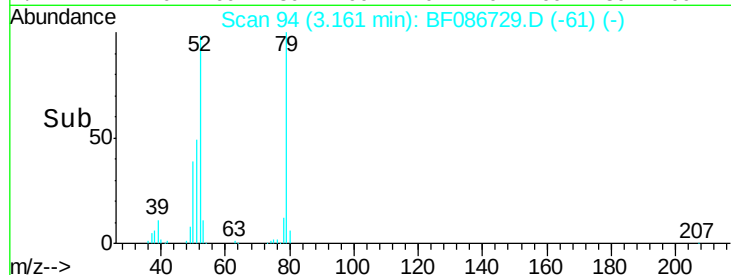
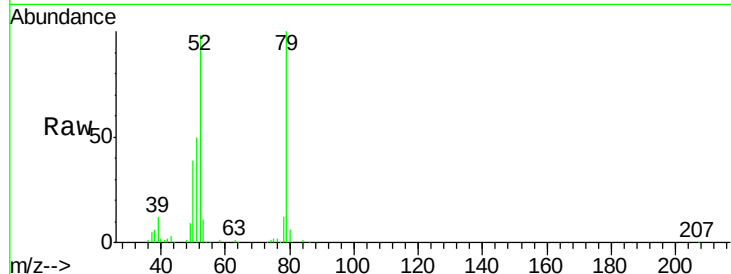
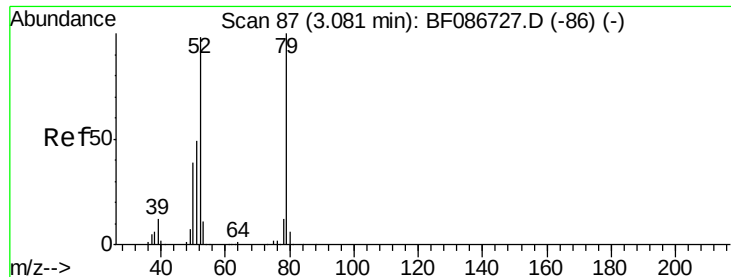


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

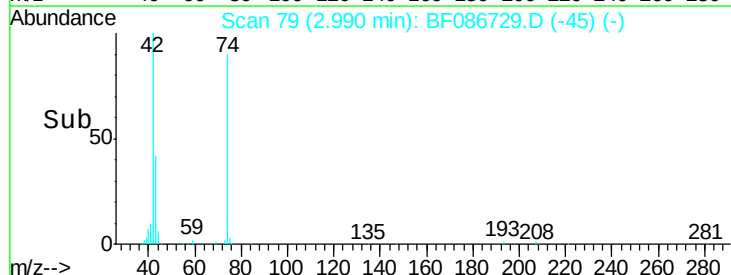
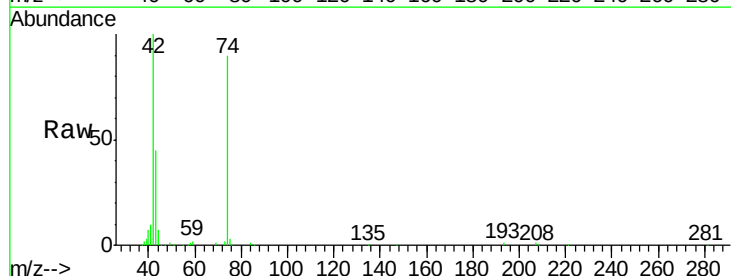
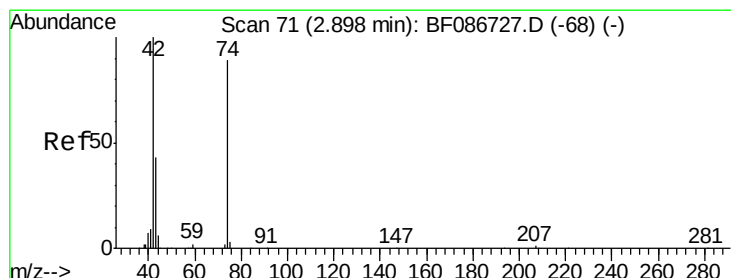
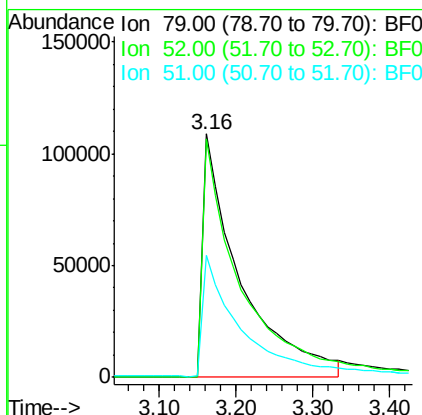




#3
 Pvridine
 Concen: 30.89 ng
 RT: 3.16 min Scan# 94
 Delta R.T. 0.08 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

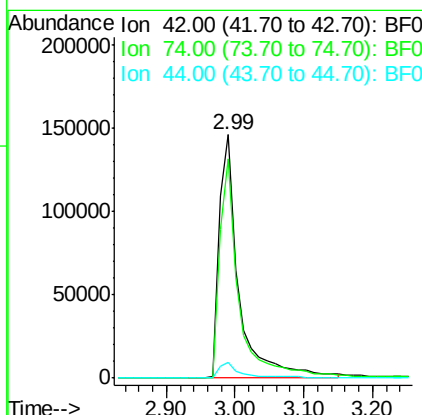
Instrument :
 BNA_F
 ClientSampleId :

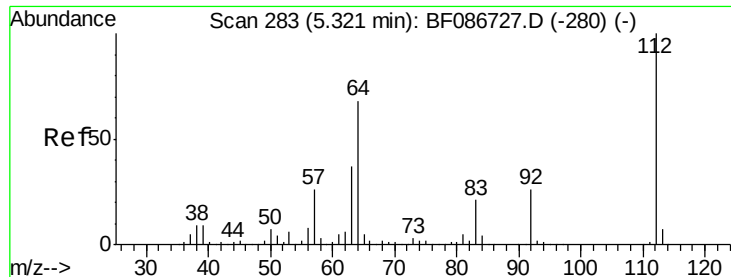
Tot Ion	Ratio	Lower	Upper
79	100		
52	98.0	55.9	83.9#
51	50.0	28.1	42.1#



#4
 n-Nitrosodimethylamine
 Concen: 40.69 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.09 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.9	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 114.07 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

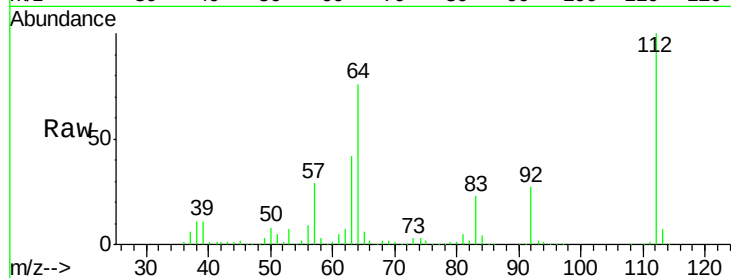
Tot Ion:112 Resp: 1065105

Ion Ratio Lower Upper

112 100

64 76.2 52.1 78.1

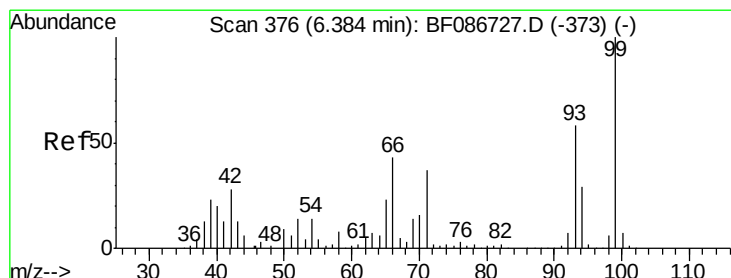
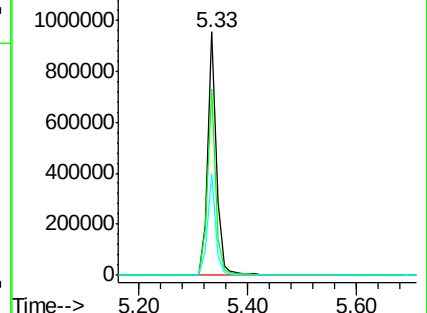
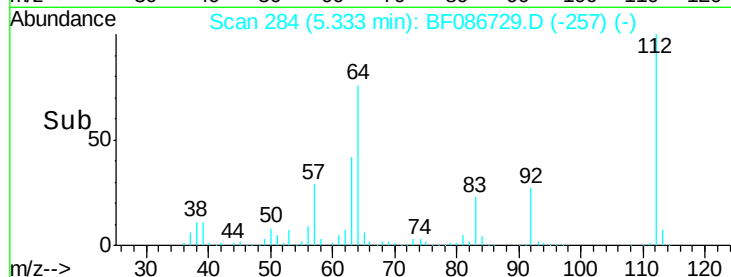
63 41.8 25.7 38.5#



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: 14.41 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

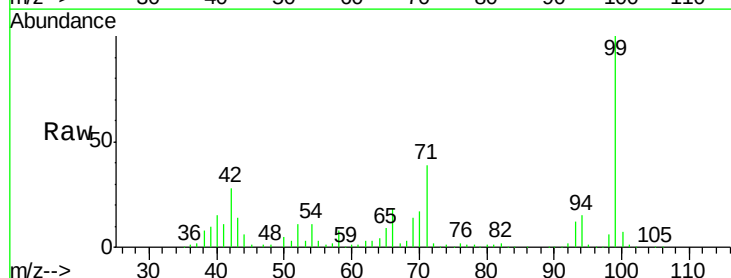
Tgt Ion: 93 Resp: 223687

Ion Ratio Lower Upper

93 100

66 145.1 39.0 58.6#

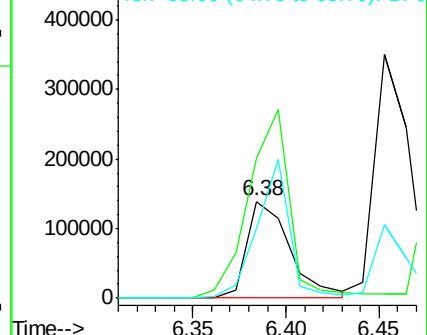
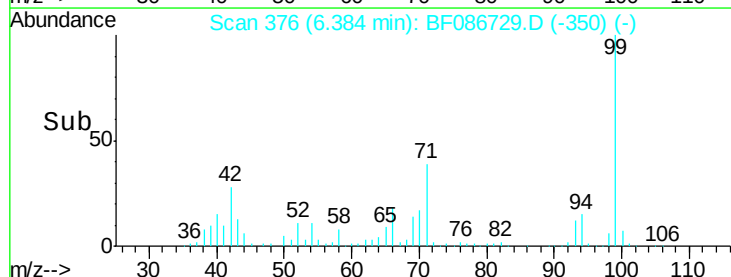
65 72.4 20.6 31.0#

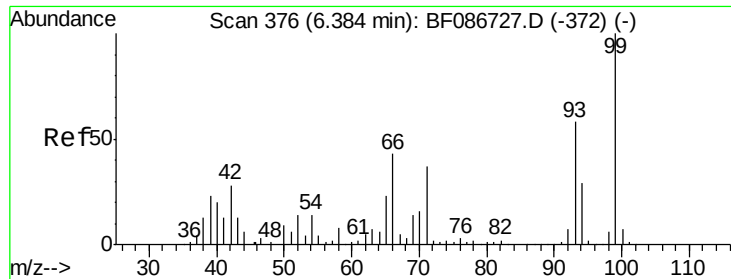


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.49 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampled :

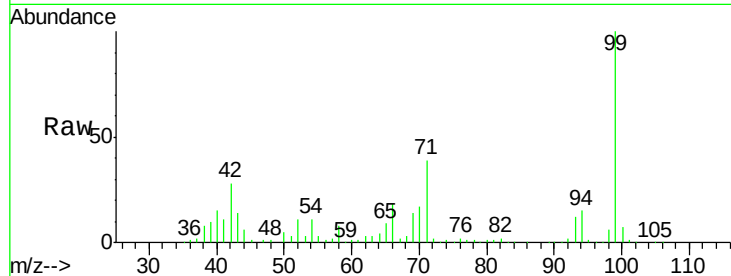
Tot Ion: 99 Resp: 1502905

Ion Ratio Lower Upper

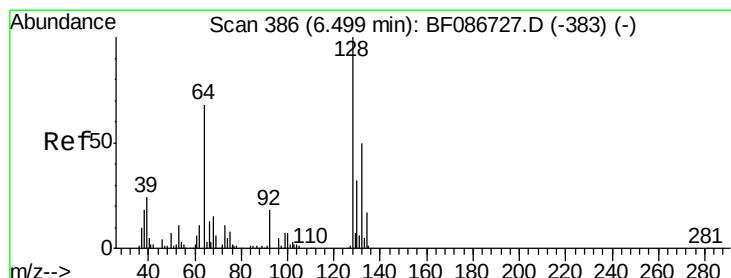
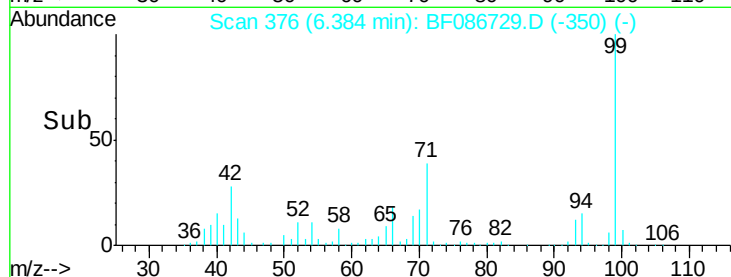
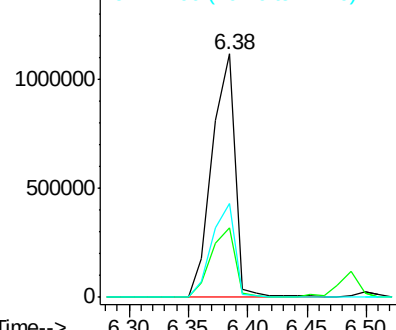
99 100

42 28.3 13.6 20.4#

71 38.8 24.6 36.8#



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: 37.84 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

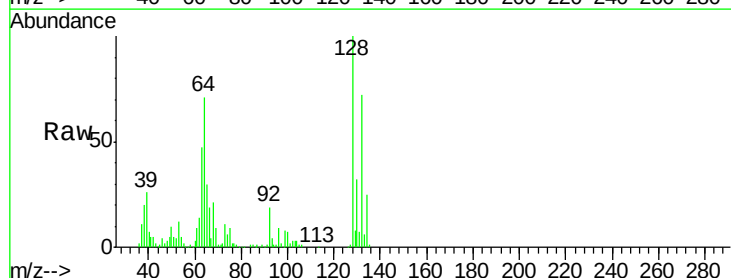
Tgt Ion: 128 Resp: 424052

Ion Ratio Lower Upper

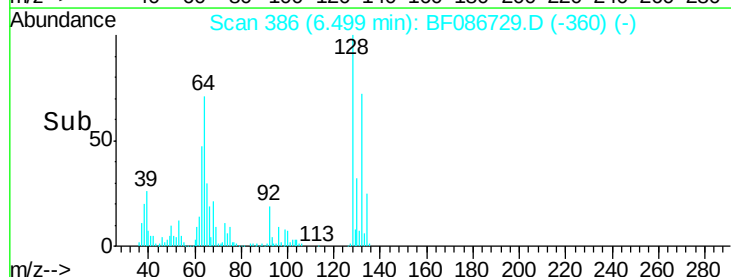
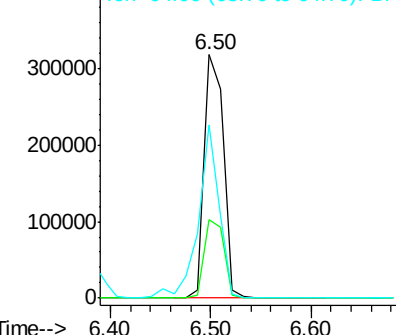
128 100

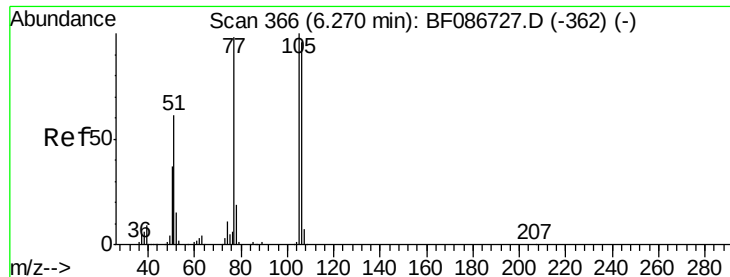
130 32.1 12.5 52.5

64 70.9 27.3 67.3#



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: 7.64 ng

RT: 6.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

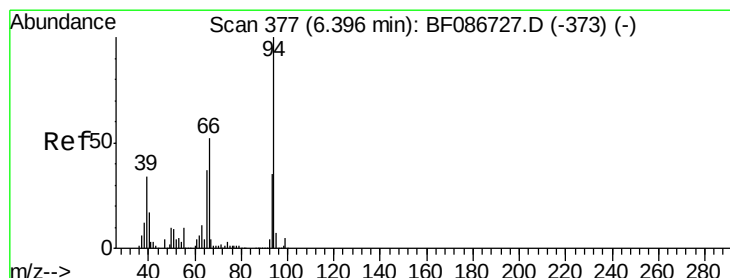
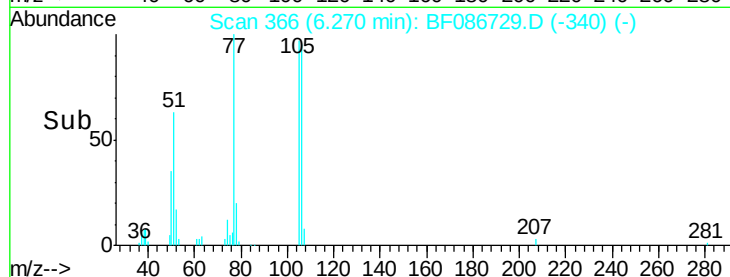
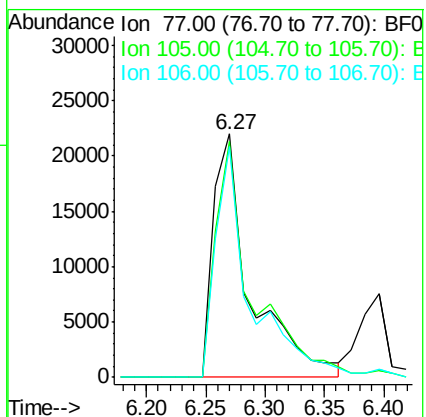
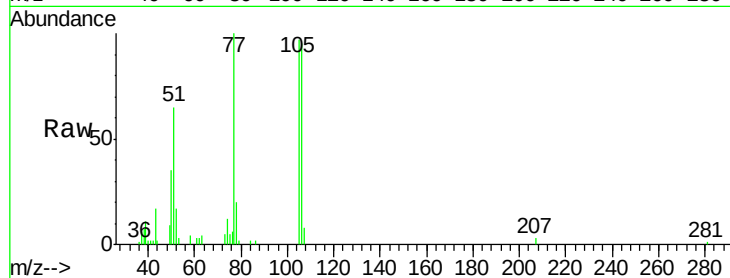
Tot Ion: 77 Resp: 47921

Ion Ratio Lower Upper

77 100

105 96.9 72.7 112.7

106 95.1 70.8 110.8



#10

Phenol

Concen: 41.79 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

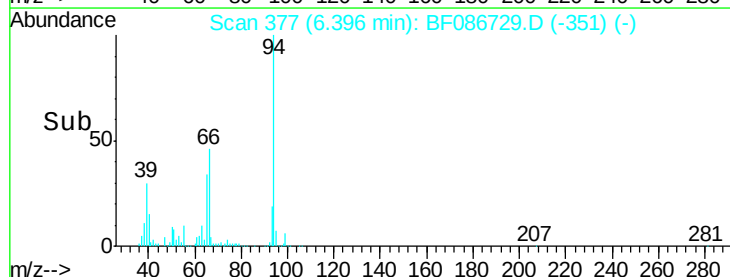
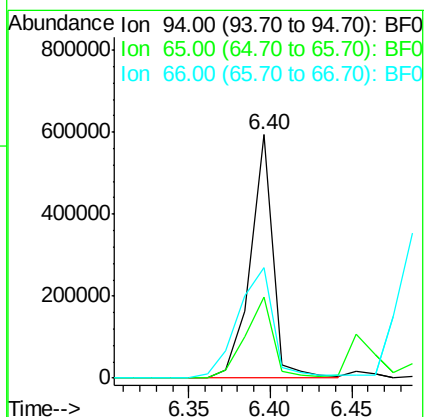
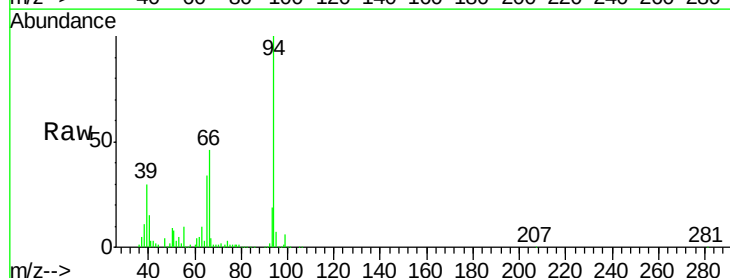
Tgt Ion: 94 Resp: 575003

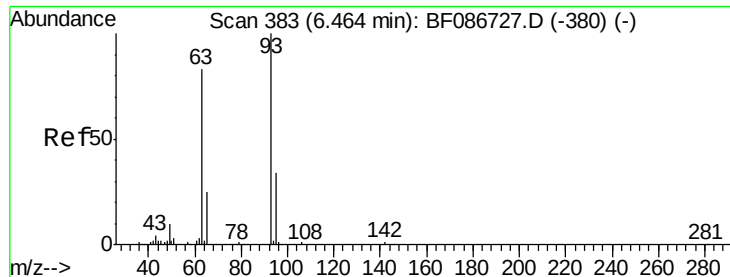
Ion Ratio Lower Upper

94 100

65 33.5 7.2 47.2

66 45.6 14.9 54.9

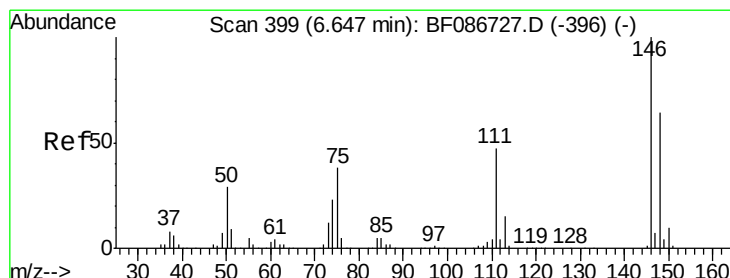
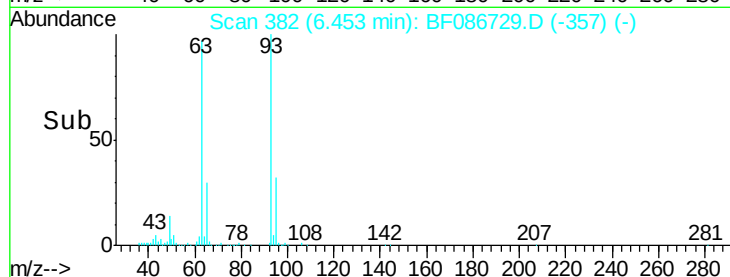
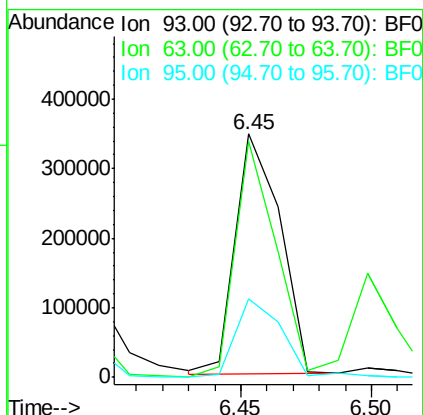
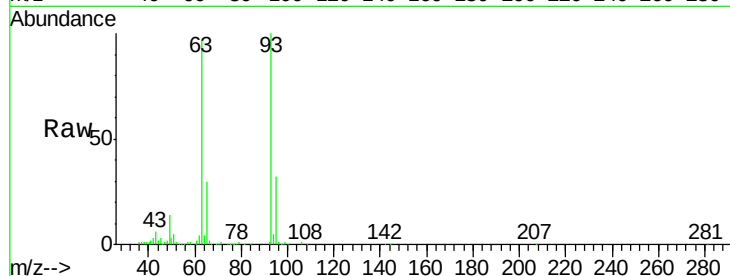




#11
bis(2-Chloroethyl)ether
Concen: 35.10 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

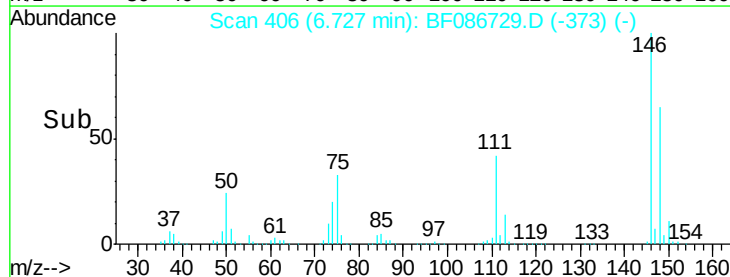
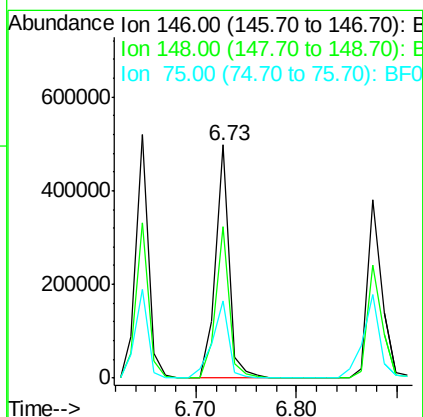
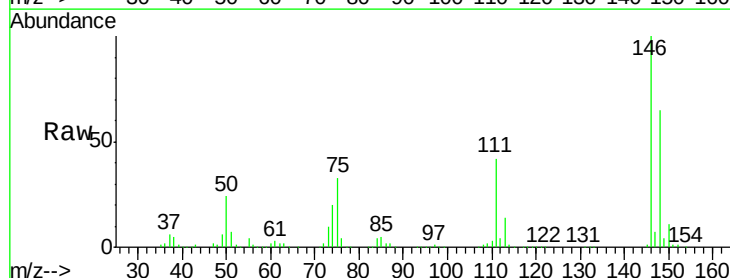
Instrument :
BNA_F
ClientSampleId :

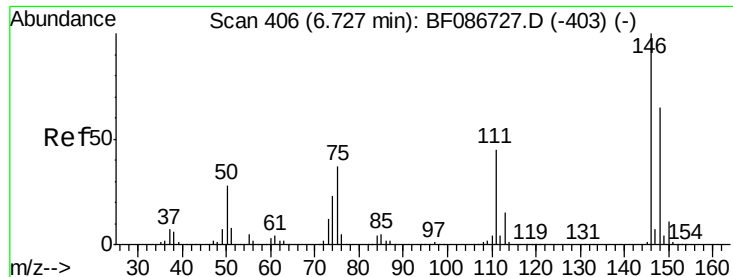
Tot Ion: 93 Resp: 415672
Ion Ratio Lower Upper
93 100
63 97.1 58.0 98.0
95 32.5 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 39.64 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.08 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion: 146 Resp: 471566
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
75 33.1 22.8 34.2

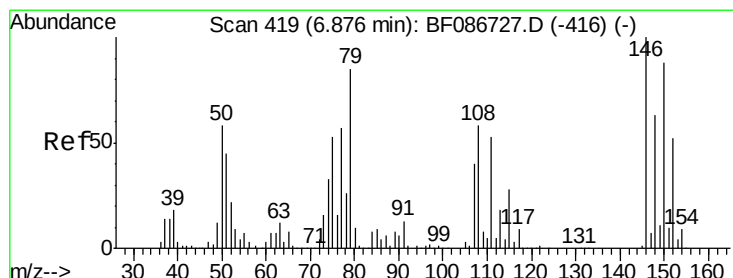
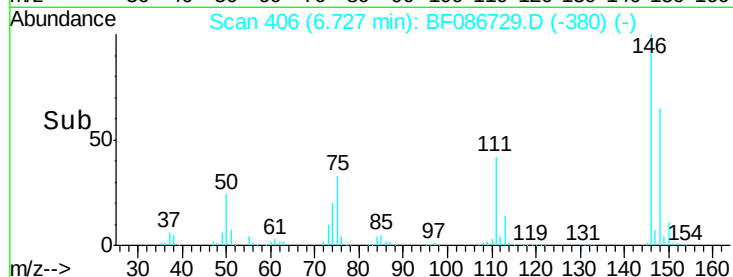
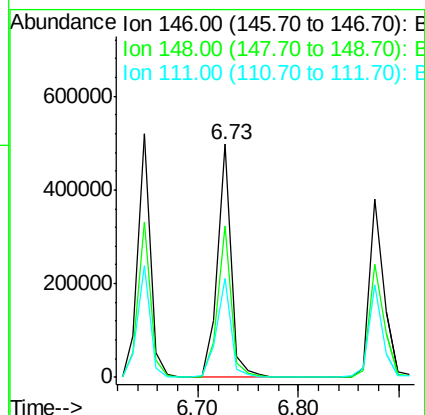
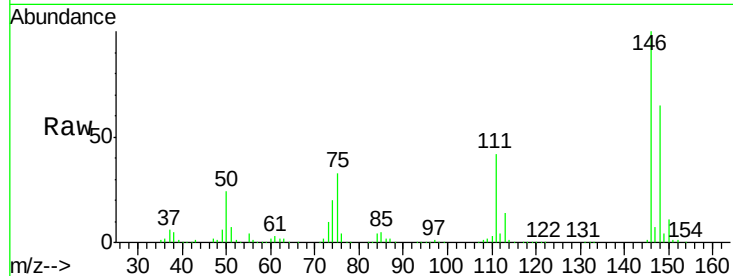




#13
 1,4-Dichlorobenzene
 Concen: 38.45 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

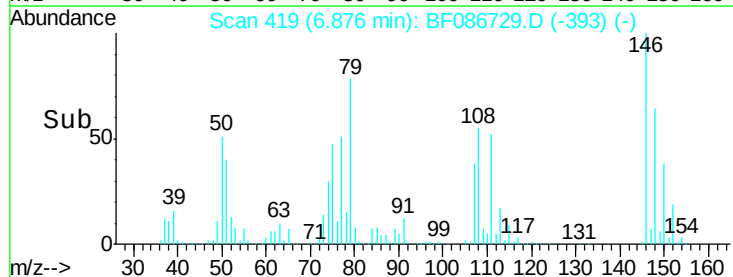
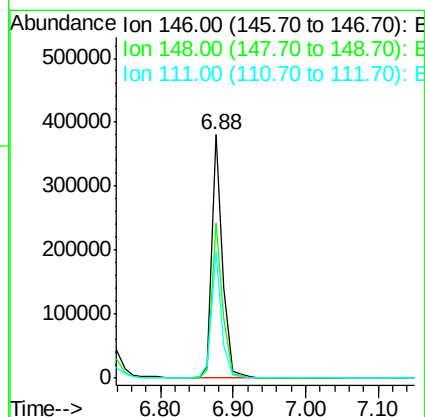
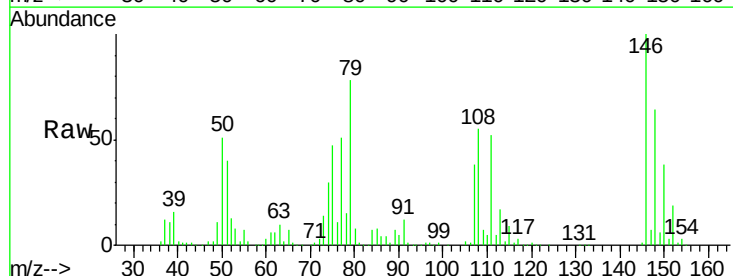
Instrument :
 BNA_F
 ClientSampleId :

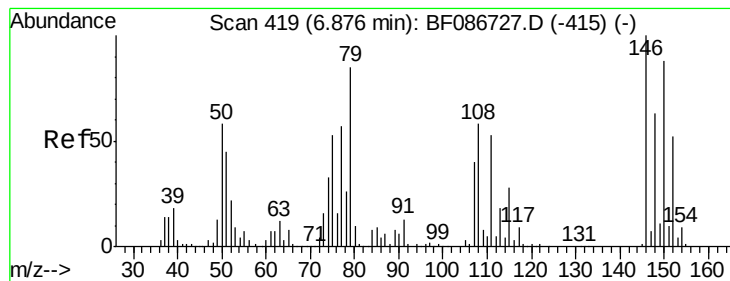
Tot Ion:146 Resp: 473051
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 42.3 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.39 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:146 Resp: 389758
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 51.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 45.49 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampled :

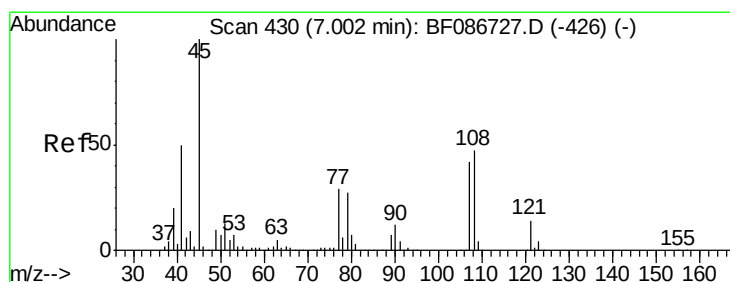
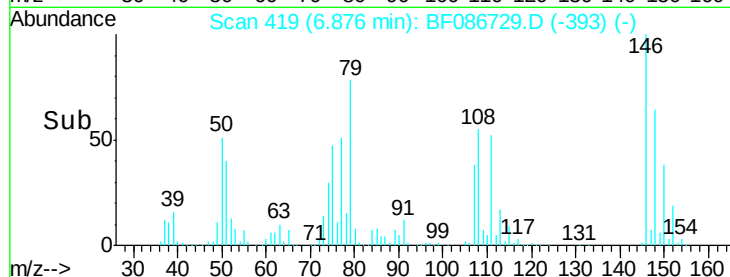
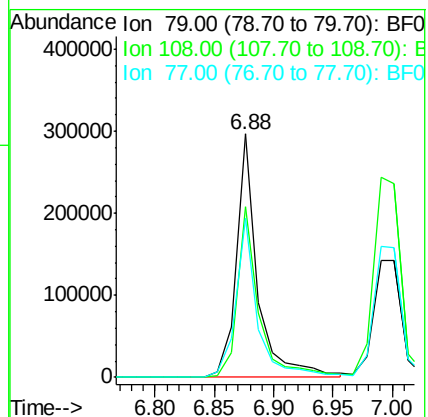
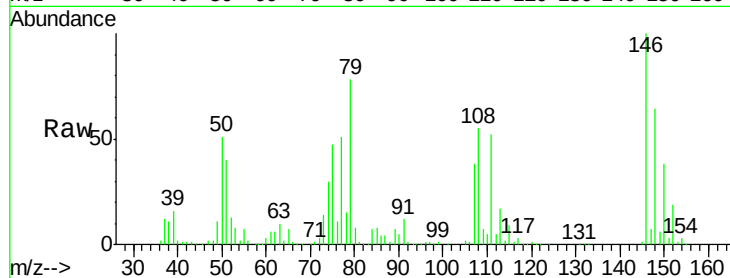
Tot Ion: 79 Resp: 370172

Ion Ratio Lower Upper

79 100

108 69.9 68.4 102.6

77 65.6 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.24 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

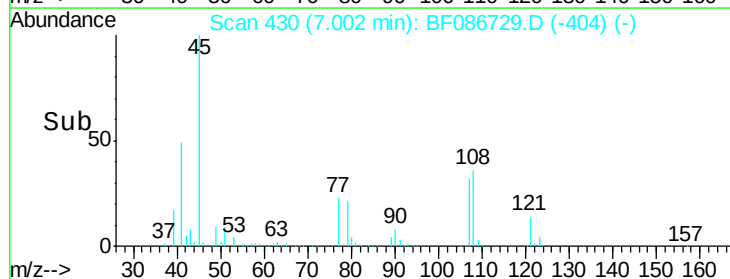
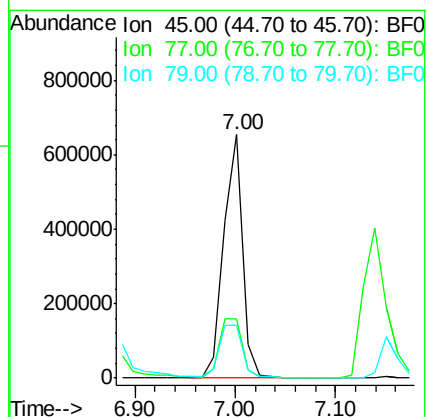
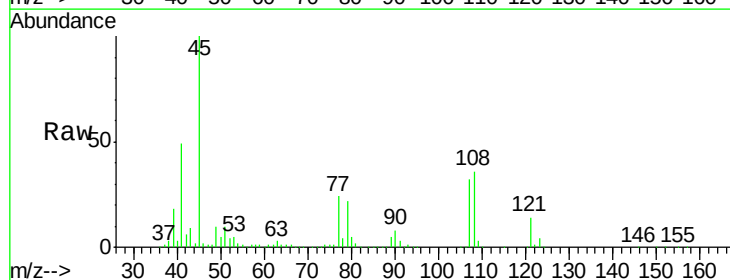
Tgt Ion: 45 Resp: 853430

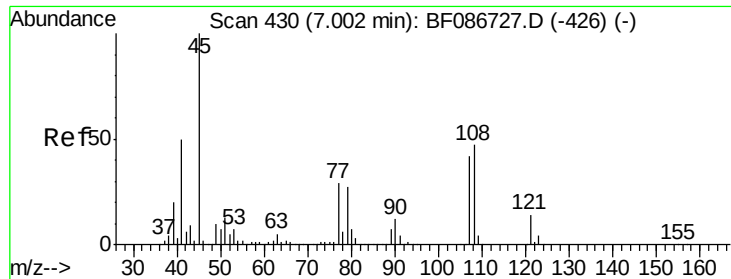
Ion Ratio Lower Upper

45 100

77 24.2 0.0 36.4

79 21.8 0.0 33.4

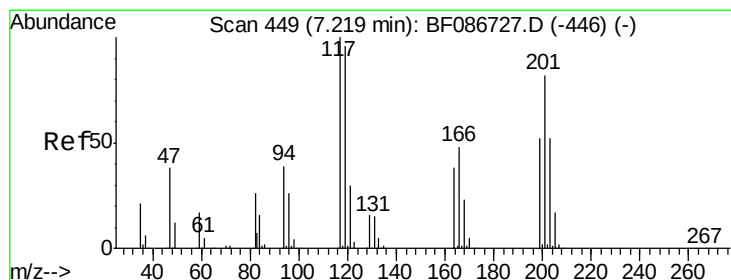
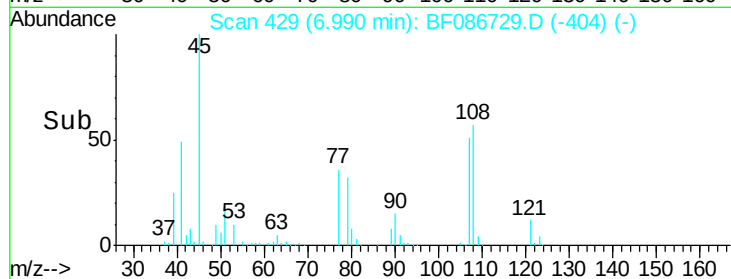
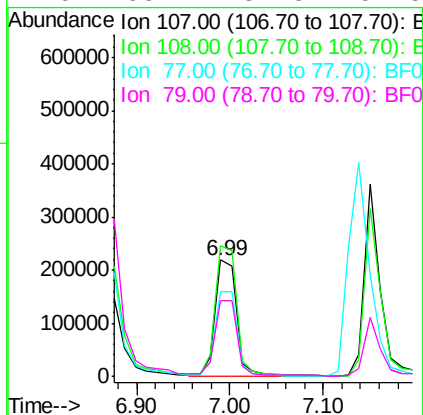
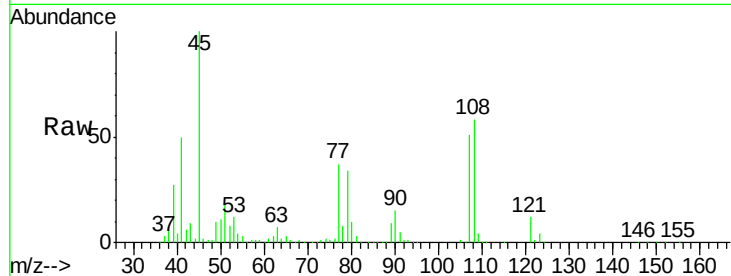




#17
2-Methylphenol
Concen: 38.11 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

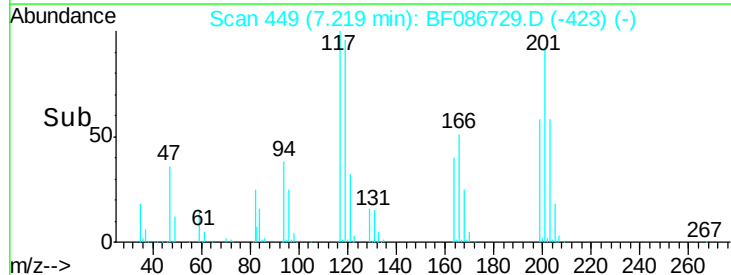
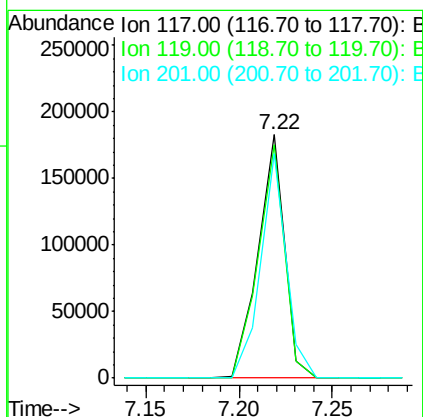
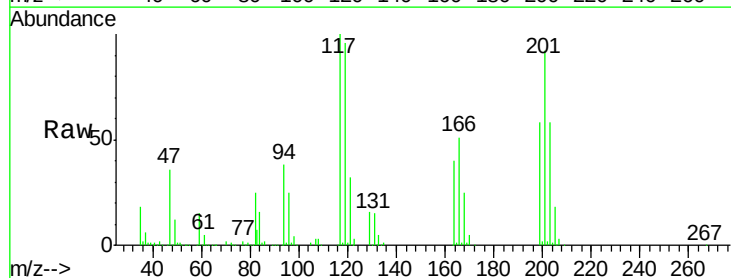
Instrument :
BNA_F
ClientSampleId :

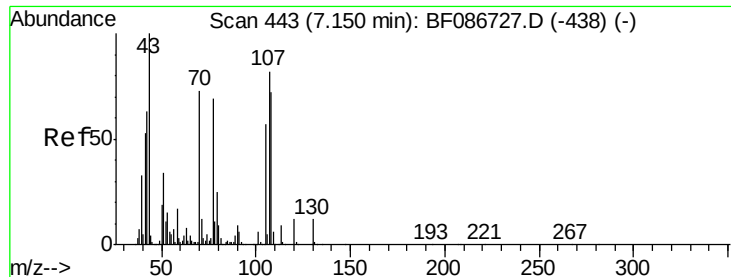
Tot Ion:107 Resp: 343789
Ion Ratio Lower Upper
107 100
108 112.0 93.7 140.5
77 72.9 33.4 50.0#
79 65.4 34.3 51.5#



#18
Hexachloroethane
Concen: 38.53 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:117 Resp: 178958
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 92.1 63.0 94.6

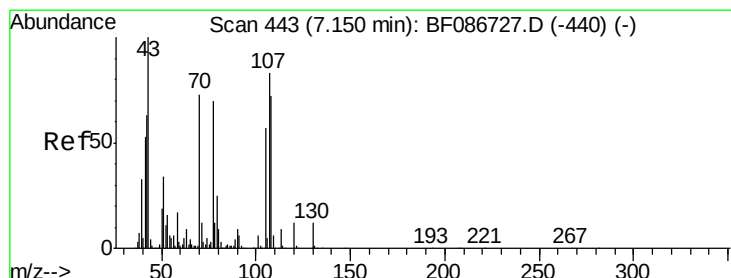
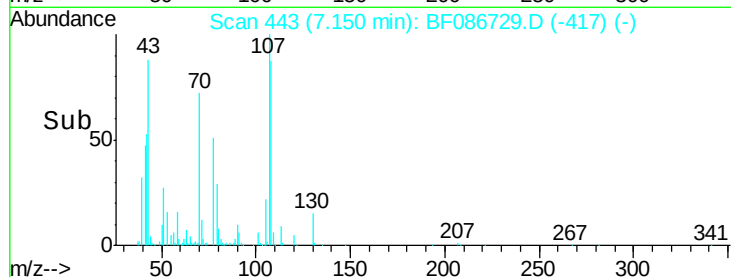
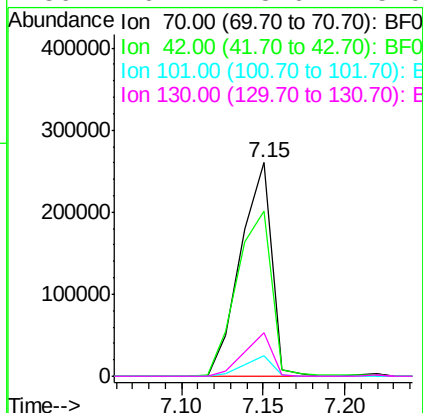
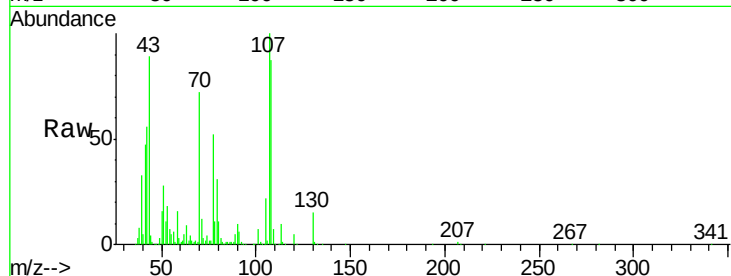




#19
n-Nitroso-di-n-propylamine
Concen: 39.99 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

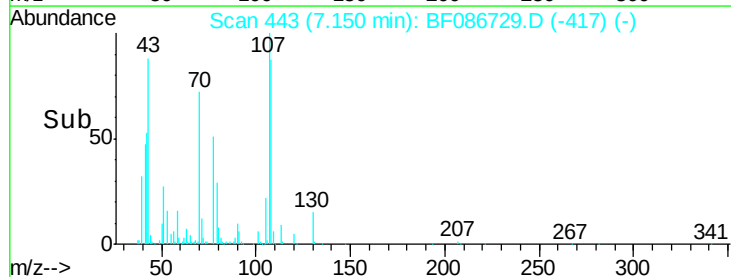
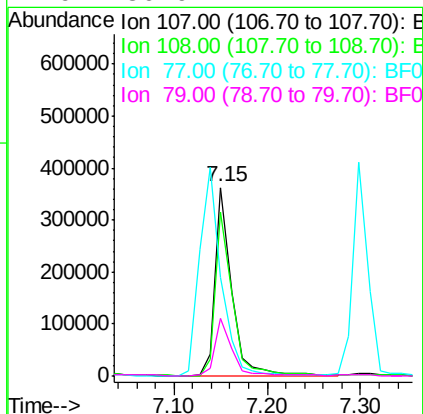
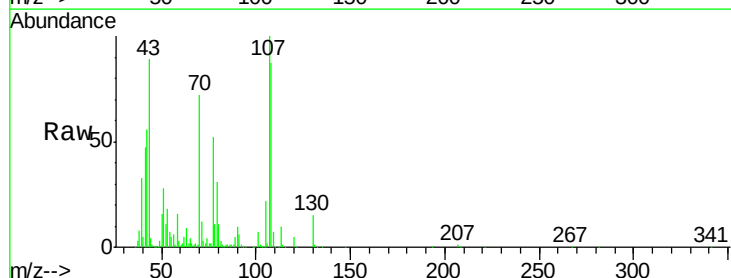
Instrument :
BNA_F
ClientSampleId :

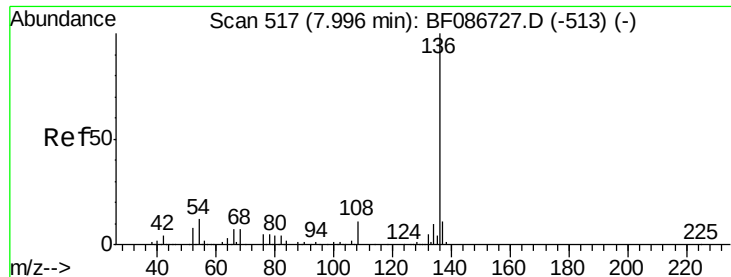
Tot Ion	Ratio	Lower	Upper
70	100		
42	77.4	43.1	64.7#
101	9.3	8.1	12.1
130	20.4	18.6	28.0



#20
3+4-Methylphenols
Concen: 41.96 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.5	108.5
77	52.5	101.6	141.6#
79	30.9	7.4	47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 640054

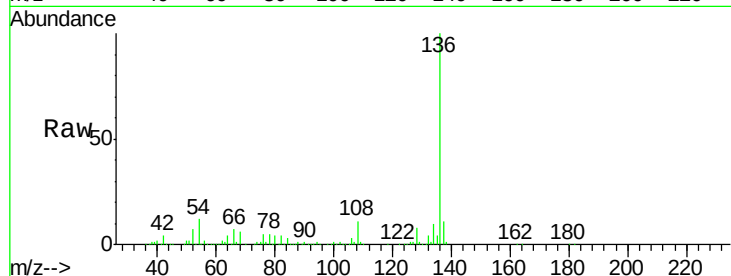
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.9 5.0 7.4#

68 6.4 4.4 6.6

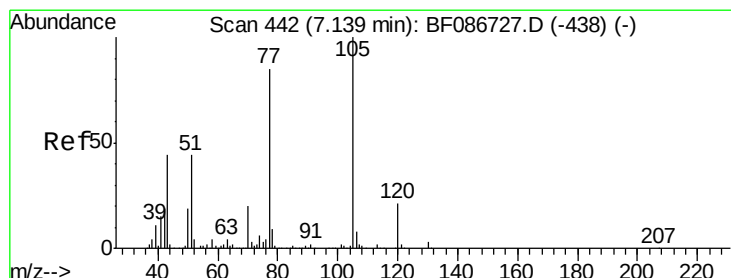
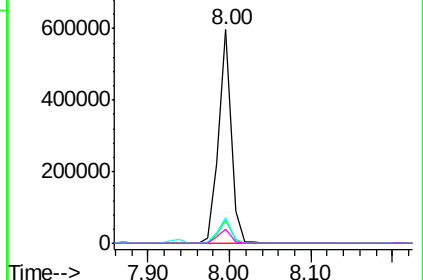
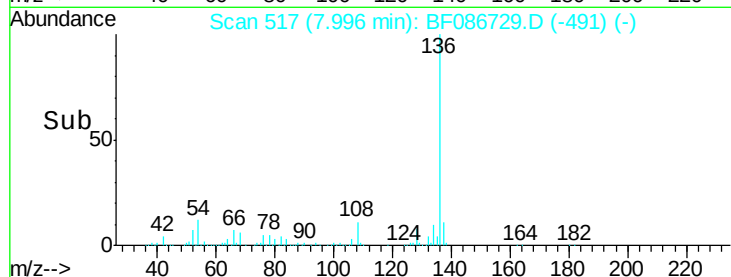


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.16 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:105 Resp: 613915

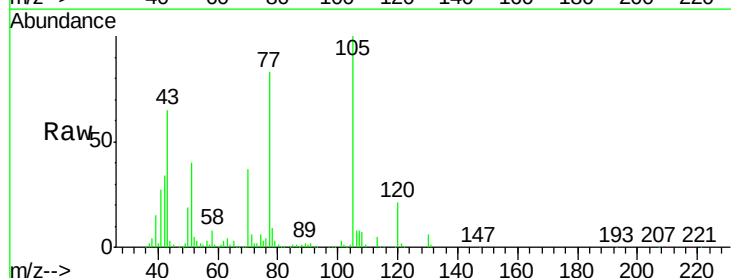
Ion Ratio Lower Upper

105 100

71 6.2 4.8 7.2

51 39.7 32.6 49.0

120 21.1 16.5 24.7

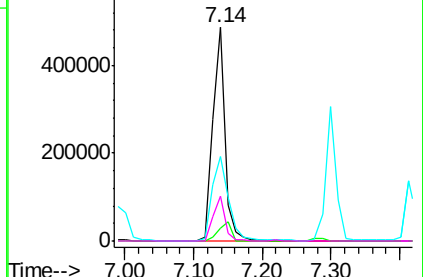
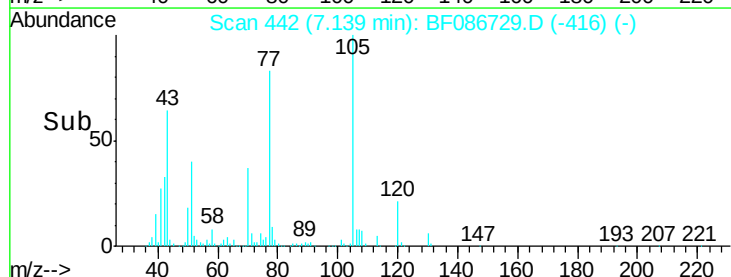


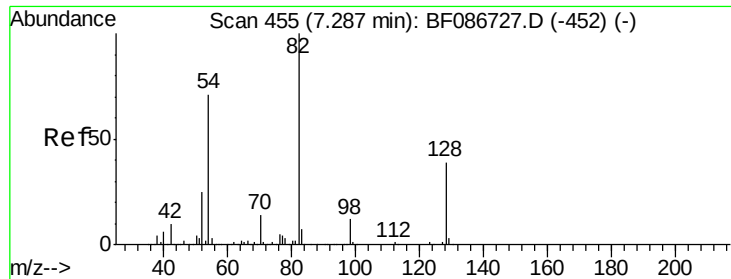
Abundance Ion 105.00 (104.70 to 105.70): E

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

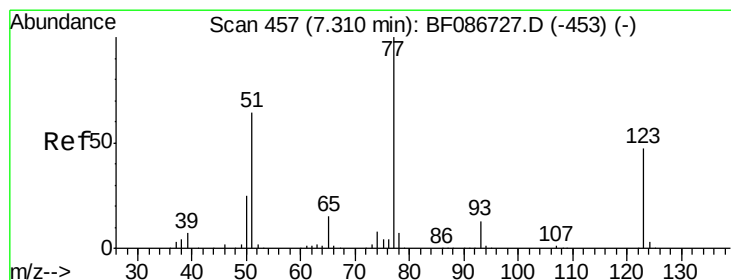
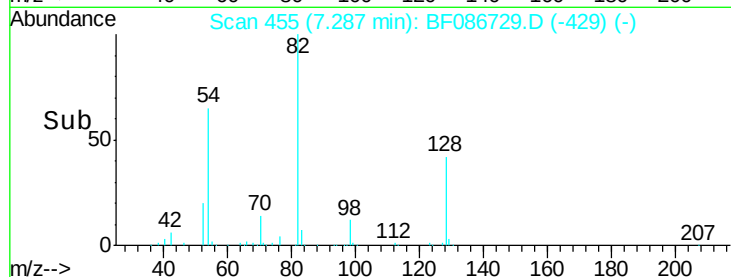
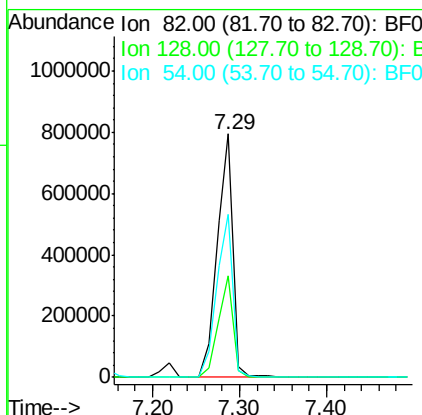
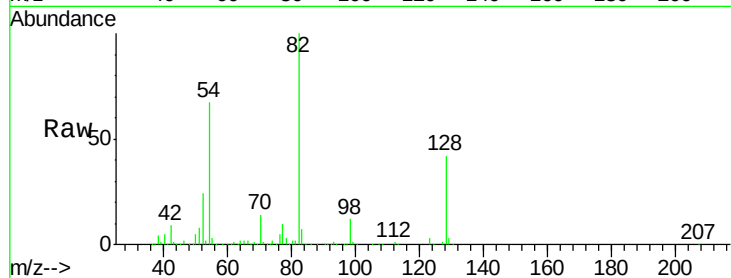




#23
 Nitrobenzene-d5
 Concen: 81.49 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

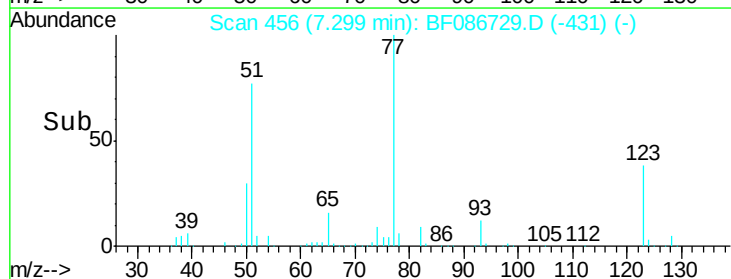
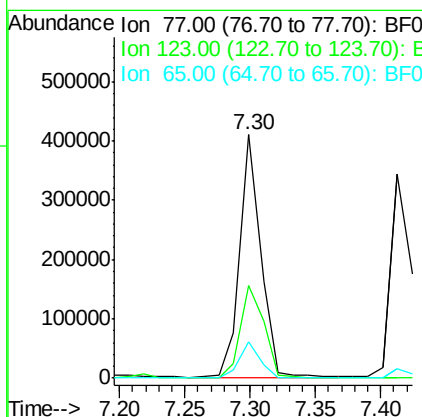
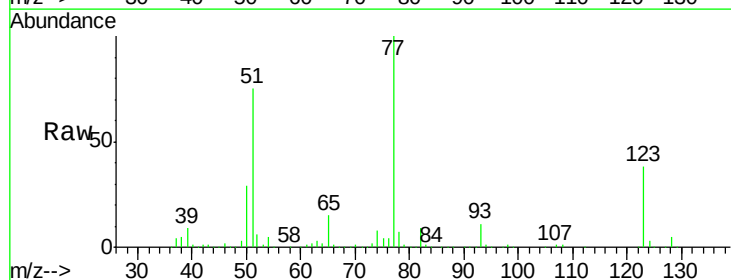
Instrument :
 BNA_F
 ClientSampleId :

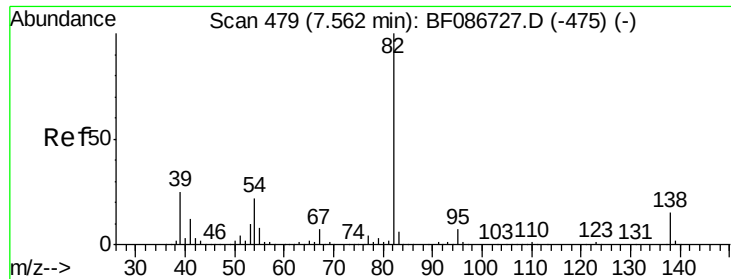
Tot Ion: 82 Resp: 1014944
 Ion Ratio Lower Upper
 82 100
 128 41.6 40.6 61.0
 54 67.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 35.36 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion: 77 Resp: 455318
 Ion Ratio Lower Upper
 77 100
 123 37.9 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 38.88 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

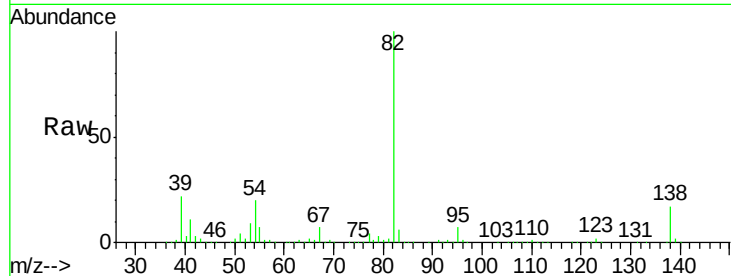
Tot Ion: 82 Resp: 901830

Ion Ratio Lower Upper

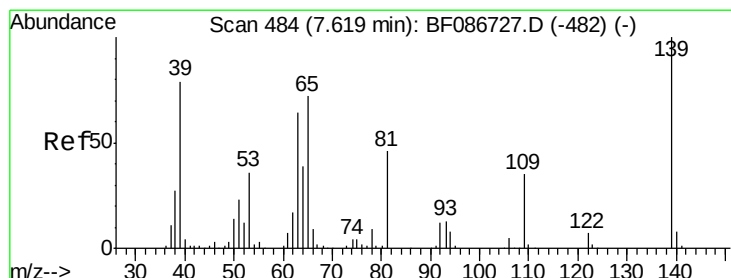
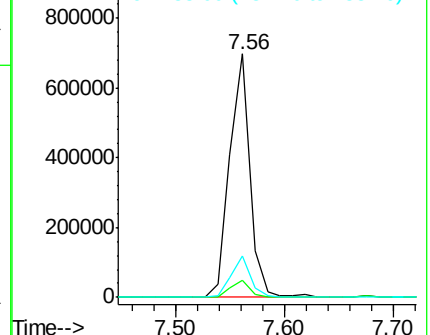
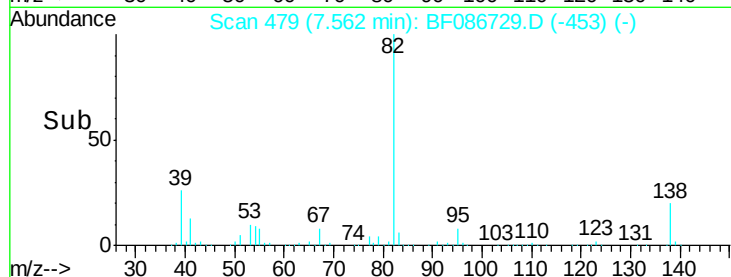
82 100

95 7.1 5.1 7.7

138 17.0 12.4 18.6



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: 39.83 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

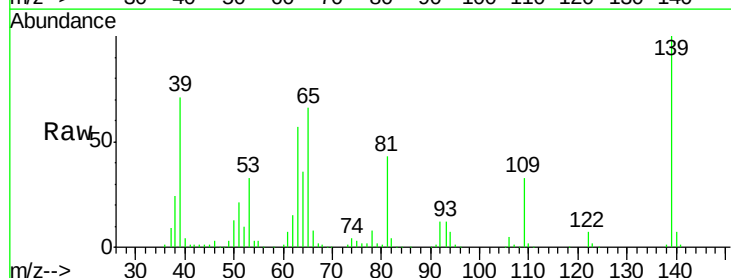
Tgt Ion: 139 Resp: 228829

Ion Ratio Lower Upper

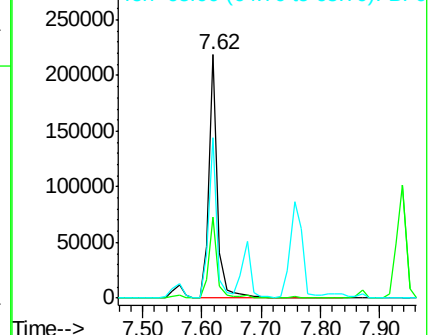
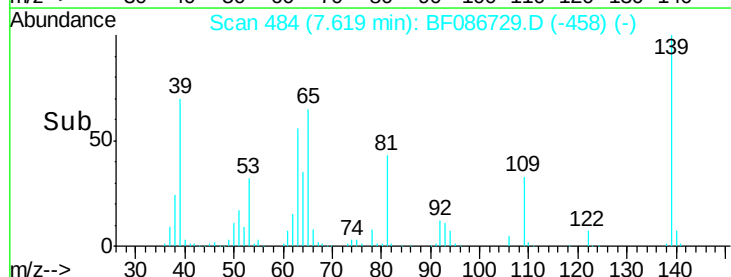
139 100

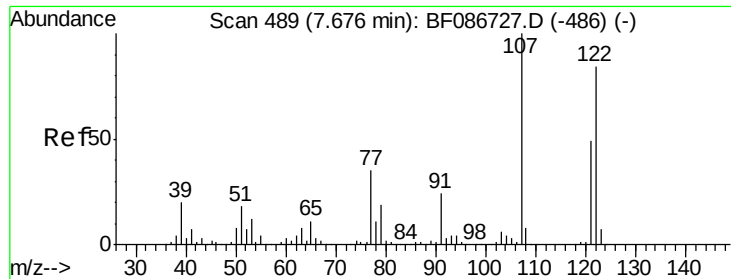
109 33.2 19.5 29.3#

65 65.7 37.5 56.3#



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





#27

2,4-Dimethylphenol

Concen: 40.99 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

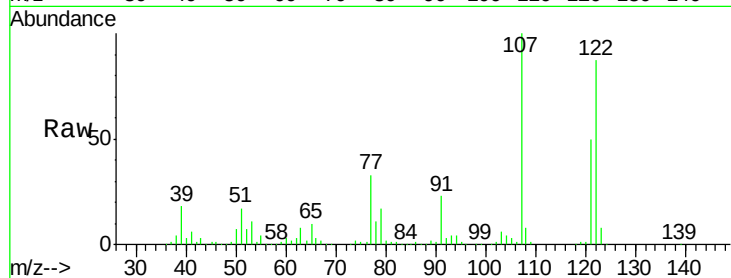
Tot Ion:122 Resp: 413548

Ion Ratio Lower Upper

122 100

107 115.2 82.0 123.0

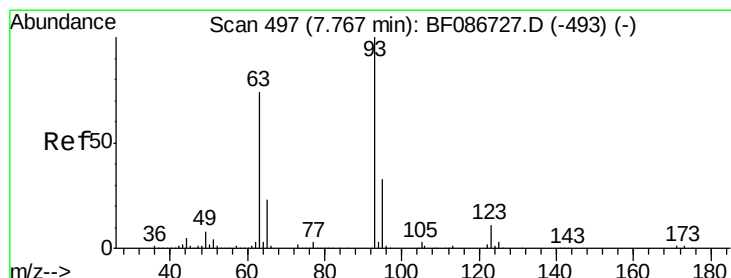
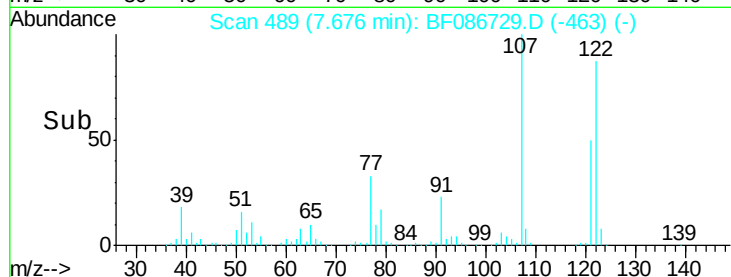
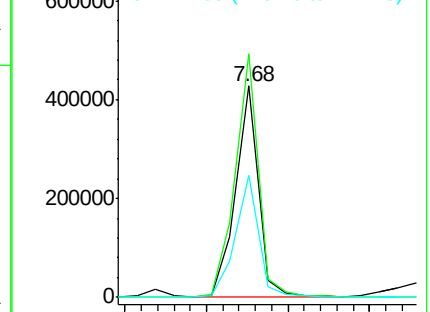
121 57.8 46.1 69.1



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: 40.91 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

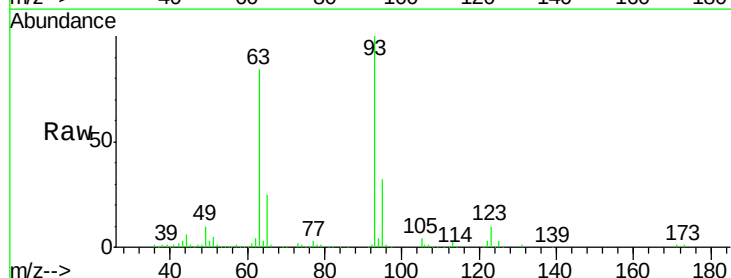
Tgt Ion: 93 Resp: 522273

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

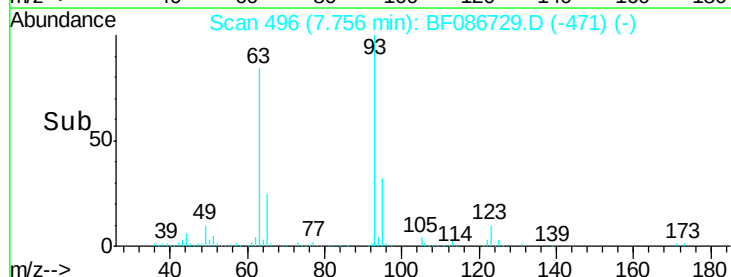
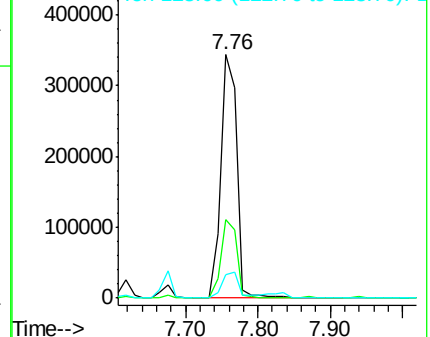
123 9.5 9.5 14.3

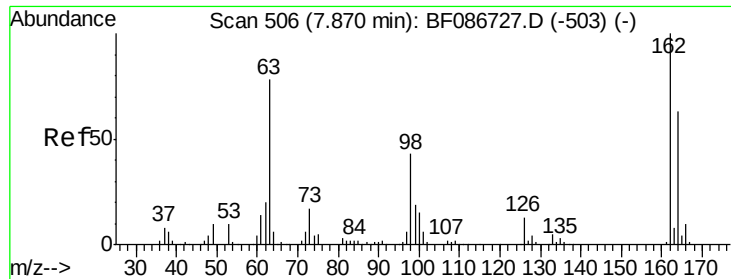


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

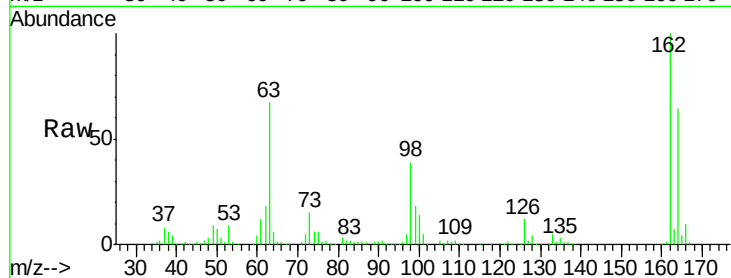




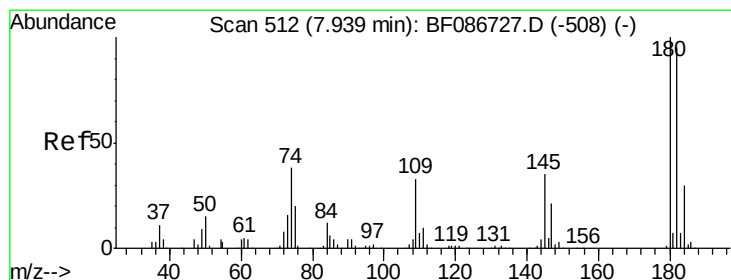
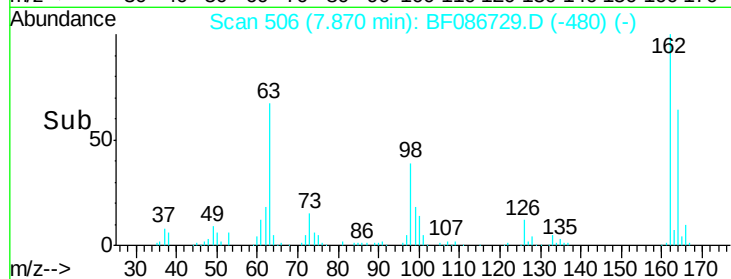
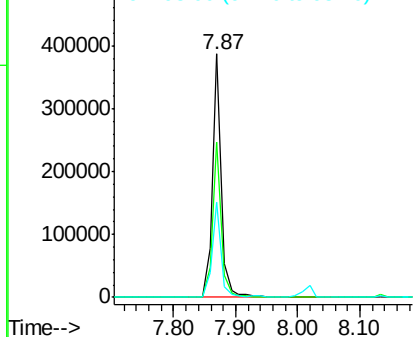
#29
 2,4-Dichlorophenol
 Concen: 43.67 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.2	82.2
98	38.9	19.0	59.0

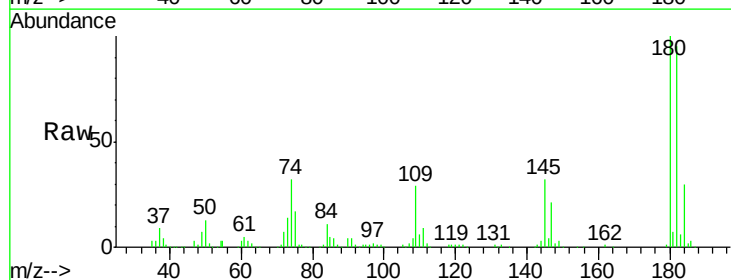


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

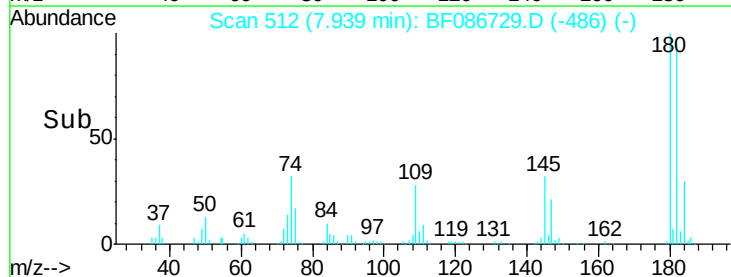
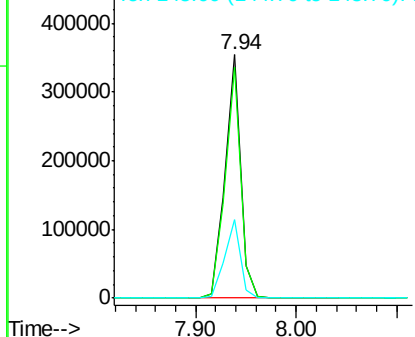


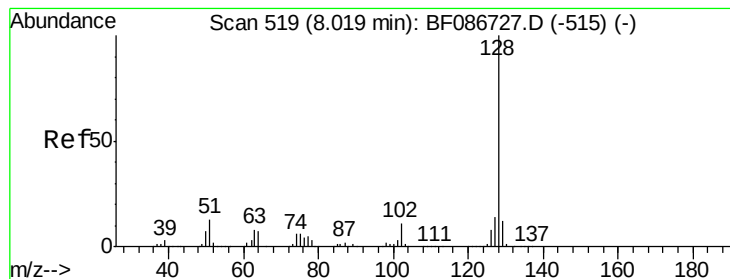
#30
 1,2,4-Trichlorobenzene
 Concen: 39.78 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	32.5	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.82 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

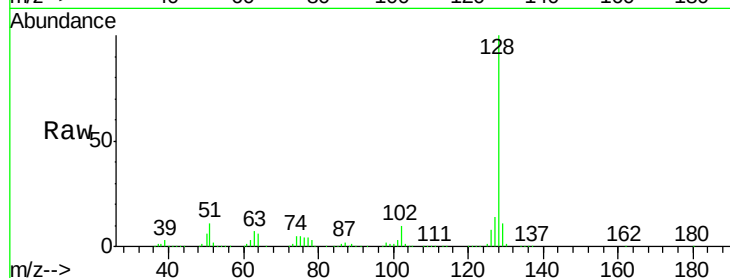
Tot Ion:128 Resp: 1302163

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

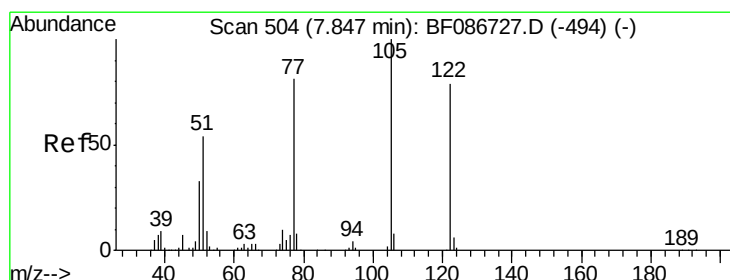
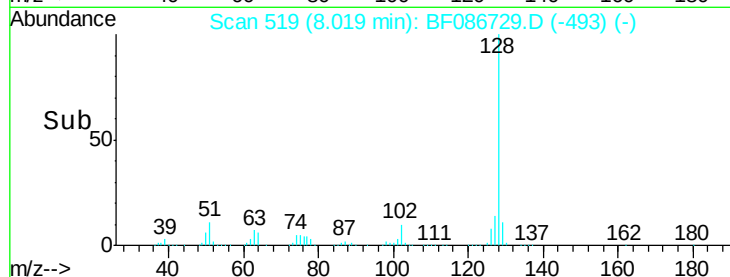
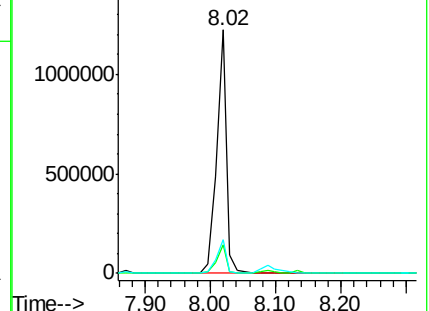
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 63.71 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

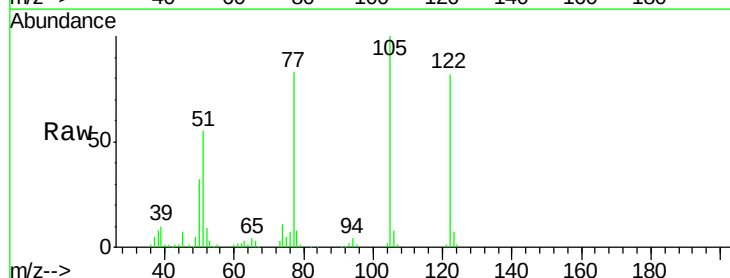
Tgt Ion:122 Resp: 263901

Ion Ratio Lower Upper

122 100

105 122.2 92.6 132.6

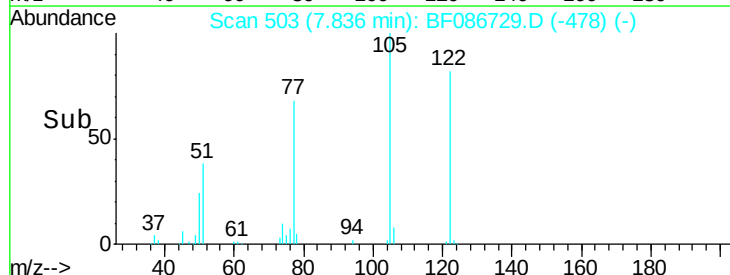
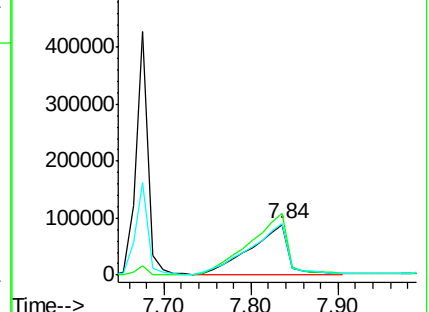
77 101.8 60.0 100.0#

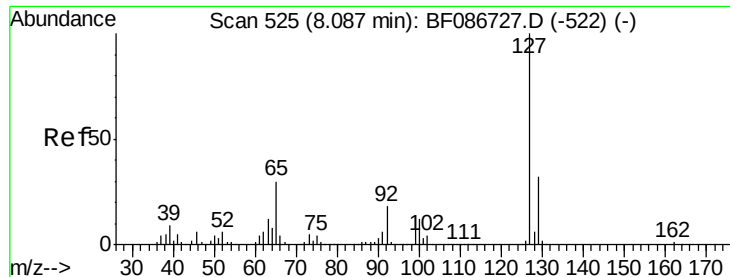


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

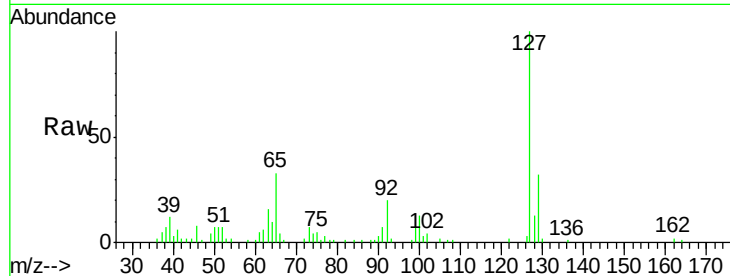




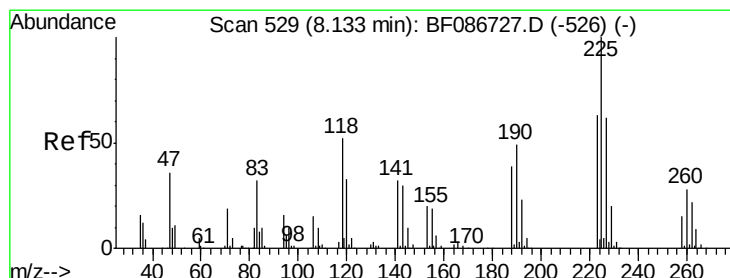
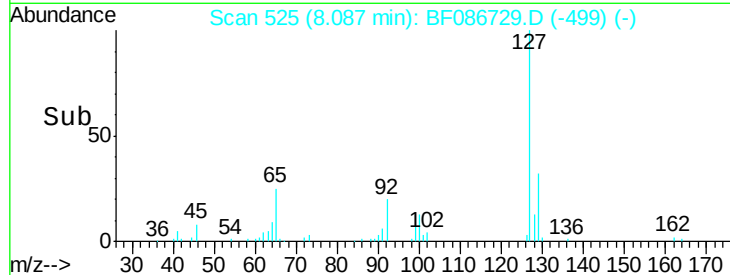
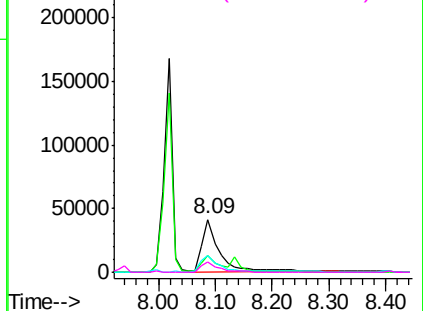
#33
4-Chloroaniline
Concen: 6.78 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	85895
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	33.0	23.0	34.4
92	19.7	15.1	22.7

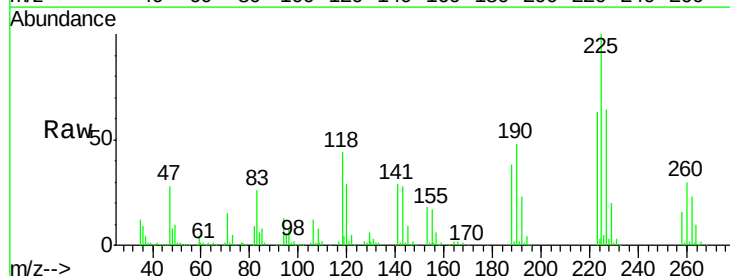


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

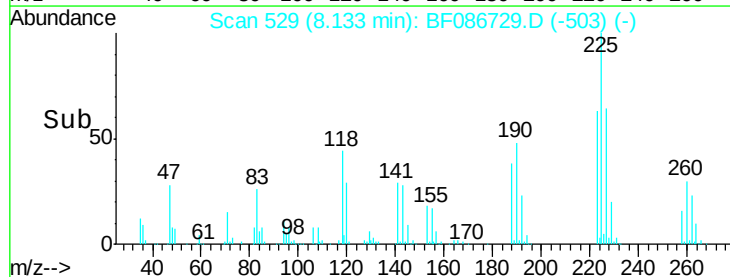
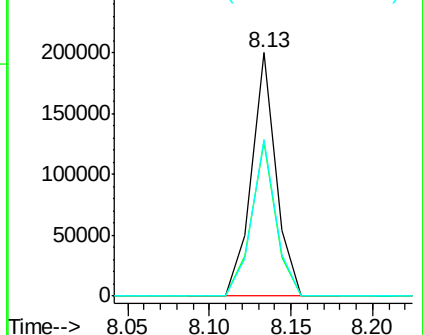


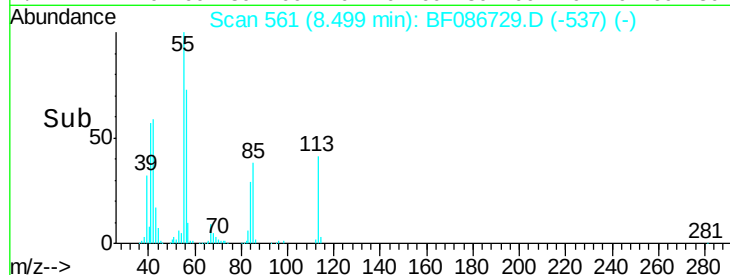
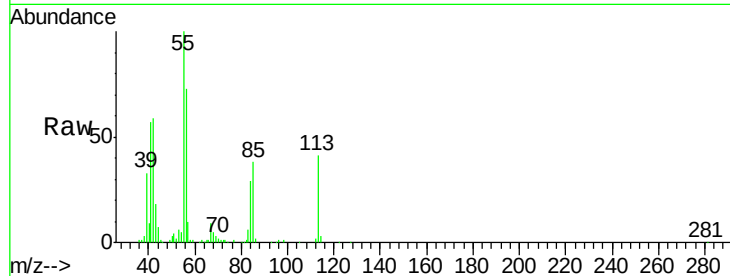
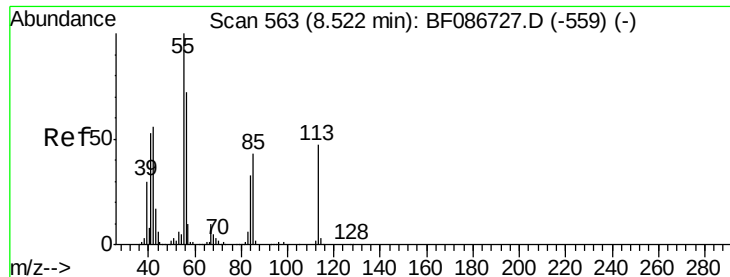
#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:	225	Resp:	209883
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.5	77.3
227	64.1	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

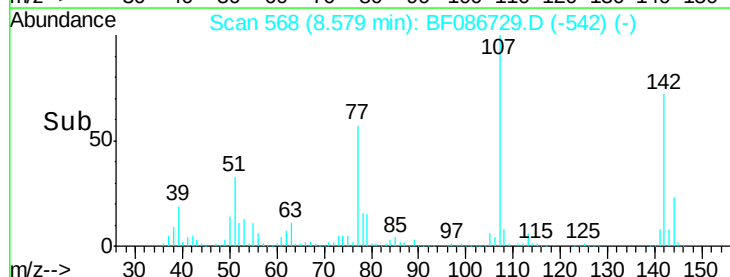
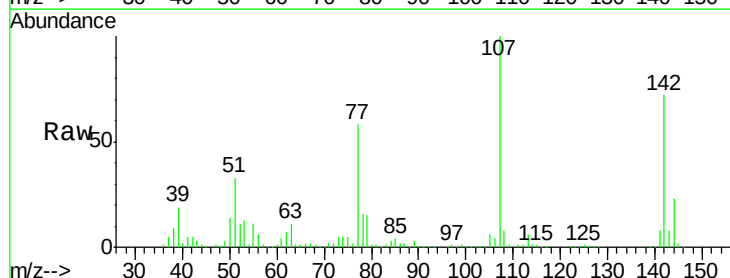
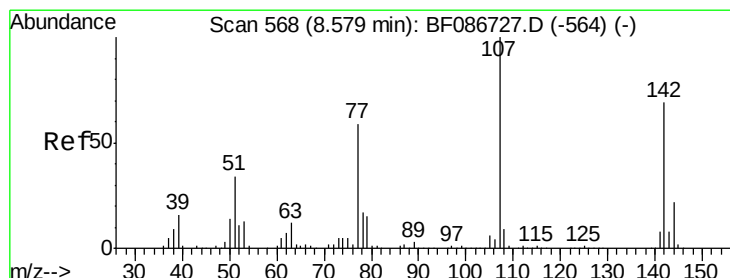
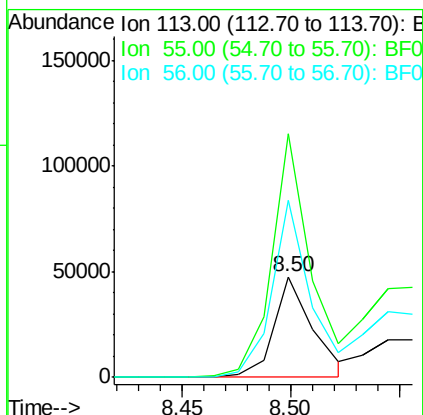




#35
Caprolactam
Concen: 22.25 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

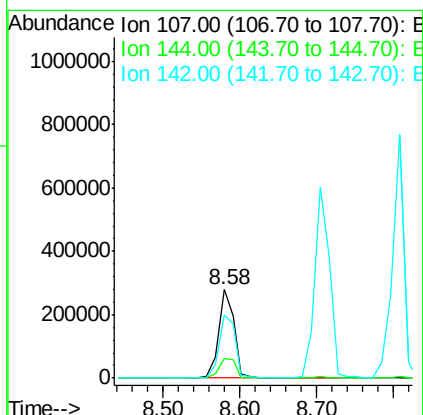
Instrument :
BNA_F
ClientSampleId :

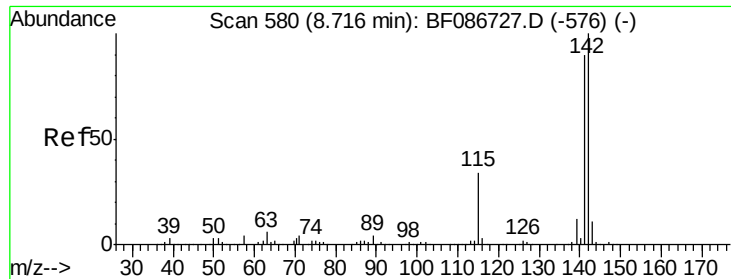
Tot Ion:113 Resp: 59737
Ion Ratio Lower Upper
113 100
55 242.9 162.0 202.0#
56 176.5 115.3 155.3#



#36
4-Chloro-3-methylphenol
Concen: 40.10 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:107 Resp: 396817
Ion Ratio Lower Upper
107 100
144 22.8 20.7 31.1
142 71.7 63.2 94.8

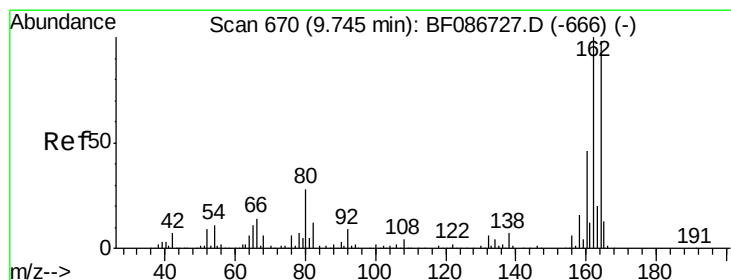
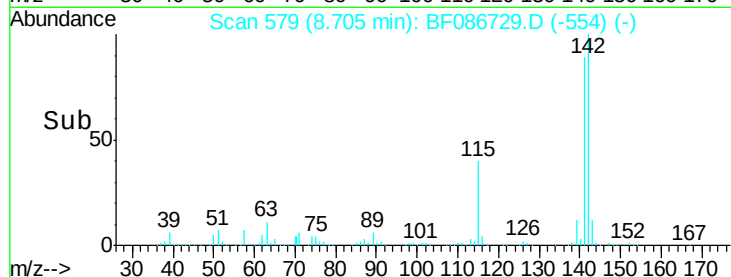
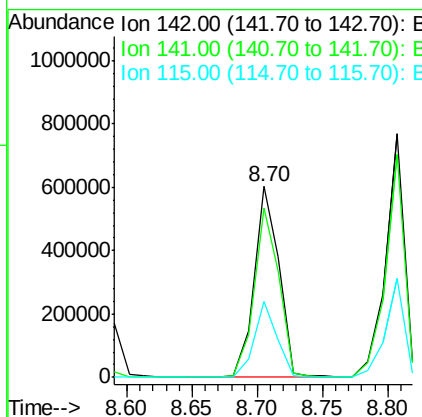
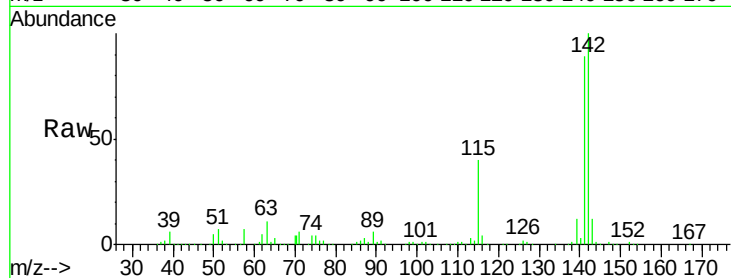




#37
2-Methylnaphthalene
Concen: 41.27 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

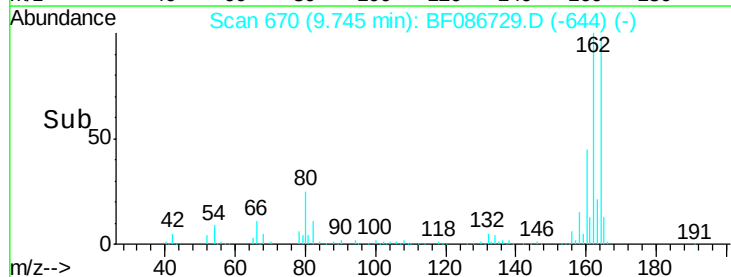
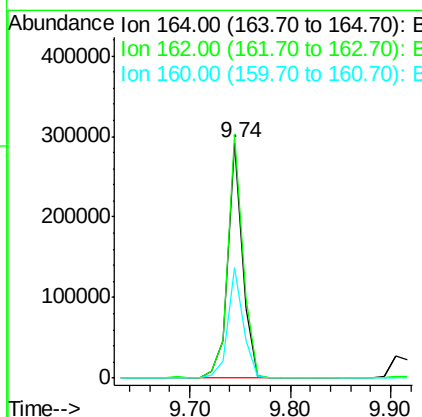
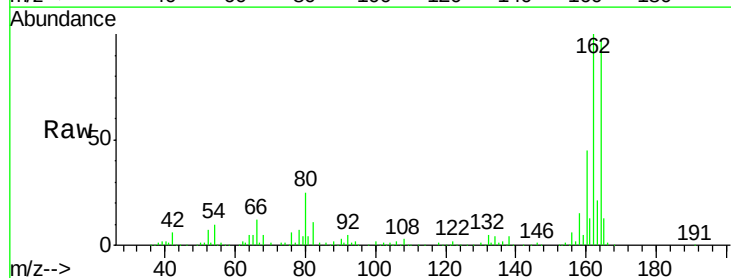
Instrument :
BNA_F
ClientSampled :

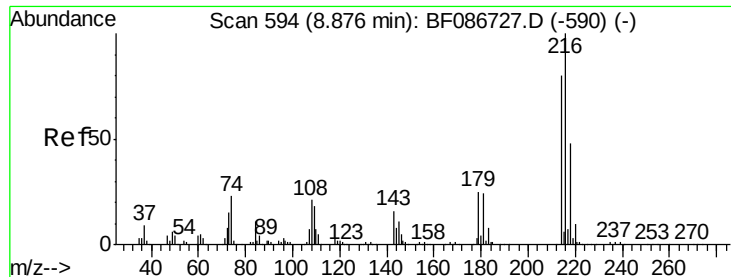
Tot Ion:142 Resp: 796223
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 40.1 26.6 39.8#



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:164 Resp: 300091
Ion Ratio Lower Upper
164 100
162 103.5 82.8 124.2
160 46.9 36.9 55.3

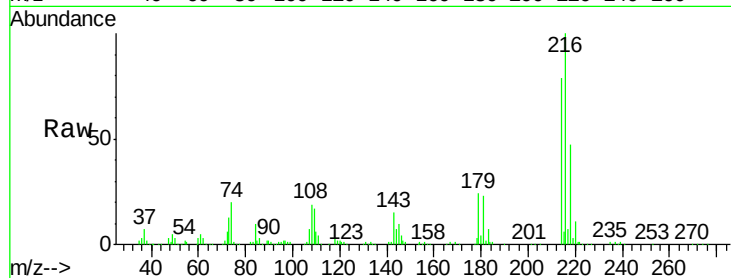




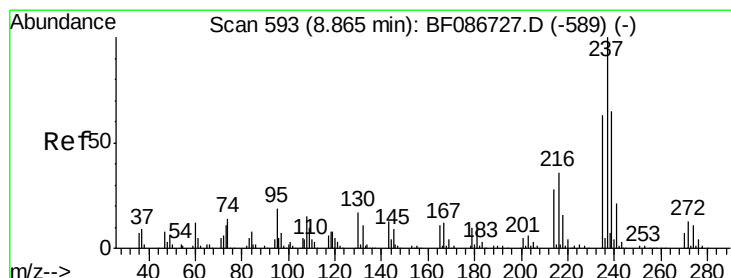
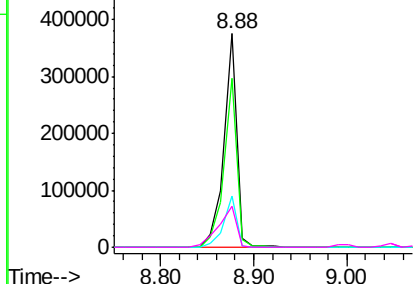
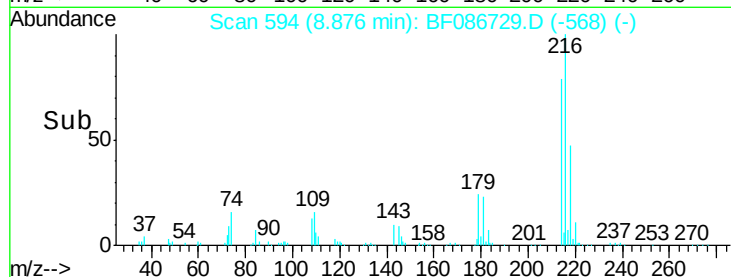
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.12 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	357154
Ion Ratio	Lower	Upper
216	100	
214	78.8	62.6 93.8
179	24.2	18.2 27.4
108	27.1	17.5 26.3#

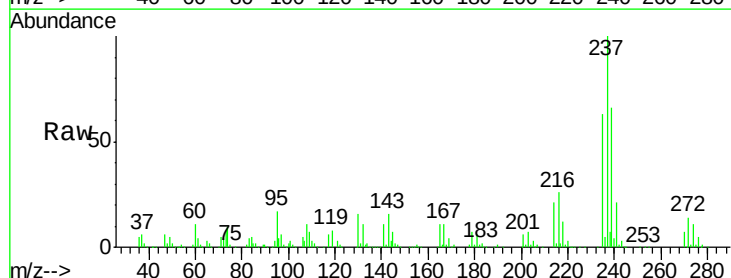


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

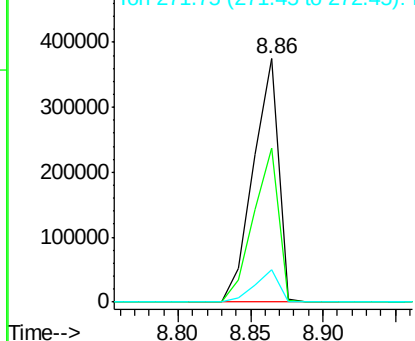
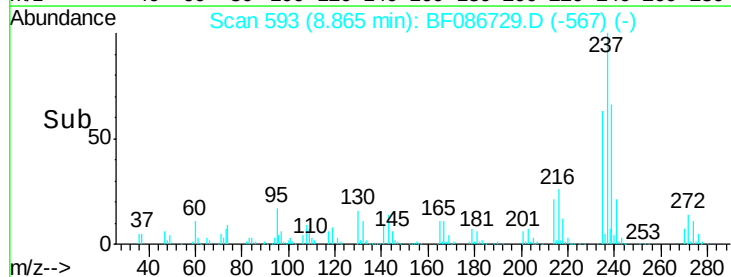


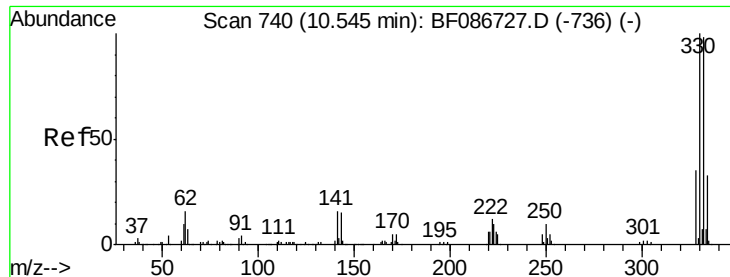
#40
 Hexachlorocyclopentadiene
 Concen: 110.43 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:237	Resp:	452259
Ion Ratio	Lower	Upper
237	100	
235	63.3	47.2 87.2
272	13.5	0.0 31.1



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

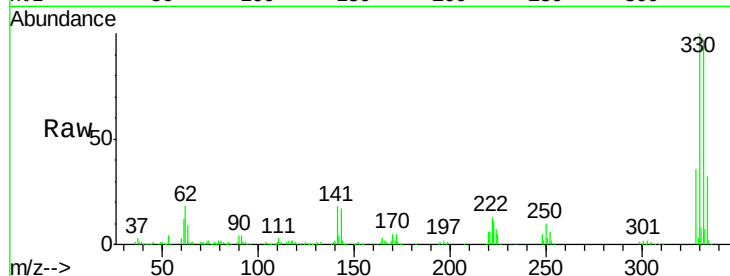




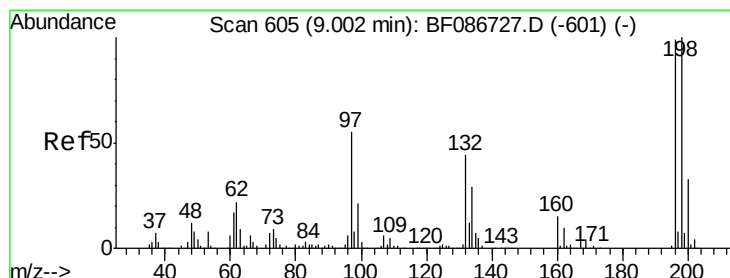
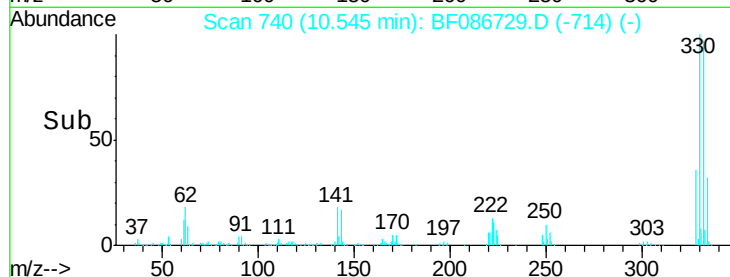
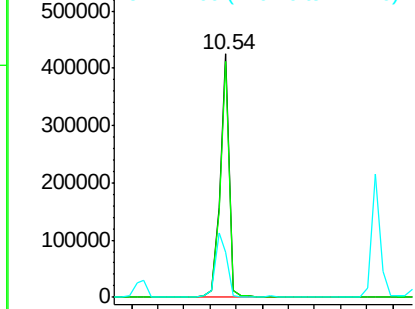
#41
 2,4,6-Tribromophenol
 Concen: 145.60 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 427429
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 33.5 31.2 46.8

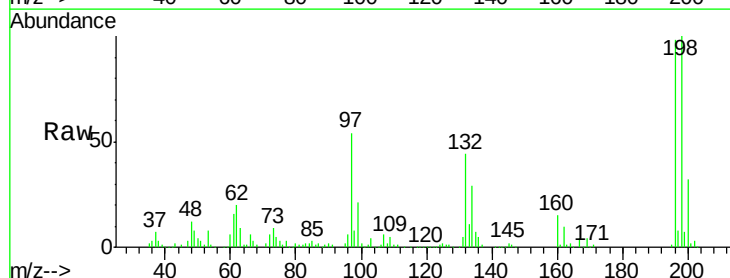


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

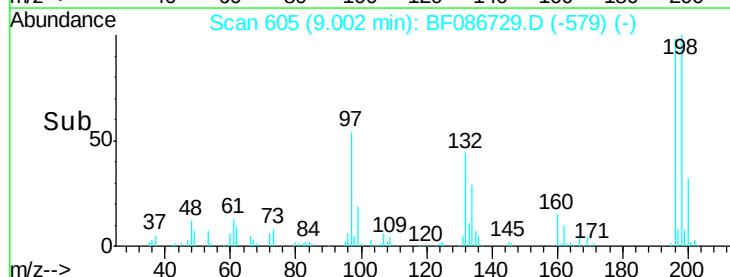
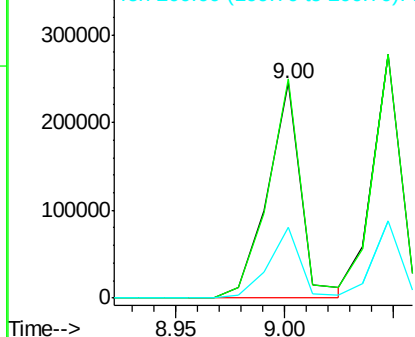


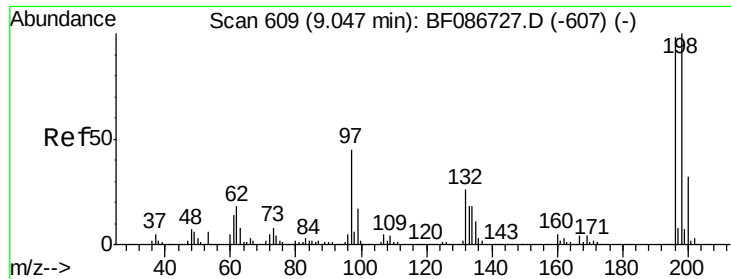
#42
 2,4,6-Trichlorophenol
 Concen: 47.67 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:196 Resp: 263299
 Ion Ratio Lower Upper
 196 100
 198 102.4 74.7 112.1
 200 32.8 23.8 35.6



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

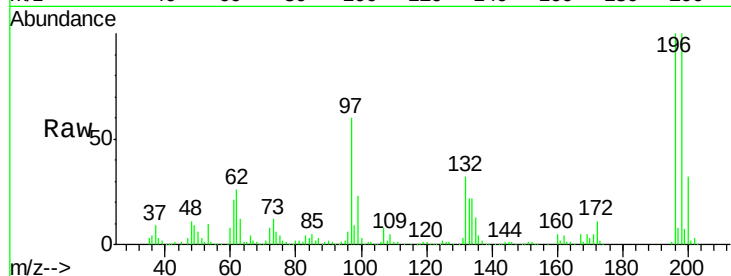




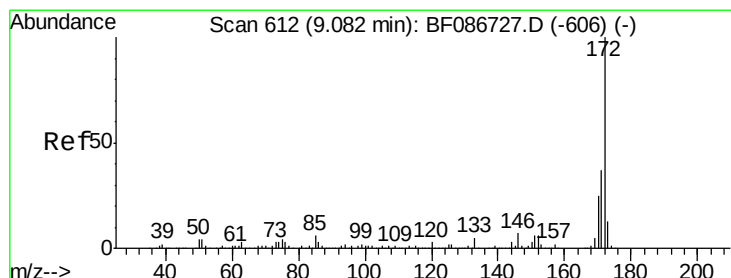
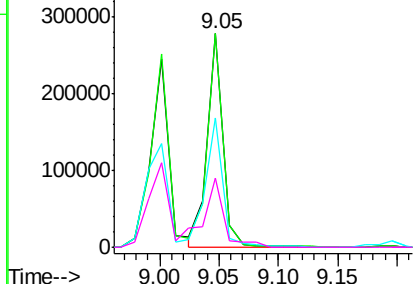
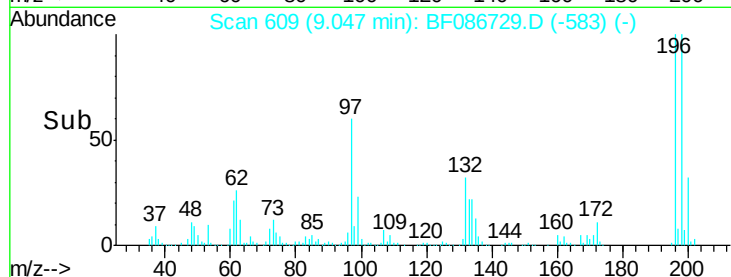
#43
 2,4,5-Trichlorophenol
 Concen: 44.43 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 256404
 Ion Ratio Lower Upper
 196 100
 198 100.0 77.5 116.3
 97 60.2 34.8 52.2#
 132 32.1 23.0 34.4

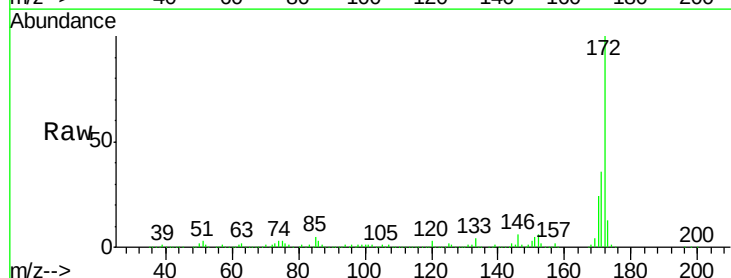


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

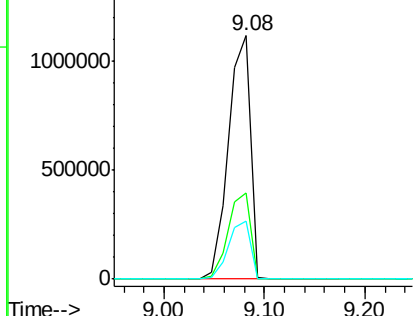
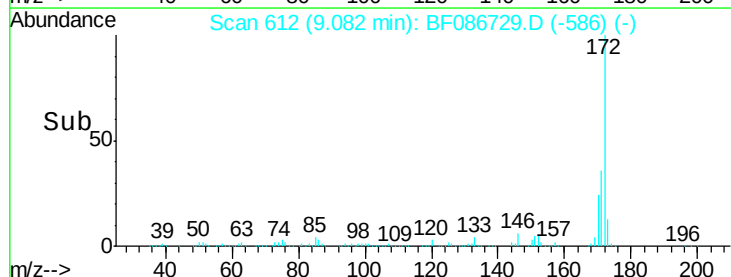


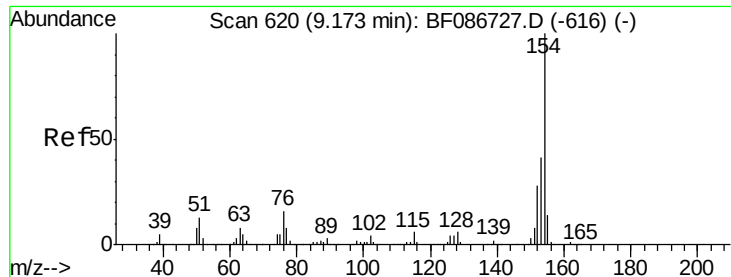
#44
 2-Fluorobiphenyl
 Concen: 93.00 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:172 Resp: 1702503
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.1 19.8 29.8



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: 40.73 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

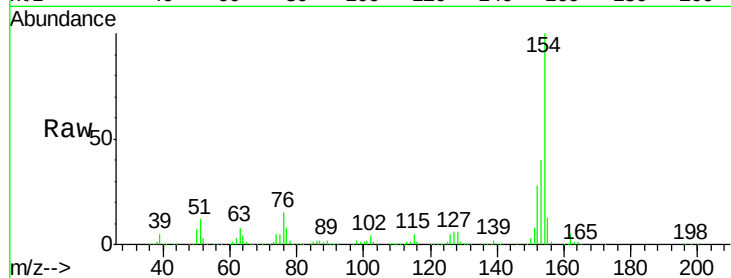
Tot Ion:154 Resp: 999229

Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

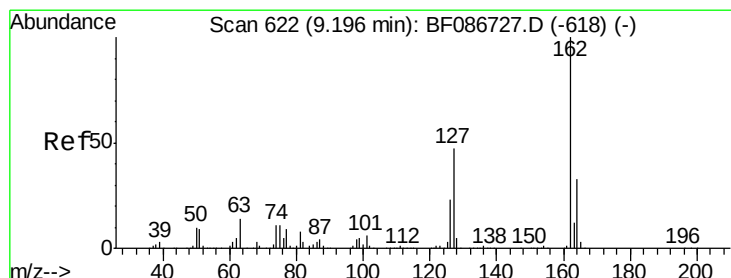
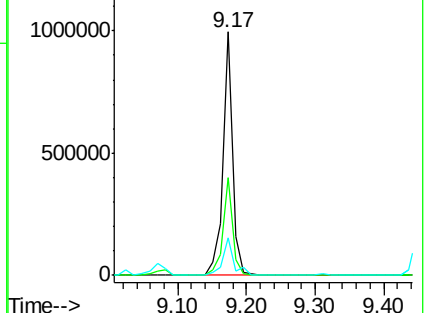
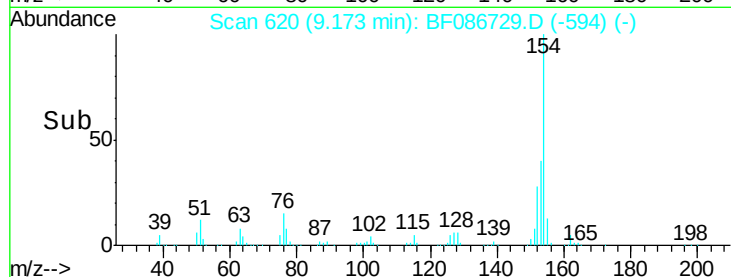
76 15.3 0.0 30.2



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: 39.44 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

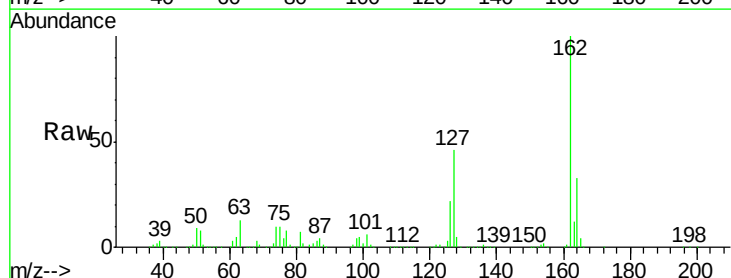
Tgt Ion:162 Resp: 746668

Ion Ratio Lower Upper

162 100

127 46.3 31.8 47.6

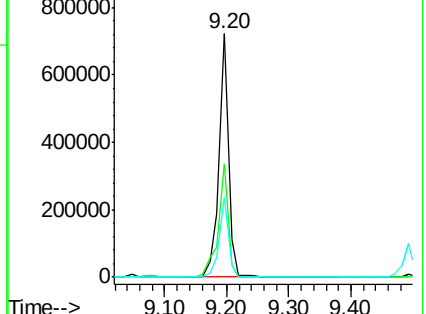
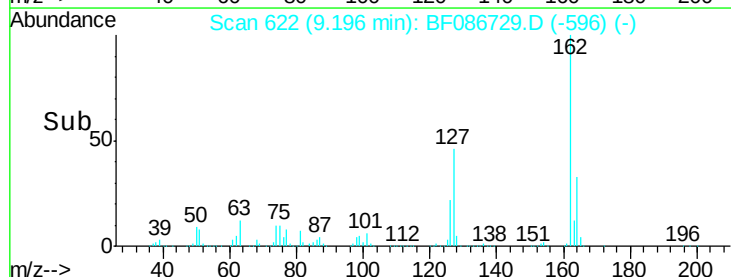
164 33.0 27.0 40.6

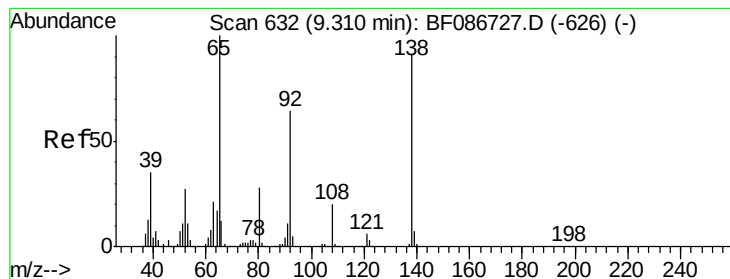


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.72 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

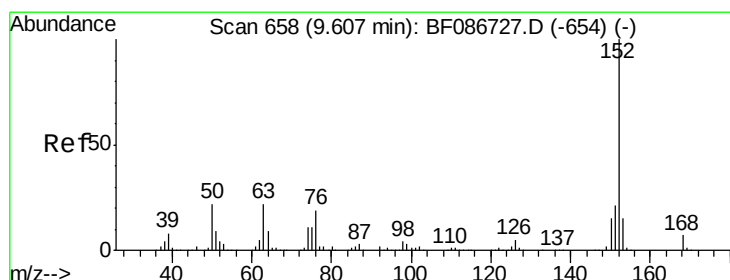
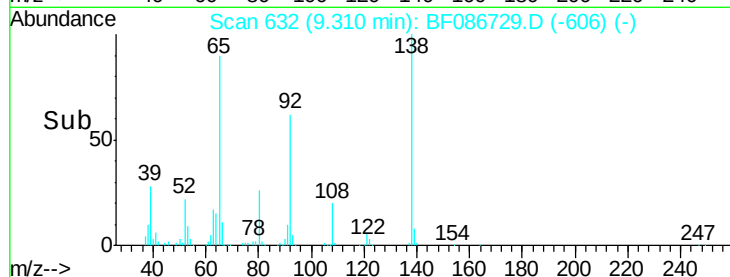
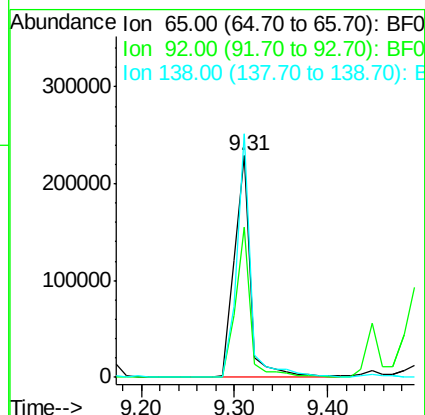
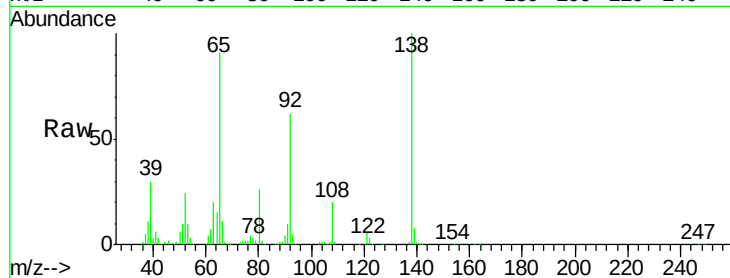
Tot Ion: 65 Resp: 280811

Ion Ratio Lower Upper

65 100

92 67.6 57.4 86.2

138 110.0 90.1 135.1



#48

Acenaphthylene

Concen: 38.86 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

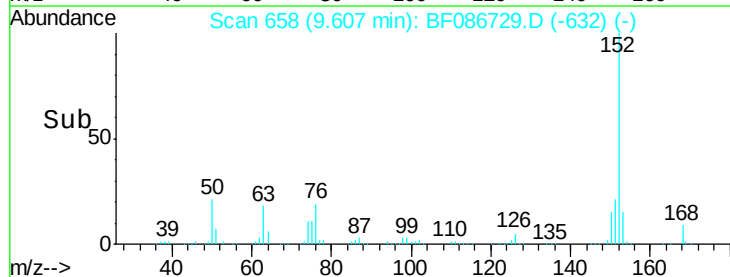
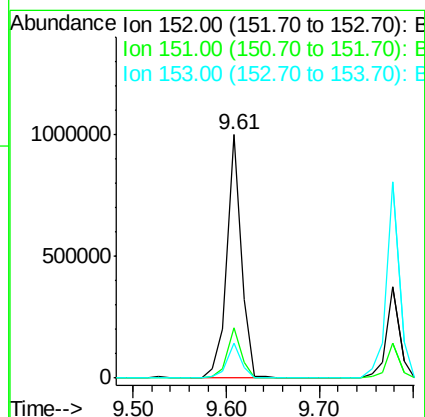
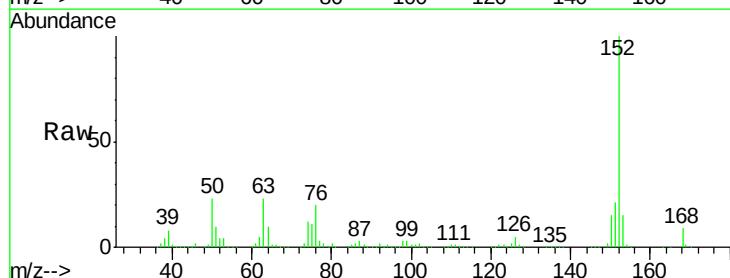
Tgt Ion: 152 Resp: 1092052

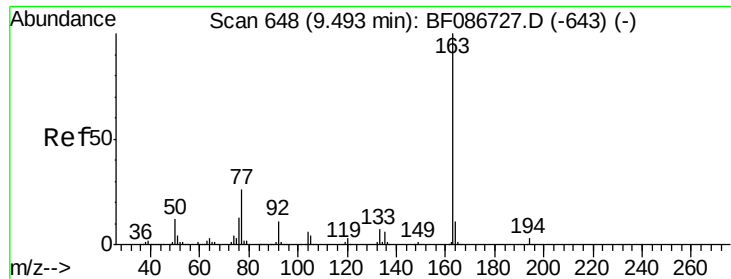
Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 14.5 10.9 16.3

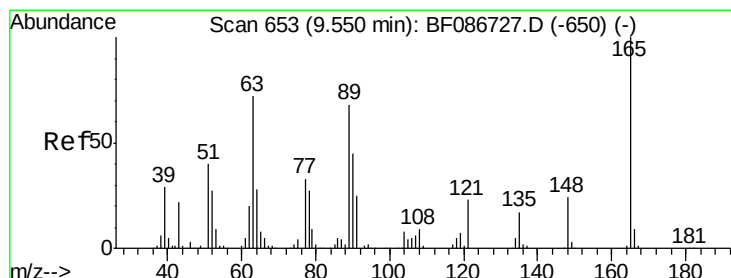
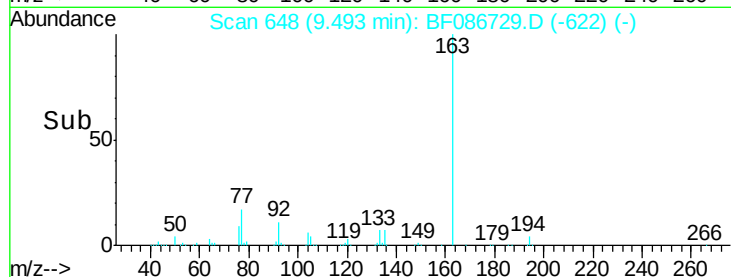
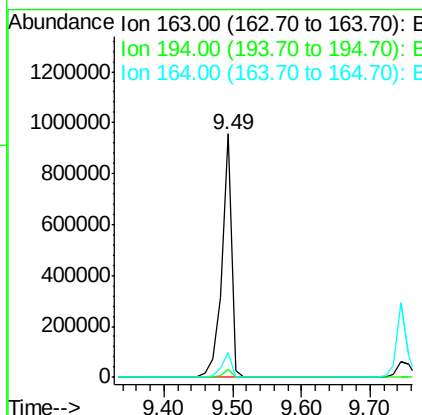
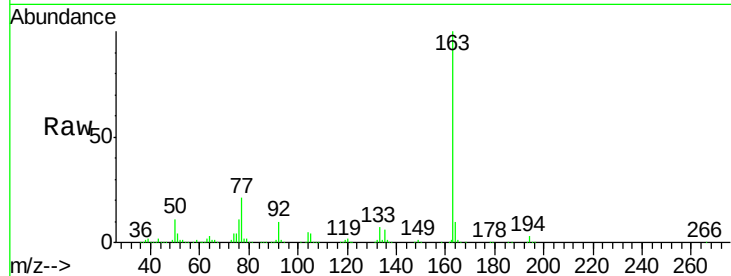




#49
Dimethylphthalate
Concen: 42.92 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

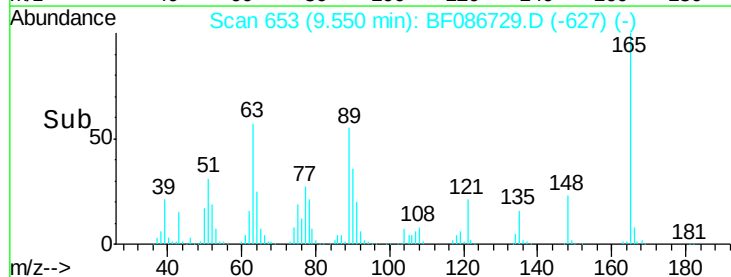
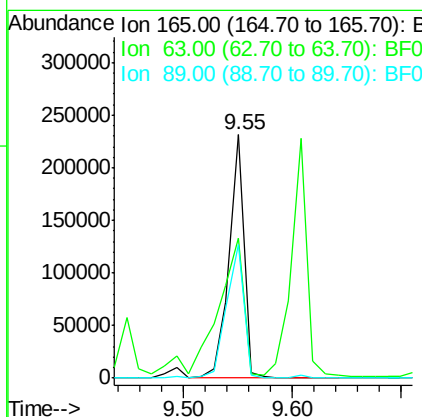
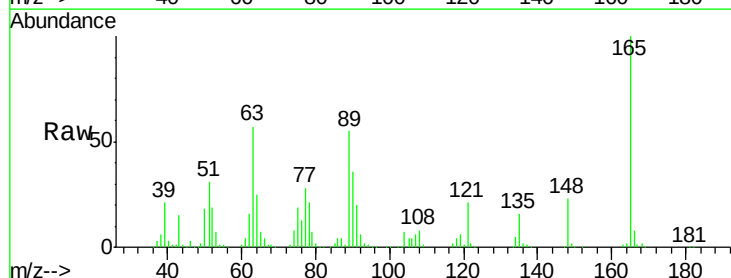
Instrument :
BNA_F
ClientSampleId :

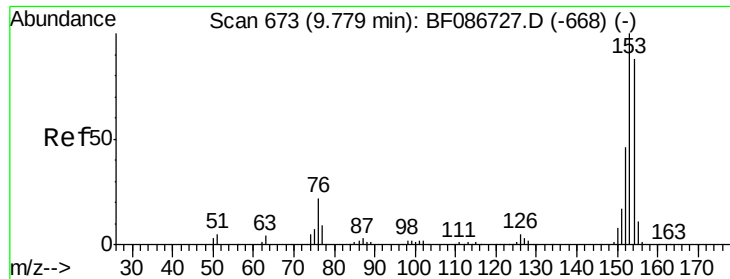
Tot Ion:163 Resp: 960211
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 46.12 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:165 Resp: 221423
Ion Ratio Lower Upper
165 100
63 57.4 51.8 77.8
89 54.8 50.7 76.1





#51

Acenaphthene

Concen: 37.20 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

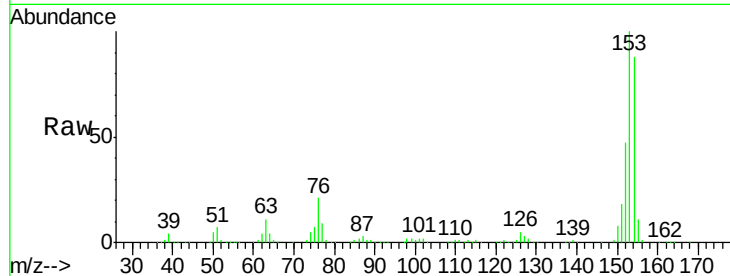
Tot Ion:154 Resp: 689681

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

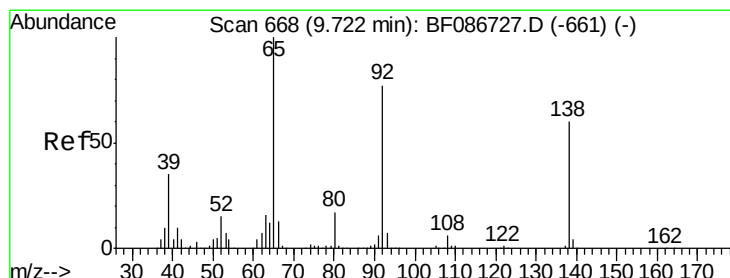
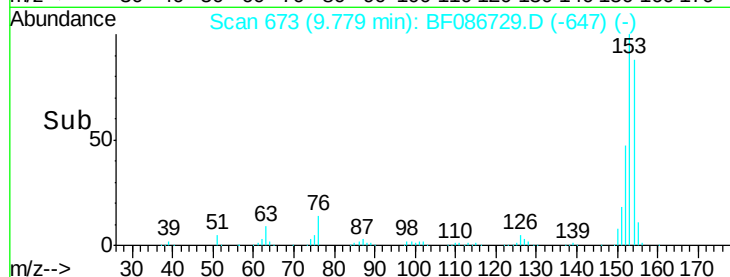
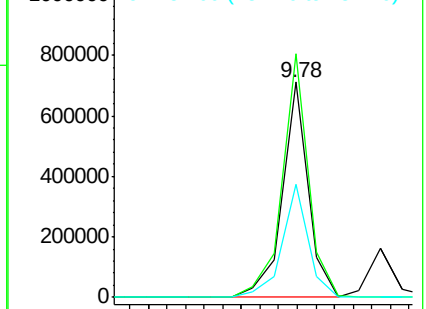
152 52.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.94 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

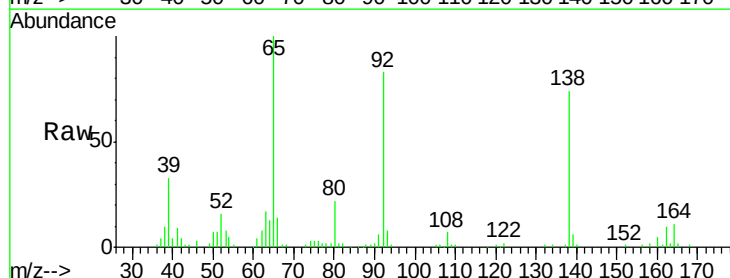
Tgt Ion:138 Resp: 76100

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

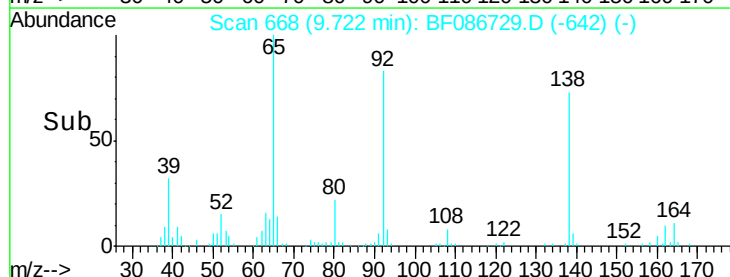
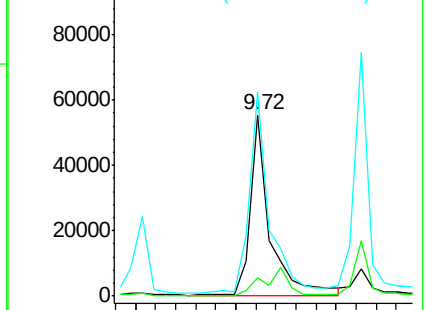
92 112.9 87.8 131.8

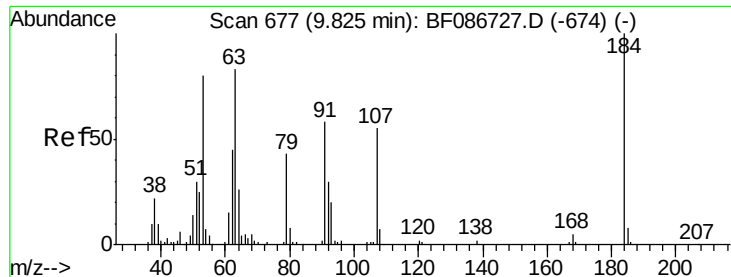


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

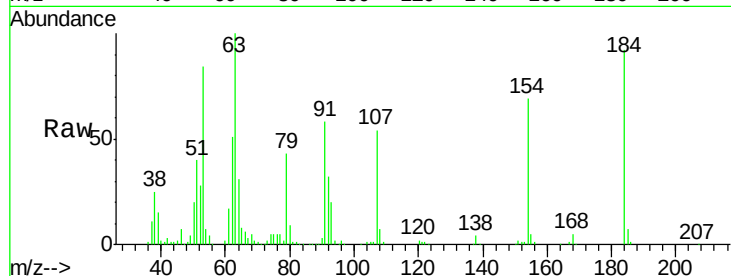




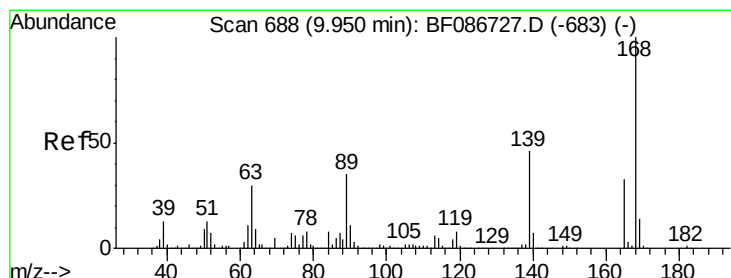
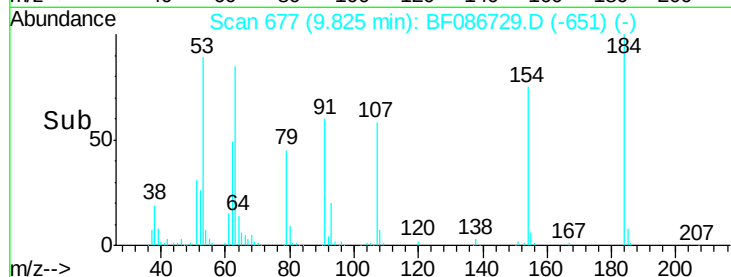
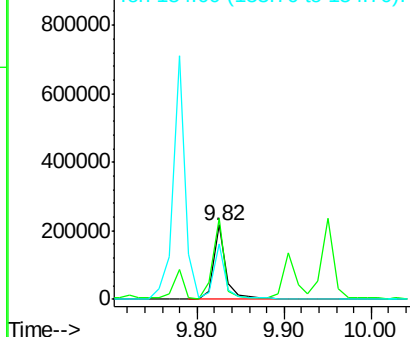
#53
 2,4-Dinitrophenol
 Concen: 97.72 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 220369
 Ion Ratio Lower Upper
 184 100
 63 108.6 55.8 83.8#
 154 74.7 62.4 93.6

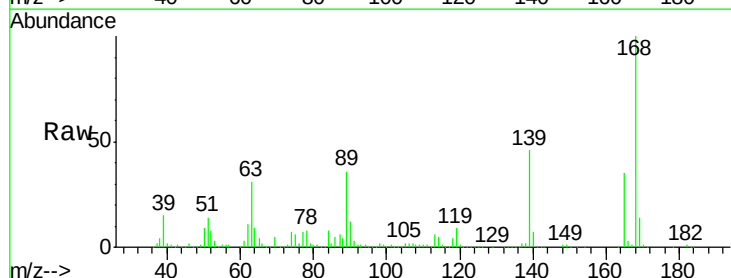


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

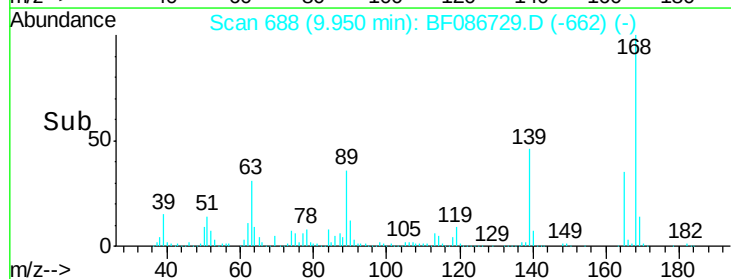
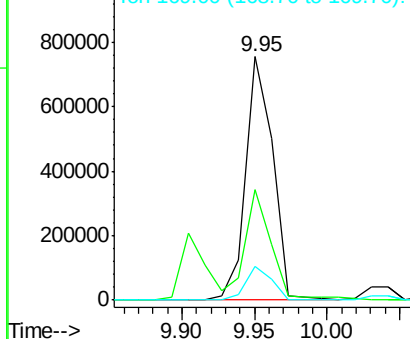


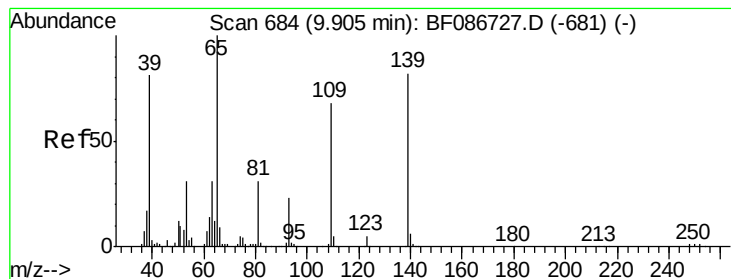
#54
 Dibenzofuran
 Concen: 42.58 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:168 Resp: 978508
 Ion Ratio Lower Upper
 168 100
 139 45.6 31.4 47.0
 169 13.8 10.7 16.1



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





#55

4-Nitrophenol

Concen: 77.05 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampled :

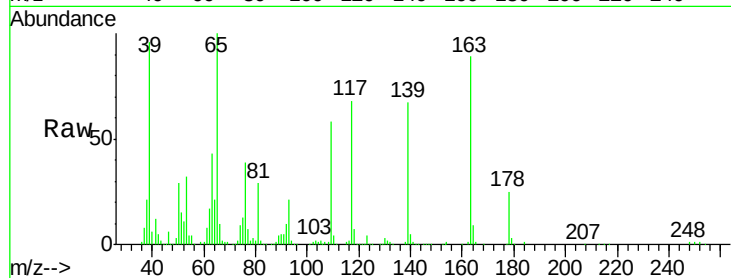
Tot Ion:139 Resp: 245183

Ion Ratio Lower Upper

139 100

109 87.4 36.9 76.9#

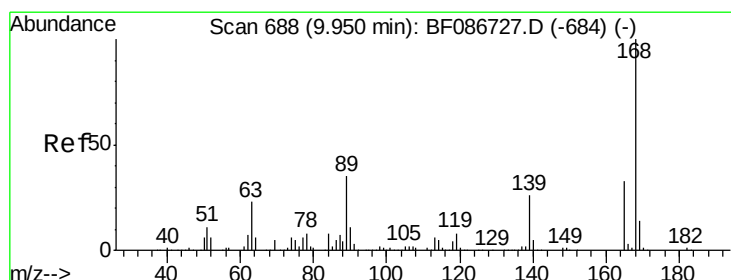
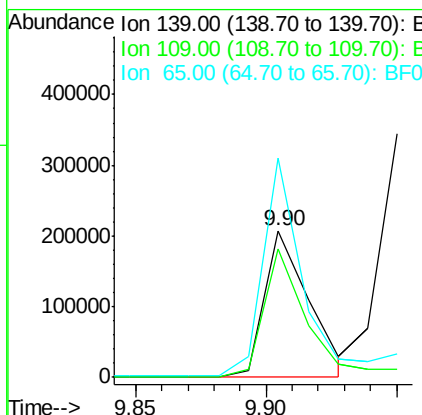
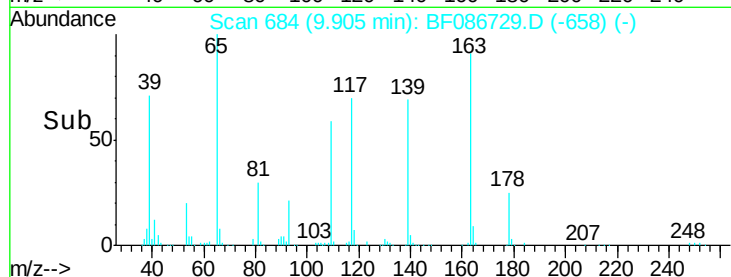
65 149.6 64.0 104.0#



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: 40.58 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Tgt Ion:165 Resp: 241428

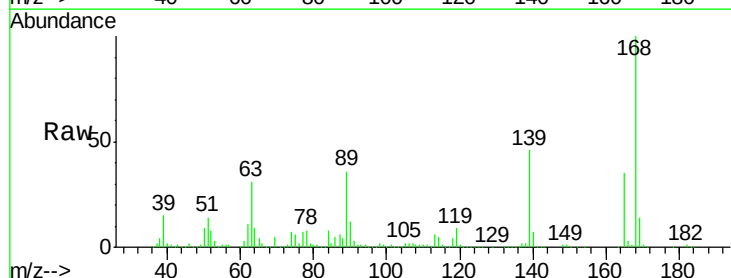
Ion Ratio Lower Upper

165 100

63 90.7 44.3 66.5#

89 102.9 70.0 105.0

182 2.4 1.8 2.6

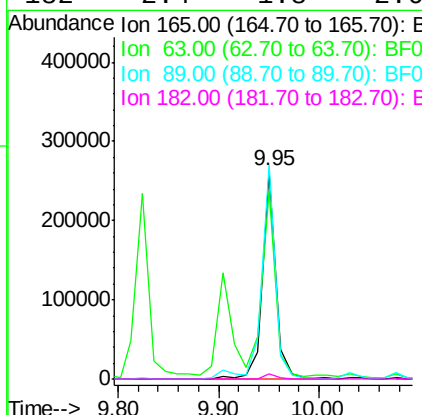
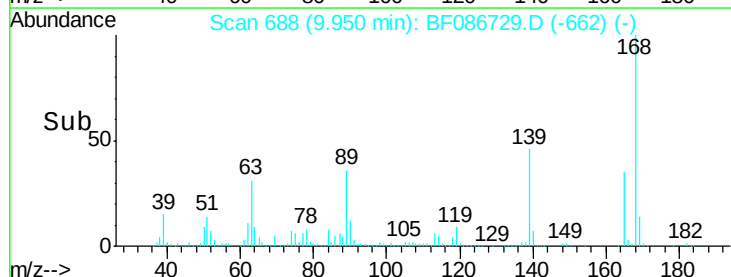


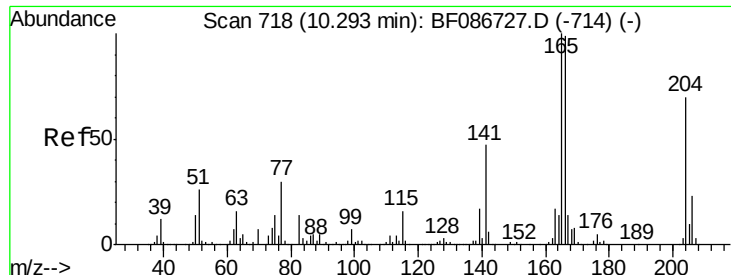
Abundance Ion 165.00 (164.70 to 165.70): E

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

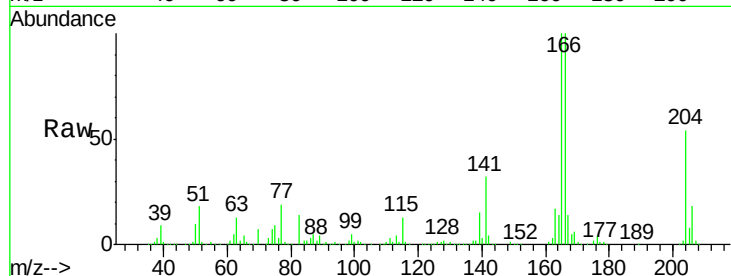




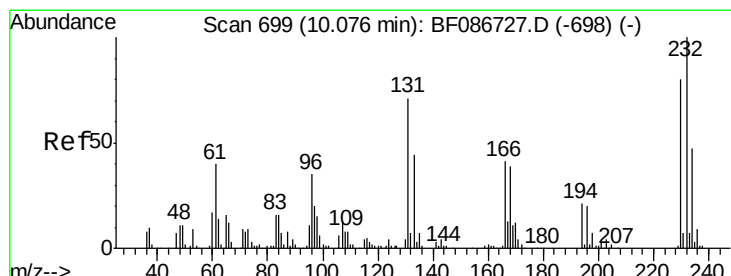
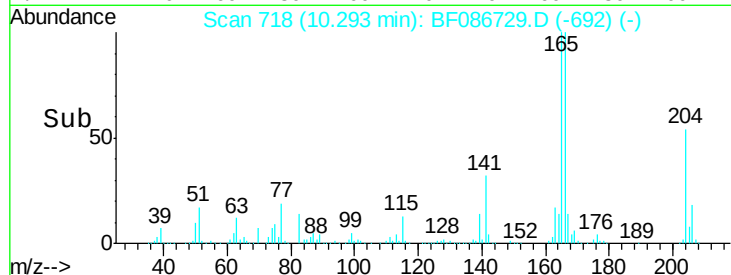
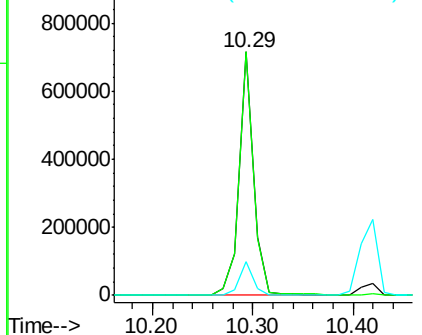
#57
 Fluorene
 Concen: 38.69 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 720564
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.0 118.6
 167 14.0 10.6 15.8

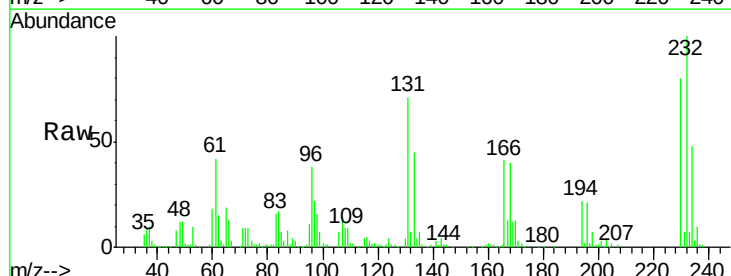


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

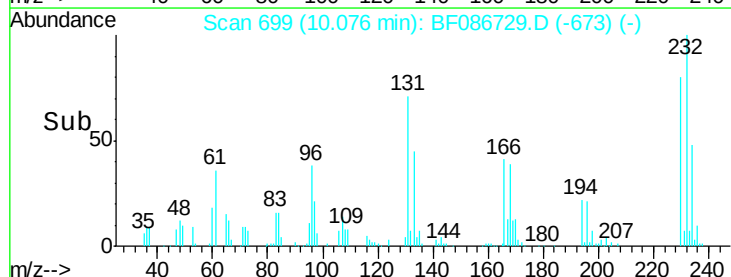
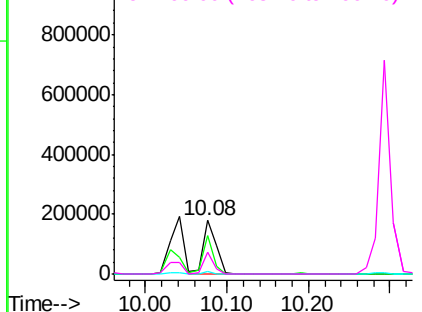


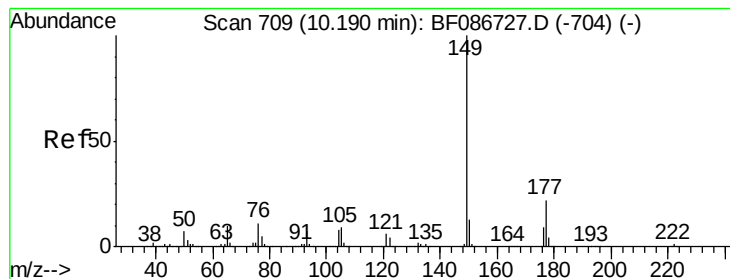
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.46 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:232 Resp: 205400
 Ion Ratio Lower Upper
 232 100
 131 56.2 41.9 62.9
 130 3.0 2.2 3.4
 166 34.2 26.8 40.2



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: 44.34 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

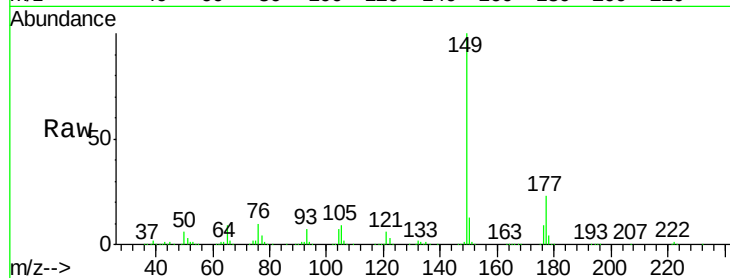
Tot Ion:149 Resp: 938948

Ion Ratio Lower Upper

149 100

177 23.0 16.6 24.8

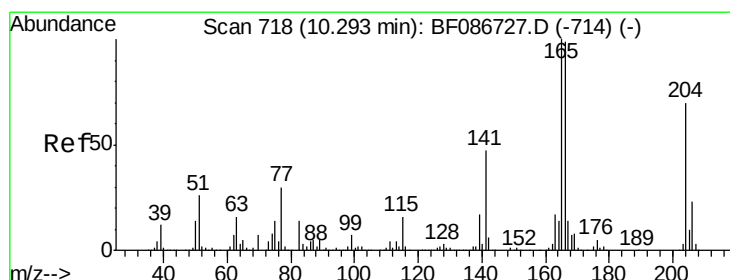
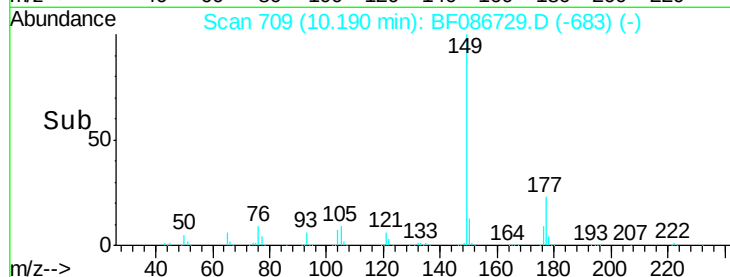
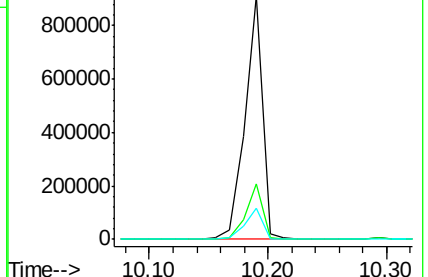
150 12.9 10.0 15.0



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: 43.37 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

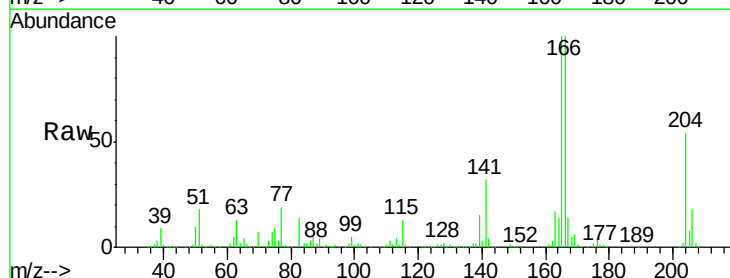
Tgt Ion:204 Resp: 384036

Ion Ratio Lower Upper

204 100

206 33.5 25.4 38.0

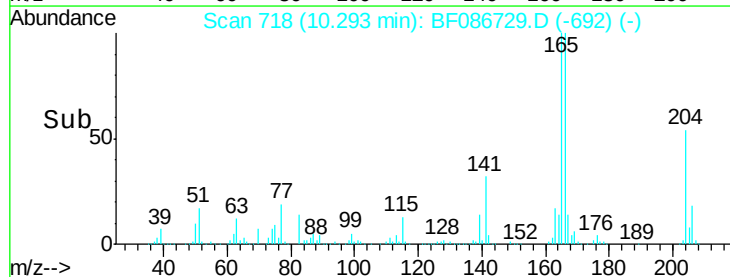
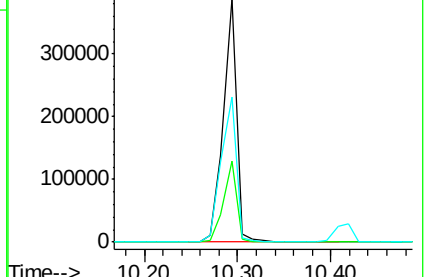
141 59.3 61.6 92.4#

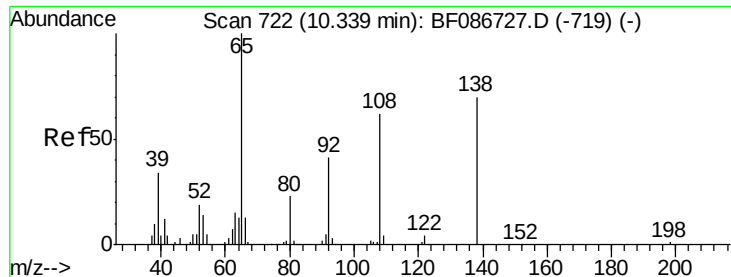


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

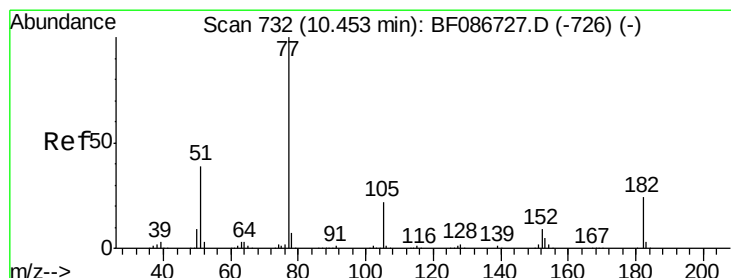
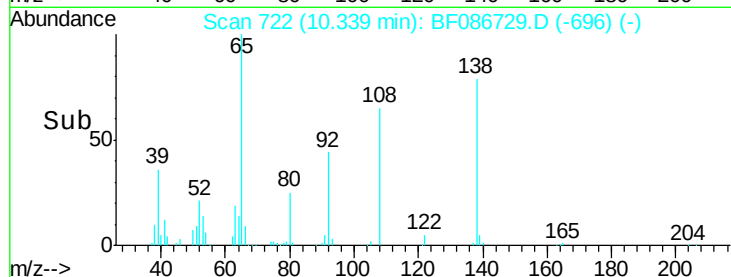
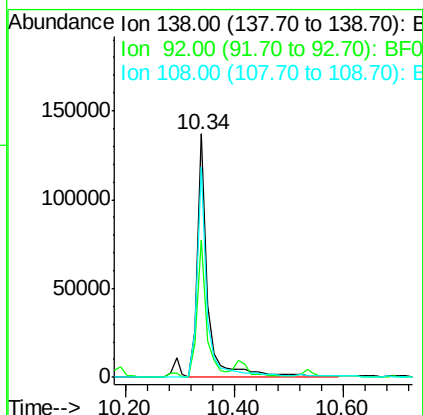
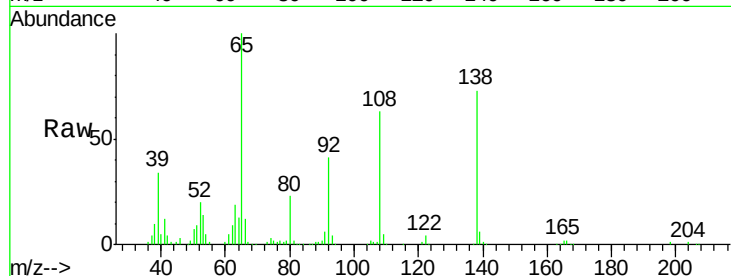




#61
4-Nitroaniline
Concen: 33.91 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

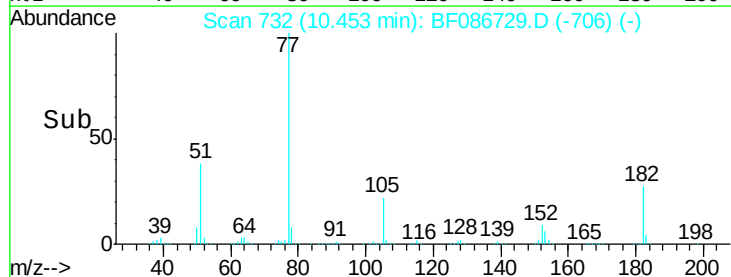
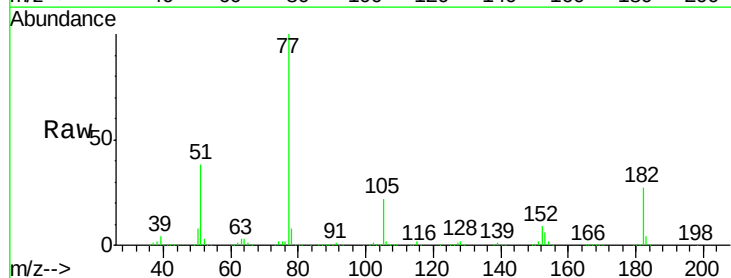
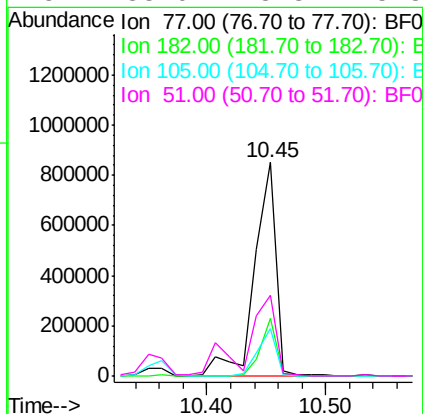
Instrument :
BNA_F
ClientSampleId :

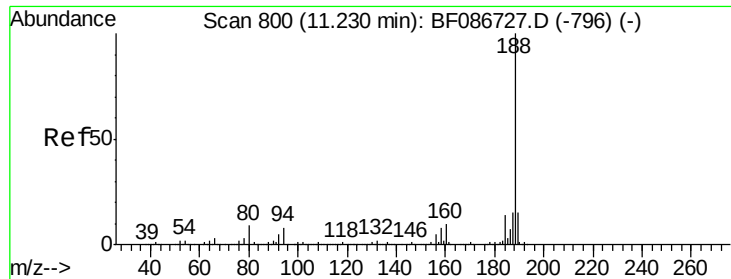
Tot Ion:138 Resp: 177813
Ion Ratio Lower Upper
138 100
92 56.2 24.7 64.7
108 86.1 37.4 77.4#



#62
Azobenzene
Concen: 45.41 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion: 77 Resp: 1065442
Ion Ratio Lower Upper
77 100
182 26.8 0.0 38.8
105 22.5 3.2 43.2
51 38.0 8.8 48.8

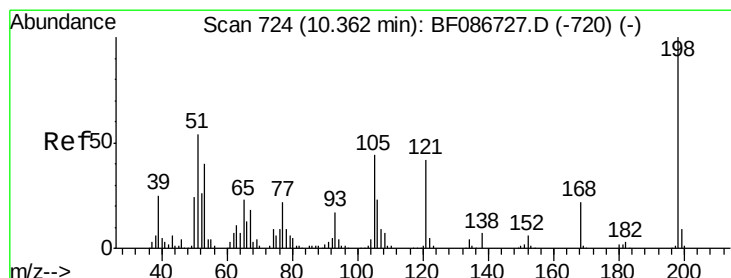
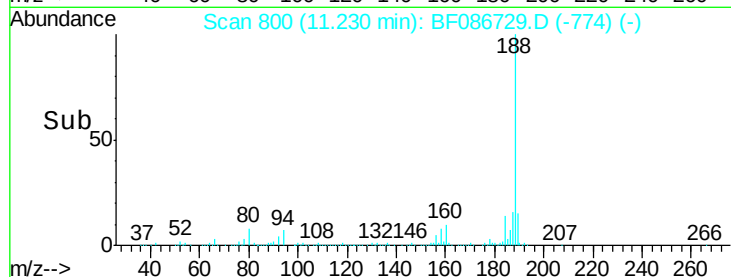
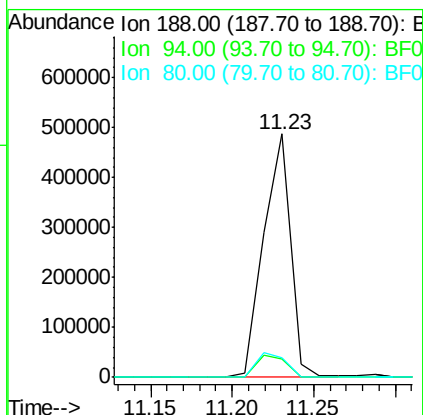
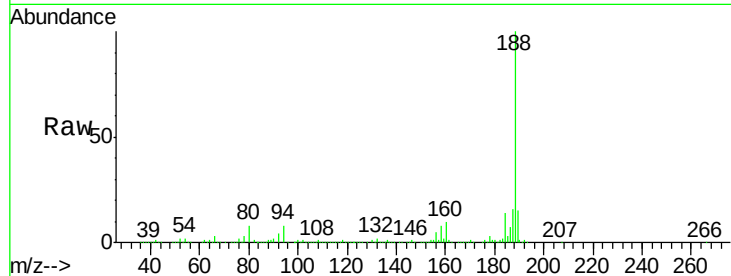




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

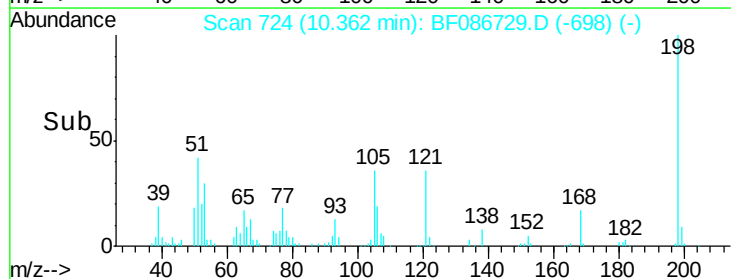
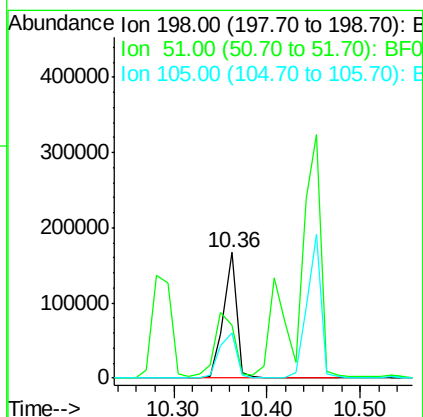
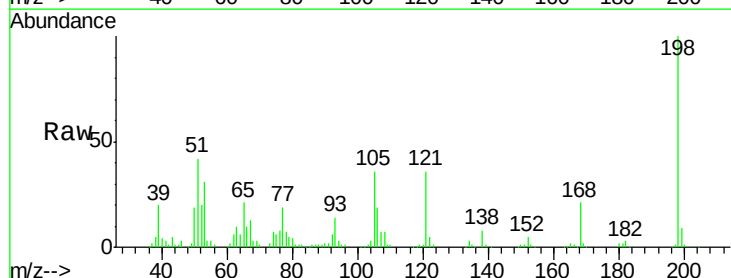
Instrument :
BNA_F
ClientSampleId :

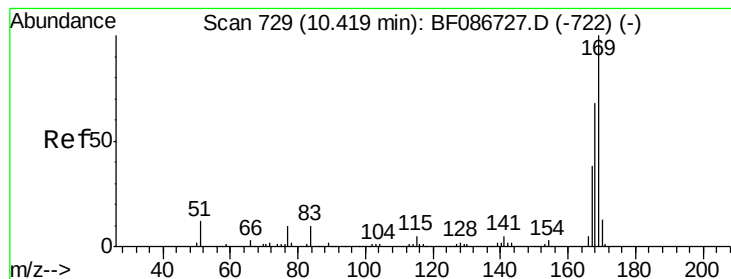
Tot Ion:188 Resp: 562973
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 55.08 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:198 Resp: 164993
Ion Ratio Lower Upper
198 100
51 42.0 20.5 60.5
105 36.0 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.32 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

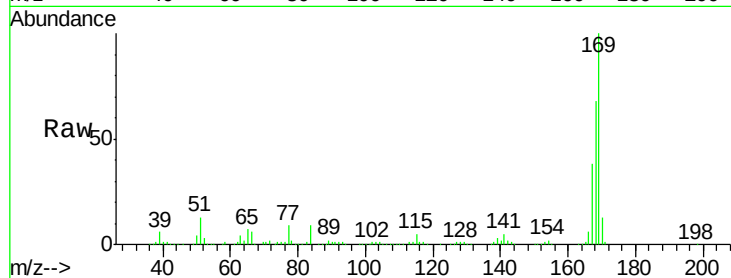
Tot Ion:169 Resp: 738659

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

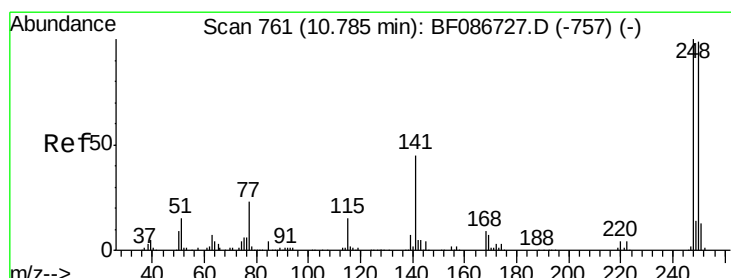
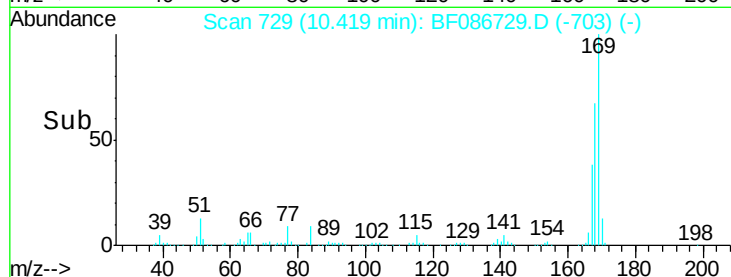
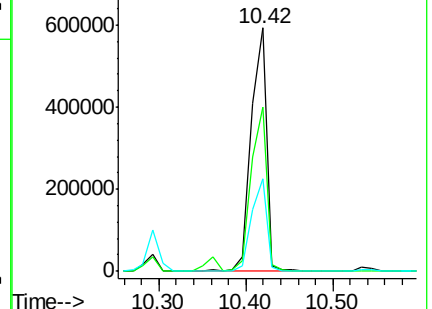
167 37.8 29.5 44.3



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: 38.57 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

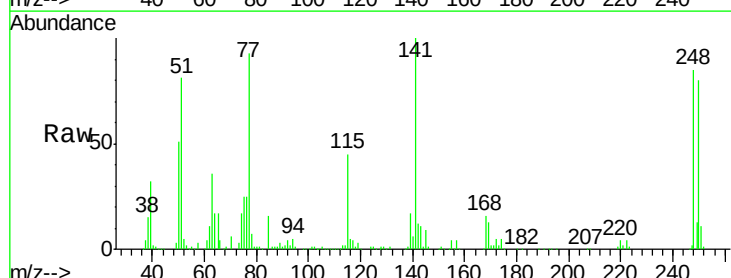
Tgt Ion:248 Resp: 215768

Ion Ratio Lower Upper

248 100

250 94.5 78.6 117.8

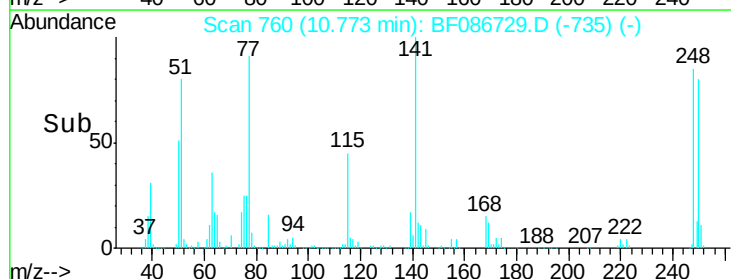
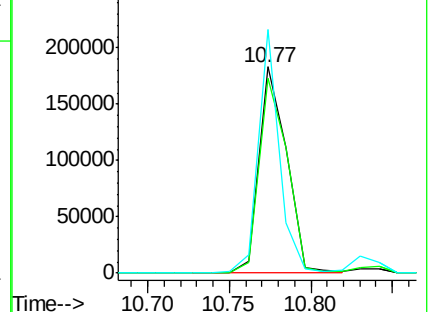
141 118.2 76.0 114.0#

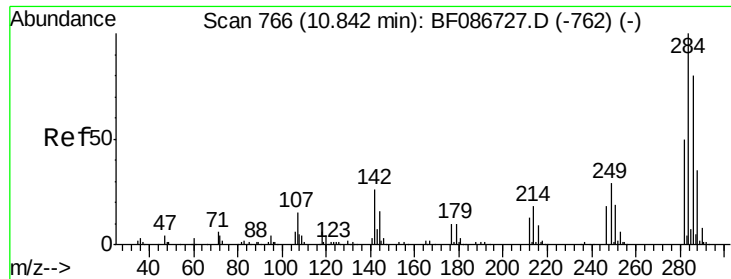


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

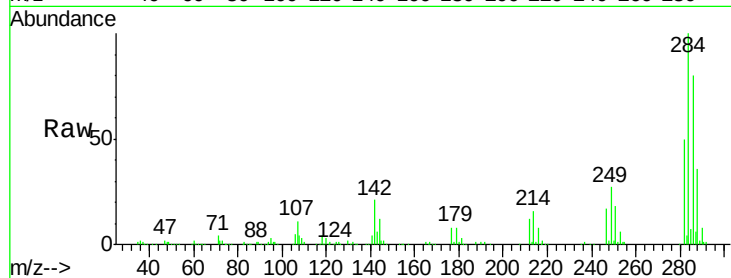




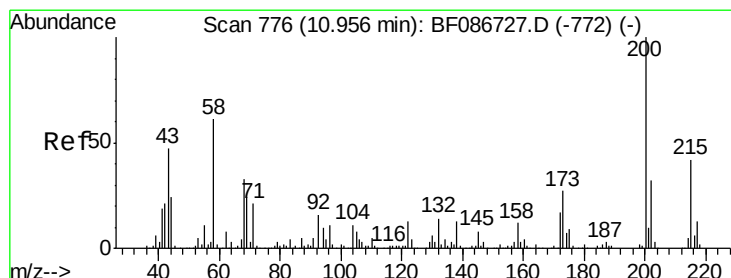
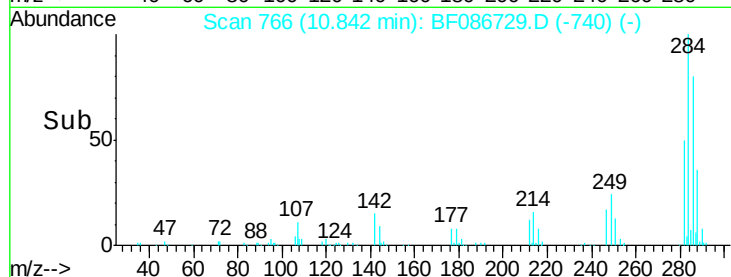
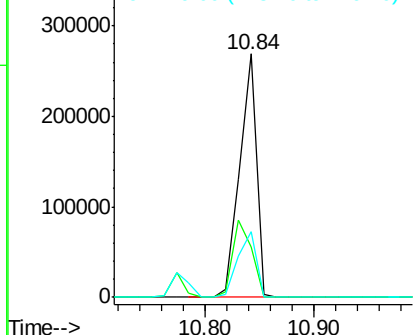
#67
Hexachlorobenzene
Concen: 41.70 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 284529
Ion Ratio Lower Upper
284 100
142 20.8 16.7 25.1
249 27.1 21.3 31.9

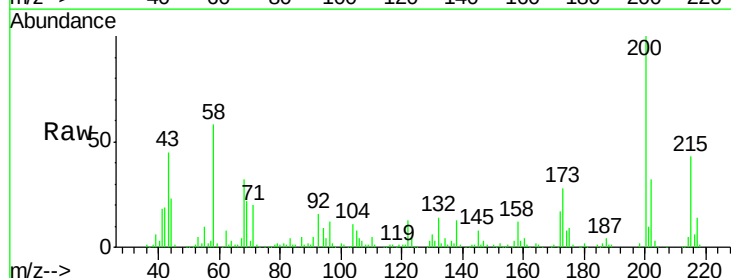


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

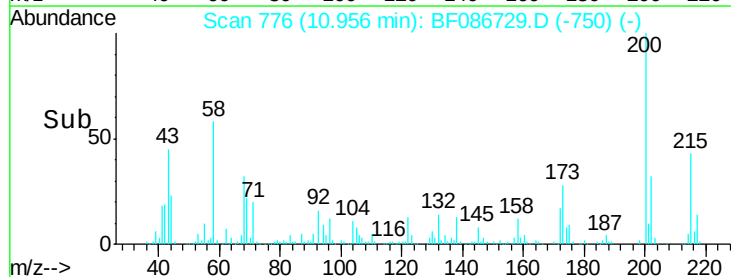
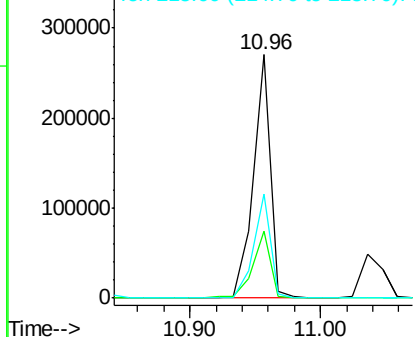


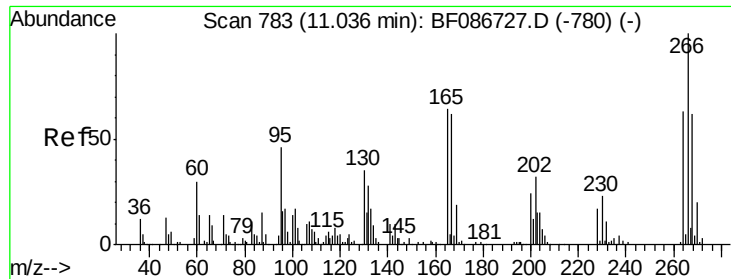
#68
Atrazine
Concen: 45.13 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF086729.D
Acq: 6 May 2016 17:40

Tgt Ion:200 Resp: 247208
Ion Ratio Lower Upper
200 100
173 27.5 8.5 48.5
215 43.0 27.2 67.2



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

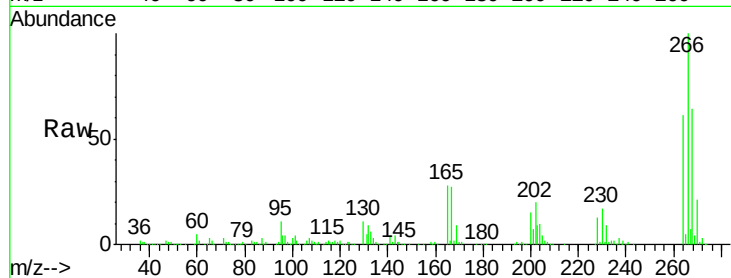




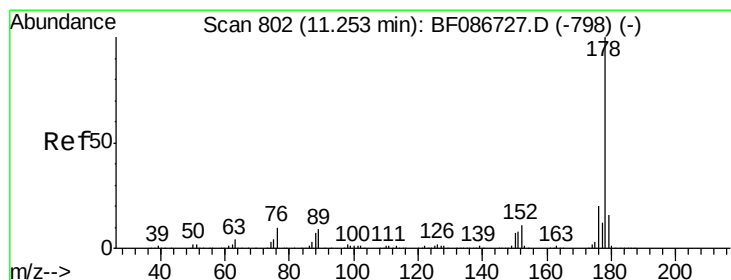
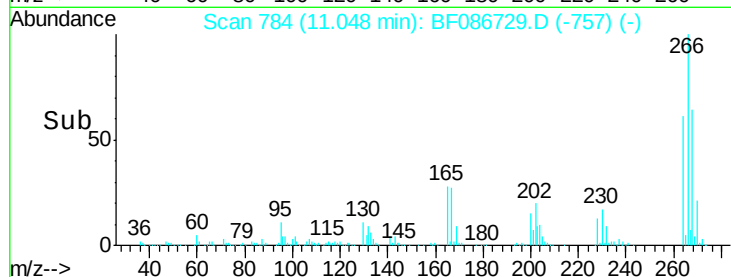
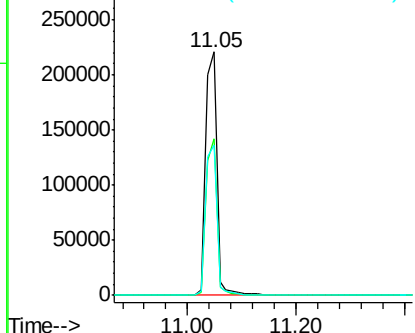
#69
 Pentachlorophenol
 Concen: 94.16 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 315419
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 61.4 52.9 79.3

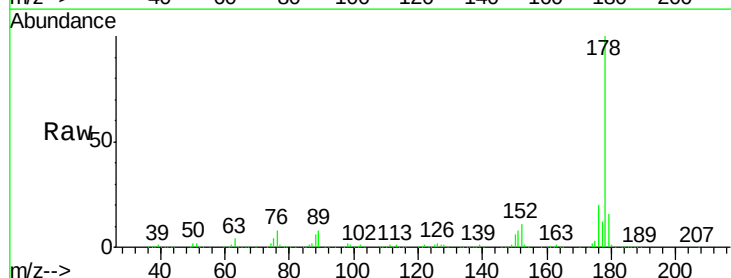


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

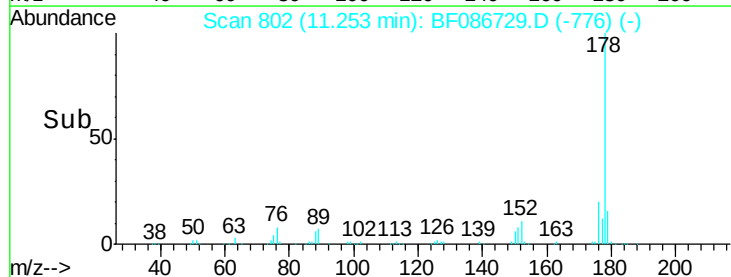
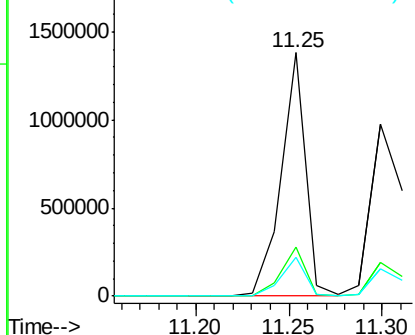


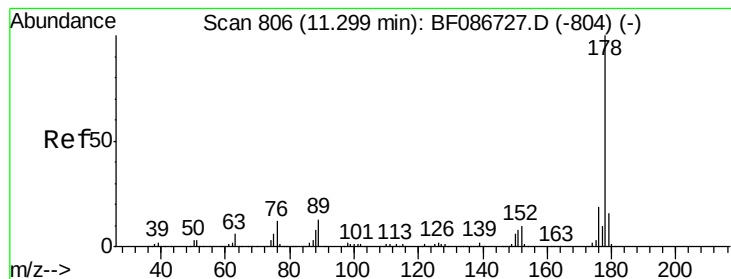
#70
 Phenanthrene
 Concen: 41.67 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:178 Resp: 1260022
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 37.29 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

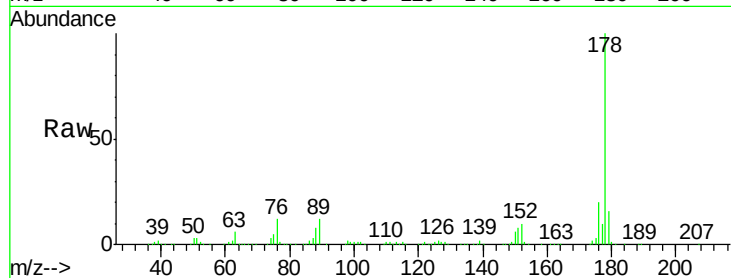
Tot Ion:178 Resp: 1180905

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

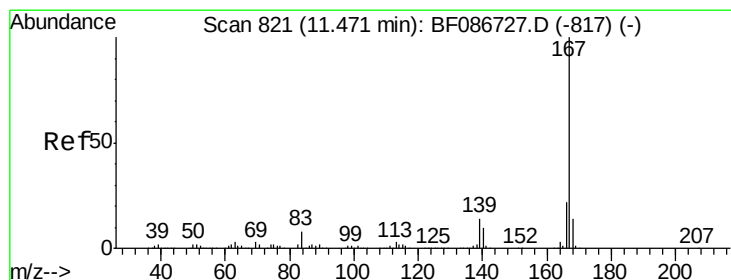
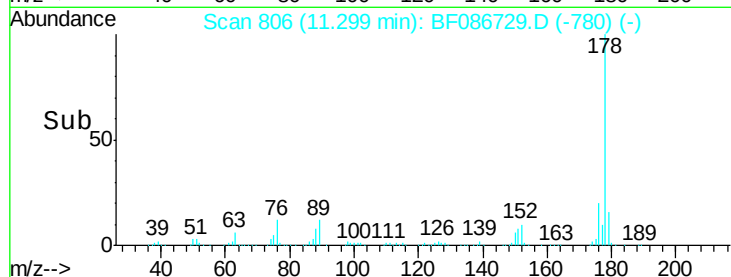
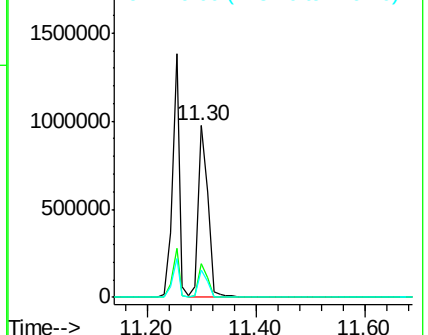
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.99 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

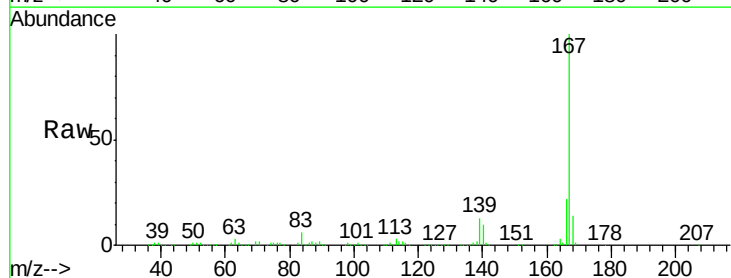
Tgt Ion:167 Resp: 1127194

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

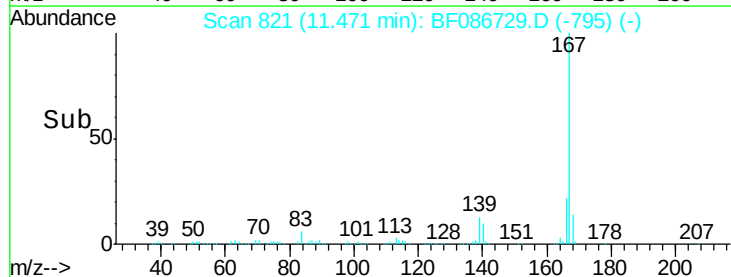
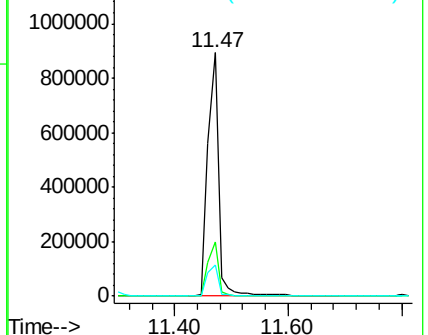
139 12.6 10.8 16.2

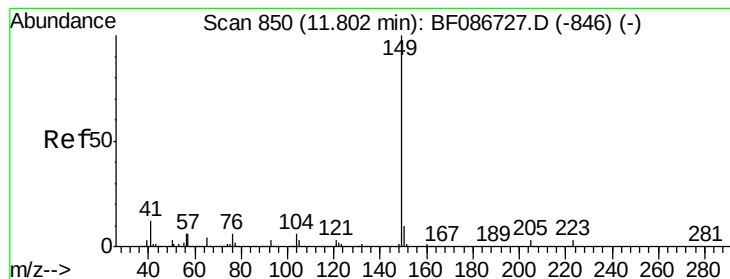


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.53 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

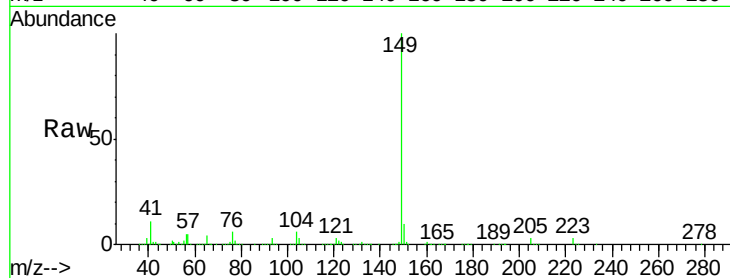
Tot Ion:149 Resp: 1355868

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

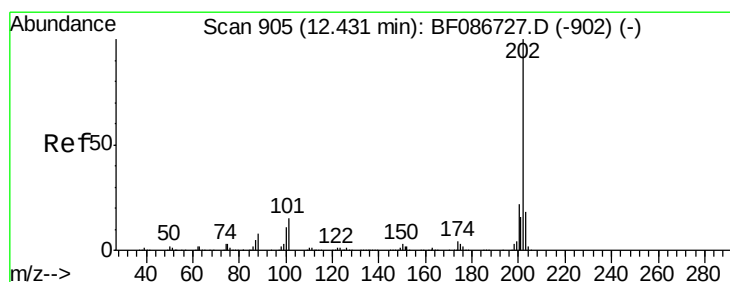
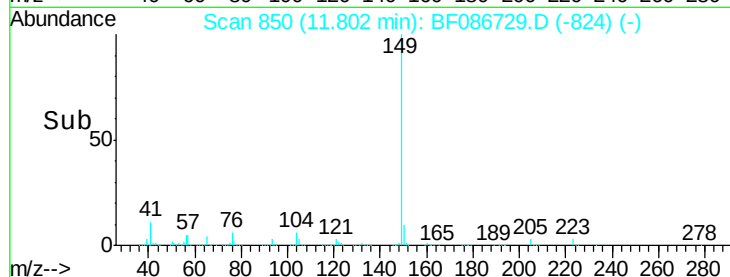
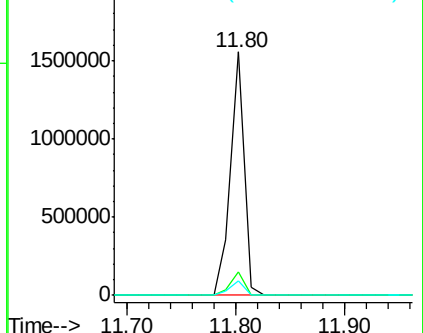
104 5.7 3.8 5.6#



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: 38.07 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

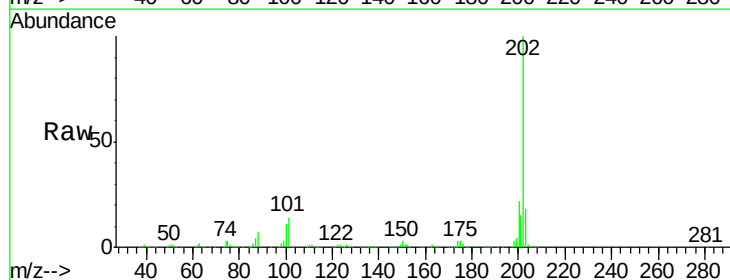
Tgt Ion:202 Resp: 1153645

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.4

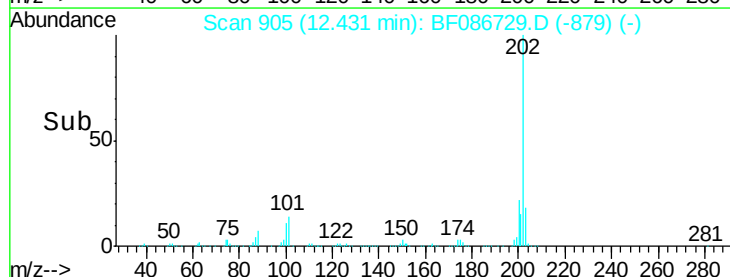
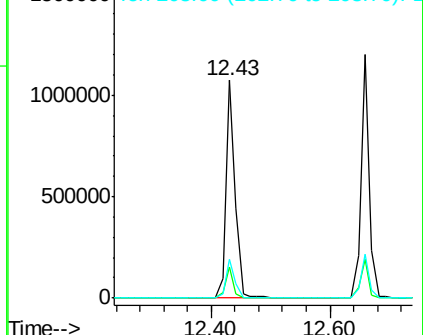
203 18.1 0.0 38.1

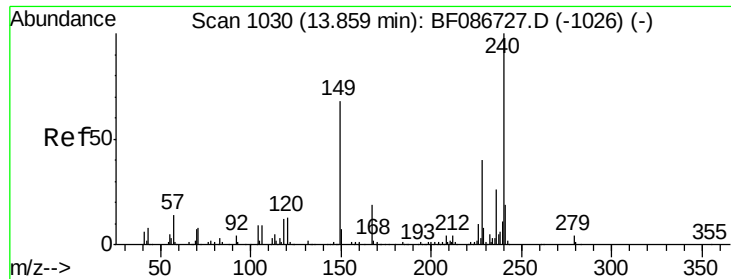


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

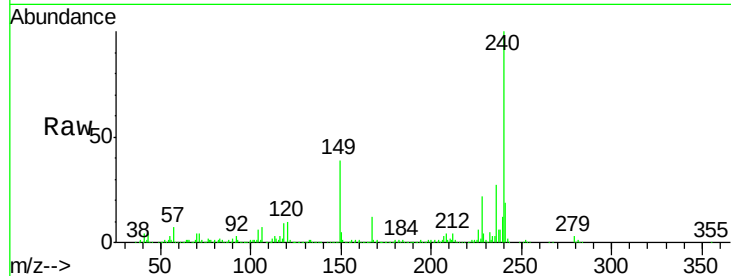
Tot Ion:240 Resp: 421247

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

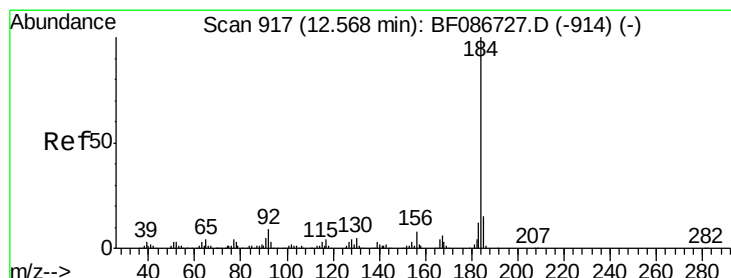
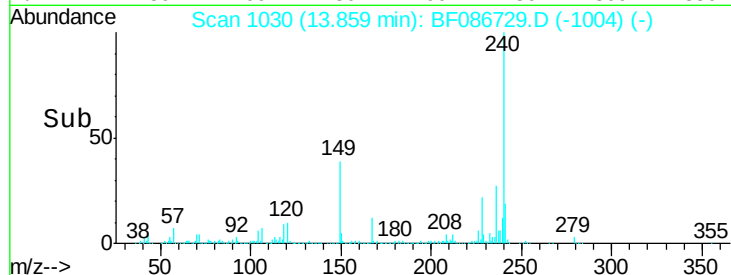
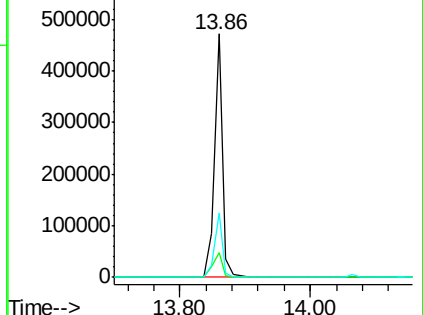
236 26.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.22 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

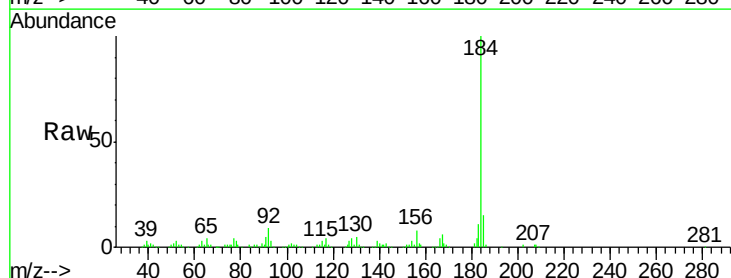
Tgt Ion:184 Resp: 313088

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

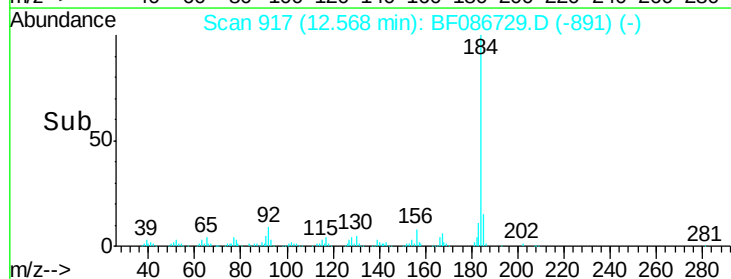
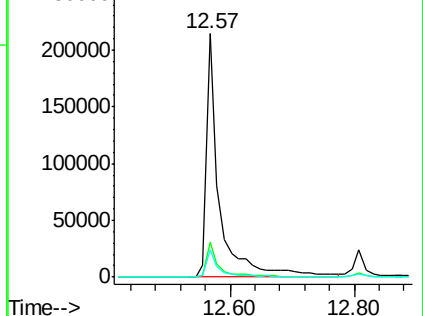
183 11.5 9.8 14.6

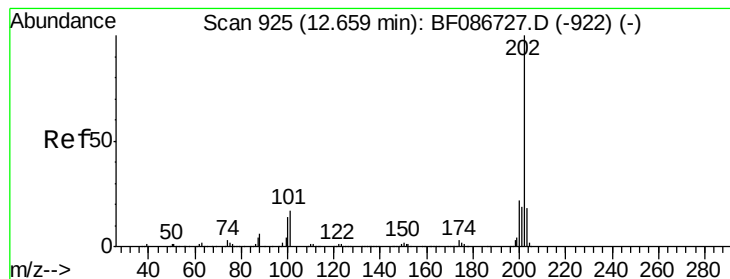


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.13 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

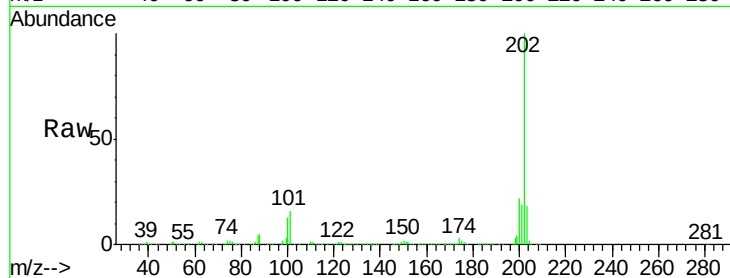
Tot Ion:202 Resp: 1146348

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

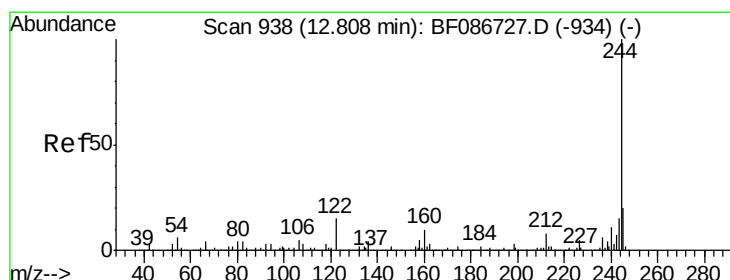
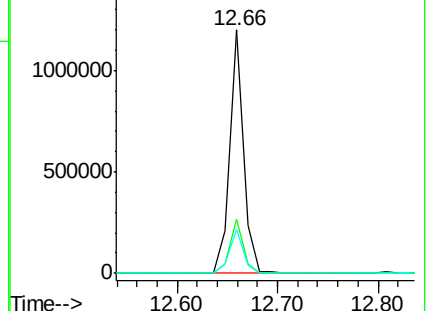
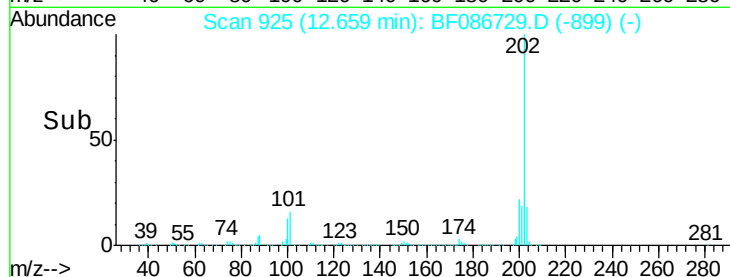
203 18.2 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.59 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

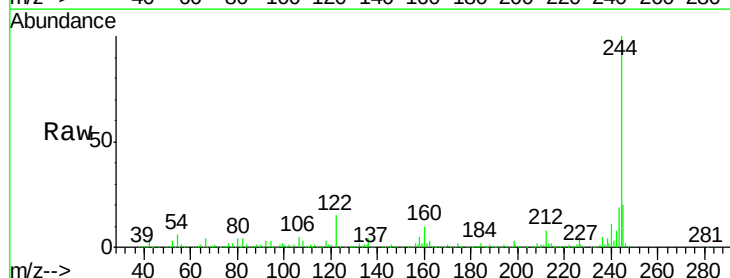
Tgt Ion:244 Resp: 1346221

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

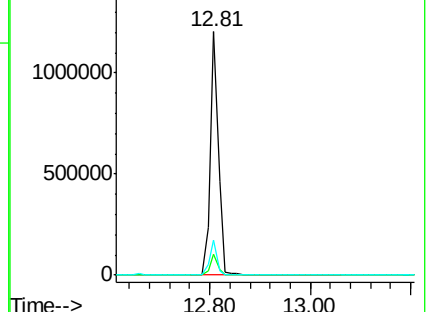
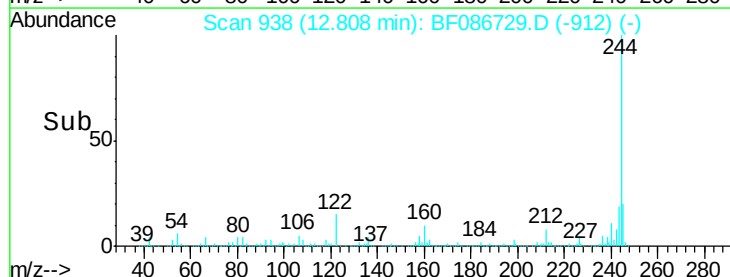
122 14.5 12.0 18.0

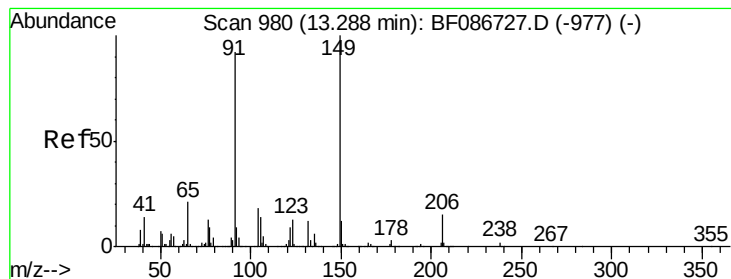


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.30 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

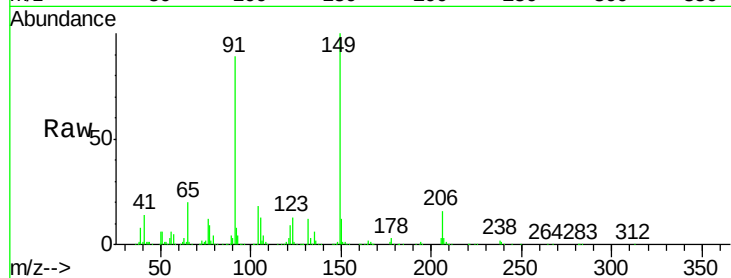
Tot Ion:149 Resp: 510586

Ion Ratio Lower Upper

149 100

91 89.1 48.0 72.0#

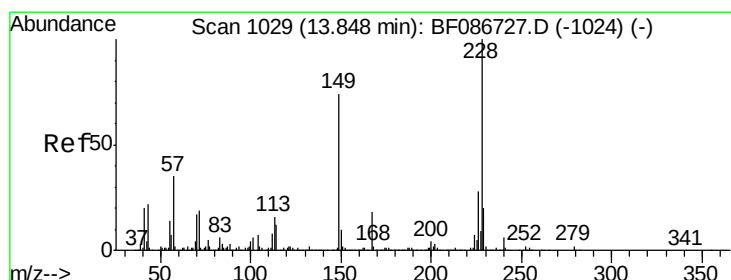
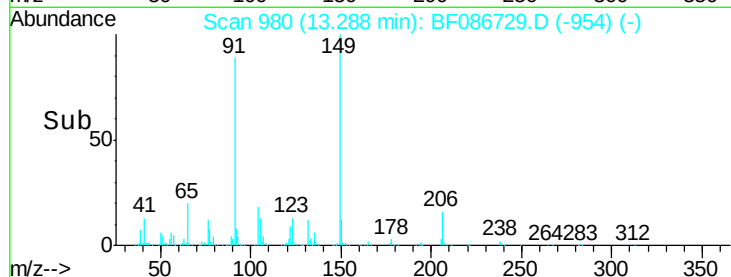
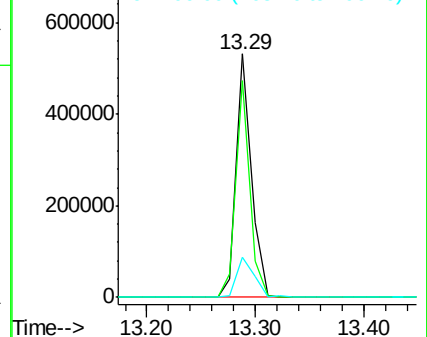
206 16.2 15.8 23.6



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: 38.95 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

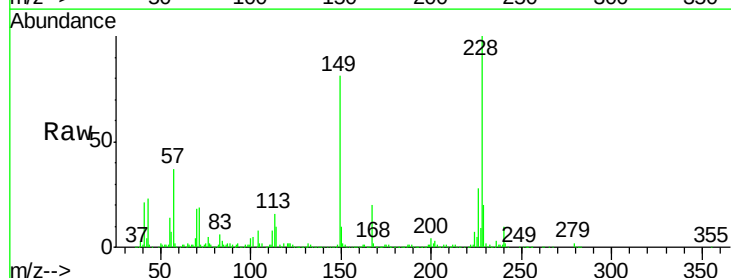
Tgt Ion:228 Resp: 927933

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

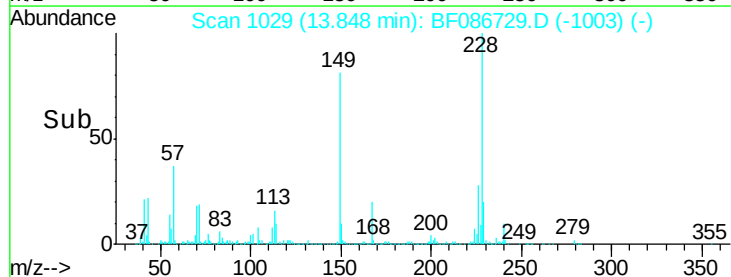
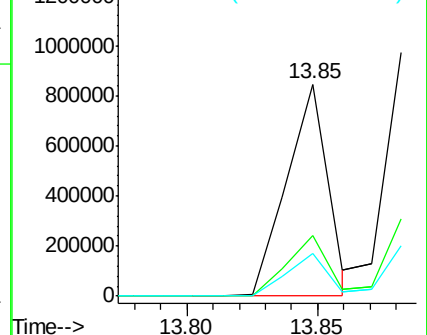
229 19.8 16.6 25.0

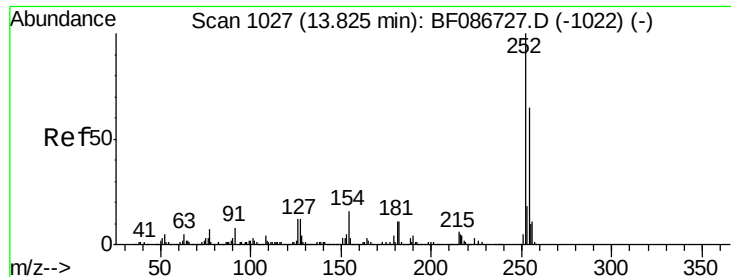


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

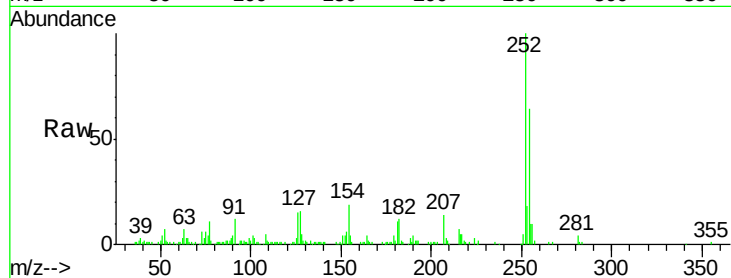




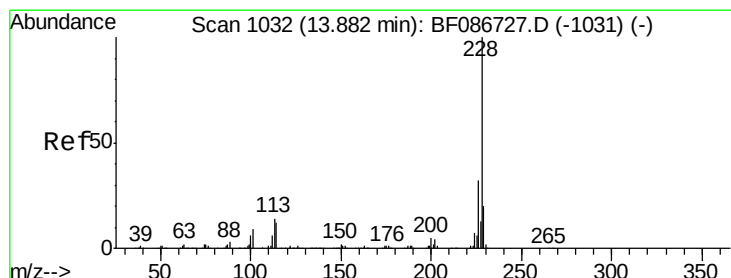
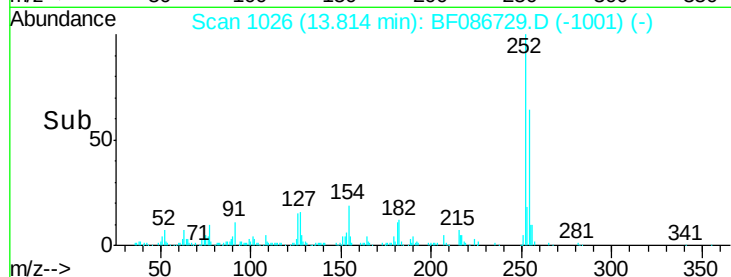
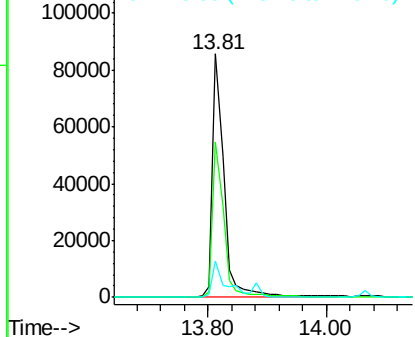
#81
 3,3'-Dichlorobenzidine
 Concen: 7.72 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 115616
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 15.0 12.7 19.1

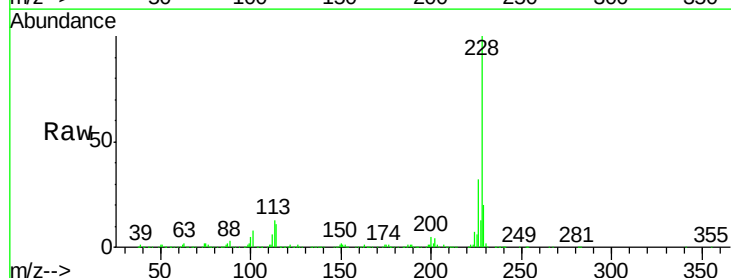


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

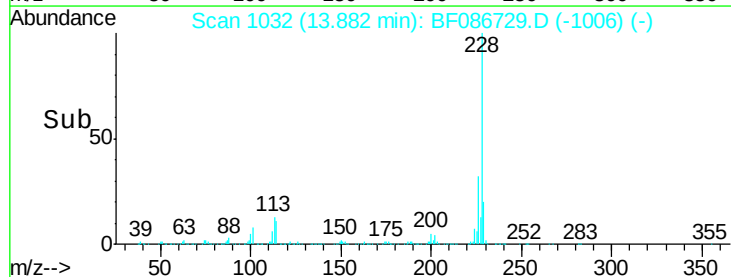
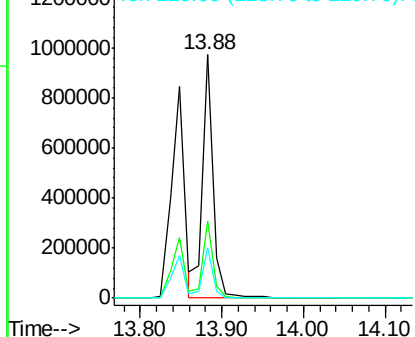


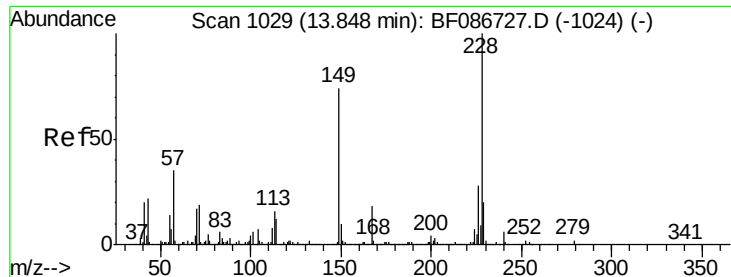
#82
 Chrysene
 Concen: 35.53 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:228 Resp: 902955
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.4 15.8 23.8



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

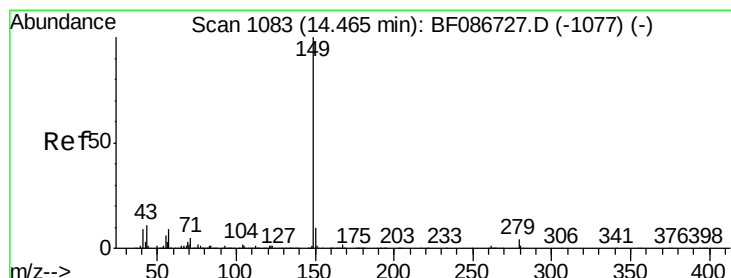
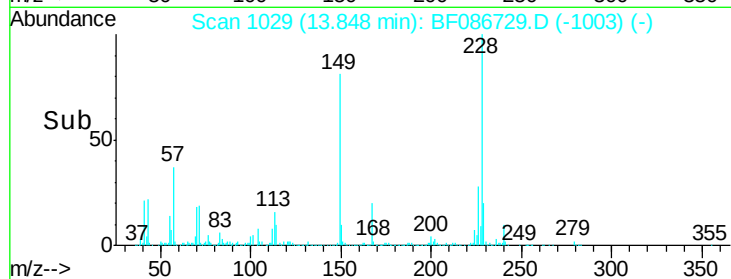
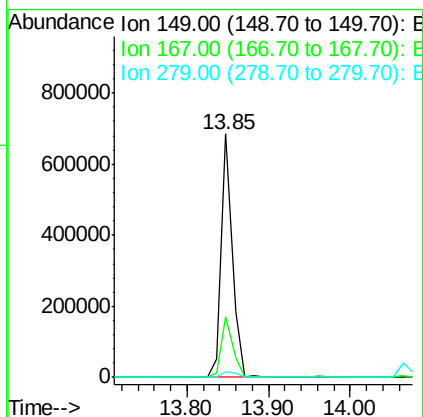
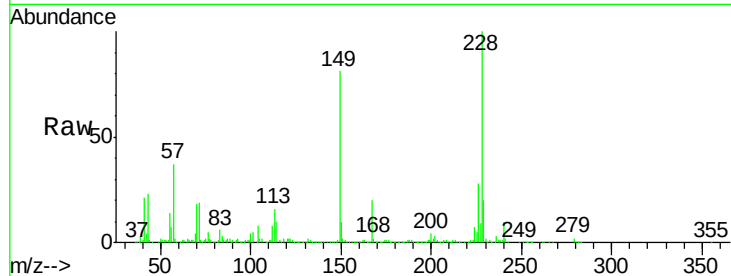




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.21 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

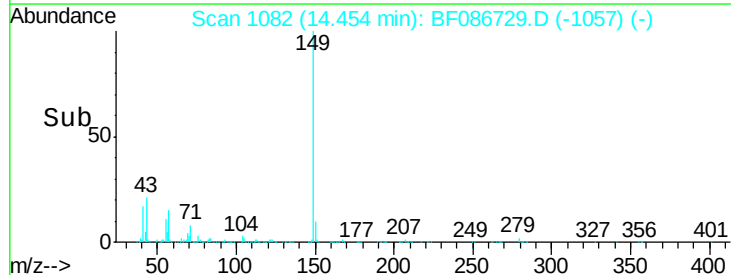
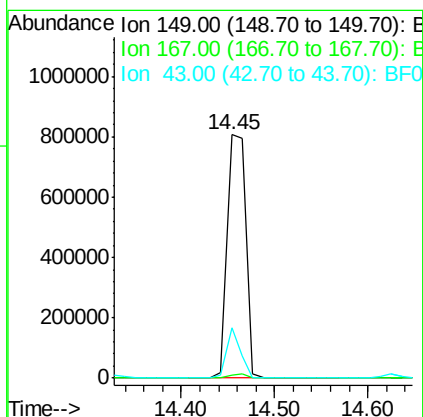
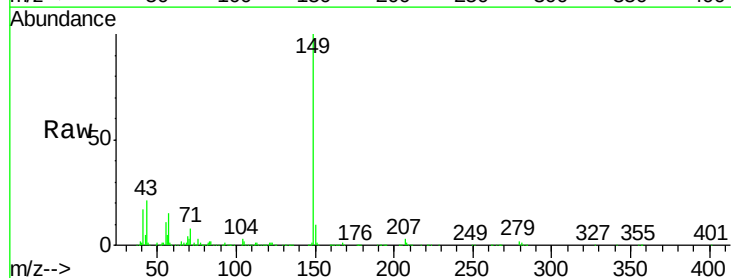
Instrument :
 BNA_F
 ClientSampleId :

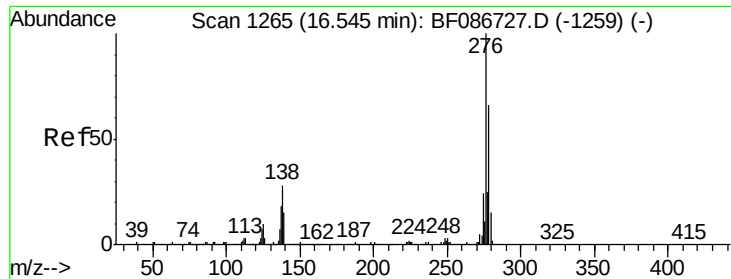
Tot Ion:149 Resp: 638247
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.8 32.6
 279 2.2 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 47.01 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086729.D
 Acq: 6 May 2016 17:40

Tgt Ion:149 Resp: 1125983
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 15.1 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.74 ng

RT: 16.55 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

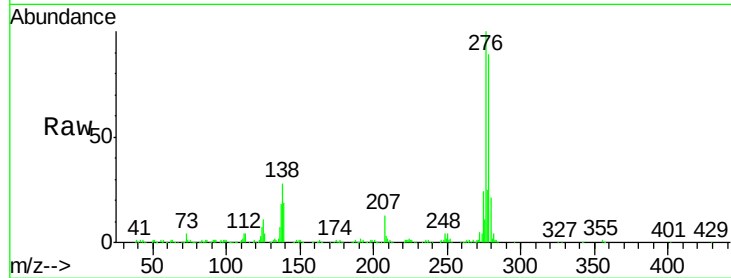
Tot Ion:276 Resp: 692191

Ion Ratio Lower Upper

276 100

138 27.4 25.6 38.4

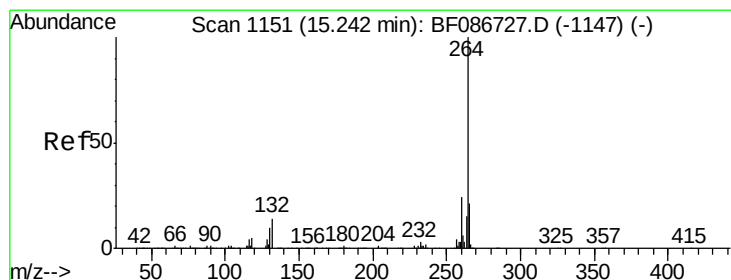
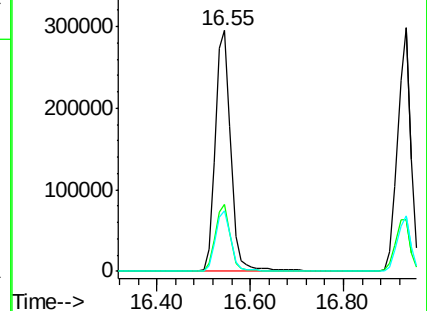
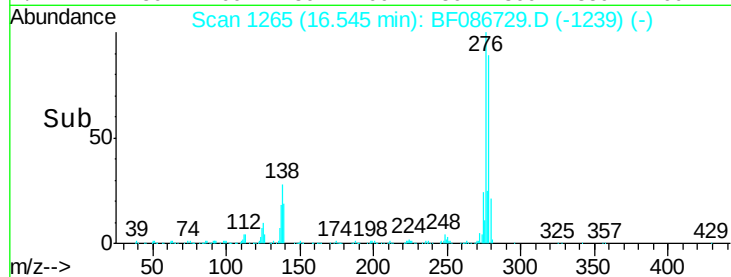
277 25.1 20.5 30.7



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

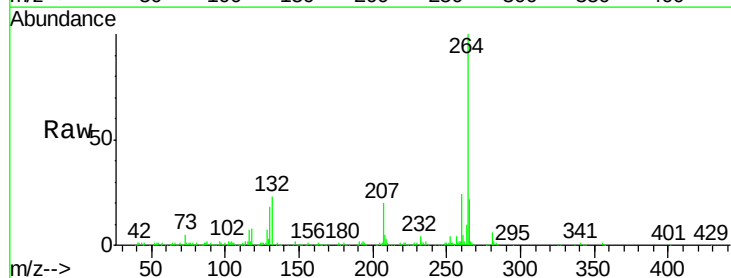
Tgt Ion:264 Resp: 316861

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

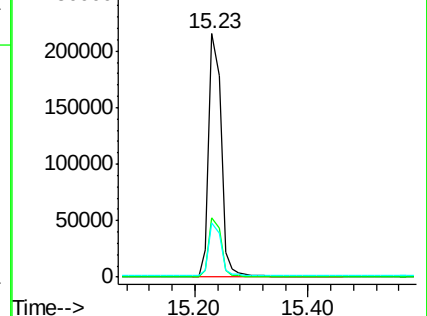
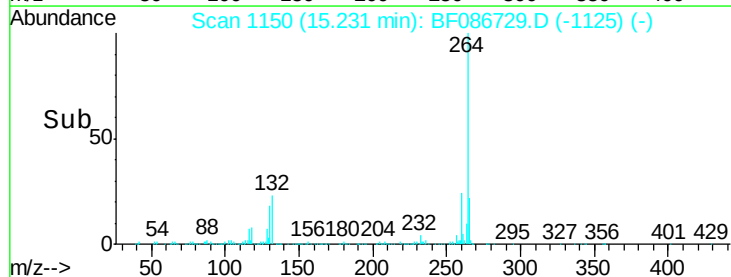
265 22.2 17.3 25.9

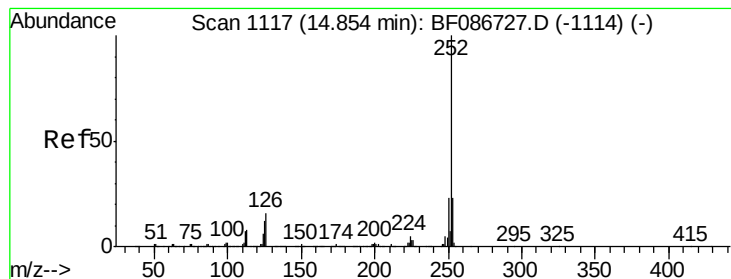


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 84.73 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

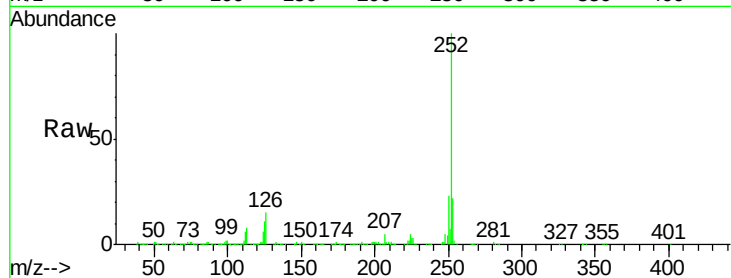
Tot Ion:252 Resp: 1613271

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

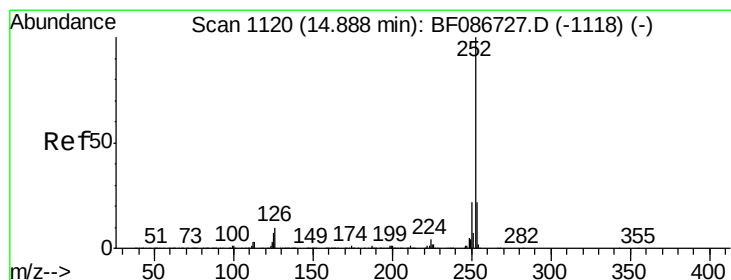
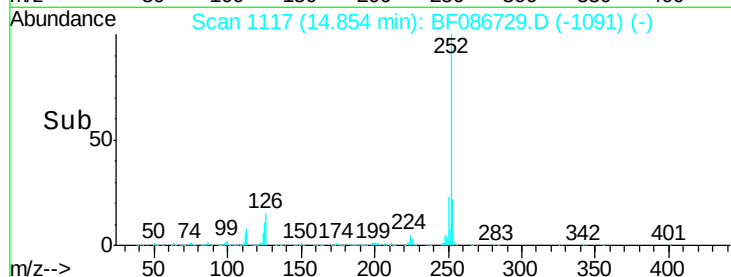
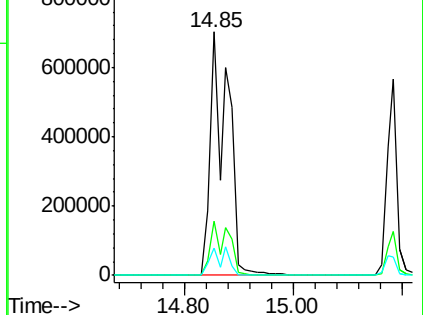
125 11.0 11.4 17.0#



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: 90.11 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

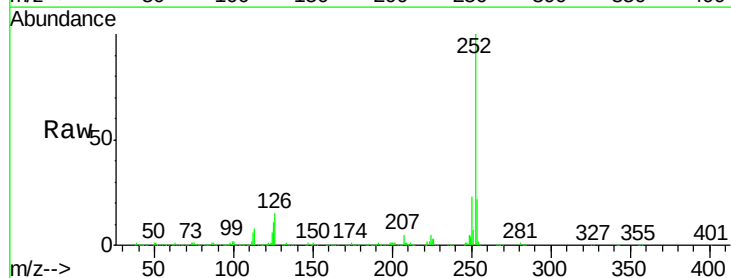
Tgt Ion:252 Resp: 1616573

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

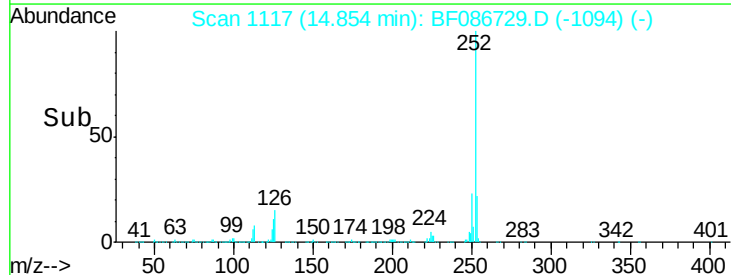
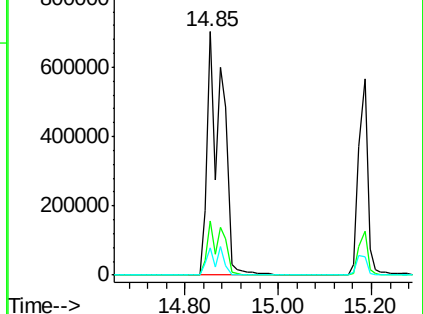
125 11.0 9.1 13.7

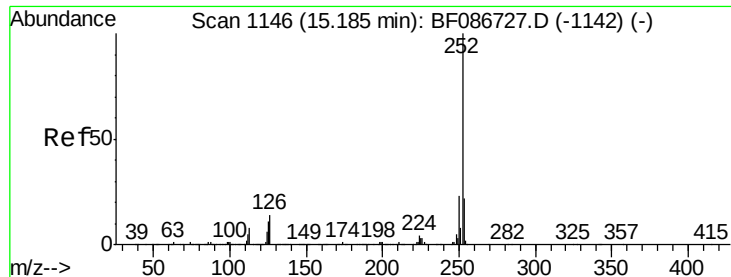


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.72 ng

RT: 15.19 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

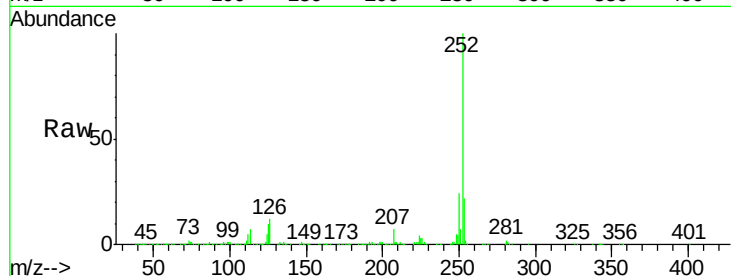
Tot Ion:252 Resp: 749258

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

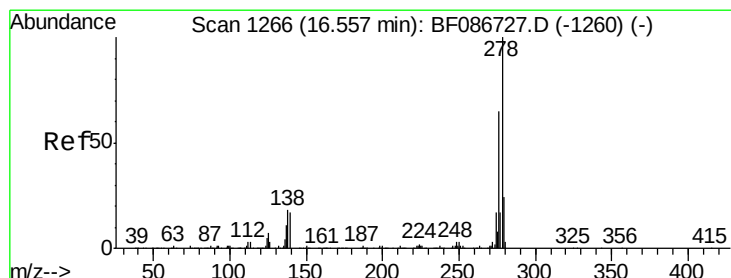
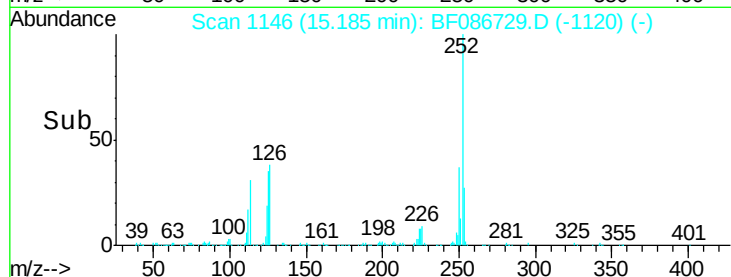
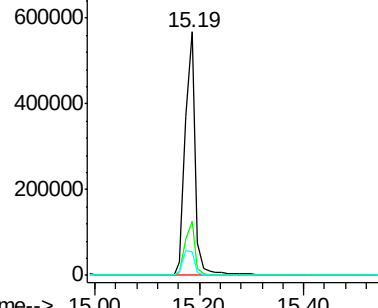
125 9.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.43 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

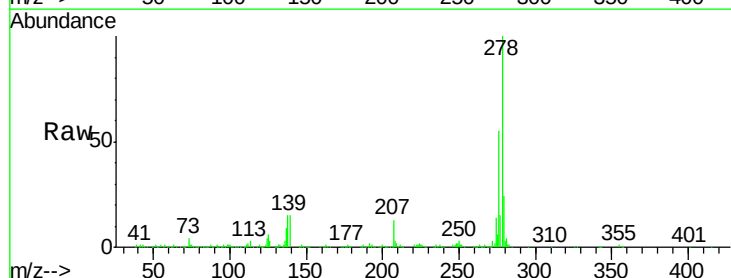
Tgt Ion:278 Resp: 580019

Ion Ratio Lower Upper

278 100

139 14.5 16.6 24.8#

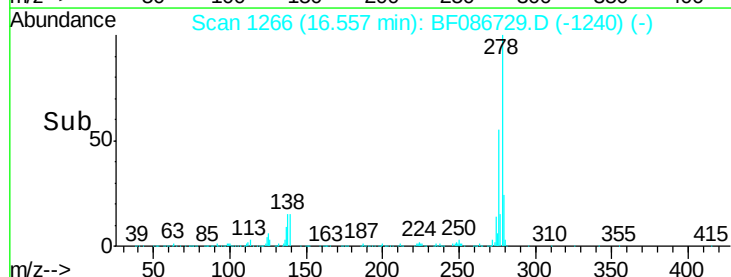
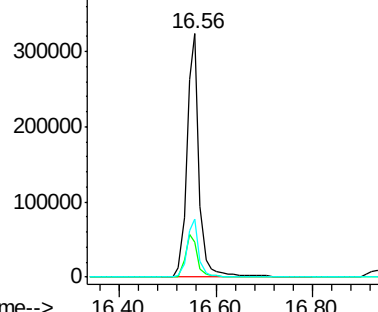
279 24.0 19.6 29.4

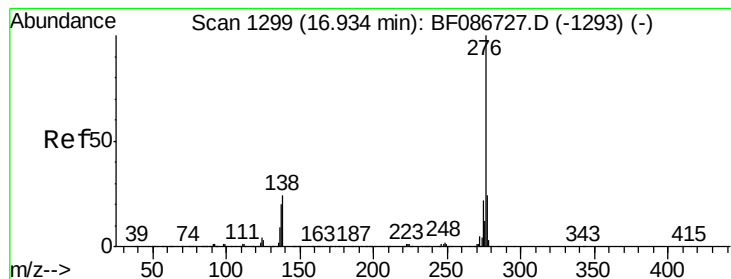


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.32 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF086729.D

Acq: 6 May 2016 17:40

Instrument :

BNA_F

ClientSampleId :

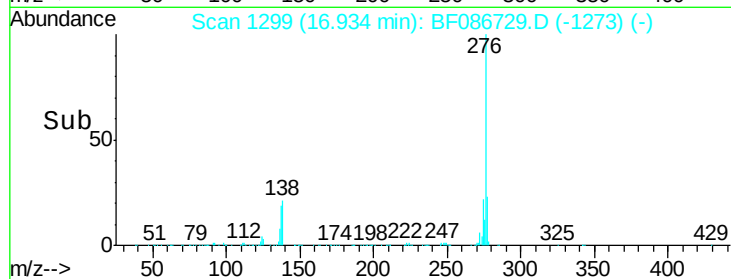
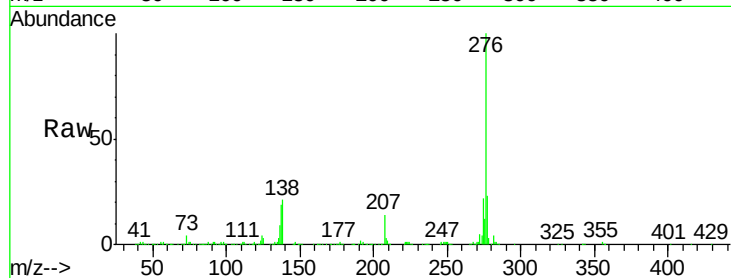
Tot Ion: 276 Resp: 589322

Ion Ratio Lower Upper

276 100

277 23.0 19.6 29.4

138 21.4 23.6 35.4#



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

