

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086731.D
 Acq On : 6 May 2016 18:37
 Operator : UM/SJ
 Sample : H2802-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 03:25:28 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	182132	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	718506	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	317596	40.00	ng	0.00
63) Phenanthrene-d10	11.23	188	567070	40.00	ng	0.00
75) Chrysene-d12	13.86	240	393472	40.00	ng	0.00
86) Perylene-d12	15.24	264	324578	40.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	685952	62.35	ng	0.00
7) Phenol-d6	6.38	99	581825	39.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	1297370	92.79	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	472460	152.07	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	2061484	106.40	ng	0.00
78) Terphenyl-d14	12.81	244	1440830	74.01	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	81025	14.25	ng	# 75
3) Pyridine	3.15	79	136096	9.76	ng	# 66
4) n-Nitrosodimethylamine	2.94	42	146598	17.33	ng	# 49
6) Aniline	6.38	93	189568	10.36	ng	# 55
8) 2-Chlorophenol	6.51	128	484552	36.70	ng	97
9) Benzaldehyde	6.26	77	97082	13.13	ng	98
10) Phenol	6.40	94	226510	13.97	ng	72
11) bis(2-Chloroethyl)ether	6.45	93	560765	40.18	ng	84
12) 1,3-Dichlorobenzene	6.65	146	600999	42.87	ng	# 95
13) 1,4-Dichlorobenzene	6.73	146	619566	42.74	ng	95
14) 1,2-Dichlorobenzene	6.88	146	504130	39.94	ng	94
15) Benzyl Alcohol	6.88	79	314270	32.78	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1187683	41.63	ng	80
17) 2-Methylphenol	7.00	107	314660	29.60	ng	# 69
18) Hexachloroethane	7.22	117	239623	43.79	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	465369	45.96	ng	# 68
20) 3+4-Methylphenols	7.16	107	366259	29.43	ng	# 60
22) Acetophenone	7.14	105	896761	53.56	ng	99
24) Nitrobenzene	7.31	77	756776	52.35	ng	93
25) Isophorone	7.56	82	1234655	47.42	ng	# 98
26) 2-Nitrophenol	7.62	139	296193	45.92	ng	# 69
27) 2,4-Dimethylphenol	7.68	122	433118	38.24	ng	86
28) bis(2-Chloroethoxy)methane	7.77	93	801625	55.93	ng	98
29) 2,4-Dichlorophenol	7.87	162	438601	45.04	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	502783	46.28	ng	95
31) Naphthalene	8.02	128	1605193	43.73	ng	98
32) Benzoic acid	7.82	122	147500	35.95	ng	# 76
33) 4-Chloroaniline	8.09	127	60401	4.25	ng	# 94
34) Hexachlorobutadiene	8.13	225	285059	46.22	ng	98
35) Caprolactam	8.53	113	20248	6.72	ng	# 21
36) 4-Chloro-3-methylphenol	8.58	107	440734	39.67	ng	92
37) 2-Methylnaphthalene	8.72	142	1133911	52.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	435920	47.42	ng	# 96
40) Hexachlorocyclopentadiene	8.86	237	557758	127.67	ng	95

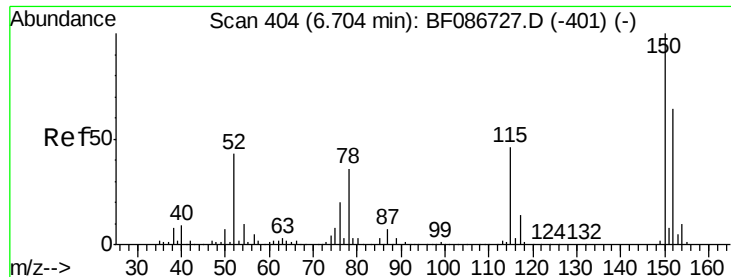
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086731.D
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 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	316334	54.11	nq	93
43) 2,4,5-Trichlorophenol	9.06	196	310368	50.82	nq	95
45) 1,1'-Biphenyl	9.17	154	1292832	49.79	nq	96
46) 2-Chloronaphthalene	9.20	162	954698	47.65	nq	# 92
47) 2-Nitroaniline	9.31	65	347756	48.82	nq	# 77
48) Acenaphthylene	9.61	152	1471576	49.47	nq	98
49) Dimethylphthalate	9.49	163	1172000	49.50	nq	98
50) 2,6-Dinitrotoluene	9.55	165	225605	44.40	nq	# 73
51) Acenaphthene	9.78	154	924038	47.09	nq	98
52) 3-Nitroaniline	9.72	138	119831	20.75	nq	# 76
53) 2,4-Dinitrophenol	9.84	184	312520	116.14	nq	# 80
54) Dibenzofuran	9.96	168	1347615	55.41	nq	100
55) 4-Nitrophenol	9.96	139	695065	206.40	nq	# 18
56) 2,4-Dinitrotoluene	9.95	165	284465	45.18	nq	# 57
57) Fluorene	10.29	166	933869	47.38	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	274496	61.20	nq	99
59) Diethylphthalate	10.19	149	1181830	52.74	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	481313	51.37	nq	93
61) 4-Nitroaniline	10.34	138	146744	26.44	nq	# 71
62) Azobenzene	10.45	77	1444027	58.15	nq	88
64) 4,6-Dinitro-2-methylphenol	10.36	198	195808	62.01	nq	# 69
65) n-Nitrosodiphenylamine	10.42	169	920466	51.12	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	290421	51.54	nq	# 76
67) Hexachlorobenzene	10.84	284	348366	50.69	nq	# 84
68) Atrazine	10.97	200	300987	54.55	nq	94
69) Pentachlorophenol	11.05	266	376485	110.50	nq	97
70) Phenanthrene	11.25	178	1372459	45.06	nq	99
71) Anthracene	11.31	178	1575281	49.39	nq	100
72) Carbazole	11.47	167	1293266	46.69	nq	98
73) Di-n-butylphthalate	11.80	149	1554620	47.28	nq	# 98
74) Fluoranthene	12.44	202	1489337	48.79	nq	90
76) Benzidine	12.64	184	3289	7.35	nq	# 1
77) Pyrene	12.66	202	1380892	44.02	nq	99
79) Butylbenzylphthalate	13.29	149	626785	47.70	nq	# 65
80) Benzo(a)anthracene	13.85	228	1119944	50.33	nq	99
82) Chrysene	13.88	228	943686	39.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	776447	51.07	nq	# 96
84) Di-n-octyl phthalate	14.45	149	1395733	62.38	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.55	276	982815	48.25	nq	95
87) Benzo(b)fluoranthene	14.89	252	2010943	103.11	nq	# 93
88) Benzo(k)fluoranthene	14.89	252	2012671	109.53	nq	# 96
89) Benzo(a)pyrene	15.19	252	934089	51.99	nq	99
90) Dibenzo(a,h)anthracene	16.56	278	802823	46.52	nq	97
91) Benzo(g,h,i)perylene	16.93	276	841515	46.45	nq	95

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

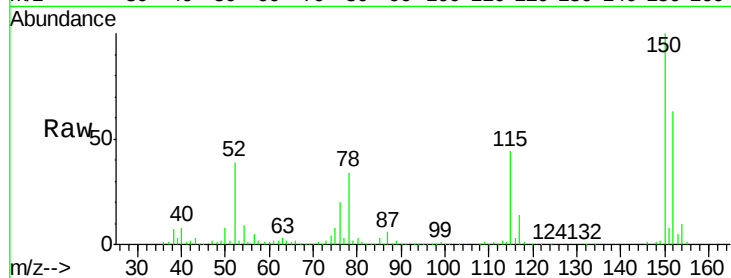


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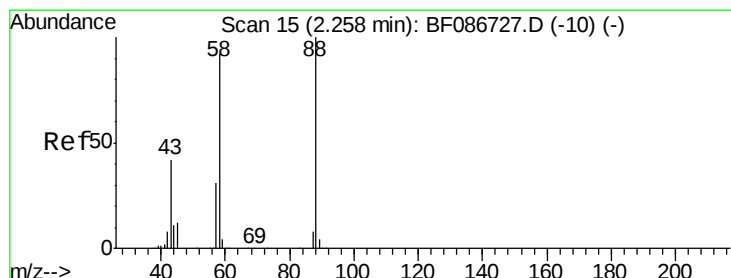
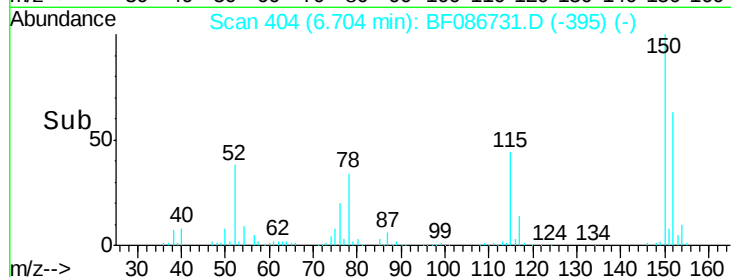
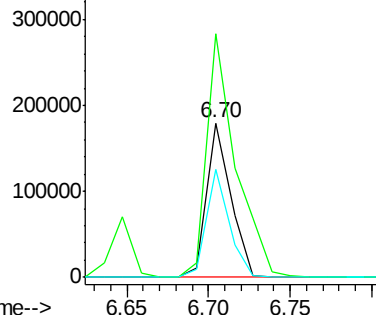
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182132
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 69.9 51.5 77.3



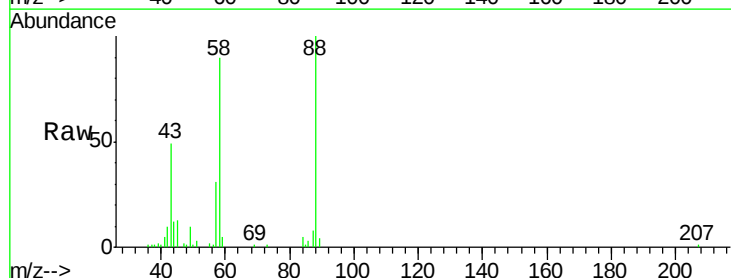
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



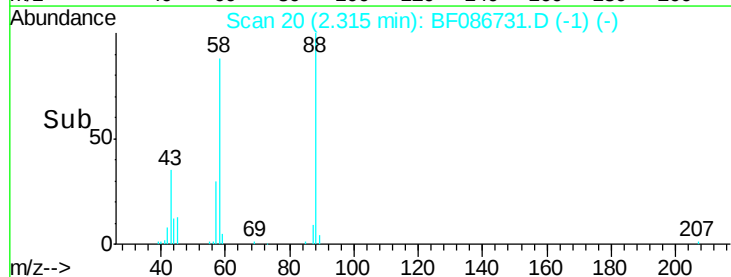
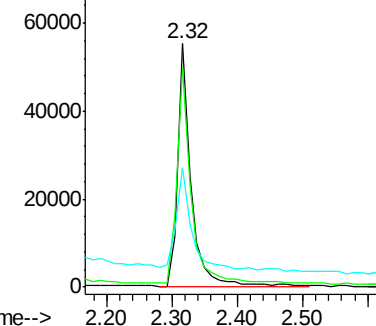
#2

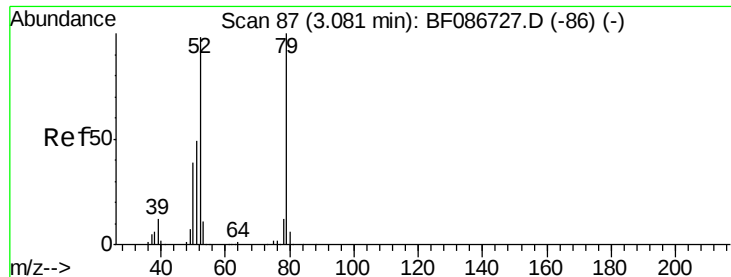
1,4-Dioxane
Concen: 14.25 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.06 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion: 88 Resp: 81025
Ion Ratio Lower Upper
88 100
58 89.2 59.6 89.4
43 51.7 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: 9.76 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.07 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

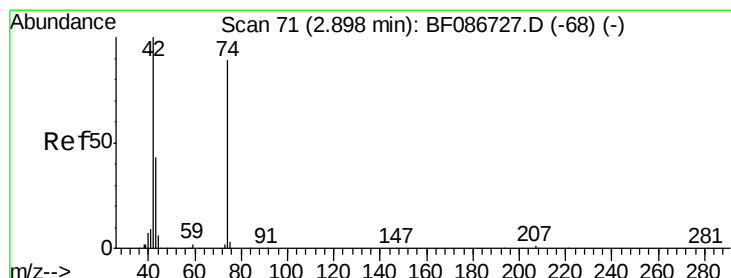
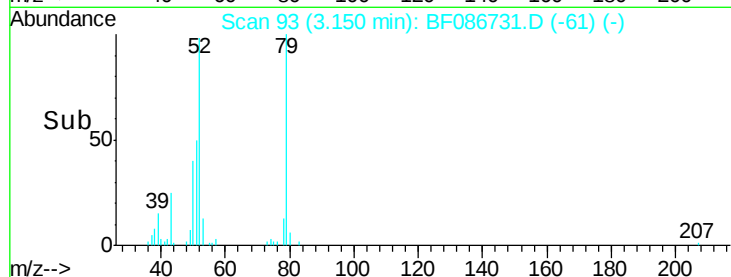
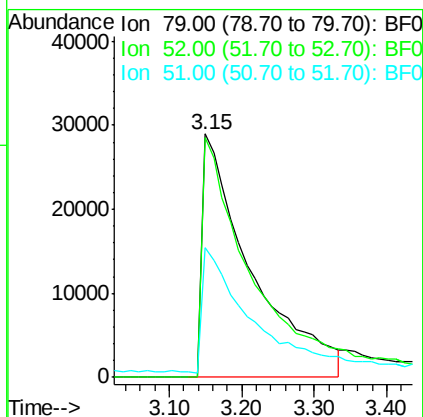
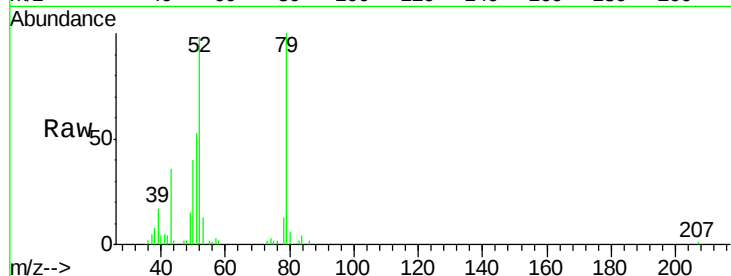
Tot Ion: 79 Resp: 136096

Ion Ratio Lower Upper

79 100

52 98.2 55.9 83.9#

51 53.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 17.33 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.05 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

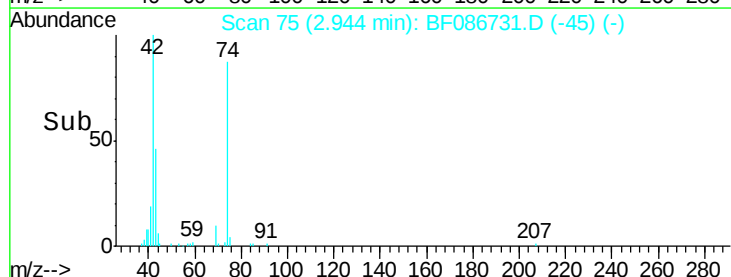
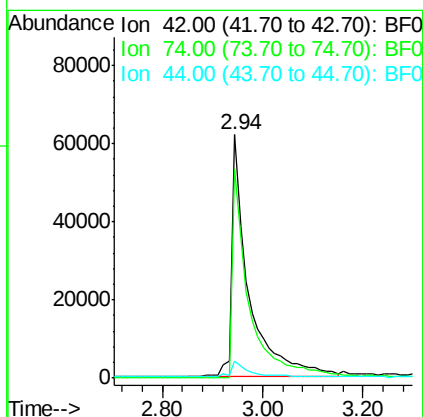
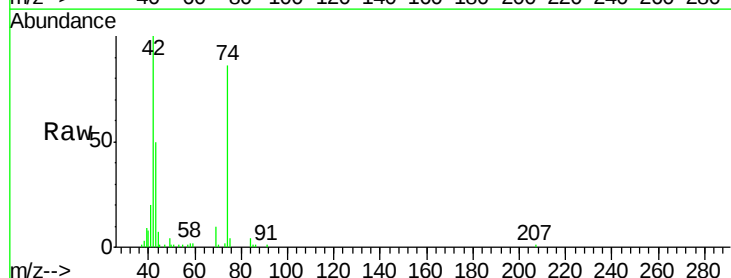
Tgt Ion: 42 Resp: 146598

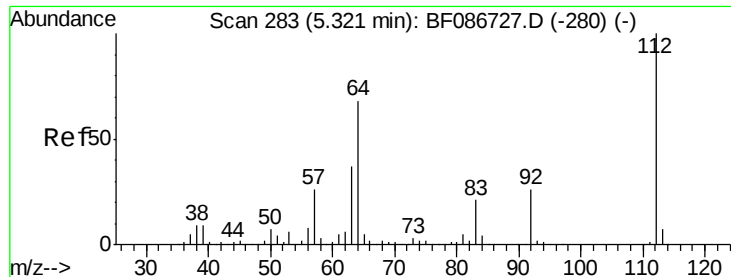
Ion Ratio Lower Upper

42 100

74 85.9 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 62.35 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086731.D

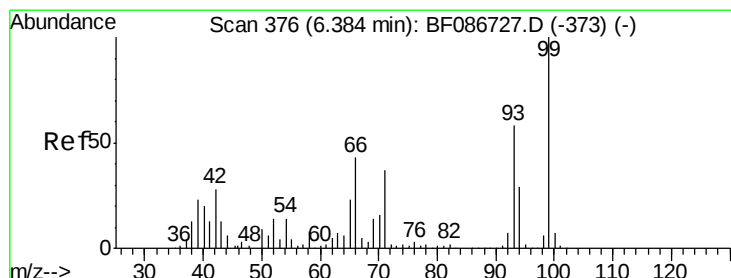
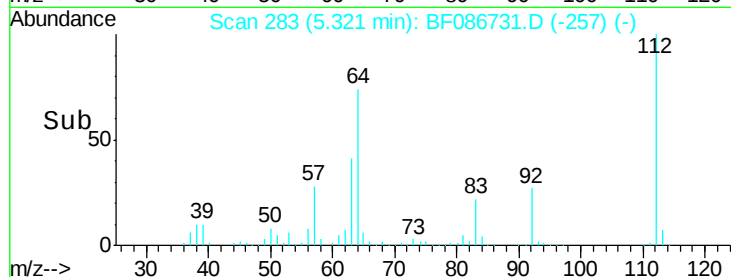
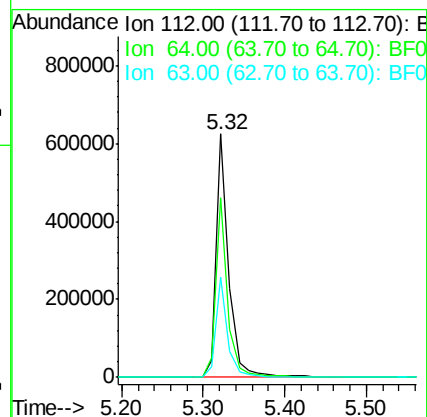
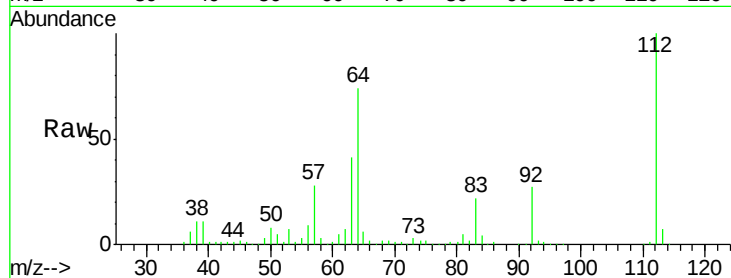
Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	685952
Ion	Ratio	Lower	Upper
112	100		
64	73.7	52.1	78.1
63	40.9	25.7	38.5#



#6

Aniline

Concen: 10.36 ng

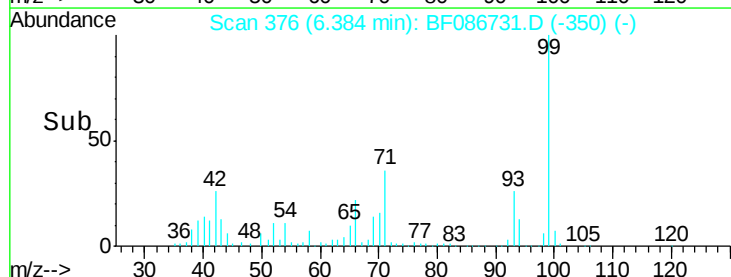
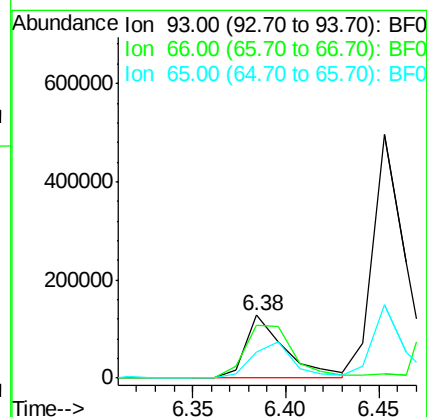
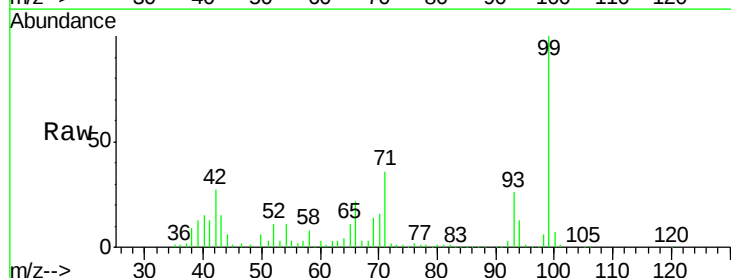
RT: 6.38 min Scan# 376

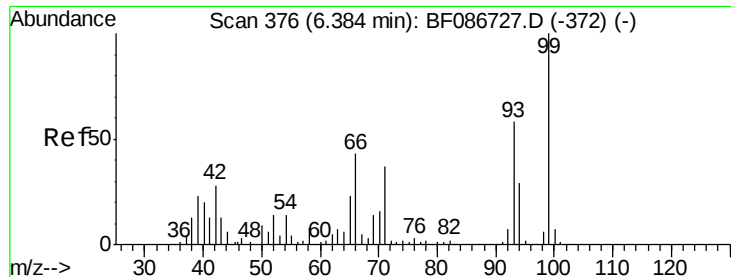
Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:	93	Resp:	189568
Ion	Ratio	Lower	Upper
93	100		
66	84.9	39.0	58.6#
65	41.6	20.6	31.0#





#7

Phenol-d6

Concen: 39.26 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

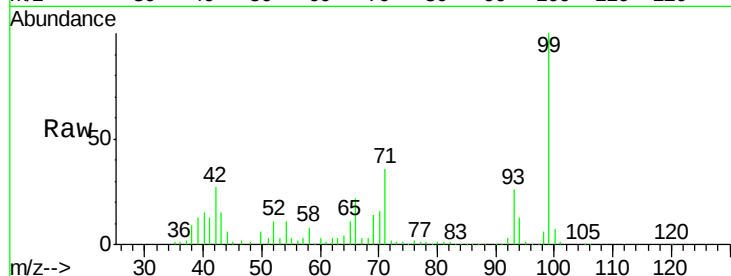
Tot Ion: 99 Resp: 581825

Ion Ratio Lower Upper

99 100

42 26.9 13.6 20.4#

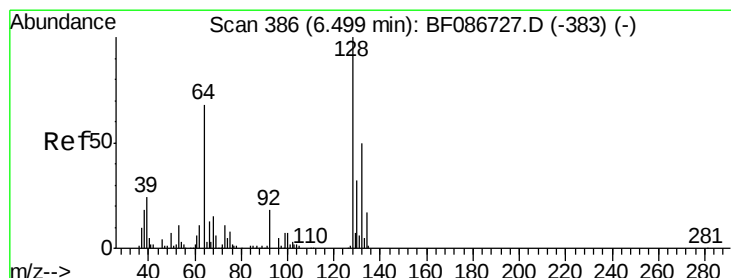
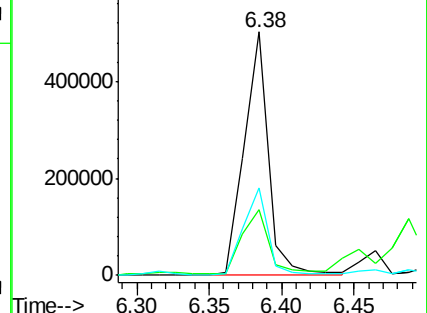
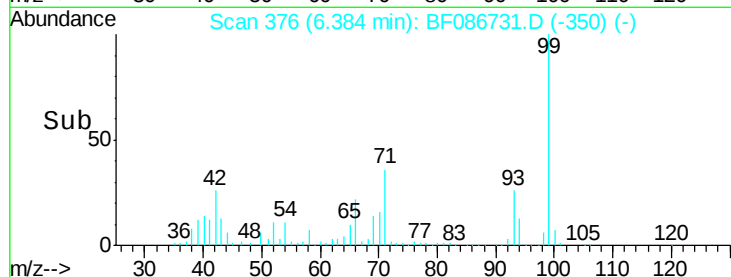
71 36.0 24.6 36.8



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: 36.70 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

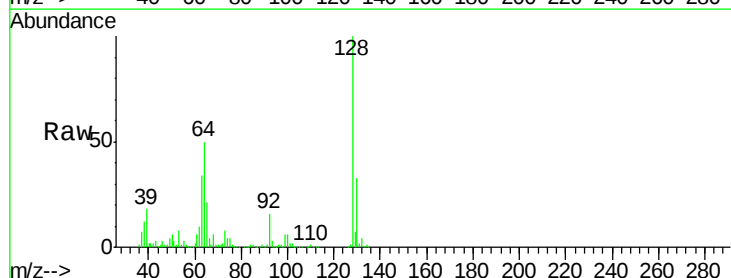
Tgt Ion: 128 Resp: 484552

Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

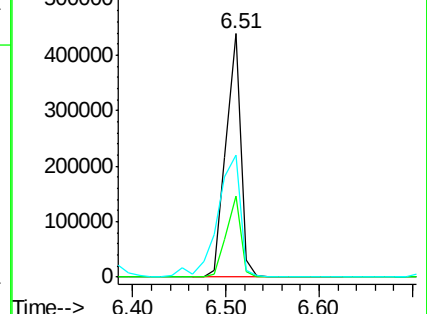
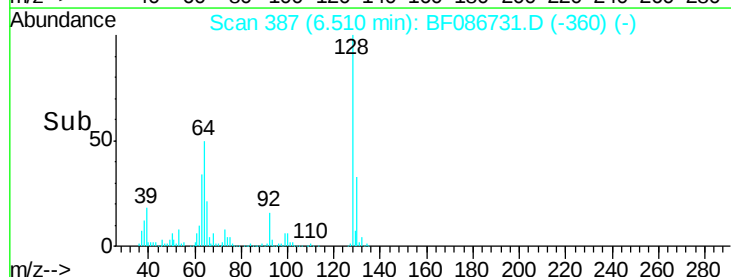
64 50.3 27.3 67.3

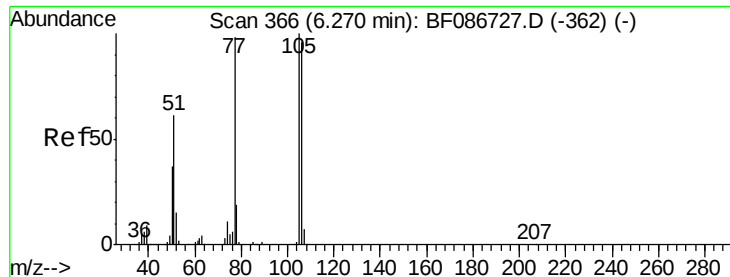


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.13 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

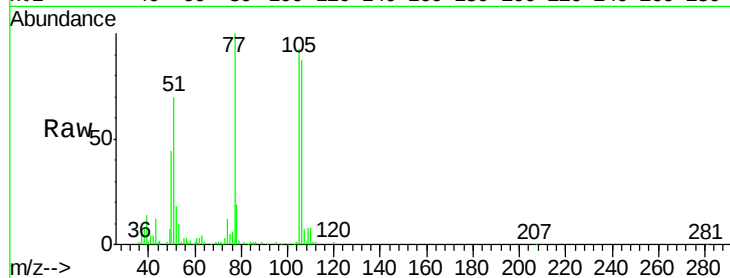
Tot Ion: 77 Resp: 97082

Ion Ratio Lower Upper

77 100

105 92.8 72.7 112.7

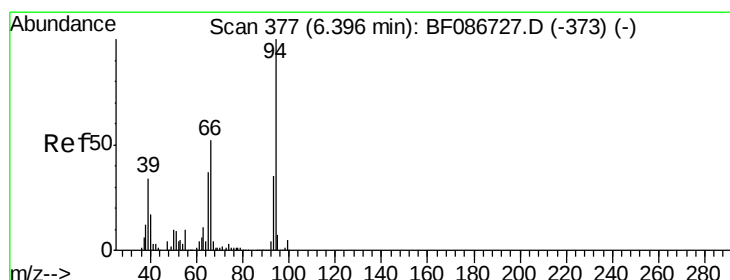
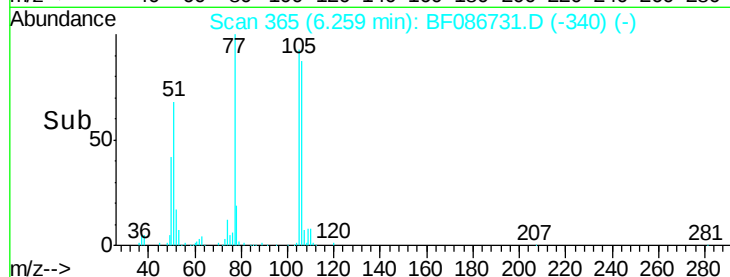
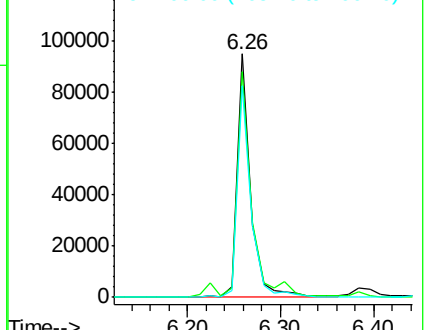
106 87.0 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.97 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

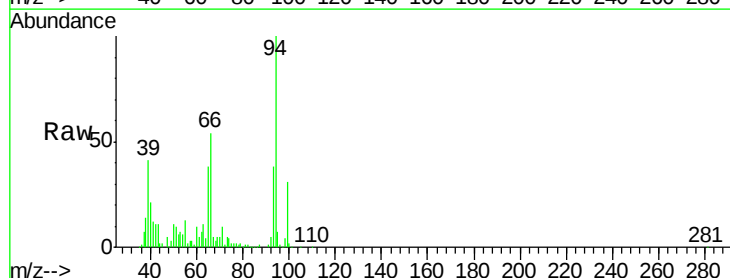
Tgt Ion: 94 Resp: 226510

Ion Ratio Lower Upper

94 100

65 38.1 7.2 47.2

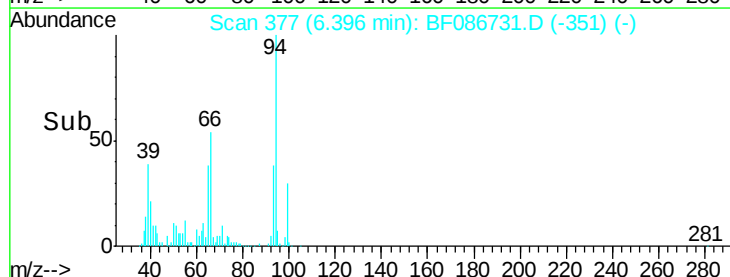
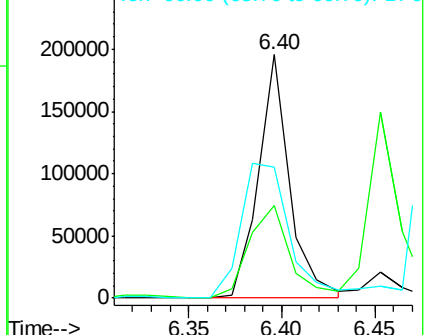
66 54.0 14.9 54.9

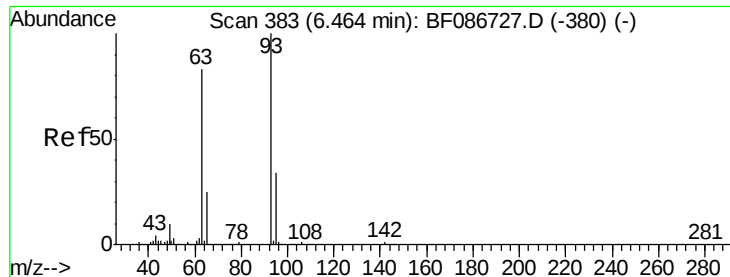


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

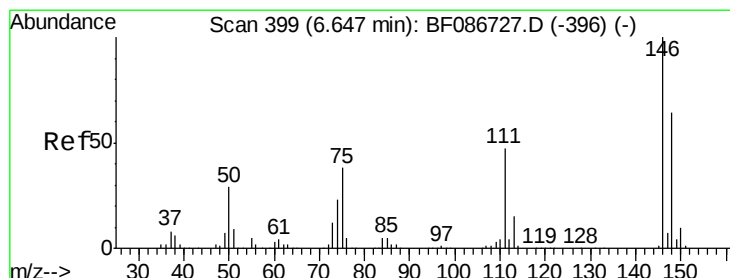
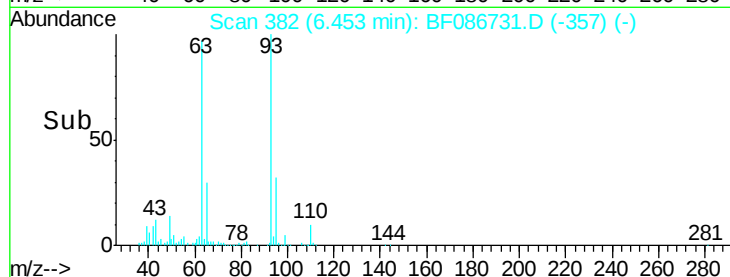
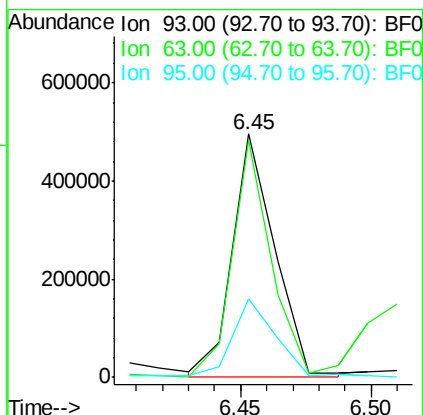
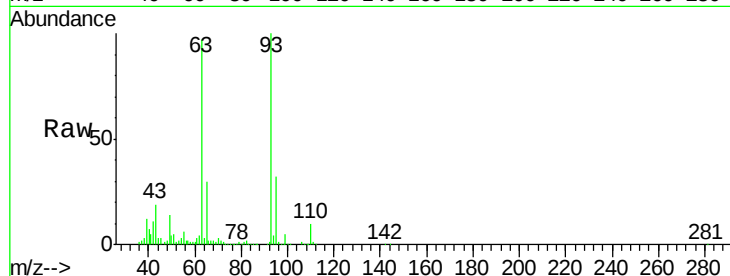




#11
bis(2-Chloroethyl)ether
Concen: 40.18 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

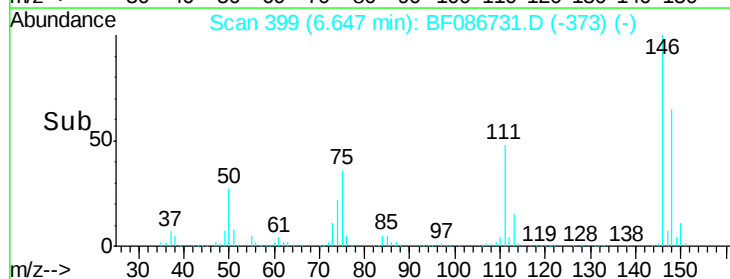
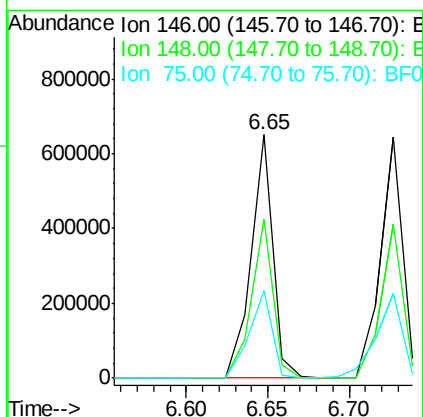
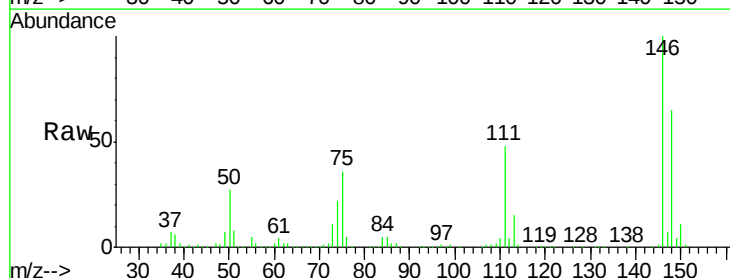
Instrument :
BNA_F
ClientSampleId :

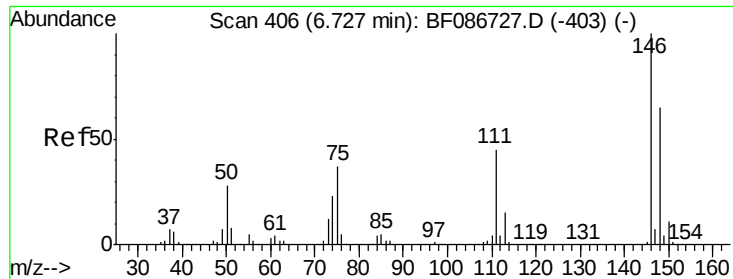
Tot Ion	93	Resp	560765
Ion	Ratio	Lower	Upper
93	100		
63	97.2	58.0	98.0
95	32.5	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 42.87 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	146	Resp	600999
Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
75	36.2	22.8	34.2

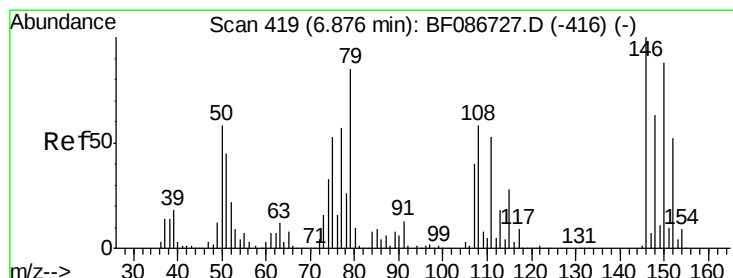
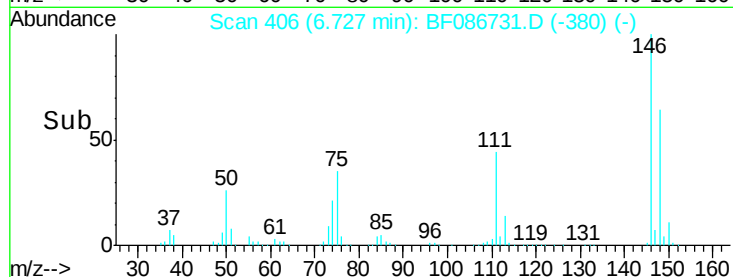
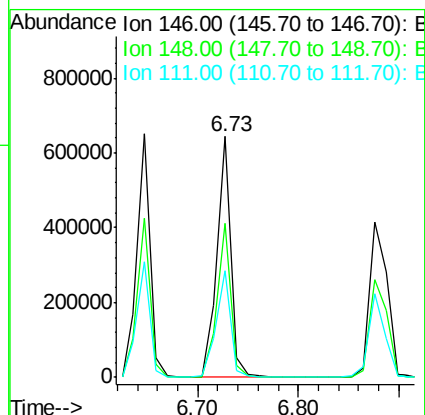
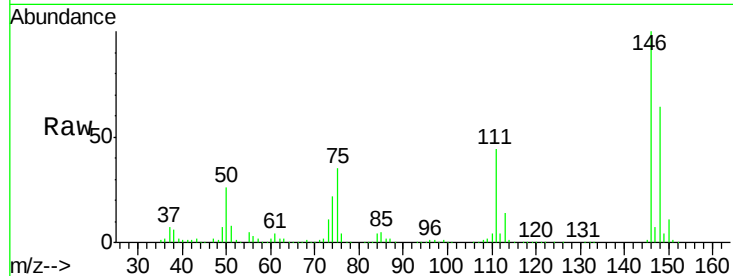




#13
 1,4-Dichlorobenzene
 Concen: 42.74 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

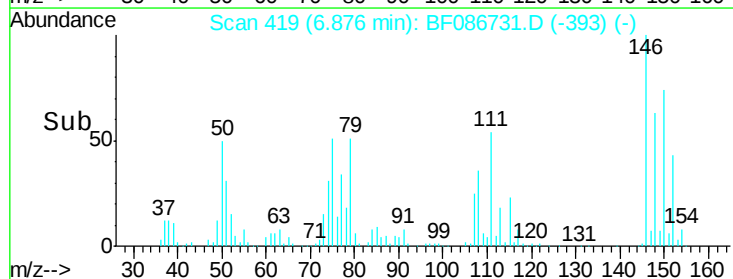
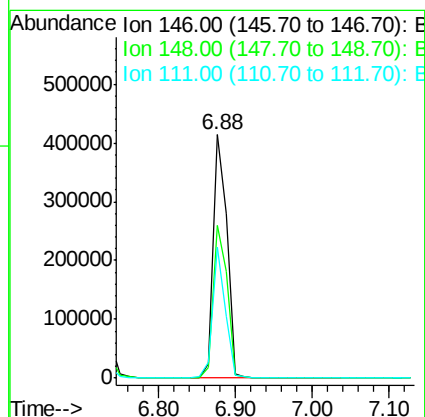
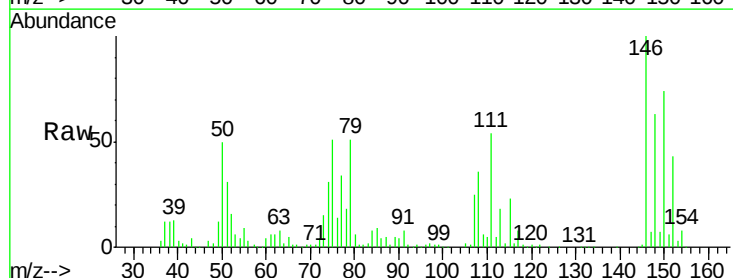
Instrument :
 BNA_F
 ClientSampleId :

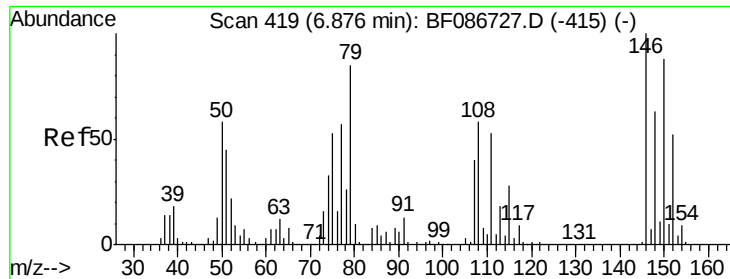
Tot Ion:146 Resp: 619566
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 44.3 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.94 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion:146 Resp: 504130
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 54.0 36.2 54.4





#15

Benzyl Alcohol

Concen: 32.78 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

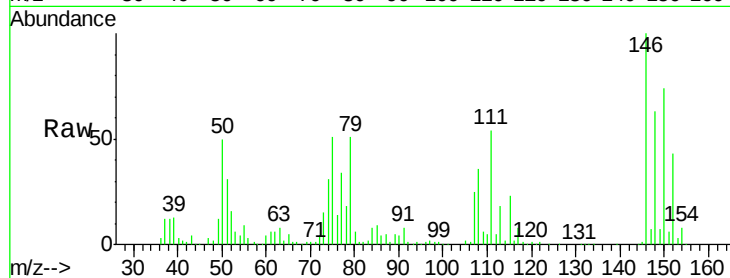
Tot Ion: 79 Resp: 314270

Ion Ratio Lower Upper

79 100

108 70.6 68.4 102.6

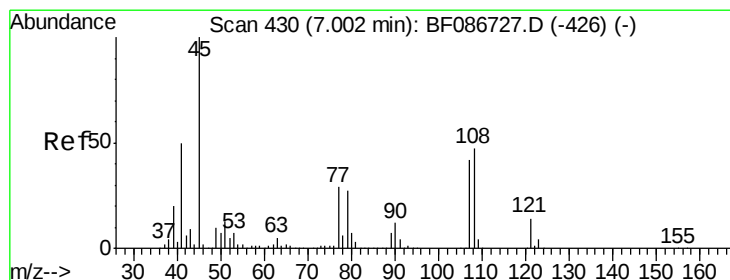
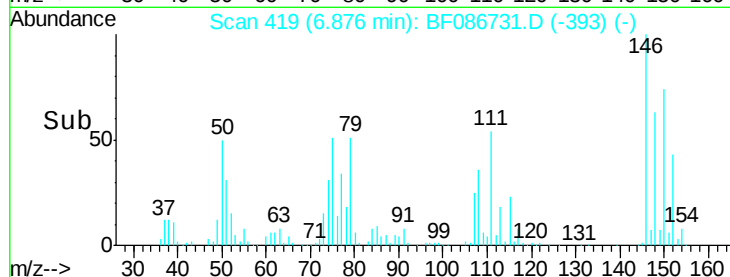
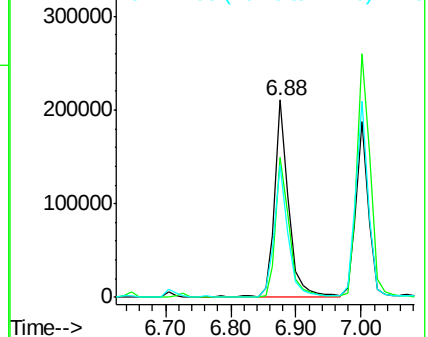
77 66.9 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.63 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

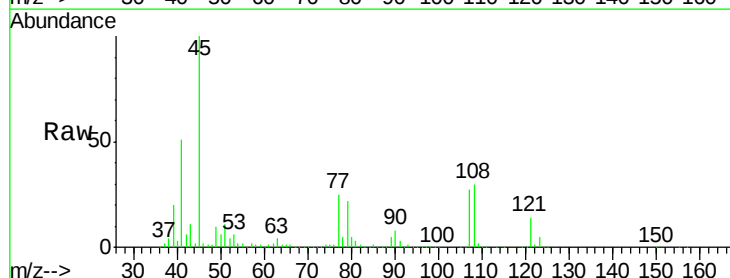
Tgt Ion: 45 Resp: 1187683

Ion Ratio Lower Upper

45 100

77 24.6 0.0 36.4

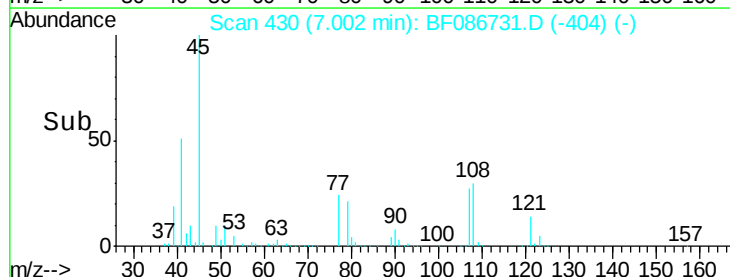
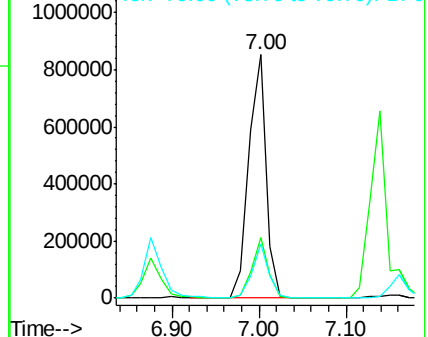
79 22.0 0.0 33.4

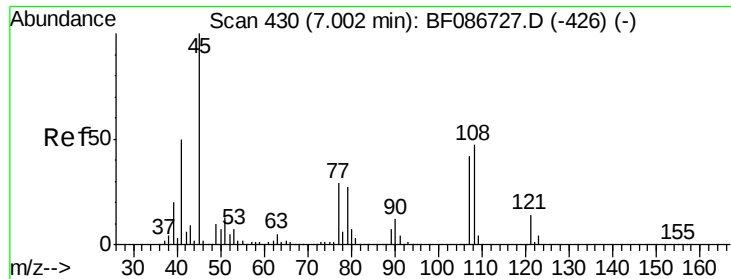


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 29.60 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086731.D

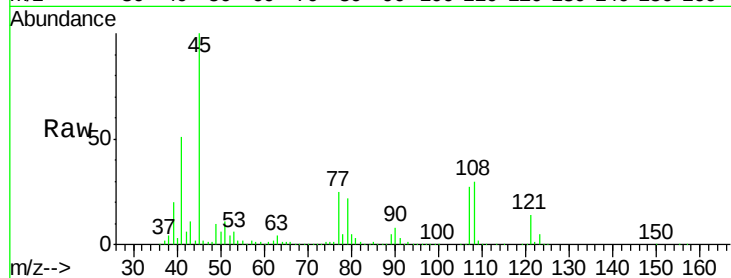
Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	314660
Ion	Ratio	Lower	Upper
107	100		
108	112.5	93.7	140.5
77	91.0	33.4	50.0#
79	81.4	34.3	51.5#

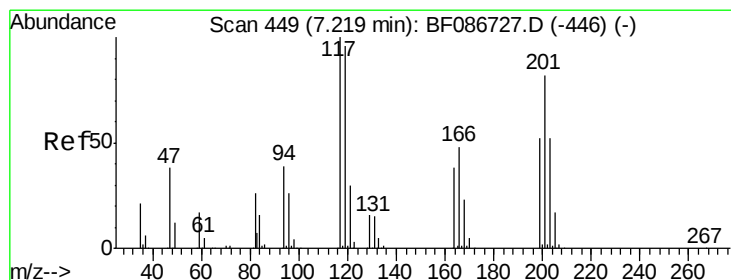
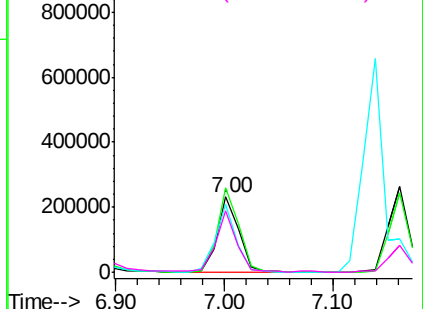
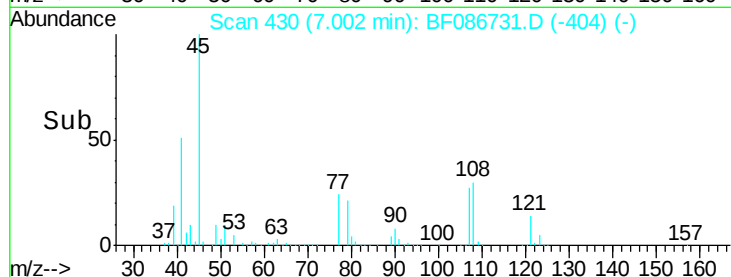


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.79 ng

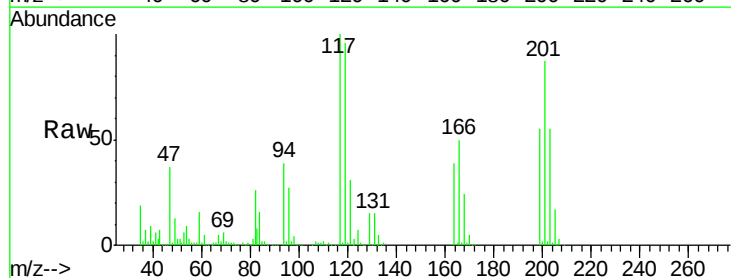
RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

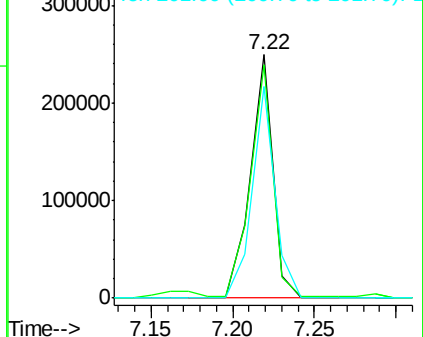
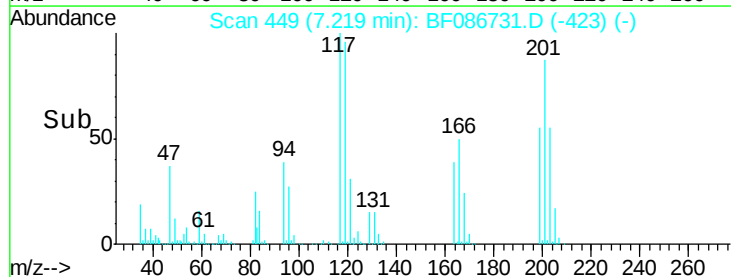
Tgt Ion:	117	Resp:	239623
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	87.2	63.0	94.6

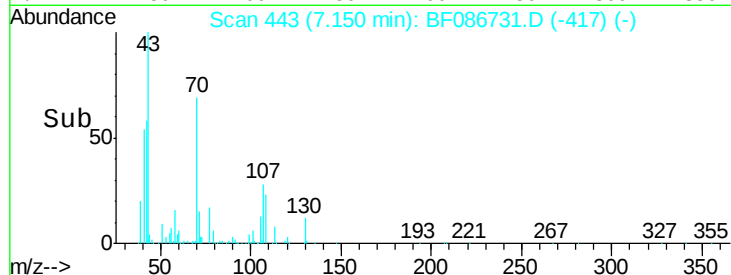
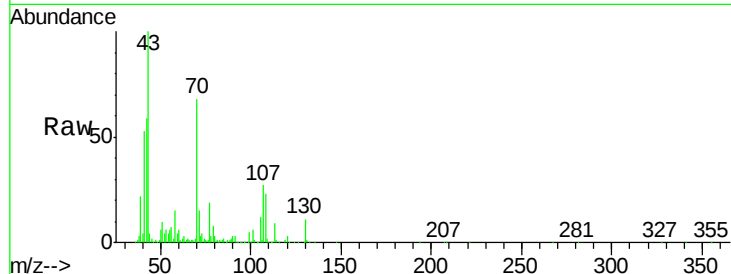
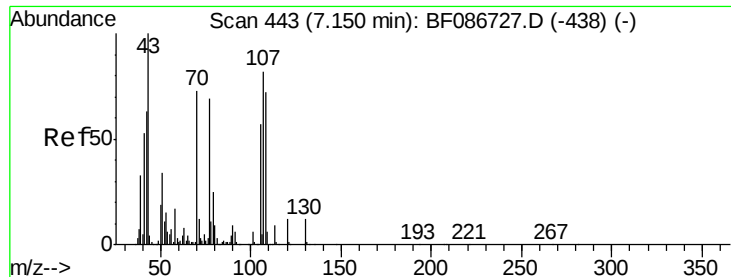


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

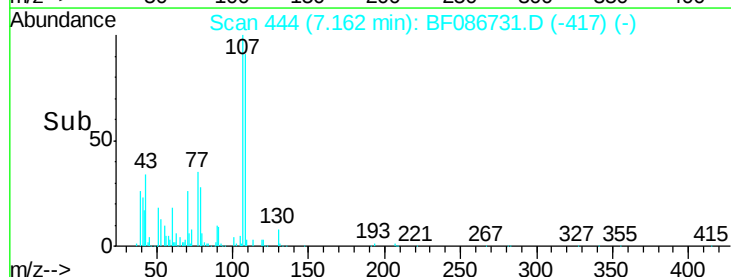
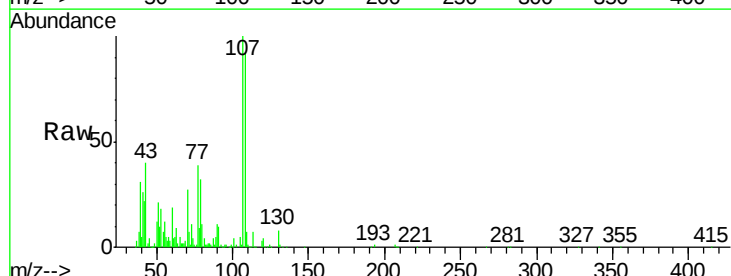
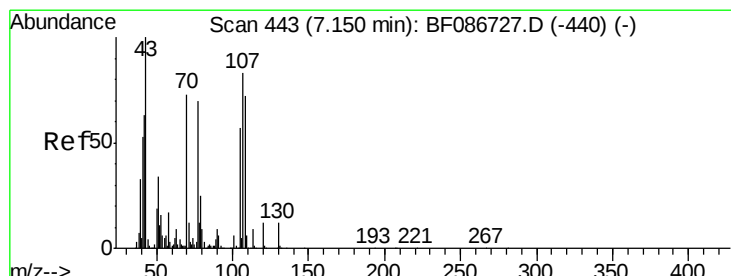
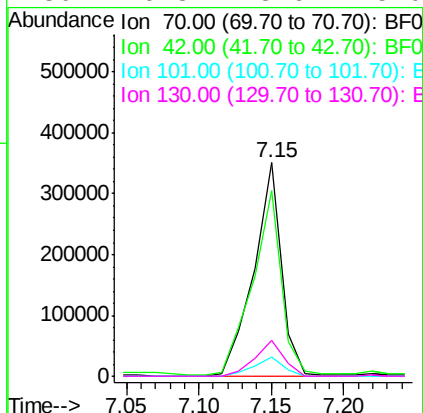




#19
n-Nitroso-di-n-propylamine
Concen: 45.96 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

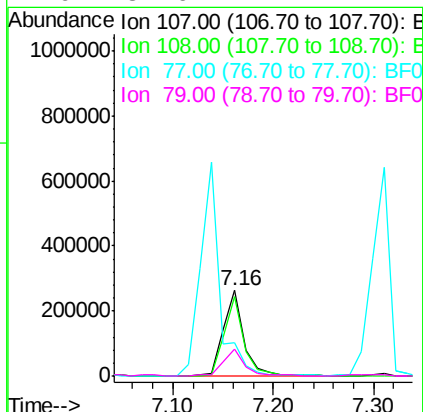
Instrument :
BNA_F
ClientSampleId :

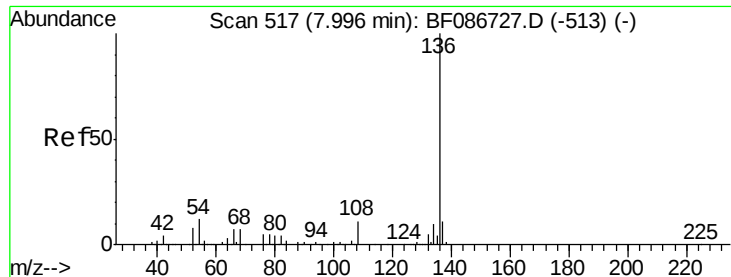
Tot Ion	Ratio	Lower	Upper
70	100		
42	86.7	43.1	64.7#
101	9.1	8.1	12.1
130	16.8	18.6	28.0#



#20
3+4-Methylphenols
Concen: 29.43 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.5	108.5
77	38.7	101.6	141.6#
79	31.6	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: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 718506

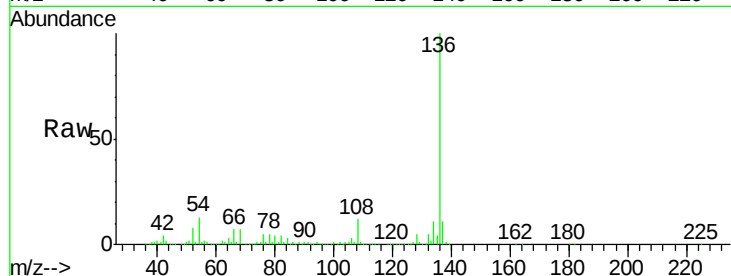
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.9 5.0 7.4#

68 7.0 4.4 6.6#

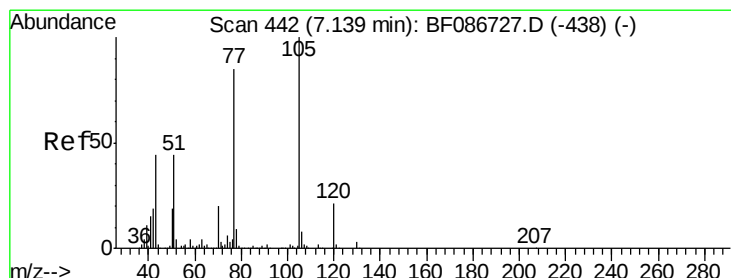
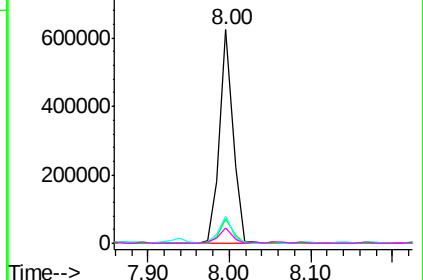
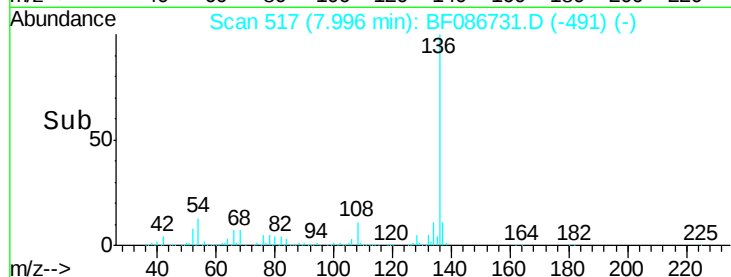


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.56 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:105 Resp: 896761

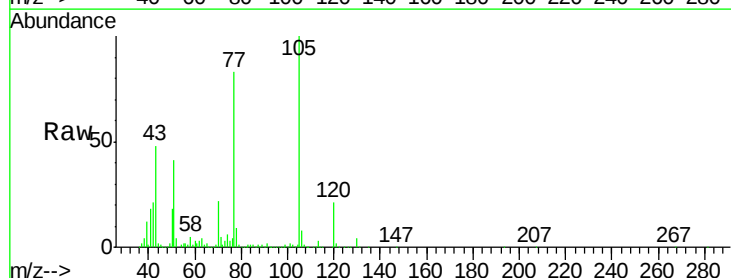
Ion Ratio Lower Upper

105 100

71 4.9 4.8 7.2

51 40.9 32.6 49.0

120 20.9 16.5 24.7

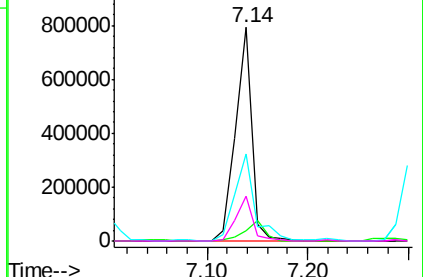
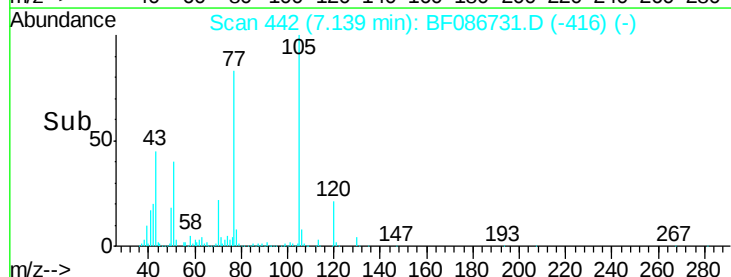


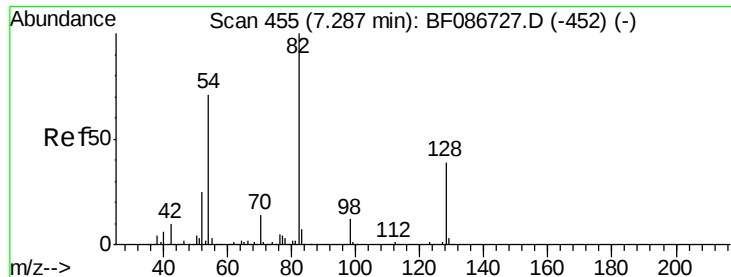
Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.79 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

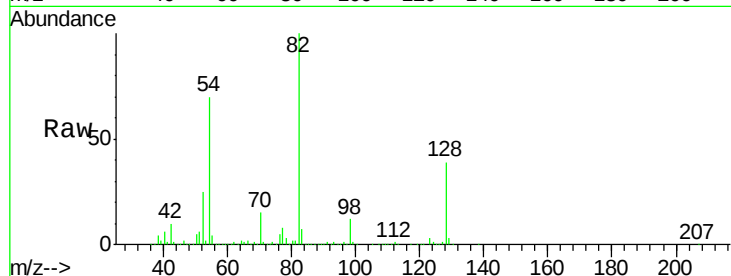
Tot Ion: 82 Resp: 1297370

Ion Ratio Lower Upper

82 100

128 38.8 40.6 61.0#

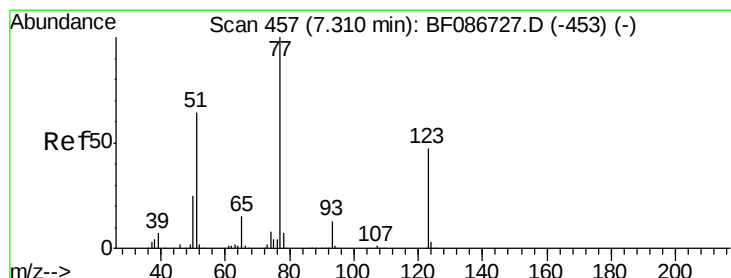
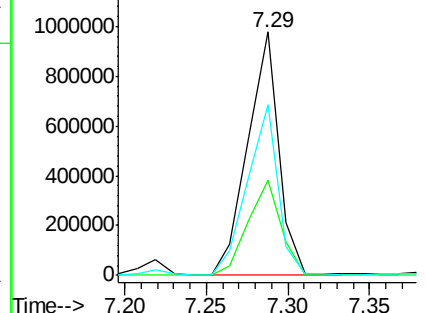
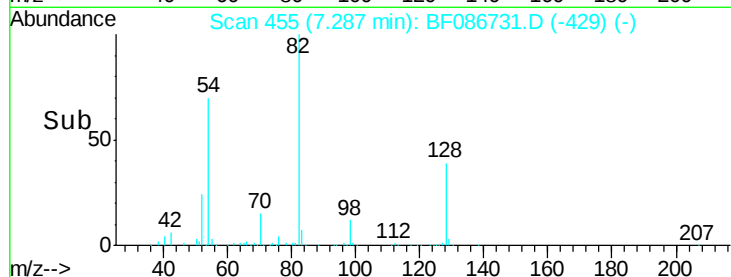
54 70.1 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 52.35 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

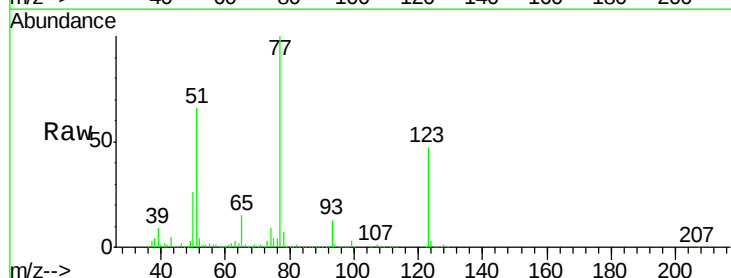
Tgt Ion: 77 Resp: 756776

Ion Ratio Lower Upper

77 100

123 46.6 33.0 49.4

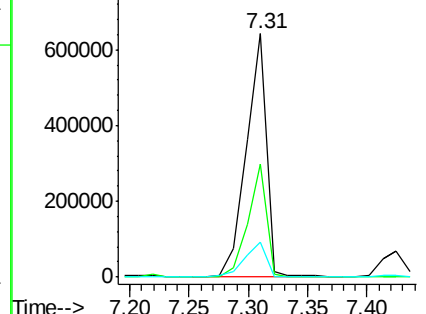
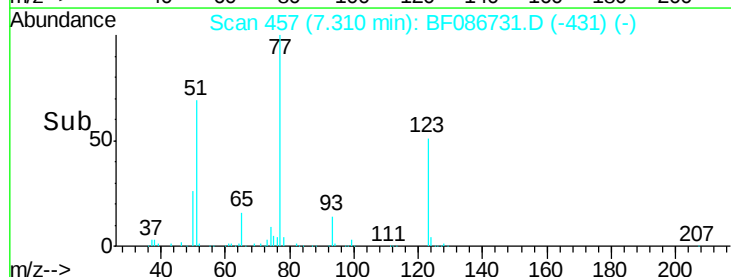
65 14.6 10.8 16.2

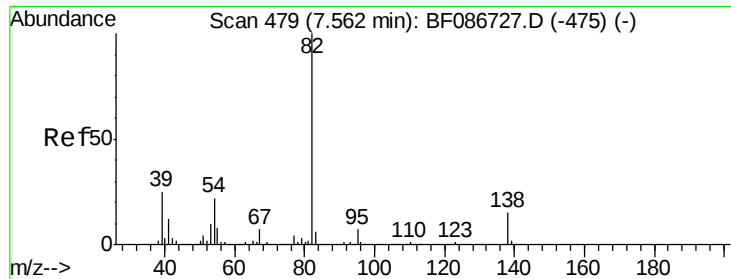


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

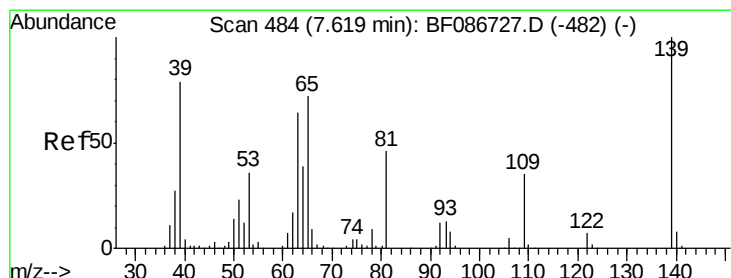
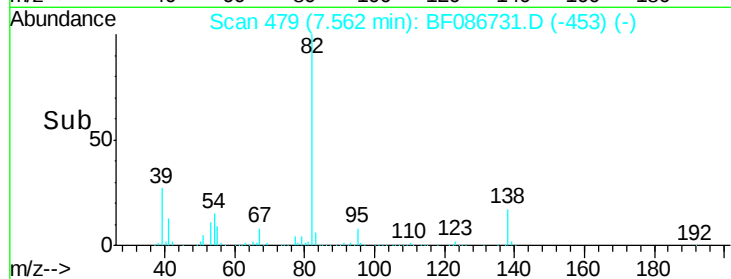
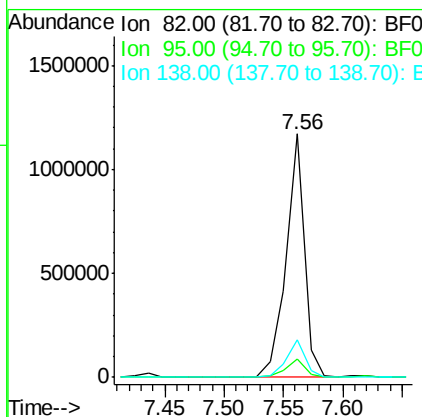
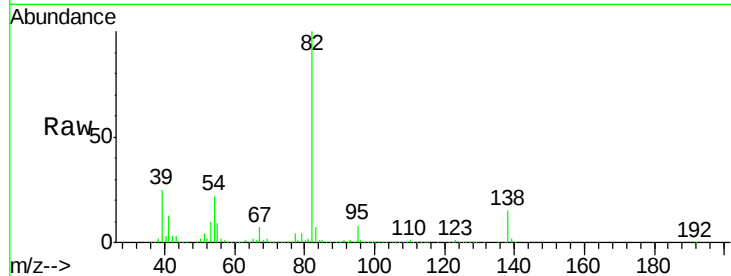




#25
Isophorone
Concen: 47.42 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

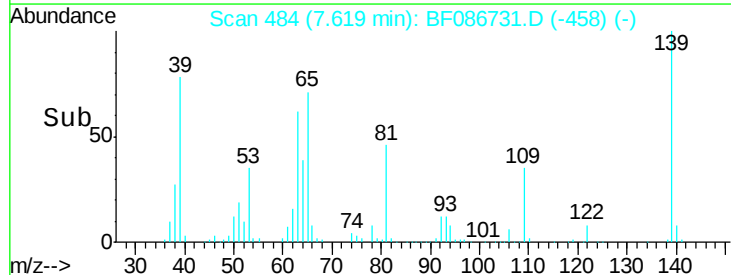
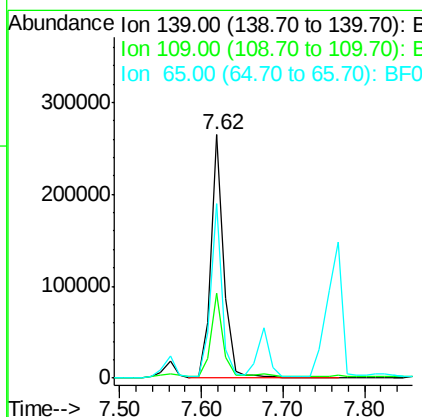
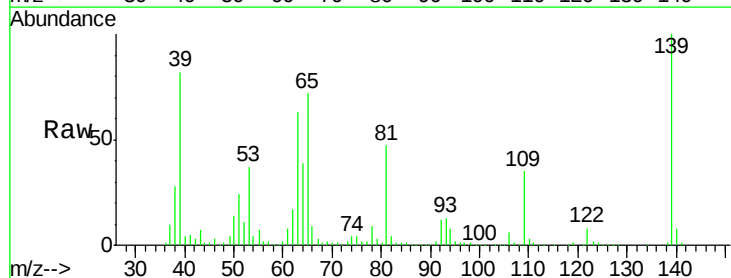
Instrument :
BNA_F
ClientSampleId :

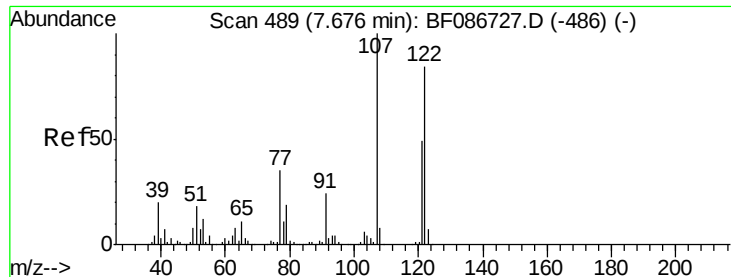
Tot Ion: 82 Resp: 1234655
Ion Ratio Lower Upper
82 100
95 7.7 5.1 7.7#
138 15.2 12.4 18.6



#26
2-Nitrophenol
Concen: 45.92 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion: 139 Resp: 296193
Ion Ratio Lower Upper
139 100
109 34.9 19.5 29.3#
65 71.5 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 38.24 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

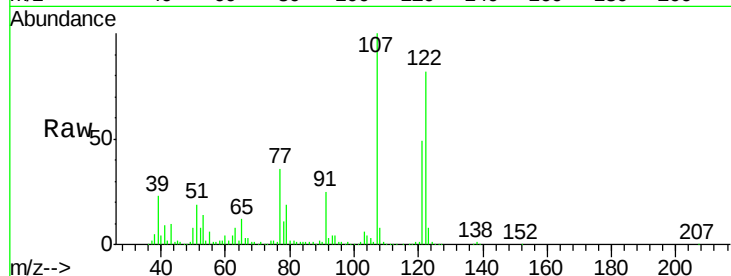
Tot Ion:122 Resp: 433118

Ion Ratio Lower Upper

122 100

107 122.5 82.0 123.0

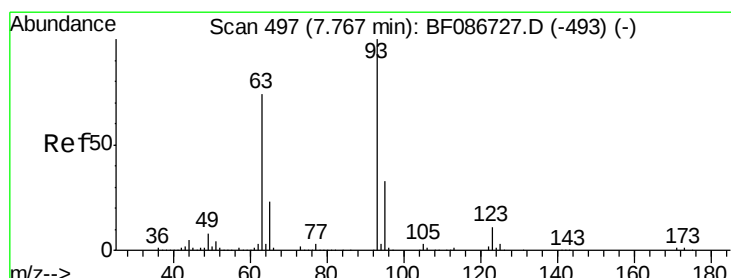
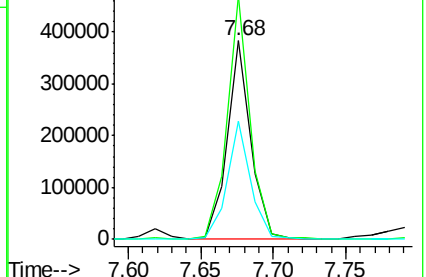
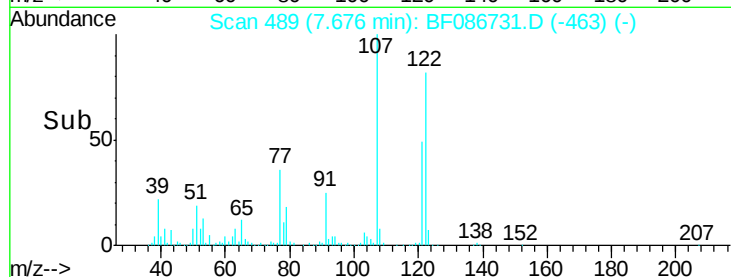
121 59.8 46.1 69.1



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: 55.93 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

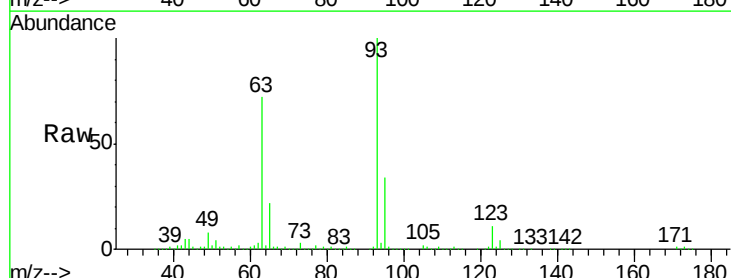
Tgt Ion: 93 Resp: 801625

Ion Ratio Lower Upper

93 100

95 33.7 26.0 39.0

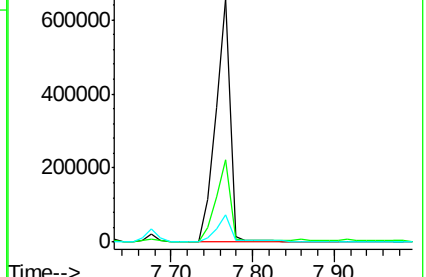
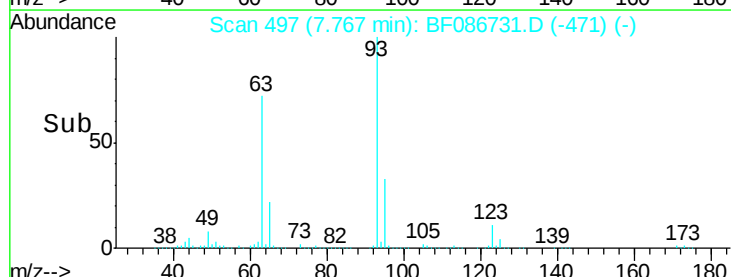
123 11.0 9.5 14.3

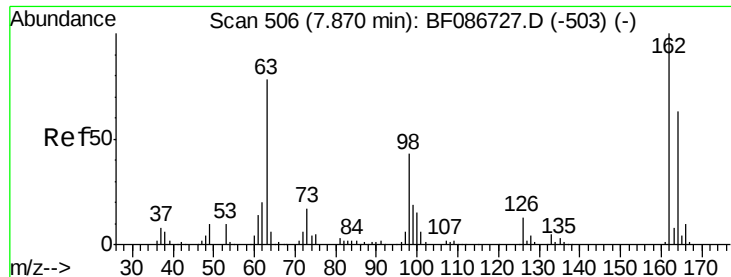


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

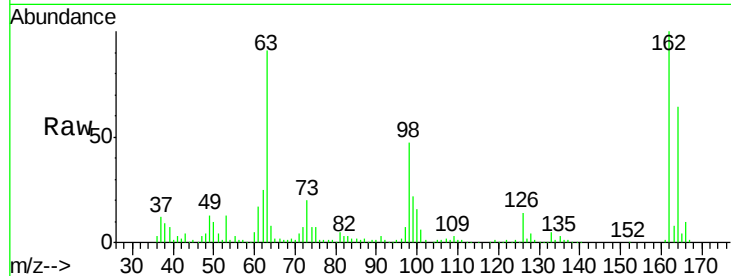




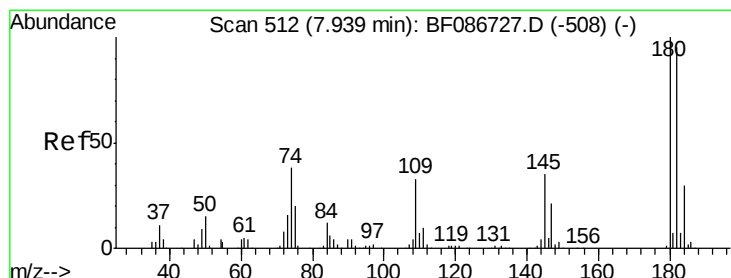
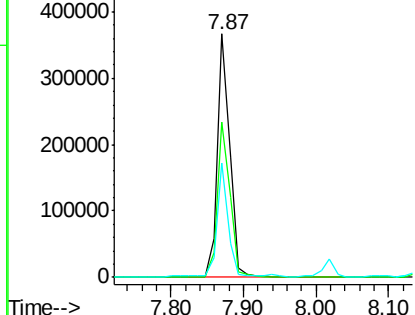
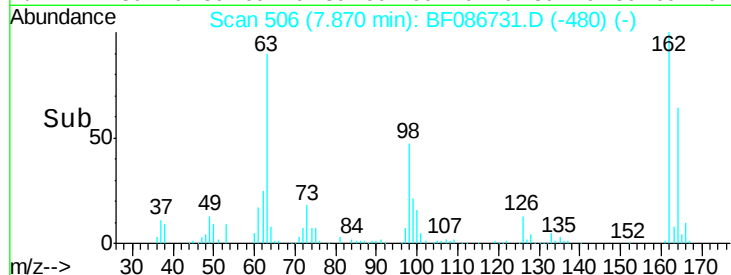
#29
 2,4-Dichlorophenol
 Concen: 45.04 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.2	82.2
98	47.1	19.0	59.0

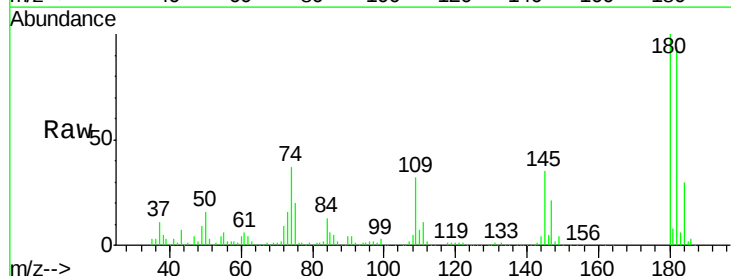


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

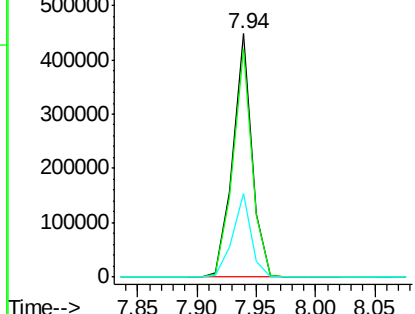
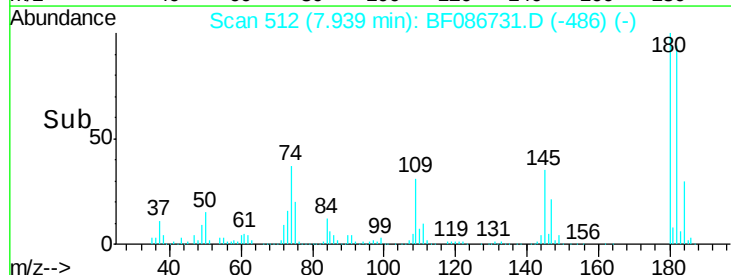


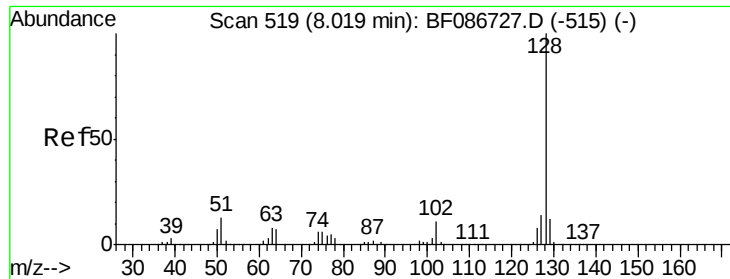
#30
 1,2,4-Trichlorobenzene
 Concen: 46.28 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.0	117.0
145	34.6	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

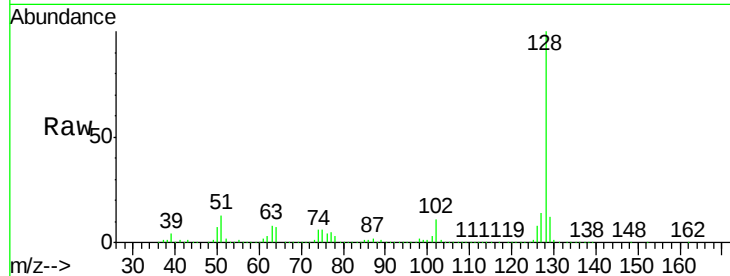




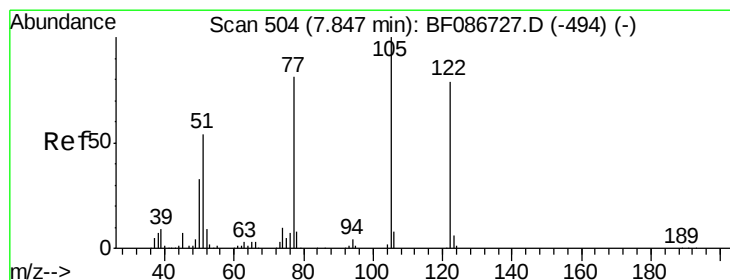
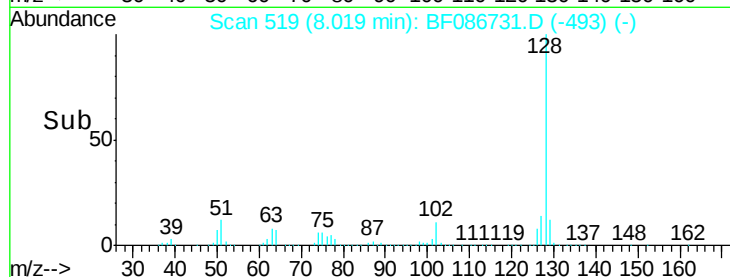
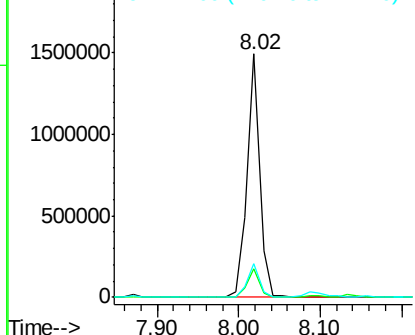
#31
Naphthalene
Concen: 43.73 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1605193
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.9 10.8 16.2

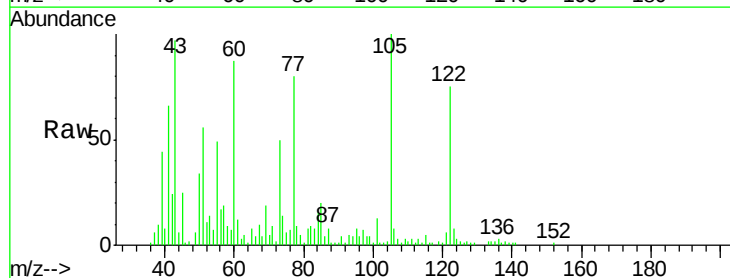


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

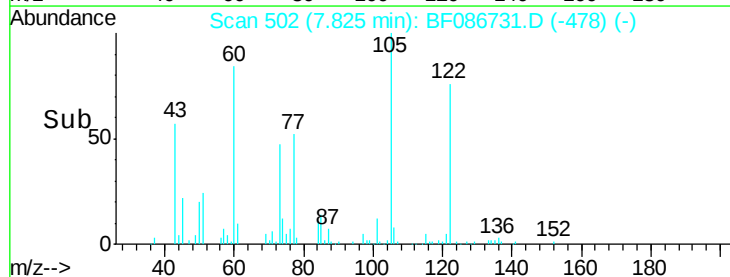
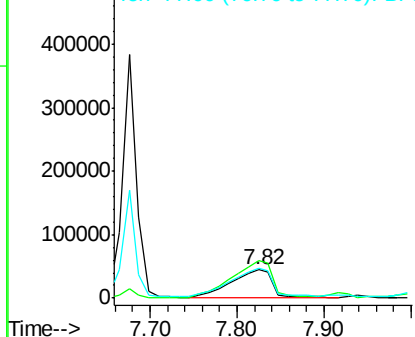


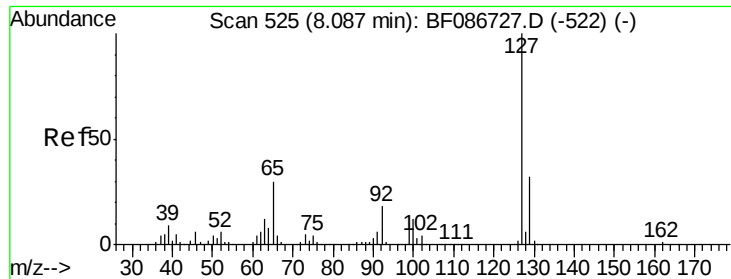
#32
Benzoic acid
Concen: 35.95 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:122 Resp: 147500
Ion Ratio Lower Upper
122 100
105 133.7 92.6 132.6#
77 106.8 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

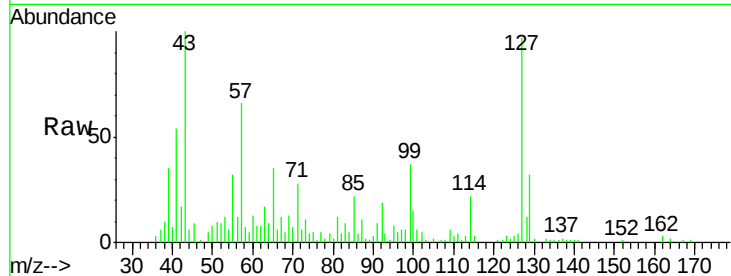




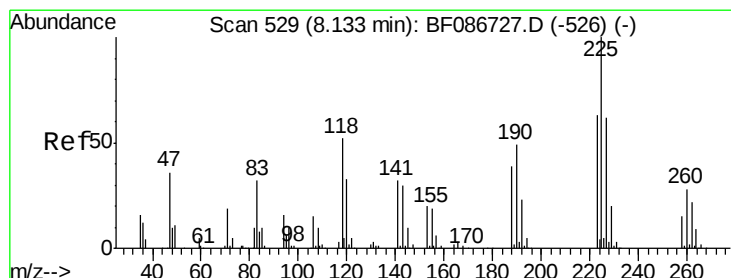
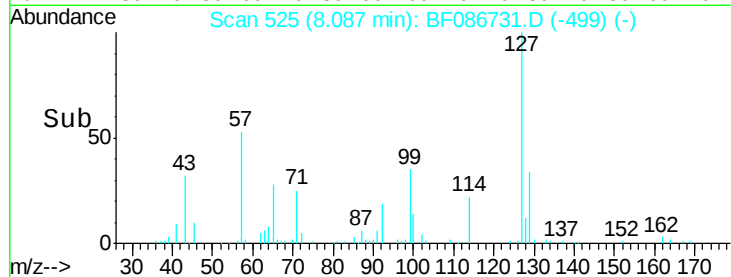
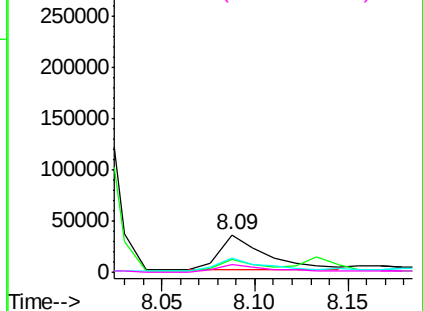
#33
4-Chloroaniline
Concen: 4.25 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	60401
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.2 39.4
65	36.4	23.0 34.4#
92	19.9	15.1 22.7

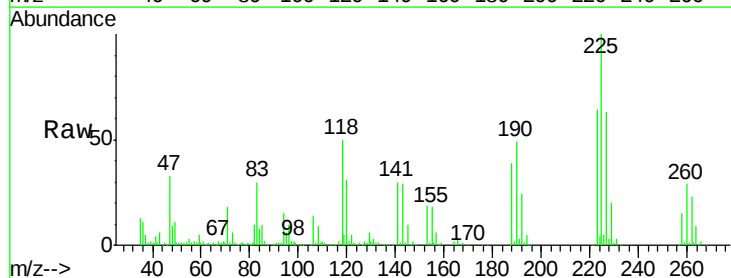


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

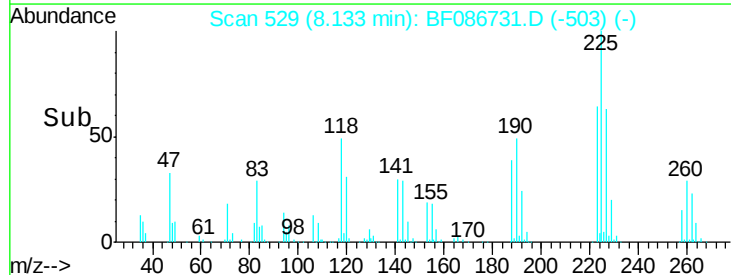
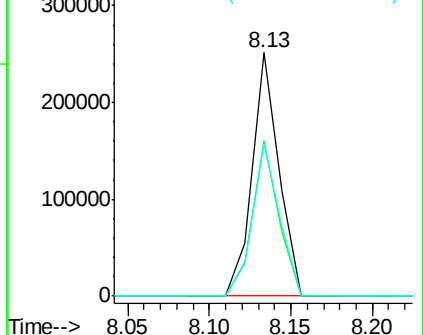


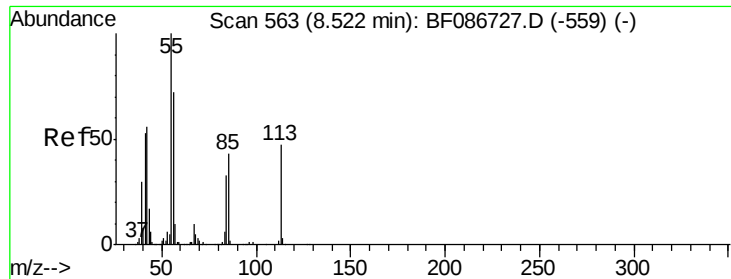
#34
Hexachlorobutadiene
Concen: 46.22 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:225	Resp:	285059
Ion Ratio	Lower	Upper
225	100	
223	64.0	51.5 77.3
227	62.8	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

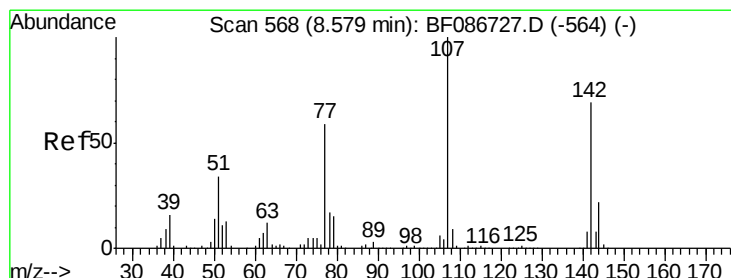
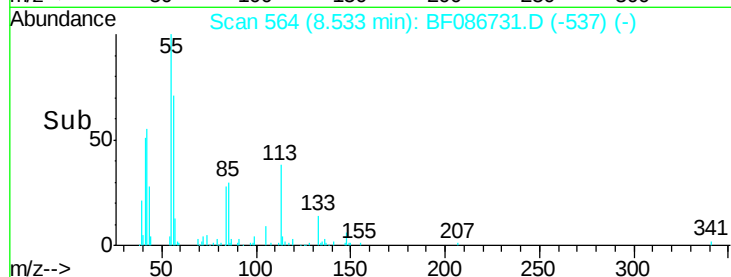
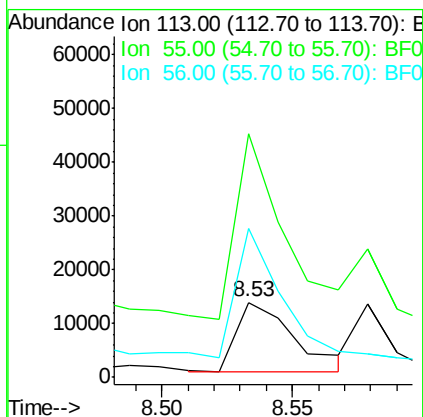
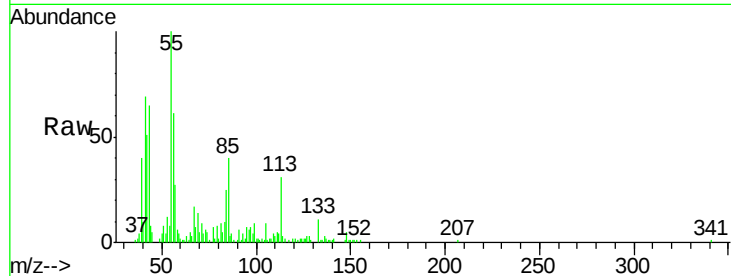




#35
Caprolactam
Concen: 6.72 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

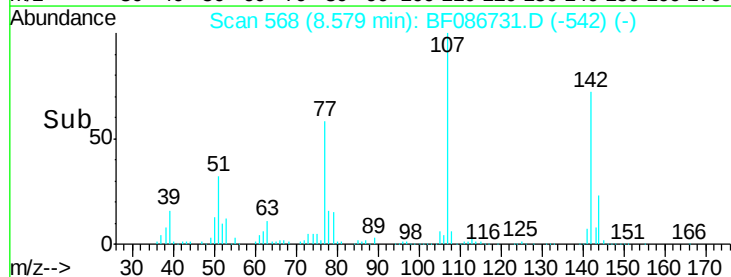
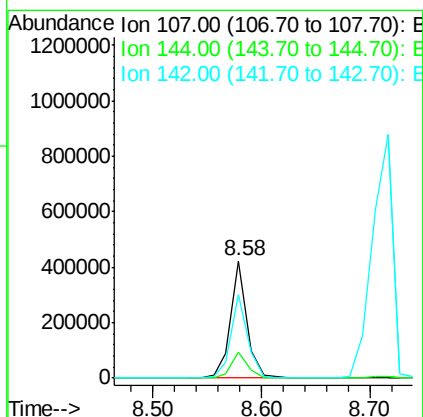
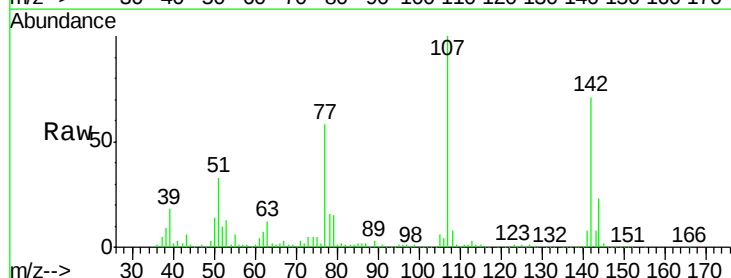
Instrument :
BNA_F
ClientSampled :

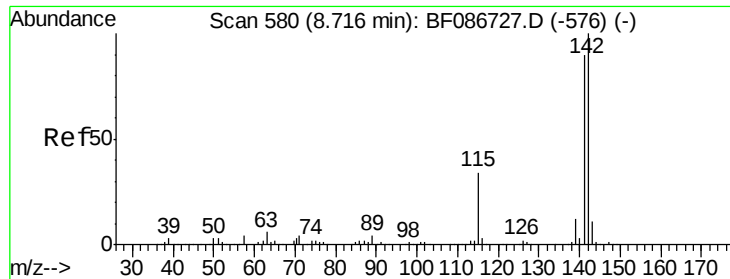
Tot Ion:113 Resp: 20248
Ion Ratio Lower Upper
113 100
55 323.4 162.0 202.0#
56 198.6 115.3 155.3#



#36
4-Chloro-3-methylphenol
Concen: 39.67 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:107 Resp: 440734
Ion Ratio Lower Upper
107 100
144 22.6 20.7 31.1
142 71.4 63.2 94.8

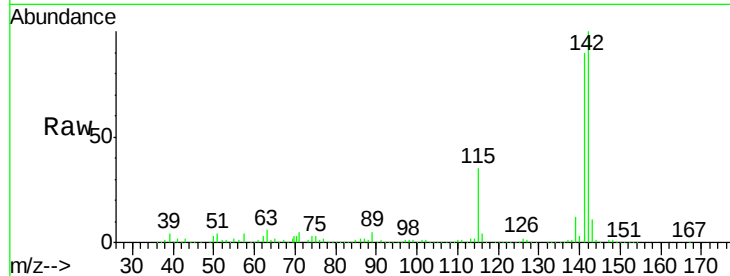




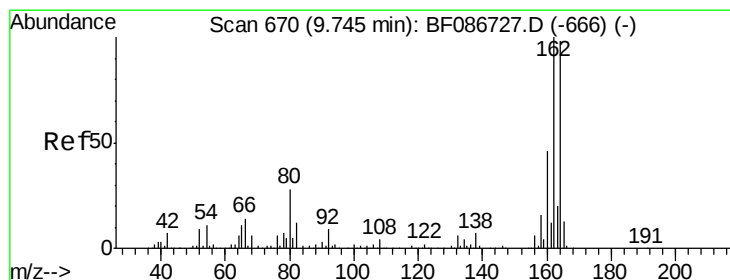
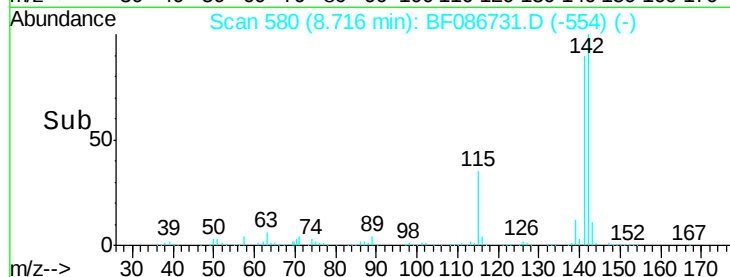
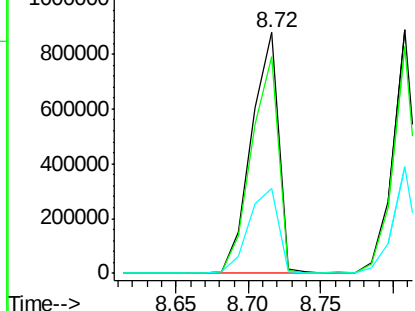
#37
2-Methylnaphthalene
Concen: 52.36 ng
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1133911
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 35.5 26.6 39.8

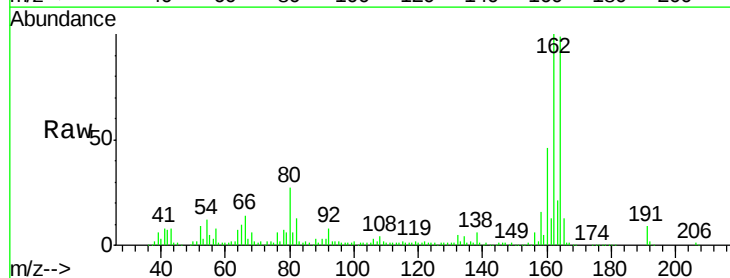


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

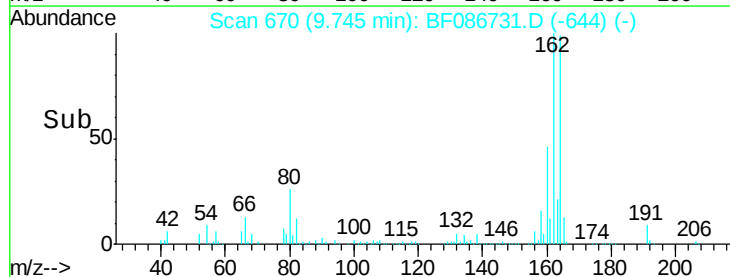
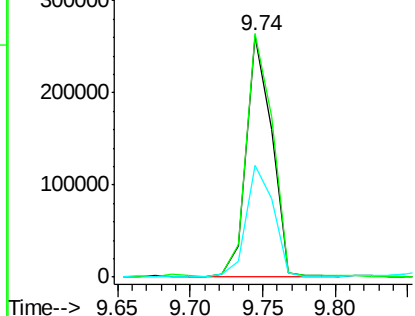


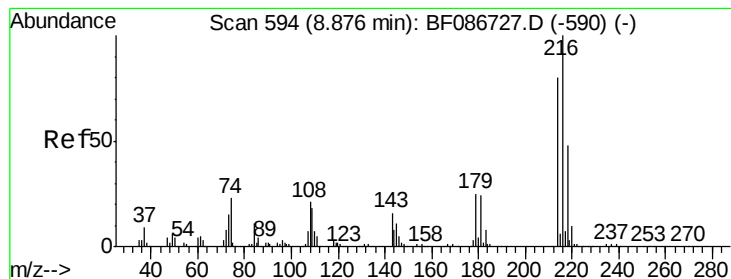
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:164 Resp: 317596
Ion Ratio Lower Upper
164 100
162 100.9 82.8 124.2
160 46.1 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.42 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 435920

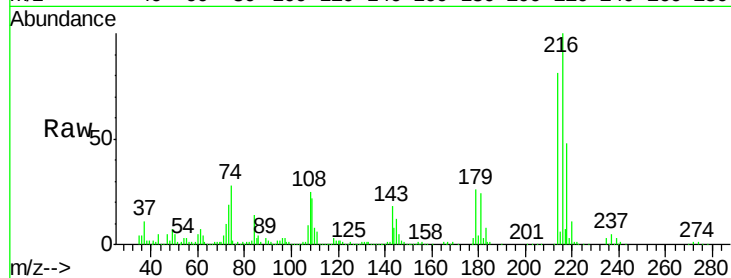
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.6	93.8
179	24.7	18.2	27.4
108	28.5	17.5	26.3

216 100

214 79.8 62.6 93.8

179 24.7 18.2 27.4

108 28.5 17.5 26.3

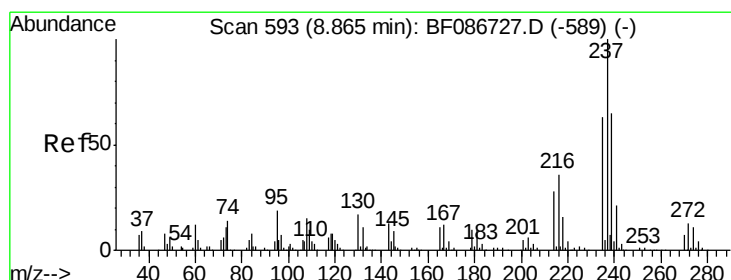
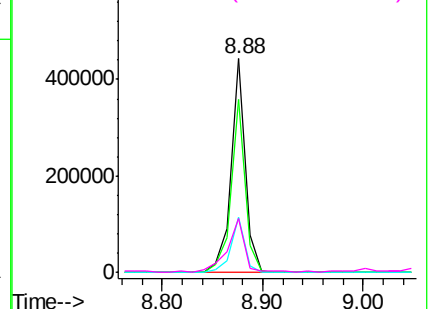
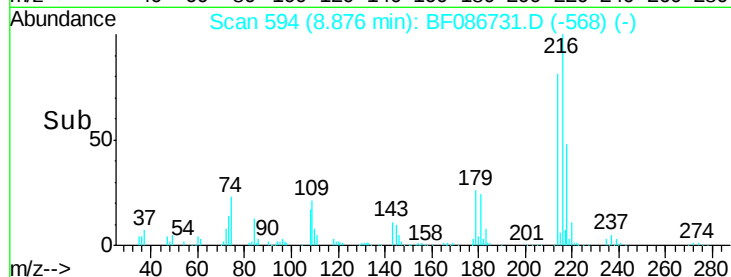


Abundance Ion 216.00 (215.70 to 216.70): E

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: 127.67 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

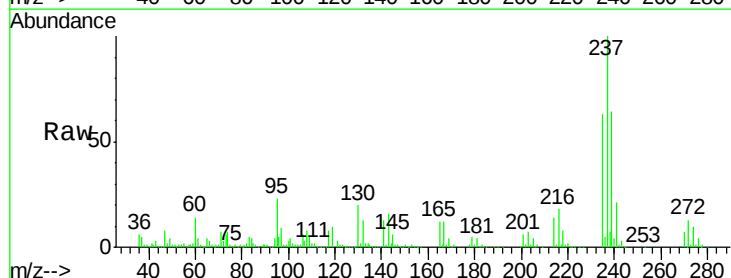
Tgt Ion:237 Resp: 557758

Ion	Ratio	Lower	Upper
237	100		
235	63.1	47.2	87.2
272	12.9	0.0	31.1

237 100

235 63.1 47.2 87.2

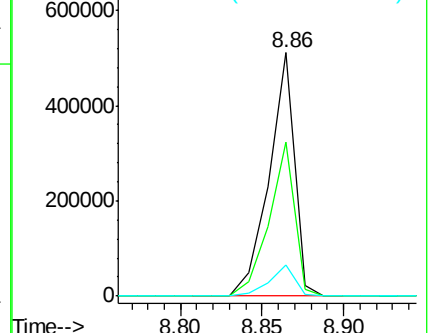
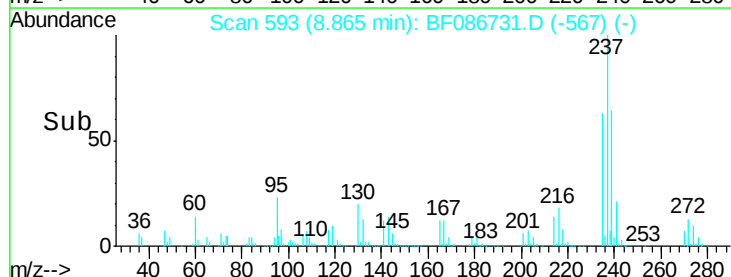
272 12.9 0.0 31.1

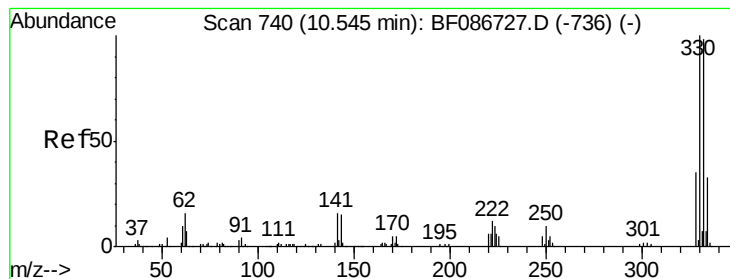


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 152.07 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :

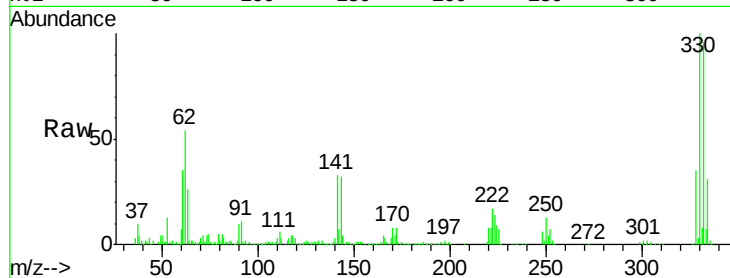
Tot Ion:330 Resp: 472460

Ion Ratio Lower Upper

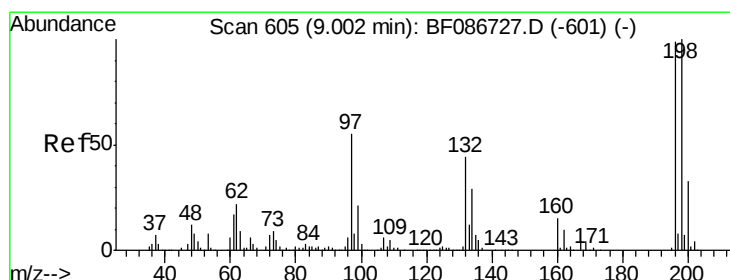
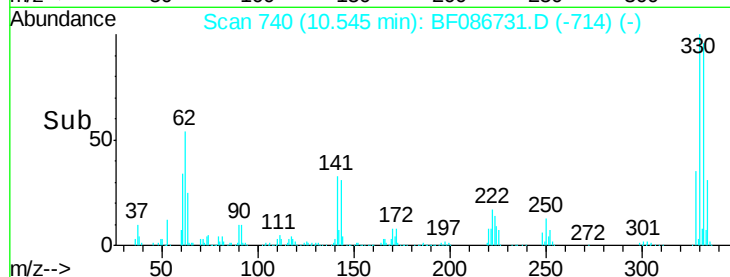
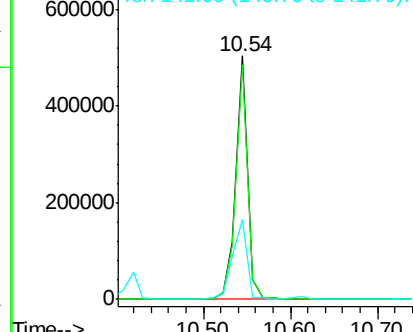
330 100

332 96.4 79.0 118.4

141 39.2 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: 54.11 ng

RT: 9.00 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

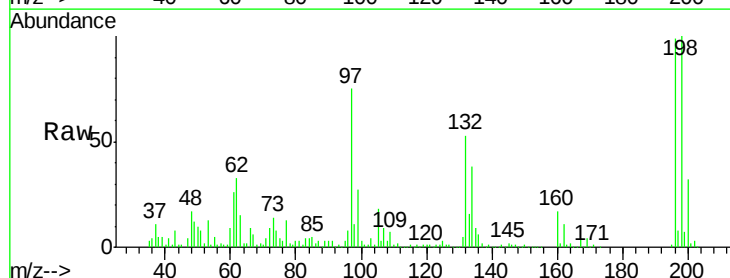
Tgt Ion:196 Resp: 316334

Ion Ratio Lower Upper

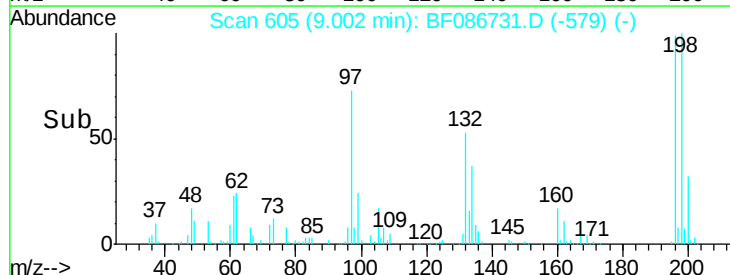
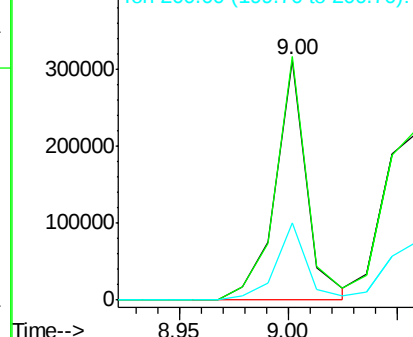
196 100

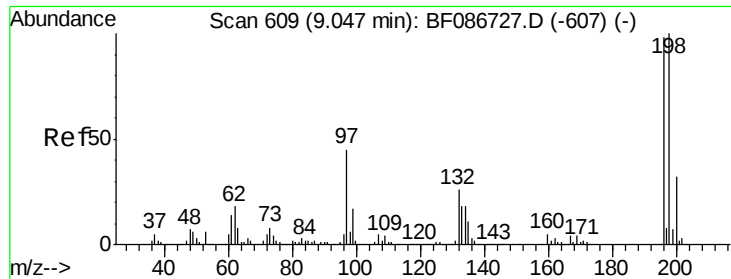
198 101.3 74.7 112.1

200 32.1 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

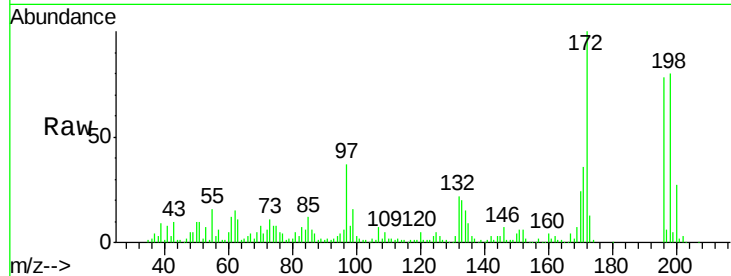




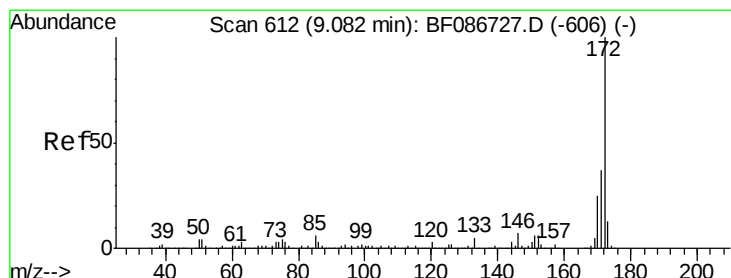
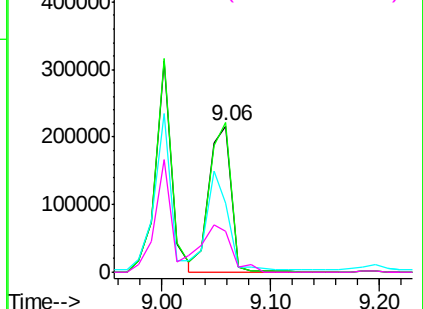
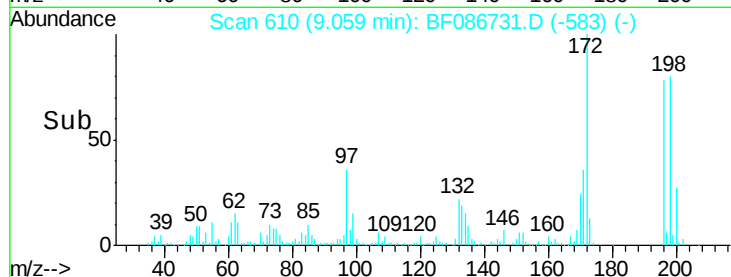
#43
2,4,5-Trichlorophenol
Concen: 50.82 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 310368
Ion Ratio Lower Upper
196 100
198 102.6 77.5 116.3
97 47.3 34.8 52.2
132 28.0 23.0 34.4

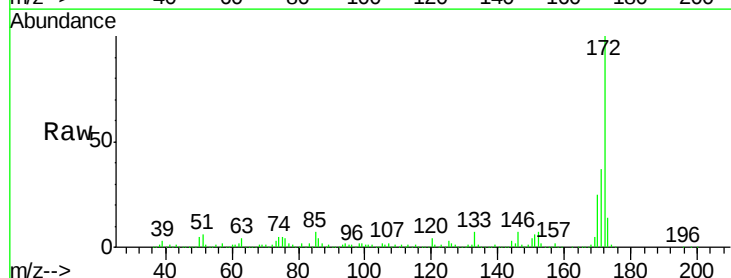


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

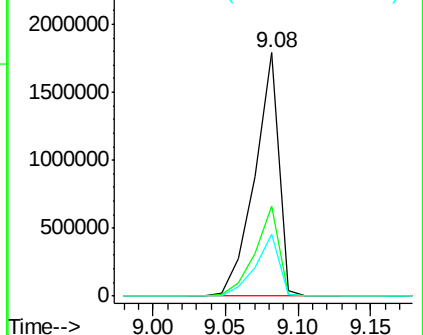
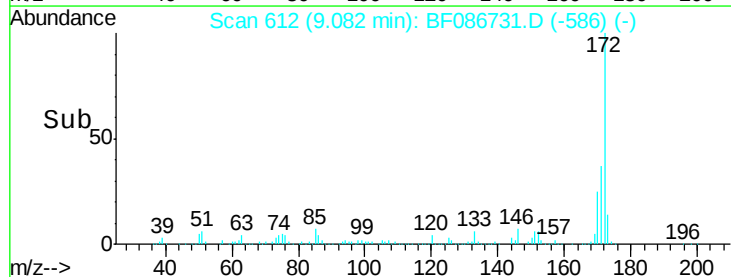


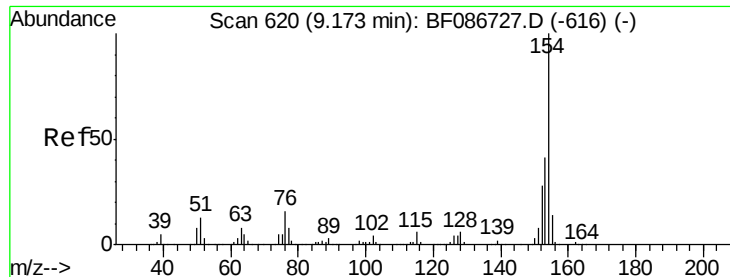
#44
2-Fluorobiphenyl
Concen: 106.40 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:172 Resp: 2061484
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 25.2 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: 49.79 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

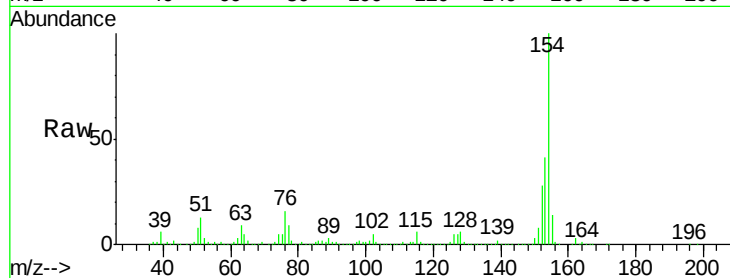
Tot Ion:154 Resp: 1292832

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

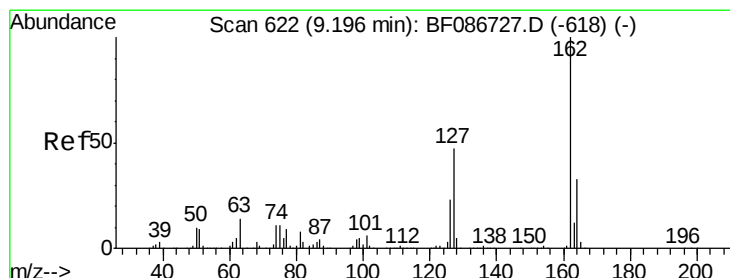
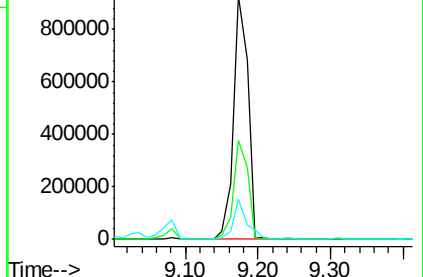
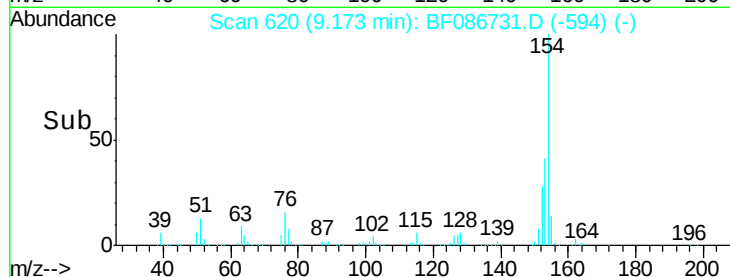
76 16.3 0.0 30.2



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: 47.65 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

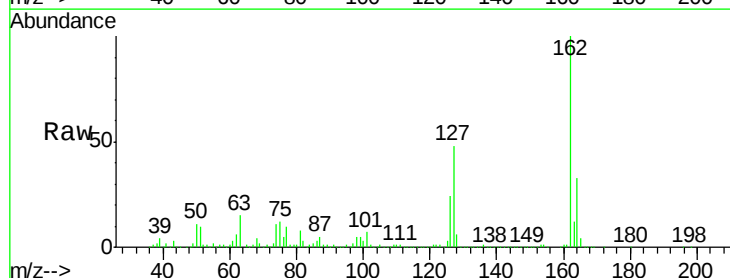
Tgt Ion:162 Resp: 954698

Ion Ratio Lower Upper

162 100

127 48.4 31.8 47.6#

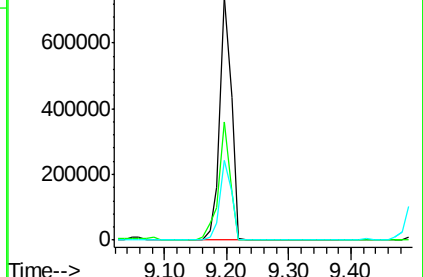
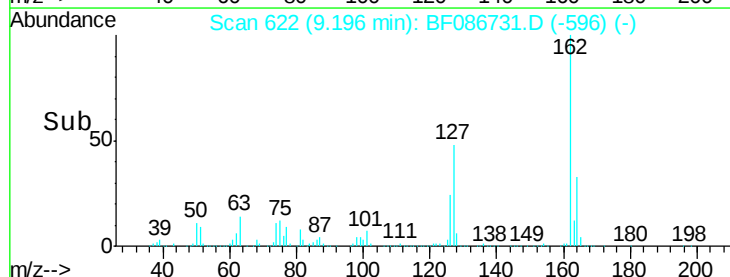
164 32.8 27.0 40.6

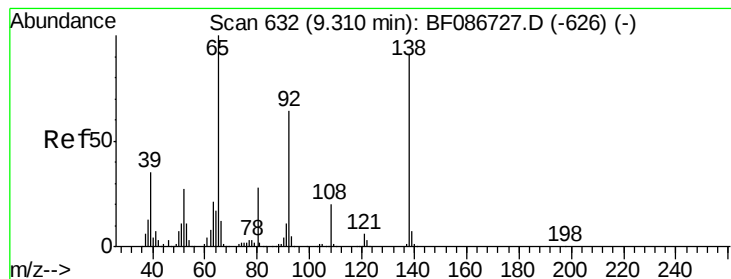


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.82 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

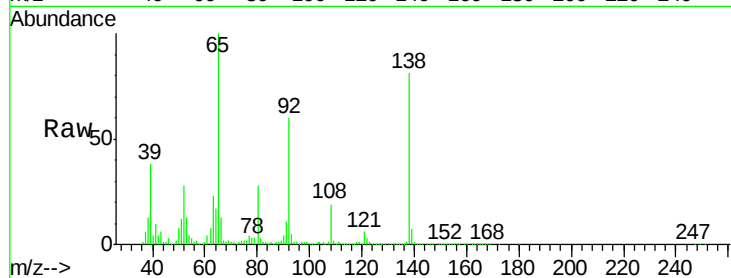
Tot Ion: 65 Resp: 347756

Ion Ratio Lower Upper

65 100

92 60.2 57.4 86.2

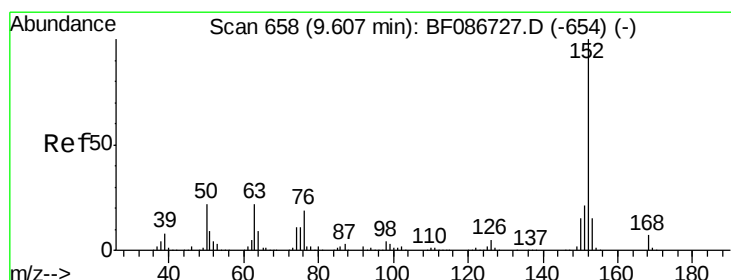
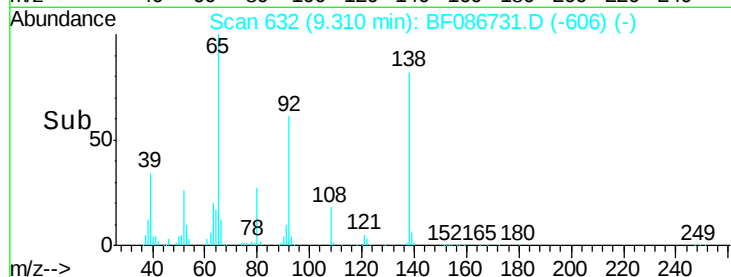
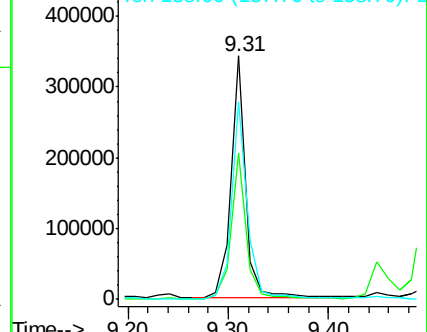
138 81.4 90.1 135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 49.47 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

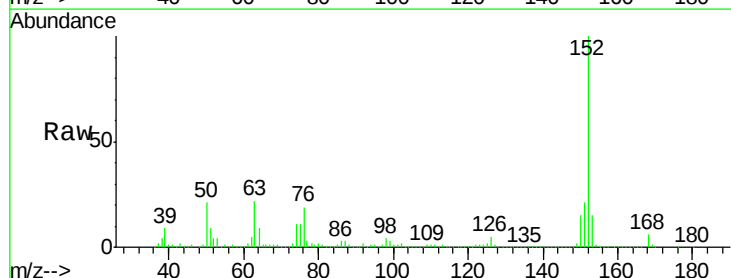
Tgt Ion:152 Resp: 1471576

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

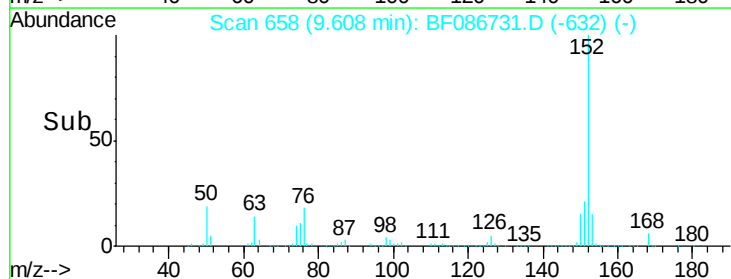
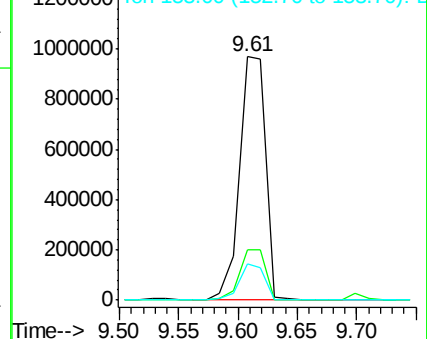
153 14.8 10.9 16.3

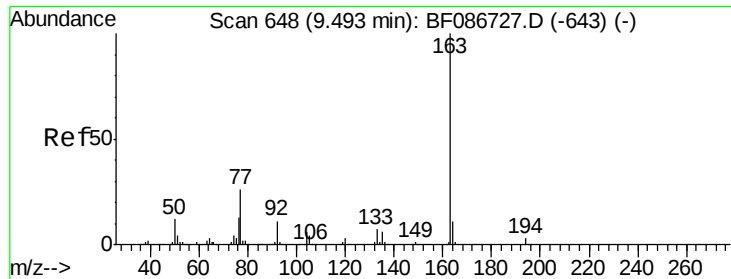


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

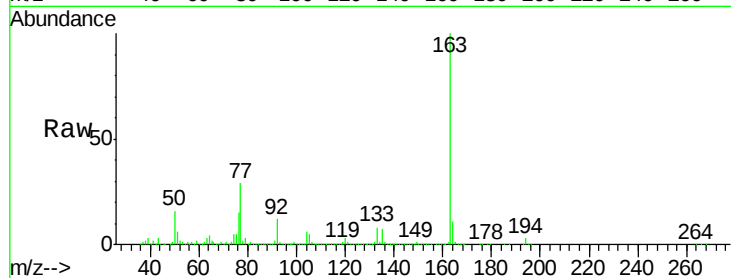




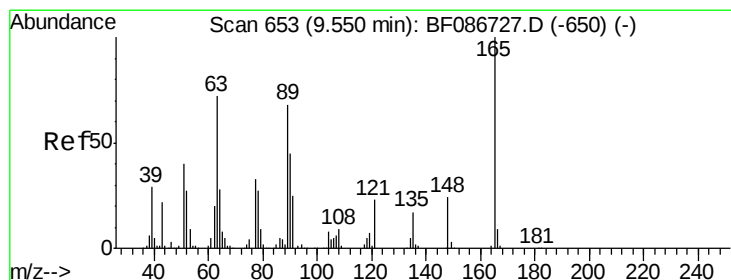
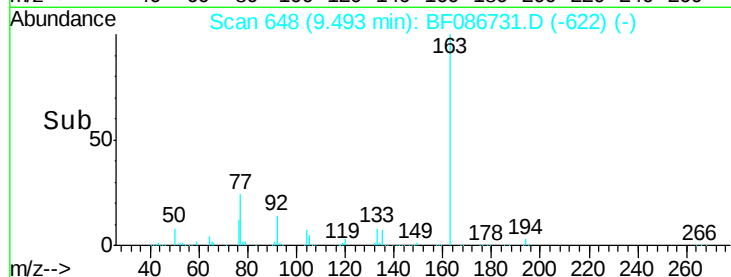
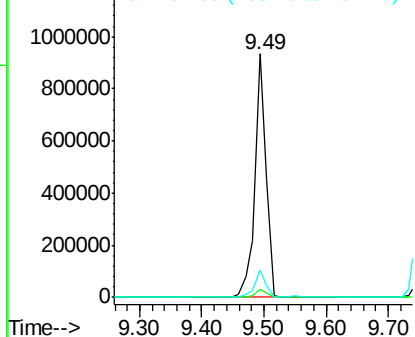
#49
Dimethylphthalate
Concen: 49.50 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1172000
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.1 8.2 12.4

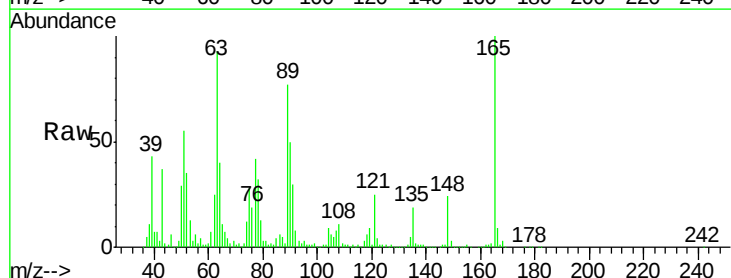


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

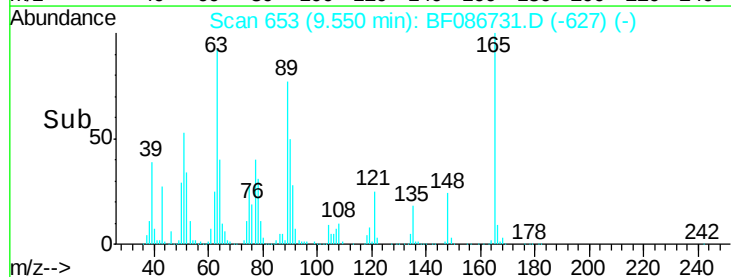
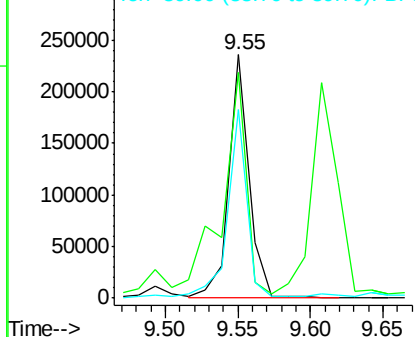


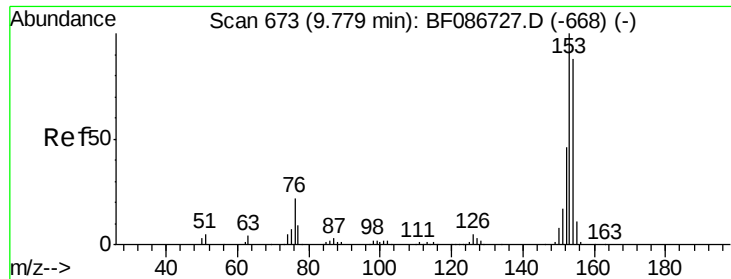
#50
2,6-Dinitrotoluene
Concen: 44.40 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:165 Resp: 225605
Ion Ratio Lower Upper
165 100
63 92.8 51.8 77.8#
89 77.3 50.7 76.1#



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





#51

Acenaphthene

Concen: 47.09 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

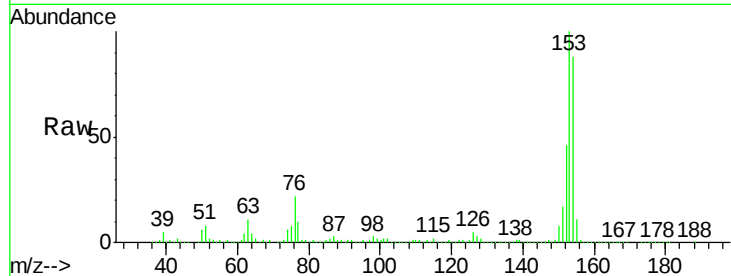
Tot Ion:154 Resp: 924038

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

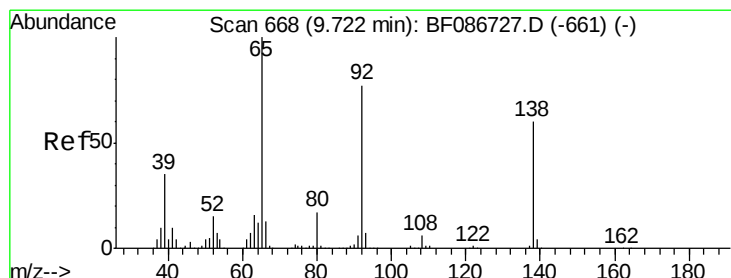
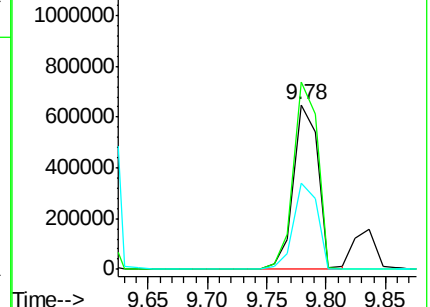
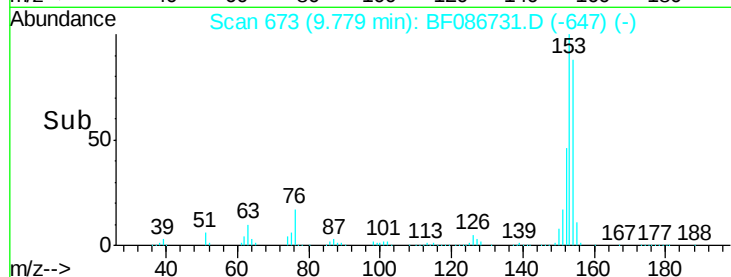
152 52.4 43.4 65.0



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: 20.75 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

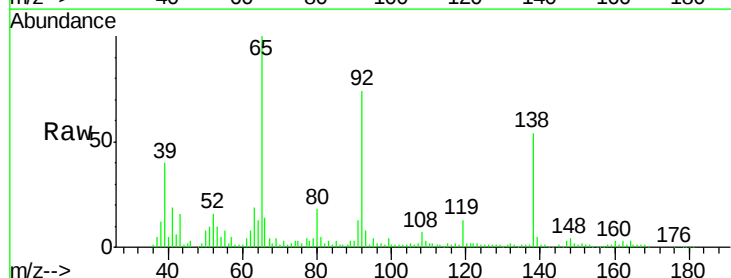
Tgt Ion:138 Resp: 119831

Ion Ratio Lower Upper

138 100

108 13.1 7.8 11.6#

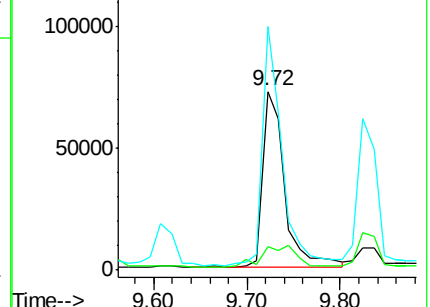
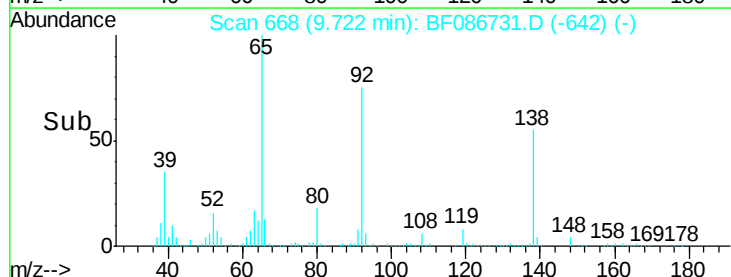
92 136.2 87.8 131.8#

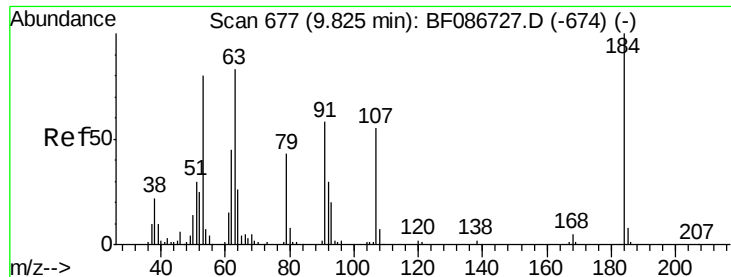


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

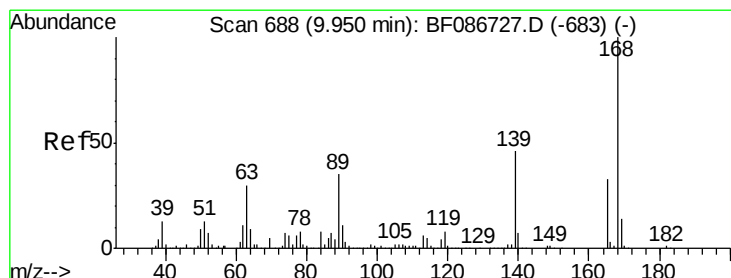
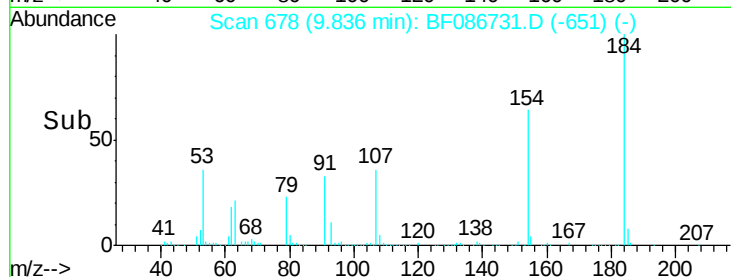
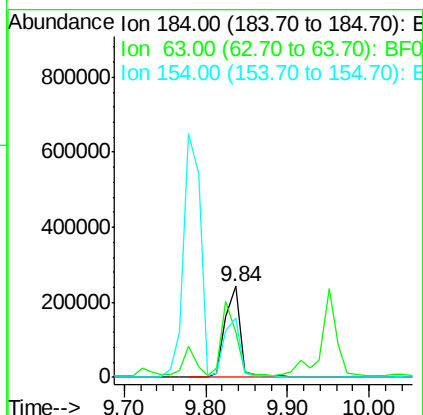
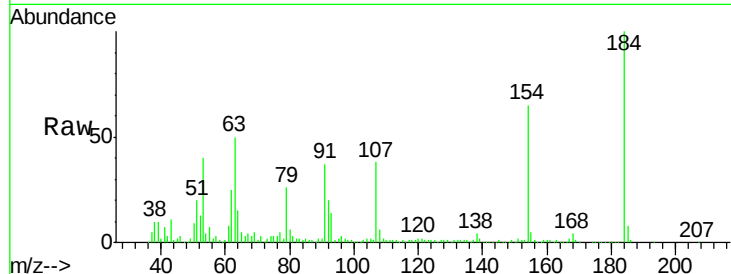




#53
 2,4-Dinitrophenol
 Concen: 116.14 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

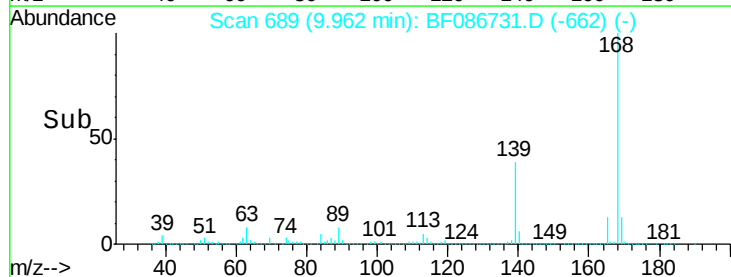
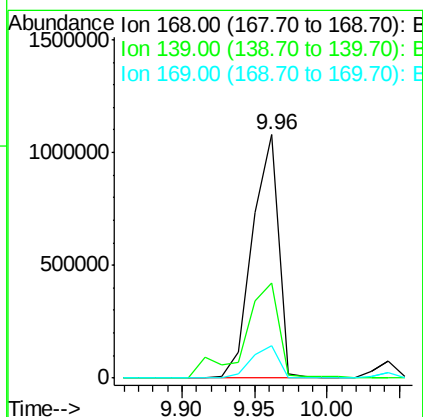
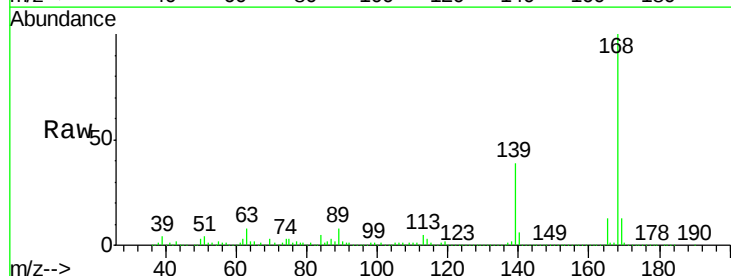
Instrument :
 BNA_F
 ClientSampleId :

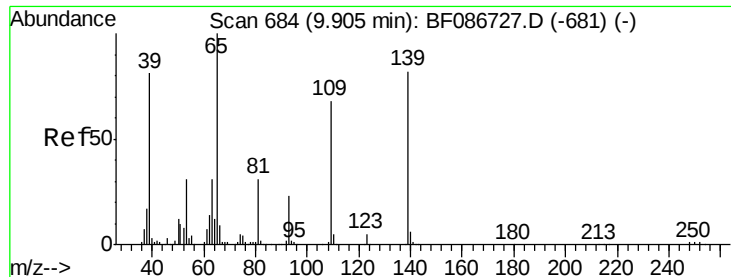
Tot Ion:184 Resp: 312520
 Ion Ratio Lower Upper
 184 100
 63 49.8 55.8 83.8#
 154 64.7 62.4 93.6



#54
 Dibenzofuran
 Concen: 55.41 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion:168 Resp: 1347615
 Ion Ratio Lower Upper
 168 100
 139 39.1 31.4 47.0
 169 13.1 10.7 16.1

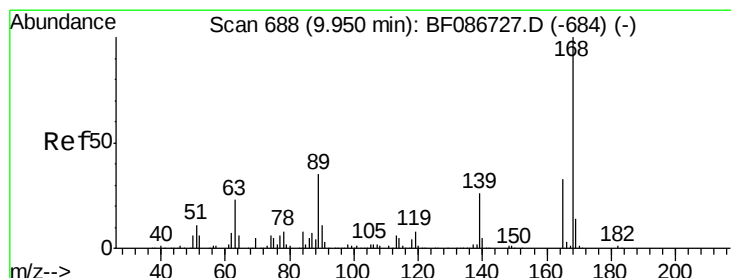
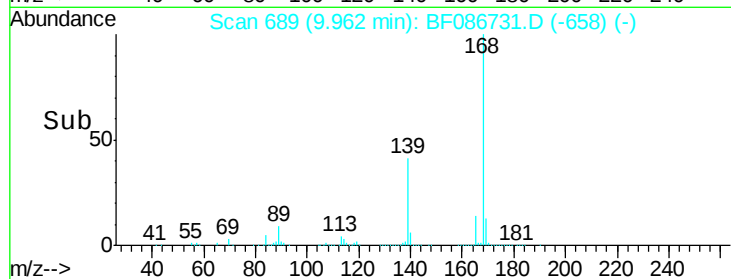
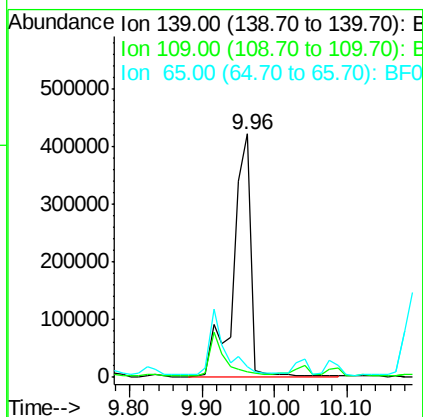
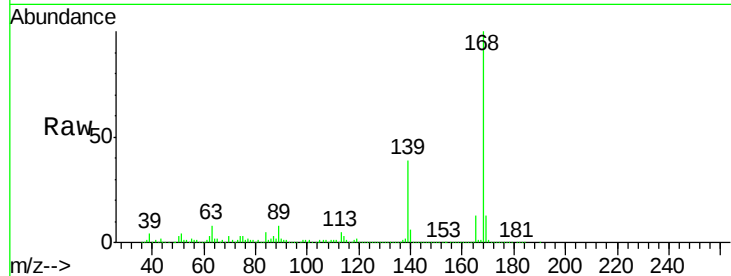




#55
4-Nitrophenol
Concen: 206.40 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.06 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

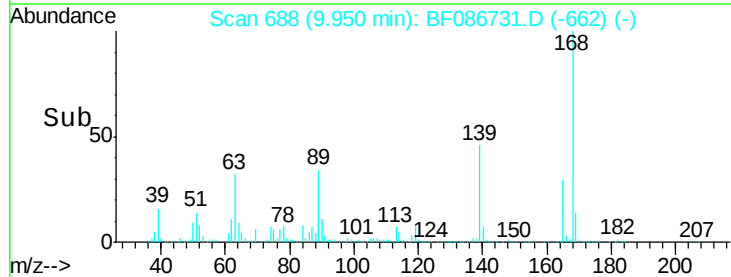
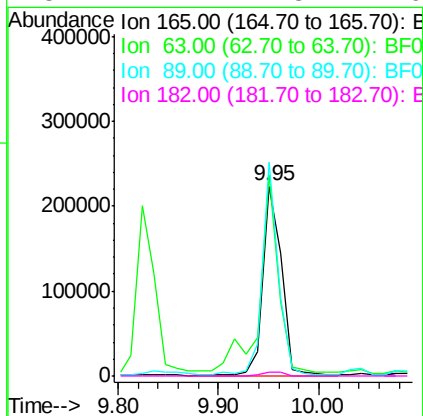
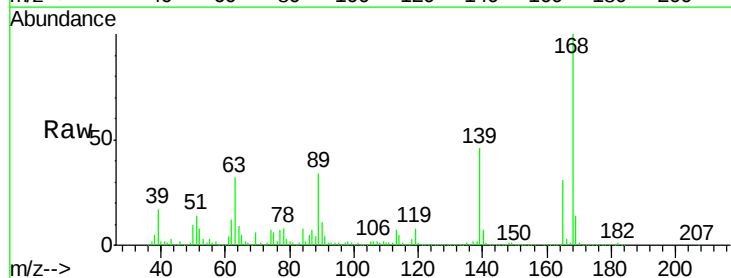
Instrument :
BNA_F
ClientSampleId :

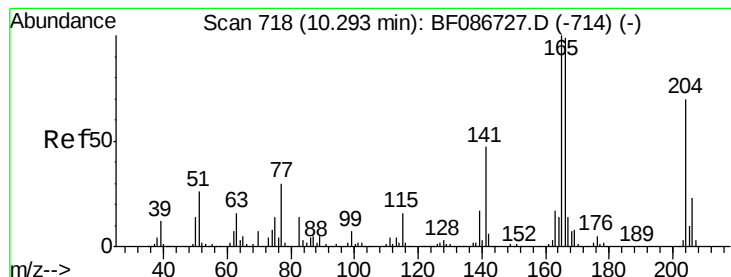
Tot Ion	Ratio	Lower	Upper
139	100		
109	2.5	36.9	76.9#
65	4.1	64.0	104.0#



#56
2,4-Dinitrotoluene
Concen: 45.18 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	105.7	44.3	66.5#
89	112.4	70.0	105.0#
182	2.4	1.8	2.6





#57

Fluorene

Concen: 47.38 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampled :

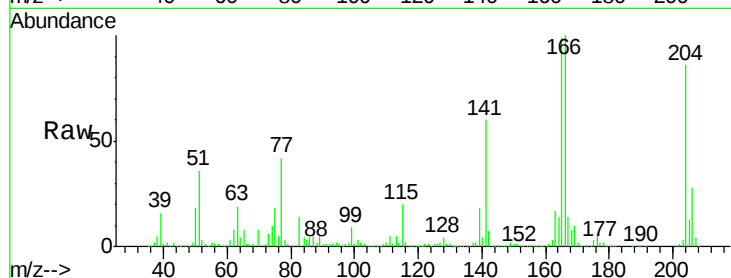
Tot Ion:166 Resp: 933869

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.6

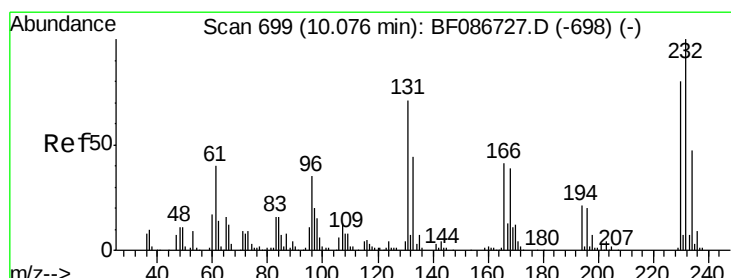
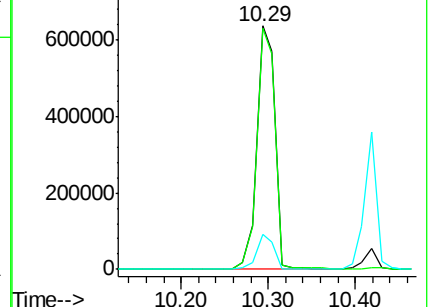
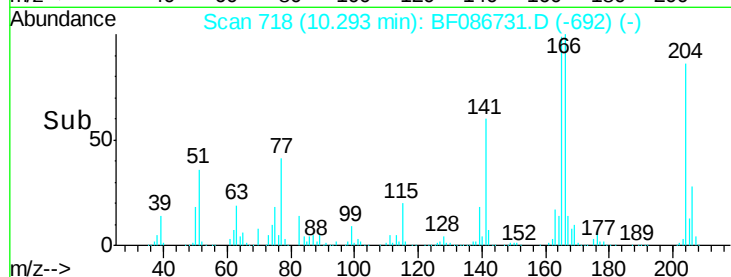
167 14.2 10.6 15.8



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: 61.20 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Tgt Ion:232 Resp: 274496

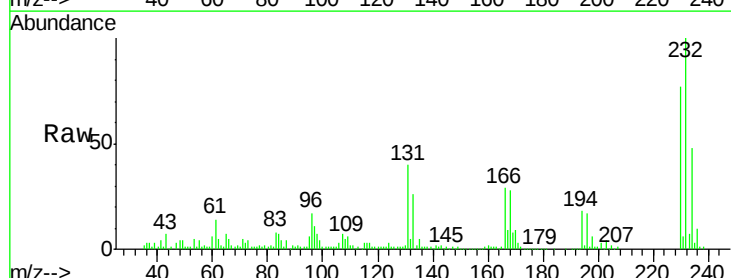
Ion Ratio Lower Upper

232 100

131 53.5 41.9 62.9

130 2.9 2.2 3.4

166 33.9 26.8 40.2

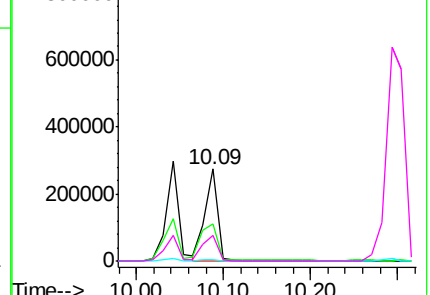
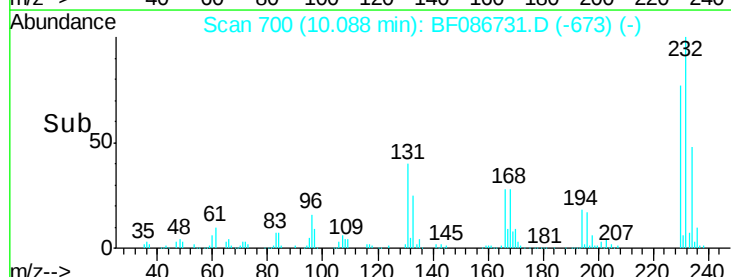


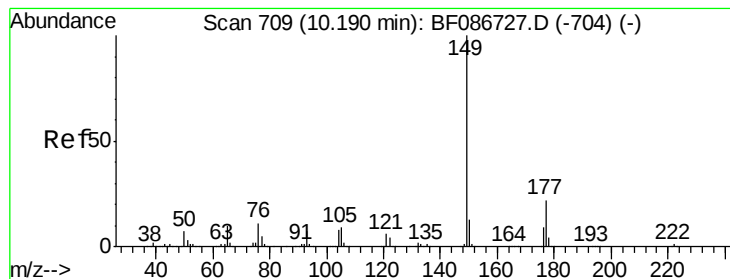
Abundance Ion 232.00 (231.70 to 232.70): E

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: 52.74 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

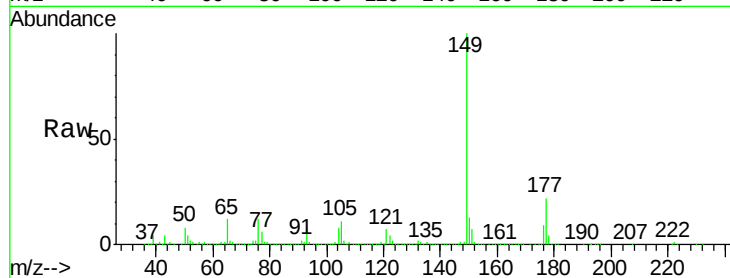
Tot Ion:149 Resp: 1181830

Ion Ratio Lower Upper

149 100

177 22.4 16.6 24.8

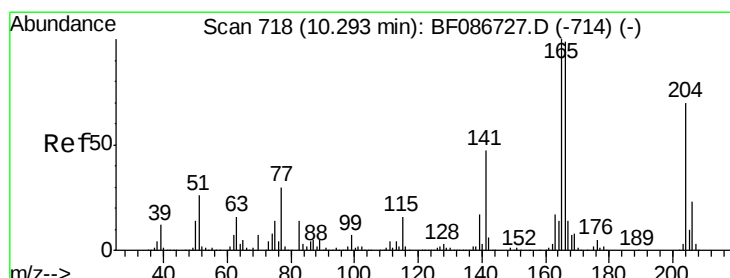
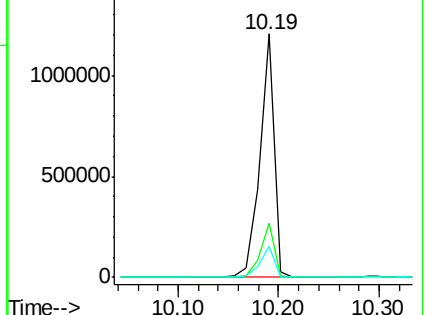
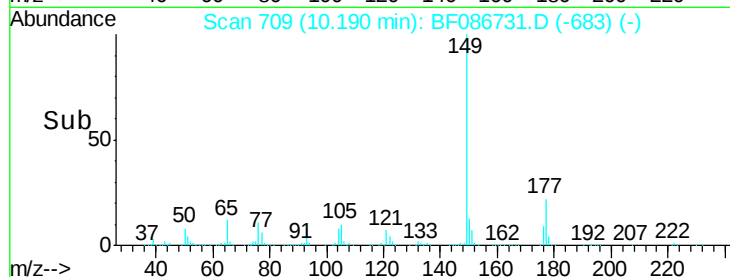
150 12.9 10.0 15.0



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: 51.37 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

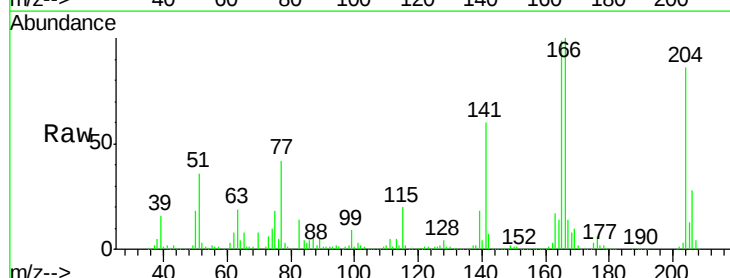
Tgt Ion:204 Resp: 481313

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

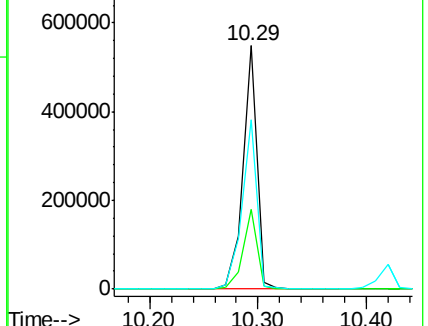
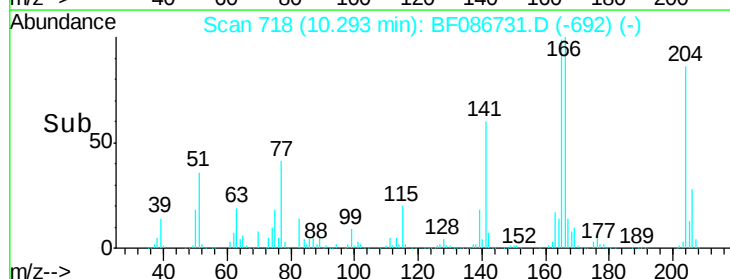
141 69.4 61.6 92.4

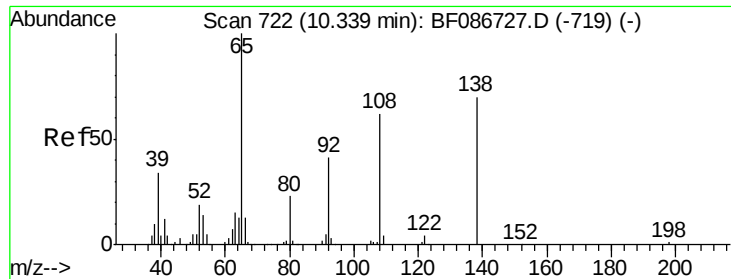


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

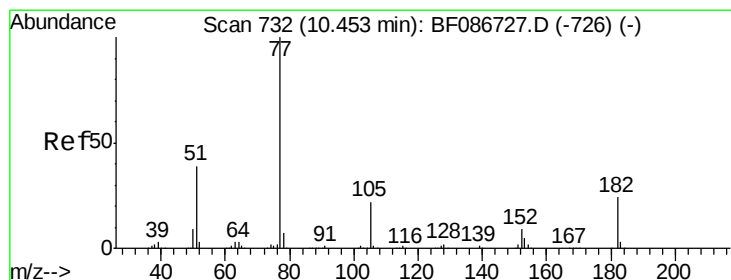
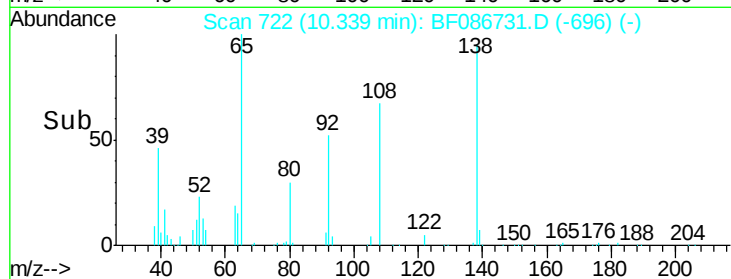
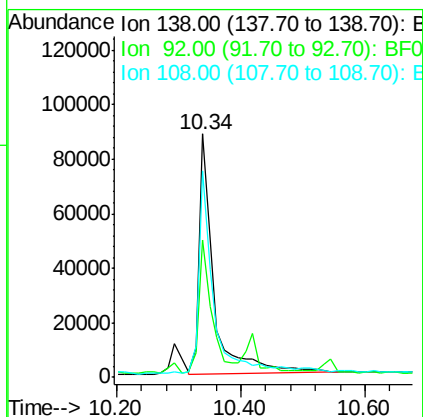
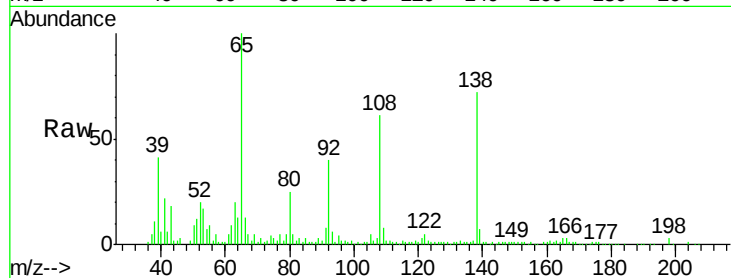




#61
4-Nitroaniline
Concen: 26.44 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

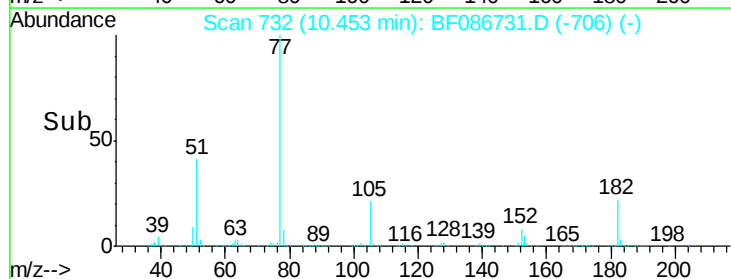
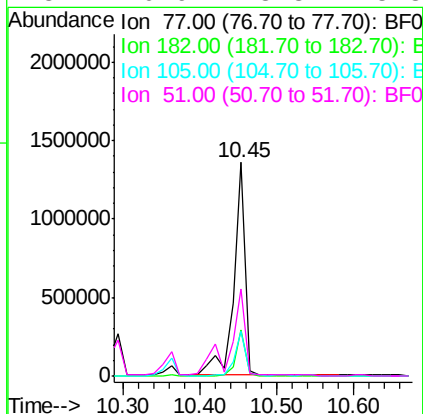
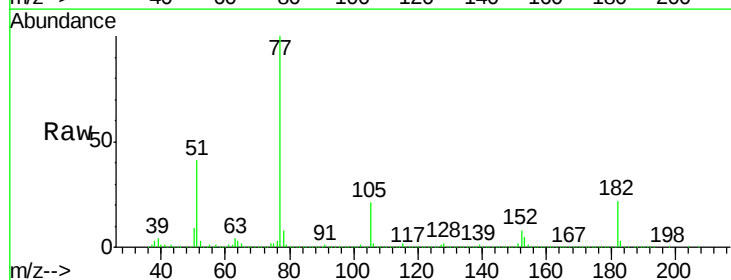
Instrument :
BNA_F
ClientSampleId :

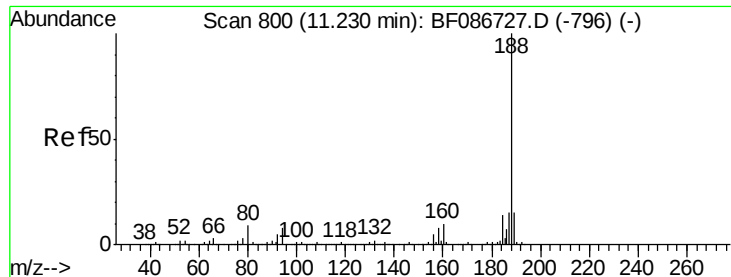
Tot Ion:138 Resp: 146744
Ion Ratio Lower Upper
138 100
92 56.5 24.7 64.7
108 84.8 37.4 77.4#



#62
Azobenzene
Concen: 58.15 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion: 77 Resp: 1444027
Ion Ratio Lower Upper
77 100
182 21.8 0.0 38.8
105 21.1 3.2 43.2
51 40.9 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: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

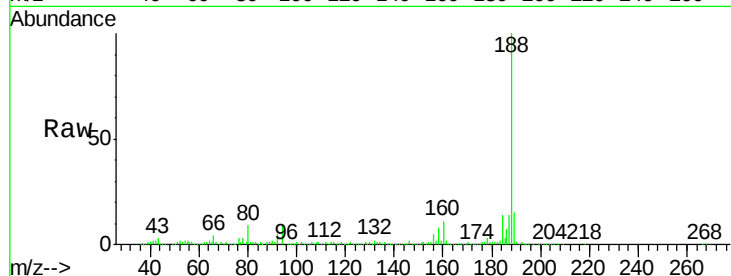
Tot Ion:188 Resp: 567070

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

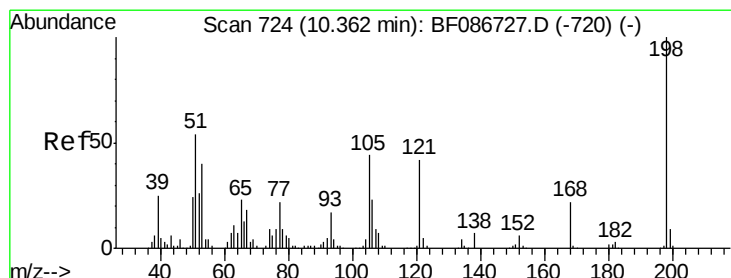
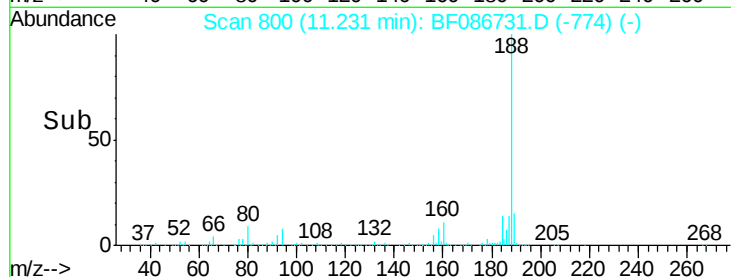
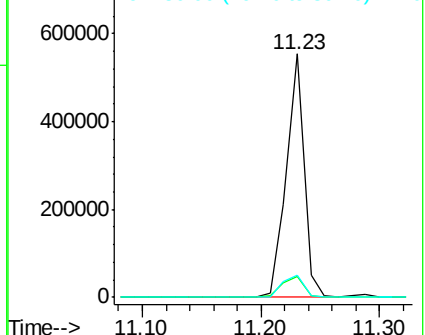
80 9.2 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 62.01 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

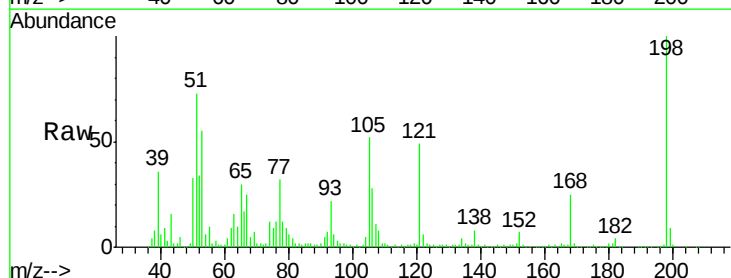
Tgt Ion:198 Resp: 195808

Ion Ratio Lower Upper

198 100

51 72.6 20.5 60.5#

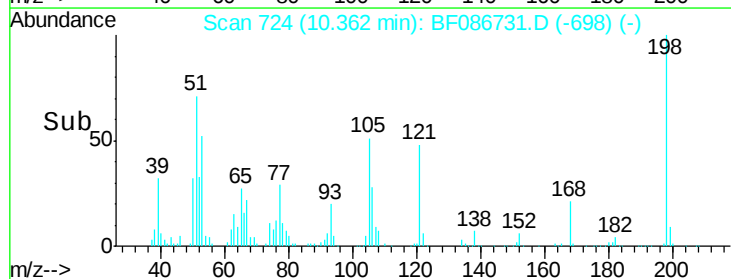
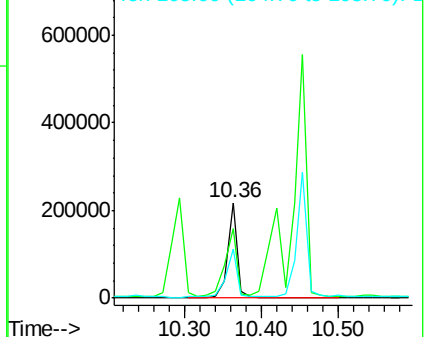
105 52.1 24.5 64.5

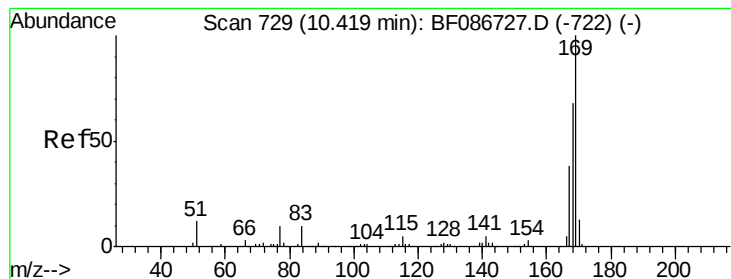


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.12 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

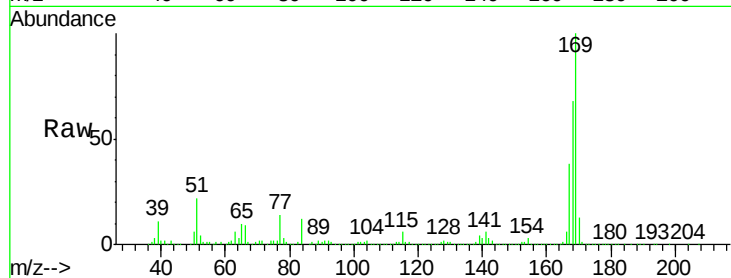
Tot Ion:169 Resp: 920466

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.6

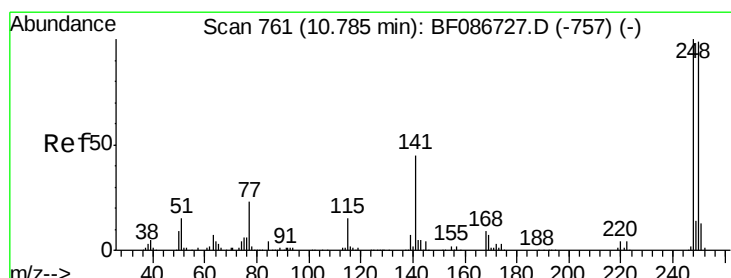
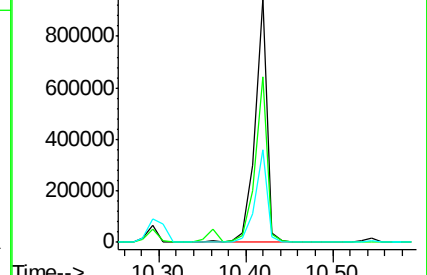
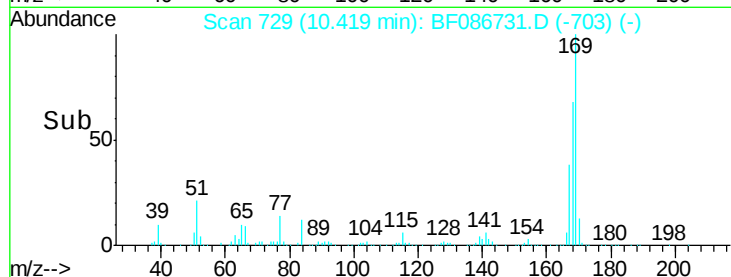
167 38.1 29.5 44.3



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: 51.54 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

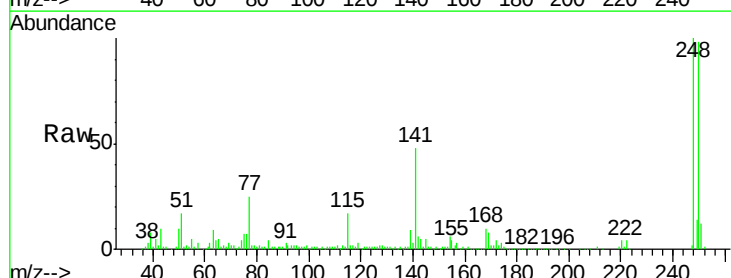
Tgt Ion:248 Resp: 290421

Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

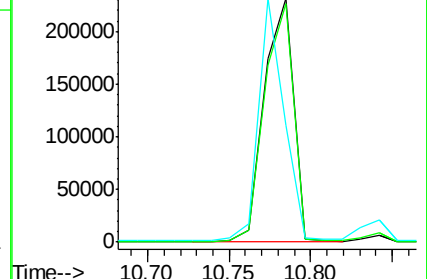
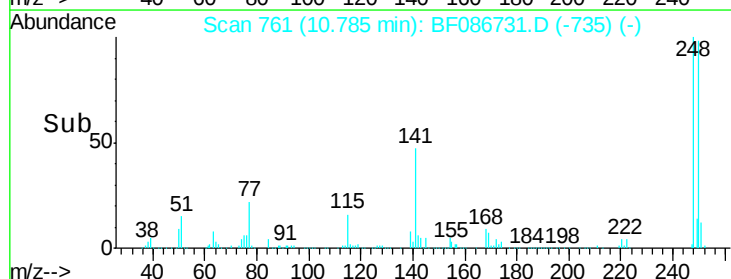
141 48.3 76.0 114.0#

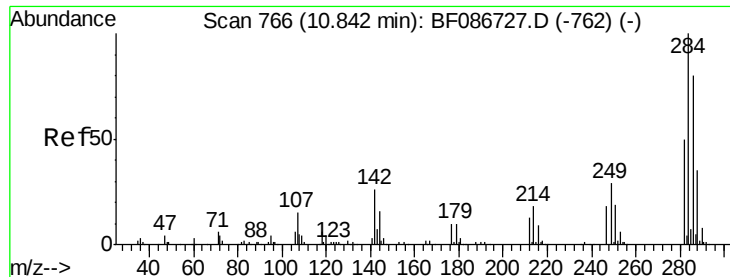


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

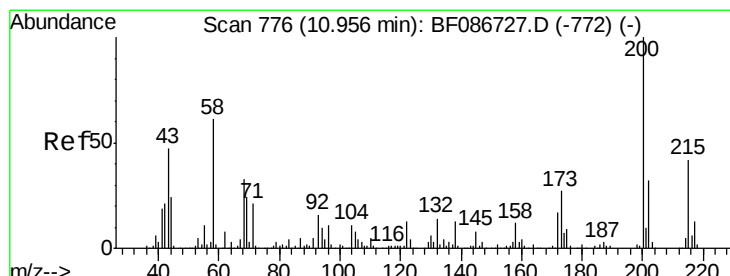
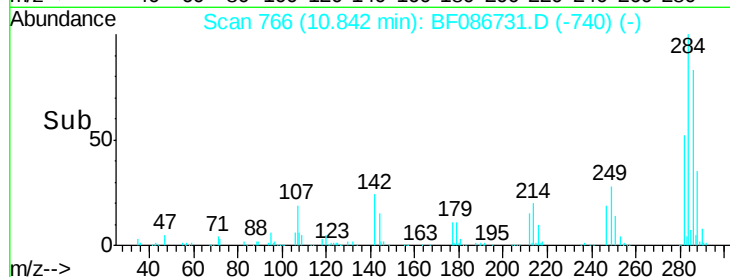
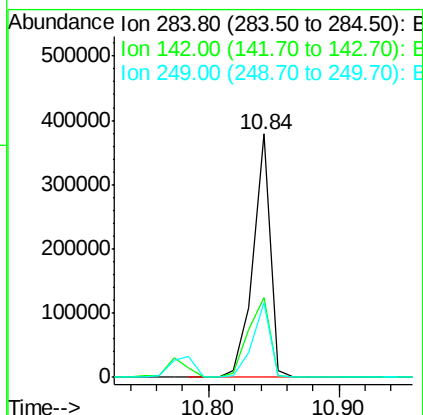
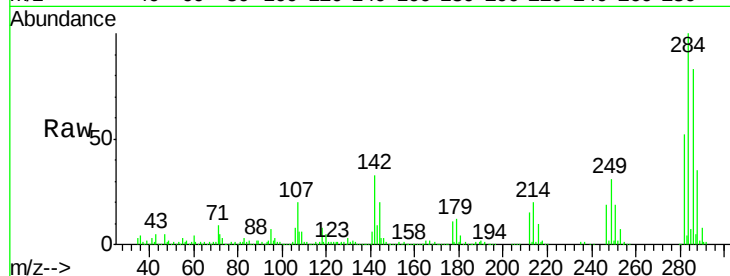




#67
Hexachlorobenzene
Concen: 50.69 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

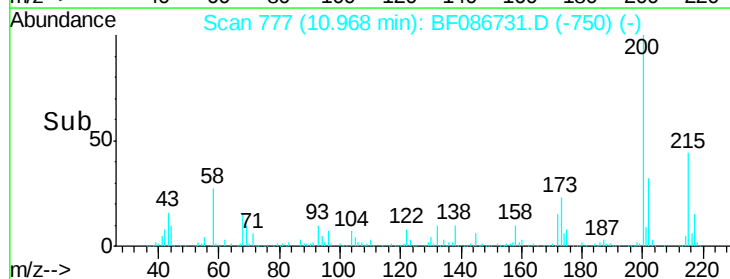
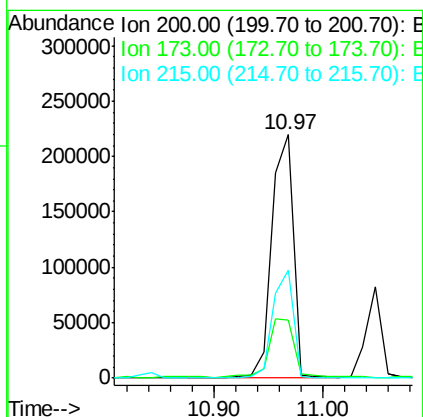
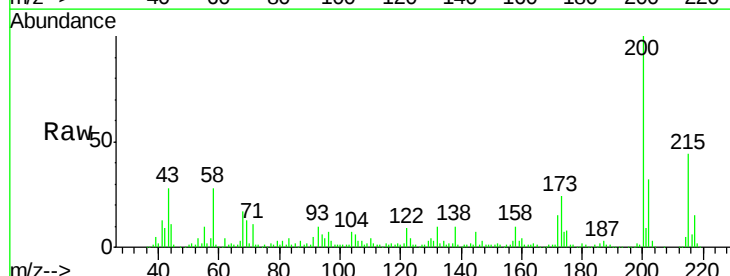
Instrument :
BNA_F
ClientSampled :

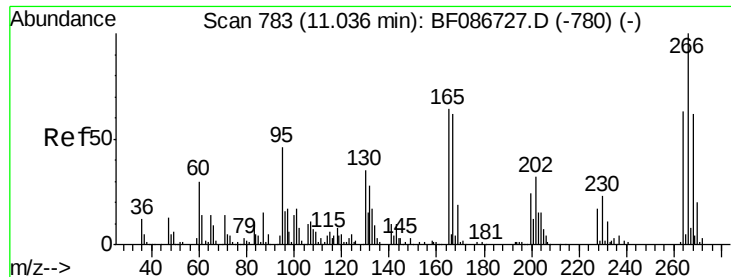
Tot Ion:284 Resp: 348366
Ion Ratio Lower Upper
284 100
142 32.9 16.7 25.1#
249 30.9 21.3 31.9



#68
Atrazine
Concen: 54.55 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.01 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:200 Resp: 300987
Ion Ratio Lower Upper
200 100
173 23.7 8.5 48.5
215 44.2 27.2 67.2

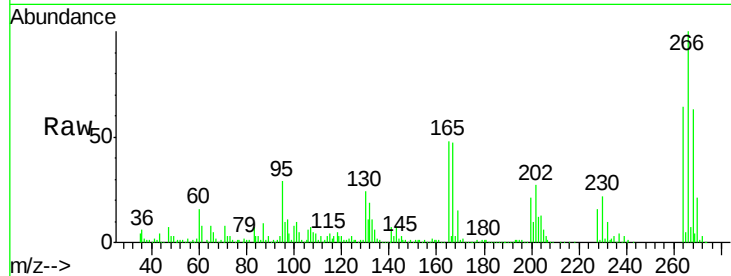




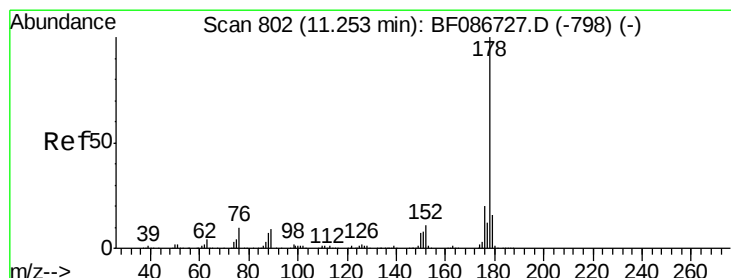
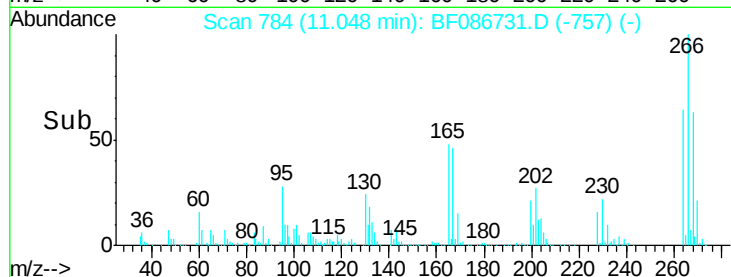
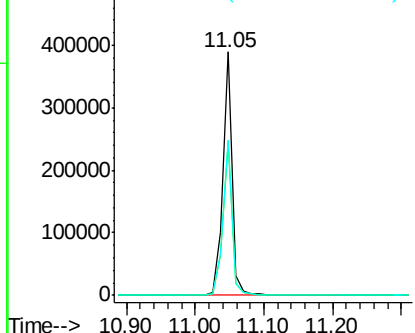
#69
 Pentachlorophenol
 Concen: 110.50 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 376485
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 63.7 52.9 79.3

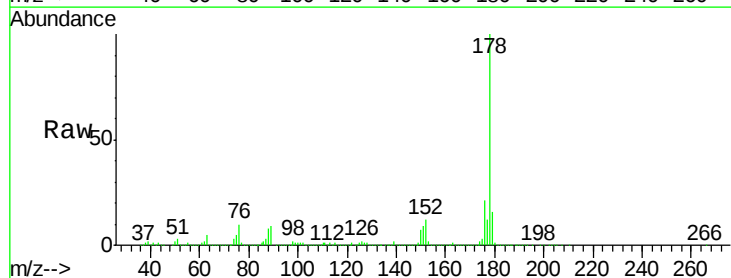


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

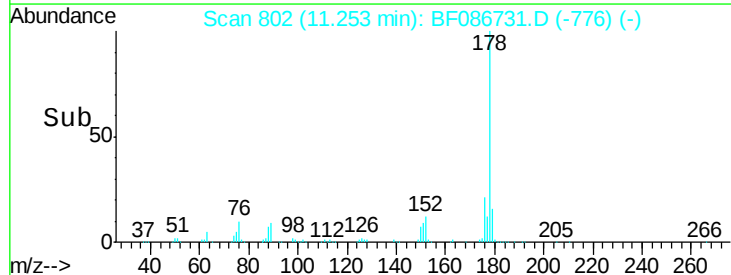
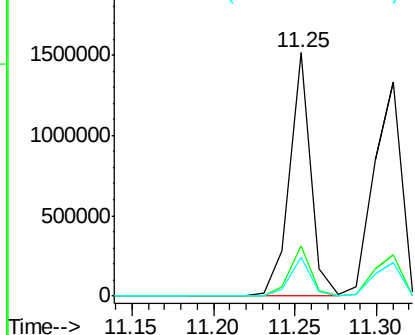


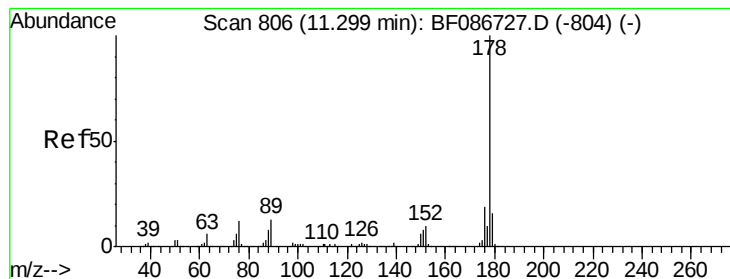
#70
 Phenanthrene
 Concen: 45.06 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086731.D
 Acq: 6 May 2016 18:37

Tgt Ion:178 Resp: 1372459
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.1 12.6 18.8



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





#71

Anthracene

Concen: 49.39 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

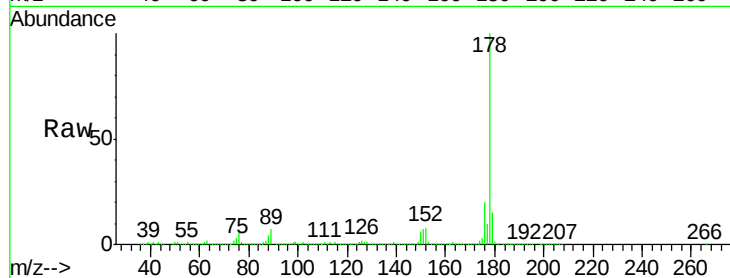
Tot Ion:178 Resp: 1575281

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

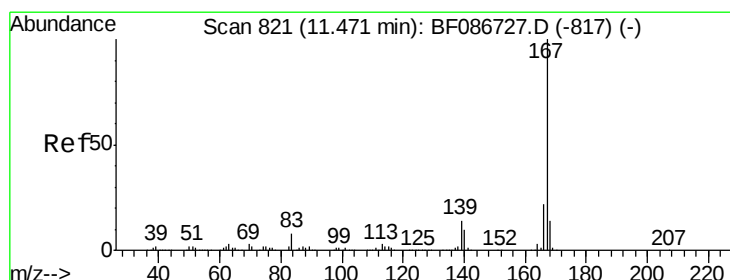
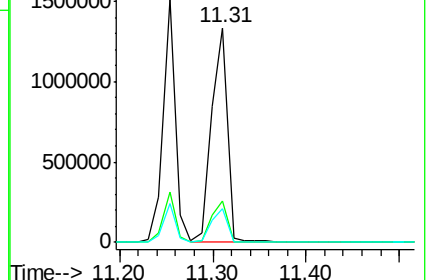
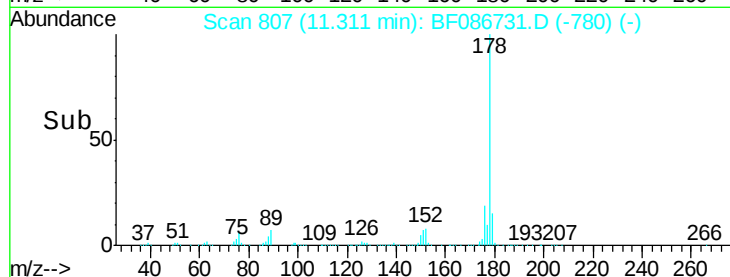
179 15.5 12.7 19.1



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: 46.69 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

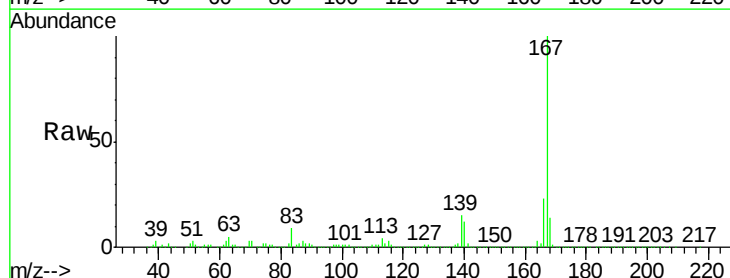
Tgt Ion:167 Resp: 1293266

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

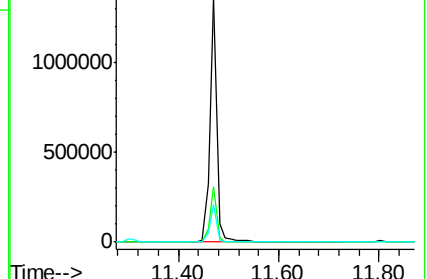
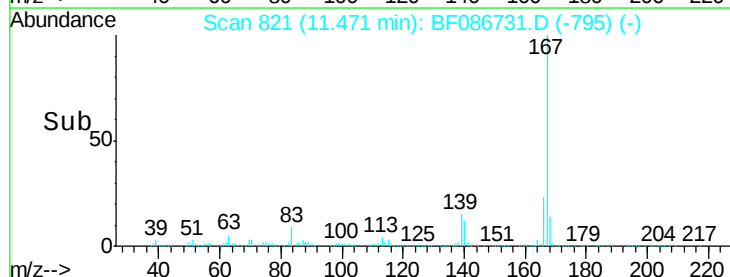
139 15.3 10.8 16.2

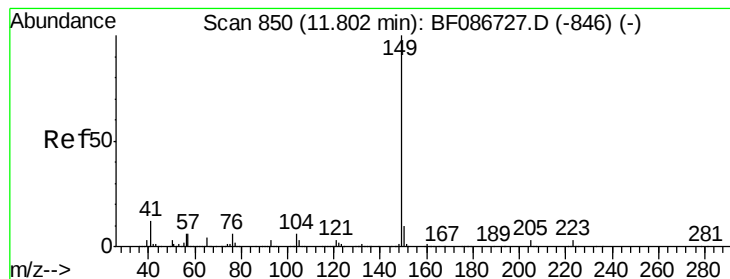


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.28 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampled :

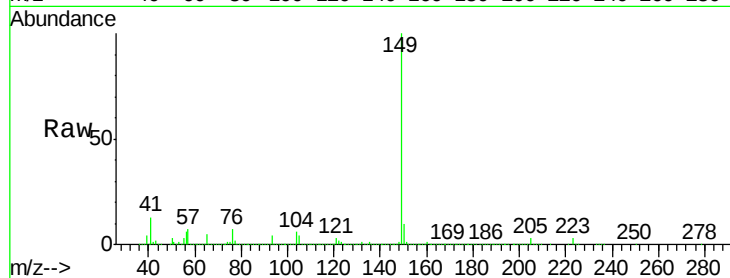
Tot Ion:149 Resp: 1554620

Ion Ratio Lower Upper

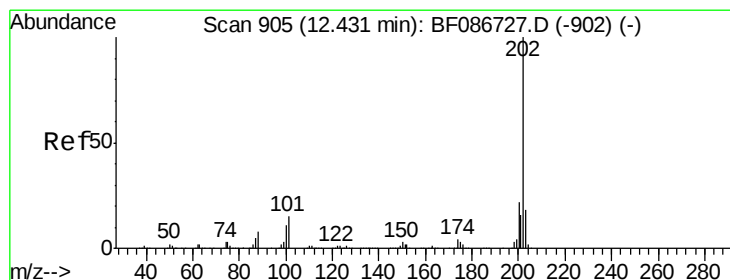
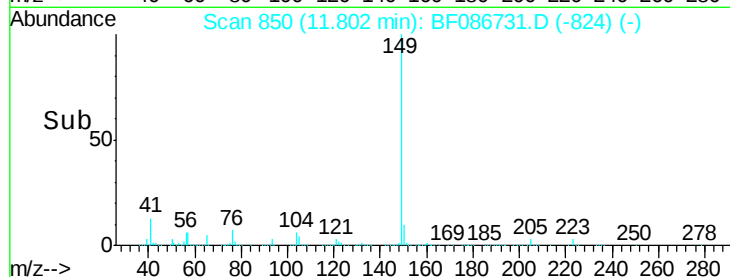
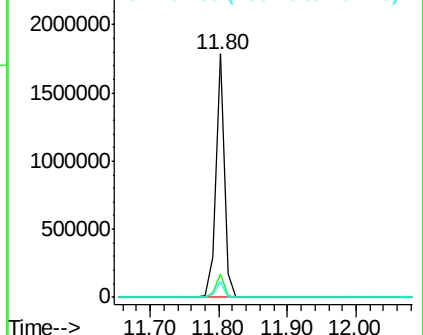
149 100

150 9.8 7.6 11.4

104 6.3 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: 48.79 ng

RT: 12.44 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

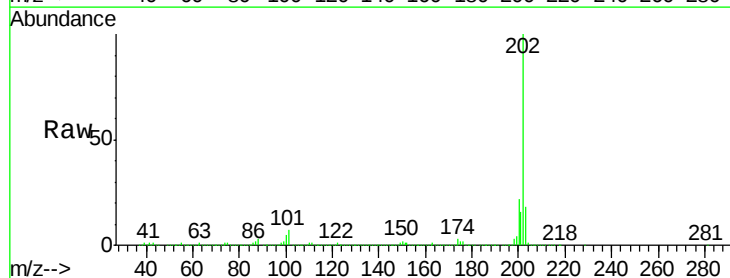
Tgt Ion:202 Resp: 1489337

Ion Ratio Lower Upper

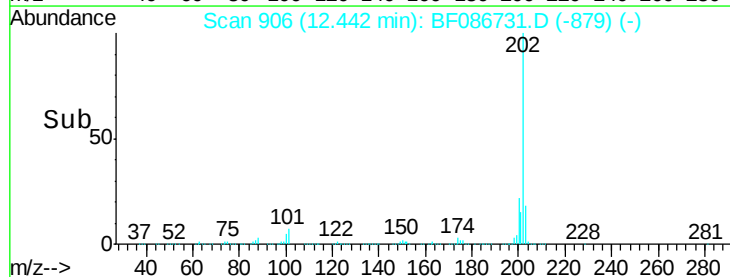
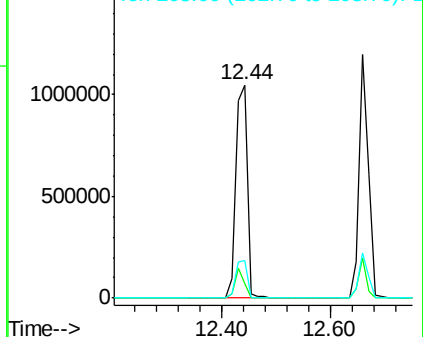
202 100

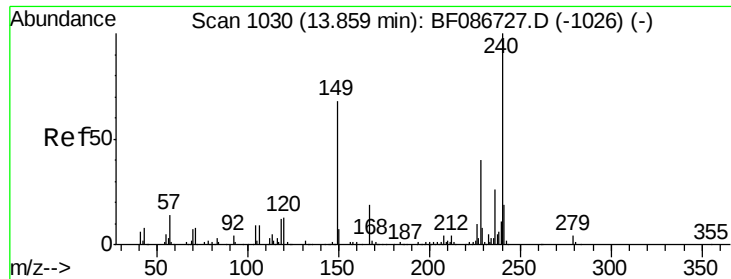
101 6.9 0.0 35.4

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampled :

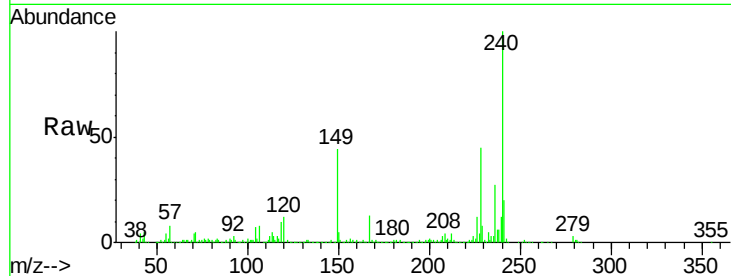
Tot Ion:240 Resp: 393472

Ion Ratio Lower Upper

240 100

120 11.7 11.2 16.8

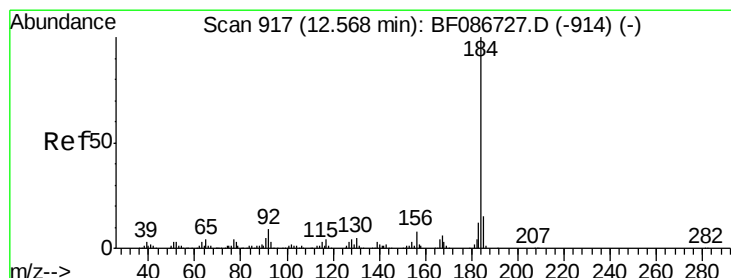
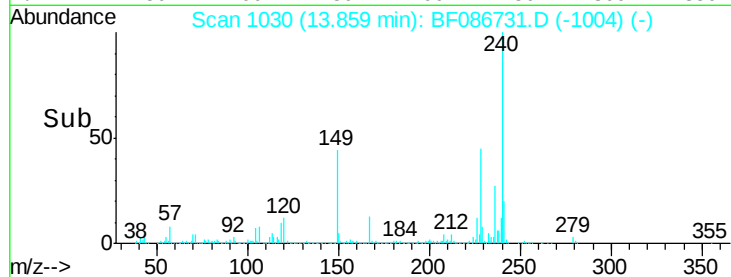
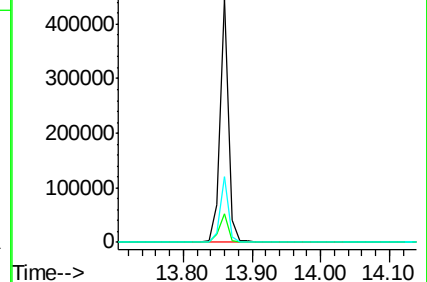
236 26.9 21.2 31.8



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: 7.35 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.07 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

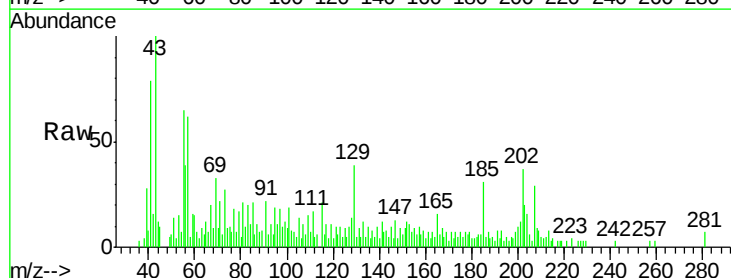
Tgt Ion:184 Resp: 3289

Ion Ratio Lower Upper

184 100

185 560.5 13.6 20.4#

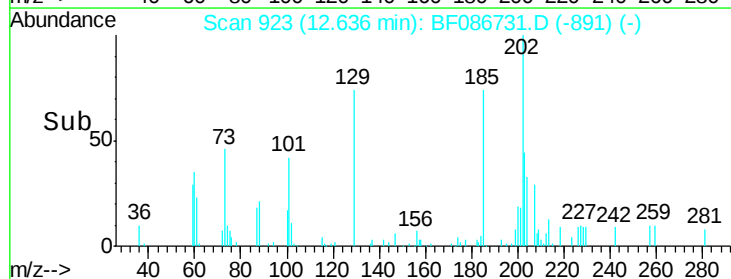
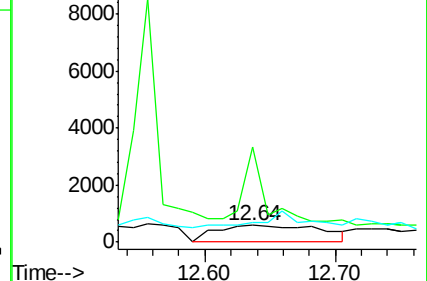
183 113.2 9.8 14.6#

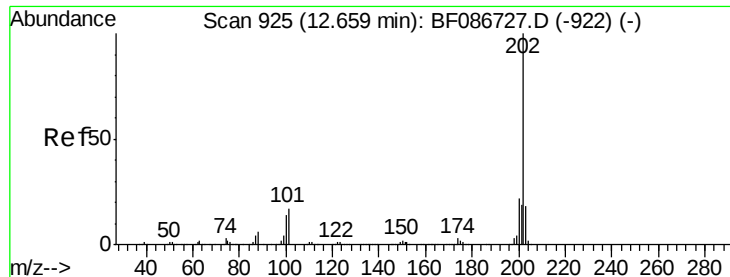


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

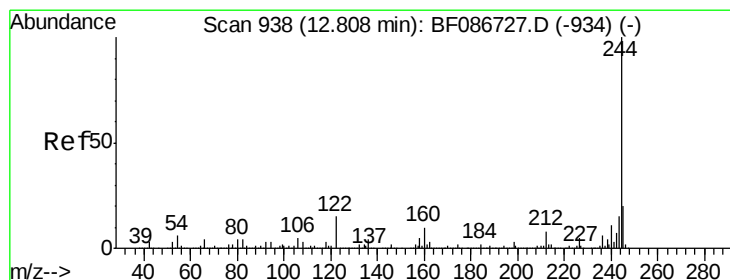
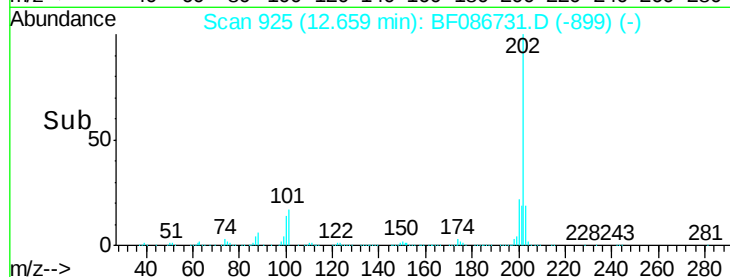
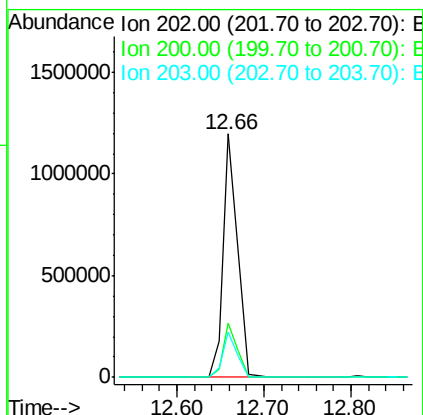
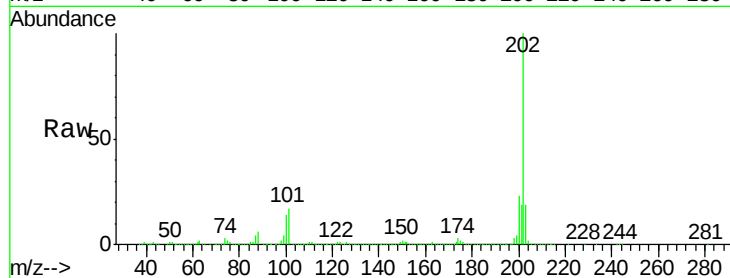




#77
Pvrene
Concen: 44.02 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

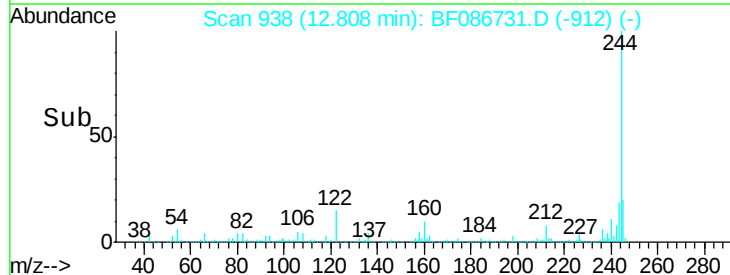
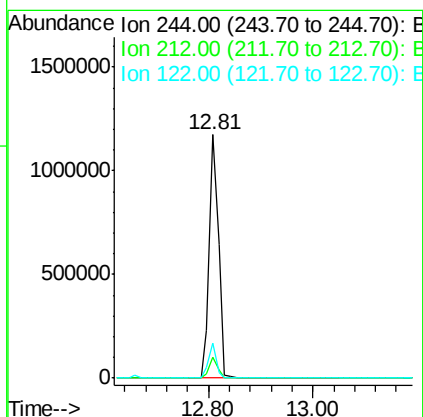
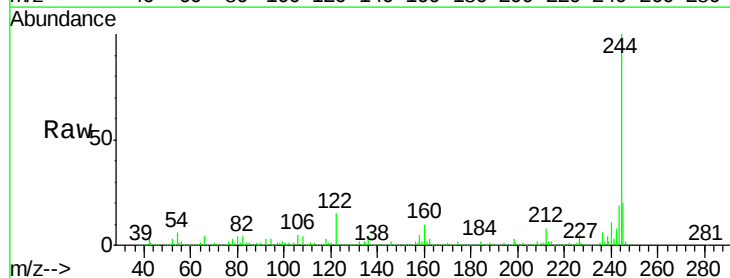
Instrument :
BNA_F
ClientSampleId :

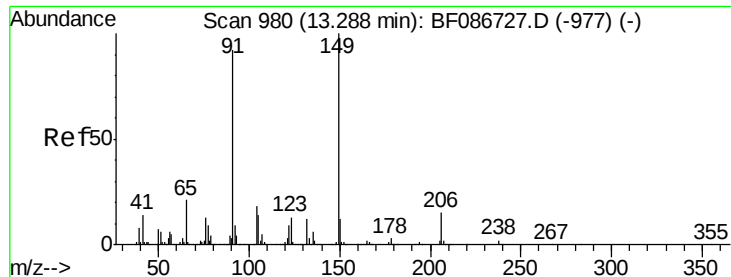
Tot Ion:202 Resp: 1380892
Ion Ratio Lower Upper
202 100
200 22.5 17.7 26.5
203 18.6 14.2 21.4



#78
Terphenyl-d14
Concen: 74.01 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:244 Resp: 1440830
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.2
122 14.6 12.0 18.0

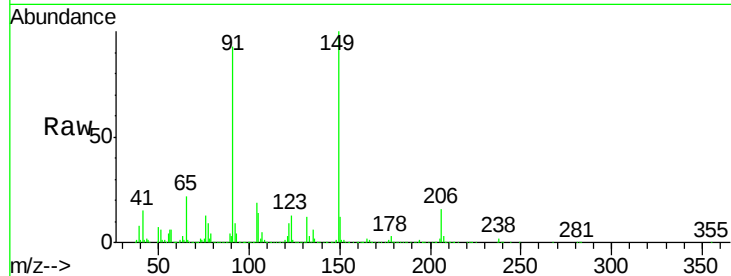




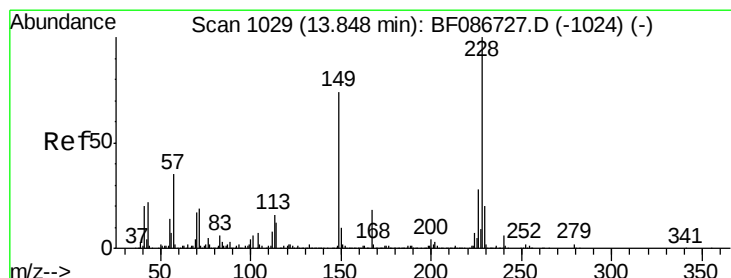
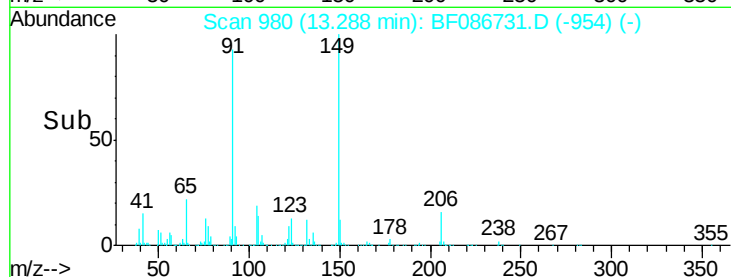
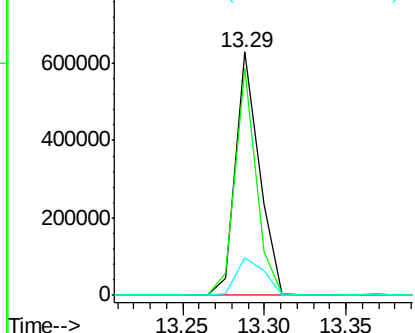
#79
Butylbenzylphthalate
Concen: 47.70 ng
RT: 13.29 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 626785
Ion Ratio Lower Upper
149 100
91 93.1 48.0 72.0#
206 15.6 15.8 23.6#

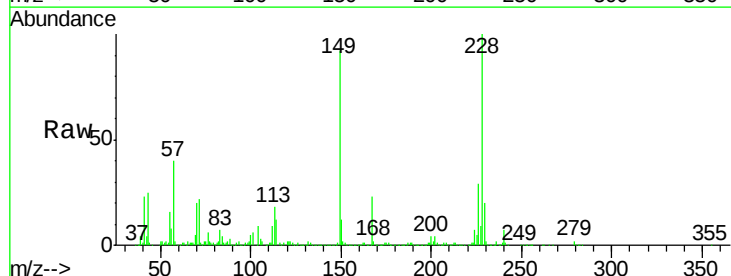


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

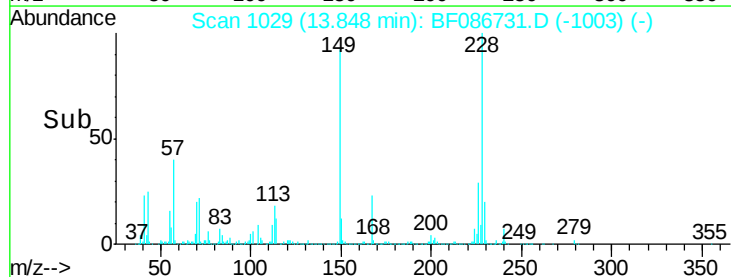
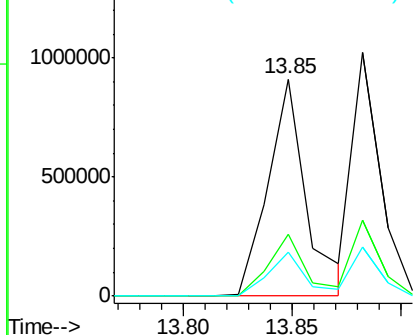


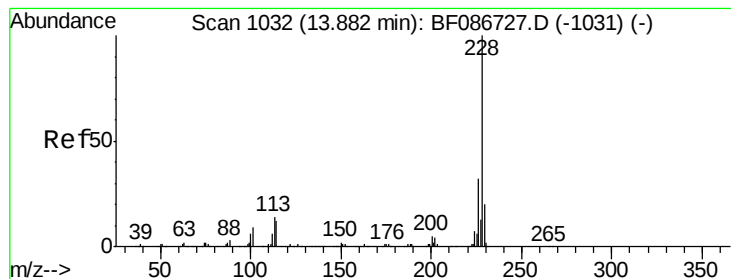
#80
Benzo(a)anthracene
Concen: 50.33 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:228 Resp: 1119944
Ion Ratio Lower Upper
228 100
226 28.6 22.5 33.7
229 20.4 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





#82

Chrysene

Concen: 39.75 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

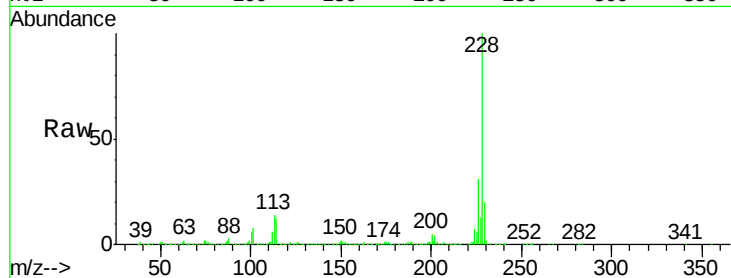
Tot Ion:228 Resp: 943686

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

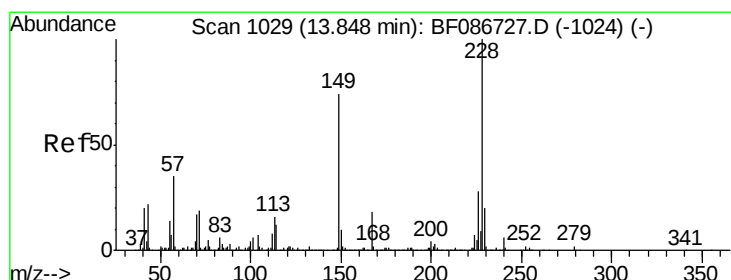
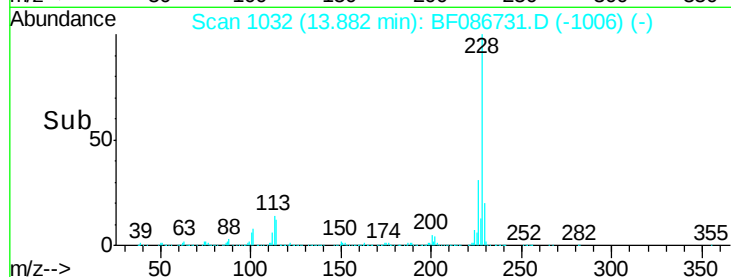
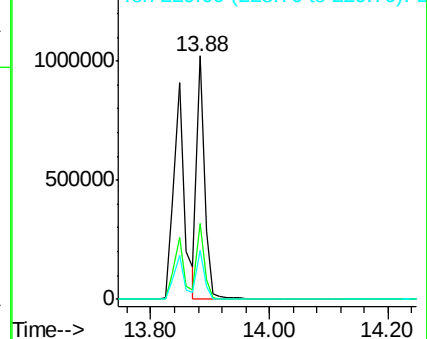
229 20.3 15.8 23.8



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: 51.07 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

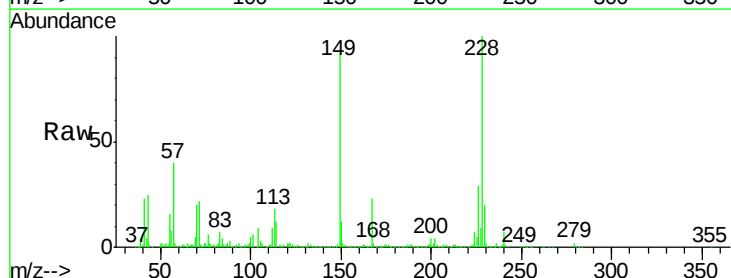
Tgt Ion:149 Resp: 776447

Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.6

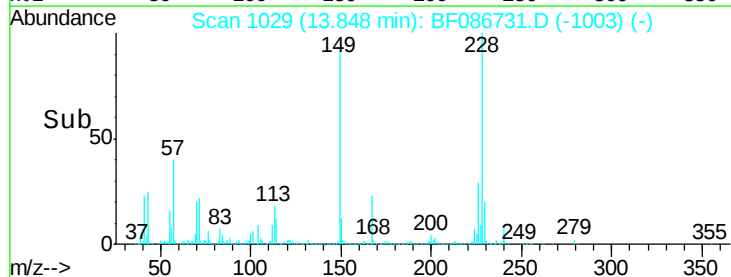
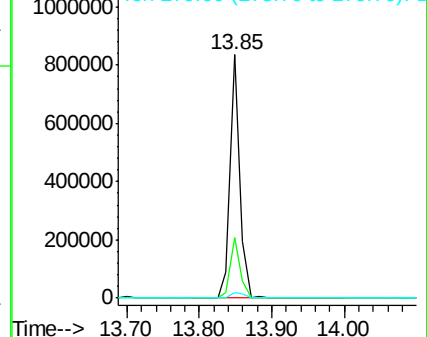
279 2.5 2.6 4.0#

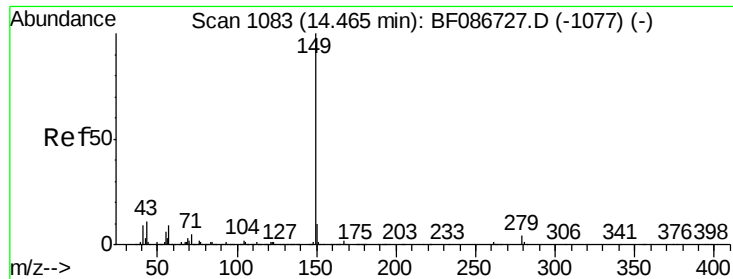


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 62.38 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

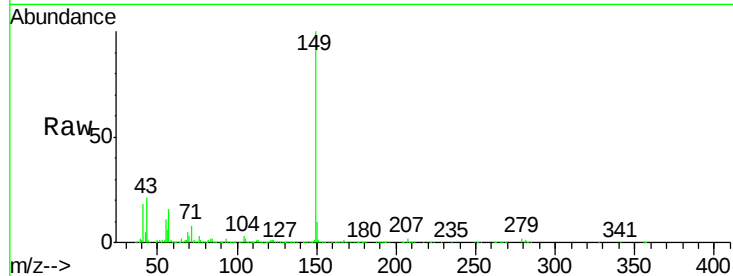
Tot Ion:149 Resp: 1395733

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

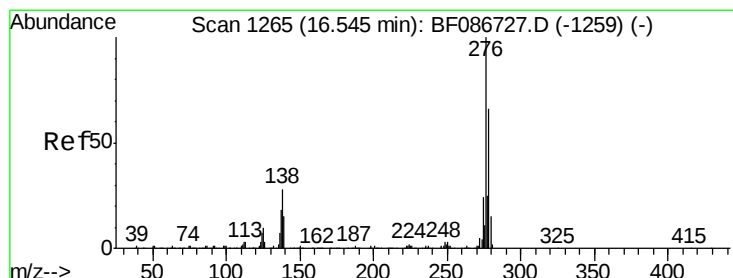
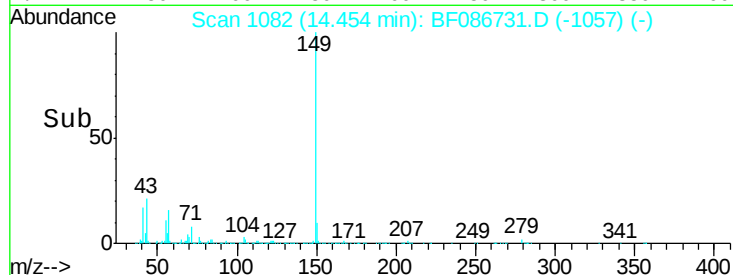
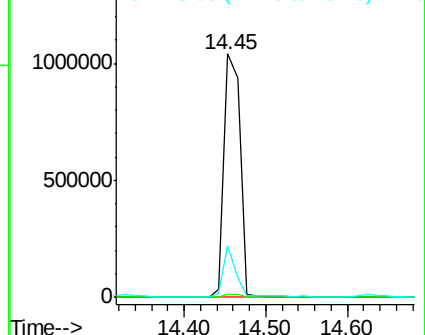
43 15.6 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.25 ng

RT: 16.55 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

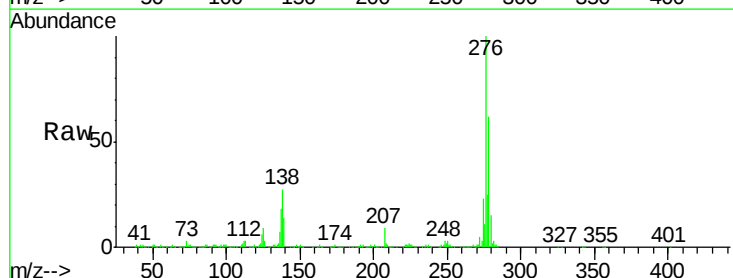
Tgt Ion:276 Resp: 982815

Ion Ratio Lower Upper

276 100

138 27.2 25.6 38.4

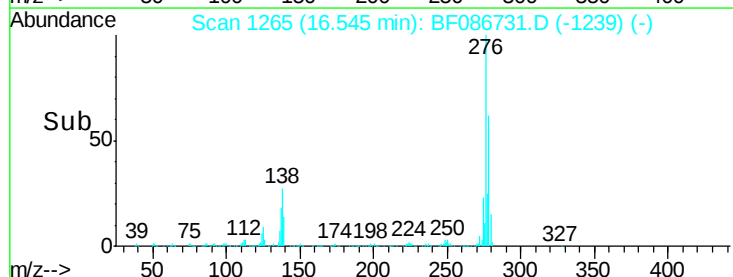
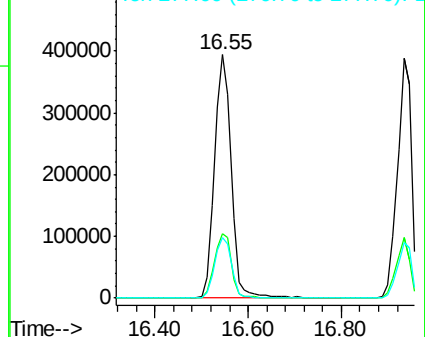
277 25.2 20.5 30.7

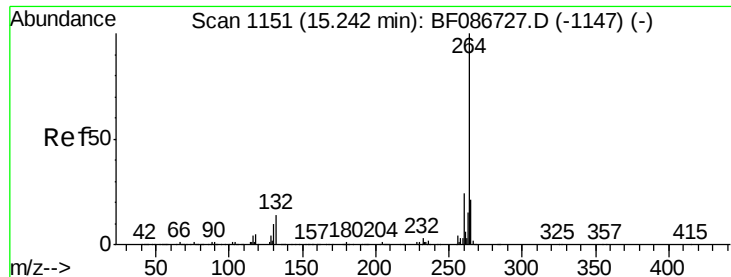


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



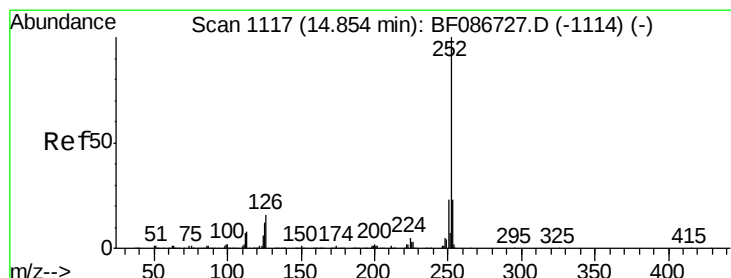
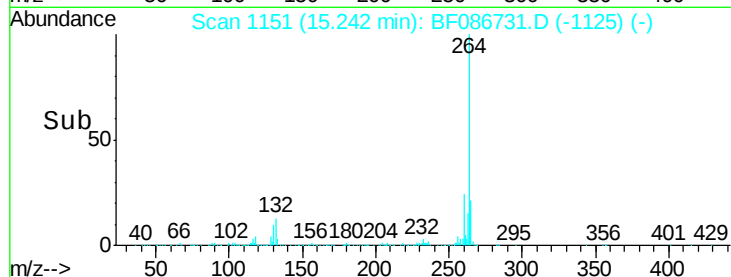
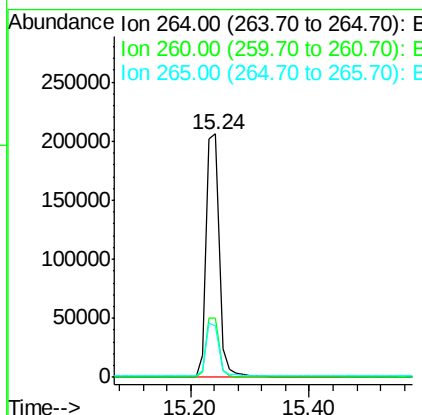
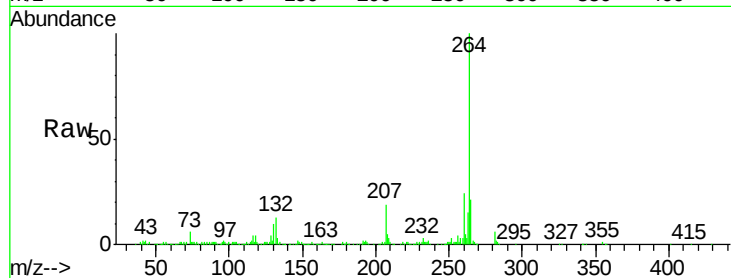


#86
Pervlene-d12
Concen: 40.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 324578

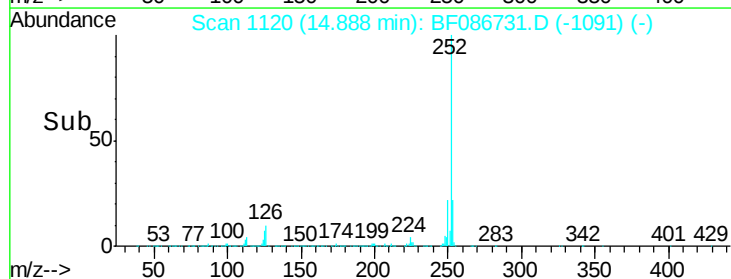
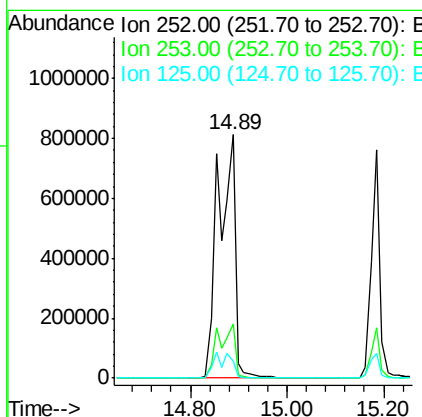
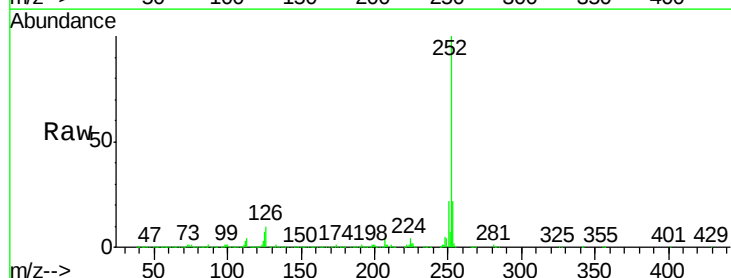
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9

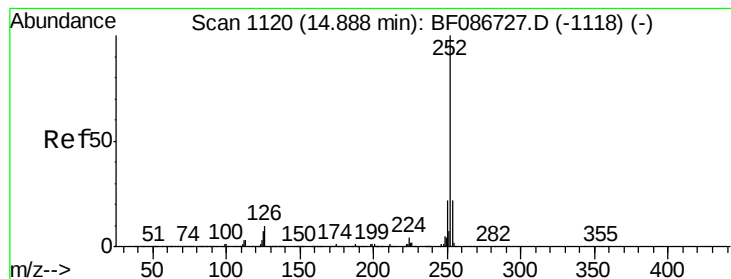


#87
Benzo(b)fluoranthene
Concen: 103.11 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.03 min
Lab File: BF086731.D
Acq: 6 May 2016 18:37

Tgt Ion:252 Resp: 2010943

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.9	11.4	17.0





#88

Benzo(k)fluoranthene

Concen: 109.53 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

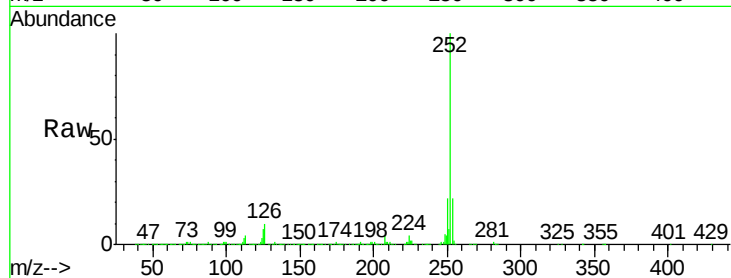
Tot Ion:252 Resp: 2012671

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

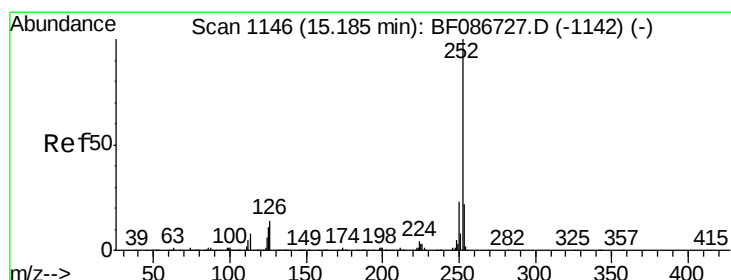
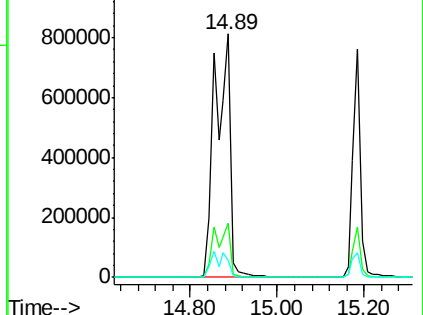
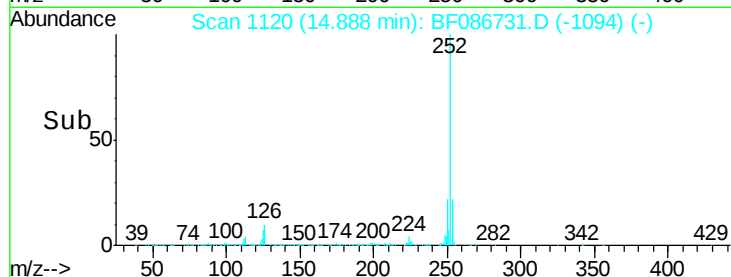
125 6.9 9.1 13.7#



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: 51.99 ng

RT: 15.19 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

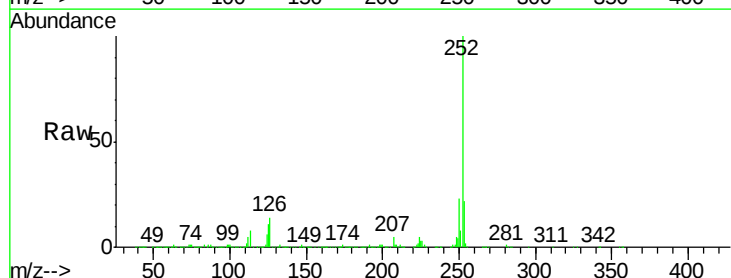
Tgt Ion:252 Resp: 934089

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

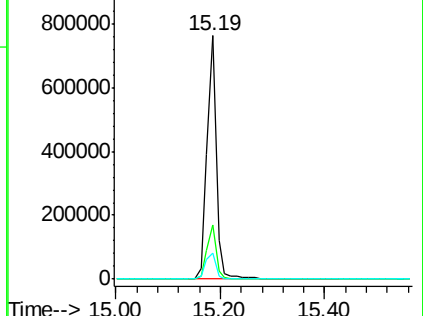
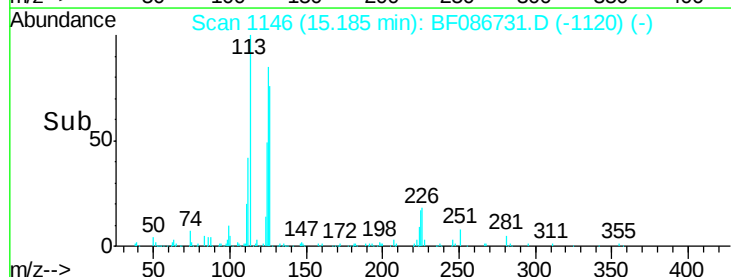
125 10.7 9.0 13.6

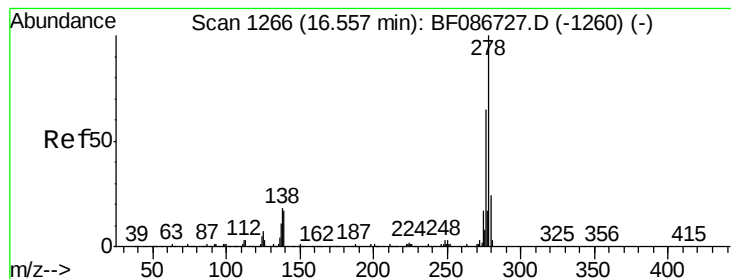


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 46.52 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

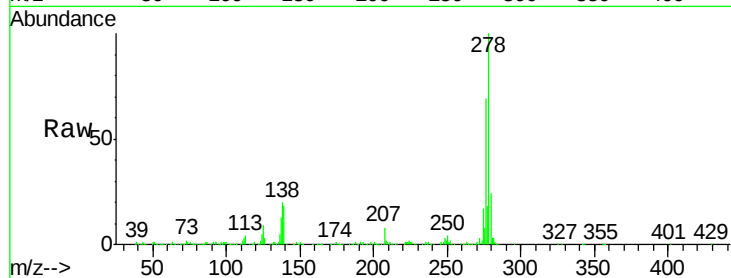
Tot Ion:278 Resp: 802823

Ion Ratio Lower Upper

278 100

139 18.2 16.6 24.8

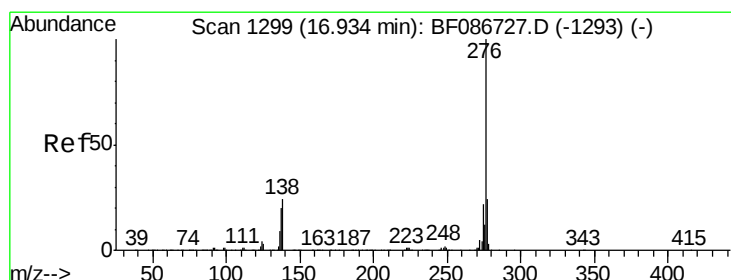
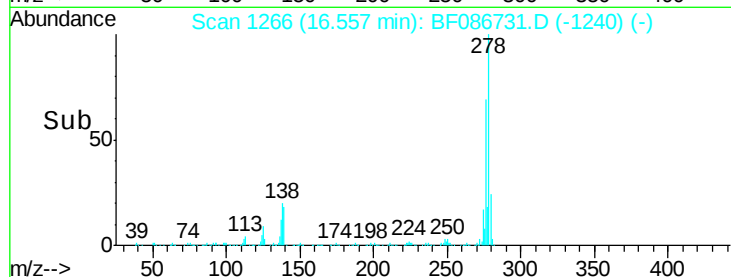
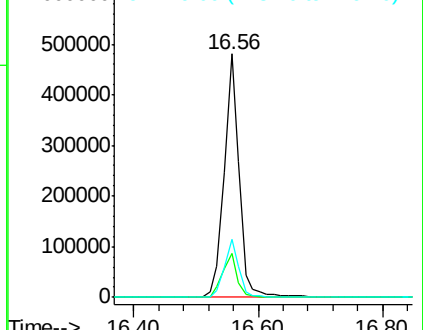
279 23.6 19.6 29.4



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(g,h,i)perylene

Concen: 46.45 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF086731.D

Acq: 6 May 2016 18:37

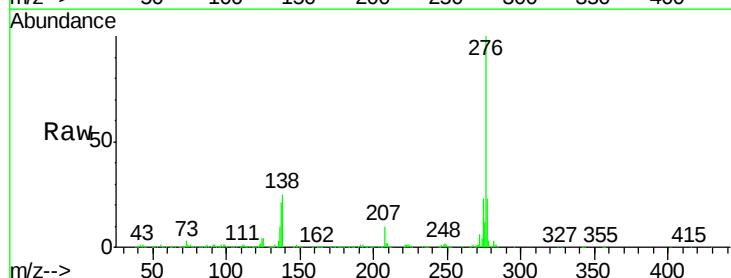
Tgt Ion:276 Resp: 841515

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 25.2 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

