

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
 Data File : BF086919.D
 Acq On : 12 May 2016 7:53
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 15:20:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	262529	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	954478	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	366016	20.00	ng	-0.05
63) Phenanthrene-d10	11.15	188	619085	20.00	ng	-0.05
75) Chrysene-d12	13.78	240	545325	20.00	ng	-0.05
86) Perylene-d12	15.14	264	462479	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1198113	77.29	ng	-0.05
7) Phenol-d6	6.32	99	1400933	67.62	ng	-0.04
23) Nitrobenzene-d5	7.22	82	1514460	79.67	ng	-0.04
41) 2,4,6-Tribromophenol	10.47	330	281673	72.69	ng	-0.05
44) 2-Fluorobiphenyl	9.00	172	1690131	77.61	ng	-0.05
78) Terphenyl-d14	12.73	244	1643717	63.95	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.08	88	306723	40.30	ng	# 71
3) Pyridine	2.73	79	787958	42.35	ng	# 66
4) n-Nitrosodimethylamine	2.71	42	569984	42.25	ng	# 50
6) Aniline	6.31	93	884155	35.28	ng	94
8) 2-Chlorophenol	6.43	128	673061	35.98	ng	91
9) Benzaldehyde	6.18	77	451468	37.63	ng	98
10) Phenol	6.33	94	888419	36.08	ng	88
11) bis(2-Chloroethyl)ether	6.39	93	711789	37.07	ng	87
12) 1,3-Dichlorobenzene	6.57	146	725949	35.86	ng	# 89
13) 1,4-Dichlorobenzene	6.65	146	714436	34.61	ng	# 90
14) 1,2-Dichlorobenzene	6.81	146	629530	34.99	ng	96
15) Benzyl Alcohol	6.80	79	493971	34.53	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1485579	35.58	ng	79
17) 2-Methylphenol	6.92	107	488988	32.85	ng	# 68
18) Hexachloroethane	7.14	117	238106	30.66	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	547638	37.82	ng	# 86
20) 3+4-Methylphenols	7.08	107	593415	30.52	ng	# 62
22) Acetophenone	7.06	105	937702	41.59	ng	# 96
24) Nitrobenzene	7.23	77	695171	35.55	ng	93
25) Isophorone	7.47	82	1334019	37.82	ng	98
26) 2-Nitrophenol	7.55	139	345299	40.17	ng	# 90
27) 2,4-Dimethylphenol	7.61	122	549985	37.56	ng	88
28) bis(2-Chloroethoxy)methane	7.69	93	698917	36.74	ng	98
29) 2,4-Dichlorophenol	7.80	162	450111	34.93	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	583492	40.49	ng	97
31) Naphthalene	7.95	128	1815753	37.98	ng	99
32) Benzoic acid	7.77	122	243898	28.36	ng	# 78
33) 4-Chloroaniline	8.01	127	641682	34.54	ng	# 92
34) Hexachlorobutadiene	8.07	225	345398	41.31	ng	98
35) Caprolactam	8.41	113	136532	31.14	ng	# 56
36) 4-Chloro-3-methylphenol	8.51	107	454888	29.11	ng	91
37) 2-Methylnaphthalene	8.64	142	1047707	37.49	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	466426	43.83	ng	99
40) Hexachlorocyclopentadiene	8.79	237	37292	7.38	ng	93

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Quant Time: May 12 15:20:27 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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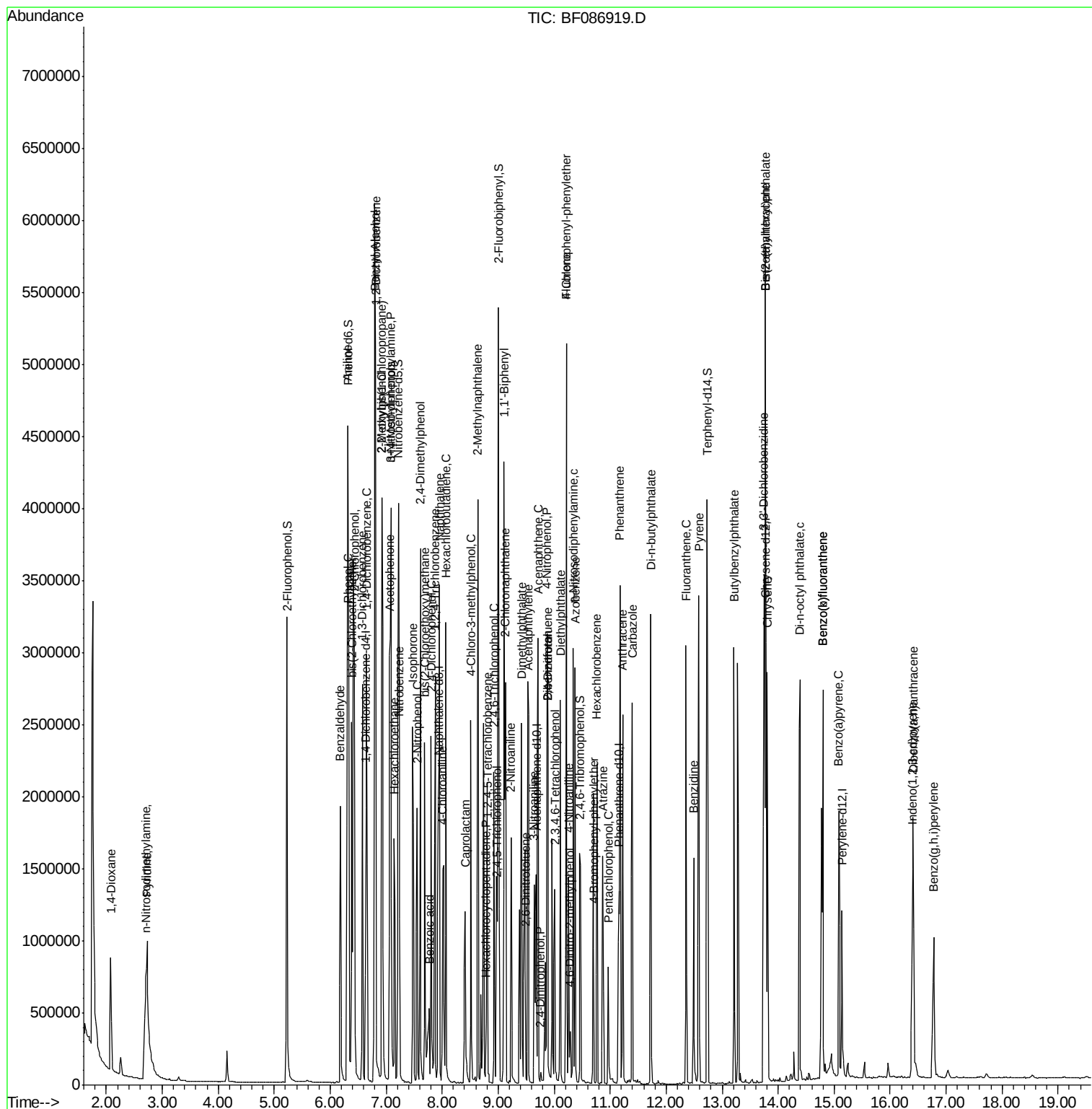
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	259505	36.47	nq	94
43) 2,4,5-Trichlorophenol	8.98	196	260073	35.34	nq	96
45) 1,1'-Biphenyl	9.11	154	1283729	44.09	nq	97
46) 2-Chloronaphthalene	9.13	162	977125	42.84	nq	99
47) 2-Nitroaniline	9.23	65	298535	35.81	nq #	76
48) Acenaphthylene	9.54	152	1350369	40.25	nq	99
49) Dimethylphthalate	9.42	163	1040903	37.28	nq	100
50) 2,6-Dinitrotoluene	9.48	165	215576	36.68	nq #	60
51) Acenaphthene	9.71	154	885081	42.41	nq	99
52) 3-Nitroaniline	9.64	138	215924	34.90	nq #	77
53) 2,4-Dinitrophenol	9.76	184	13237	11.68	nq #	86
54) Dibenzofuran	9.88	168	1017578	37.98	nq	95
55) 4-Nitrophenol	9.87	139	571168	135.12	nq #	20
56) 2,4-Dinitrotoluene	9.88	165	258114	35.49	nq #	77
57) Fluorene	10.22	166	767710	33.60	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	205290	37.05	nq	94
59) Diethylphthalate	10.11	149	1064021	39.10	nq	97
60) 4-Chlorophenyl-phenylether	10.22	204	392892	38.01	nq	94
61) 4-Nitroaniline	10.26	138	222642	37.47	nq #	71
62) Azobenzene	10.38	77	1119790	38.14	nq	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	32839	8.54	nq #	51
65) n-Nitrosodiphenylamine	10.34	169	756247	39.76	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	242100	38.57	nq #	75
67) Hexachlorobenzene	10.76	284	285879	38.97	nq #	83
68) Atrazine	10.87	200	202309	31.84	nq	94
69) Pentachlorophenol	10.97	266	147362	43.47	nq	98
70) Phenanthrene	11.18	178	1267302	38.36	nq	99
71) Anthracene	11.22	178	1232567	36.48	nq	100
72) Carbazole	11.39	167	1213198	41.77	nq	100
73) Di-n-butylphthalate	11.73	149	1397946	39.41	nq #	98
74) Fluoranthene	12.35	202	1245178	36.64	nq	99
76) Benzidine	12.49	184	597754	43.00	nq	98
77) Pyrene	12.58	202	1311555	31.41	nq	99
79) Butylbenzylphthalate	13.21	149	614616	34.80	nq #	69
80) Benzo(a)anthracene	13.77	228	1221005	39.88	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	814358	41.87	nq #	96
82) Chrysene	13.81	228	1079329	34.66	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	808442	38.06	nq #	95
84) Di-n-octyl phthalate	14.39	149	1653976	47.01	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.40	276	940556	36.30	nq	95
87) Benzo(b)fluoranthene	14.80	252	2152268	71.61	nq #	95
88) Benzo(k)fluoranthene	14.80	252	2152268	87.45	nq	98
89) Benzo(a)pyrene	15.09	252	947028	36.53	nq	96
90) Dibenzo(a,h)anthracene	16.41	278	779101	35.66	nq	98
91) Benzo(g,h,i)perylene	16.78	276	770904	34.72	nq	94

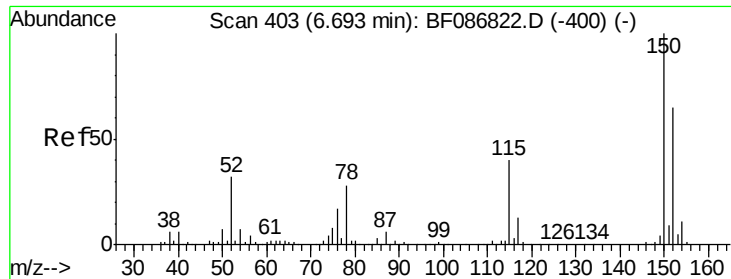
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
Data File : BF086919.D
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: May 12 15:20:27 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

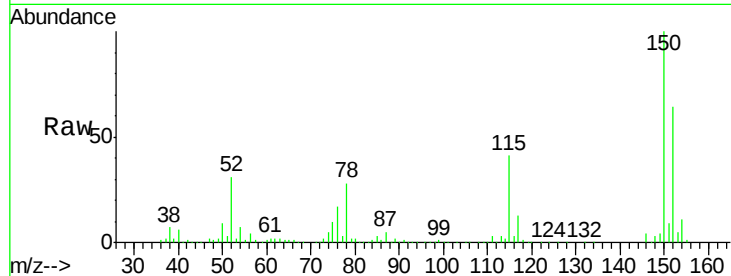
Tot Ion:152 Resp: 262529

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

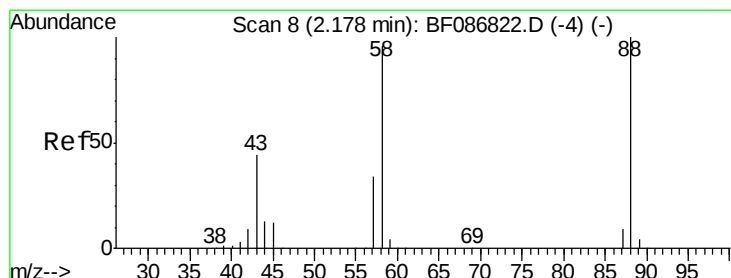
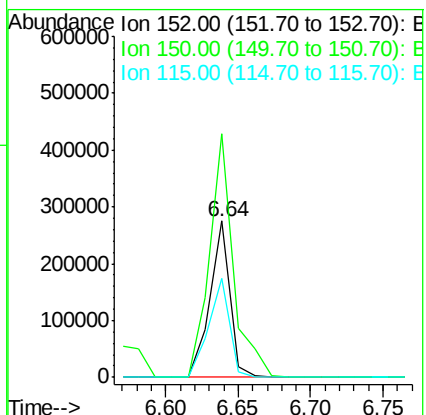
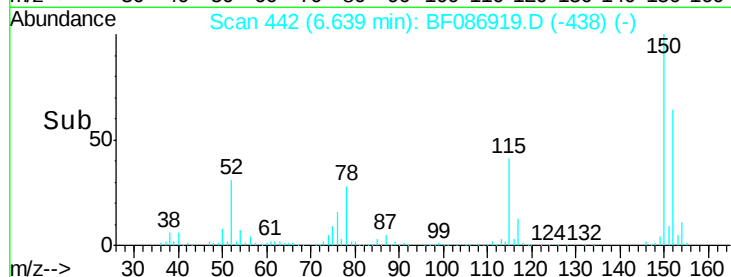
115 63.2 51.5 77.3



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: 40.30 ng

RT: 2.08 min Scan# 43

Delta R.T. -0.10 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

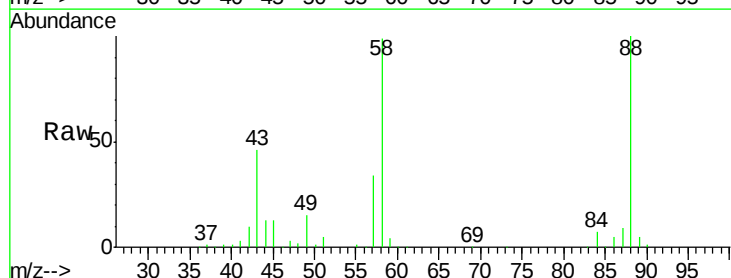
Tgt Ion: 88 Resp: 306723

Ion Ratio Lower Upper

88 100

58 97.7 59.6 89.4#

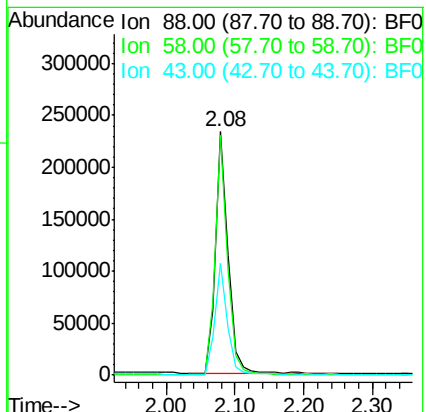
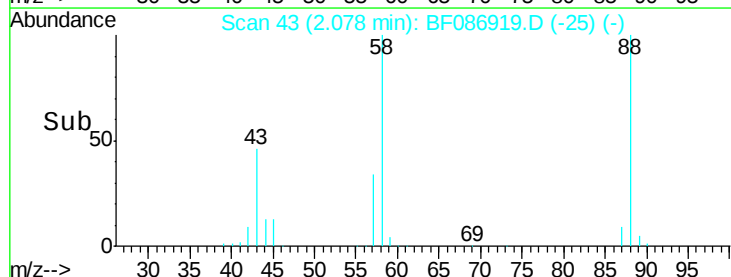
43 44.5 21.8 32.6#

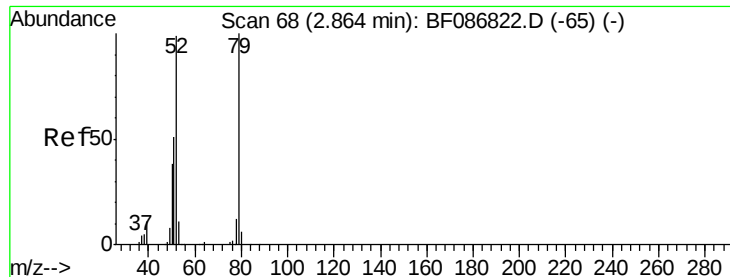


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.35 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.13 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

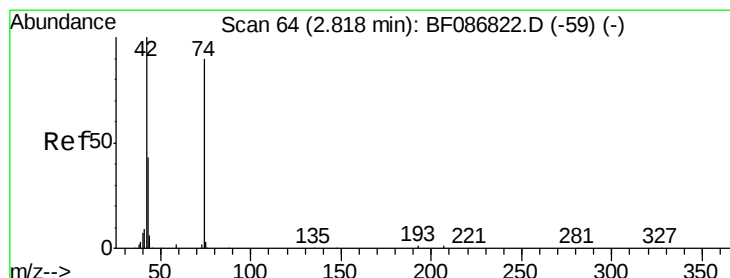
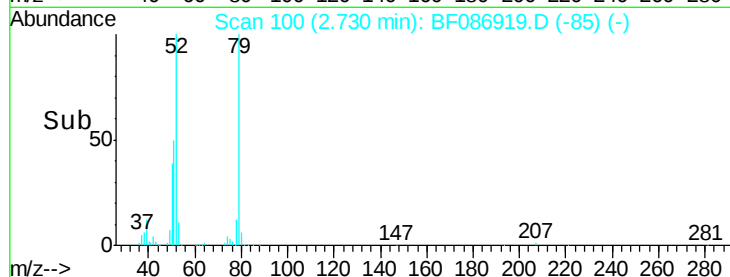
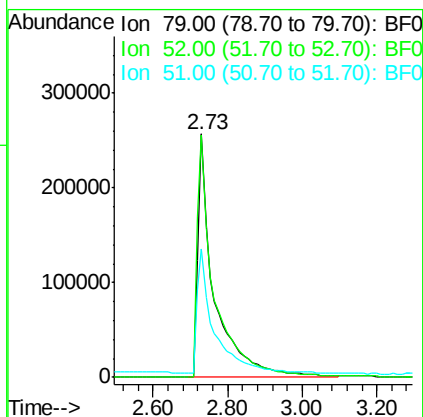
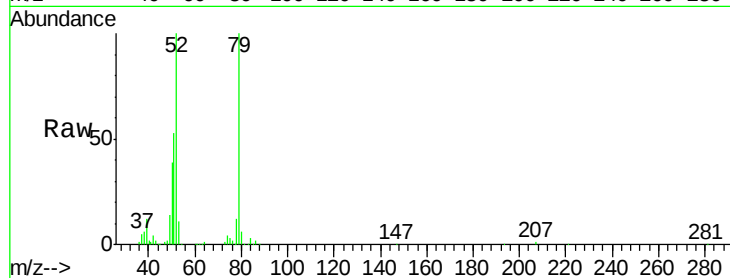
Tot Ion: 79 Resp: 787958

Ion Ratio Lower Upper

79 100

52 99.7 55.9 83.9#

51 52.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 42.25 ng

RT: 2.71 min Scan# 98

Delta R.T. -0.11 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

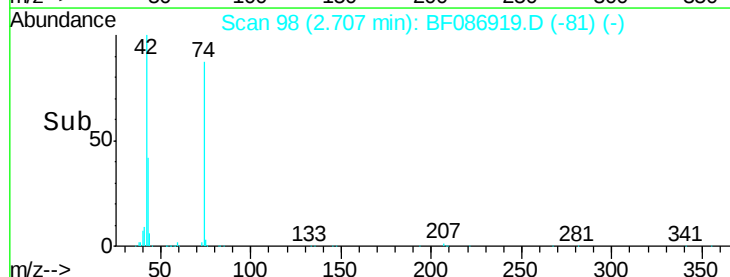
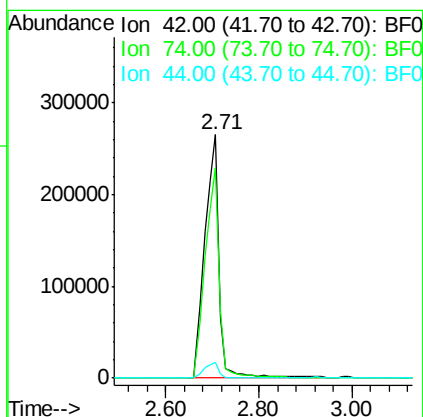
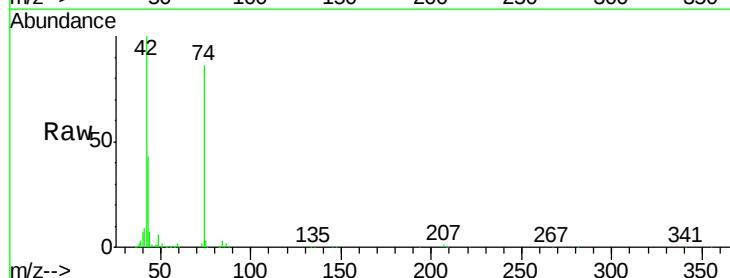
Tgt Ion: 42 Resp: 569984

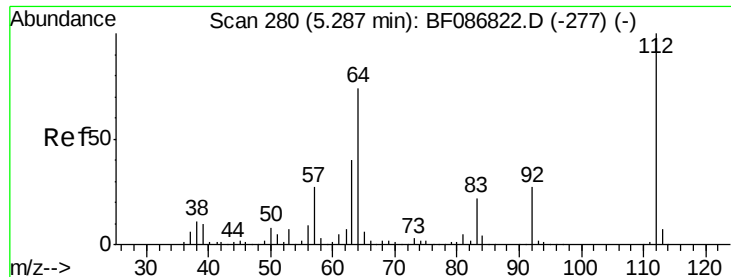
Ion Ratio Lower Upper

42 100

74 86.5 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 77.29 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampled :

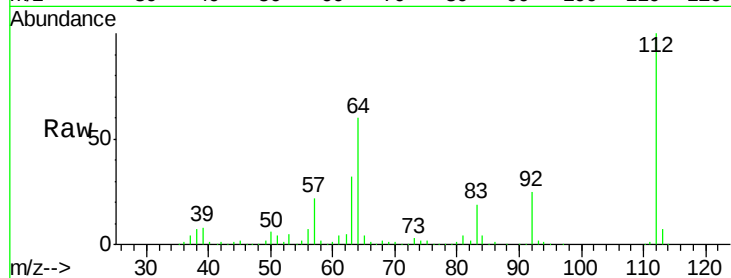
Tot Ion:112 Resp: 1198113

Ion Ratio Lower Upper

112 100

64 59.9 52.1 78.1

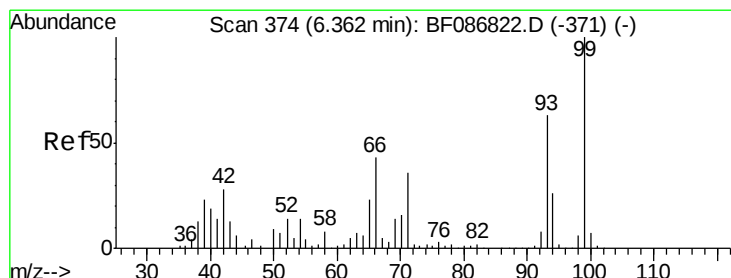
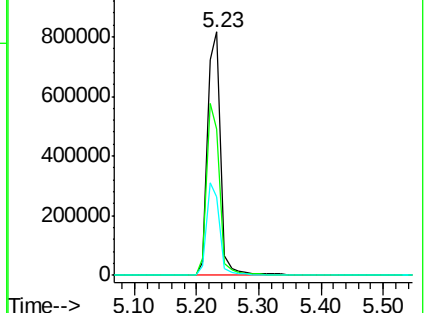
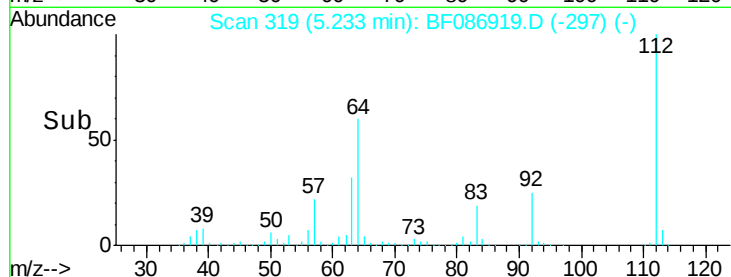
63 32.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.28 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

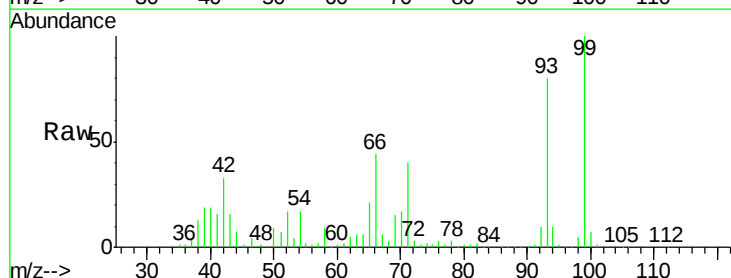
Tgt Ion: 93 Resp: 884155

Ion Ratio Lower Upper

93 100

66 54.7 39.0 58.6

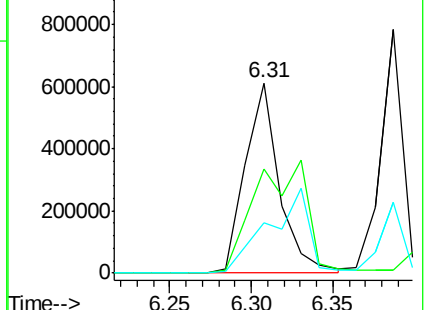
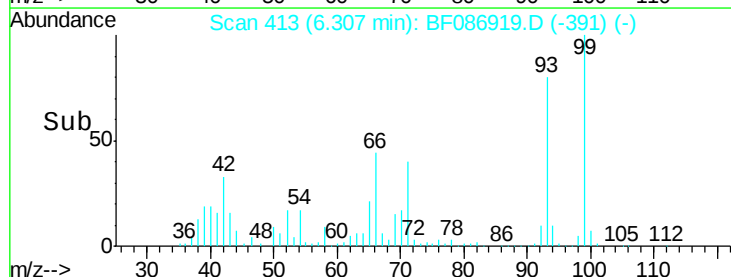
65 26.4 20.6 31.0

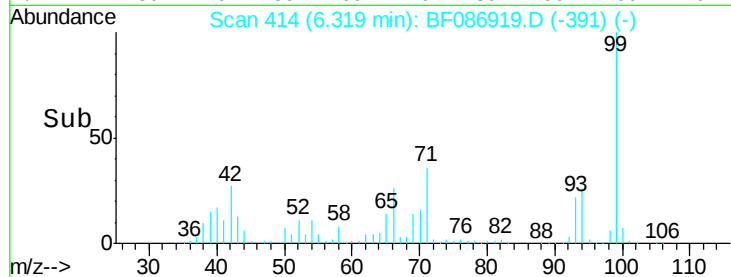
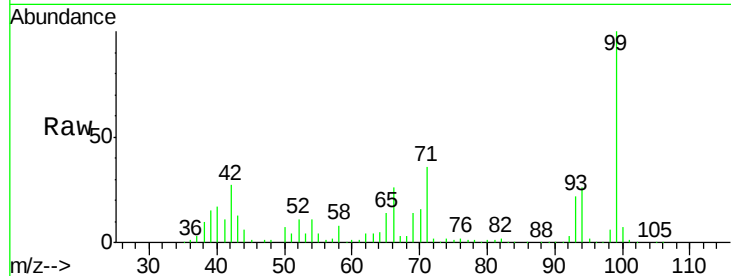
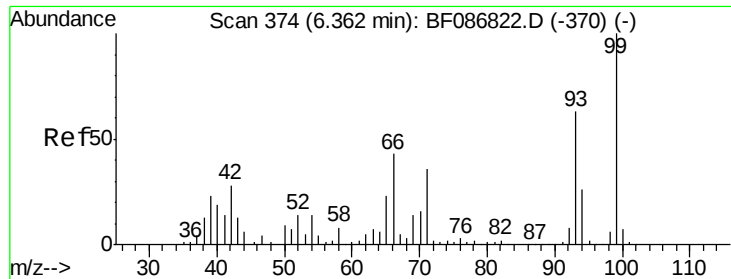


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 67.62 ng

RT: 6.32 min Scan# 414

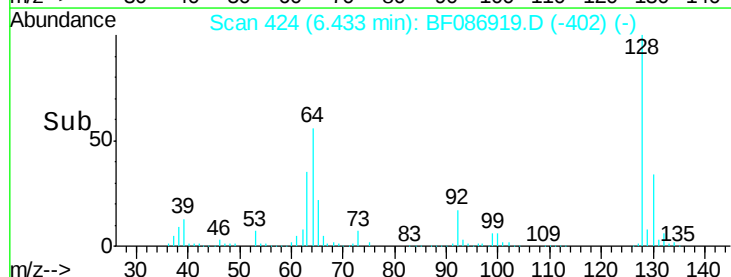
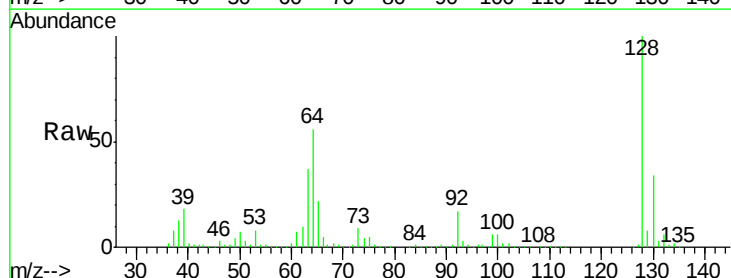
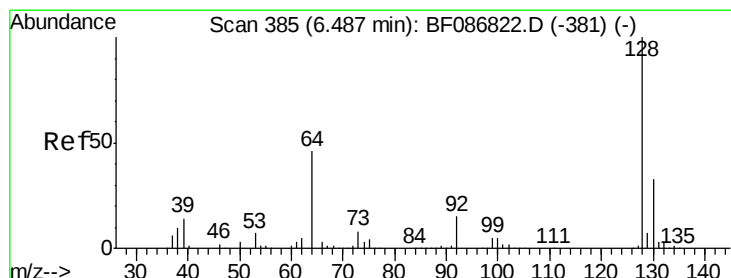
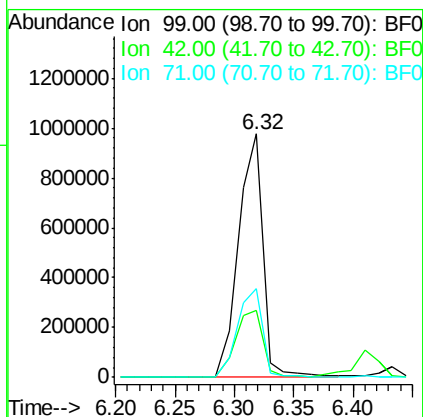
Delta R.T. -0.04 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tot Ion: 99 Resp: 1400933

Ion	Ratio	Lower	Upper
99	100		
42	27.3	13.6	20.4#
71	36.4	24.6	36.8



#8

2-Chlorophenol

Concen: 35.98 ng

RT: 6.43 min Scan# 424

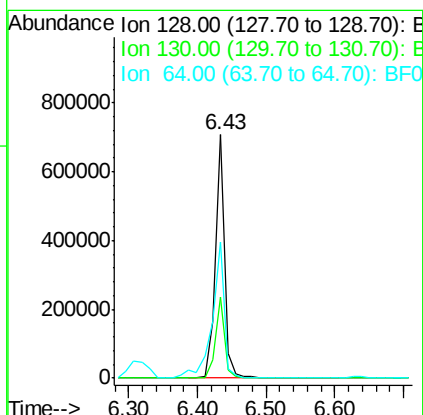
Delta R.T. -0.05 min

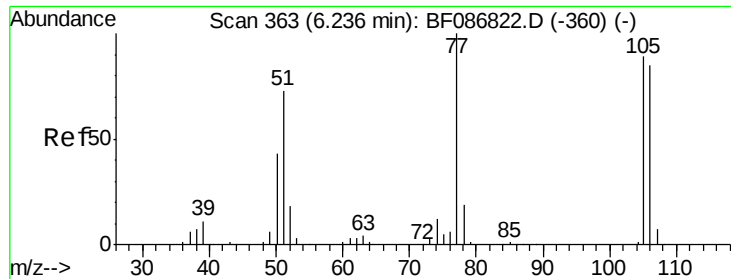
Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:128 Resp: 673061

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.5	52.5
64	56.1	27.3	67.3





#9

Benzaldehyde

Concen: 37.63 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampled :

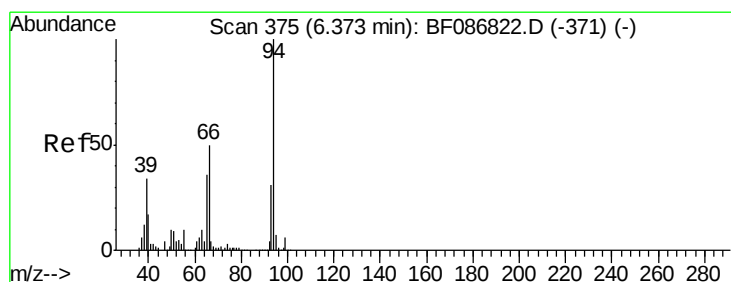
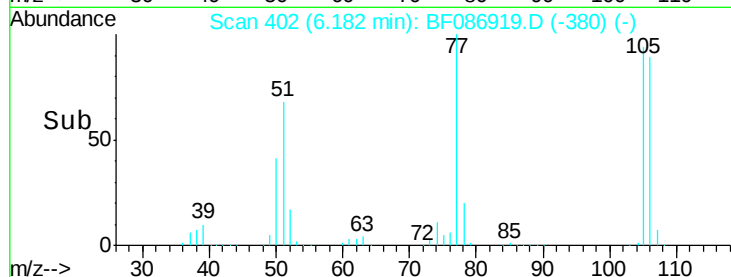
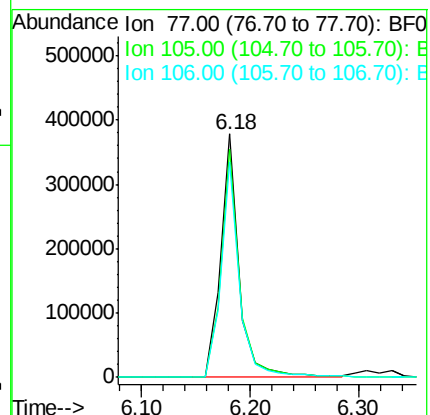
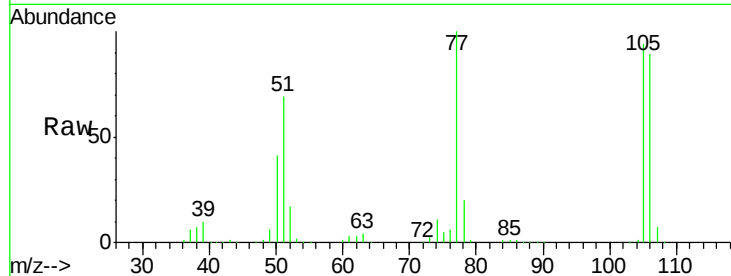
Tot Ion: 77 Resp: 451468

Ion Ratio Lower Upper

77 100

105 93.7 72.7 112.7

106 88.5 70.8 110.8



#10

Phenol

Concen: 36.08 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.04 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

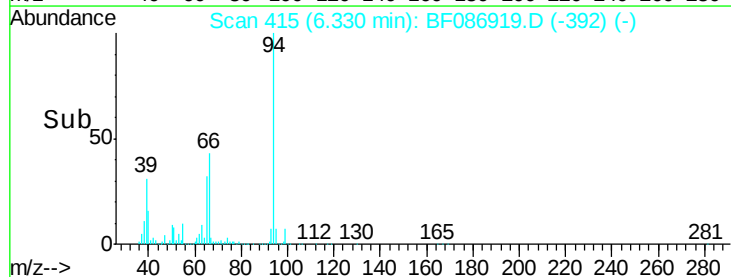
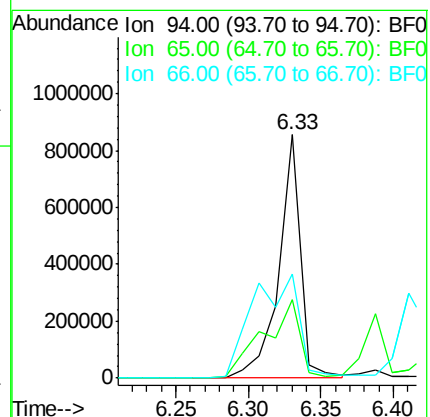
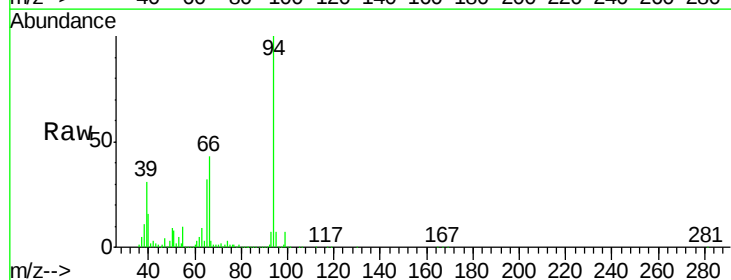
Tgt Ion: 94 Resp: 888419

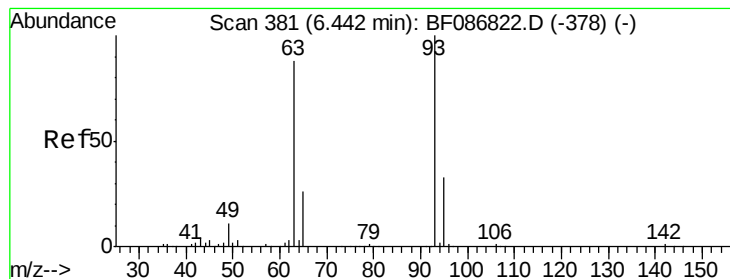
Ion Ratio Lower Upper

94 100

65 32.1 7.2 47.2

66 42.6 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 37.07 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

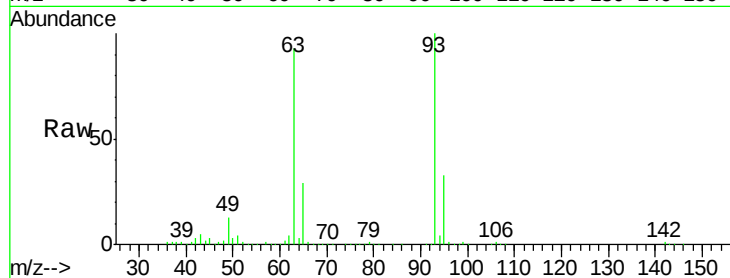
Tot Ion: 93 Resp: 711789

Ion Ratio Lower Upper

93 100

63 93.2 58.0 98.0

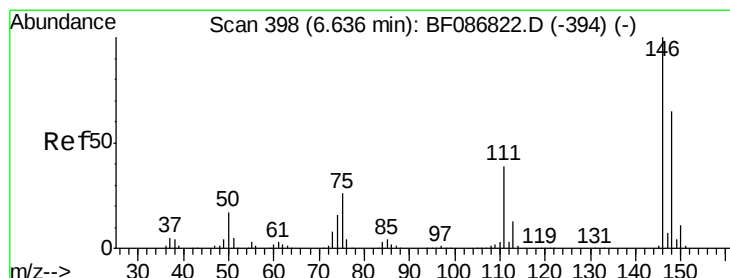
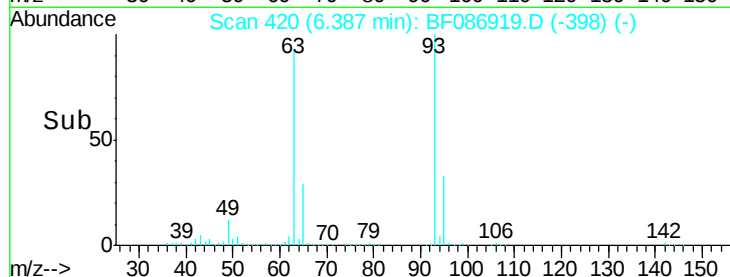
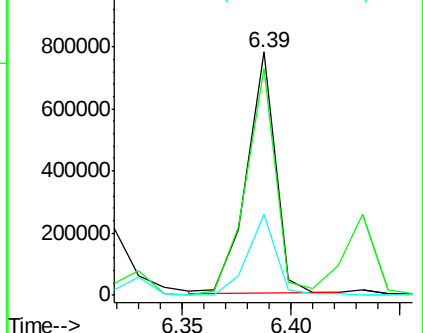
95 33.2 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.86 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

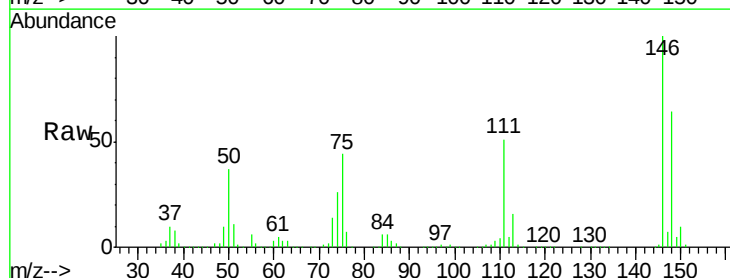
Tgt Ion: 146 Resp: 725949

Ion Ratio Lower Upper

146 100

148 63.6 52.4 78.6

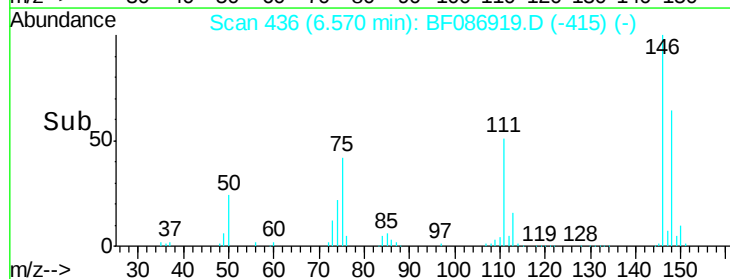
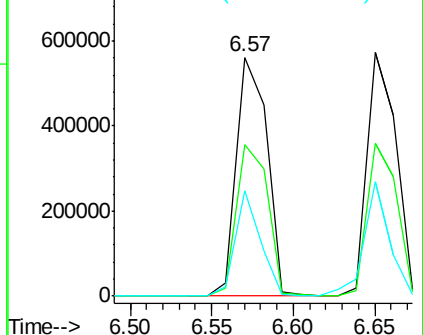
75 44.2 22.8 34.2#

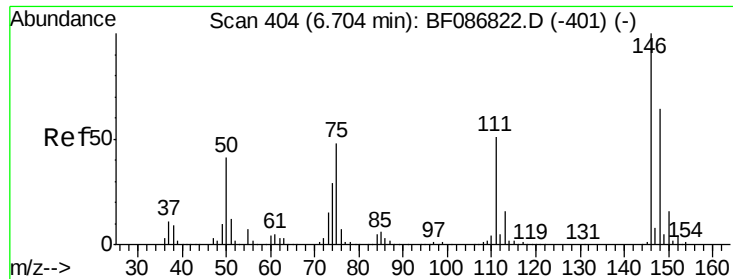


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

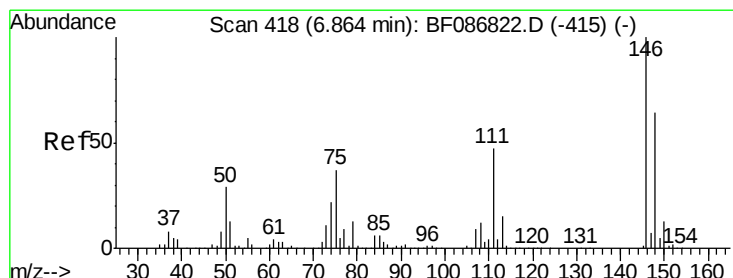
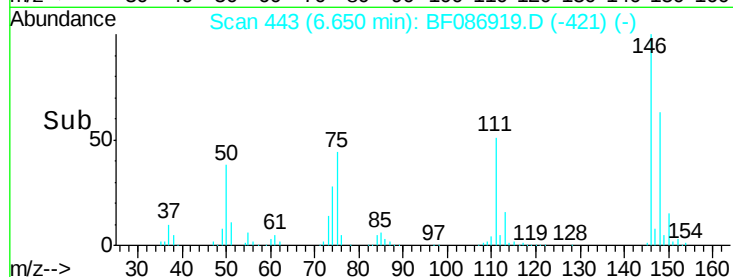
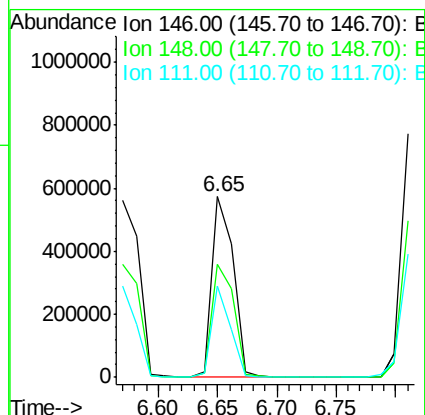
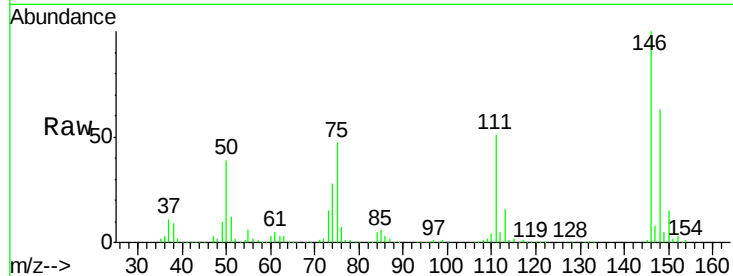




#13
 1,4-Dichlorobenzene
 Concen: 34.61 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

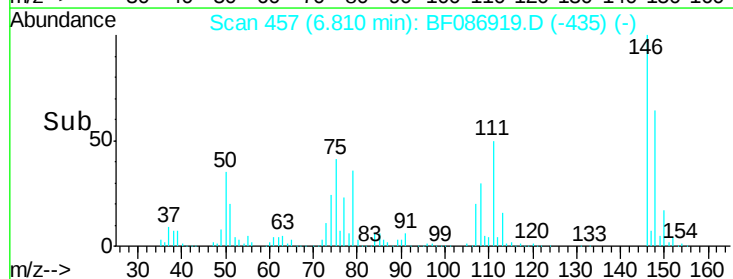
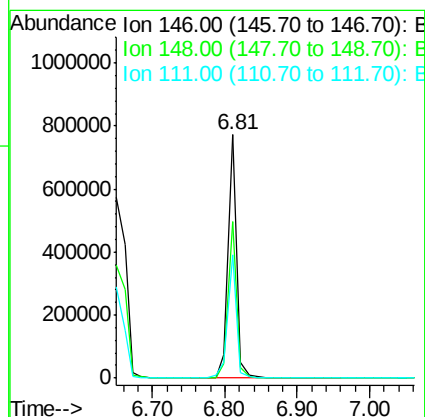
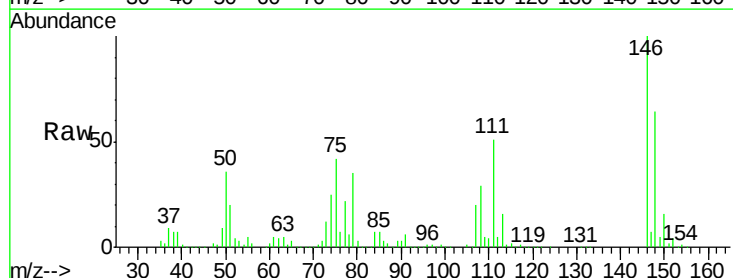
Instrument :
 BNA_F
 ClientSampleId :

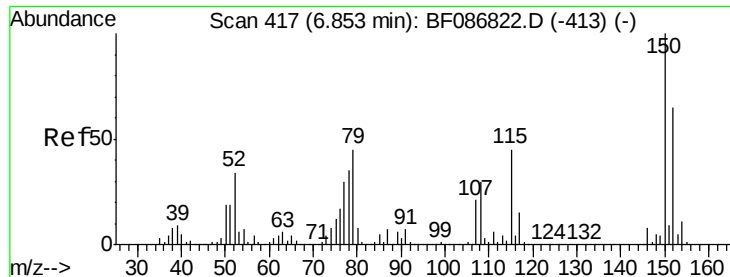
Tot Ion:146 Resp: 714436
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.4
 111 50.7 30.7 46.1#



#14
 1,2-Dichlorobenzene
 Concen: 34.99 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion:146 Resp: 629530
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.6
 111 50.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 34.53 ng

RT: 6.80 min Scan# 456

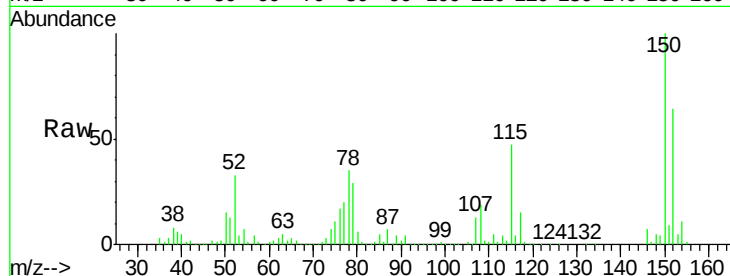
Delta R.T. -0.05 min

Lab File: BF086919.D

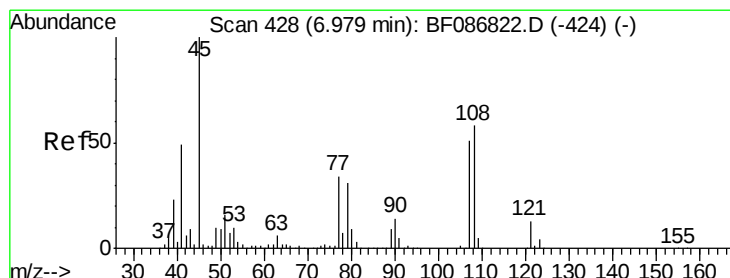
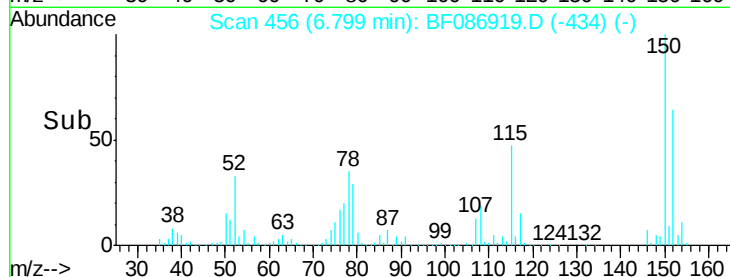
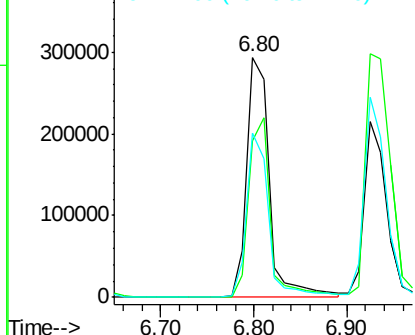
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 493971
Ion Ratio Lower Upper
79 100
108 65.2 68.4 102.6#
77 68.4 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: 35.58 ng

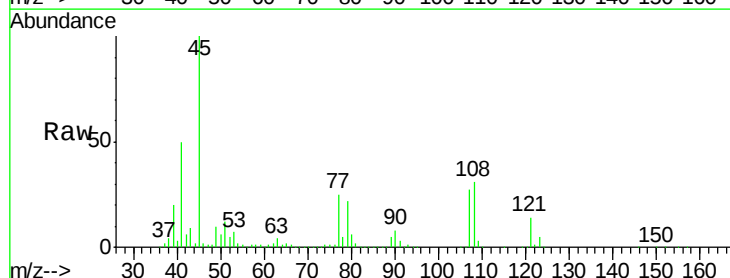
RT: 6.92 min Scan# 467

Delta R.T. -0.05 min

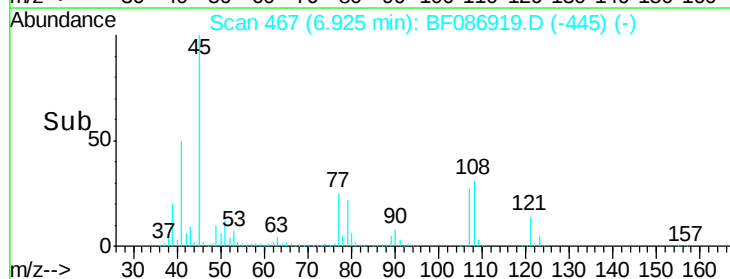
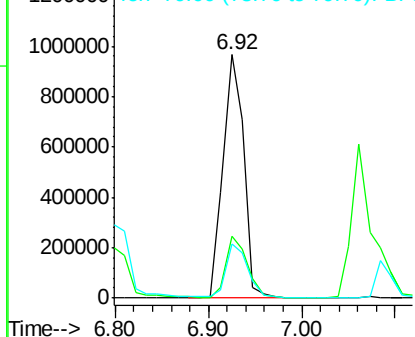
Lab File: BF086919.D

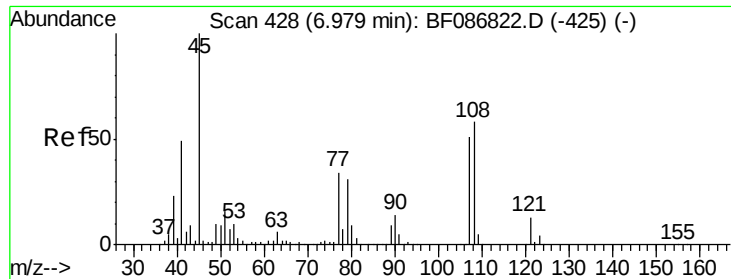
Acq: 12 May 2016 7:53

Tgt Ion: 45 Resp: 1485579
Ion Ratio Lower Upper
45 100
77 25.3 0.0 36.4
79 22.2 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: 32.85 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF086919.D

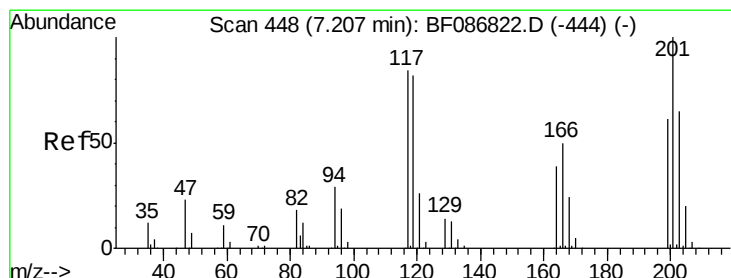
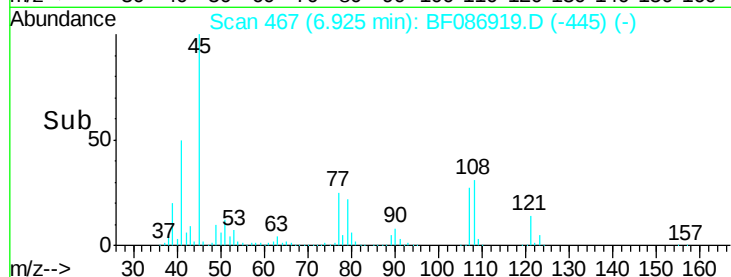
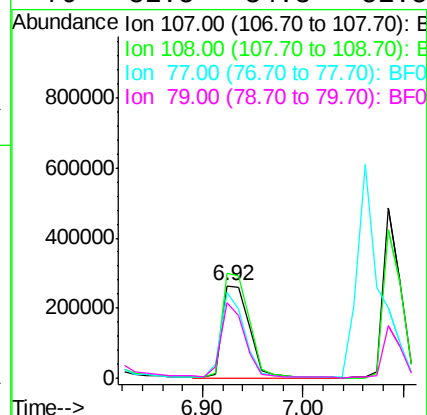
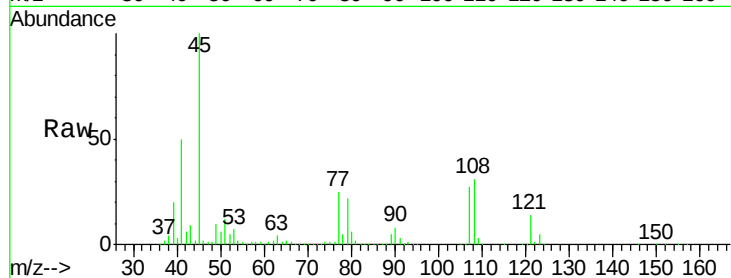
Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	488988
Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.7	140.5
77	93.0	33.4	50.0#
79	81.5	34.3	51.5#



#18

Hexachloroethane

Concen: 30.66 ng

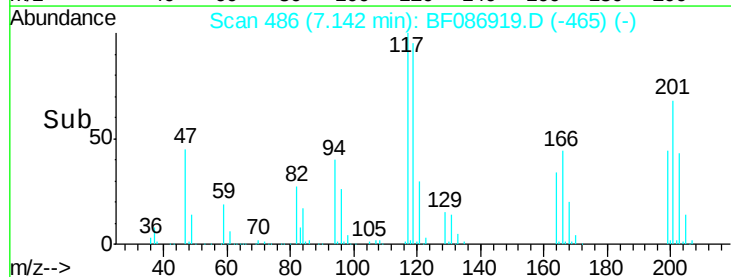
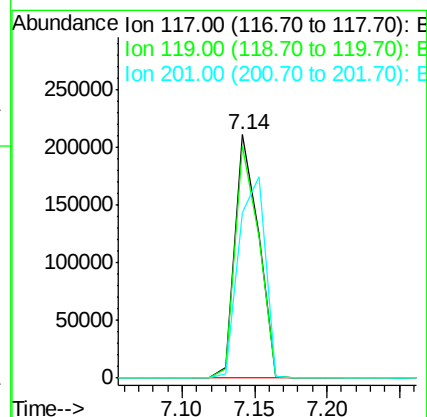
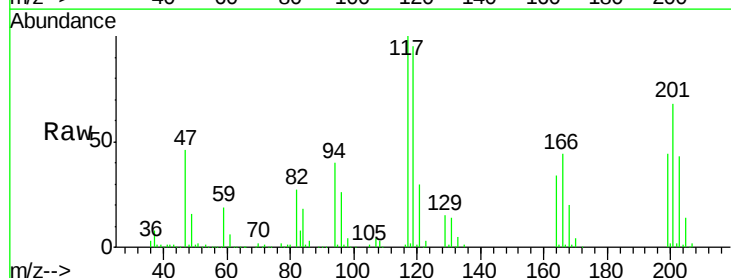
RT: 7.14 min Scan# 486

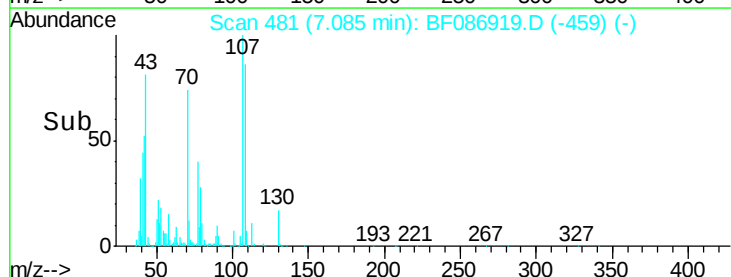
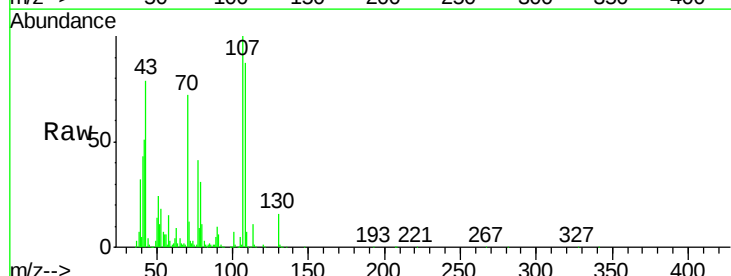
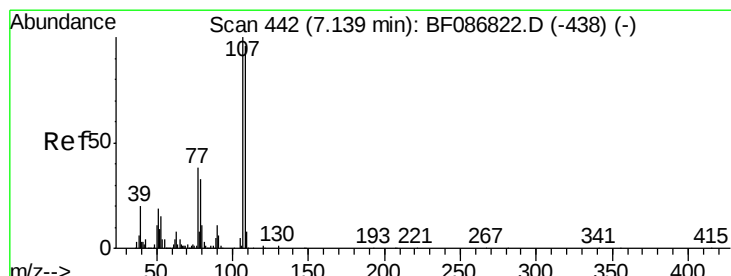
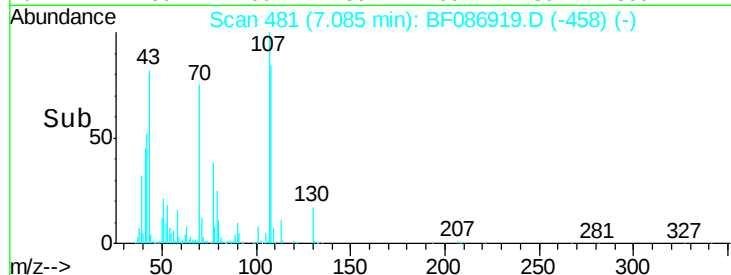
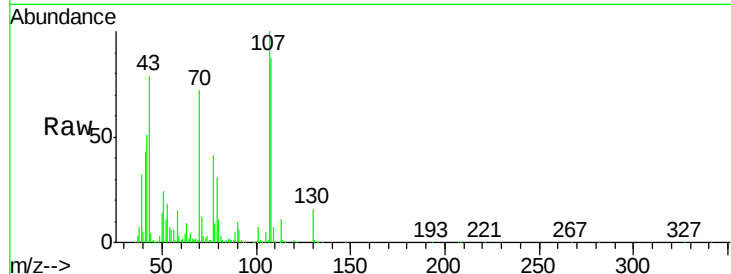
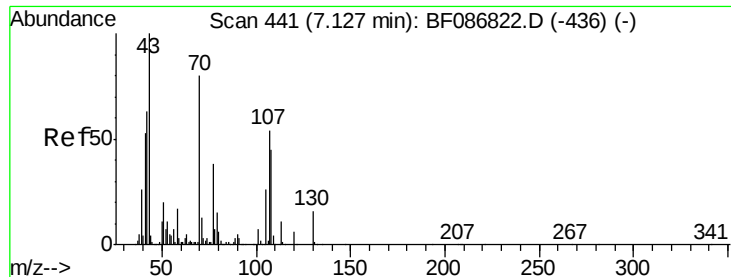
Delta R.T. -0.07 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:	117	Resp:	238106
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	68.0	63.0	94.6

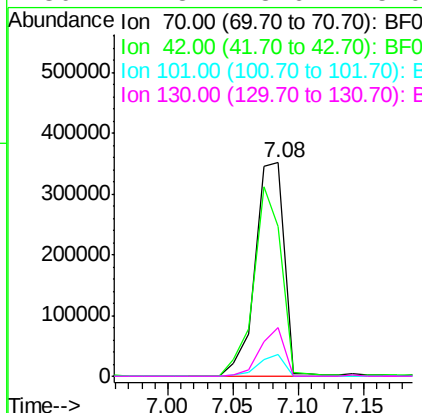




#19
n-Nitroso-di-n-propylamine
Concen: 37.82 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.04 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

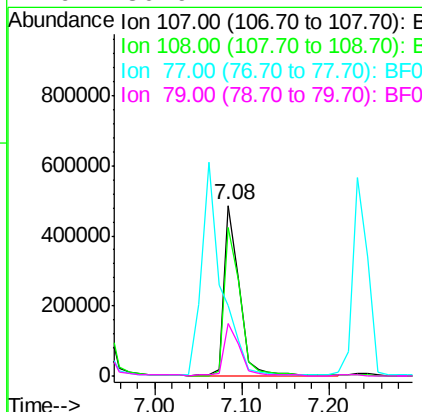
Instrument :
BNA_F
ClientSampleId :

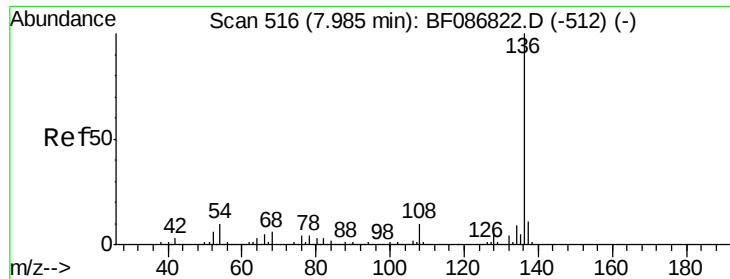
Tot Ion	Ratio	Lower	Upper
70	100		
42	70.2	43.1	64.7#
101	10.0	8.1	12.1
130	22.8	18.6	28.0



#20
3+4-Methylphenols
Concen: 30.52 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.5	108.5
77	41.2	101.6	141.6#
79	30.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 954478

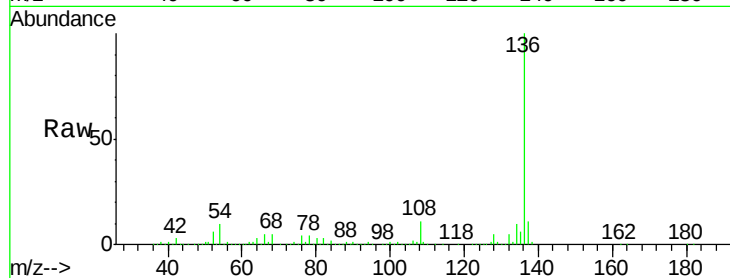
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.7 5.0 7.4#

68 5.5 4.4 6.6

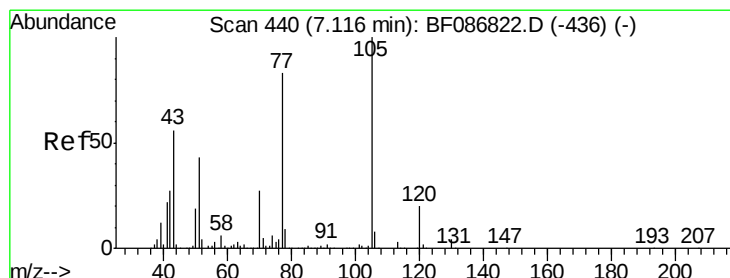
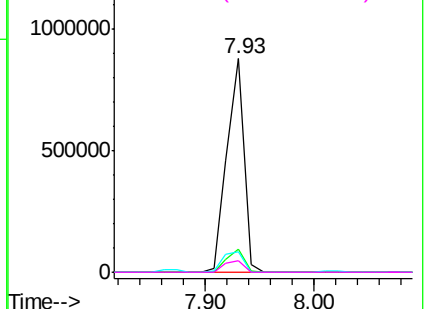
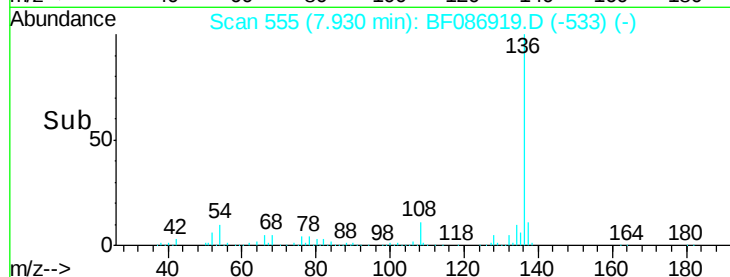


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.59 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:105 Resp: 937702

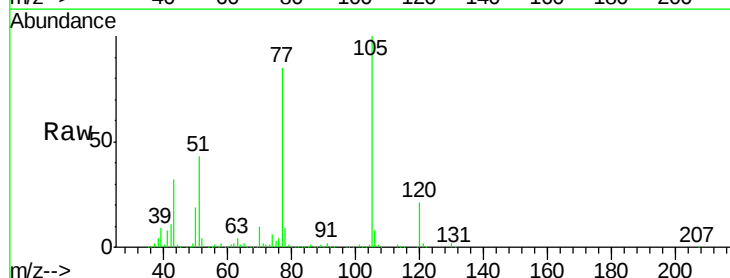
Ion Ratio Lower Upper

105 100

71 1.6 4.8 7.2#

51 43.2 32.6 49.0

120 20.9 16.5 24.7

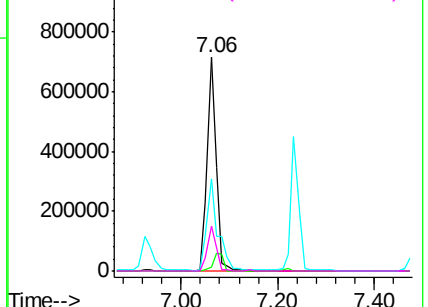
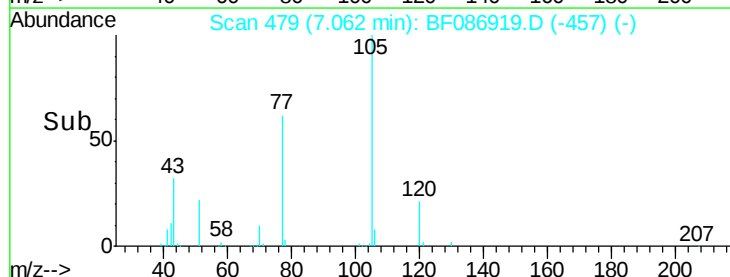


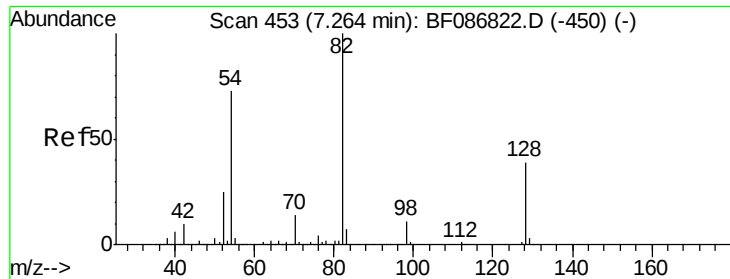
Abundance Ion 105.00 (104.70 to 105.70): E

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

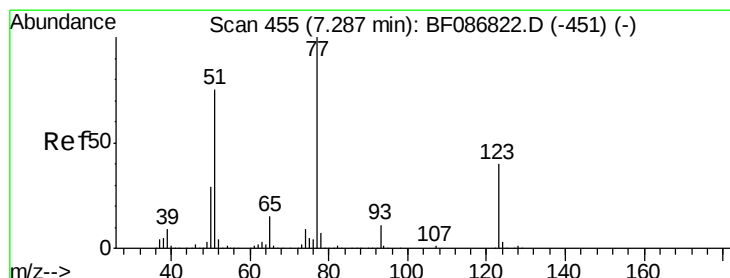
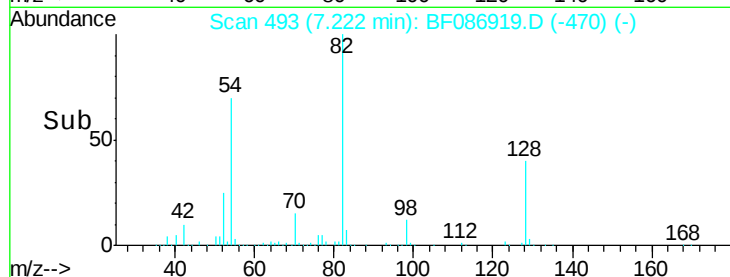
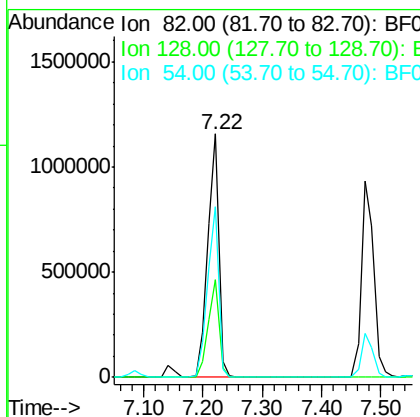
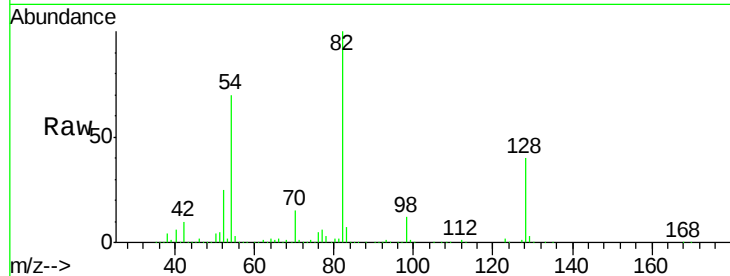




#23
 Nitrobenzene-d5
 Concen: 79.67 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.04 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

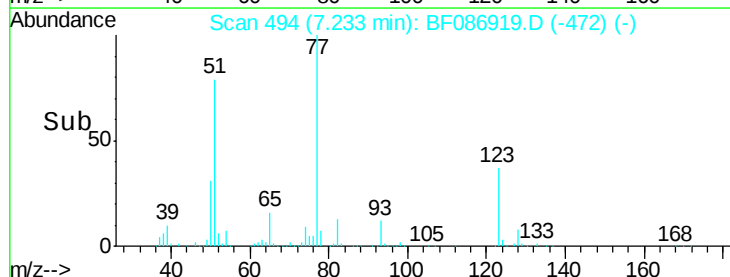
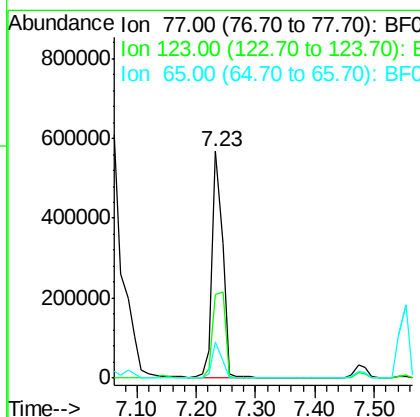
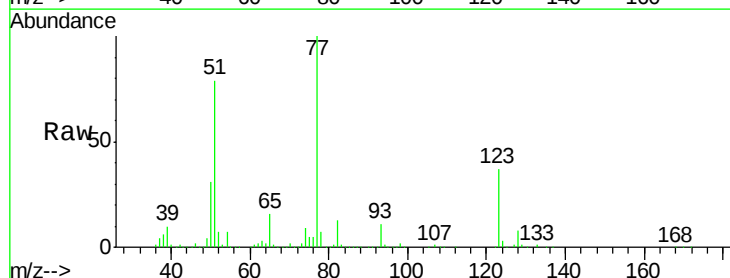
Instrument :
 BNA_F
 ClientSampleId :

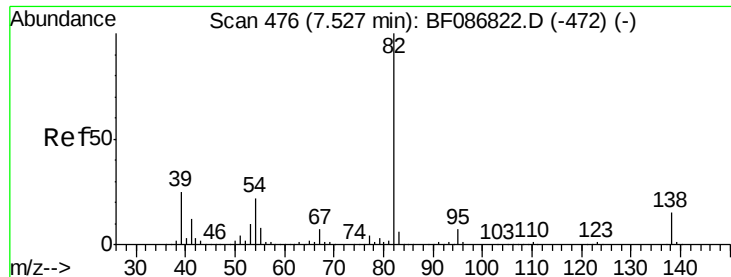
Tot Ion: 82 Resp: 1514460
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 69.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 35.55 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion: 77 Resp: 695171
 Ion Ratio Lower Upper
 77 100
 123 36.8 33.0 49.4
 65 15.9 10.8 16.2





#25

Isophorone

Concen: 37.82 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

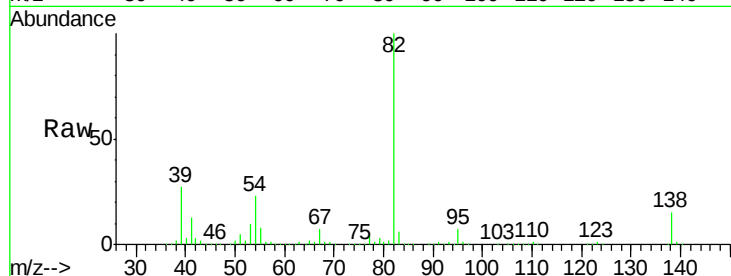
Tot Ion: 82 Resp: 1334019

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

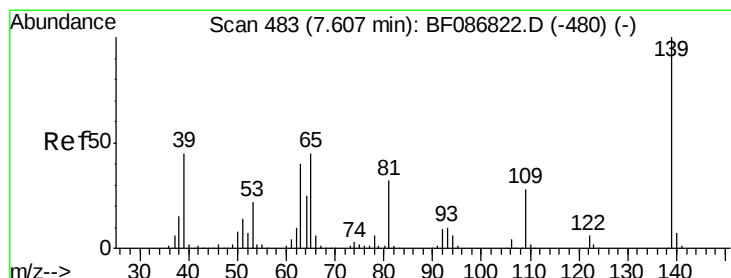
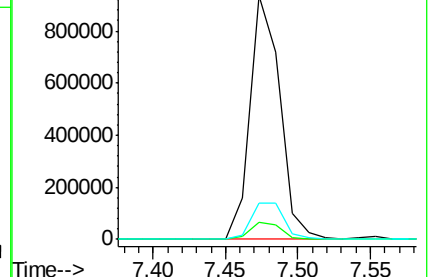
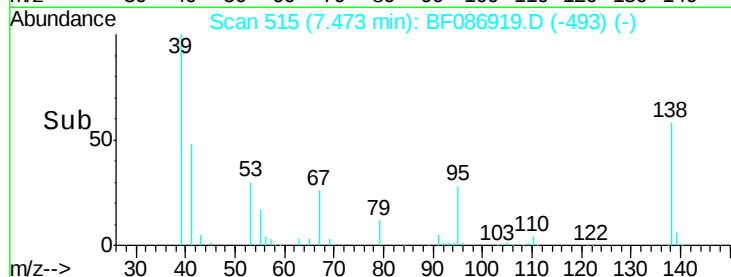
138 14.8 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.17 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

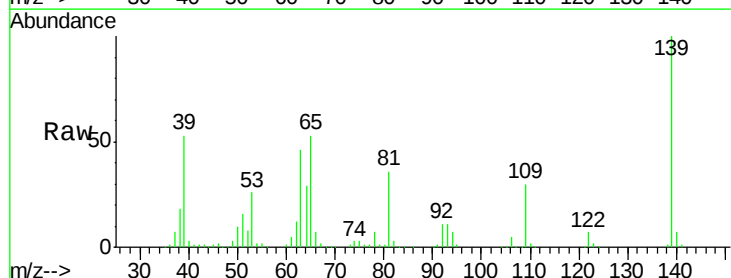
Tgt Ion: 139 Resp: 345299

Ion Ratio Lower Upper

139 100

109 30.4 19.5 29.3#

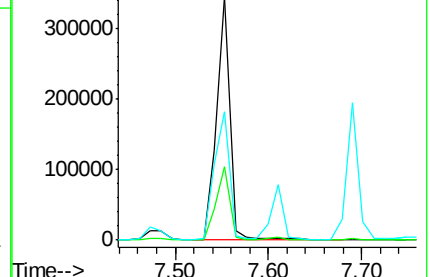
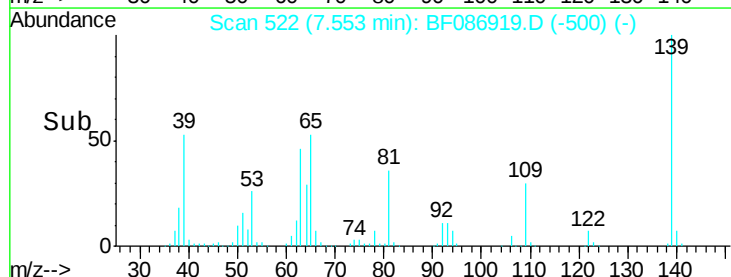
65 53.0 37.5 56.3

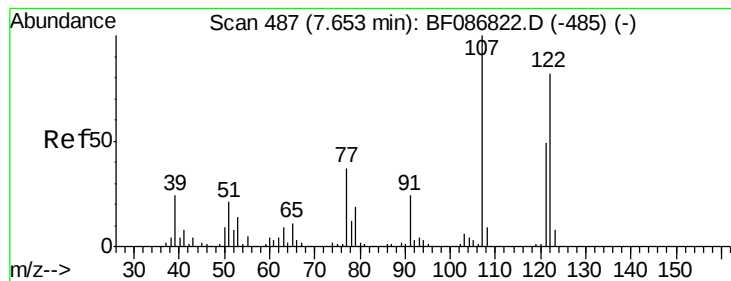


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

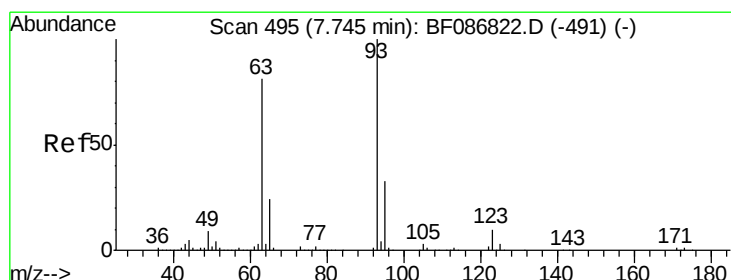
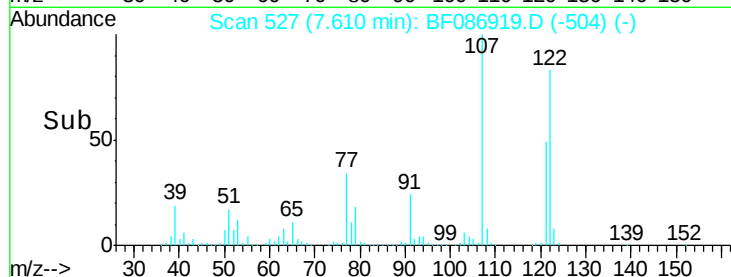
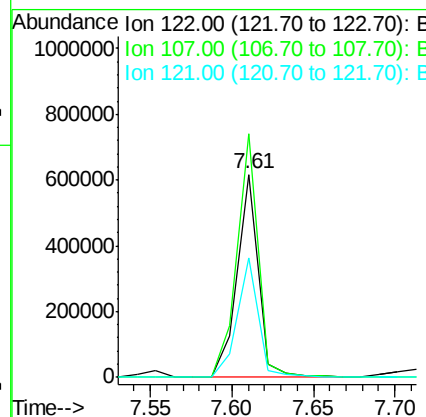
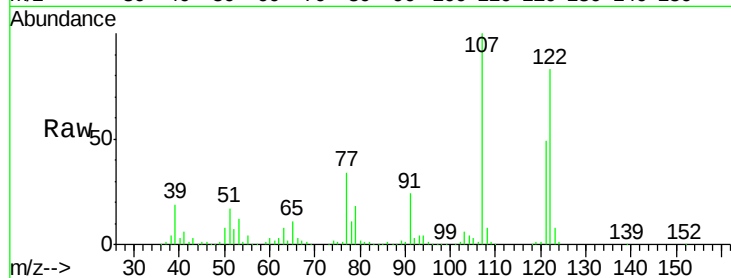




#27
 2,4-Dimethylphenol
 Concen: 37.56 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.04 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

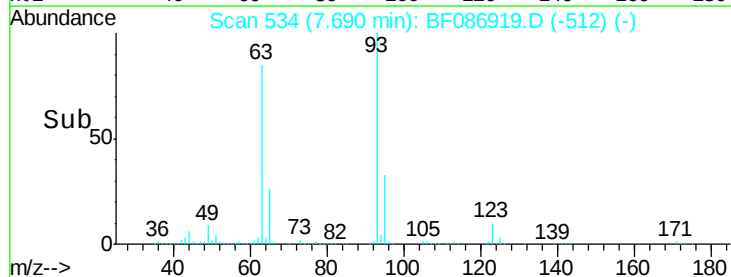
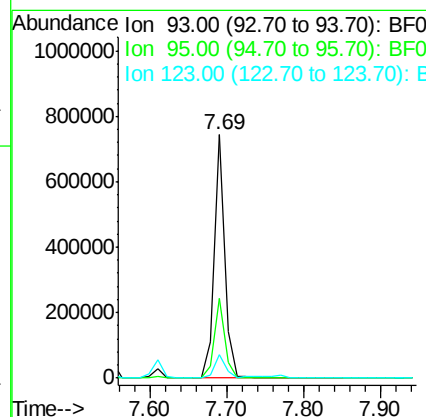
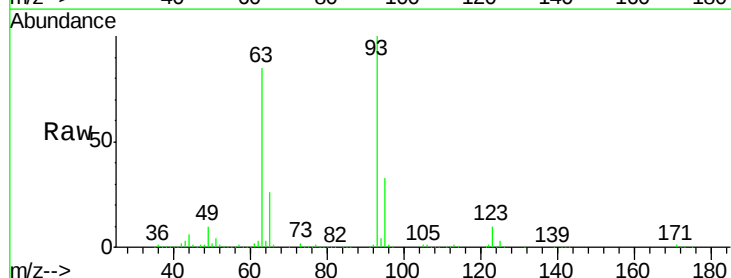
Instrument :
 BNA_F
 ClientSampled :

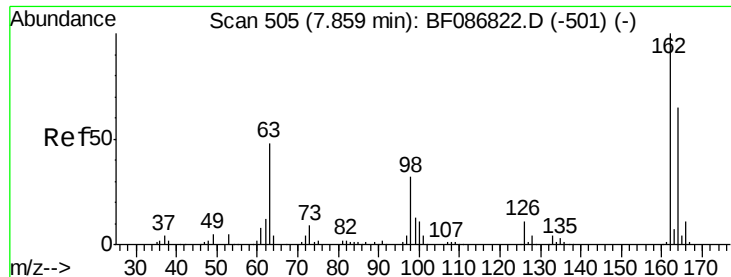
Tot Ion:122 Resp: 549985
 Ion Ratio Lower Upper
 122 100
 107 120.1 82.0 123.0
 121 58.9 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.74 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion: 93 Resp: 698917
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 9.6 9.5 14.3

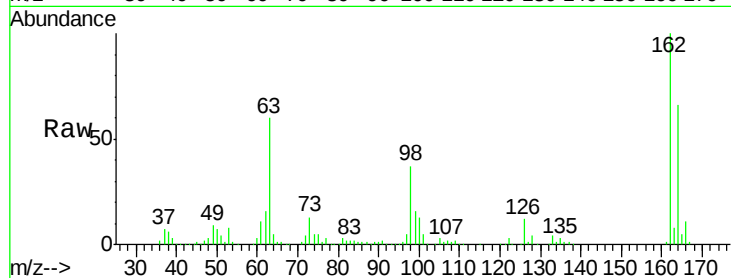




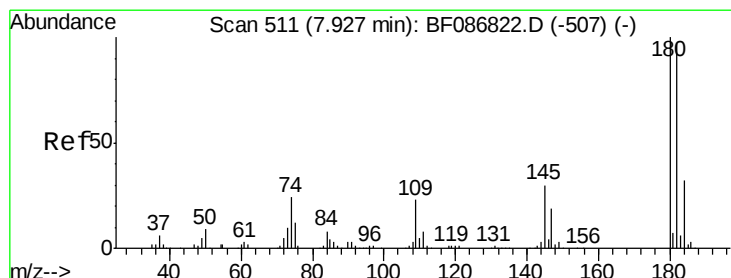
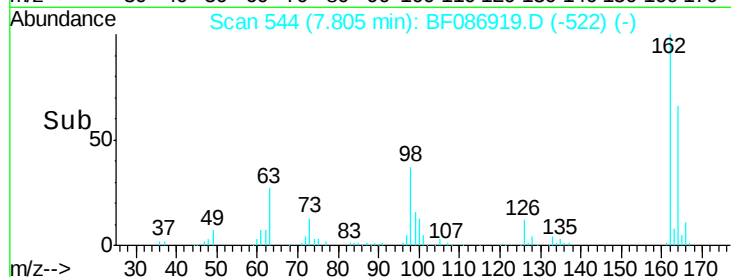
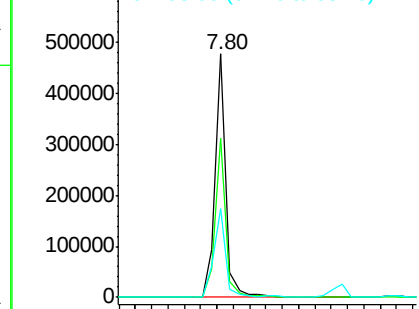
#29
 2,4-Dichlorophenol
 Concen: 34.93 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 450111
 Ion Ratio Lower Upper
 162 100
 164 65.6 42.2 82.2
 98 36.6 19.0 59.0

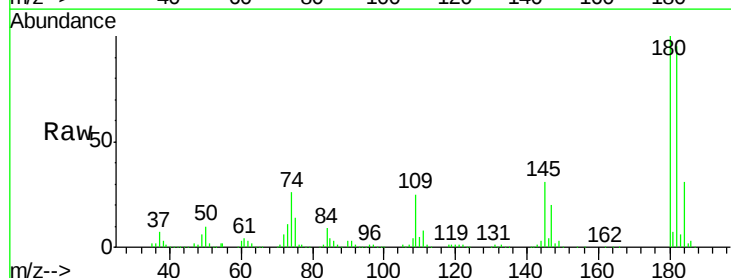


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

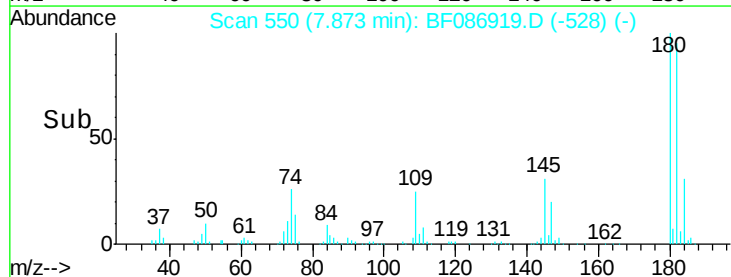
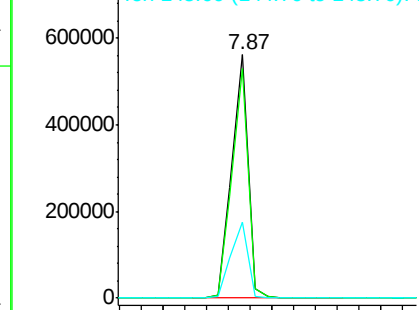


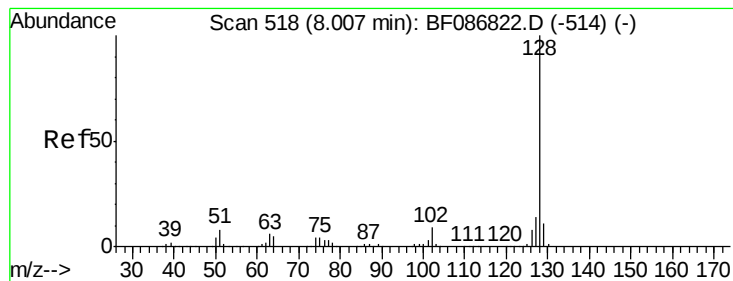
#30
 1,2,4-Trichlorobenzene
 Concen: 40.49 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion:180 Resp: 583492
 Ion Ratio Lower Upper
 180 100
 182 94.5 78.0 117.0
 145 31.0 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: 37.98 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

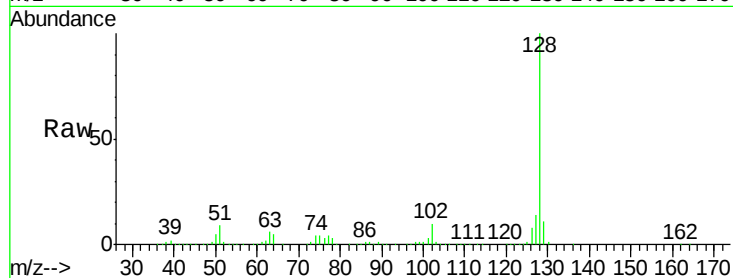
Tot Ion:128 Resp: 1815753

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

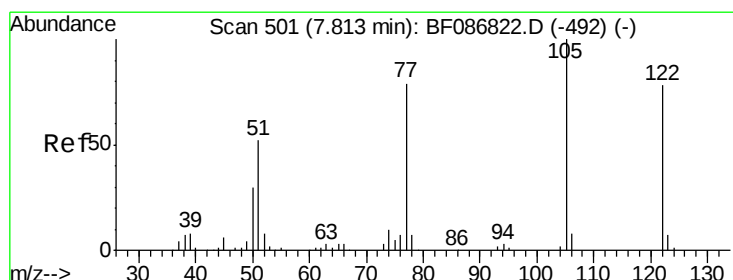
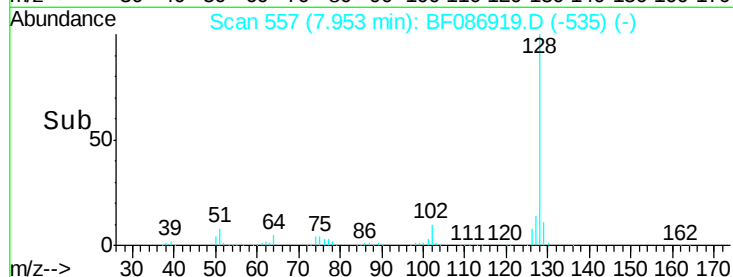
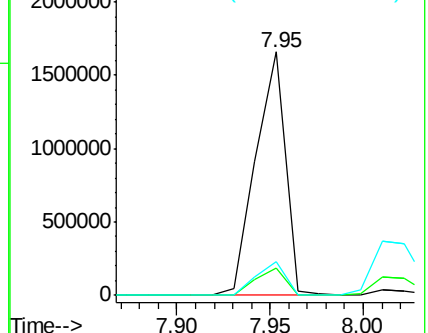
127 13.9 10.8 16.2



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: 28.36 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.04 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

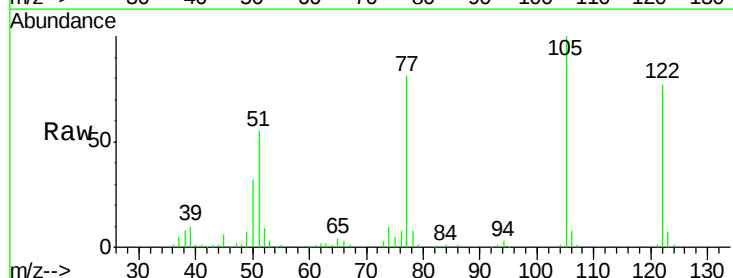
Tgt Ion:122 Resp: 243898

Ion Ratio Lower Upper

122 100

105 130.3 92.6 132.6

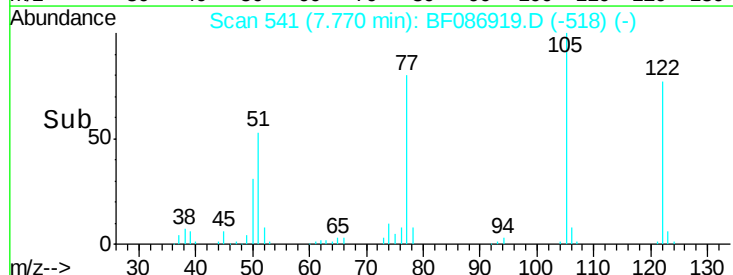
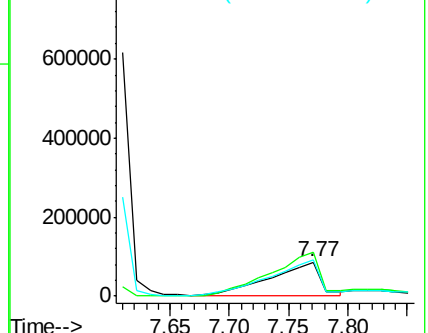
77 105.5 60.0 100.0#

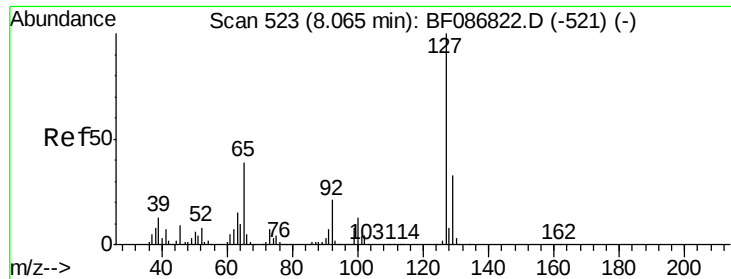


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

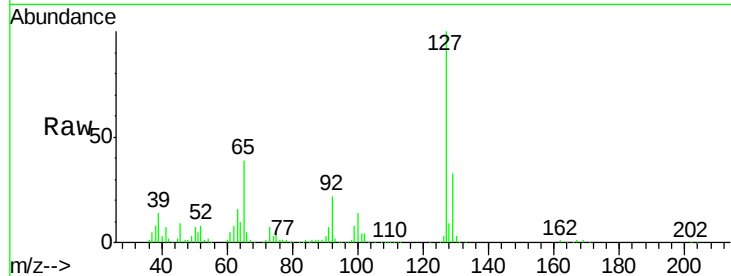




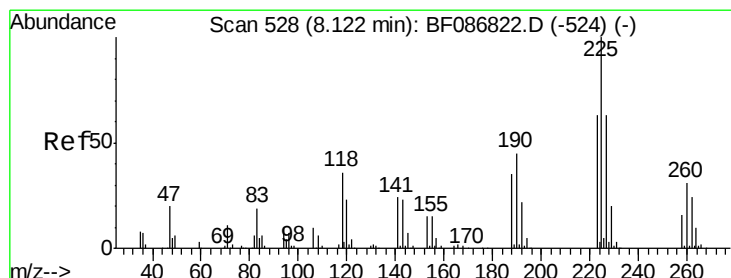
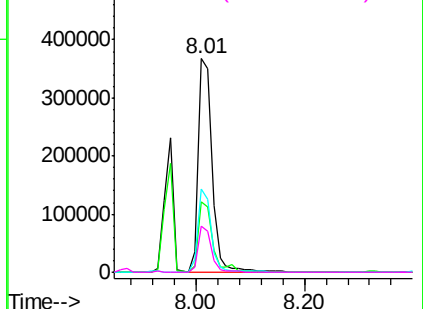
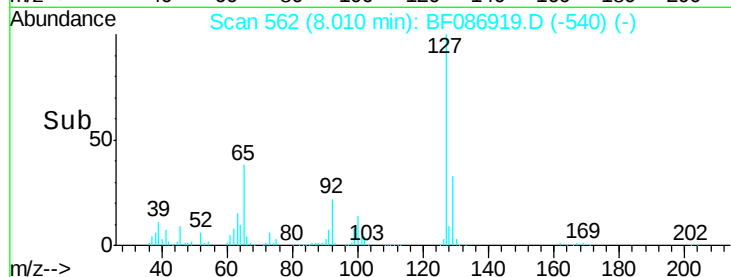
#33
4-Chloroaniline
Concen: 34.54 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	641682
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	38.9	23.0	34.4
92	21.5	15.1	22.7

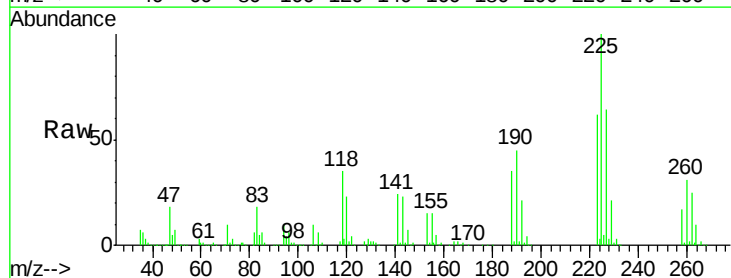


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

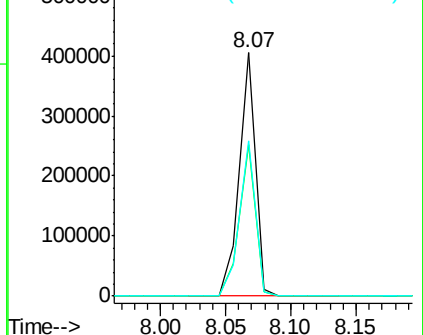
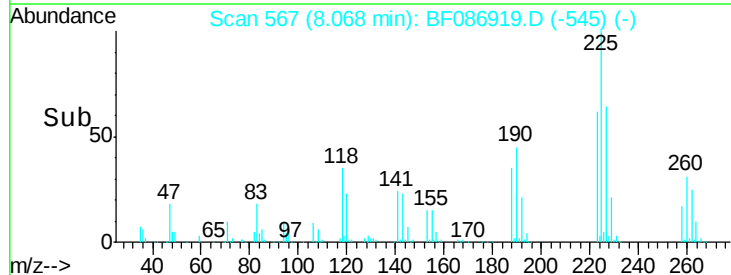


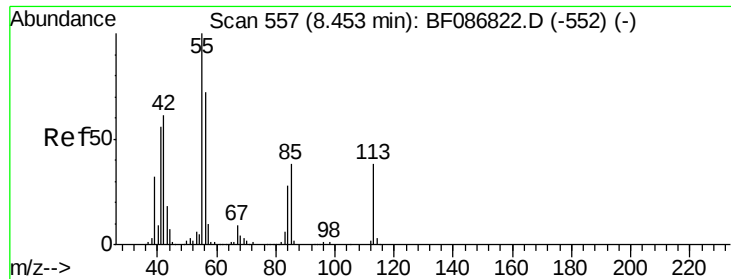
#34
Hexachlorobutadiene
Concen: 41.31 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion:	225	Resp:	345398
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.5	77.3
227	64.0	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

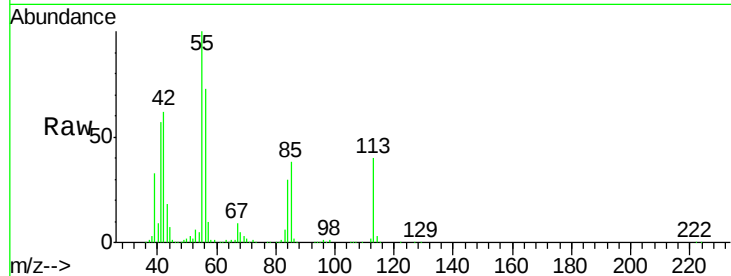




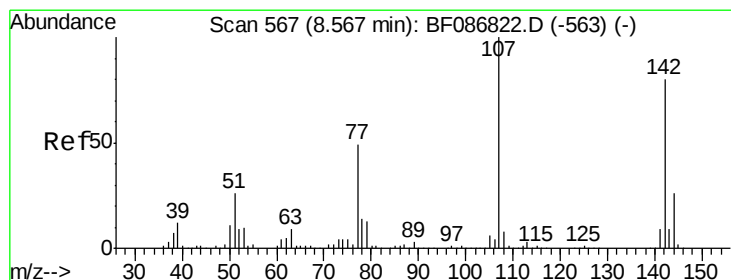
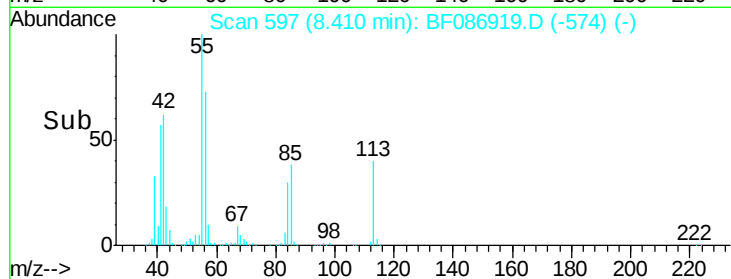
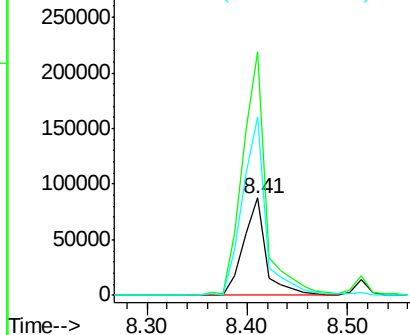
#35
 Caprolactam
 Concen: 31.14 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.04 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 136532
 Ion Ratio Lower Upper
 113 100
 55 249.7 162.0 202.0#
 56 183.0 115.3 155.3#

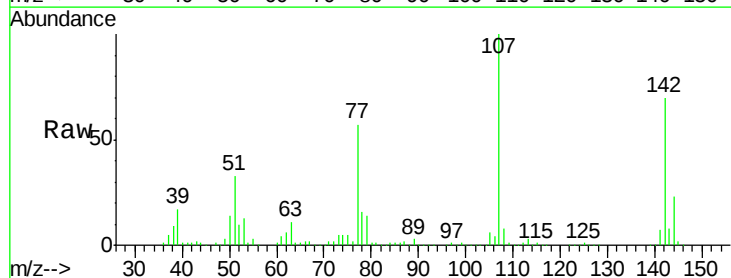


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

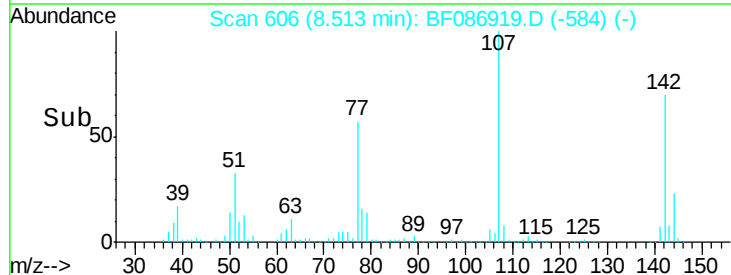
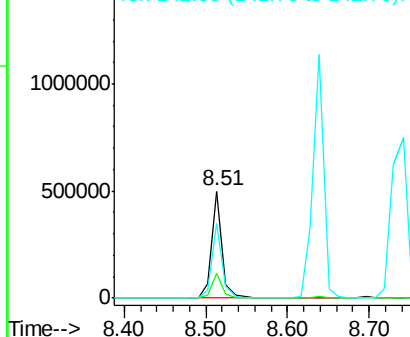


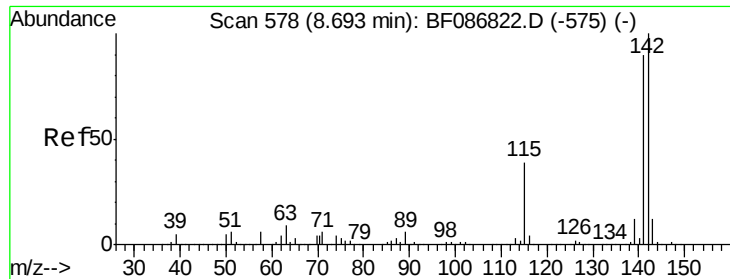
#36
 4-Chloro-3-methylphenol
 Concen: 29.11 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion:107 Resp: 454888
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.7 31.1
 142 69.9 63.2 94.8



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

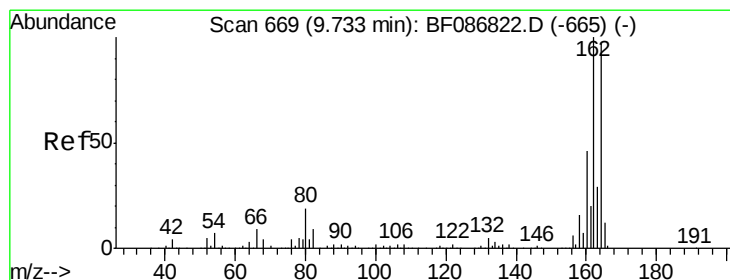
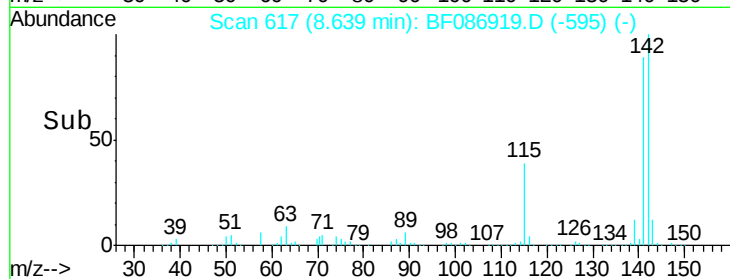
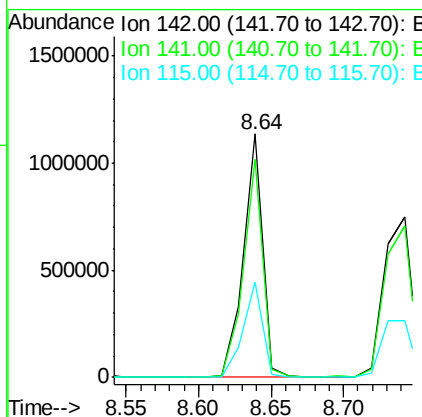
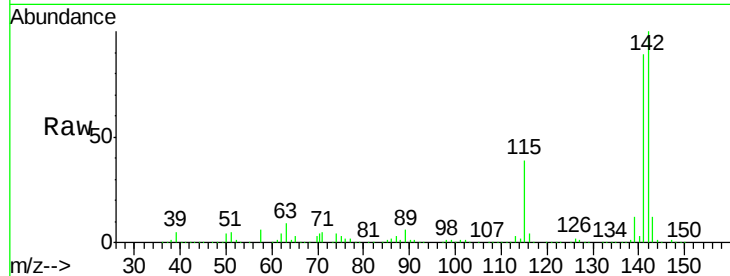




#37
 2-Methylnaphthalene
 Concen: 37.49 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

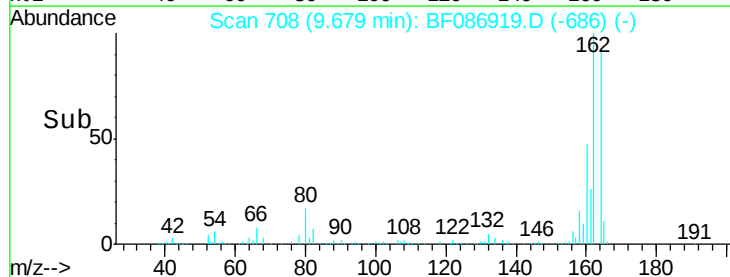
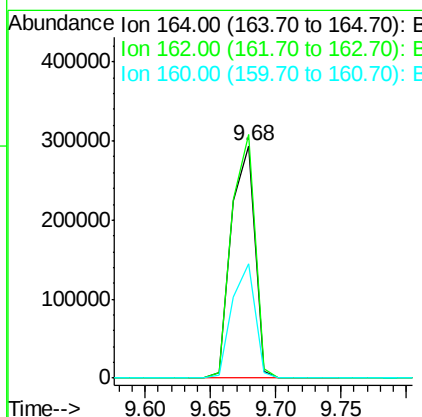
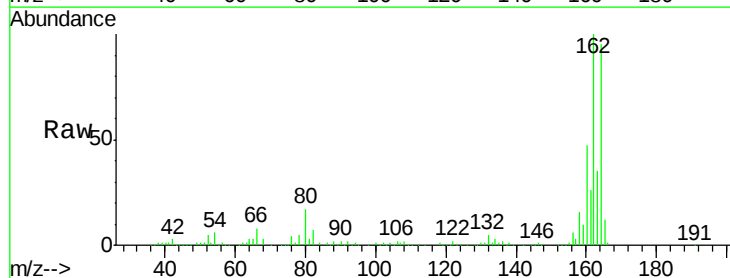
Instrument :
 BNA_F
 ClientSampleID :

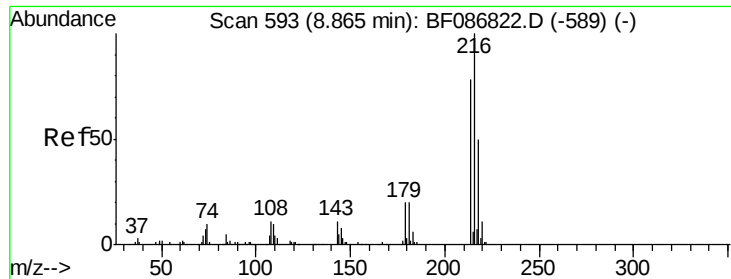
Tot Ion:142 Resp: 1047707
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 39.2 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion:164 Resp: 366016
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.8 124.2
 160 49.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.83 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 466426

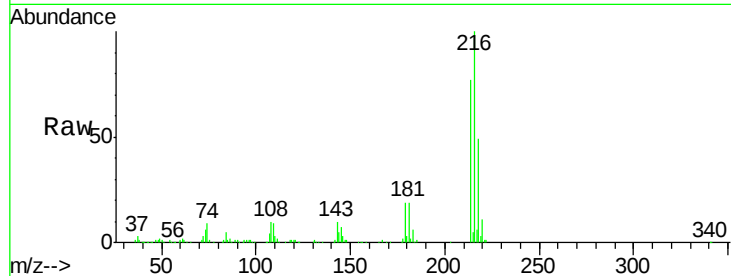
Ion Ratio Lower Upper

216 100

214 79.0 62.6 93.8

179 23.1 18.2 27.4

108 20.4 17.5 26.3

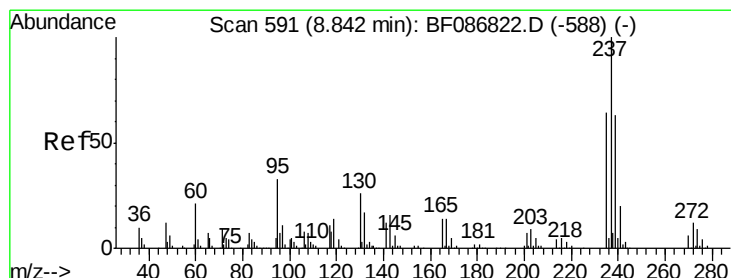
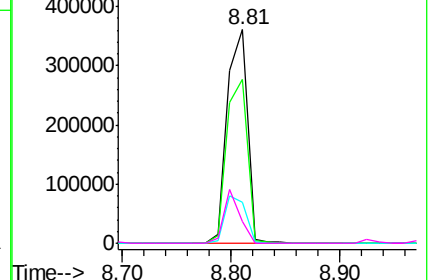
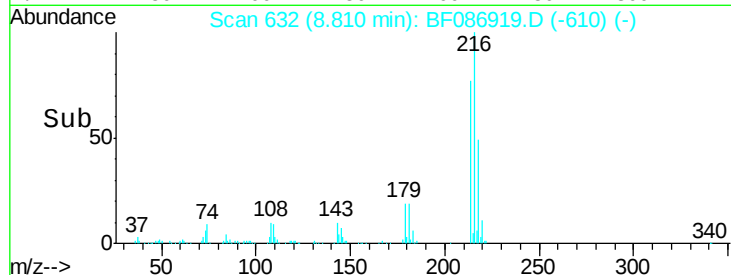


Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.38 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

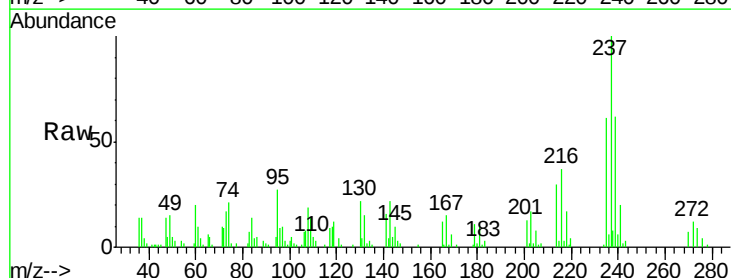
Tgt Ion:237 Resp: 37292

Ion Ratio Lower Upper

237 100

235 61.1 47.2 87.2

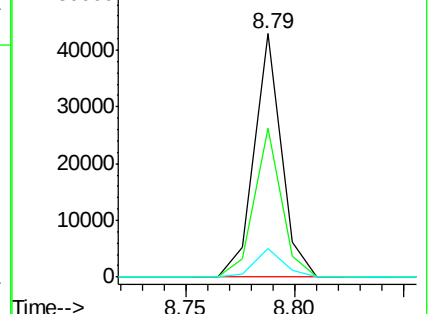
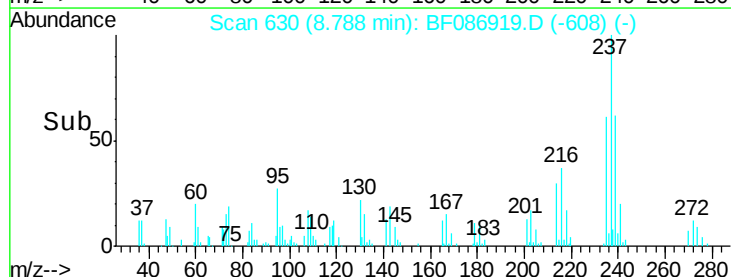
272 11.9 0.0 31.1

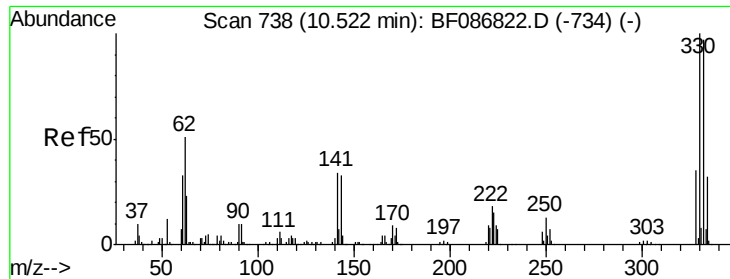


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

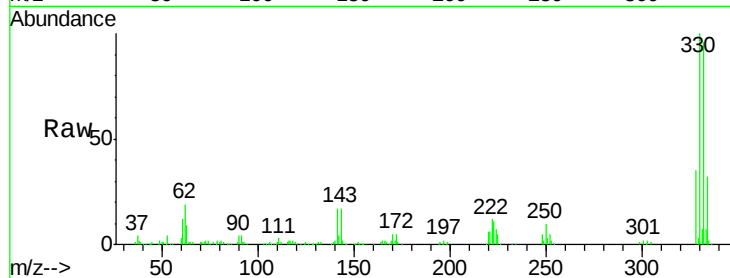




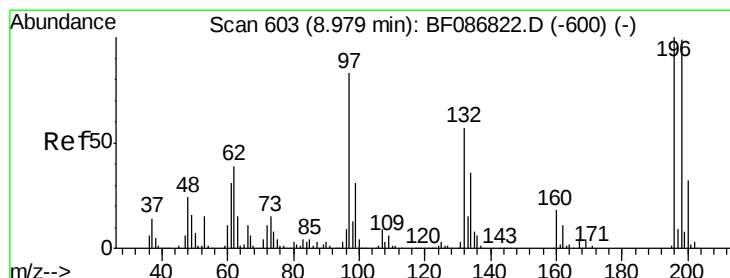
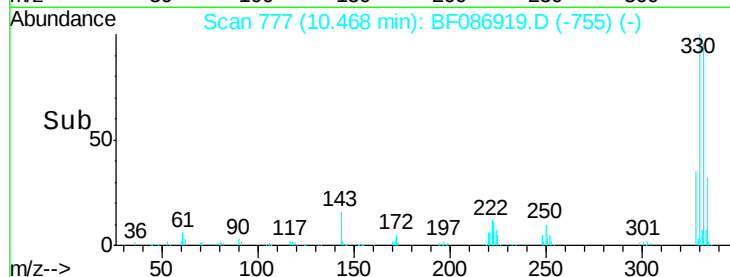
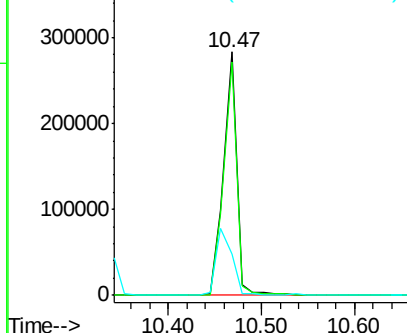
#41
 2,4,6-Tribromophenol
 Concen: 72.69 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 281673
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 33.0 31.2 46.8

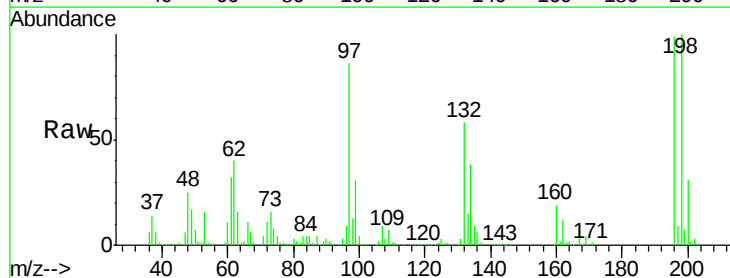


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

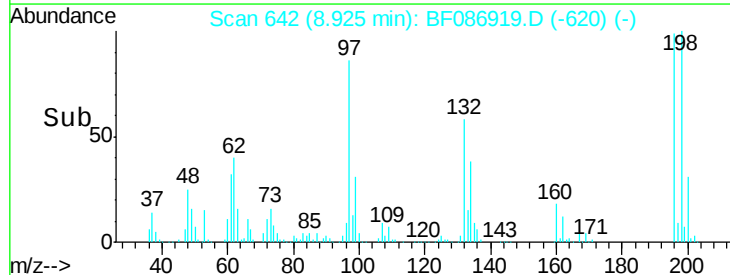
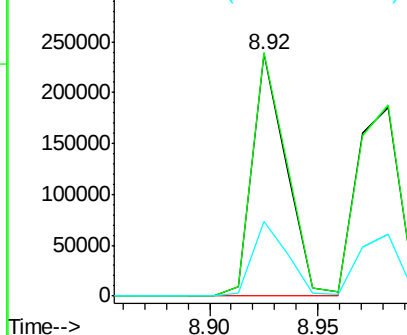


#42
 2,4,6-Trichlorophenol
 Concen: 36.47 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion:196 Resp: 259505
 Ion Ratio Lower Upper
 196 100
 198 100.6 74.7 112.1
 200 30.8 23.8 35.6



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

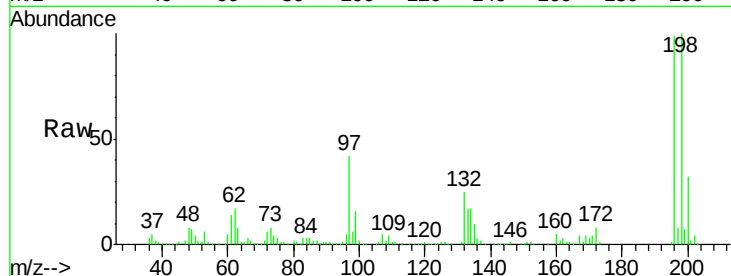




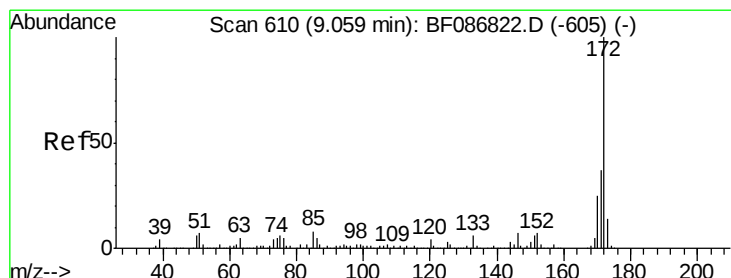
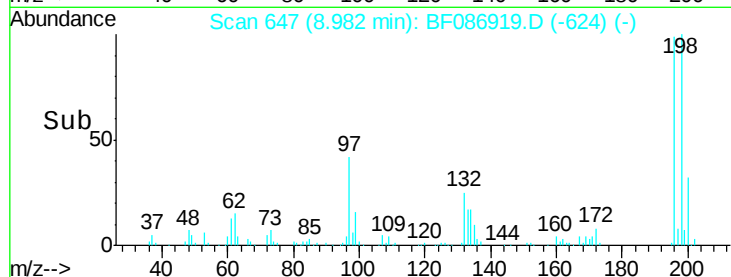
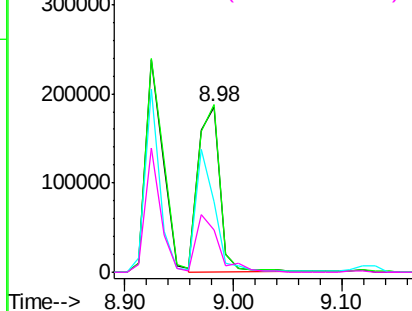
#43
2,4,5-Trichlorophenol
Concen: 35.34 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.04 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.4	77.5	116.3
97	42.8	34.8	52.2
132	25.6	23.0	34.4

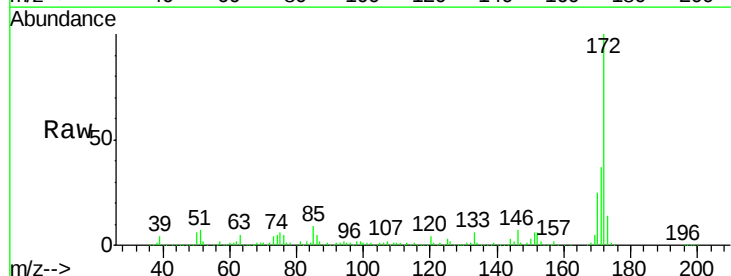


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

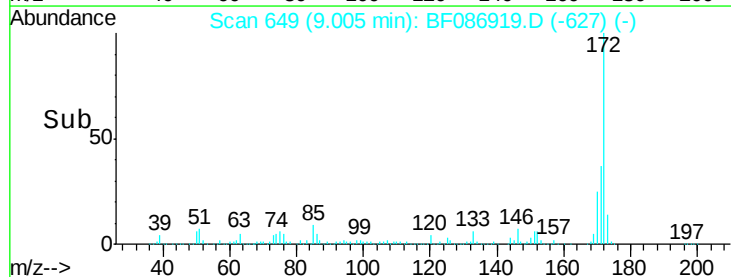
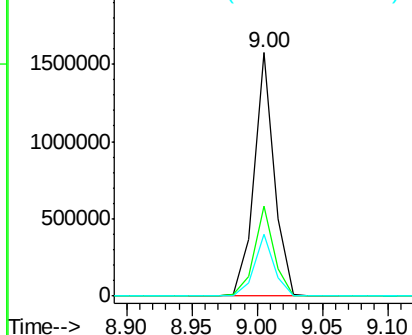


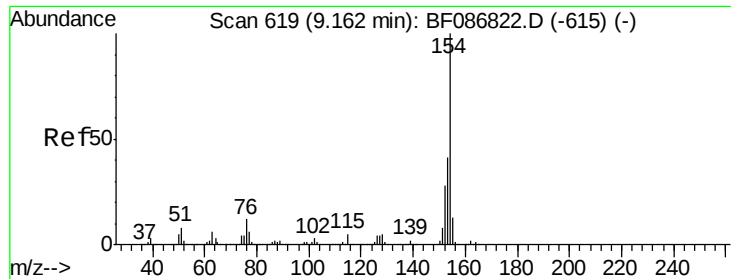
#44
2-Fluorobiphenyl
Concen: 77.61 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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: 44.09 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

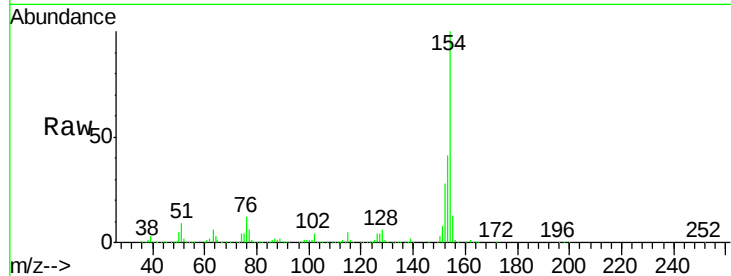
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1283729

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.3	60.3
76	12.2	0.0	30.2

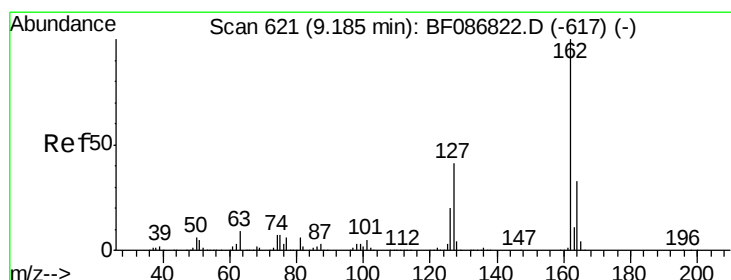
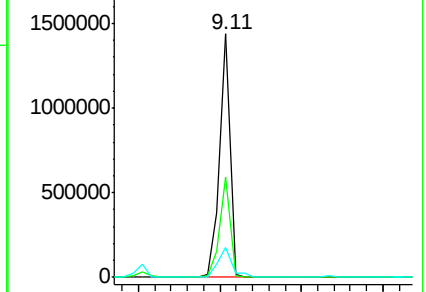
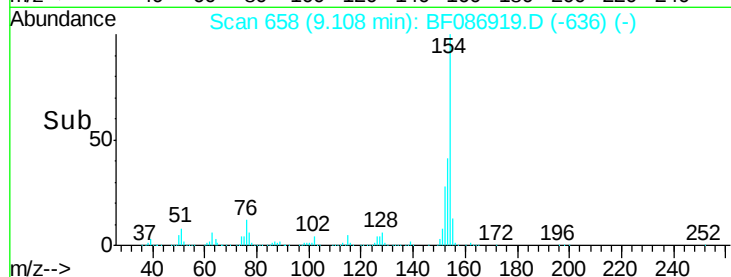


Abundance

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: 42.84 ng

RT: 9.13 min Scan# 660

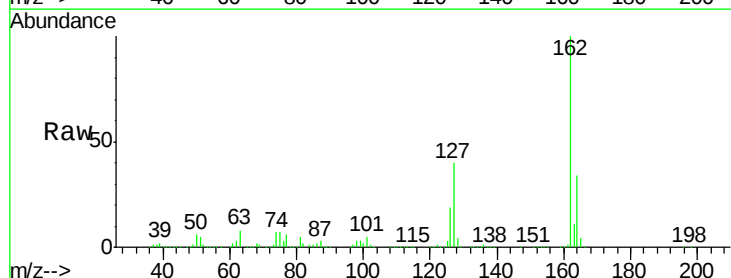
Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:162 Resp: 977125

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.8	47.6
164	33.8	27.0	40.6

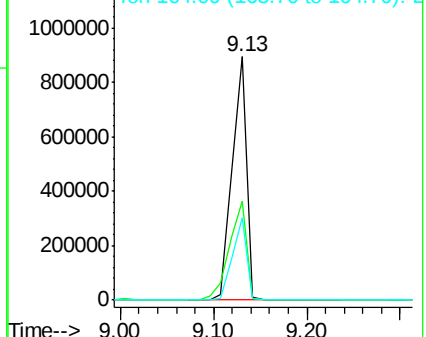
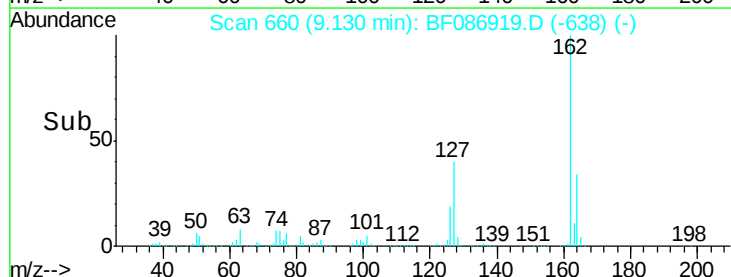


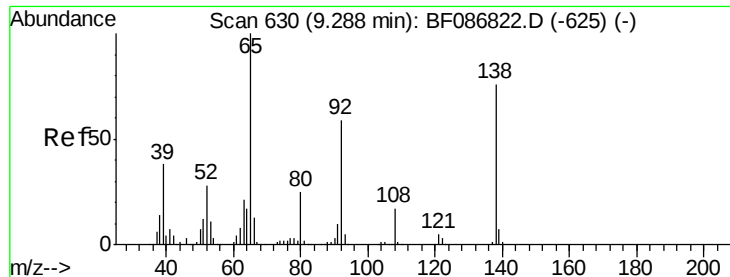
Abundance

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

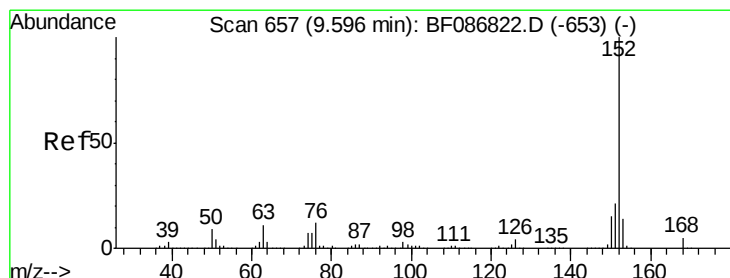
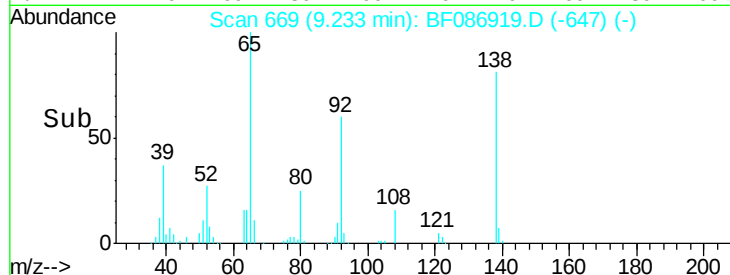
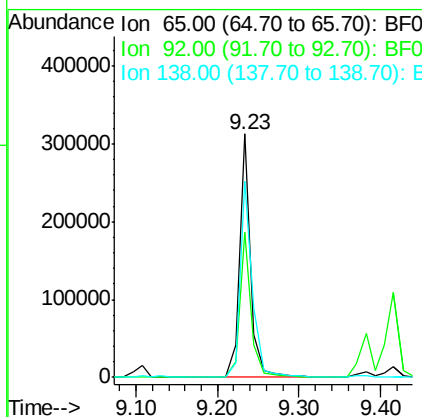
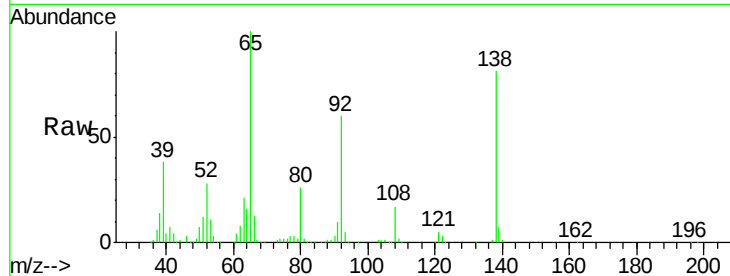




#47
2-Nitroaniline
Concen: 35.81 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

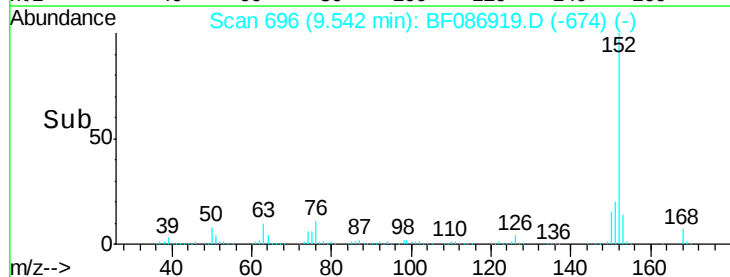
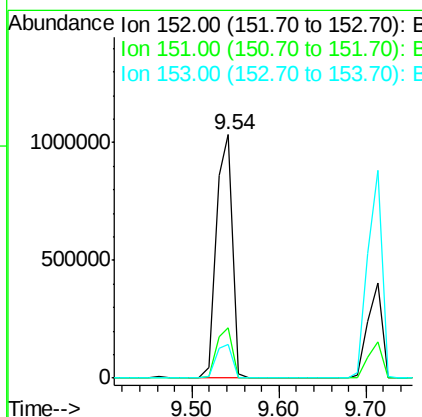
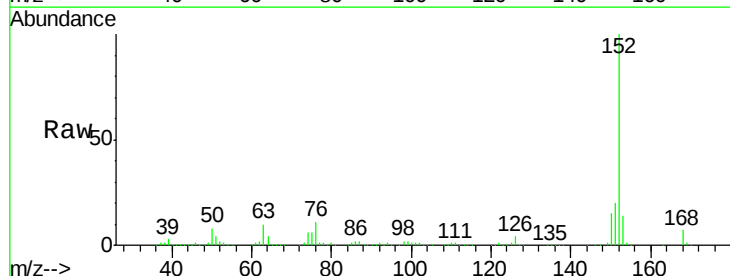
Instrument :
BNA_F
ClientSampled :

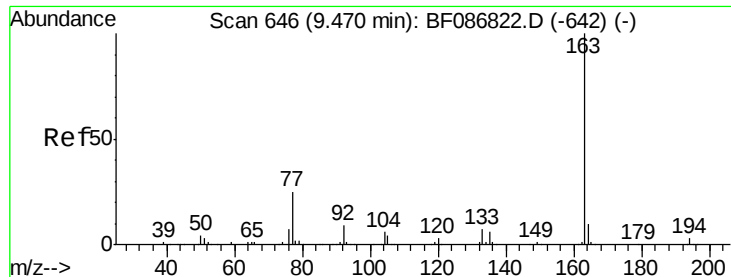
Tot Ion: 65 Resp: 298535
Ion Ratio Lower Upper
65 100
92 59.8 57.4 86.2
138 80.9 90.1 135.1#



#48
Acenaphthylene
Concen: 40.25 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion: 152 Resp: 1350369
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 37.28 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

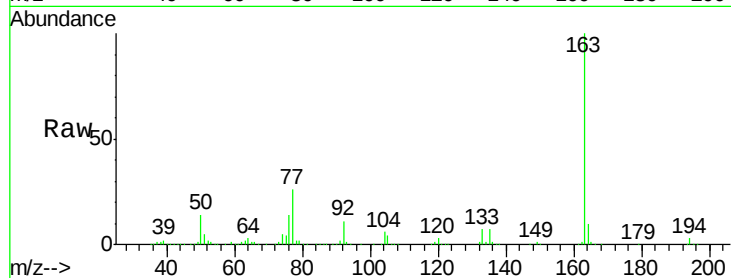
Tot Ion:163 Resp: 1040903

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

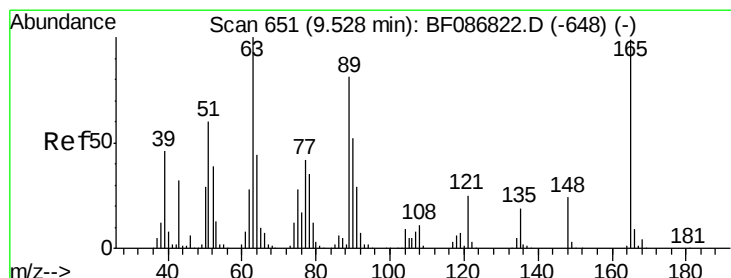
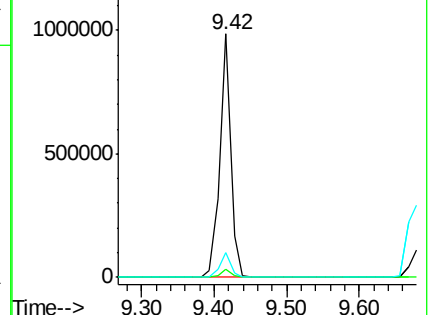
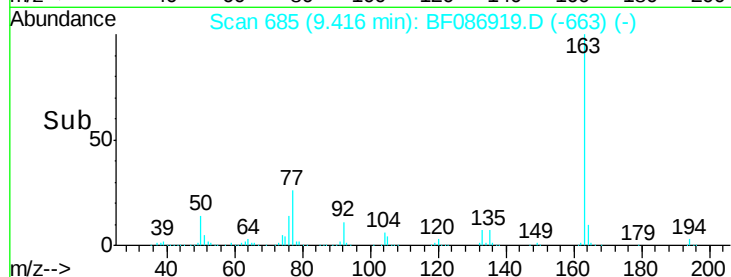
164 10.4 8.2 12.4



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: 36.68 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.04 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

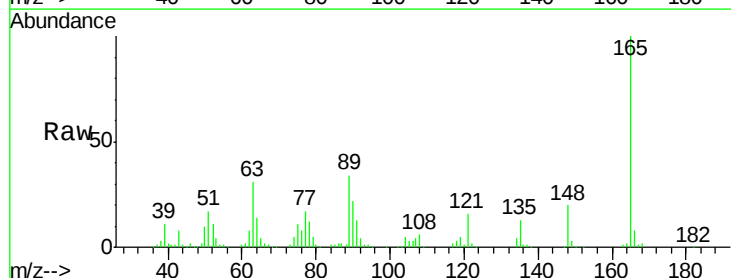
Tgt Ion:165 Resp: 215576

Ion Ratio Lower Upper

165 100

63 30.6 51.8 77.8#

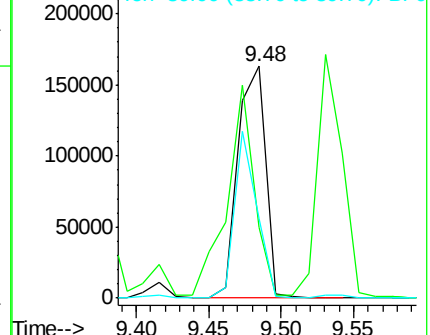
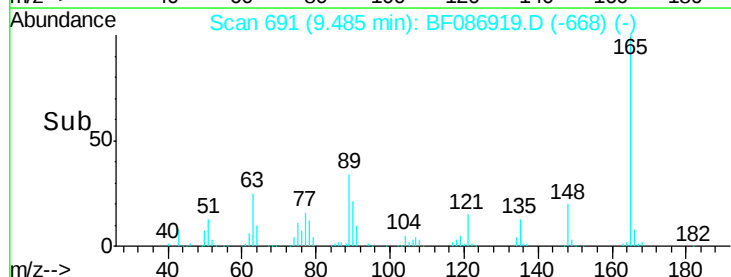
89 34.3 50.7 76.1#

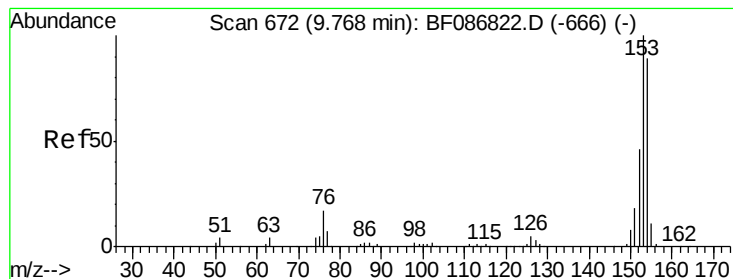


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.41 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampled :

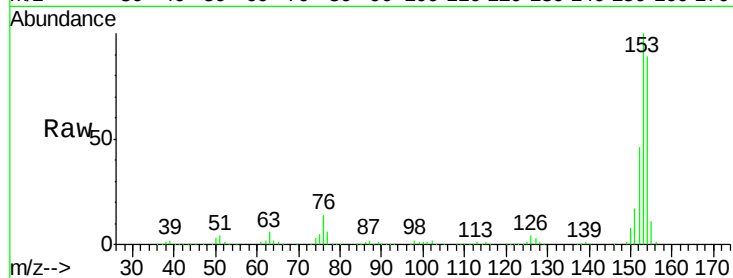
Tot Ion:154 Resp: 885081

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.6

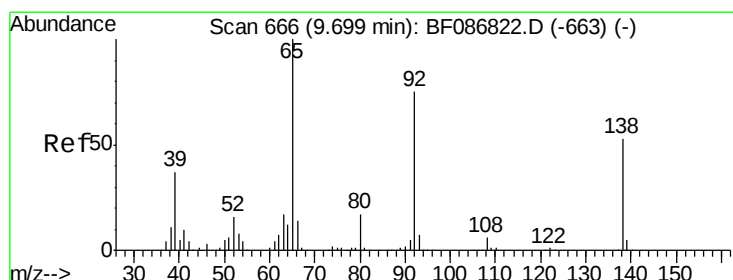
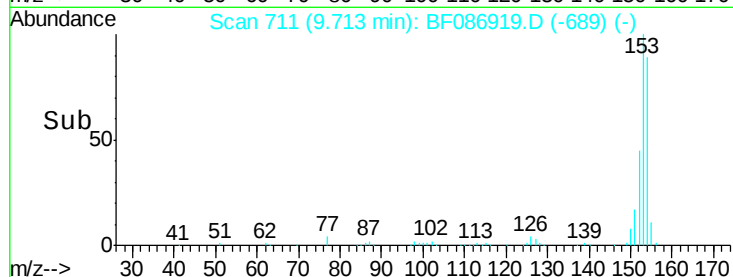
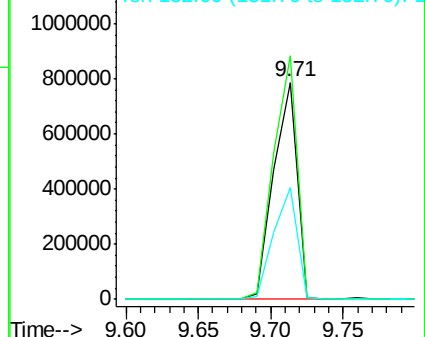
152 51.6 43.4 65.0



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: 34.90 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

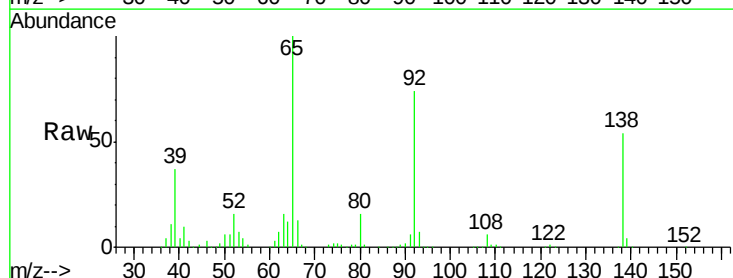
Tgt Ion:138 Resp: 215924

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.6

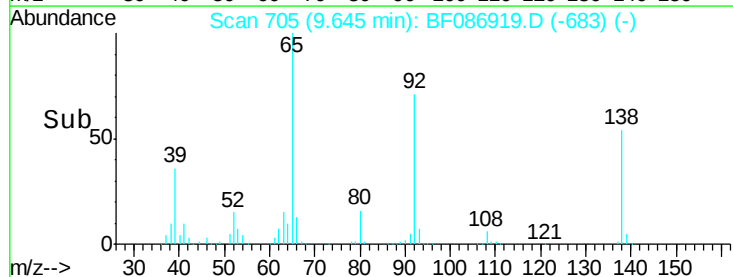
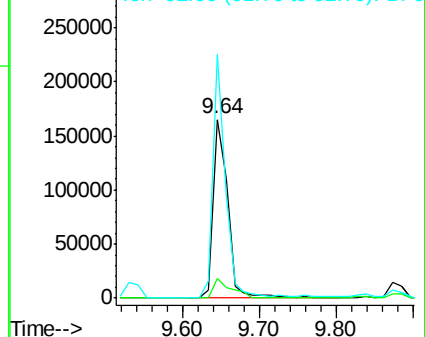
92 136.4 87.8 131.8#

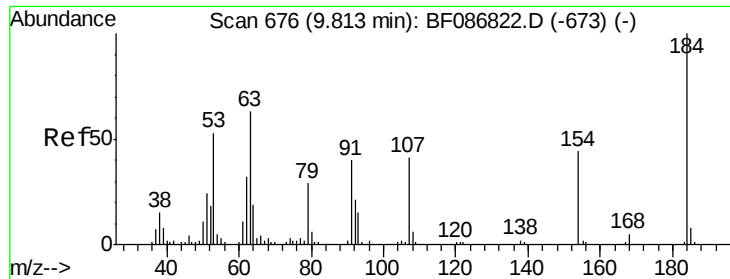


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

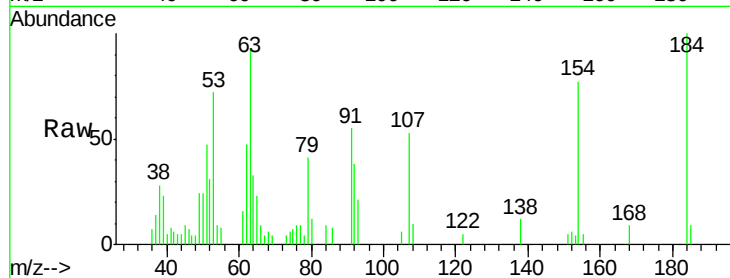




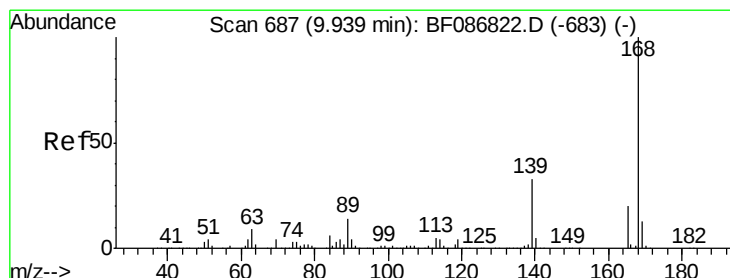
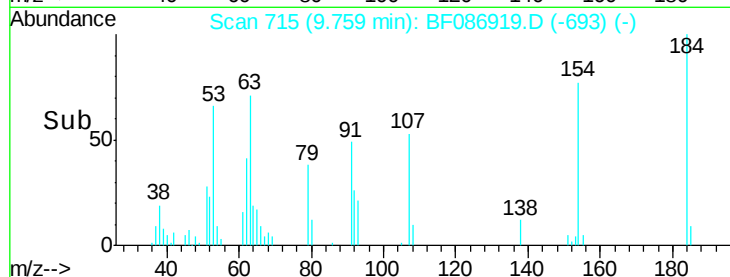
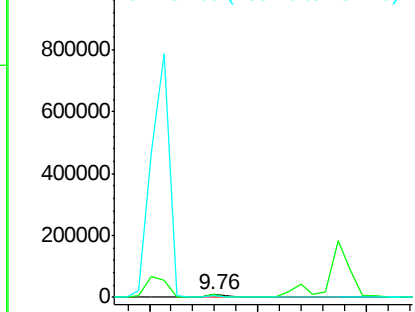
#53
2,4-Dinitrophenol
Concen: 11.68 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 13237
Ion Ratio Lower Upper
184 100
63 93.2 55.8 83.8#
154 77.1 62.4 93.6

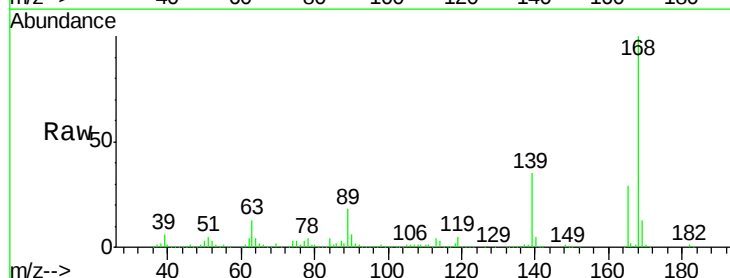


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

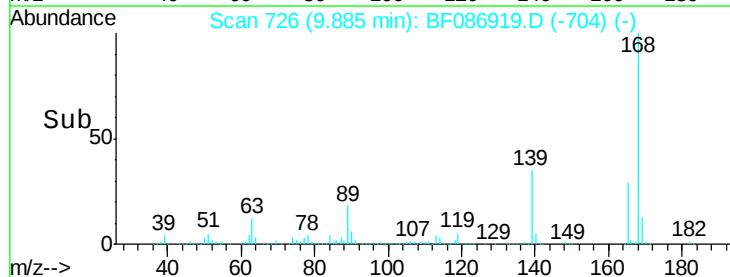
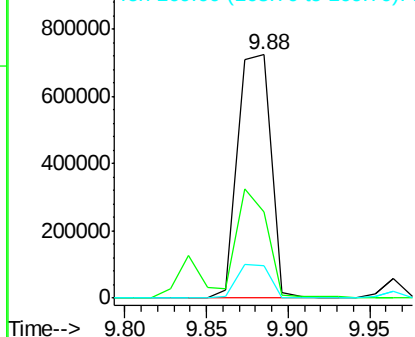


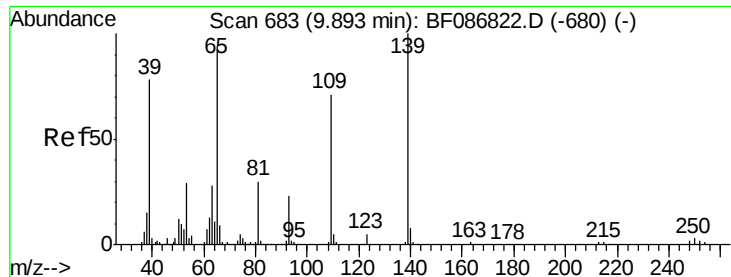
#54
Dibenzofuran
Concen: 37.98 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion:168 Resp: 1017578
Ion Ratio Lower Upper
168 100
139 35.3 31.4 47.0
169 13.1 10.7 16.1



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





#55

4-Nitrophenol

Concen: 135.12 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampled :

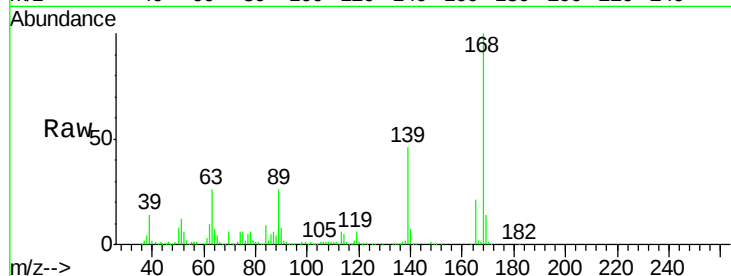
Tot Ion:139 Resp: 571168

Ion Ratio Lower Upper

139 100

109 2.8 36.9 76.9#

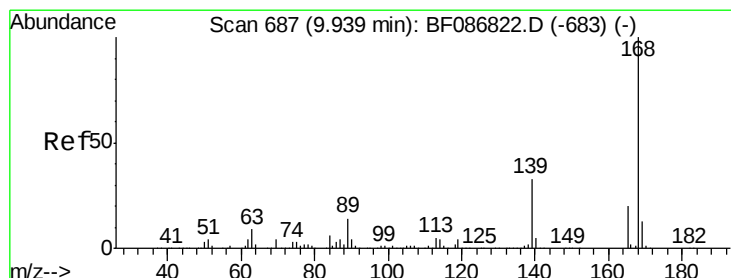
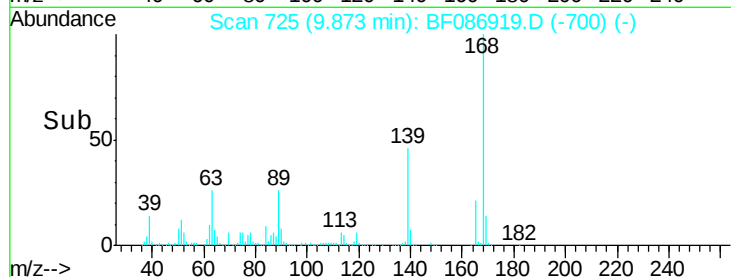
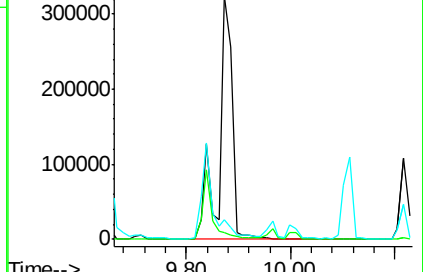
65 8.0 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.49 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Tgt Ion:165 Resp: 258114

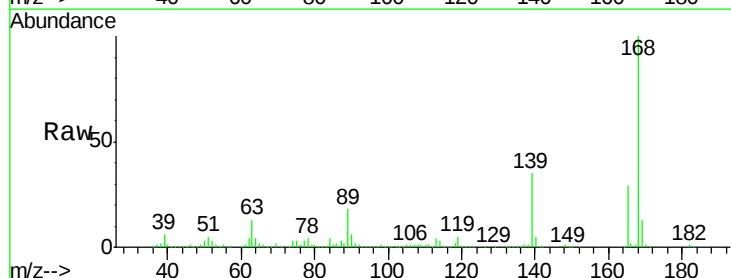
Ion Ratio Lower Upper

165 100

63 44.3 44.3 66.5#

89 61.5 70.0 105.0#

182 2.5 1.8 2.6

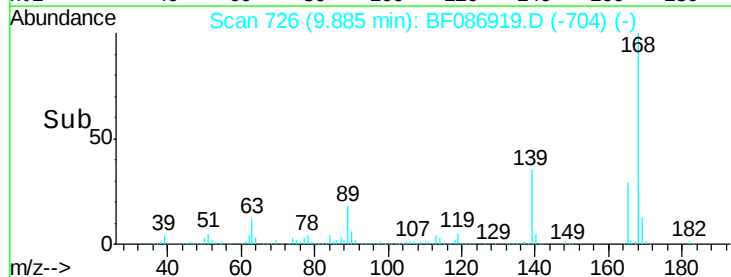
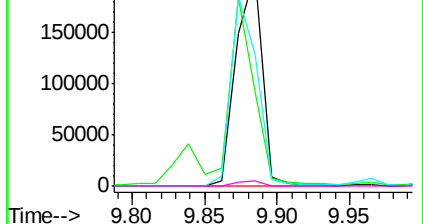


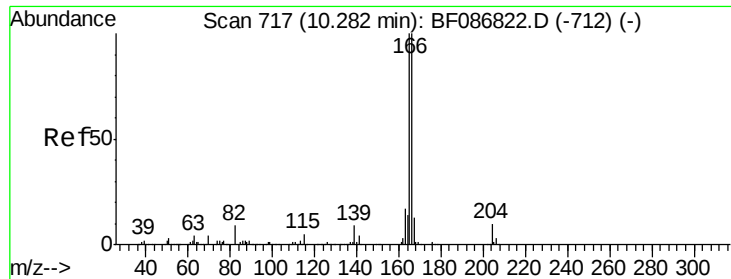
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

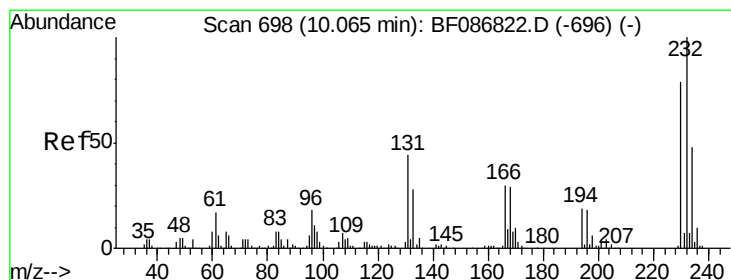
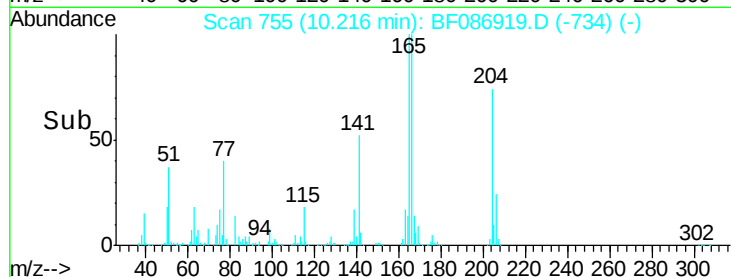
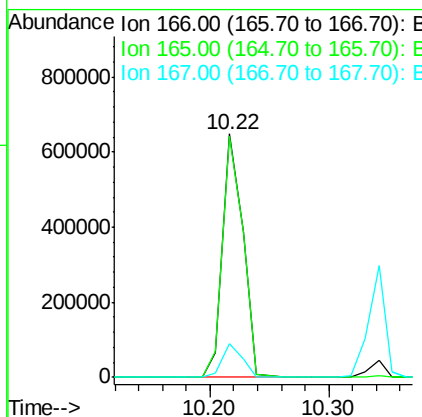
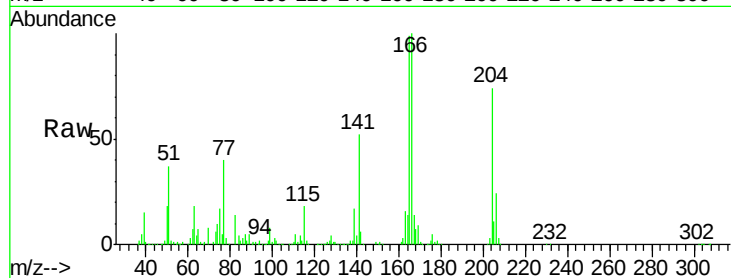




#57
 Fluorene
 Concen: 33.60 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.07 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

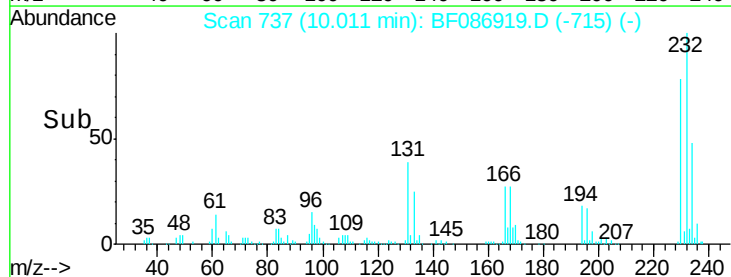
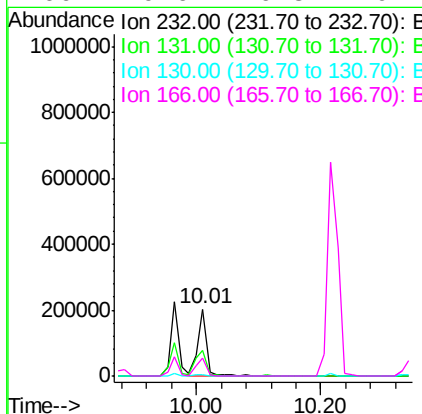
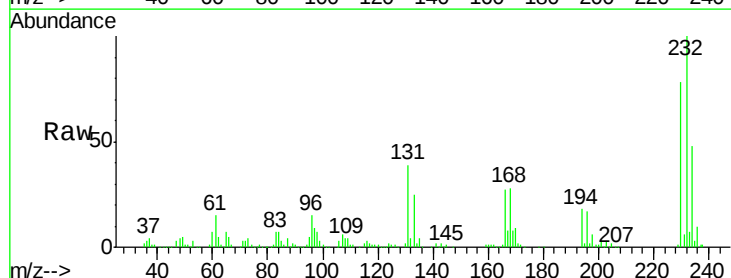
Instrument :
 BNA_F
 ClientSampleId :

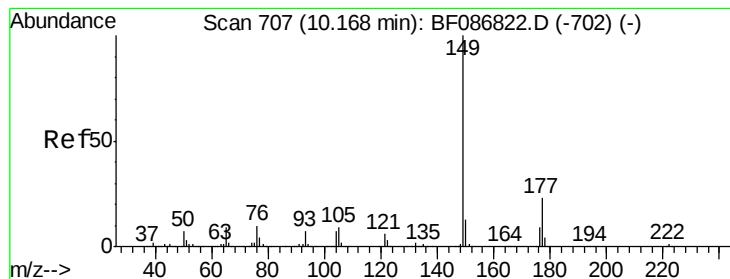
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	13.9	10.6	15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.05 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.3	41.9	62.9
130	2.4	2.2	3.4
166	29.6	26.8	40.2





#59

Diethylphthalate

Concen: 39.10 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampled :

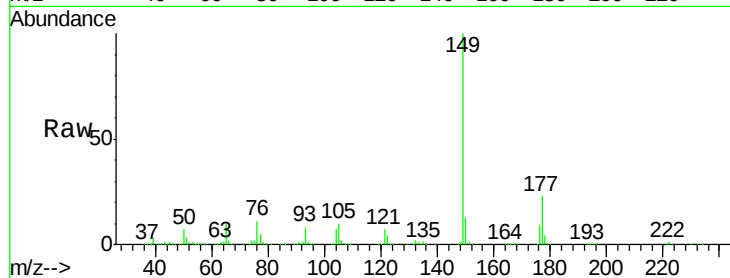
Tot Ion:149 Resp: 1064021

Ion Ratio Lower Upper

149 100

177 23.0 16.6 24.8

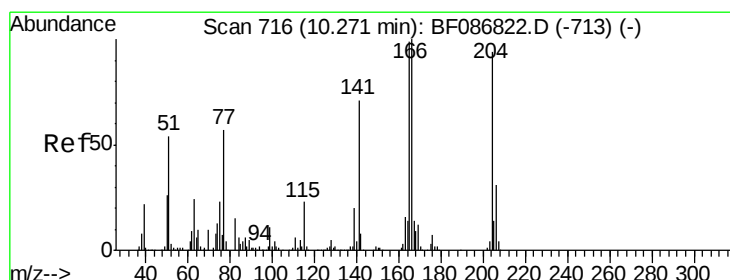
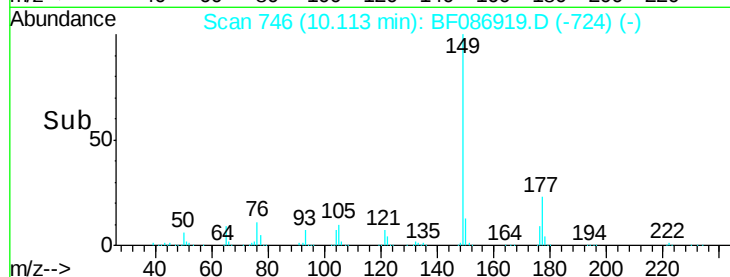
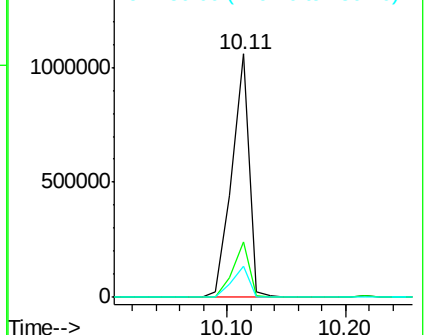
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.01 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

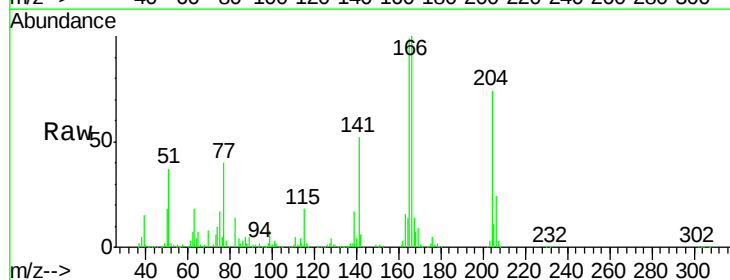
Tgt Ion:204 Resp: 392892

Ion Ratio Lower Upper

204 100

206 32.7 25.4 38.0

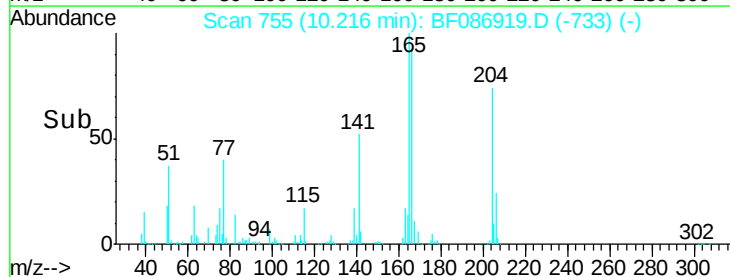
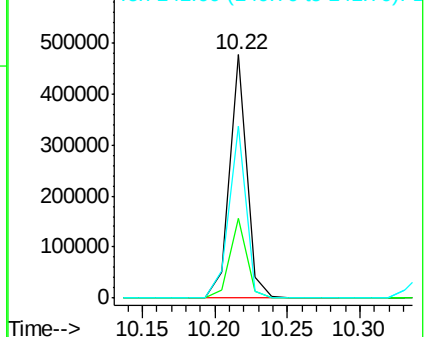
141 70.7 61.6 92.4

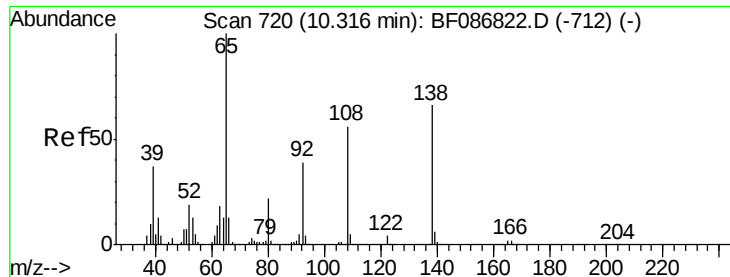


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

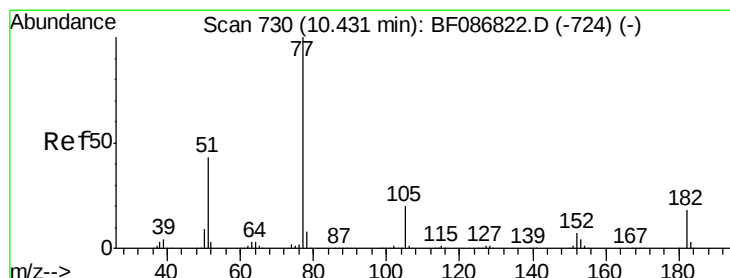
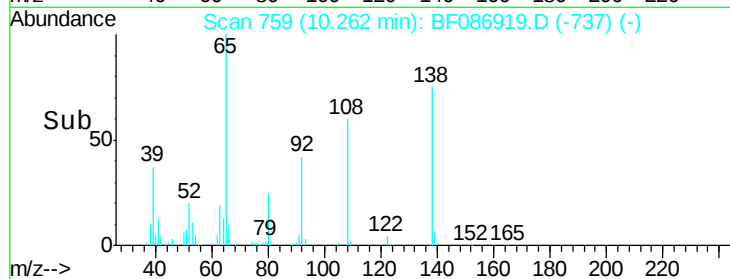
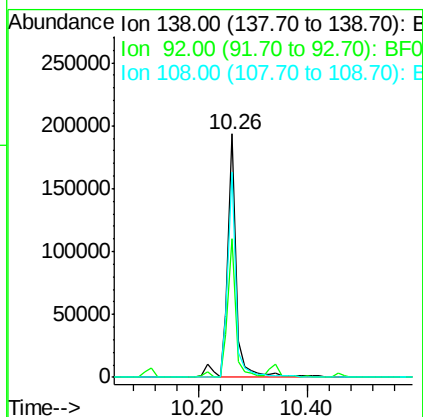
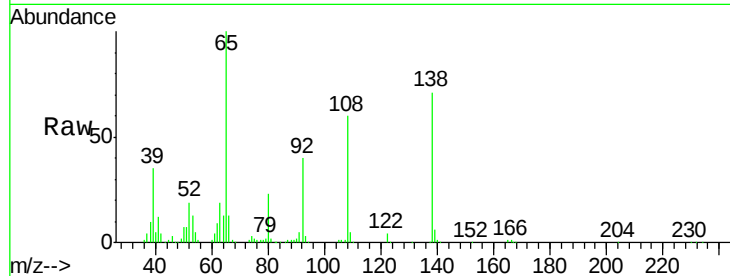




#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

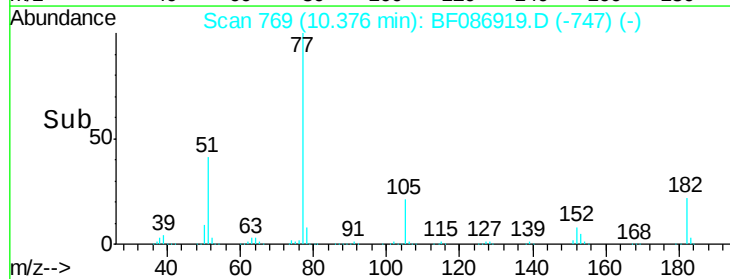
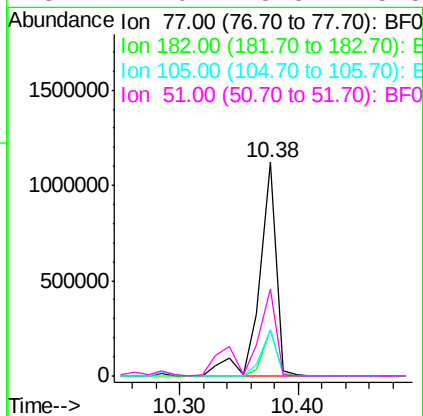
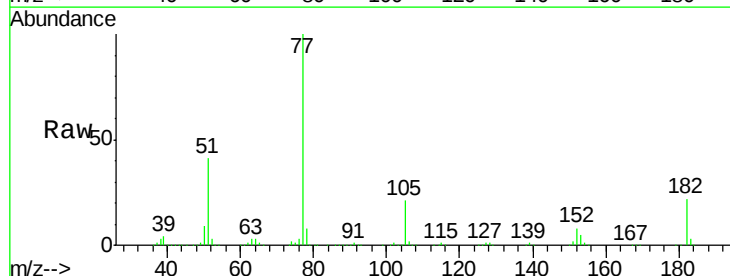
Instrument :
BNA_F
ClientSampleId :

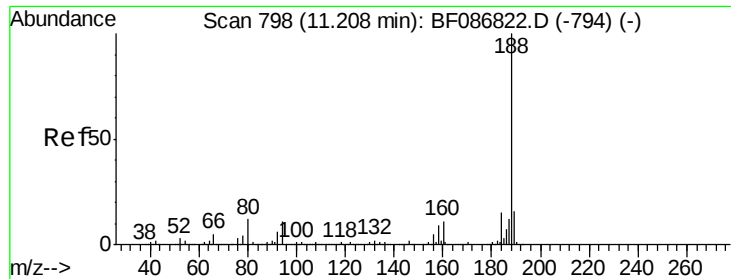
Tot Ion:138 Resp: 222642
Ion Ratio Lower Upper
138 100
92 56.8 24.7 64.7
108 84.5 37.4 77.4#



#62
Azobenzene
Concen: 38.14 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion: 77 Resp: 1119790
Ion Ratio Lower Upper
77 100
182 21.7 0.0 38.8
105 21.3 3.2 43.2
51 41.0 8.8 48.8

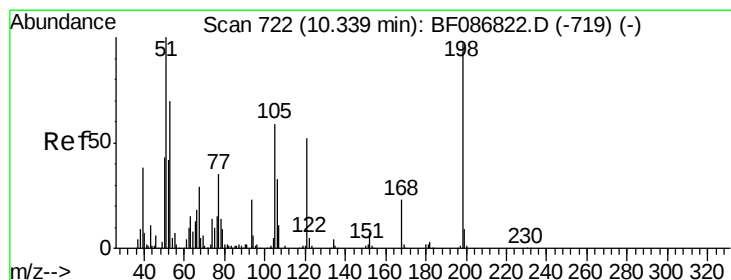
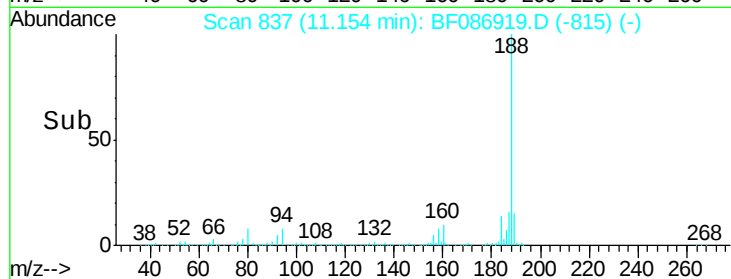
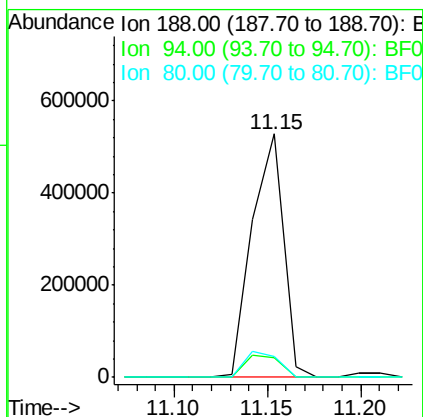
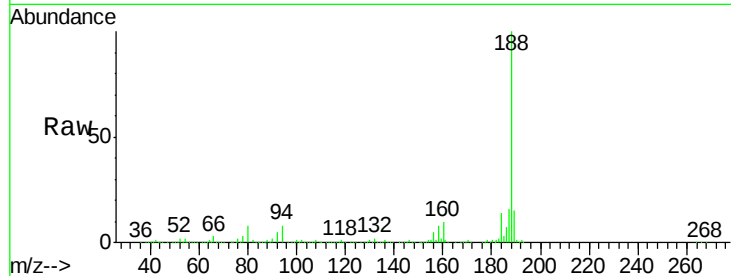




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

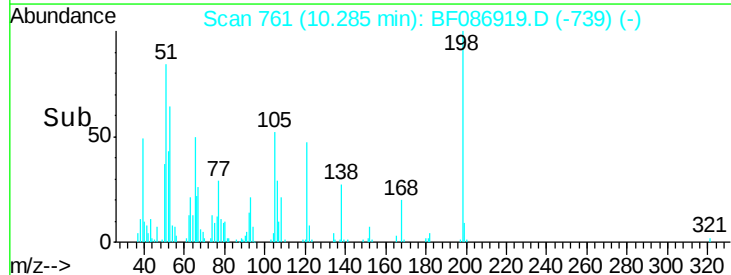
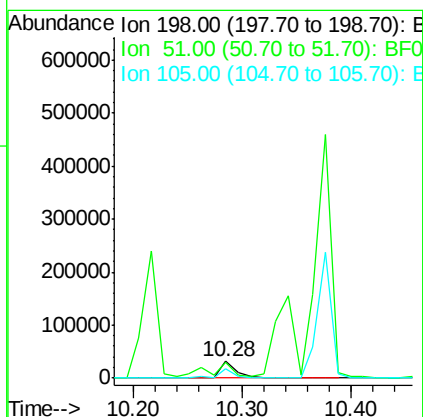
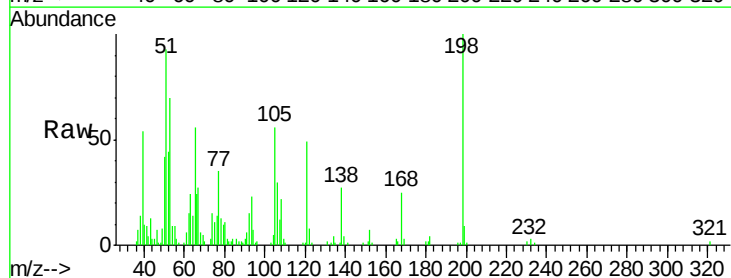
Instrument :
BNA_F
ClientSampleId :

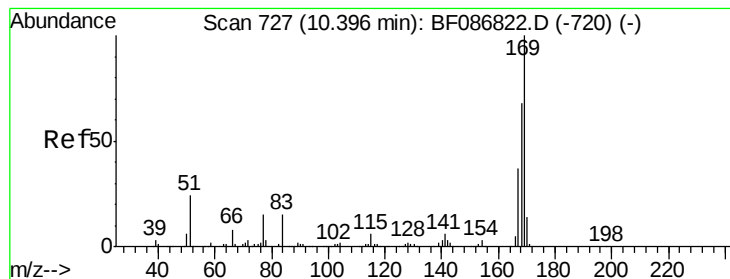
Tot Ion:188 Resp: 619085
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.5 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 8.54 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion:198 Resp: 32839
Ion Ratio Lower Upper
198 100
51 92.8 20.5 60.5#
105 56.0 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 39.76 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

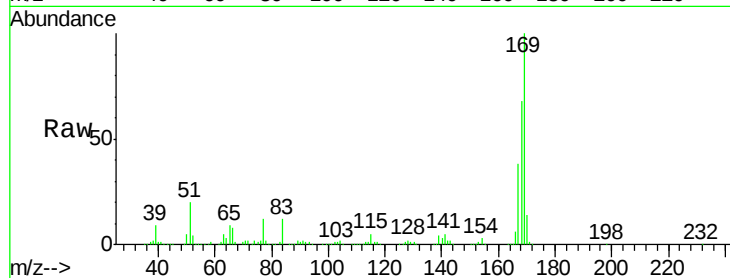
Tot Ion:169 Resp: 756247

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

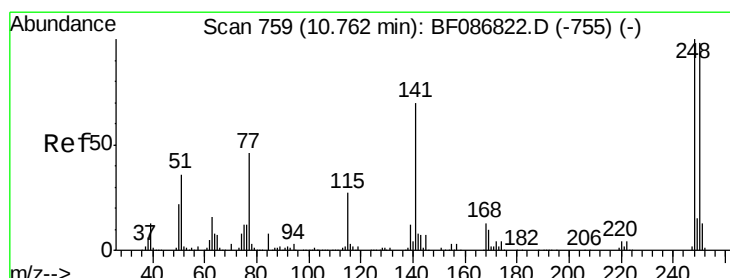
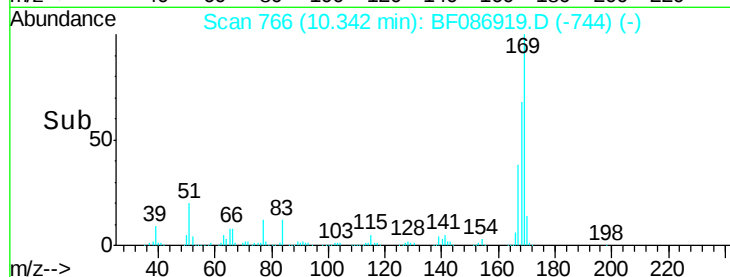
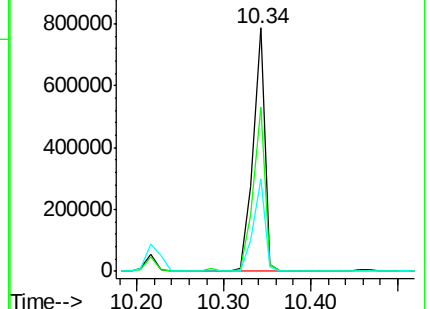
167 37.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.57 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

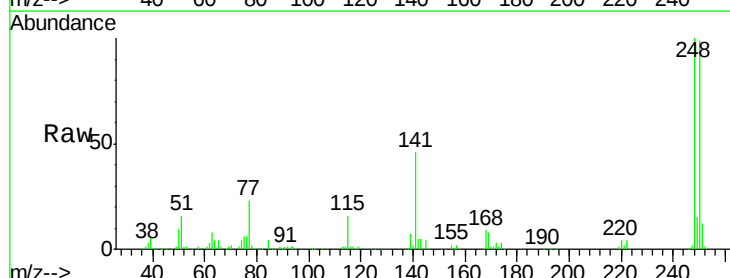
Tgt Ion:248 Resp: 242100

Ion Ratio Lower Upper

248 100

250 99.1 78.6 117.8

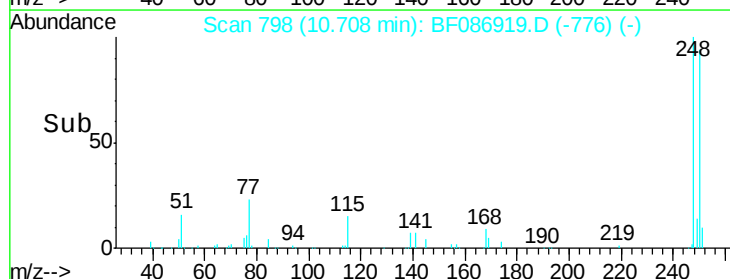
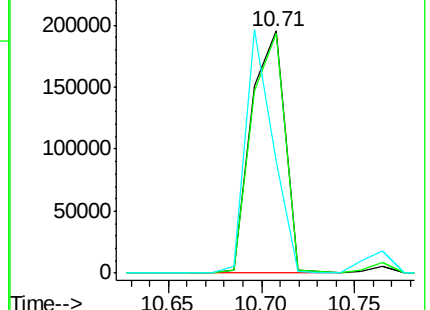
141 46.4 76.0 114.0#

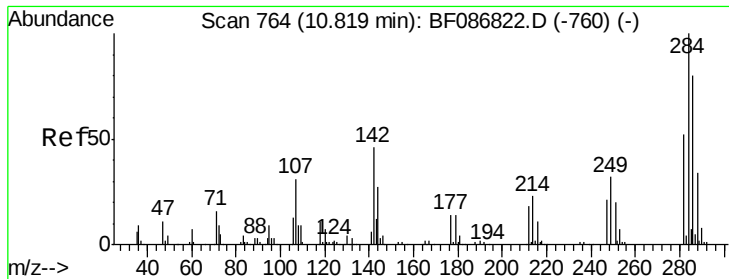


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.97 ng

RT: 10.76 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

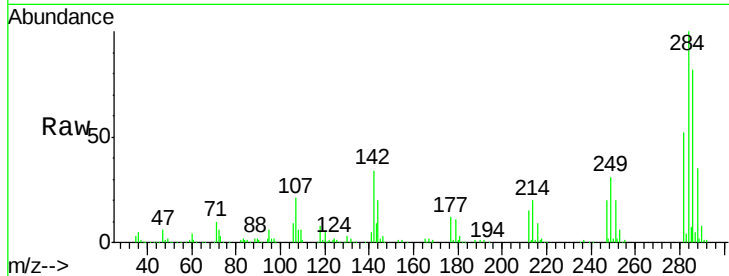
Tot Ion:284 Resp: 285879

Ion Ratio Lower Upper

284 100

142 33.5 16.7 25.1#

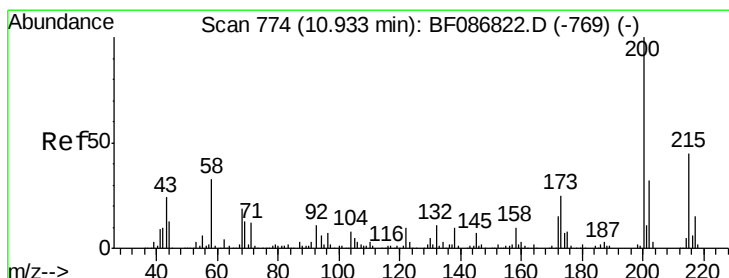
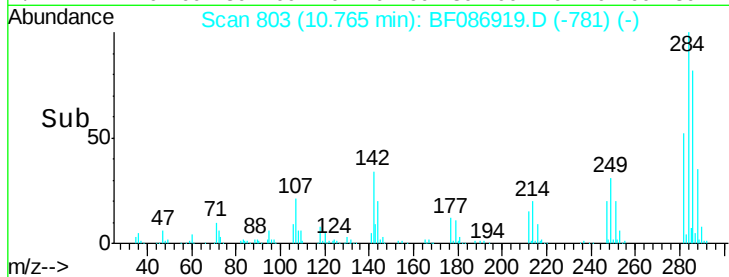
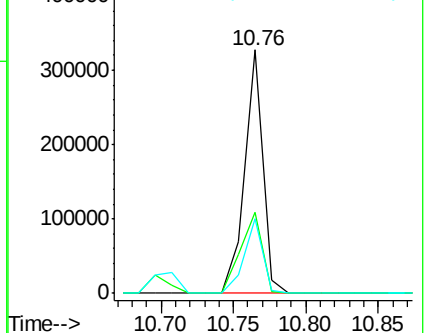
249 30.9 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.84 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.07 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

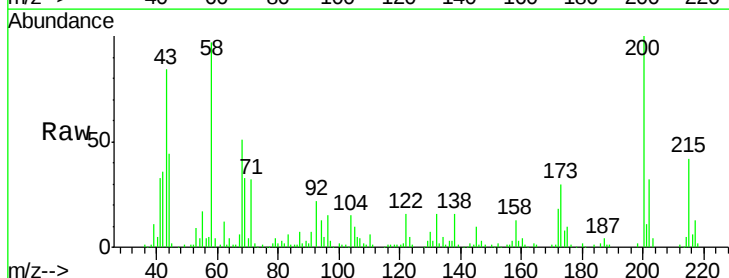
Tgt Ion:200 Resp: 202309

Ion Ratio Lower Upper

200 100

173 29.9 8.5 48.5

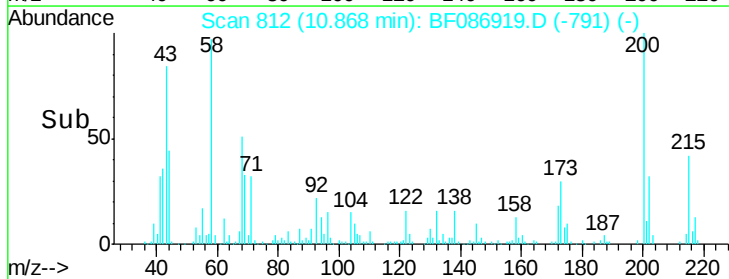
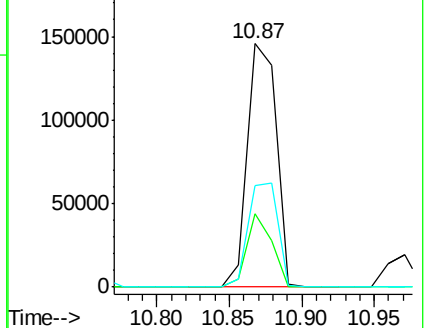
215 42.0 27.2 67.2

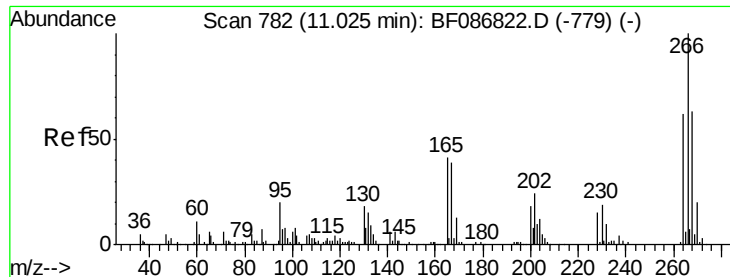


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

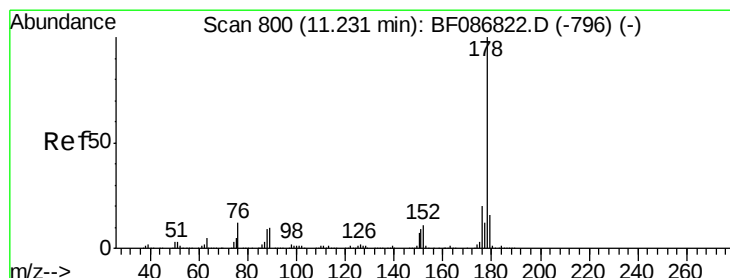
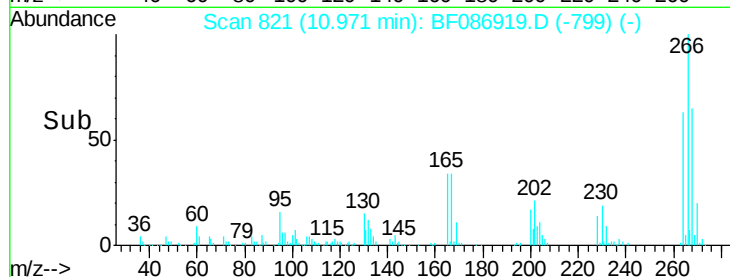
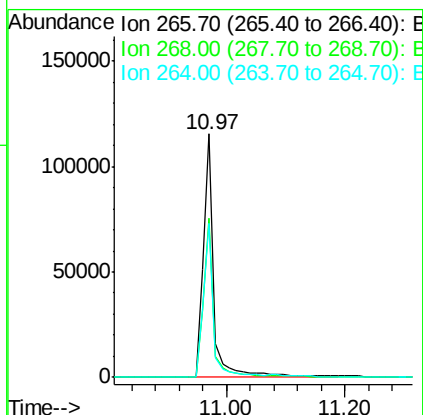
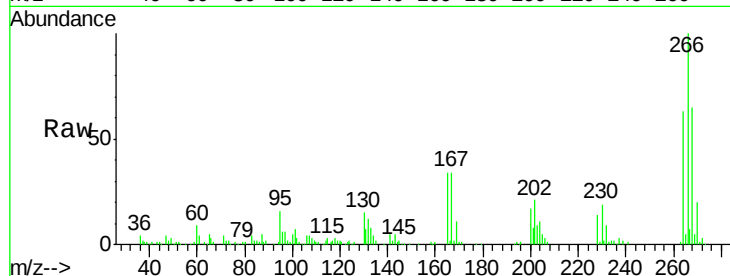




#69
 Pentachlorophenol
 Concen: 43.47 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

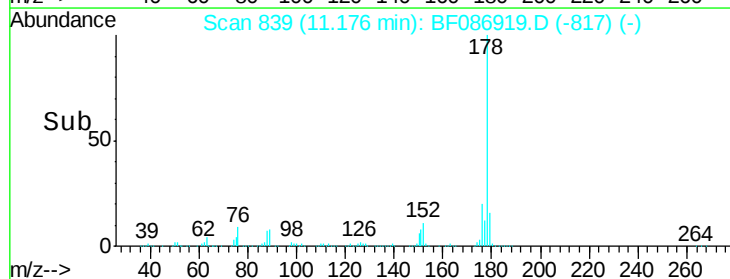
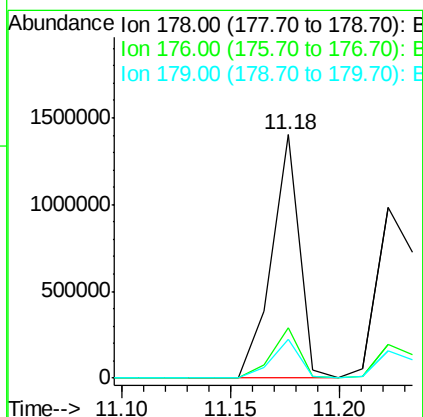
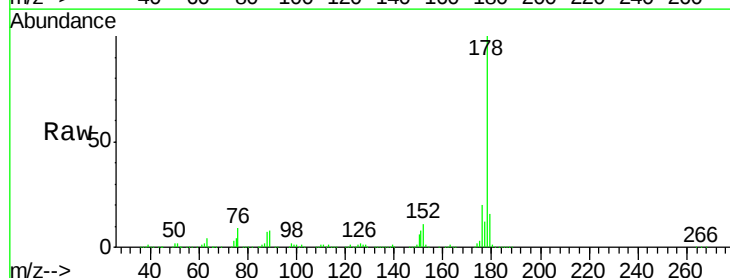
Instrument :
 BNA_F
 ClientSampleId :

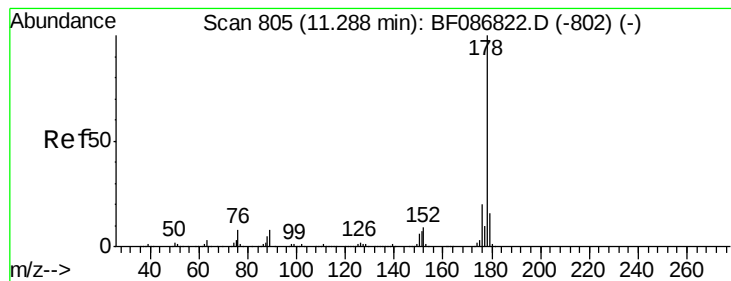
Tot Ion:266 Resp: 147362
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.5 77.3
 264 63.1 52.9 79.3



#70
 Phenanthrene
 Concen: 38.36 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion:178 Resp: 1267302
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 15.8 12.6 18.8





#71

Anthracene

Concen: 36.48 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.07 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

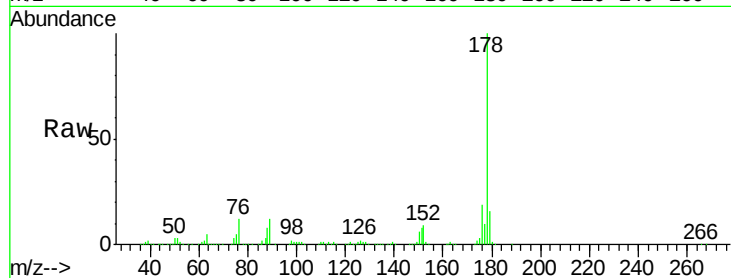
Tot Ion:178 Resp: 1232567

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

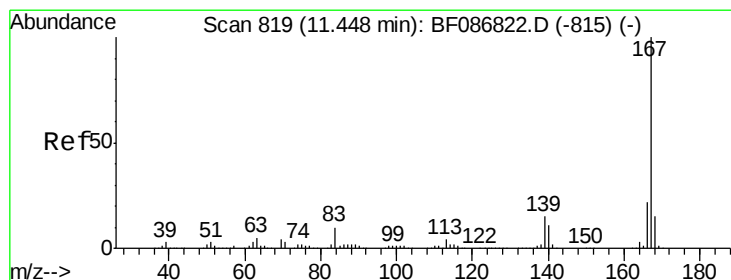
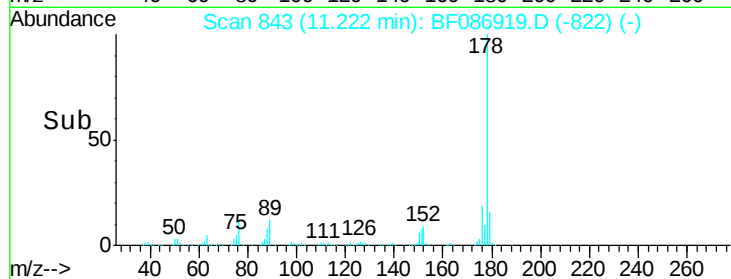
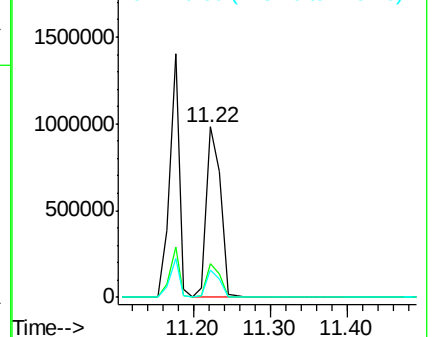
179 16.2 12.7 19.1



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: 41.77 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

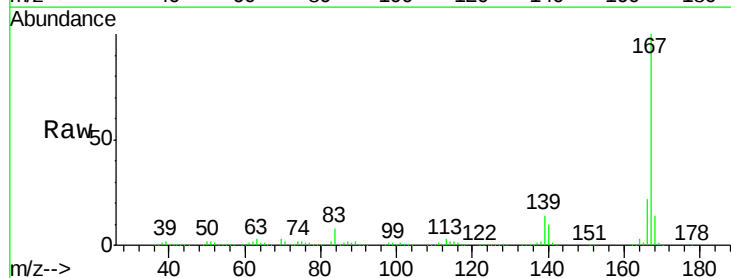
Tgt Ion:167 Resp: 1213198

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

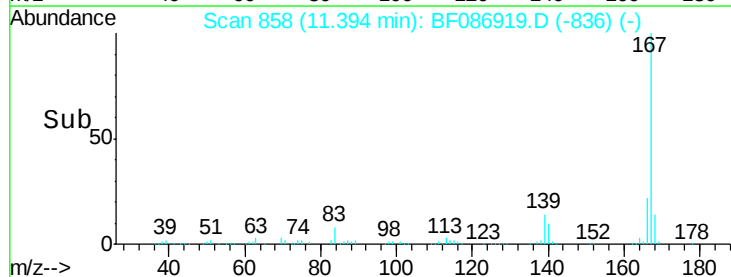
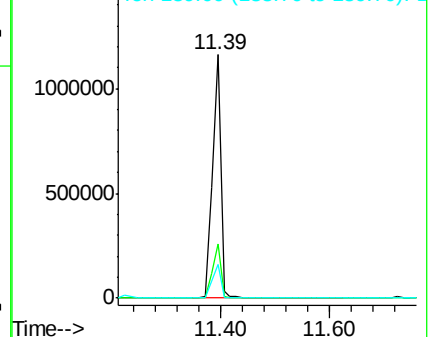
139 13.6 10.8 16.2

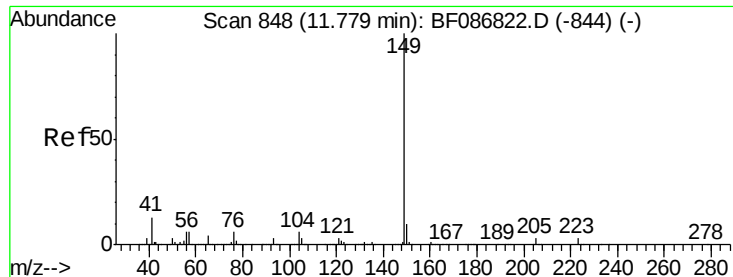


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.41 ng

RT: 11.73 min Scan# 887

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

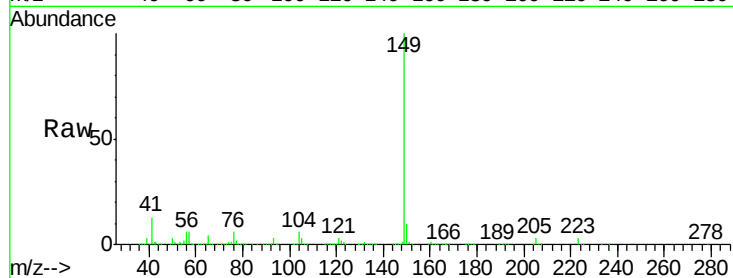
Tot Ion:149 Resp: 1397946

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

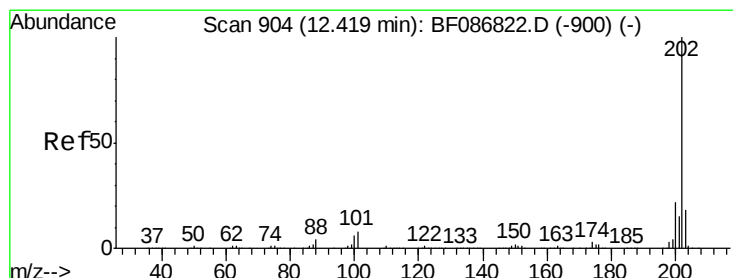
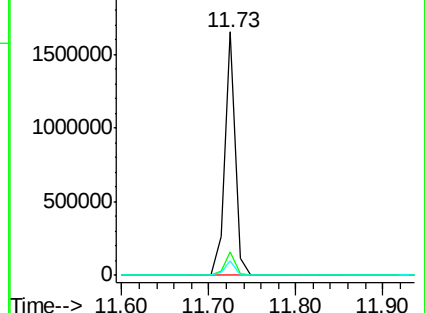
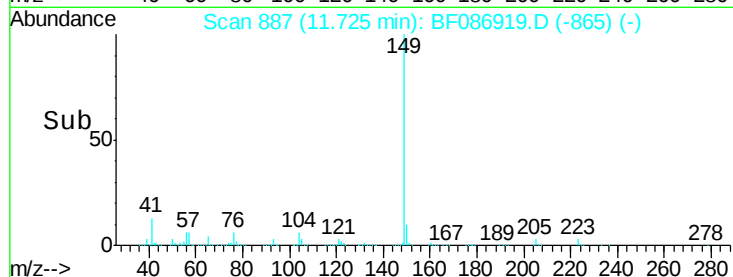
104 6.1 3.8 5.6#



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: 36.64 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.07 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

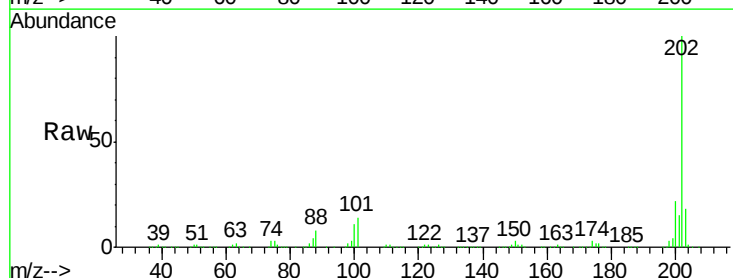
Tgt Ion:202 Resp: 1245178

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.4

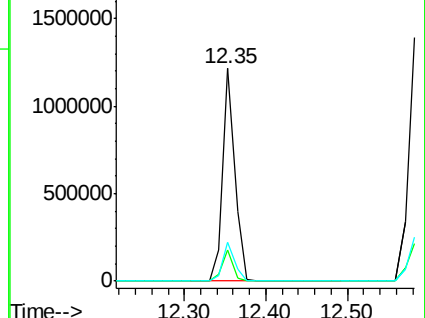
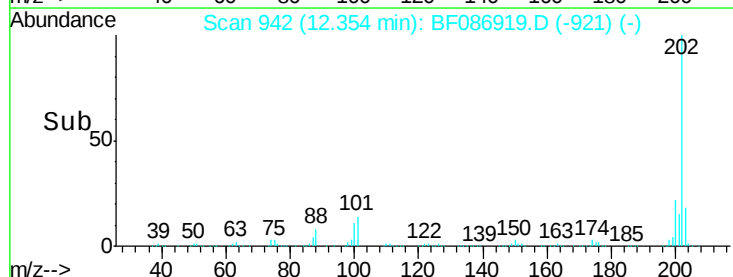
203 18.3 0.0 38.1

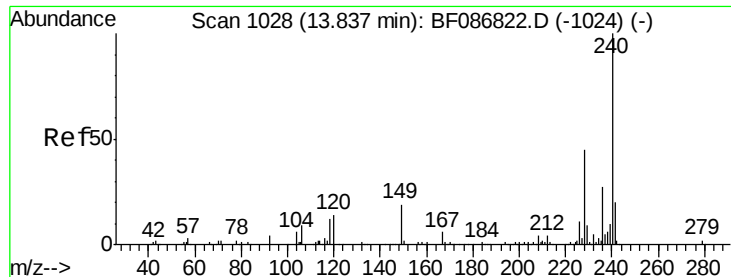


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

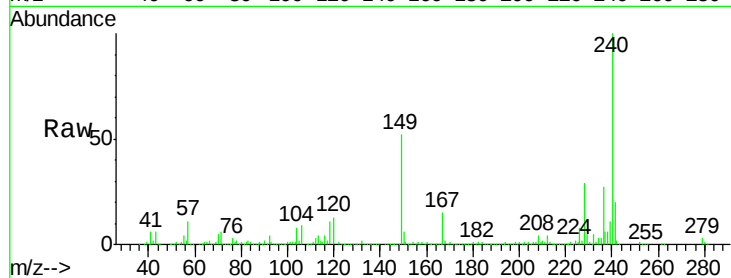
Tot Ion:240 Resp: 545325

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

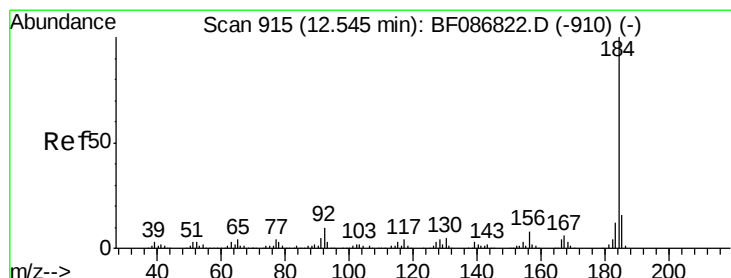
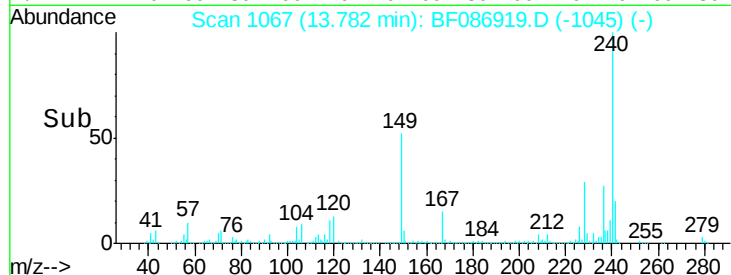
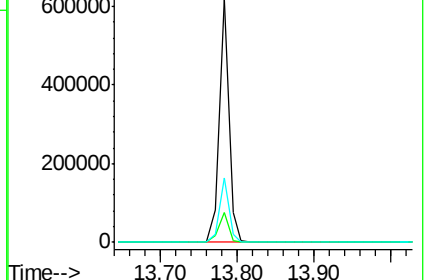
236 26.7 21.2 31.8



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: 43.00 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

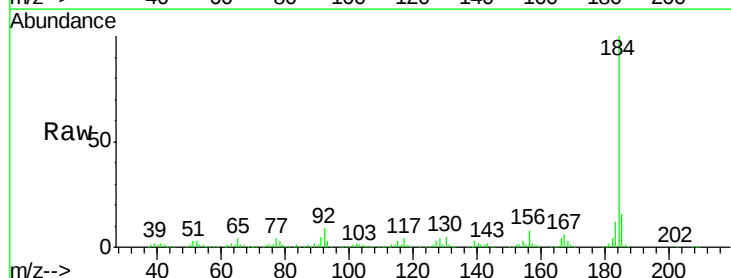
Tgt Ion:184 Resp: 597754

Ion Ratio Lower Upper

184 100

185 15.8 13.6 20.4

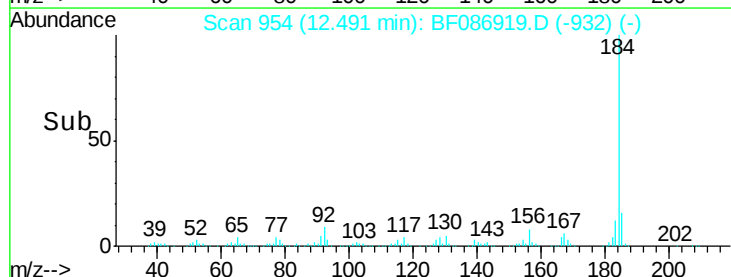
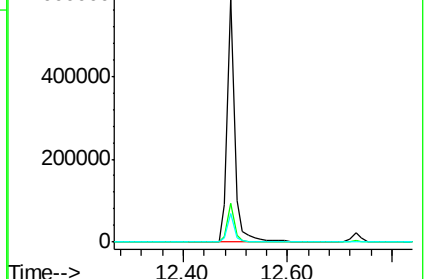
183 11.8 9.8 14.6

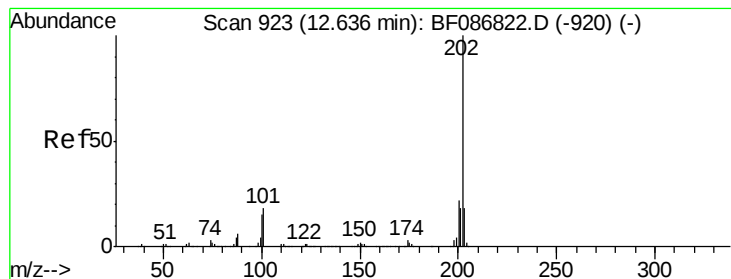


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.41 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

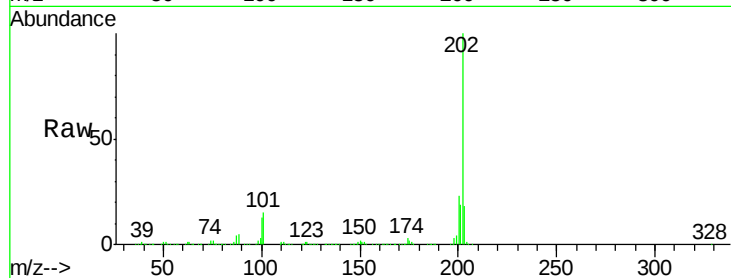
Tot Ion:202 Resp: 1311555

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

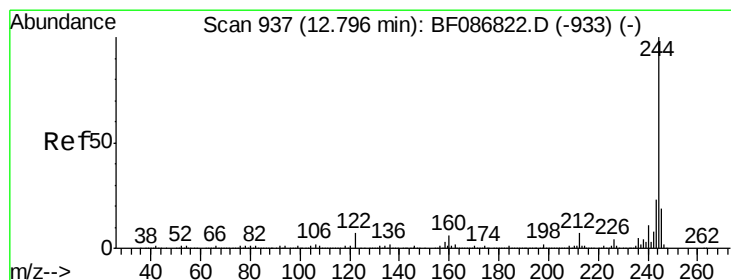
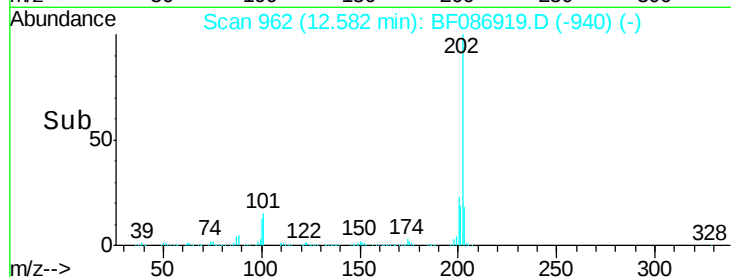
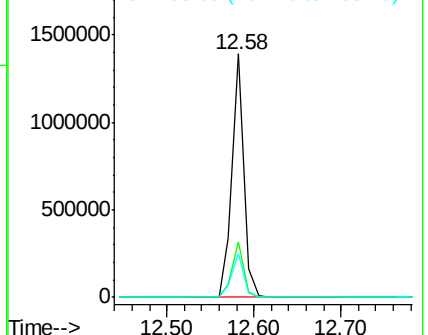
203 18.1 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.95 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.07 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

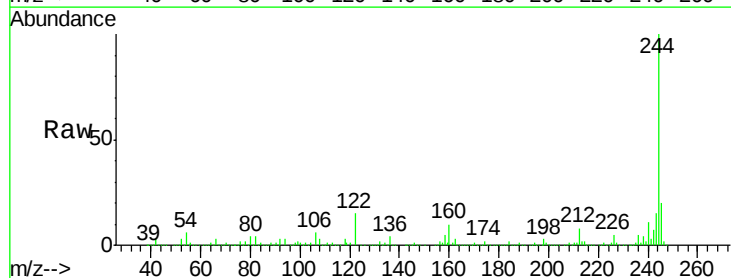
Tgt Ion:244 Resp: 1643717

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

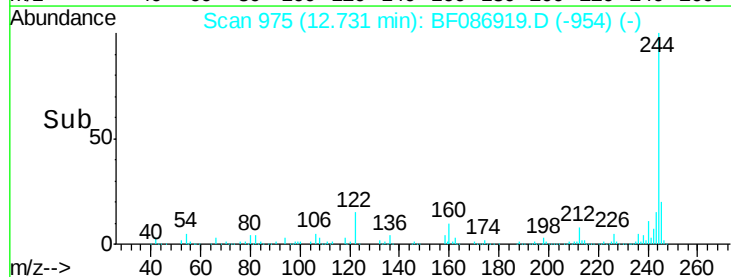
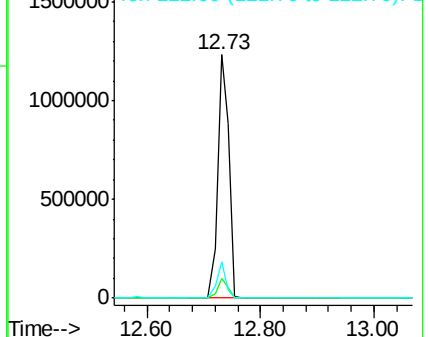
122 15.0 12.0 18.0

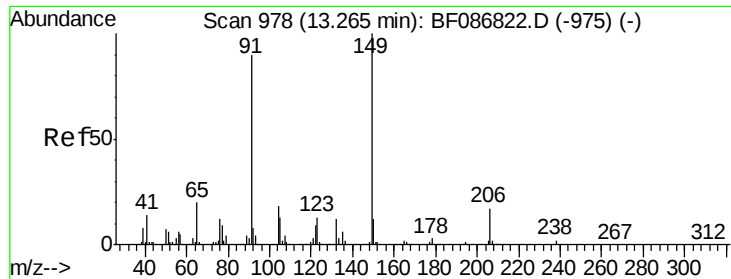


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

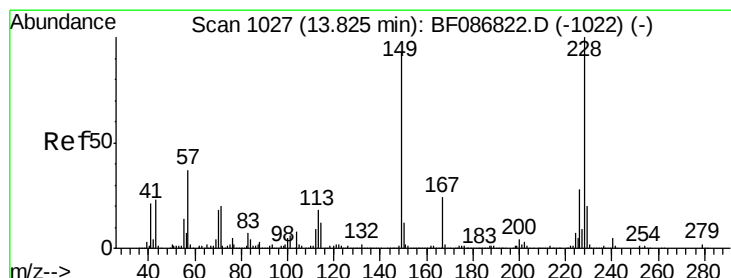
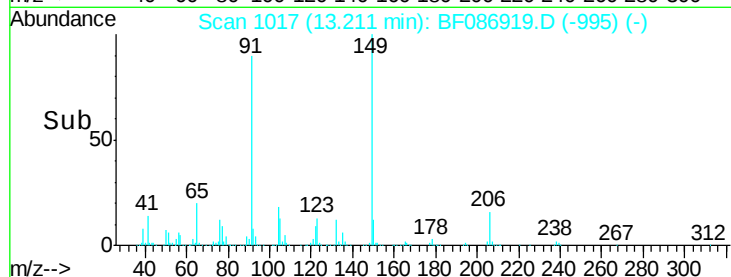
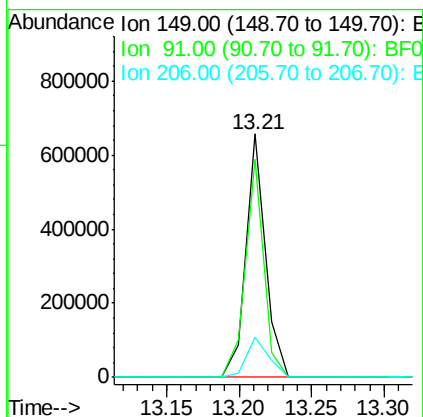
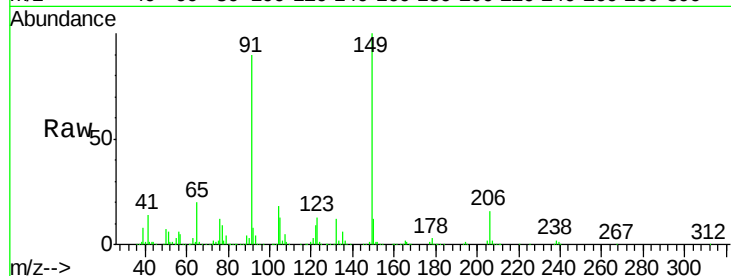




#79
Butylbenzylphthalate
Concen: 34.80 ng
RT: 13.21 min Scan# 1017
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

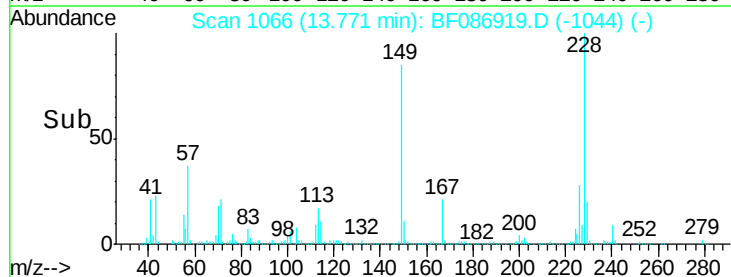
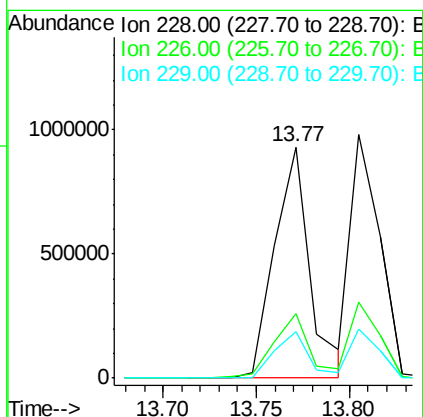
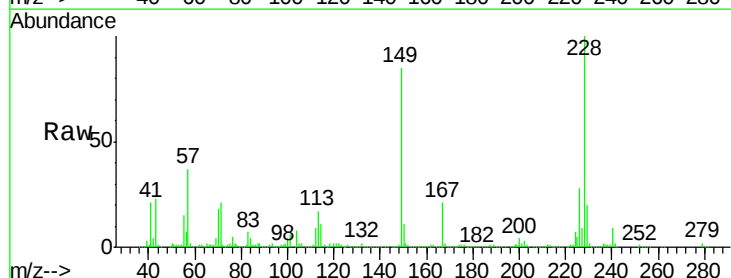
Instrument :
BNA_F
ClientSampleId :

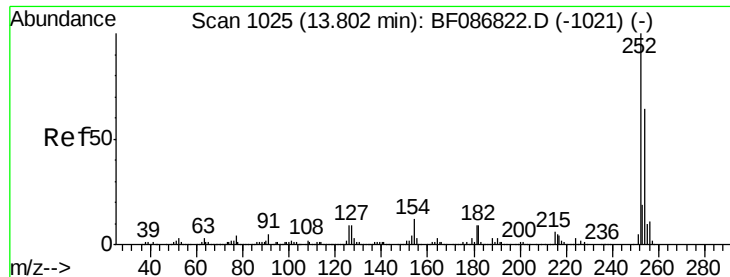
Tot Ion	Ratio	Lower	Upper
149	100		
91	89.6	48.0	72.0#
206	16.5	15.8	23.6



#80
Benzo(a)anthracene
Concen: 39.88 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.1	16.6	25.0

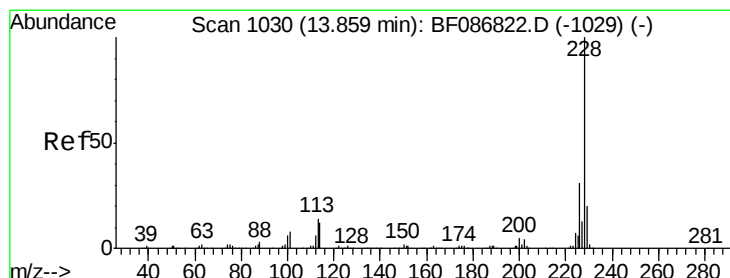
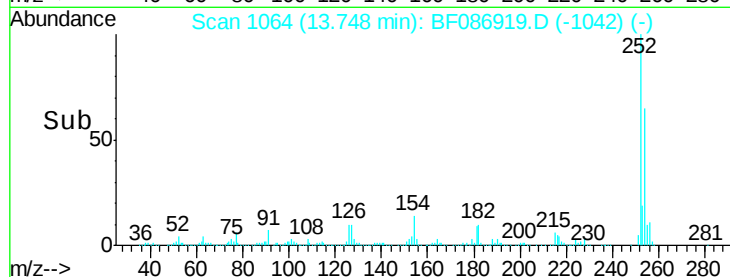
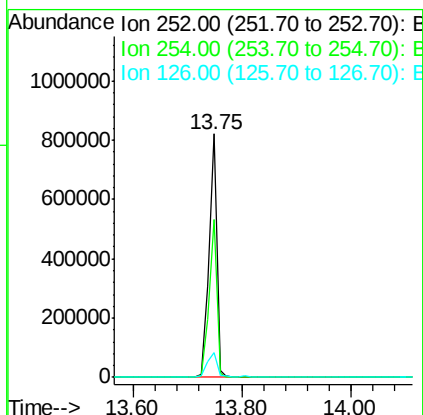
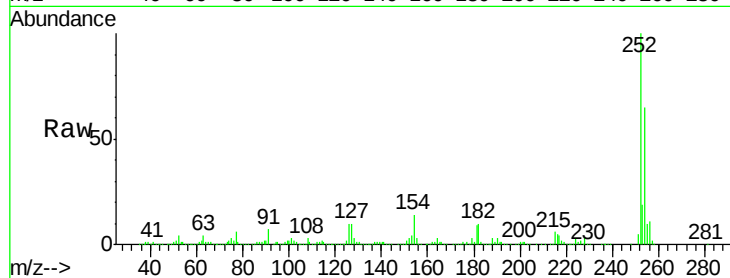




#81
 3,3'-Dichlorobenzidine
 Concen: 41.87 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

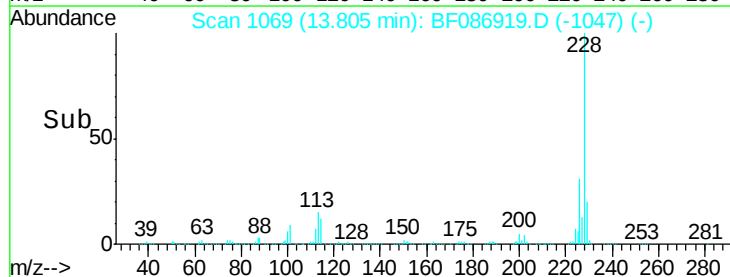
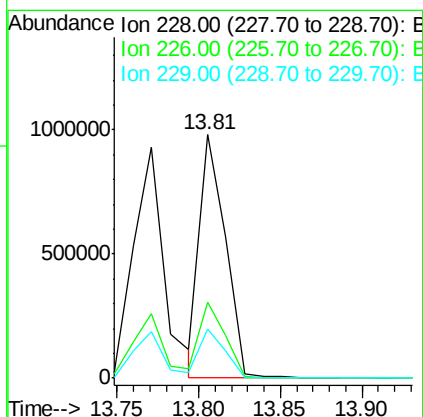
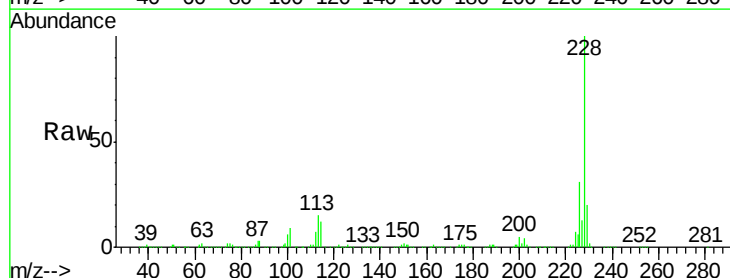
Instrument :
 BNA_F
 ClientSampleId :

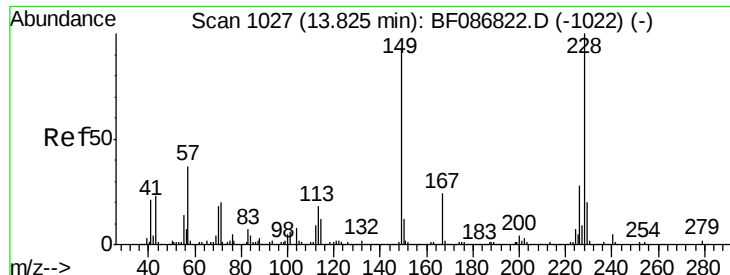
Tot Ion:252 Resp: 814358
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.7 76.1
 126 10.1 12.7 19.1#



#82
 Chrysene
 Concen: 34.66 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.05 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion:228 Resp: 1079329
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.3 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.06 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

Instrument :

BNA_F

ClientSampleId :

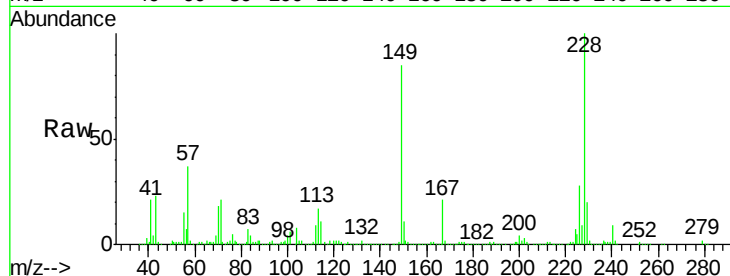
Tot Ion:149 Resp: 808442

Ion Ratio Lower Upper

149 100

167 24.8 21.8 32.6

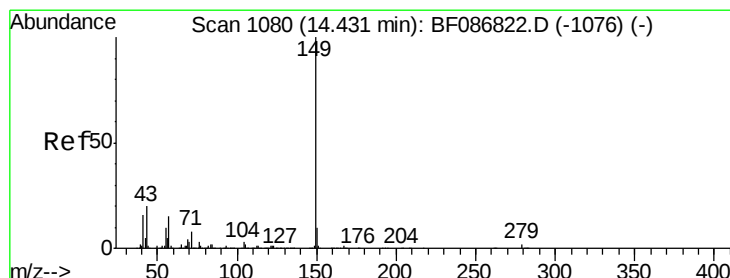
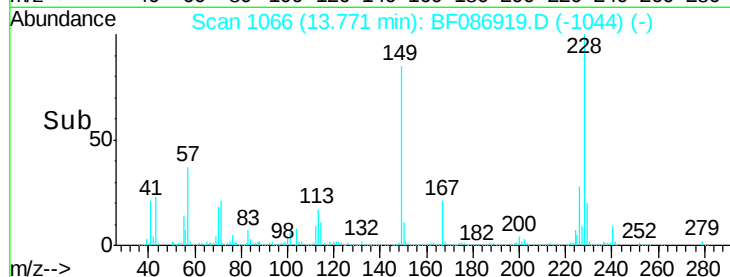
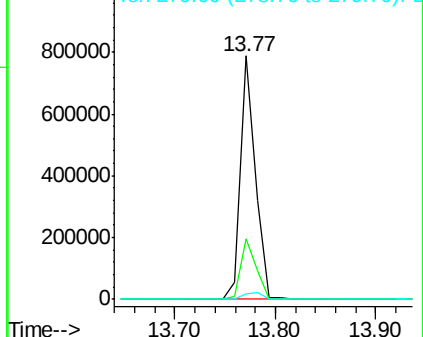
279 2.3 2.6 4.0#



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: 47.01 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.04 min

Lab File: BF086919.D

Acq: 12 May 2016 7:53

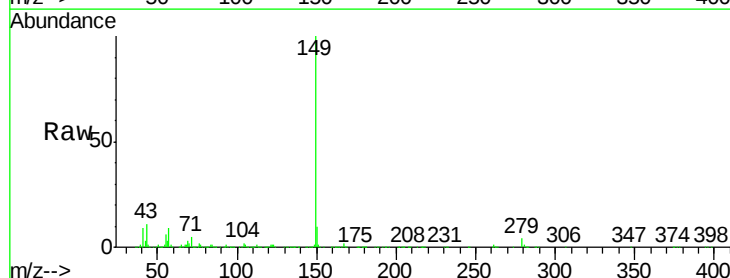
Tgt Ion:149 Resp: 1653976

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

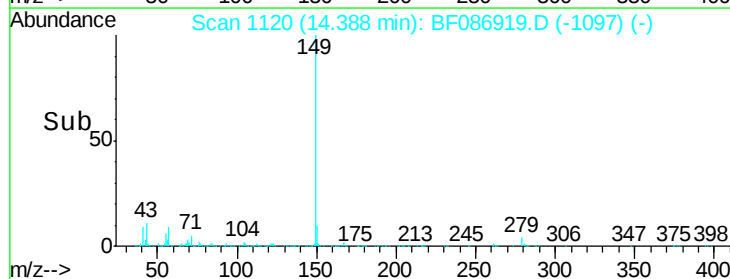
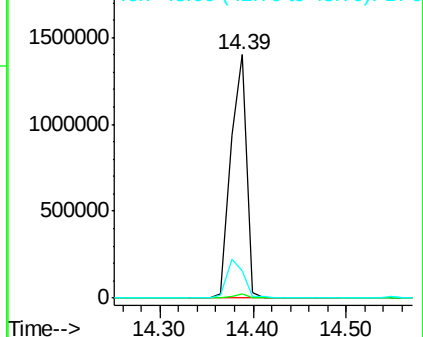
43 16.7 8.2 12.4#

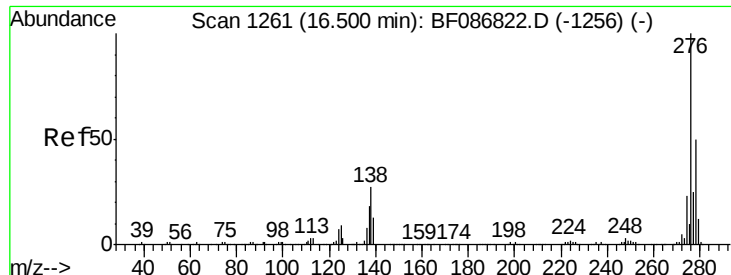


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

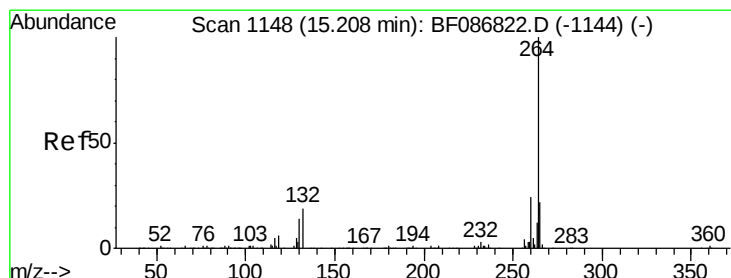
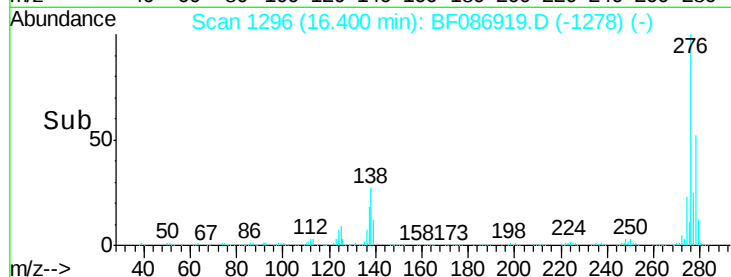
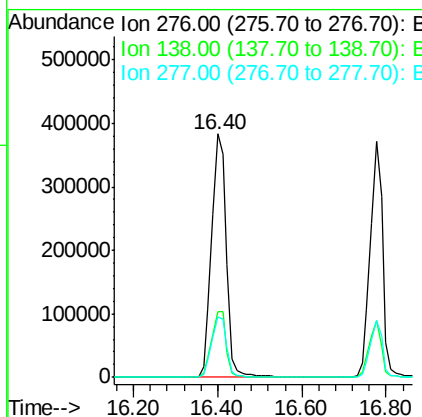
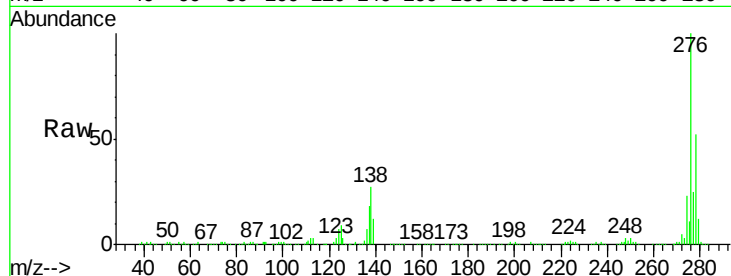




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.30 ng
 RT: 16.40 min Scan# 1296
 Delta R.T. -0.10 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

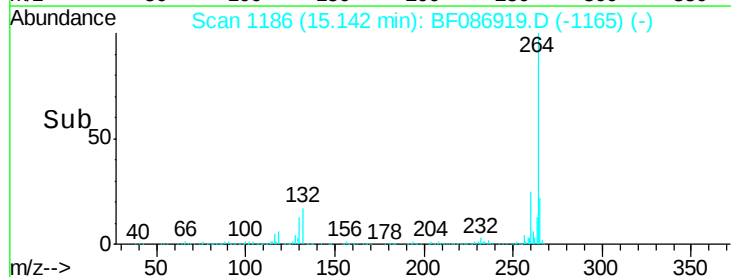
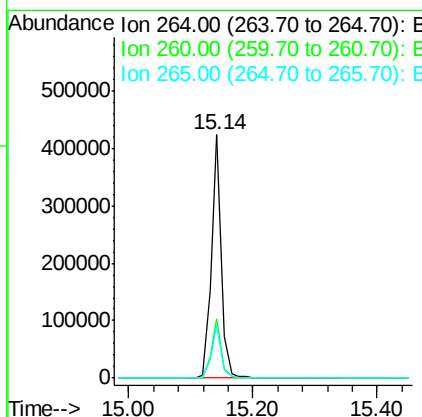
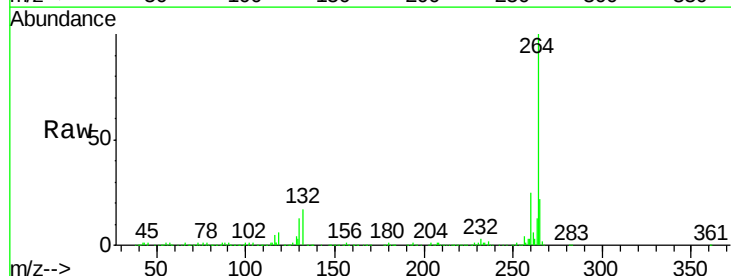
Instrument :
 BNA_F
 ClientSampled :

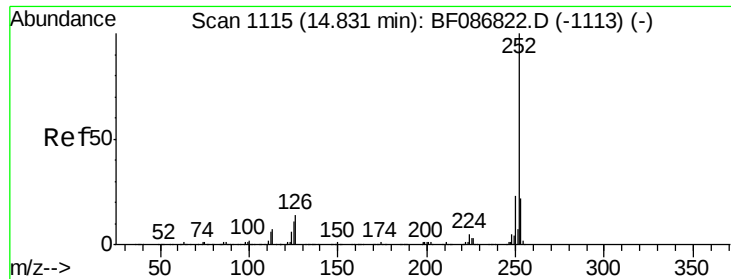
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. -0.07 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9

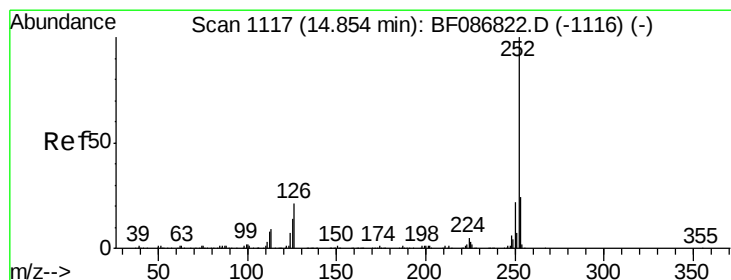
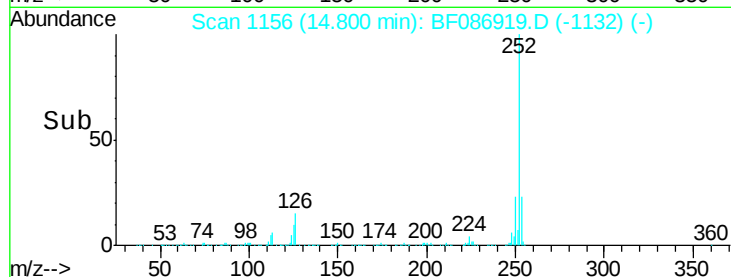
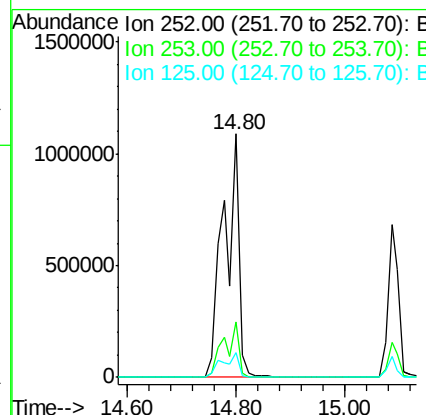
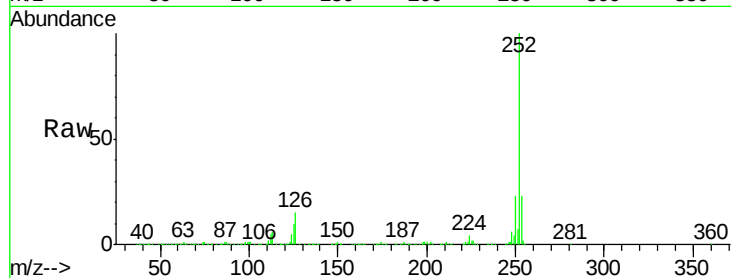




#87
Benzo(b)fluoranthene
Concen: 71.61 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

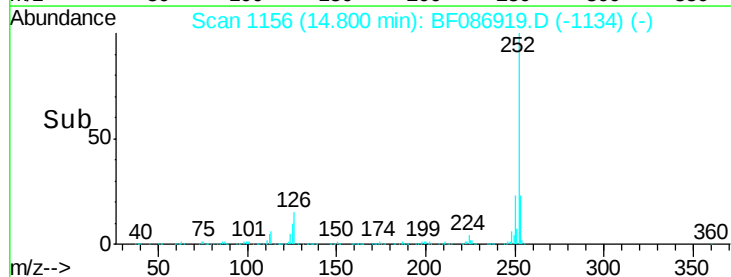
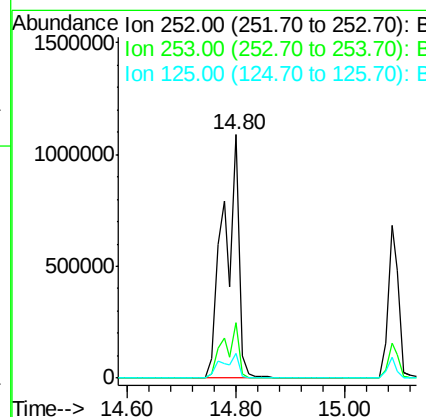
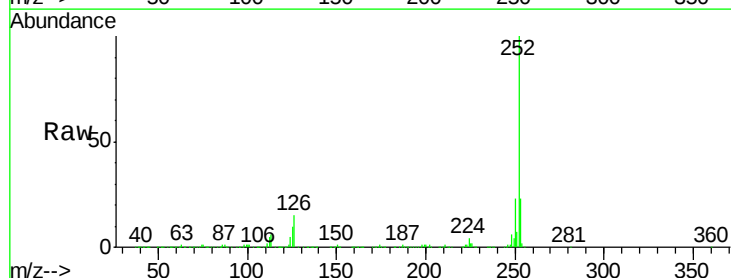
Instrument :
BNA_F
ClientSampleId :

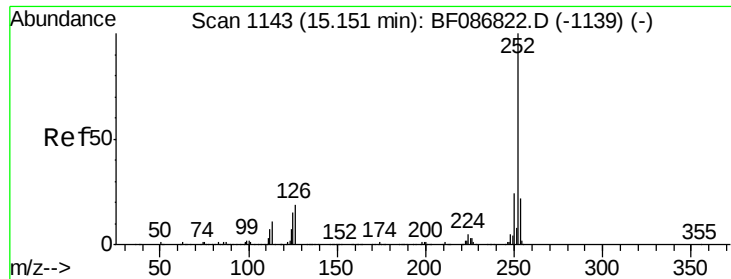
Tot Ion:252 Resp: 2152268
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.9 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 87.45 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion:252 Resp: 2152268
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.9 9.1 13.7

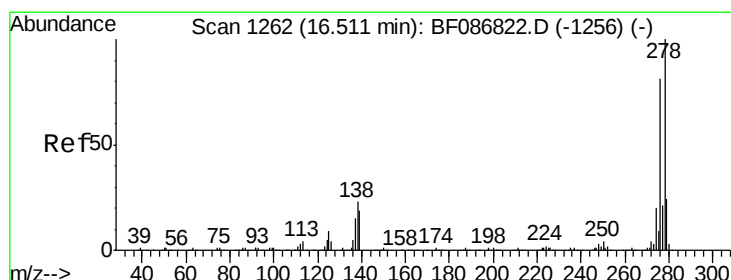
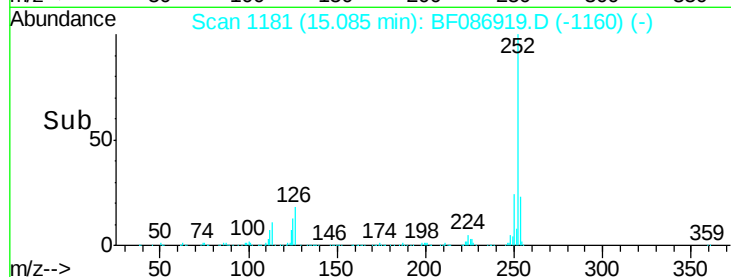
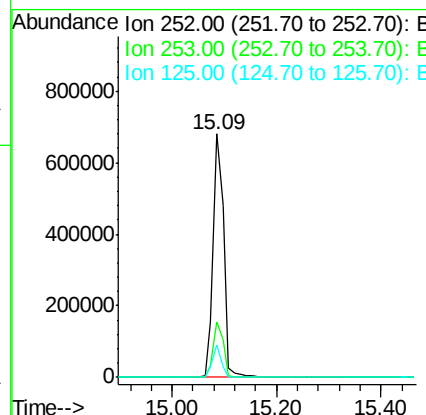
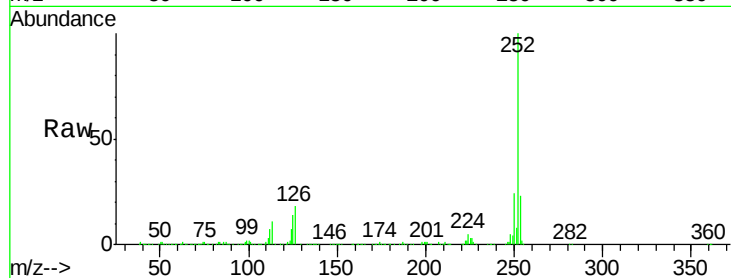




#89
Benzo(a)pyrene
Concen: 36.53 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.07 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

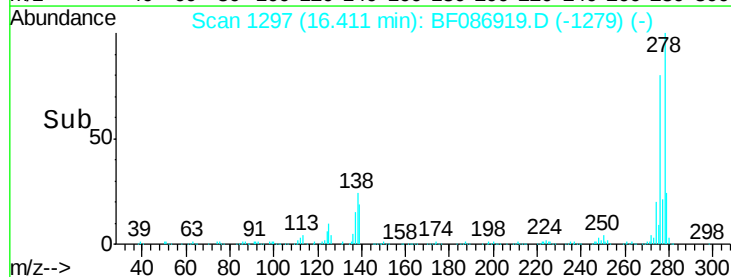
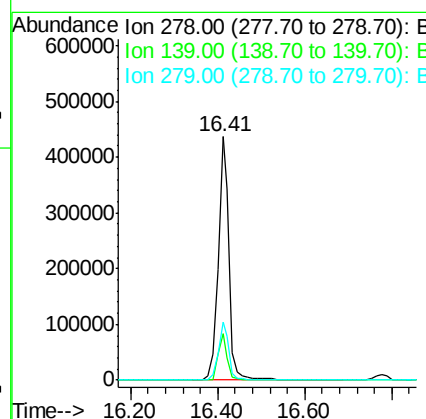
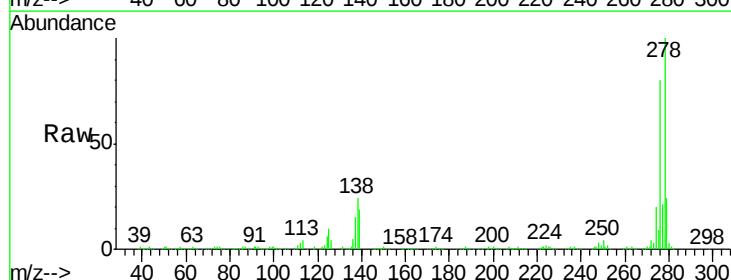
Instrument :
BNA_F
ClientSampled :

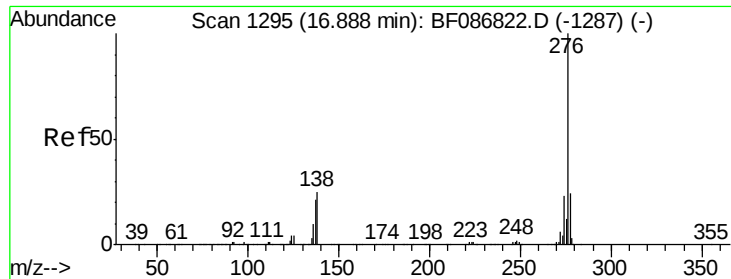
Tot Ion:252 Resp: 947028
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 13.5 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 35.66 ng
RT: 16.41 min Scan# 1297
Delta R.T. -0.10 min
Lab File: BF086919.D
Acq: 12 May 2016 7:53

Tgt Ion:278 Resp: 779101
Ion Ratio Lower Upper
278 100
139 19.3 16.6 24.8
279 24.1 19.6 29.4

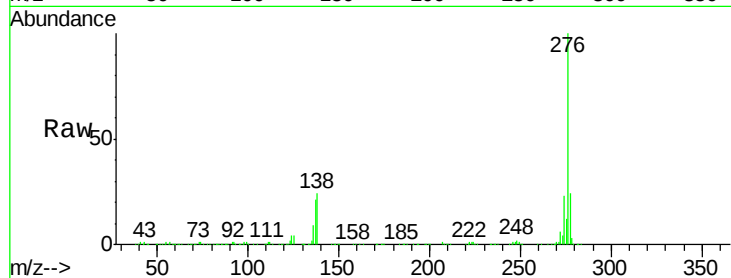




#91
 Benzo(a,h,i)perylene
 Concen: 34.72 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. -0.11 min
 Lab File: BF086919.D
 Acq: 12 May 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	24.0	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

