

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086826.D
 Acq On : 9 May 2016 15:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Quant Time: May 09 16:06:05 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	6.69	152	174995	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	744234	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	361509	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	663722	20.00	ng	0.00
75) Chrysene-d12	13.84	240	493762	20.00	ng	0.00
86) Perylene-d12	15.21	264	400991	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	841770	81.46	ng	0.00
7) Phenol-d6	6.36	99	1072849	77.69	ng	0.00
23) Nitrobenzene-d5	7.26	82	1138801	76.83	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	304789	79.64	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1507061	70.06	ng	0.00
78) Terphenyl-d14	12.80	244	1756237	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	201247	39.67	ng	# 72
3) Pyridine	2.85	79	538788	43.44	ng	# 59
4) n-Nitrosodimethylamine	2.81	42	367789	40.90	ng	# 49
6) Aniline	6.36	93	652284	39.05	ng	# 68
8) 2-Chlorophenol	6.49	128	478846	38.40	ng	99
9) Benzaldehyde	6.24	77	295193	36.91	ng	94
10) Phenol	6.37	94	608622	37.08	ng	79
11) bis(2-Chloroethyl)ether	6.44	93	518535	40.51	ng	93
12) 1,3-Dichlorobenzene	6.62	146	500189	37.07	ng	# 89
13) 1,4-Dichlorobenzene	6.70	146	508427	36.95	ng	# 91
14) 1,2-Dichlorobenzene	6.86	146	483481	40.31	ng	99
15) Benzyl Alcohol	6.85	79	379066	39.75	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1027892	36.94	ng	60
17) 2-Methylphenol	6.98	107	396953	40.01	ng	# 84
18) Hexachloroethane	7.21	117	197465	38.14	ng	# 78
19) n-Nitroso-di-n-propylamine	7.13	70	404087	41.87	ng	# 76
20) 3+4-Methylphenols	7.14	107	516457	39.85	ng	# 57
22) Acetophenone	7.12	105	670453	38.14	ng	# 98
24) Nitrobenzene	7.29	77	597164	39.17	ng	98
25) Isophorone	7.53	82	1020359	37.10	ng	98
26) 2-Nitrophenol	7.61	139	272344	40.64	ng	97
27) 2,4-Dimethylphenol	7.65	122	395488	34.64	ng	88
28) bis(2-Chloroethoxy)methane	7.74	93	594320	40.07	ng	98
29) 2,4-Dichlorophenol	7.86	162	379566	37.77	ng	91
30) 1,2,4-Trichlorobenzene	7.93	180	430508	38.32	ng	99
31) Naphthalene	8.01	128	1405057	37.69	ng	100
32) Benzoic acid	7.81	122	292695	43.65	ng	# 80
33) 4-Chloroaniline	8.06	127	576228	39.78	ng	# 92
34) Hexachlorobutadiene	8.12	225	247759	38.01	ng	99
35) Caprolactam	8.45	113	126900	37.12	ng	# 50
36) 4-Chloro-3-methylphenol	8.57	107	463421	38.03	ng	96
37) 2-Methylnaphthalene	8.69	142	867551	39.81	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	384794	36.61	ng	99
40) Hexachlorocyclopentadiene	8.84	237	194070	38.90	ng	97

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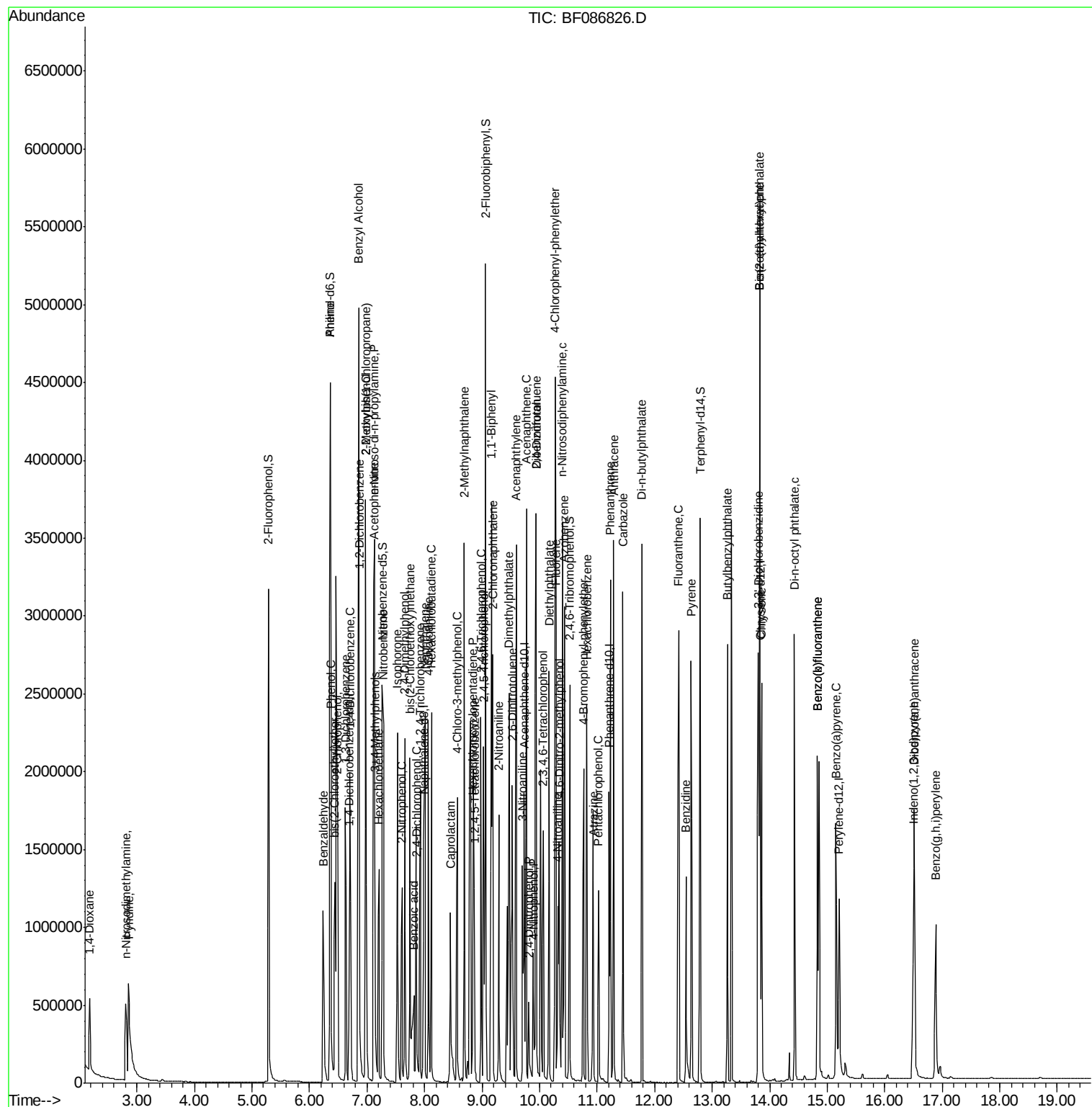
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	263106	37.43	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	286915	39.47	nq #	88
45) 1,1'-Biphenyl	9.16	154	1184387	41.19	nq	98
46) 2-Chloronaphthalene	9.18	162	904964	40.17	nq	99
47) 2-Nitroaniline	9.29	65	308998	37.53	nq #	73
48) Acenaphthylene	9.60	152	1367186	41.26	nq	99
49) Dimethylphthalate	9.47	163	1029824	37.34	nq	100
50) 2,6-Dinitrotoluene	9.53	165	218596	37.66	nq #	70
51) Acenaphthene	9.77	154	861115	41.78	nq	98
52) 3-Nitroaniline	9.70	138	234580	38.39	nq #	76
53) 2,4-Dinitrophenol	9.81	184	104295	39.47	nq #	85
54) Dibenzofuran	9.94	168	1106024	41.80	nq	98
55) 4-Nitrophenol	9.89	139	157536	41.02	nq	85
56) 2,4-Dinitrotoluene	9.94	165	282872	39.38	nq	85
57) Fluorene	10.28	166	928962	41.17	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	220636	40.32	nq	98
59) Diethylphthalate	10.17	149	1077977	40.11	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	390532	38.32	nq	98
61) 4-Nitroaniline	10.32	138	247896	42.24	nq #	71
62) Azobenzene	10.43	77	1127392	38.88	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	157205	38.13	nq #	31
65) n-Nitrosodiphenylamine	10.40	169	775870	38.05	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	277346	41.21	nq #	85
67) Hexachlorobenzene	10.82	284	285072	36.25	nq #	71
68) Atrazine	10.93	200	271659	39.88	nq	96
69) Pentachlorophenol	11.02	266	158507	43.61	nq	96
70) Phenanthrene	11.23	178	1244515	35.14	nq	99
71) Anthracene	11.29	178	1463056	40.39	nq	100
72) Carbazole	11.45	167	1205263	38.70	nq	98
73) Di-n-butylphthalate	11.78	149	1489820	39.18	nq #	99
74) Fluoranthene	12.42	202	1496210	41.07	nq	93
76) Benzidine	12.54	184	544842	43.28	nq	99
77) Pyrene	12.64	202	1383006	36.59	nq	99
79) Butylbenzylphthalate	13.27	149	587006	36.71	nq #	67
80) Benzo(a)anthracene	13.83	228	1036508	37.39	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	703881	39.97	nq #	94
82) Chrysene	13.86	228	996875	35.36	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	713609	37.10	nq #	97
84) Di-n-octyl phthalate	14.43	149	1228162	38.55	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	886737	37.80	nq	95
87) Benzo(b)fluoranthene	14.83	252	1816997	69.72	nq #	96
88) Benzo(k)fluoranthene	14.83	252	1818125	85.20	nq	99
89) Benzo(a)pyrene	15.15	252	847586	37.71	nq #	96
90) Dibenzo(a,h)anthracene	16.51	278	726532	38.35	nq	98
91) Benzo(g,h,i)perylene	16.89	276	742202	38.56	nq	94

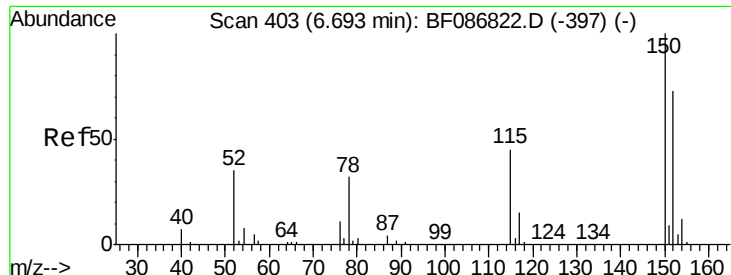
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

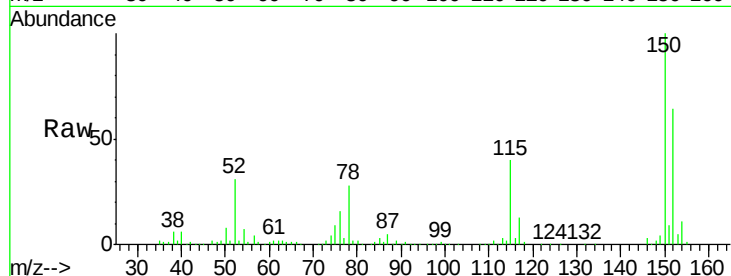
Tot Ion:152 Resp: 174995

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.6

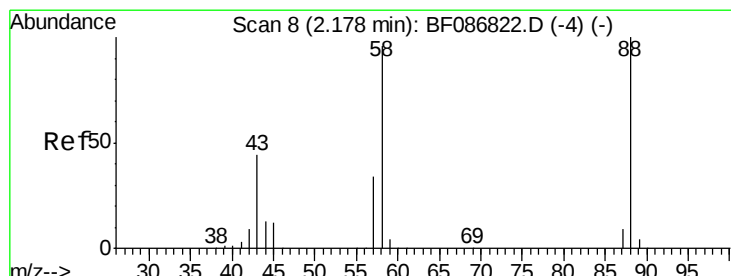
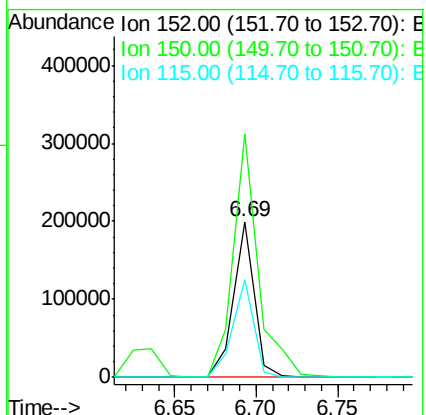
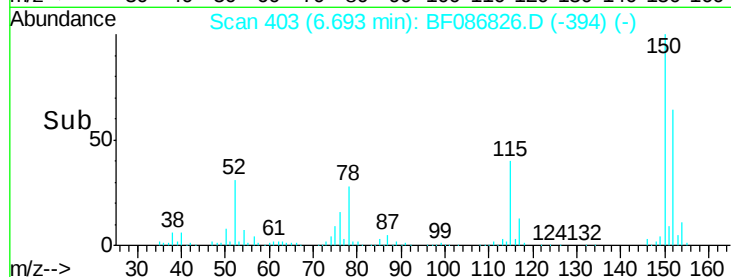
115 62.5 51.5 77.3



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: 39.67 ng

RT: 2.18 min Scan# 8

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

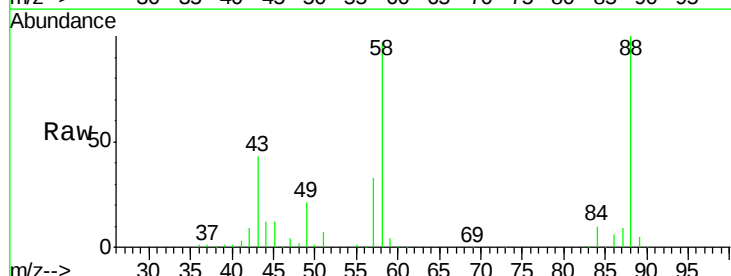
Tgt Ion: 88 Resp: 201247

Ion Ratio Lower Upper

88 100

58 97.6 59.6 89.4#

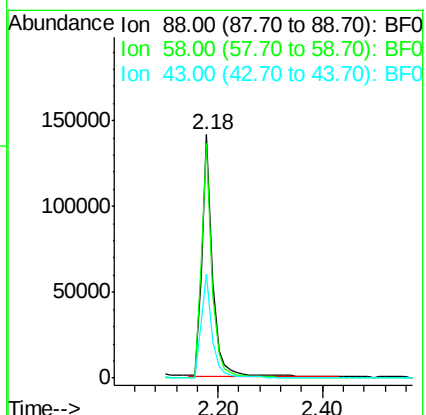
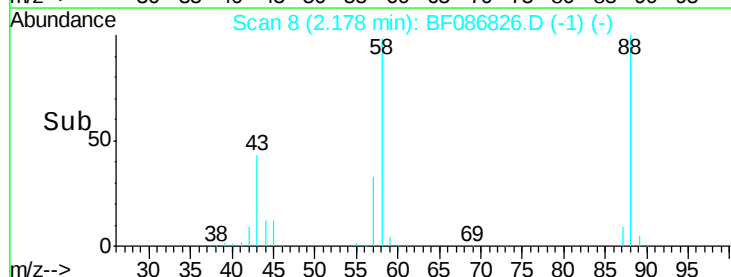
43 43.6 21.8 32.6#

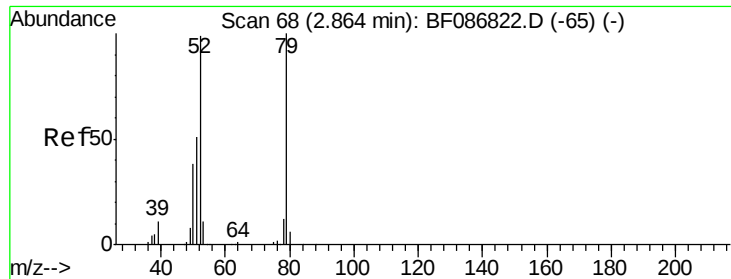


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.44 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF086826.D

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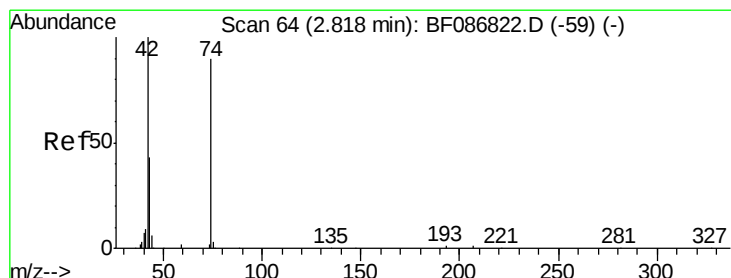
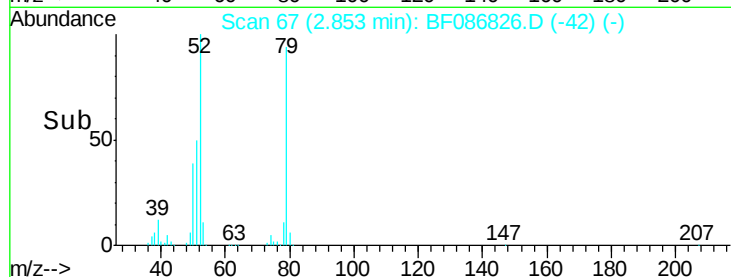
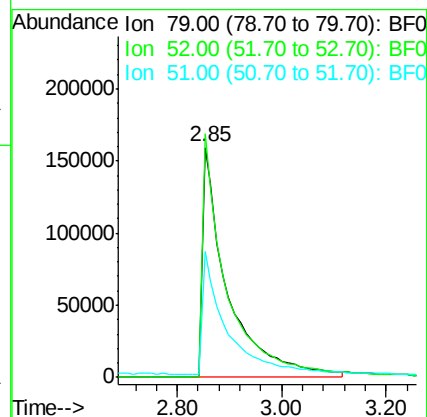
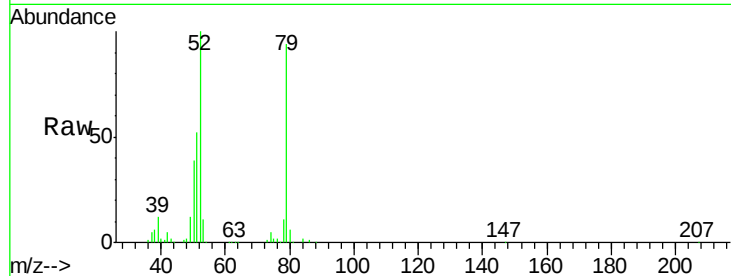
Tot Ion: 79 Resp: 538788

Ion Ratio Lower Upper

79 100

52 106.1 55.9 83.9#

51 55.1 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 40.90 ng

RT: 2.81 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

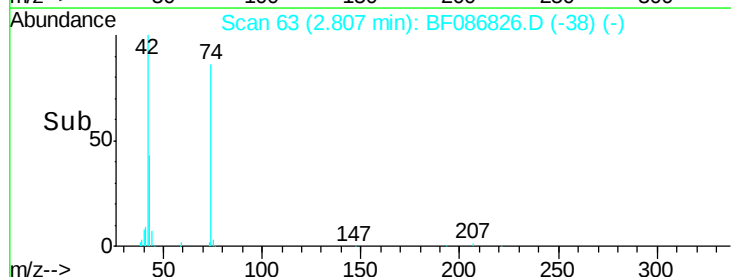
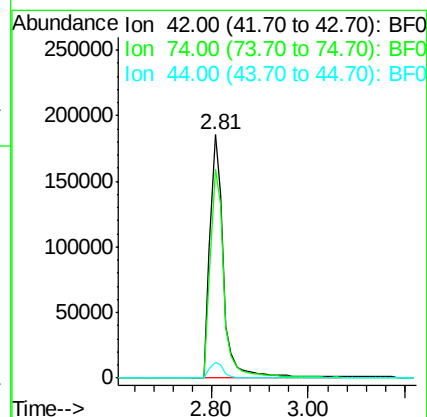
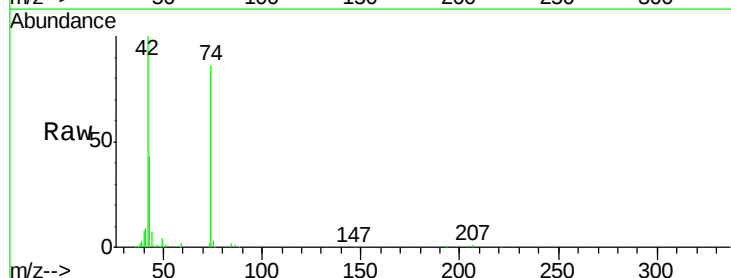
Tgt Ion: 42 Resp: 367789

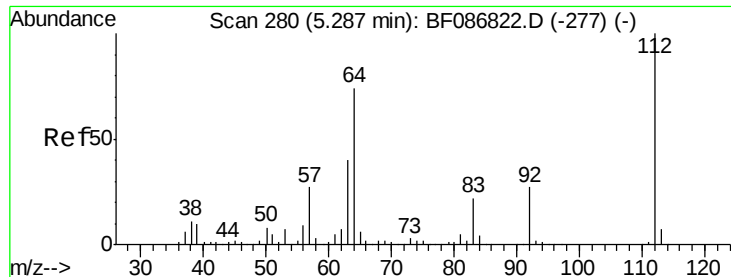
Ion Ratio Lower Upper

42 100

74 85.9 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 81.46 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

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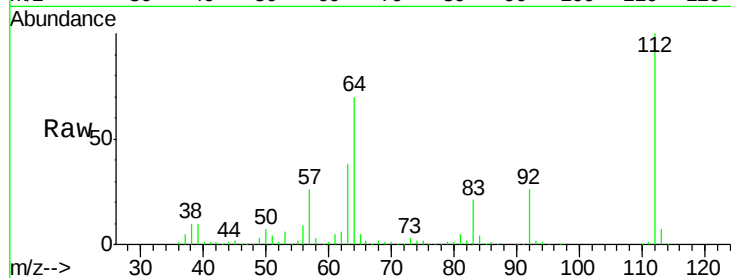
Tot Ion: 112 Resp: 841770

Ion Ratio Lower Upper

112 100

64 70.0 52.1 78.1

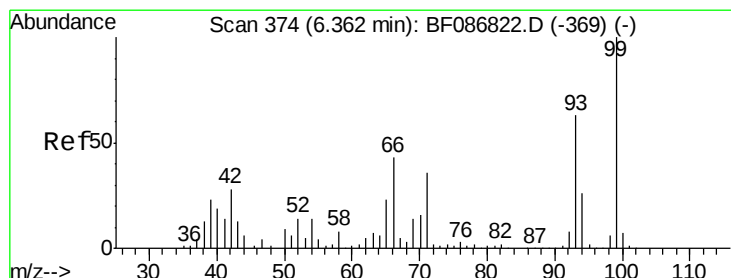
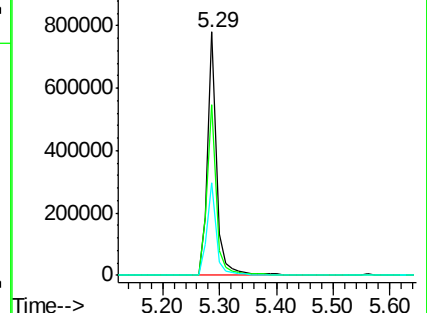
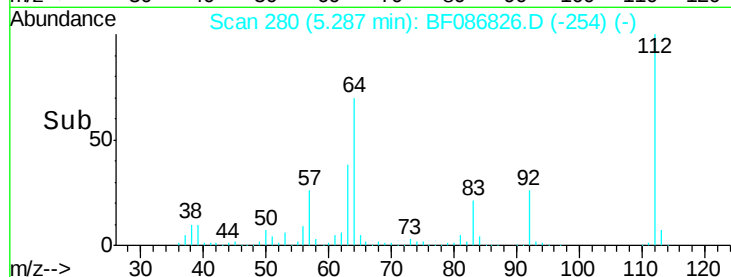
63 38.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.05 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

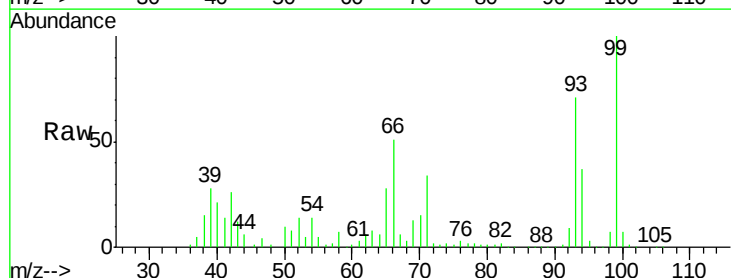
Tgt Ion: 93 Resp: 652284

Ion Ratio Lower Upper

93 100

66 72.3 39.0 58.6#

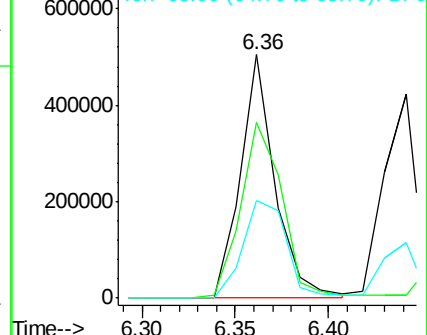
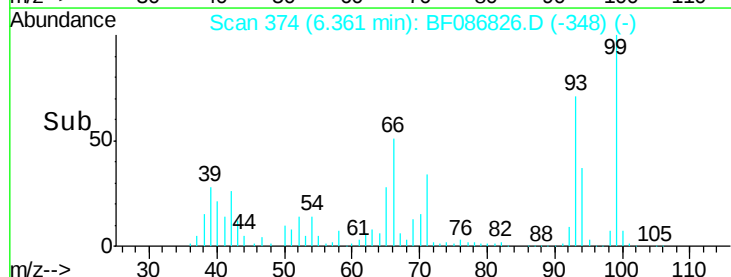
65 40.3 20.6 31.0#

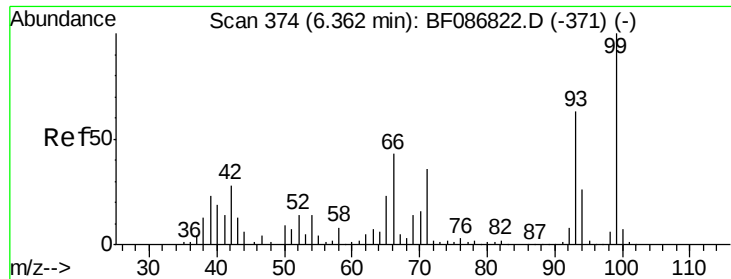


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.69 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

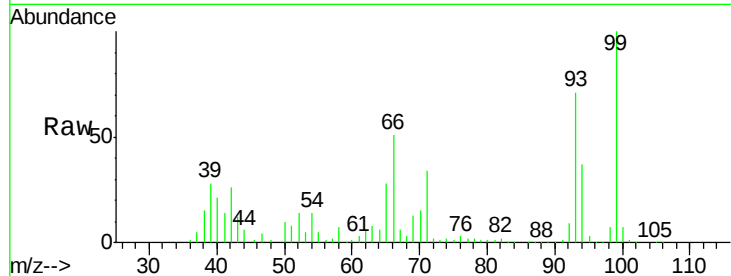
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1072849

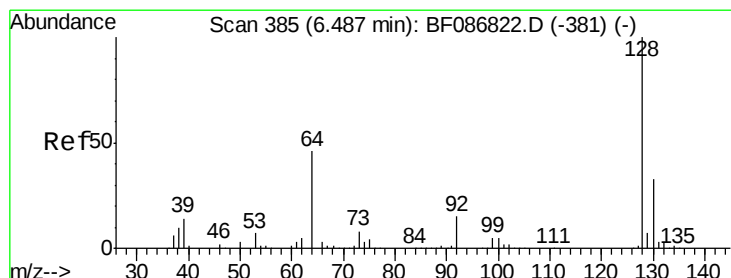
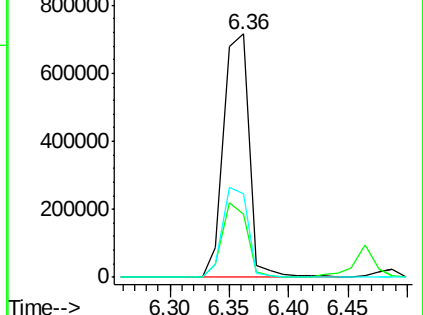
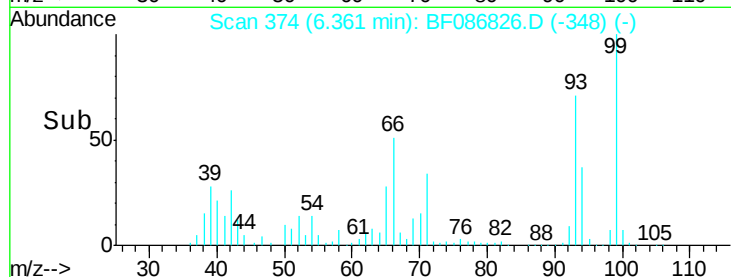
Ion	Ratio	Lower	Upper
99	100		
42	25.7	13.6	20.4#
71	34.3	24.6	36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.40 ng

RT: 6.49 min Scan# 385

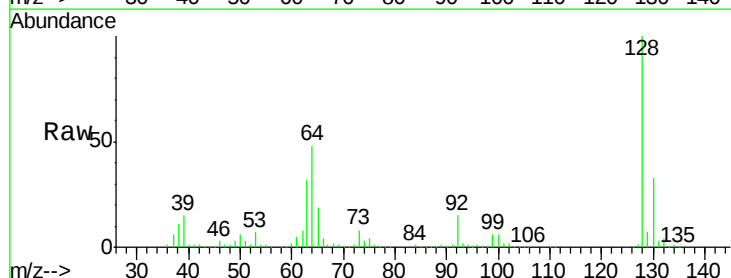
Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:128 Resp: 478846

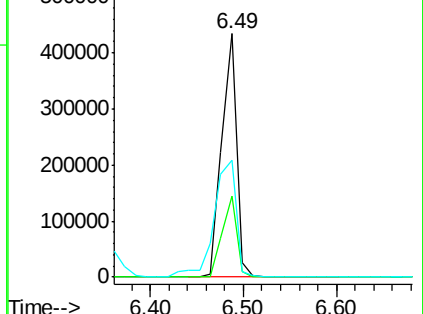
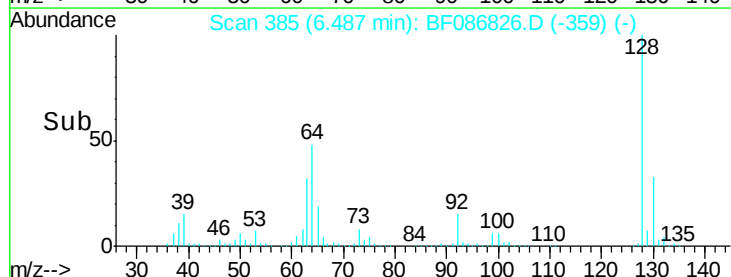
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	48.2	27.3	67.3

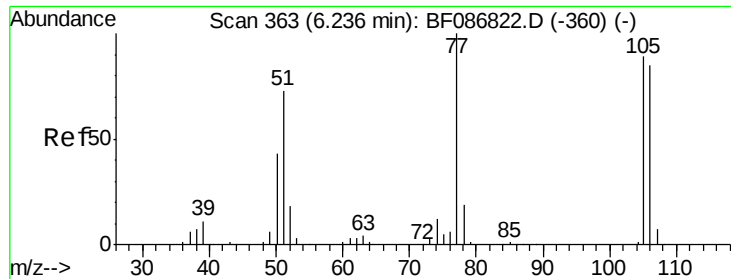


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.91 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

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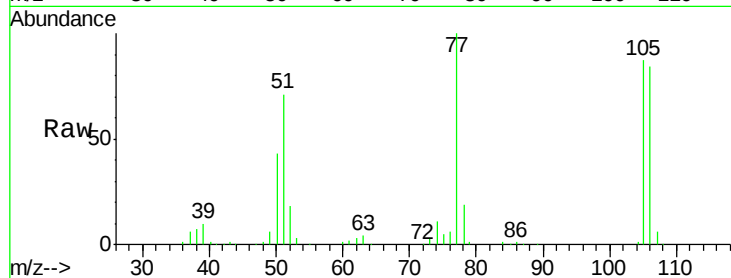
Tot Ion: 77 Resp: 295193

Ion Ratio Lower Upper

77 100

105 87.1 72.7 112.7

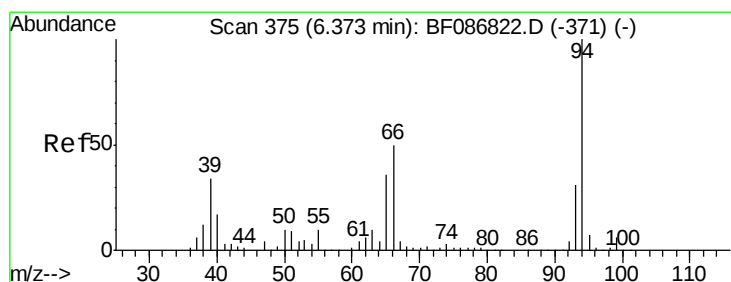
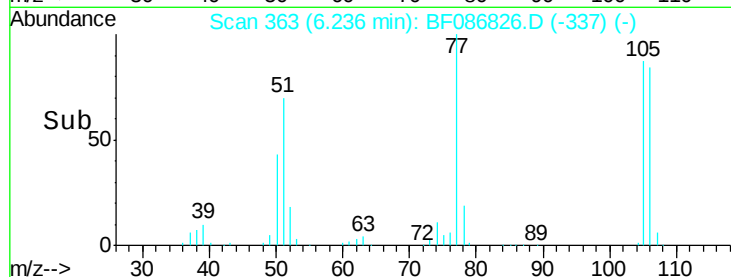
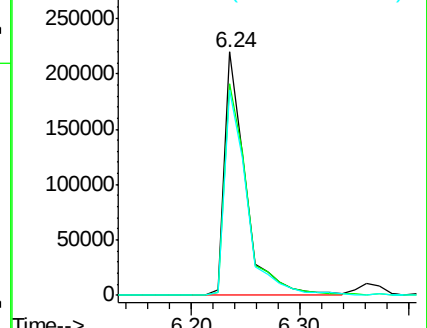
106 84.2 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.08 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

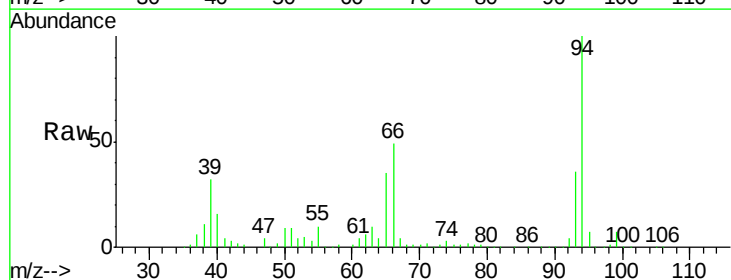
Tgt Ion: 94 Resp: 608622

Ion Ratio Lower Upper

94 100

65 34.9 7.2 47.2

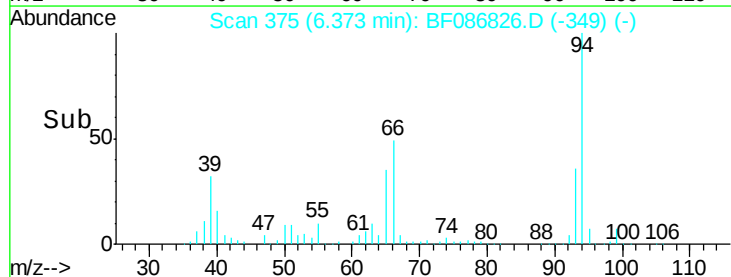
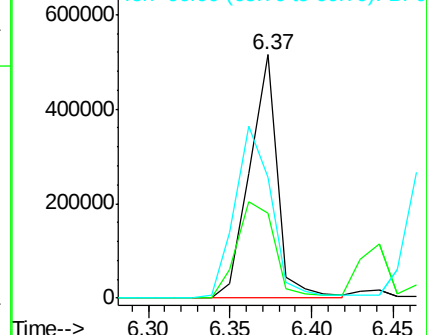
66 49.5 14.9 54.9

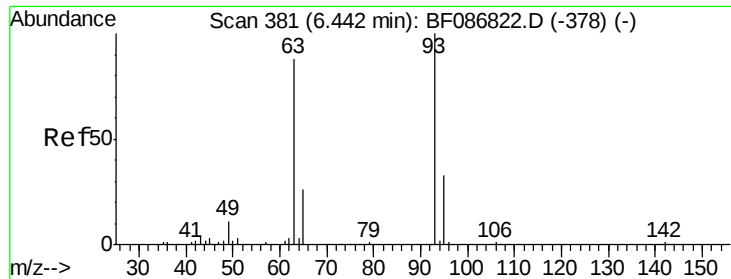


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.51 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

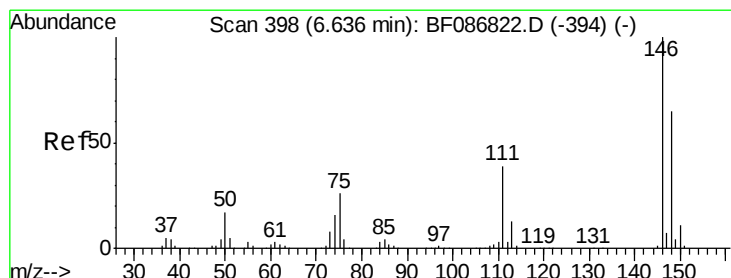
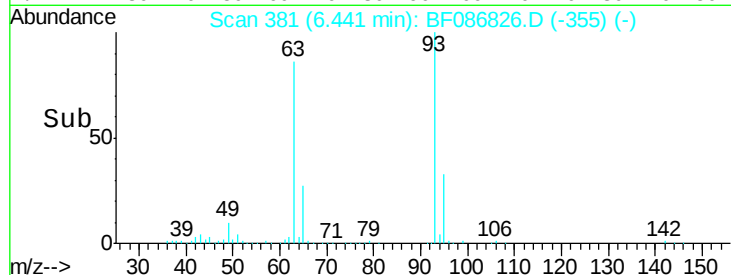
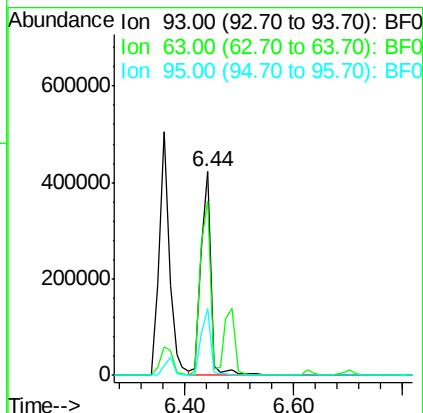
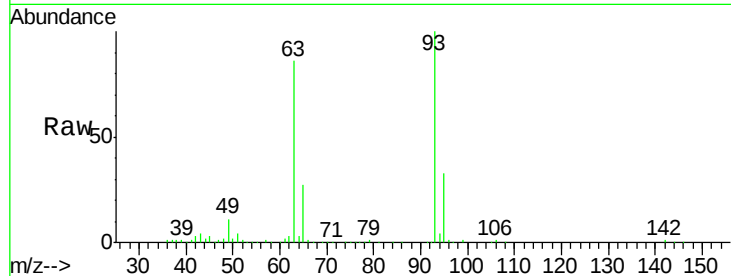
Tot Ion: 93 Resp: 518535

Ion Ratio Lower Upper

93 100

63 86.0 58.0 98.0

95 32.8 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.07 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

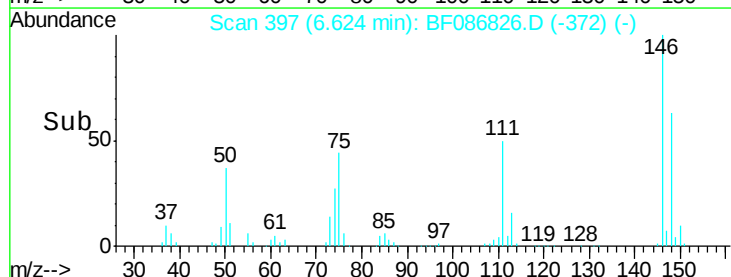
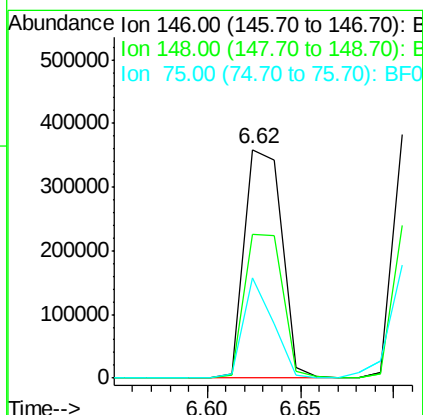
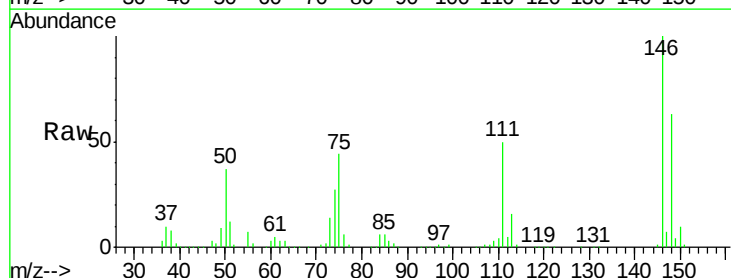
Tgt Ion: 146 Resp: 500189

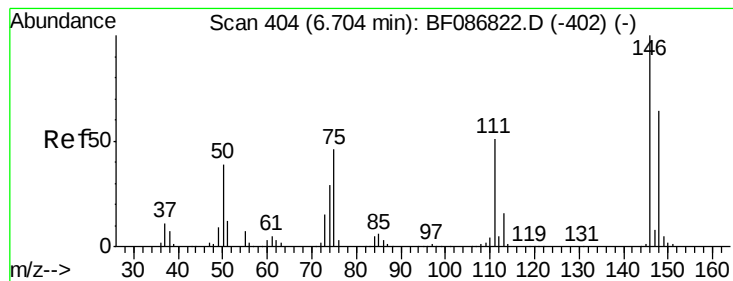
Ion Ratio Lower Upper

146 100

148 62.7 52.4 78.6

75 43.9 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 36.95 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

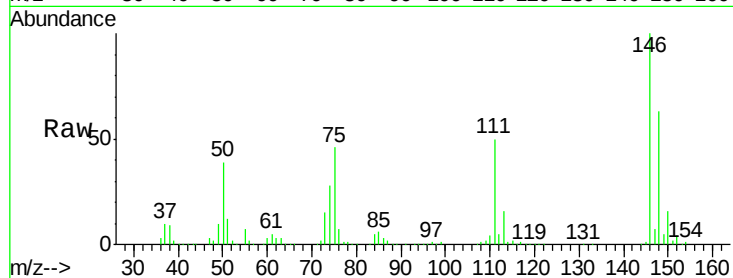
Tot Ion:146 Resp: 508427

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.4

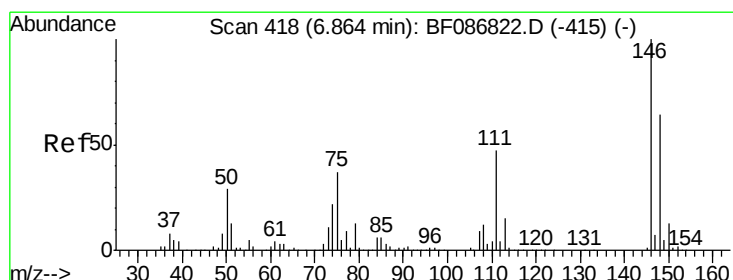
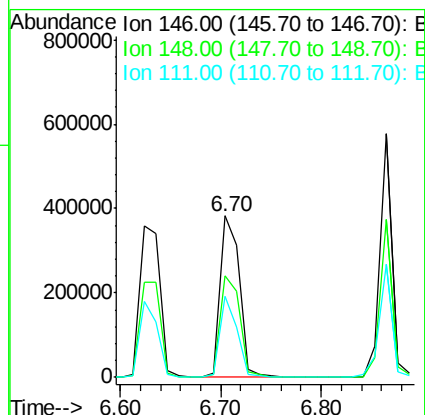
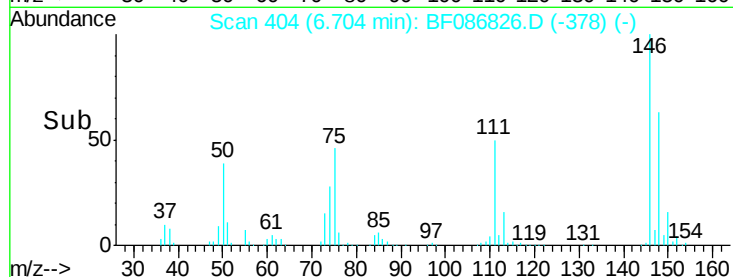
111 49.9 30.7 46.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.31 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

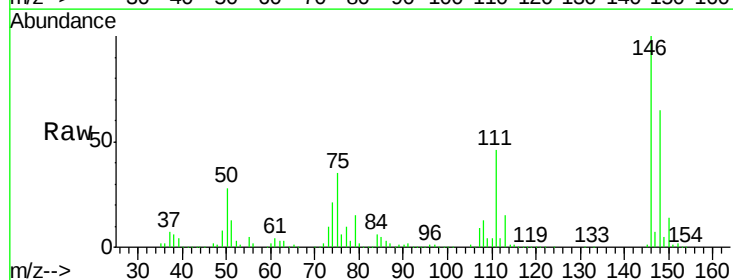
Tgt Ion:146 Resp: 483481

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

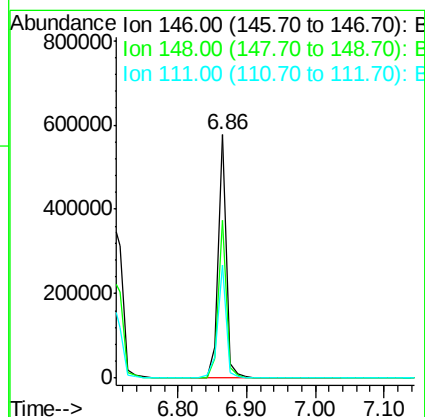
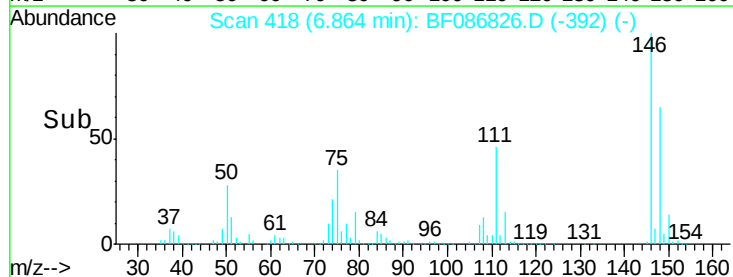
111 46.5 36.2 54.4

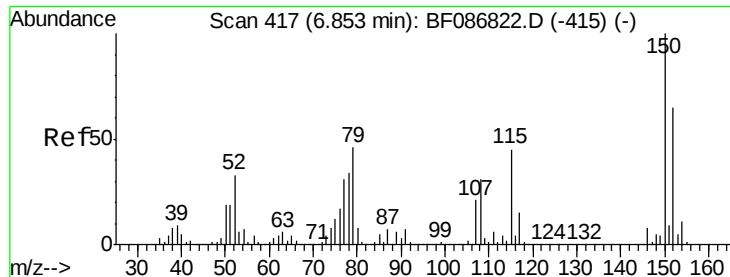


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

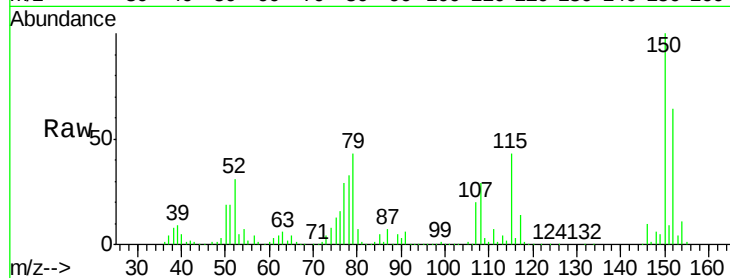




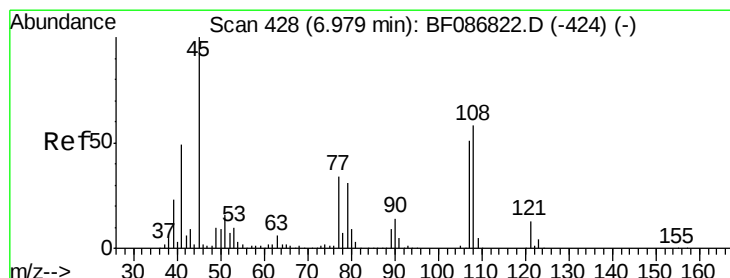
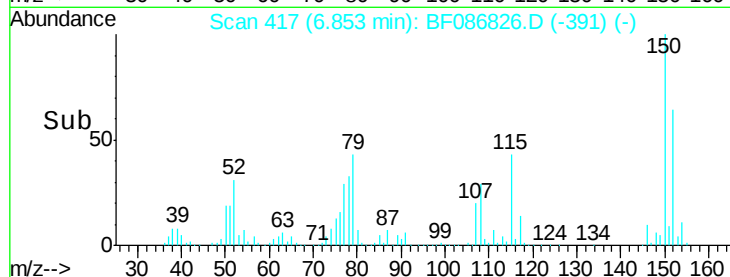
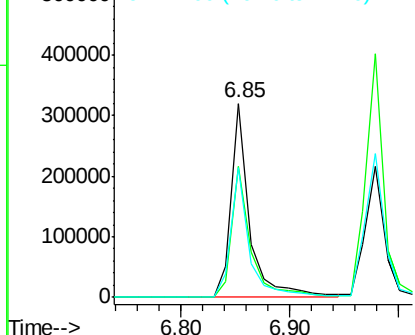
#15
Benzyl Alcohol
Concen: 39.75 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion: 79 Resp: 379066
Ion Ratio Lower Upper
79 100
108 67.3 68.4 102.6#
77 66.8 50.6 76.0

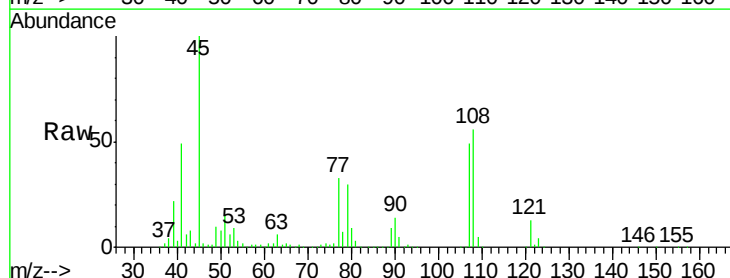


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

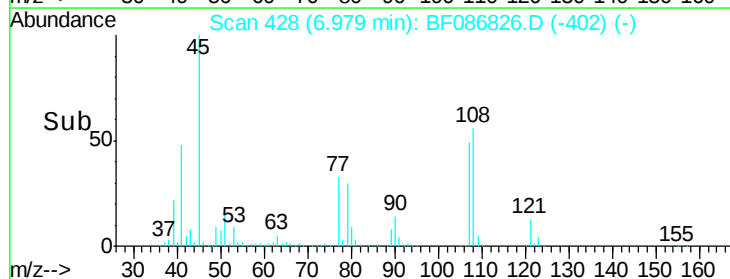
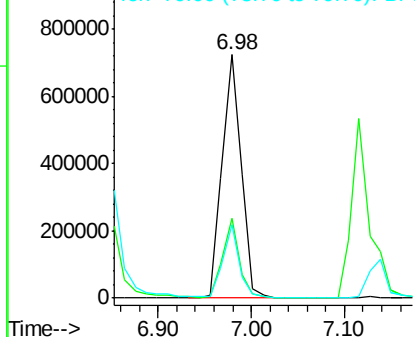


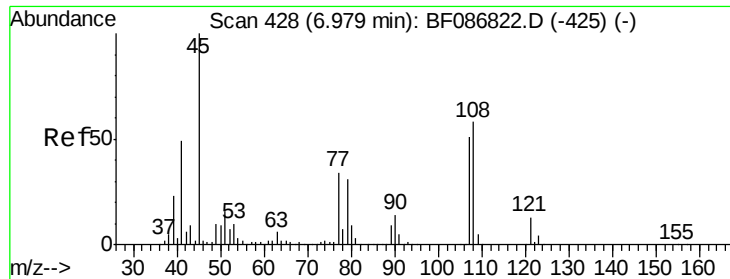
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.94 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion: 45 Resp: 1027892
Ion Ratio Lower Upper
45 100
77 32.9 0.0 36.4
79 30.0 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

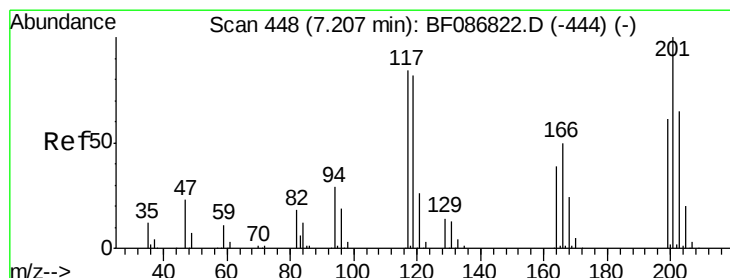
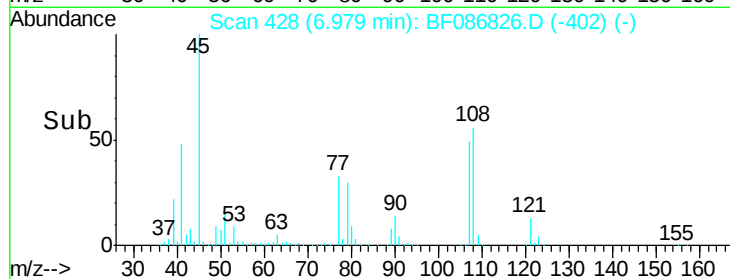
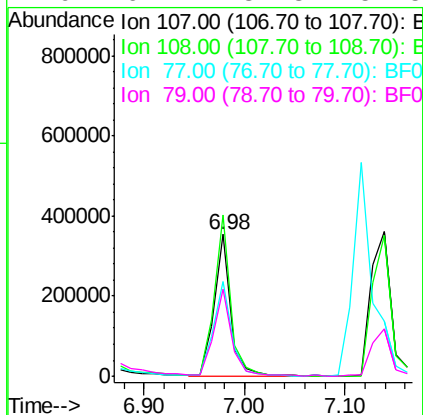
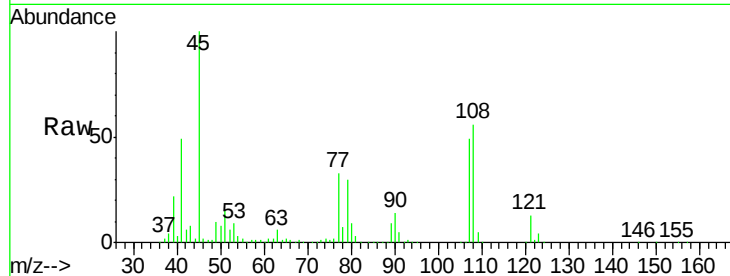




#17
 2-Methylphenol
 Concen: 40.01 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

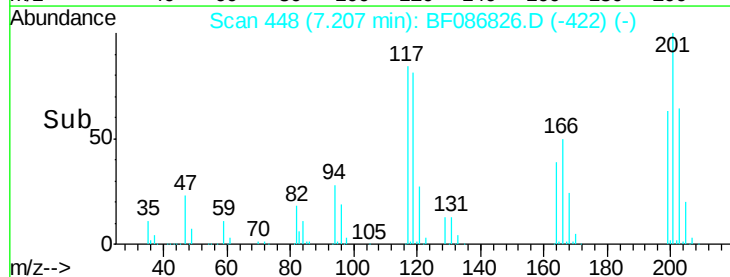
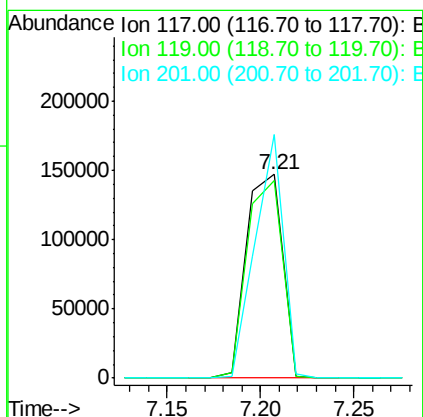
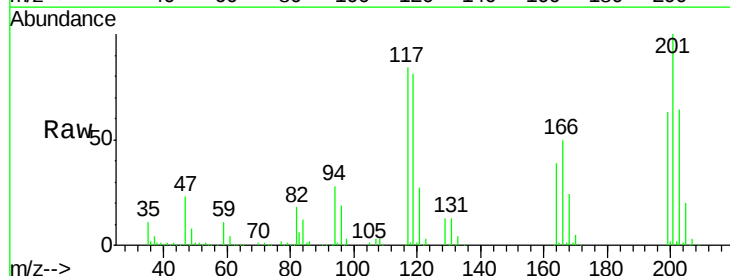
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

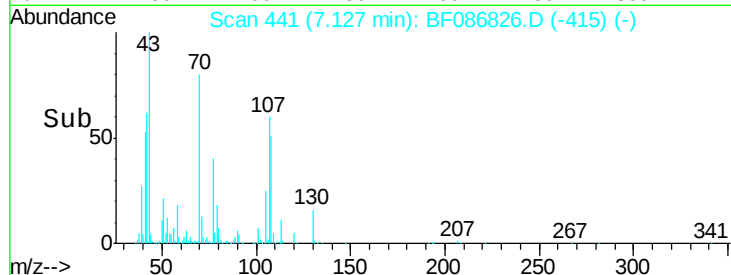
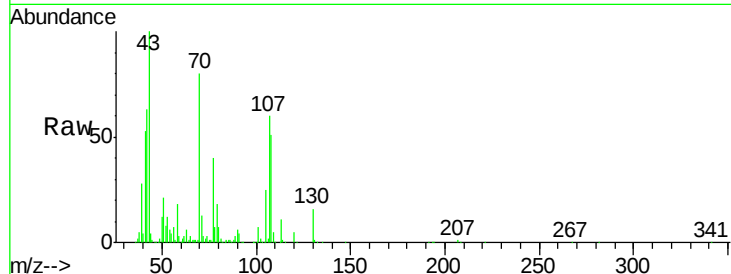
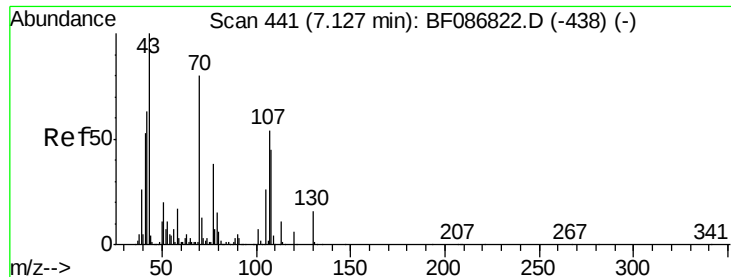
Tot Ion:	107	Resp:	396953
Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.7	140.5
77	67.3	33.4	50.0#
79	61.4	34.3	51.5#



#18
 Hexachloroethane
 Concen: 38.14 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion:	117	Resp:	197465
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.5	114.7
201	119.6	63.0	94.6#

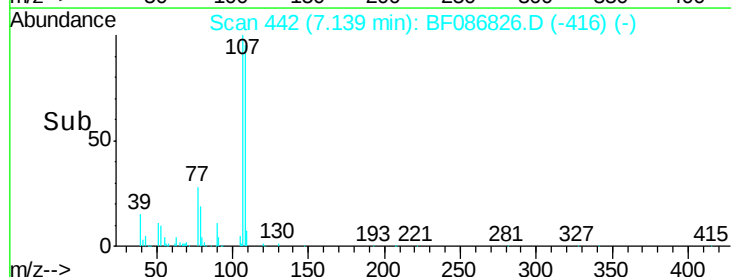
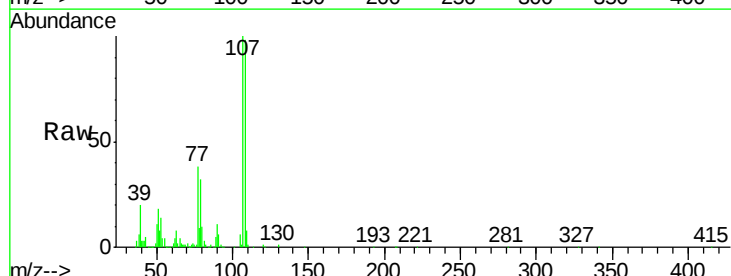
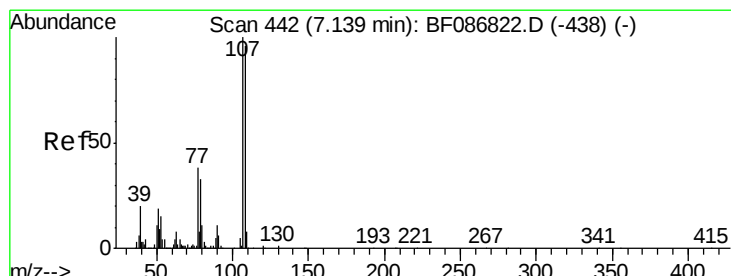
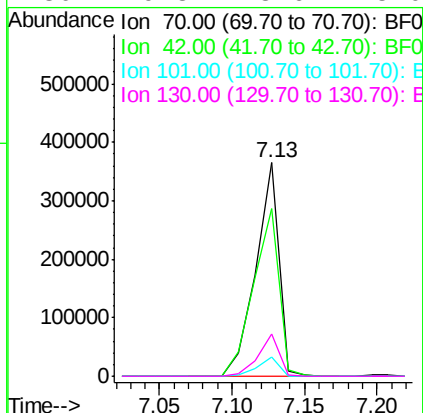




#19
n-Nitroso-di-n-propylamine
Concen: 41.87 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

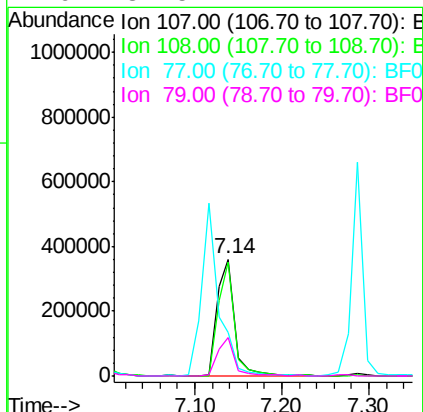
Instrument :
BNA_F
ClientSampleId :
ICVBF050916

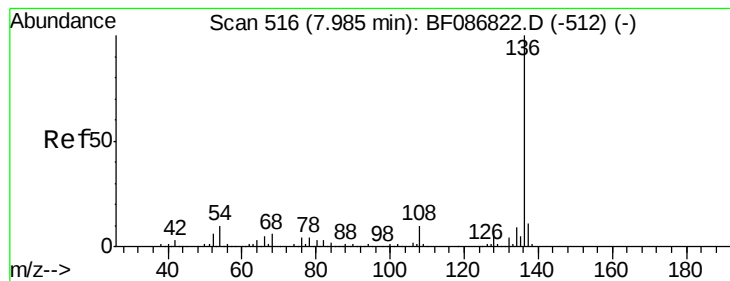
Tot Ion	Ratio	Lower	Upper
70	100		
42	78.6	43.1	64.7#
101	9.2	8.1	12.1
130	19.8	18.6	28.0



#20
3+4-Methylphenols
Concen: 39.85 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.6	68.5	108.5
77	37.9	101.6	141.6#
79	32.5	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

Tot Ion:136 Resp: 744234

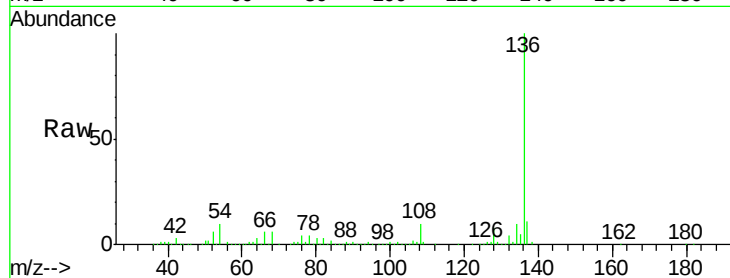
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.5 5.0 7.4#

68 5.7 4.4 6.6

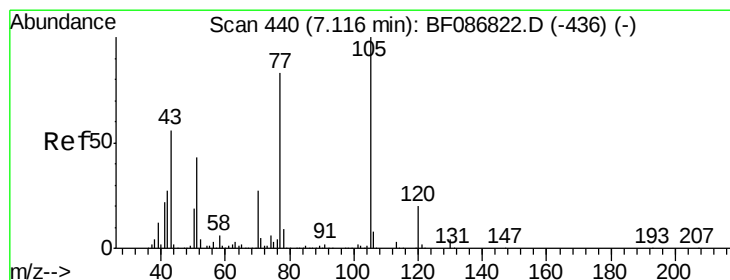
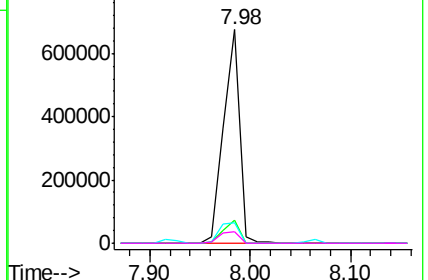
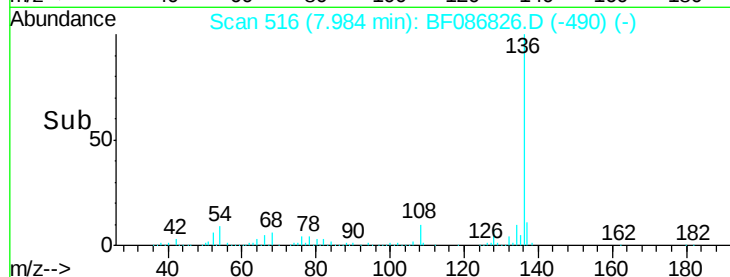


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.14 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:105 Resp: 670453

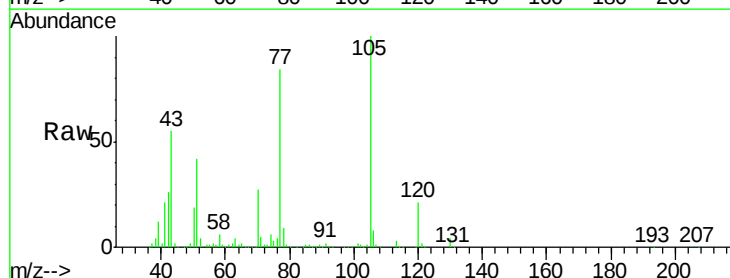
Ion Ratio Lower Upper

105 100

71 4.6 4.8 7.2#

51 41.9 32.6 49.0

120 20.8 16.5 24.7

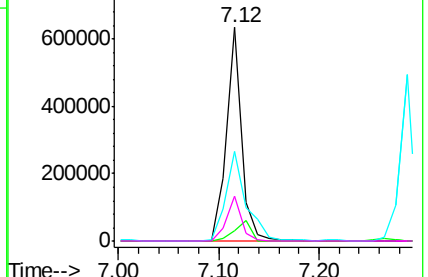
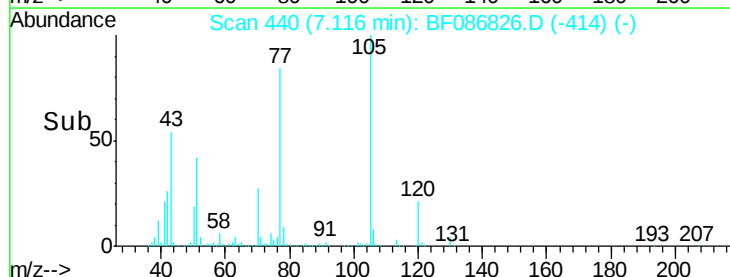


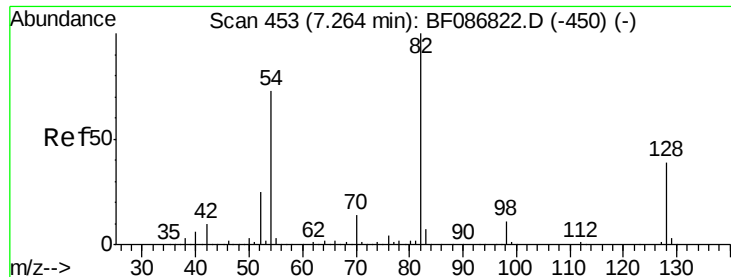
Abundance Ion 105.00 (104.70 to 105.70): E

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

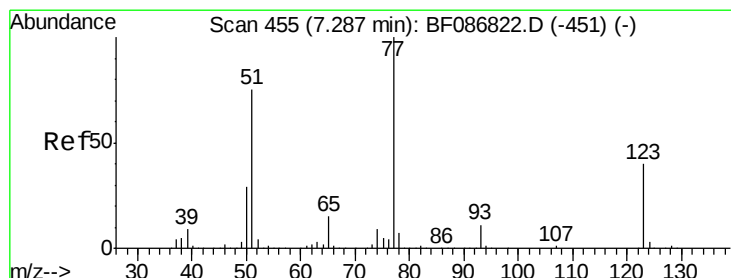
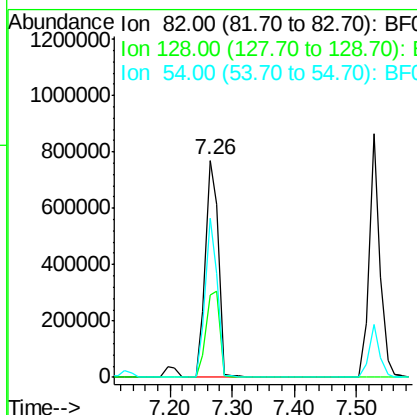
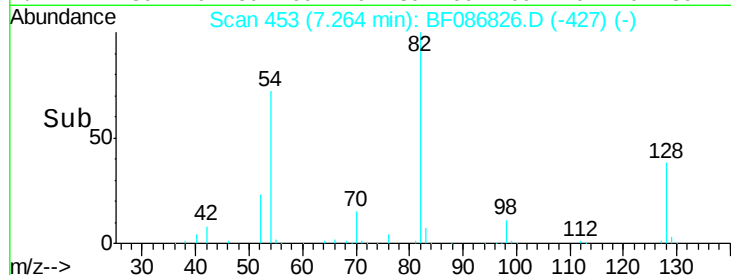
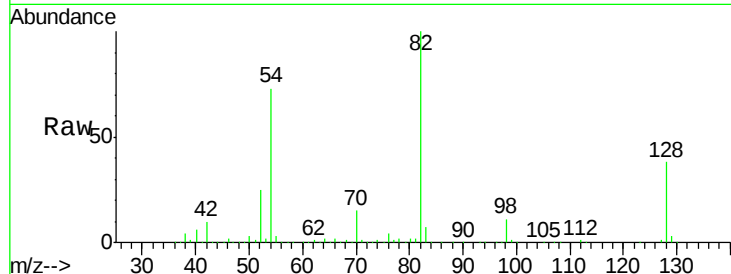




#23
 Nitrobenzene-d5
 Concen: 76.83 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

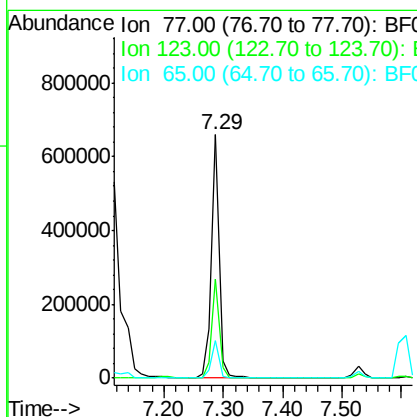
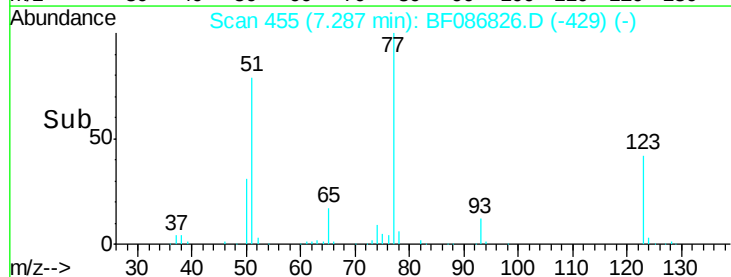
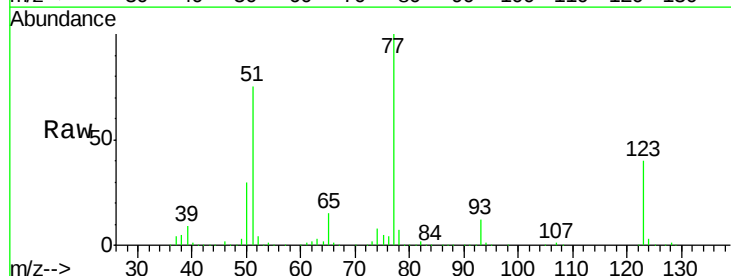
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

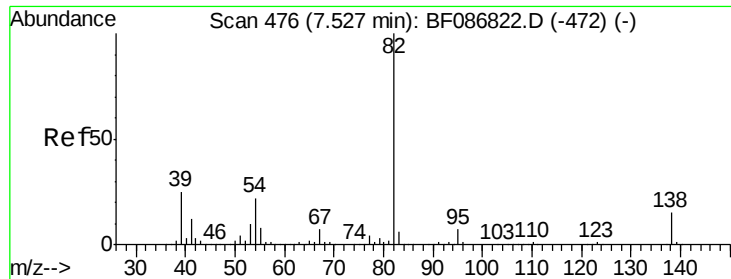
Tot Ion: 82 Resp: 1138801
 Ion Ratio Lower Upper
 82 100
 128 37.8 40.6 61.0#
 54 73.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 39.17 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion: 77 Resp: 597164
 Ion Ratio Lower Upper
 77 100
 123 40.4 33.0 49.4
 65 15.2 10.8 16.2

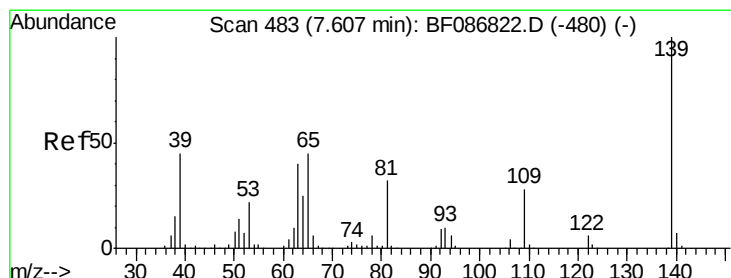
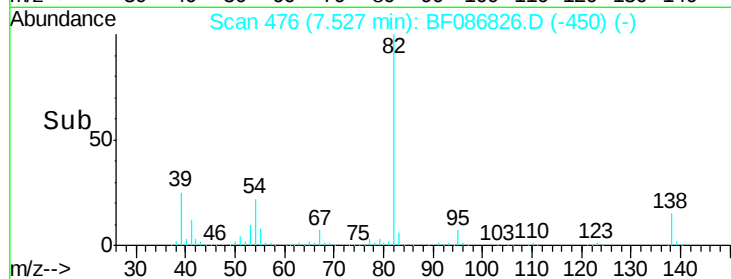
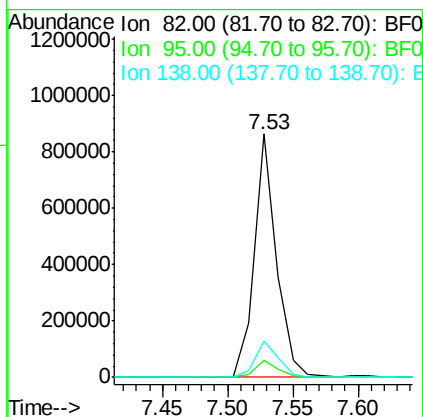
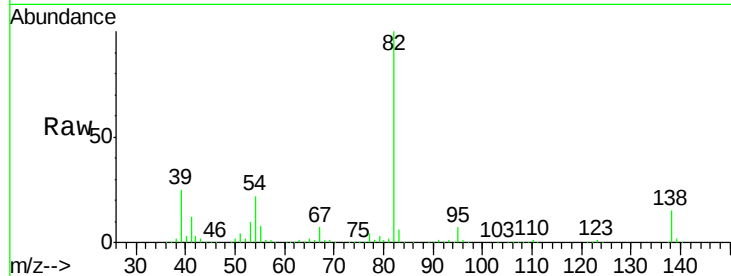




#25
Isophorone
Concen: 37.10 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

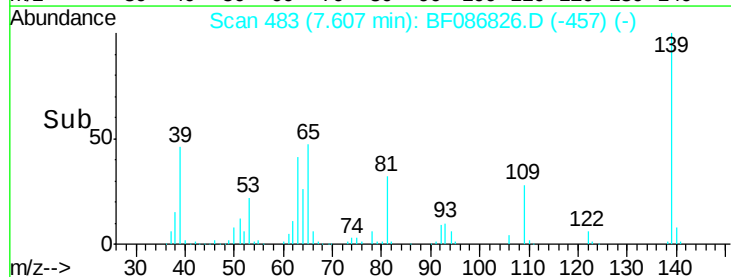
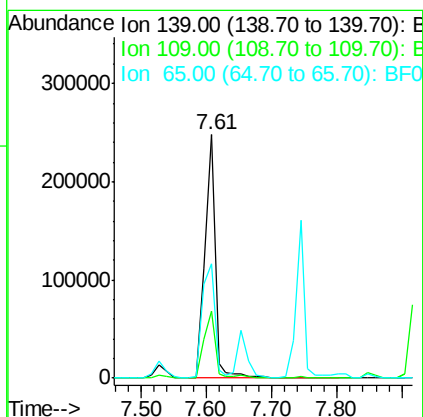
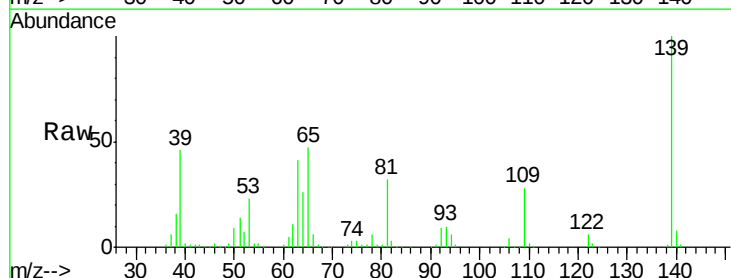
Instrument :
BNA_F
ClientSampleId :
ICVBF050916

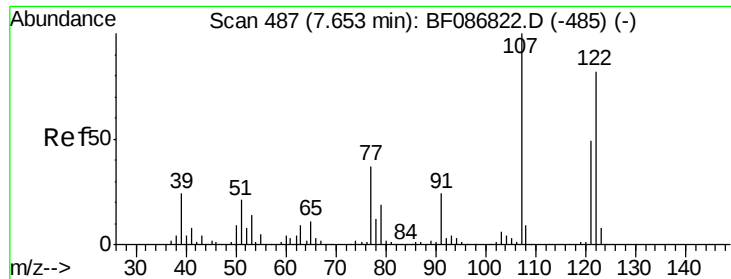
Tot Ion: 82 Resp: 1020359
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 14.9 12.4 18.6



#26
2-Nitrophenol
Concen: 40.64 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion: 139 Resp: 272344
Ion Ratio Lower Upper
139 100
109 27.8 19.5 29.3
65 47.2 37.5 56.3

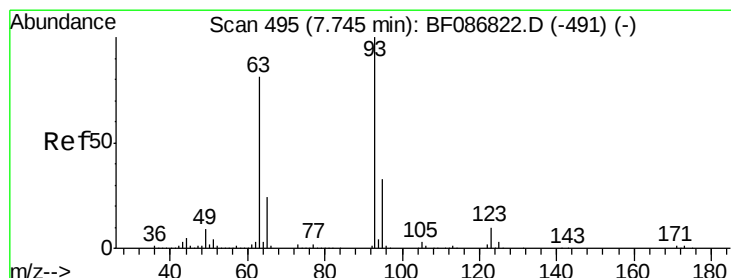
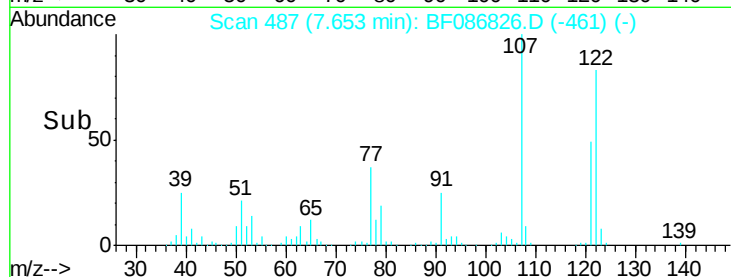
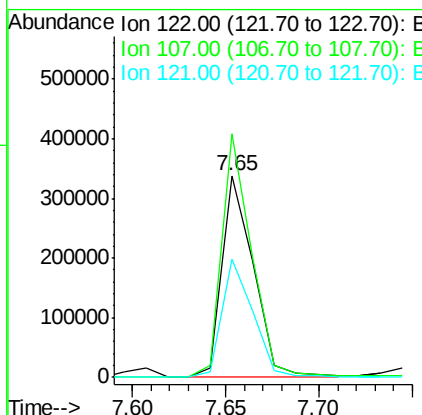
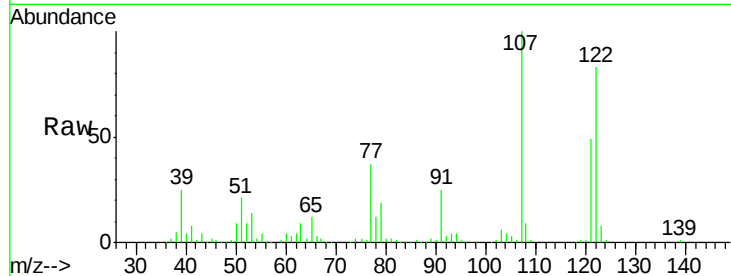




#27
 2,4-Dimethylphenol
 Concen: 34.64 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

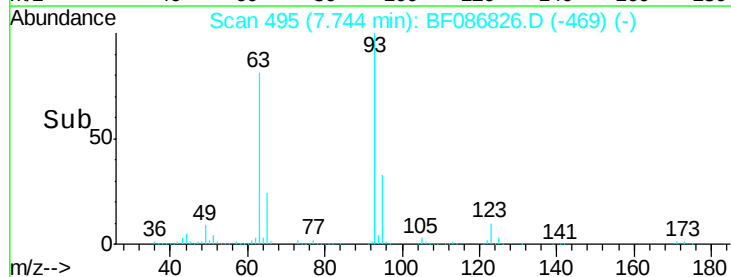
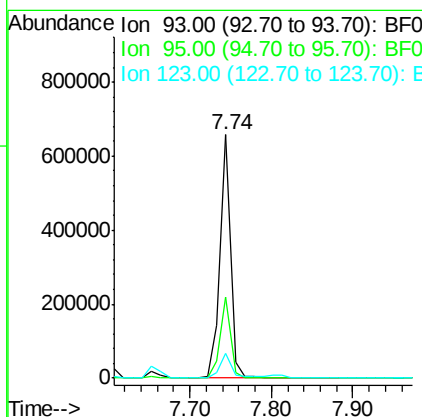
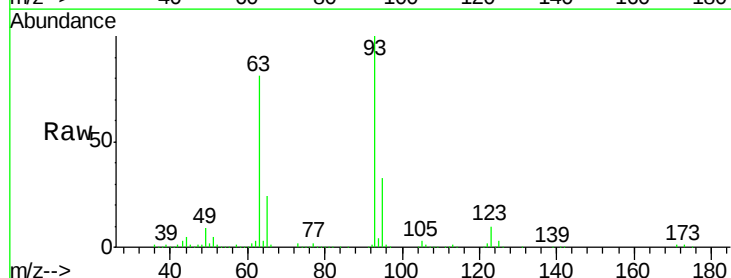
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

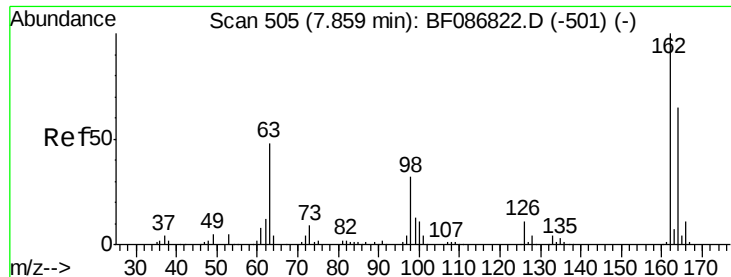
Tot Ion:122 Resp: 395488
 Ion Ratio Lower Upper
 122 100
 107 120.8 82.0 123.0
 121 58.6 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.07 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion: 93 Resp: 594320
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 10.3 9.5 14.3

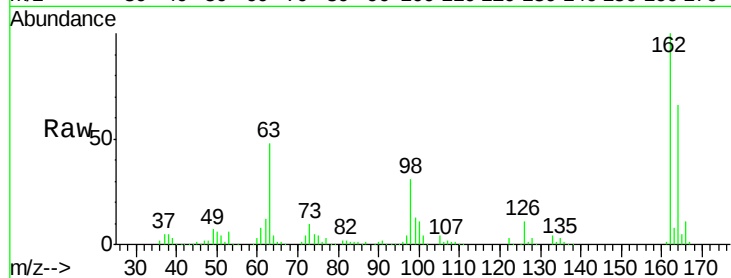




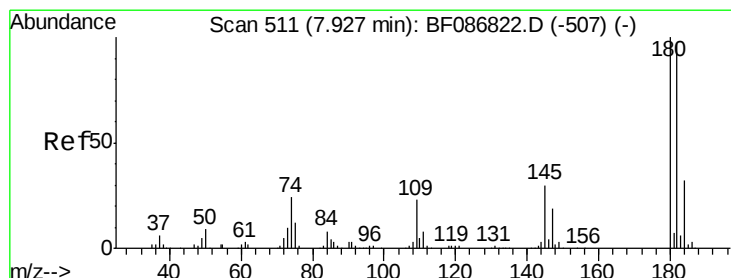
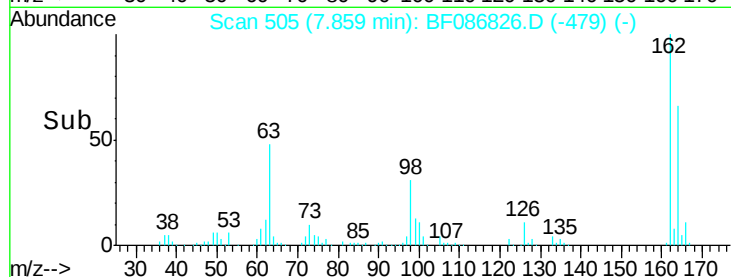
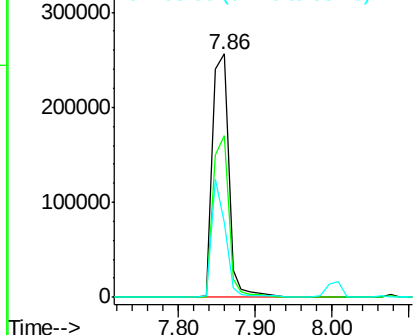
#29
 2,4-Dichlorophenol
 Concen: 37.77 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	42.2	82.2
98	30.7	19.0	59.0

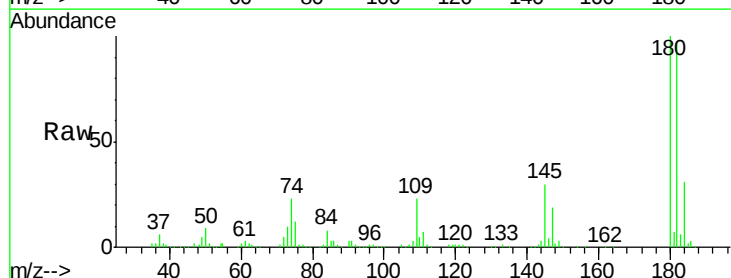


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

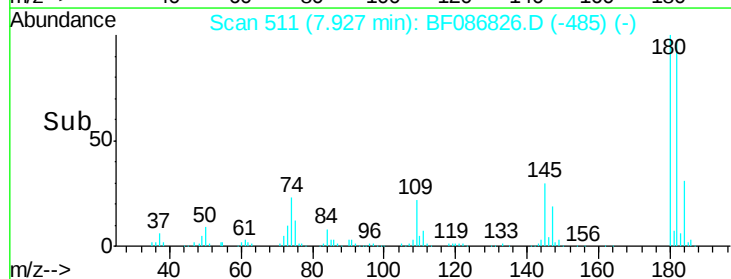
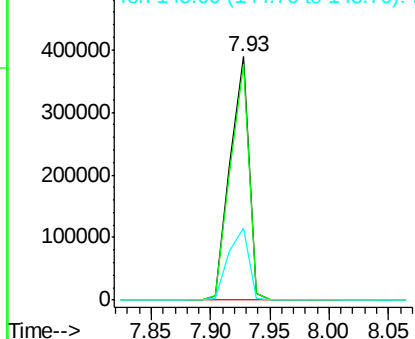


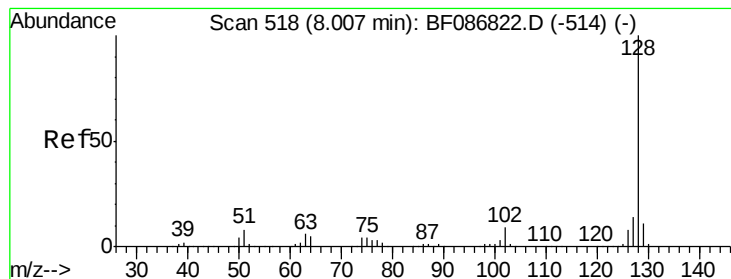
#30
 1,2,4-Trichlorobenzene
 Concen: 38.32 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.0	117.0
145	29.5	24.2	36.2



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





#31

Naphthalene

Concen: 37.69 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

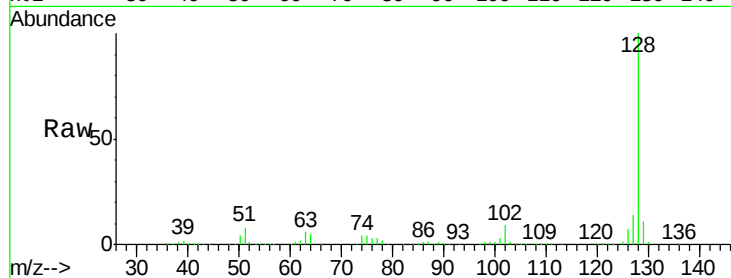
Tot Ion:128 Resp: 1405057

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

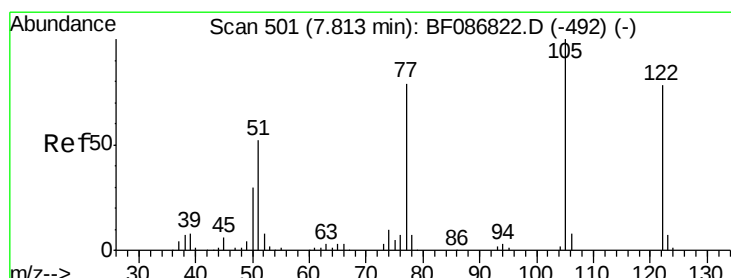
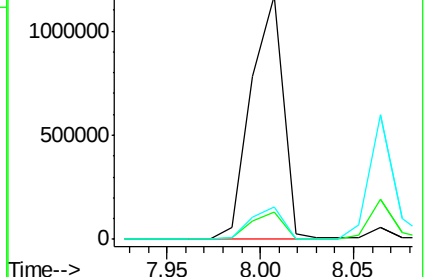
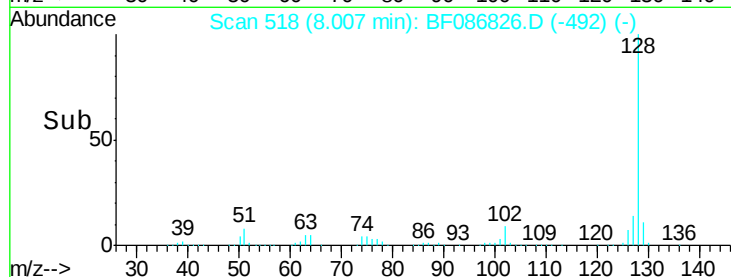
127 13.5 10.8 16.2



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: 43.65 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

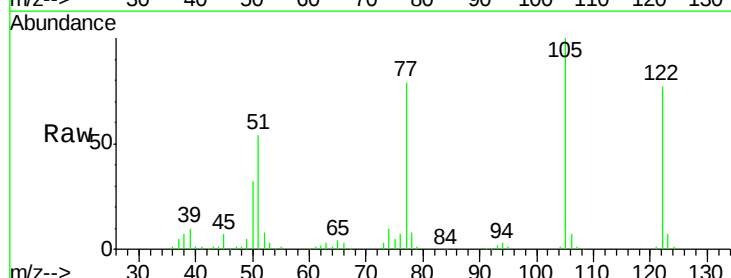
Tgt Ion:122 Resp: 292695

Ion Ratio Lower Upper

122 100

105 129.1 92.6 132.6

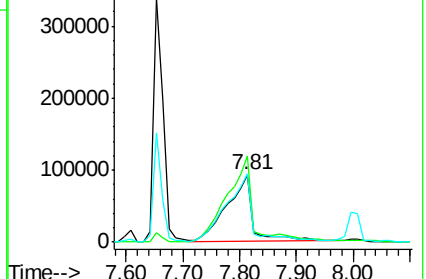
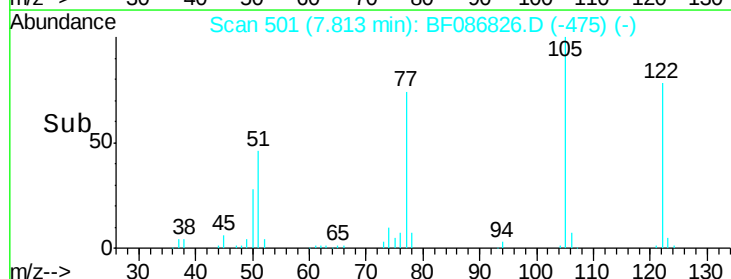
77 102.6 60.0 100.0#

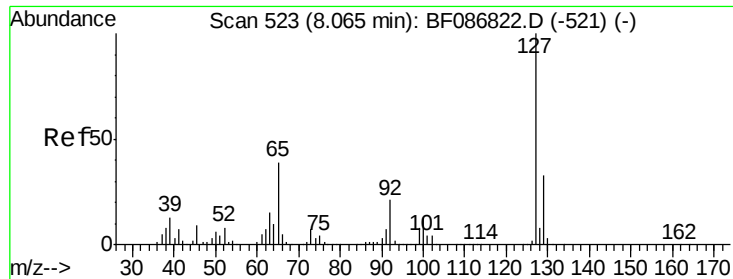


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

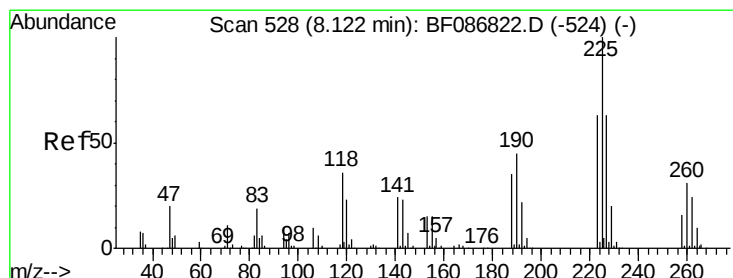
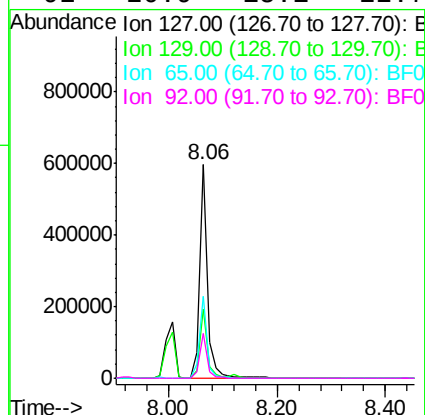
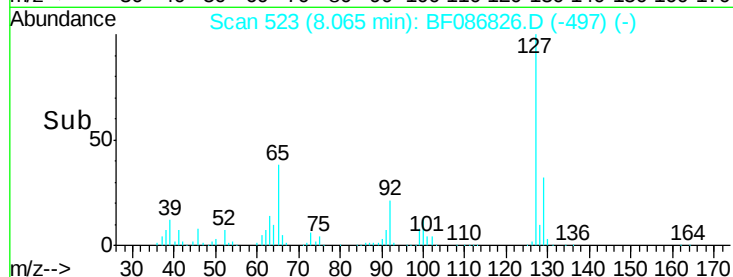
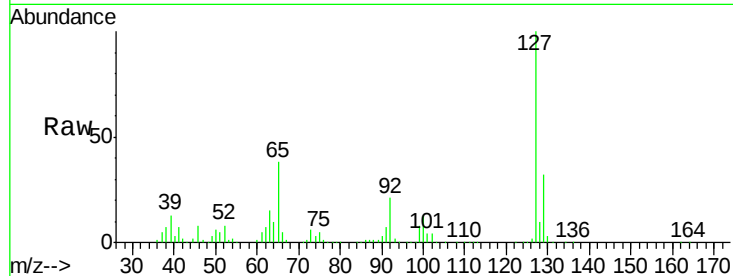




#33
4-Chloroaniline
Concen: 39.78 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

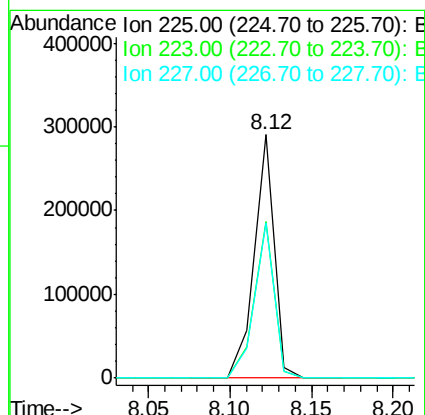
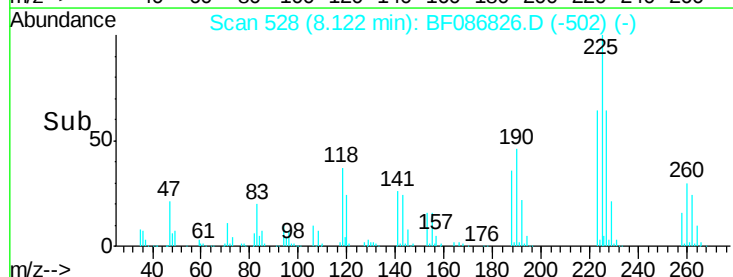
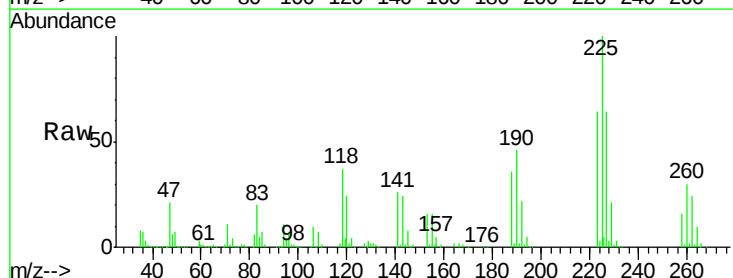
Instrument :
BNA_F
ClientSampleId :
ICVBF050916

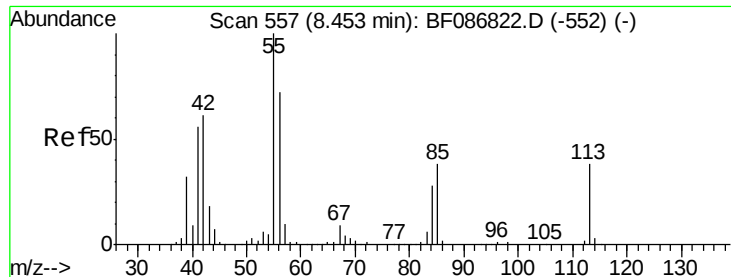
Tot Ion:	127	Resp:	576228
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	38.1	23.0	34.4
92	20.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.01 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion:	225	Resp:	247759
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.5	77.3
227	63.6	52.2	78.2





#35

Caprolactam

Concen: 37.12 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

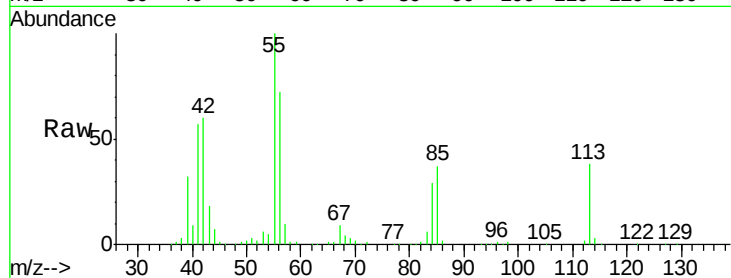
Tot Ion:113 Resp: 126900

Ion Ratio Lower Upper

113 100

55 259.9 162.0 202.0#

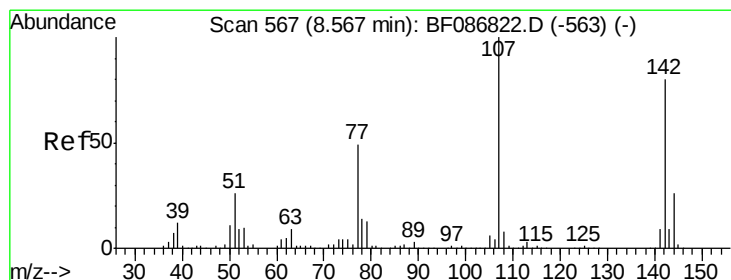
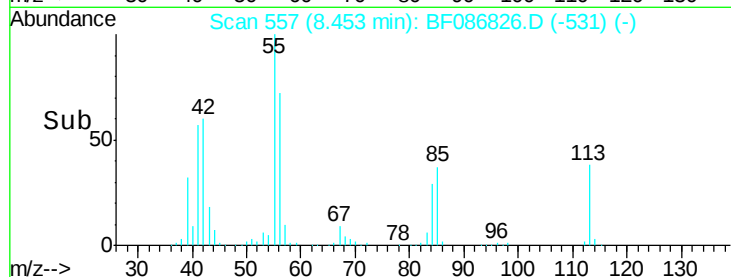
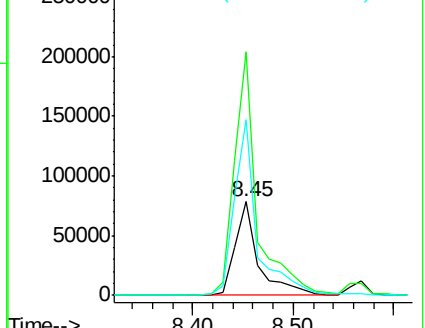
56 188.3 115.3 155.3#



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: 38.03 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

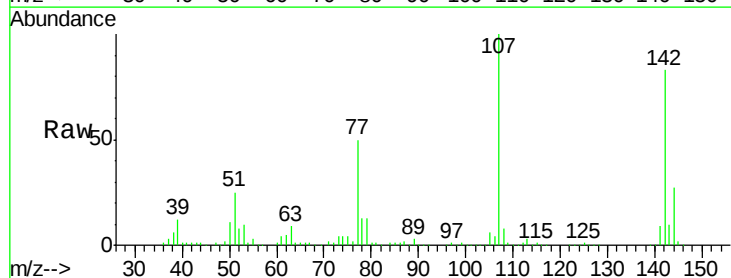
Tgt Ion:107 Resp: 463421

Ion Ratio Lower Upper

107 100

144 27.4 20.7 31.1

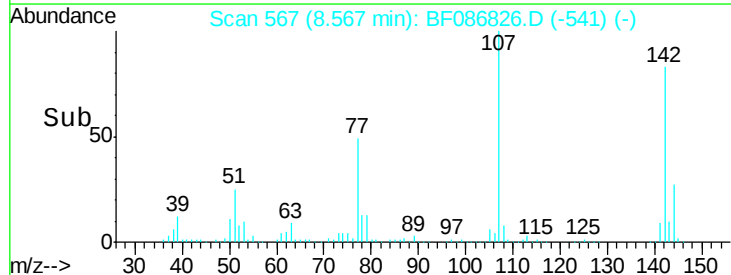
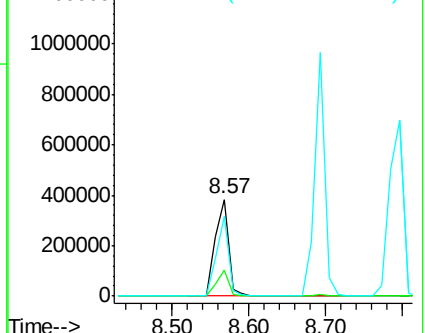
142 82.8 63.2 94.8

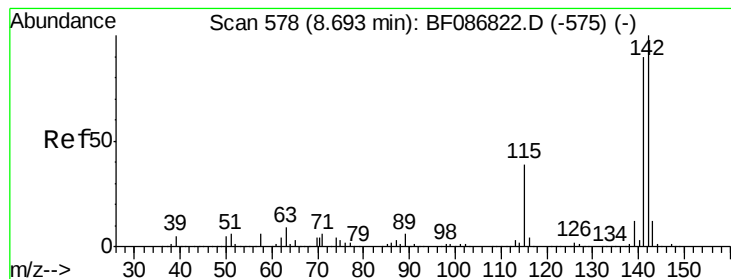


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.81 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

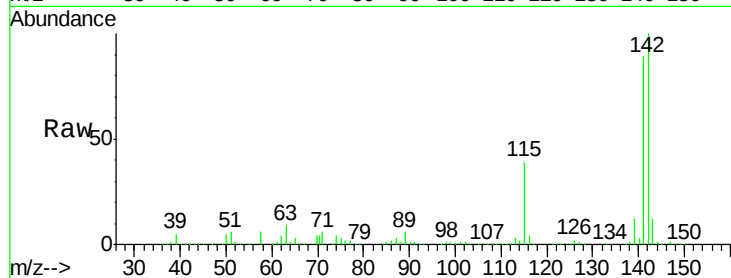
Tot Ion:142 Resp: 867551

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6

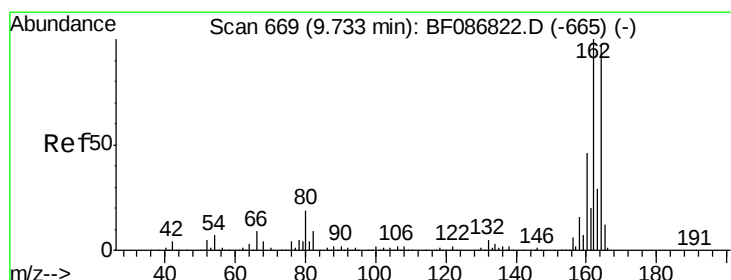
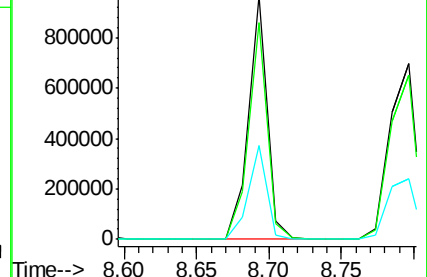
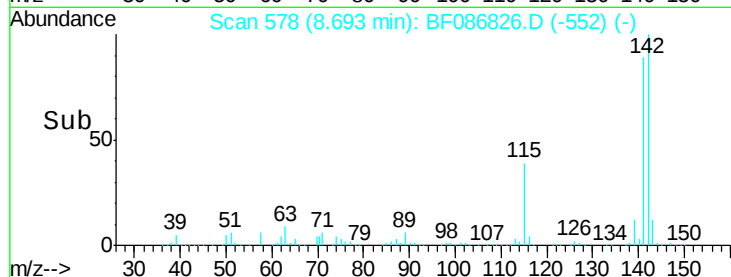
115 38.6 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

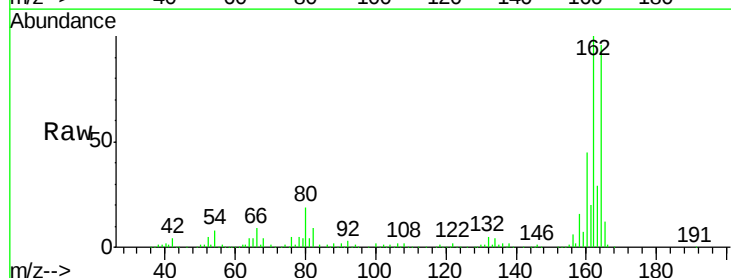
Tgt Ion:164 Resp: 361509

Ion Ratio Lower Upper

164 100

162 103.9 82.8 124.2

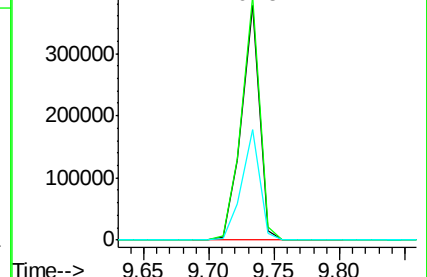
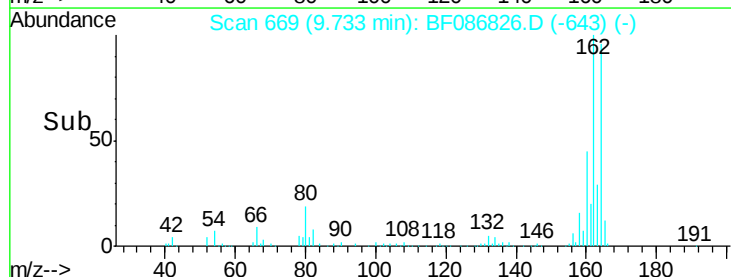
160 47.3 36.9 55.3

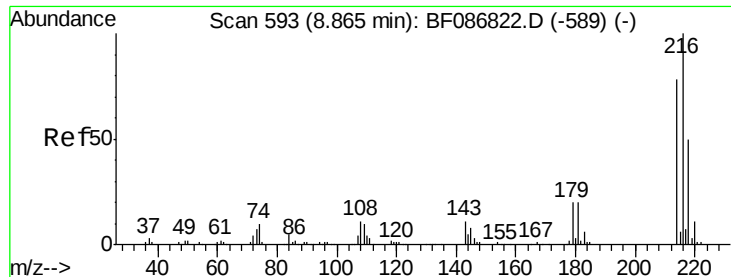


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

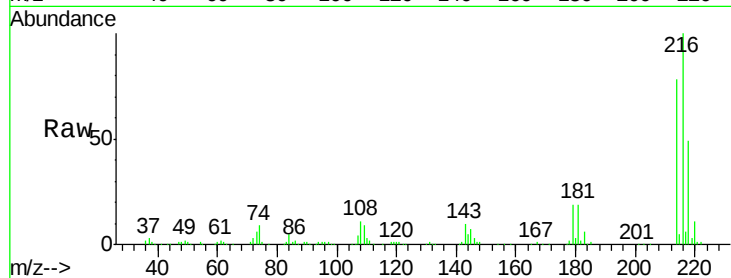




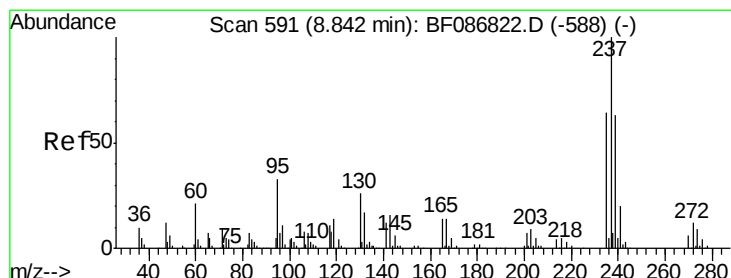
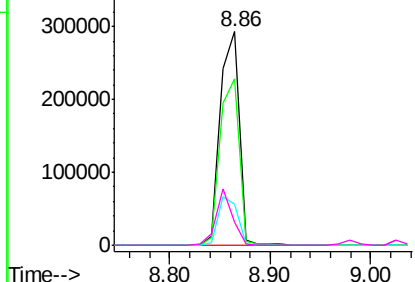
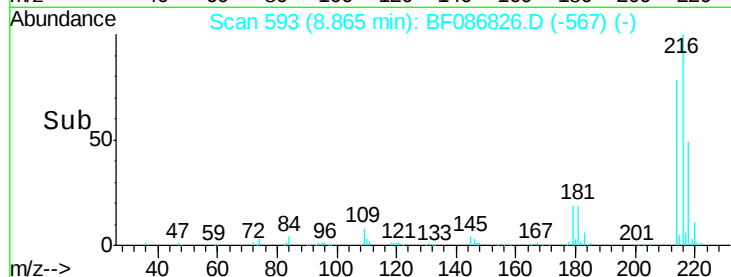
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.61 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion:	216	Resp:	384794
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	22.8	18.2	27.4
108	23.0	17.5	26.3

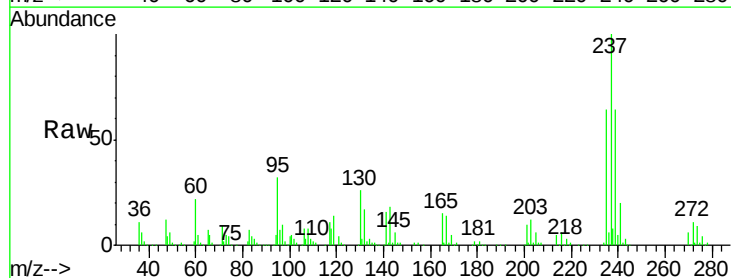


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

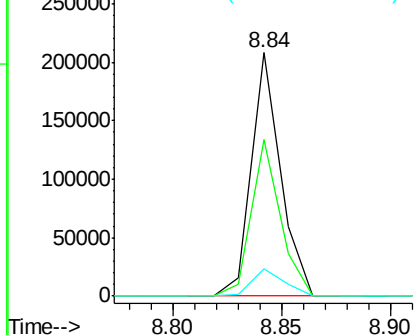
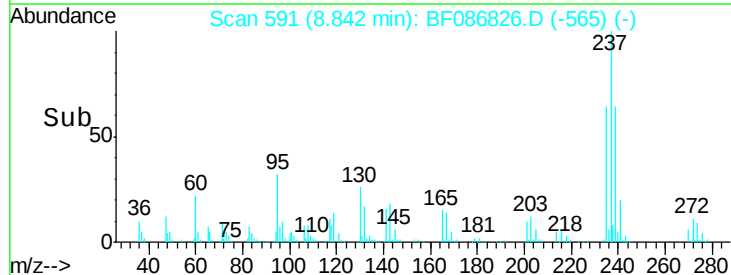


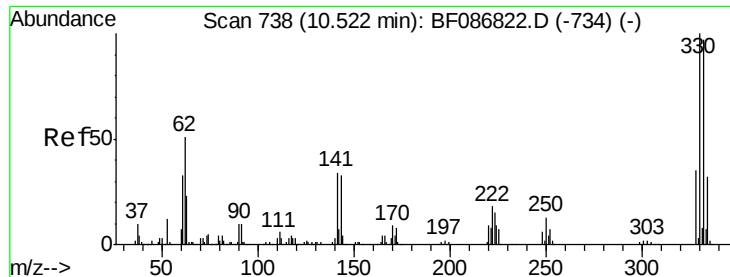
#40
 Hexachlorocyclopentadiene
 Concen: 38.90 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion:	237	Resp:	194070
Ion	Ratio	Lower	Upper
237	100		
235	64.4	47.2	87.2
272	11.5	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

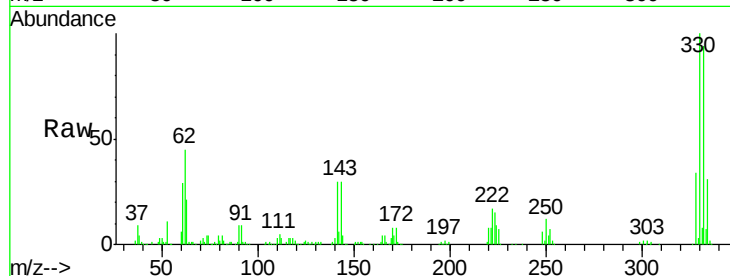




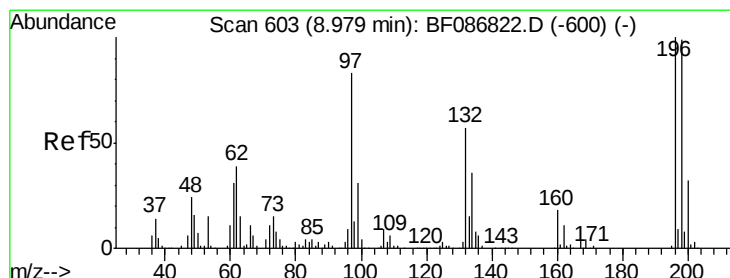
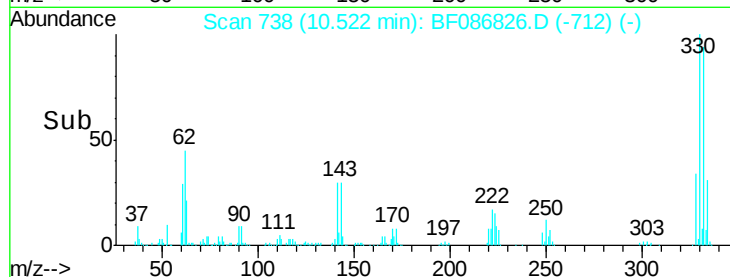
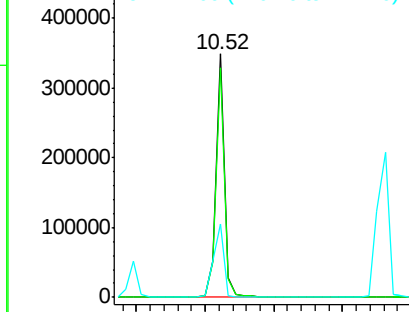
#41
 2,4,6-Tribromophenol
 Concen: 79.64 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	79.0	118.4
141	37.5	31.2	46.8

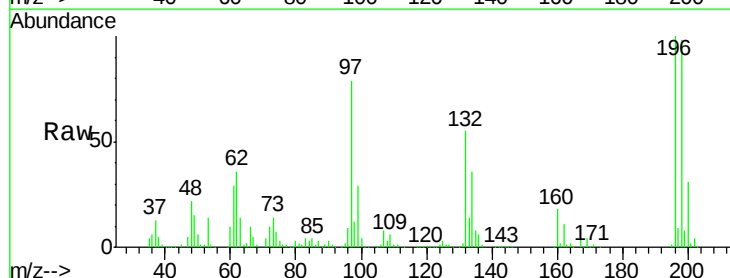


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

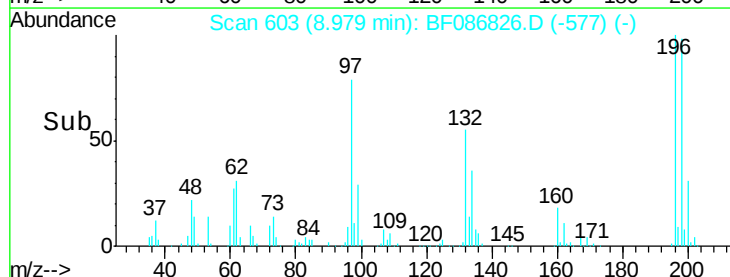
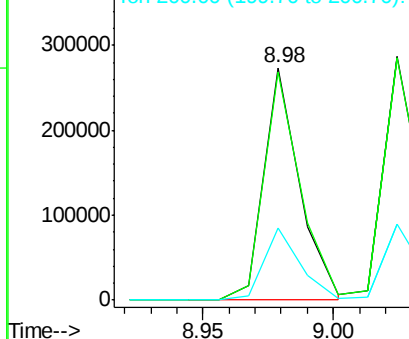


#42
 2,4,6-Trichlorophenol
 Concen: 37.43 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	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

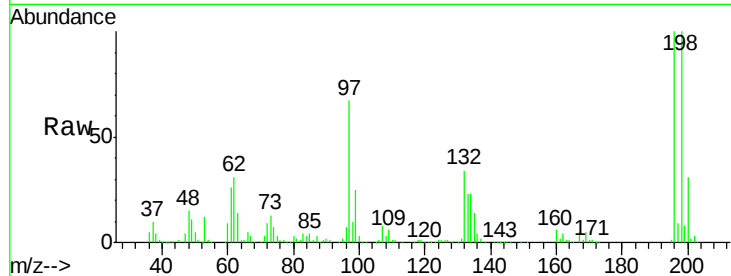




#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	77.5	116.3
97	66.8	34.8	52.2
132	33.7	23.0	34.4



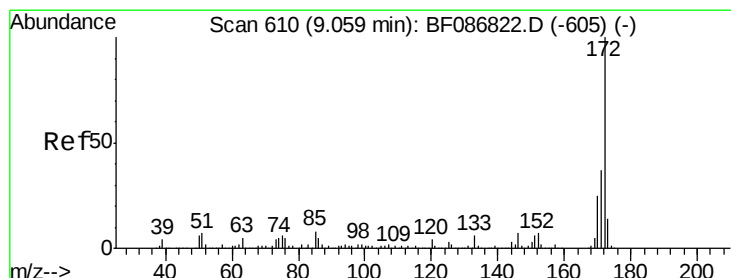
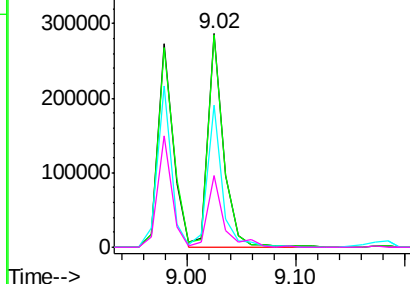
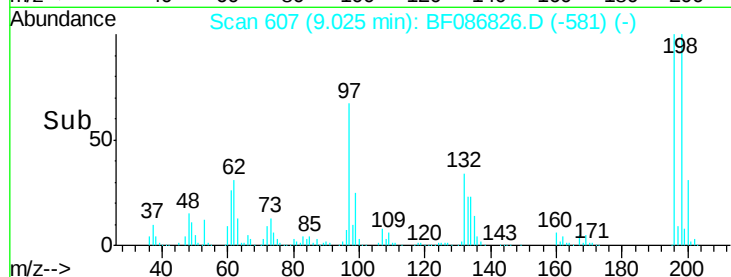
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

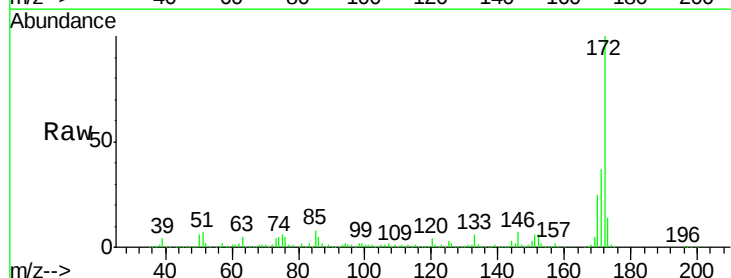
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.06 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	25.0	19.8	29.8

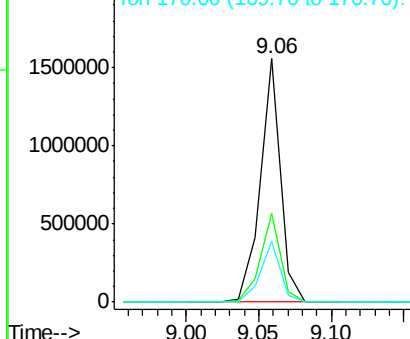
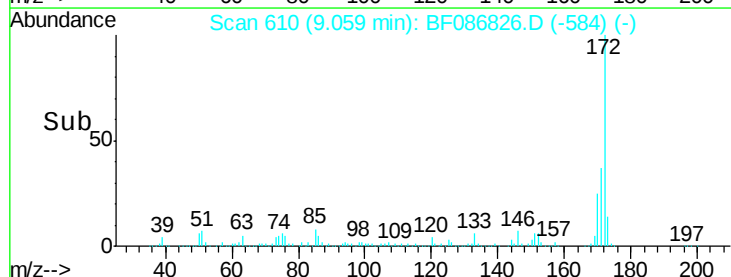


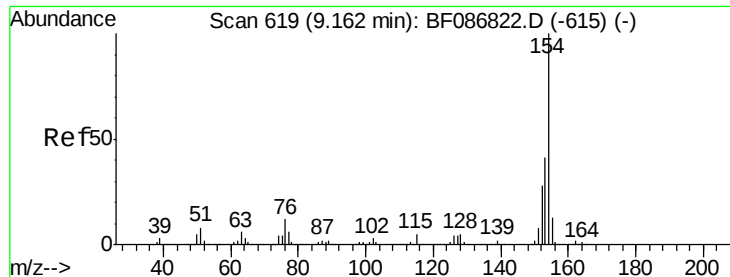
Abundance

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: 41.19 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

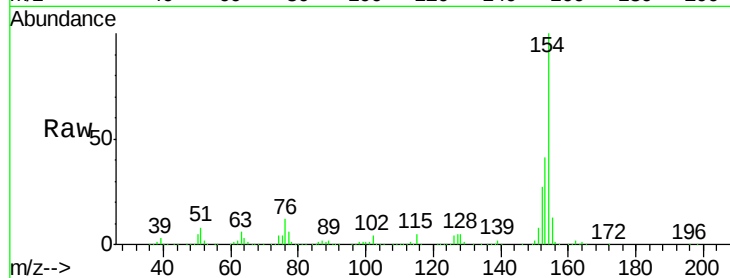
Tot Ion:154 Resp: 1184387

Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

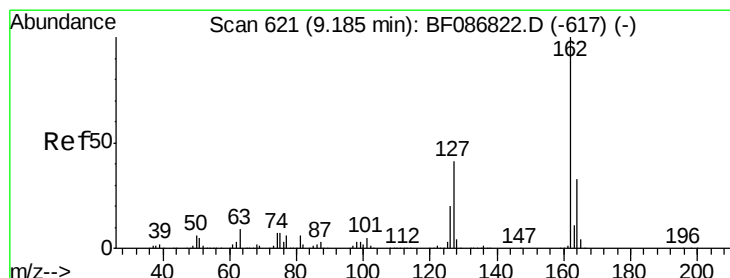
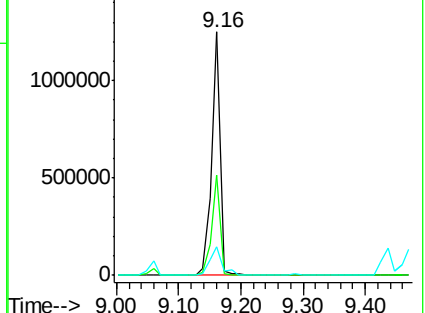
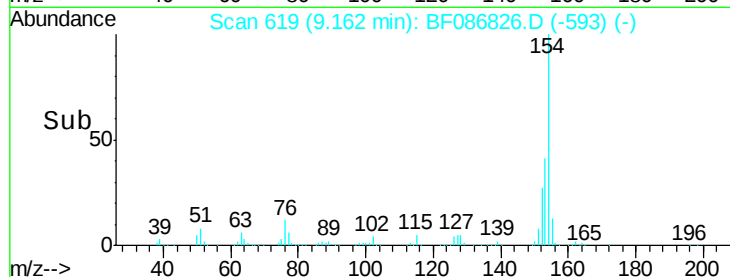
76 11.8 0.0 30.2



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: 40.17 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

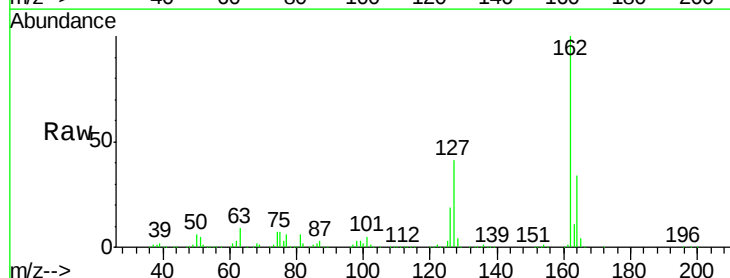
Tgt Ion:162 Resp: 904964

Ion Ratio Lower Upper

162 100

127 40.7 31.8 47.6

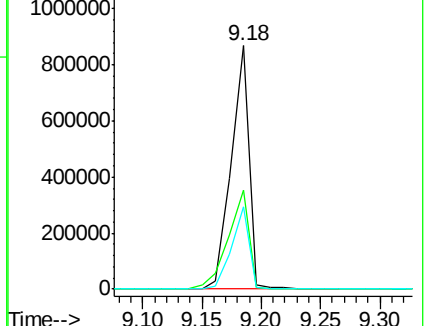
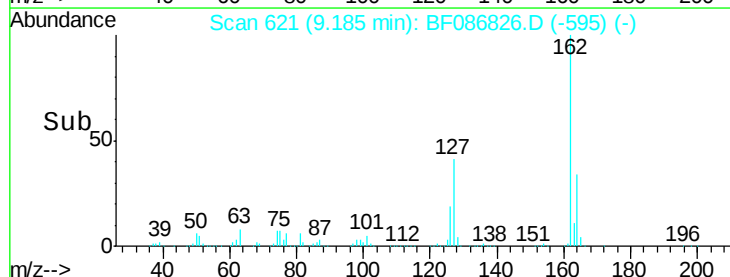
164 33.7 27.0 40.6

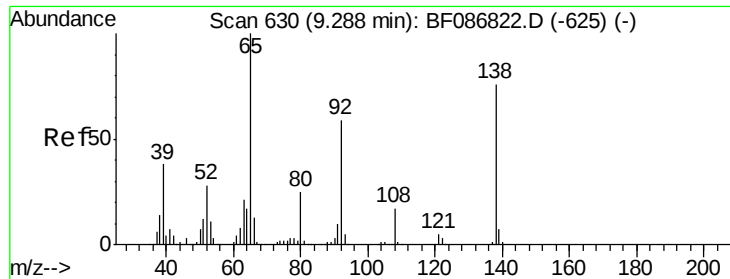


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

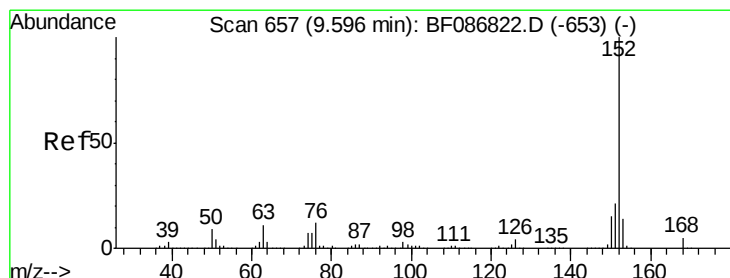
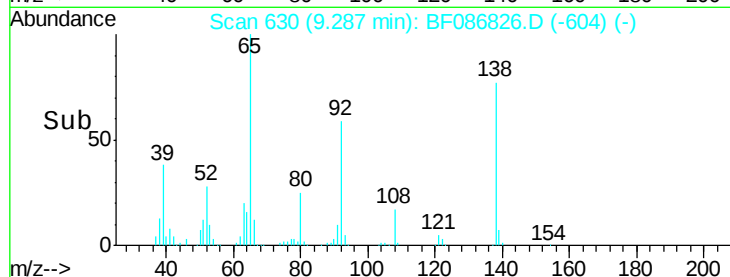
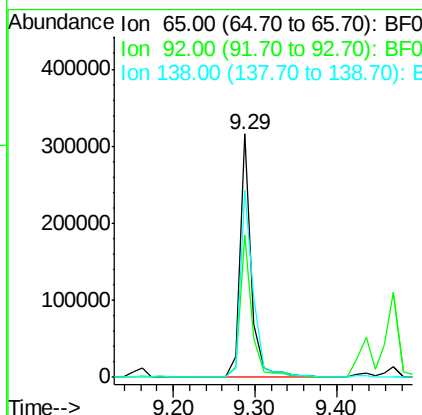
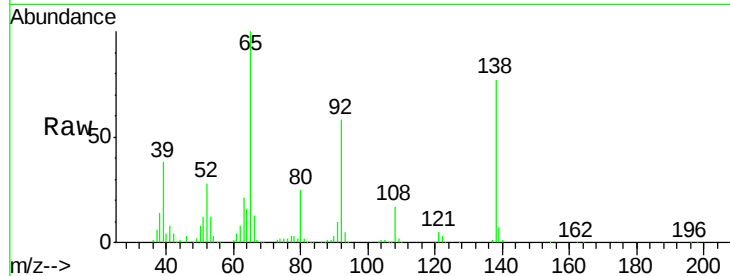




#47
2-Nitroaniline
Concen: 37.53 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

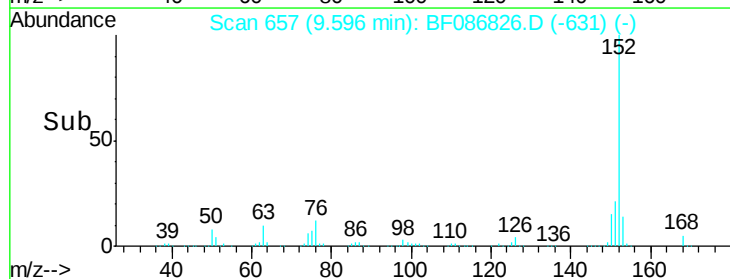
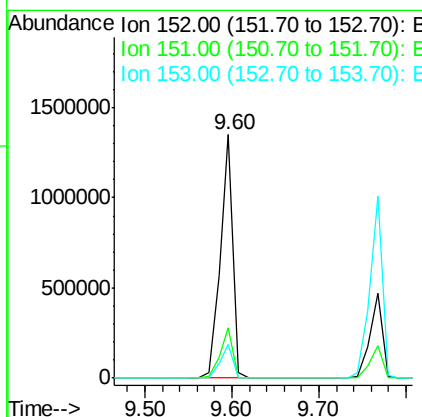
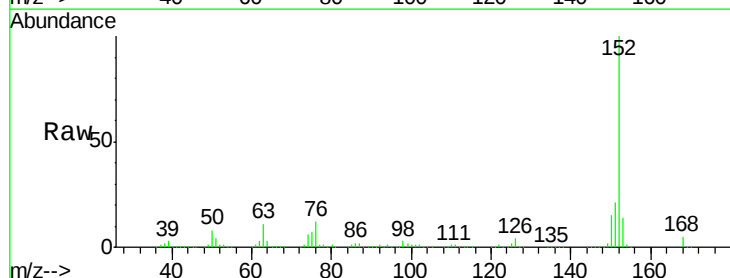
Instrument :
BNA_F
ClientSampleId :
ICVBF050916

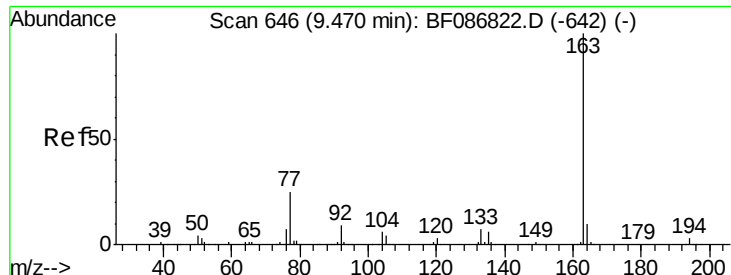
Tot Ion: 65 Resp: 308998
Ion Ratio Lower Upper
65 100
92 58.5 57.4 86.2
138 76.9 90.1 135.1#



#48
Acenaphthylene
Concen: 41.26 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion: 152 Resp: 1367186
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.0 10.9 16.3

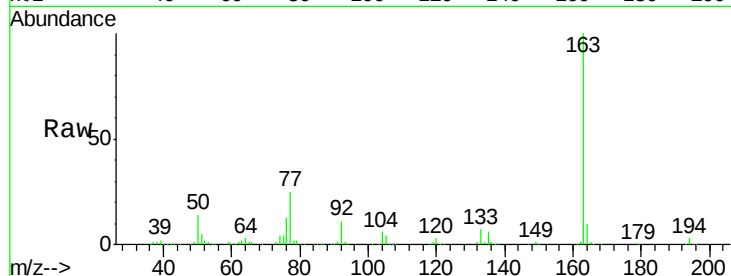




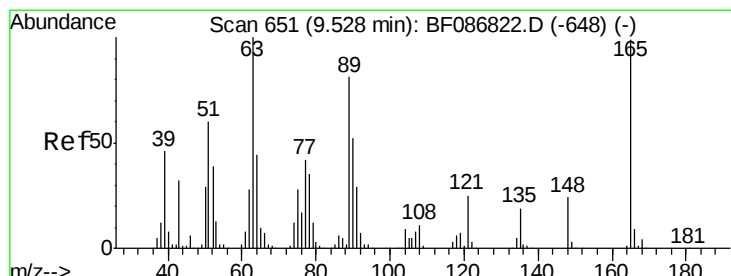
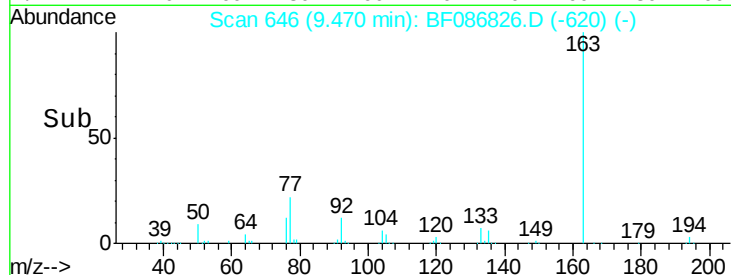
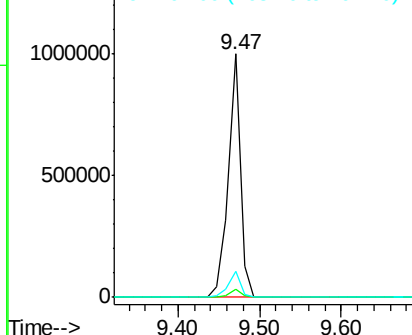
#49
Dimethylphthalate
Concen: 37.34 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion:163 Resp: 1029824
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

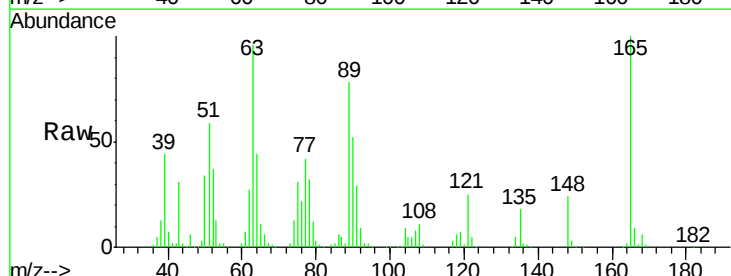


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

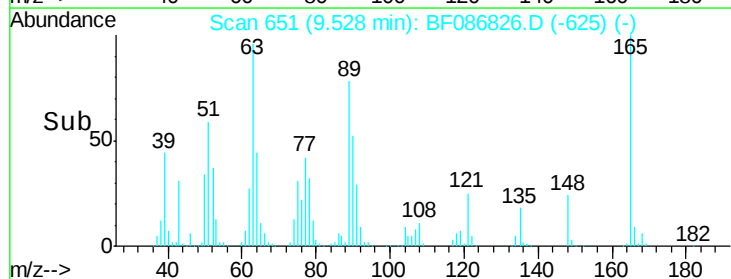
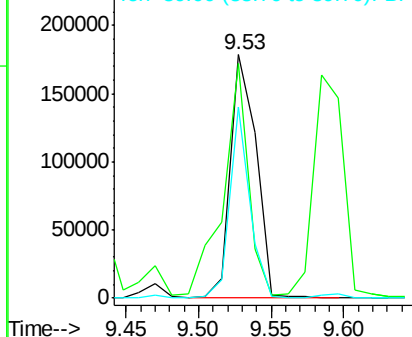


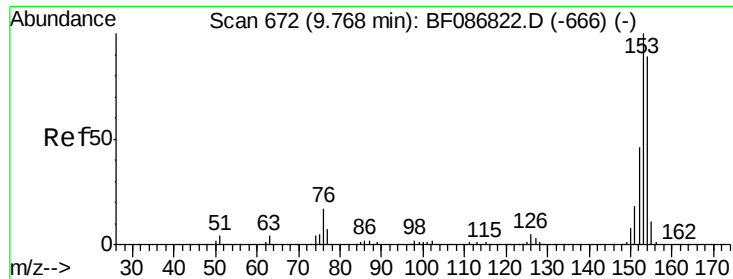
#50
2,6-Dinitrotoluene
Concen: 37.66 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion:165 Resp: 218596
Ion Ratio Lower Upper
165 100
63 96.4 51.8 77.8#
89 78.3 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: 41.78 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

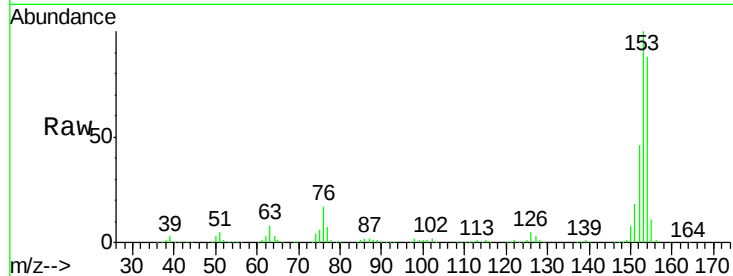
Tot Ion:154 Resp: 861115

Ion Ratio Lower Upper

154 100

153 114.3 89.8 134.6

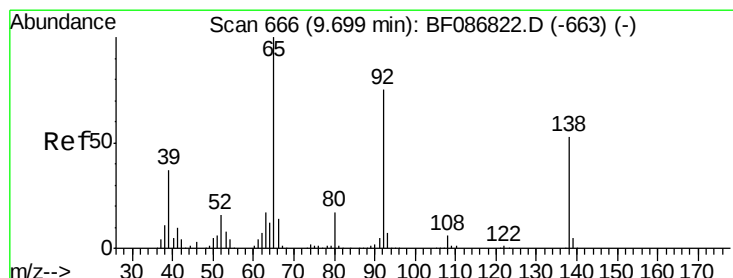
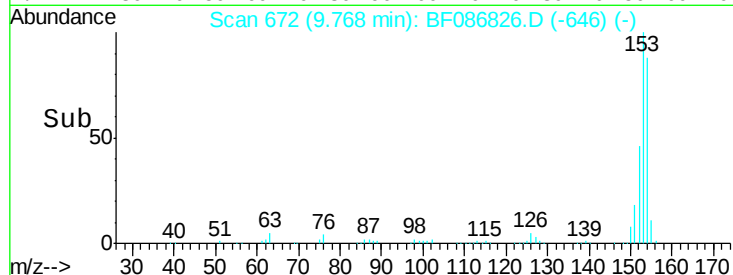
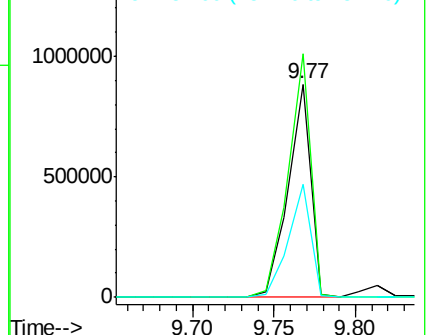
152 53.0 43.4 65.0



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: 38.39 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

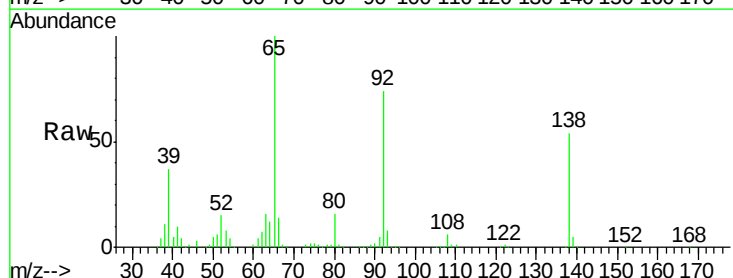
Tgt Ion:138 Resp: 234580

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

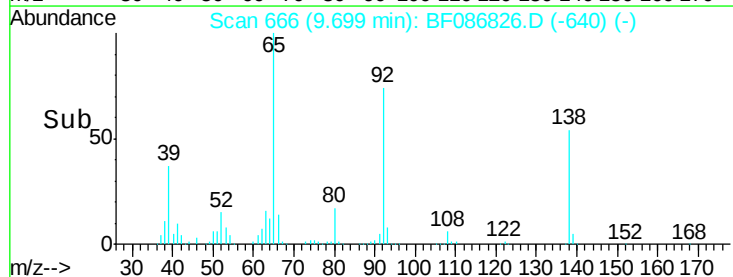
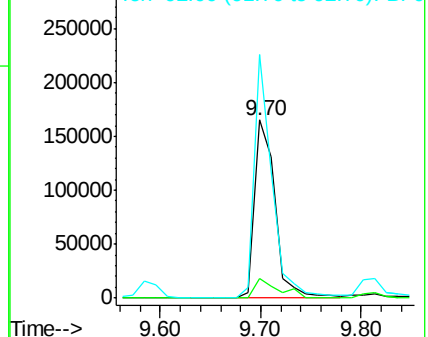
92 136.7 87.8 131.8#

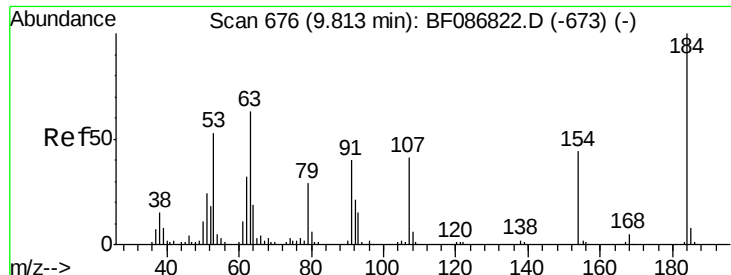


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

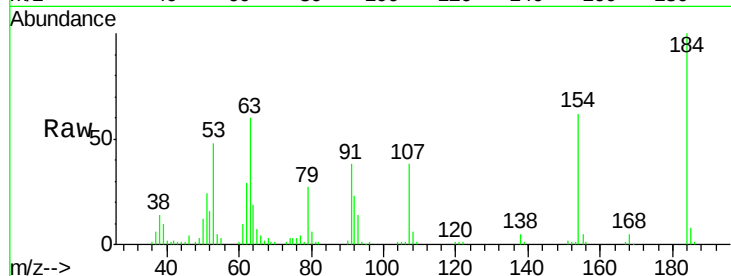




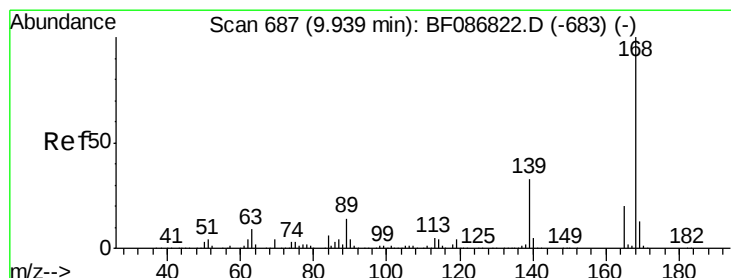
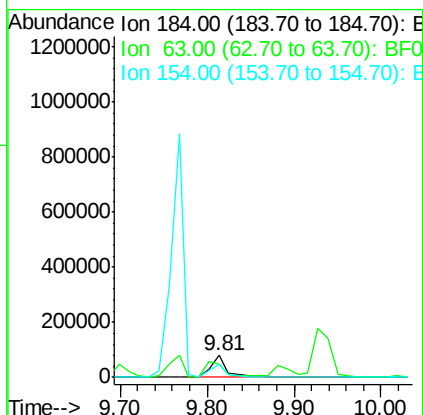
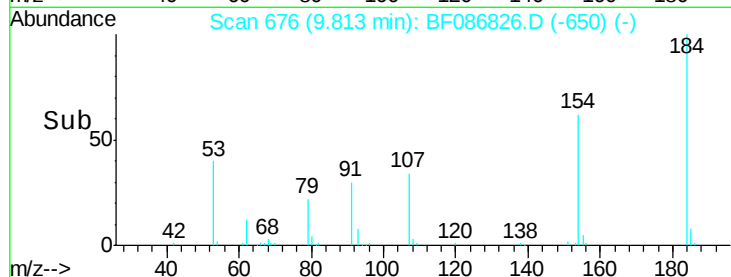
#53
 2,4-Dinitrophenol
 Concen: 39.47 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion:184 Resp: 104295
 Ion Ratio Lower Upper
 184 100
 63 60.3 55.8 83.8
 154 62.0 62.4 93.6#

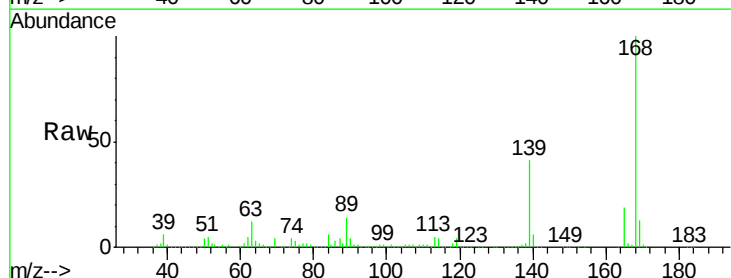


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

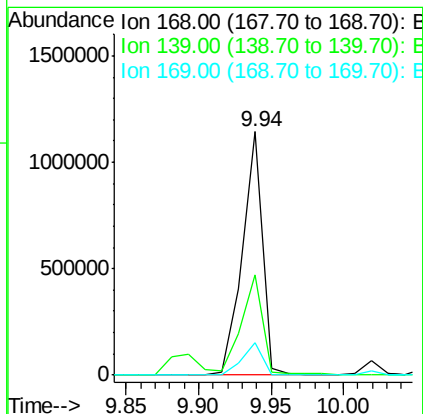
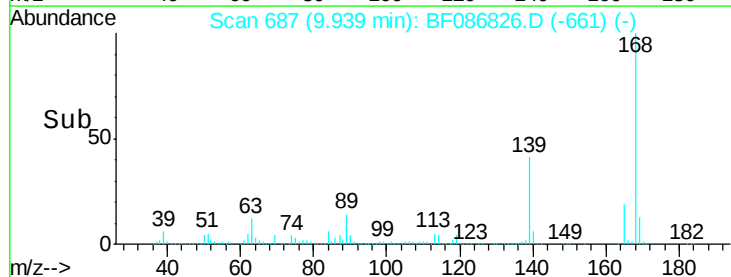


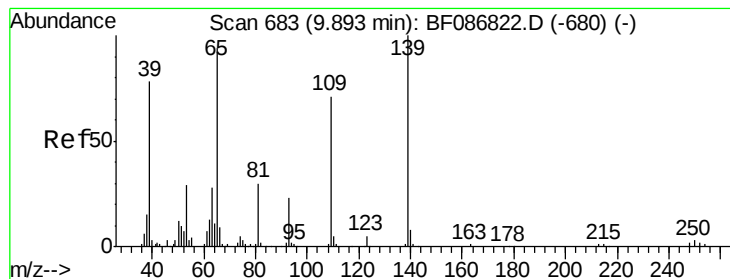
#54
 Dibenzofuran
 Concen: 41.80 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion:168 Resp: 1106024
 Ion Ratio Lower Upper
 168 100
 139 41.1 31.4 47.0
 169 13.5 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: 41.02 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

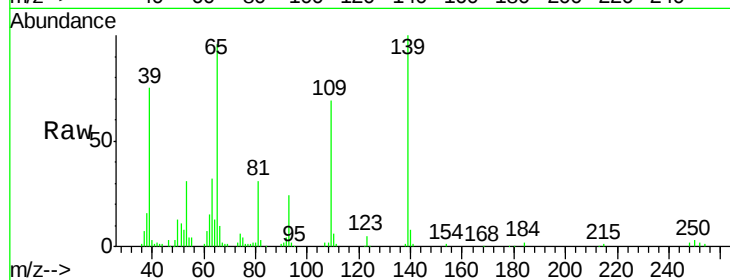
Tot Ion:139 Resp: 157536

Ion Ratio Lower Upper

139 100

109 69.4 36.9 76.9

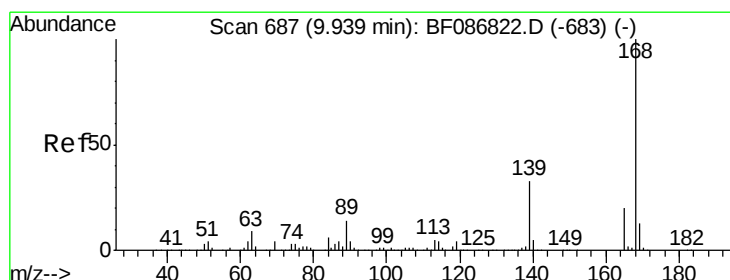
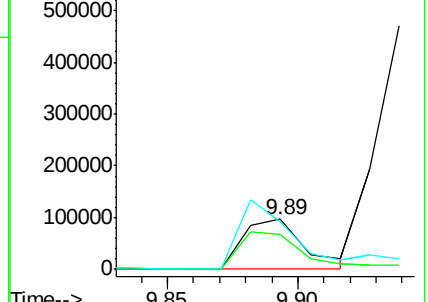
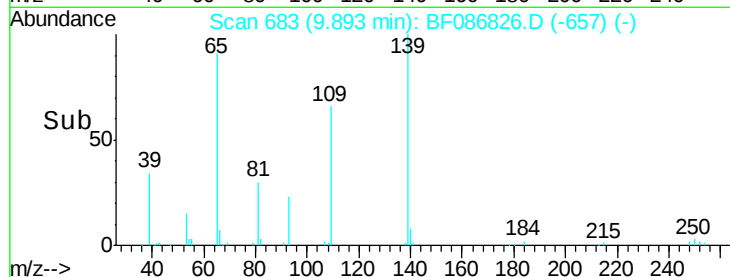
65 95.9 64.0 104.0



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: 39.38 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:165 Resp: 282872

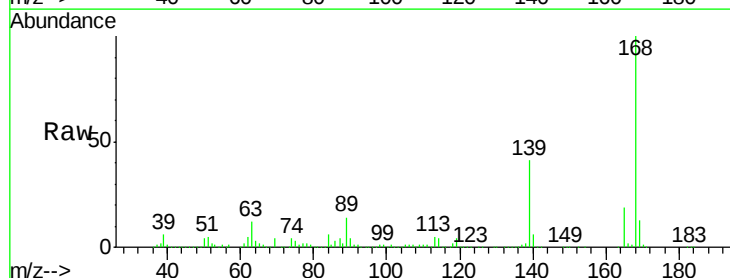
Ion Ratio Lower Upper

165 100

63 64.7 44.3 66.5

89 71.7 70.0 105.0

182 2.6 1.8 2.6

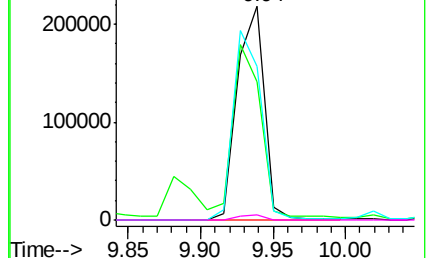
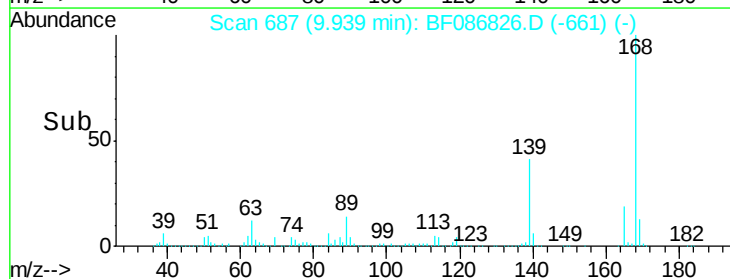


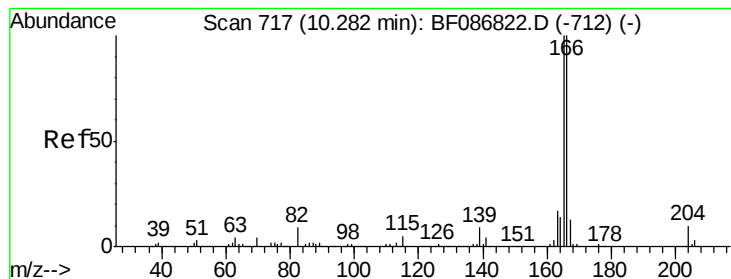
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.17 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

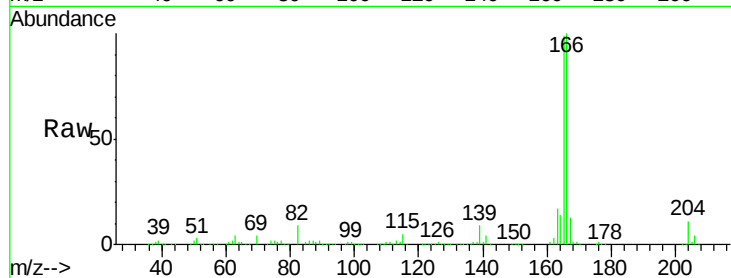
Tot Ion:166 Resp: 928962

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

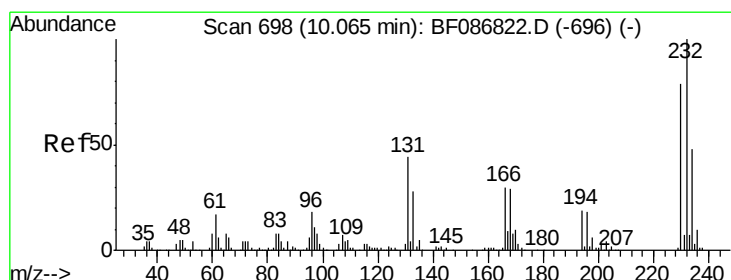
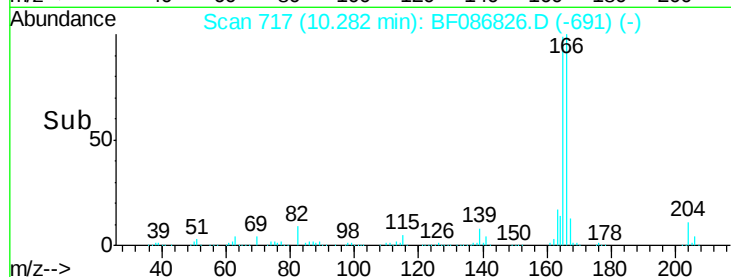
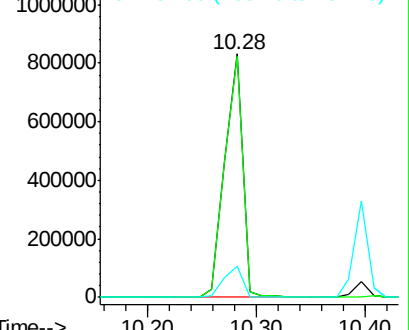
167 13.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.32 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion:232 Resp: 220636

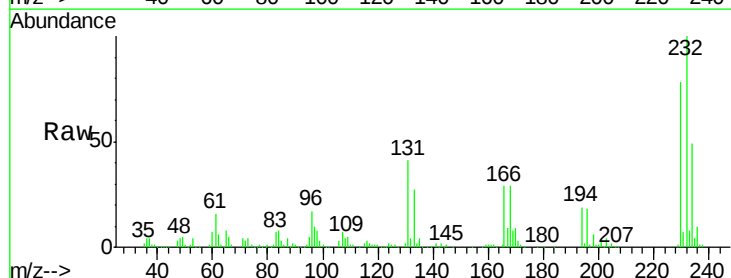
Ion Ratio Lower Upper

232 100

131 51.2 41.9 62.9

130 2.6 2.2 3.4

166 32.2 26.8 40.2

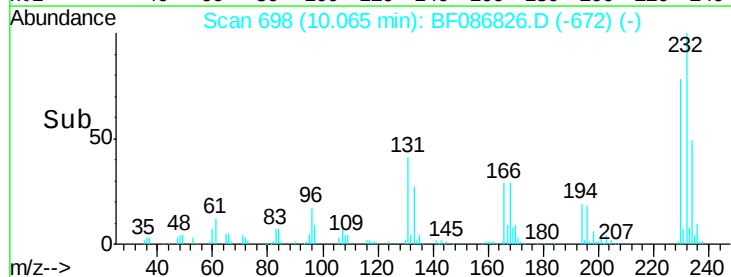
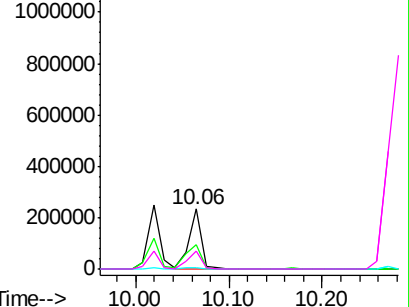


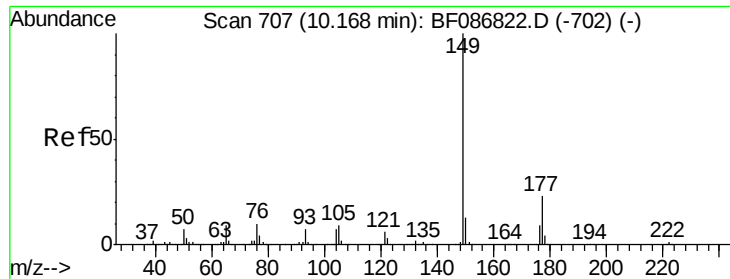
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

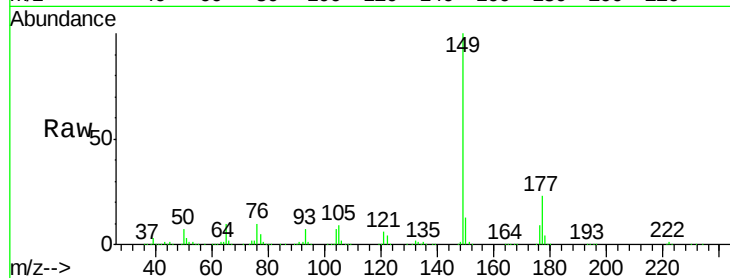




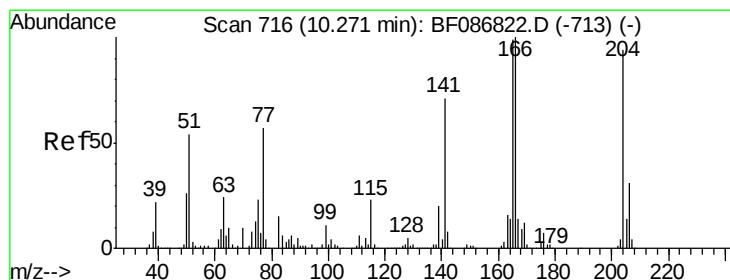
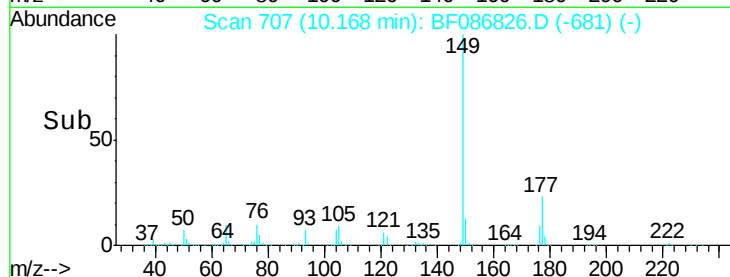
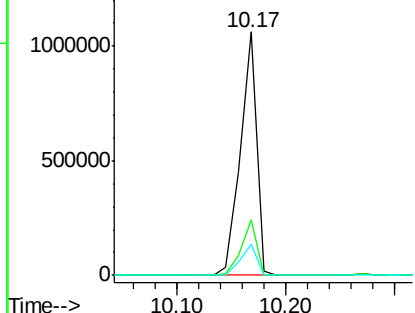
#59
Diethylphthalate
Concen: 40.11 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion:149 Resp: 1077977
Ion Ratio Lower Upper
149 100
177 22.9 16.6 24.8
150 12.7 10.0 15.0

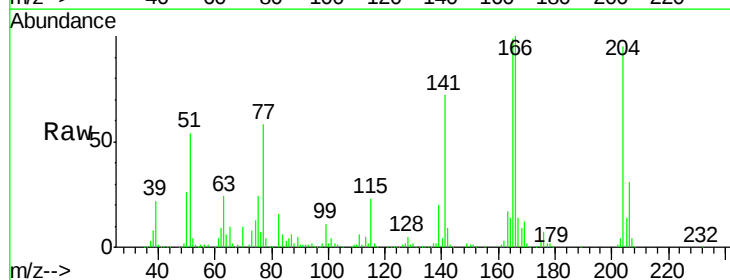


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

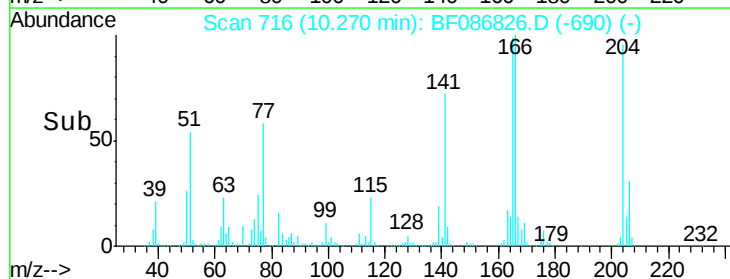
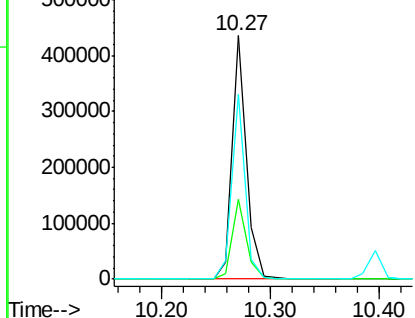


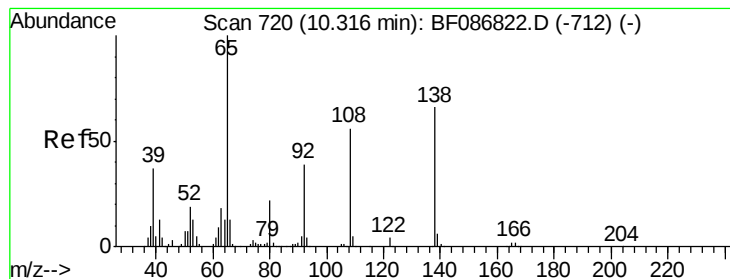
#60
4-Chlorophenyl-phenylether
Concen: 38.32 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion:204 Resp: 390532
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 75.7 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: 42.24 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

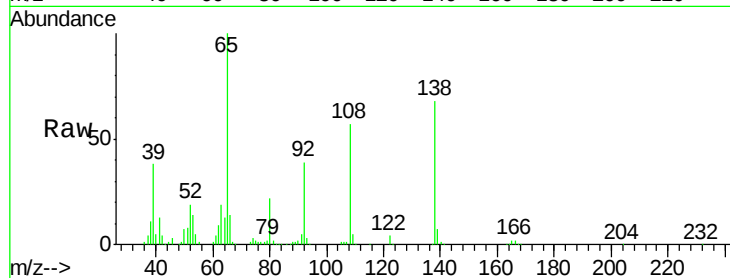
Tot Ion:138 Resp: 247896

Ion Ratio Lower Upper

138 100

92 57.9 24.7 64.7

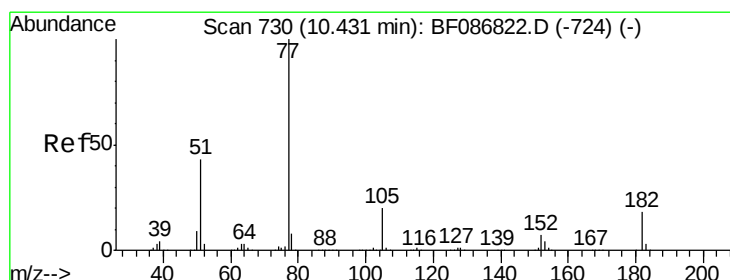
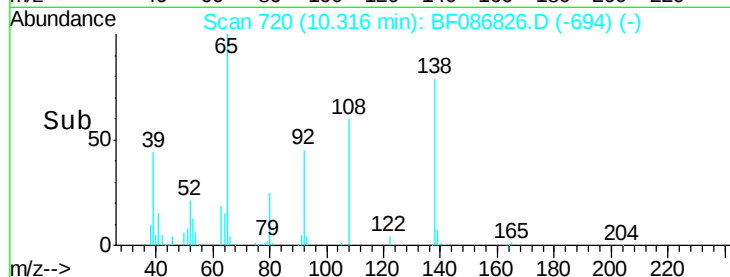
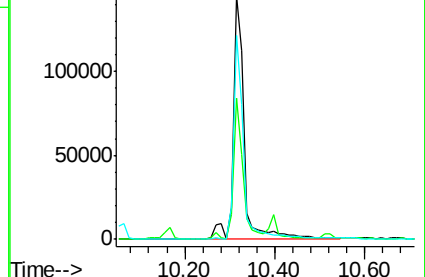
108 83.6 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.88 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Tgt Ion: 77 Resp: 1127392

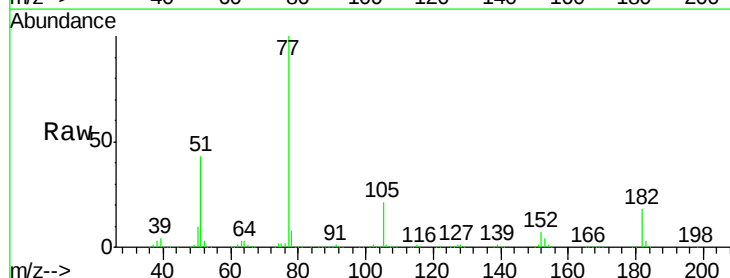
Ion Ratio Lower Upper

77 100

182 18.4 0.0 38.8

105 20.6 3.2 43.2

51 43.3 8.8 48.8

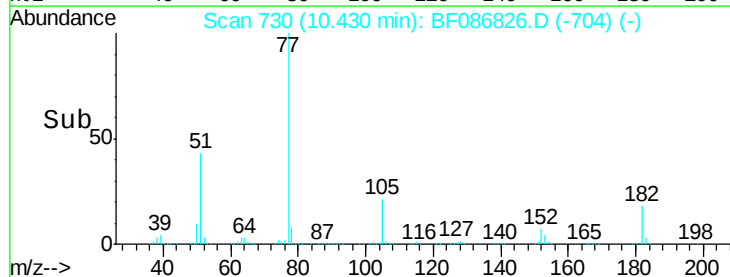
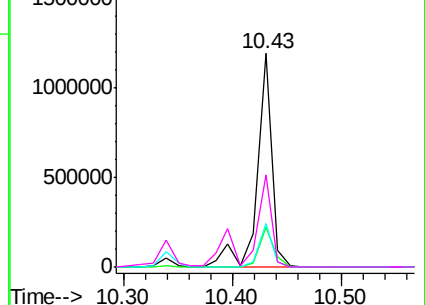


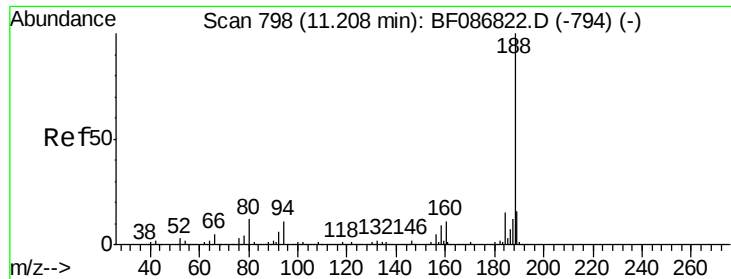
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

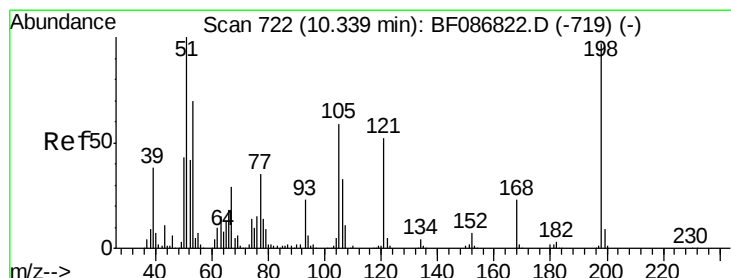
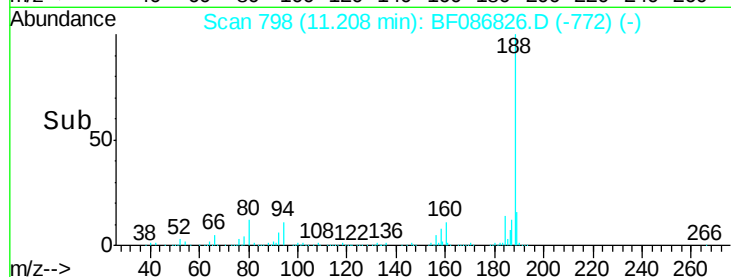
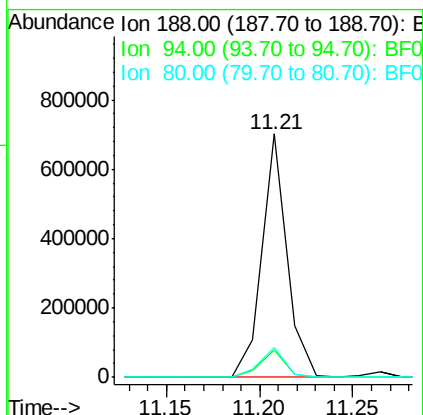
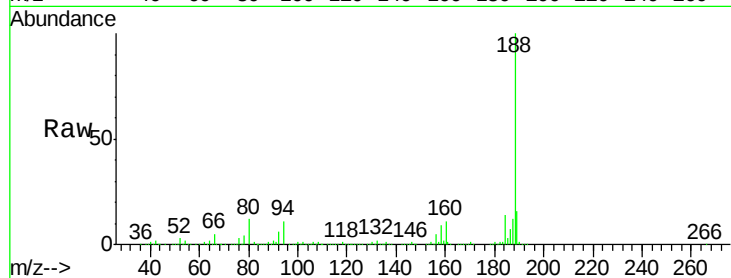




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

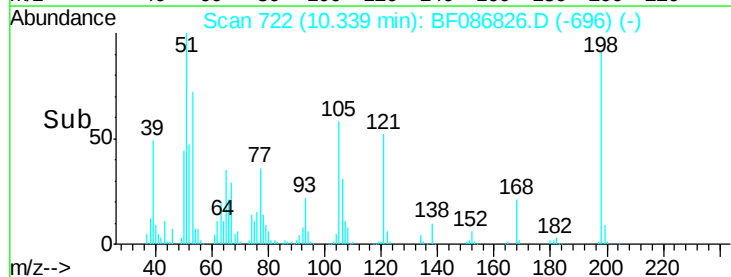
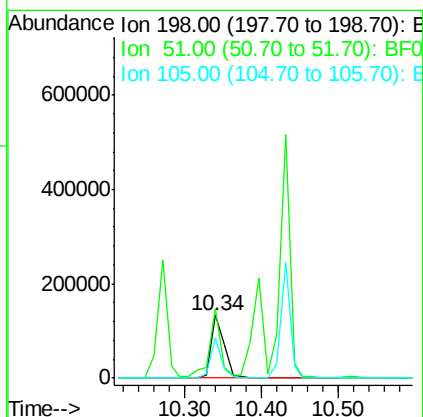
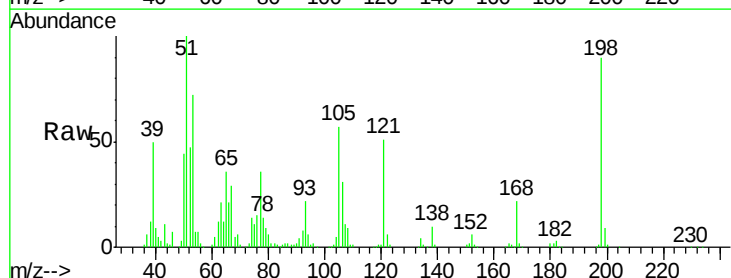
Instrument :
BNA_F
ClientSampleId :
ICVBF050916

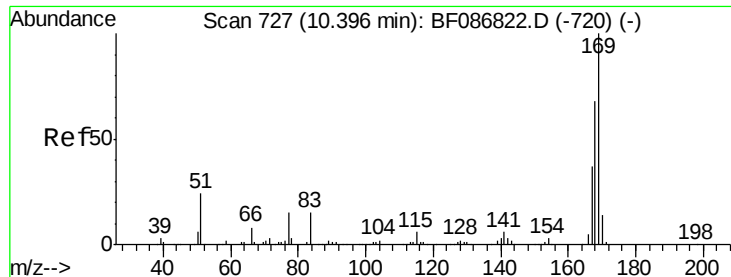
Tot Ion:188 Resp: 663722
Ion Ratio Lower Upper
188 100
94 11.1 6.8 10.2#
80 12.2 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.13 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion:198 Resp: 157205
Ion Ratio Lower Upper
198 100
51 110.8 20.5 60.5#
105 63.6 24.5 64.5

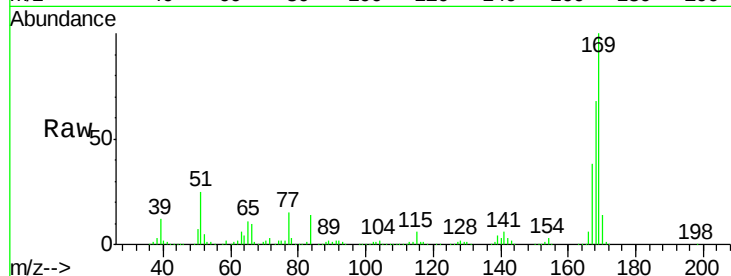




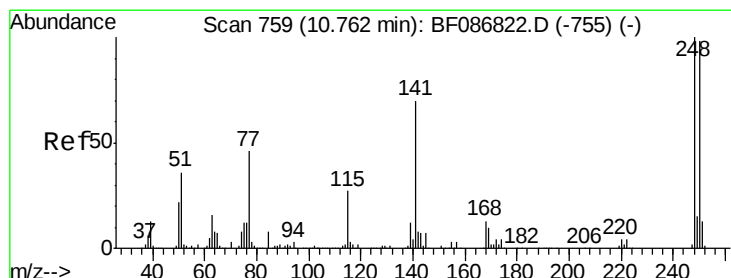
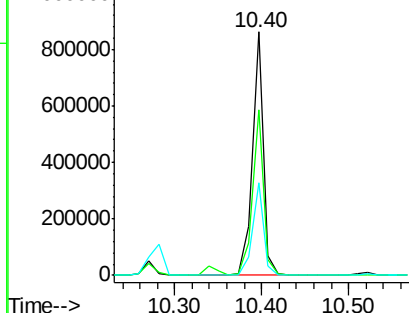
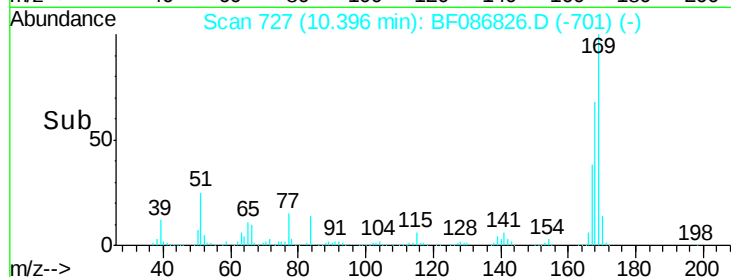
#65
 n-Nitrosodiphenylamine
 Concen: 38.05 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.8	80.6
167	38.0	29.5	44.3

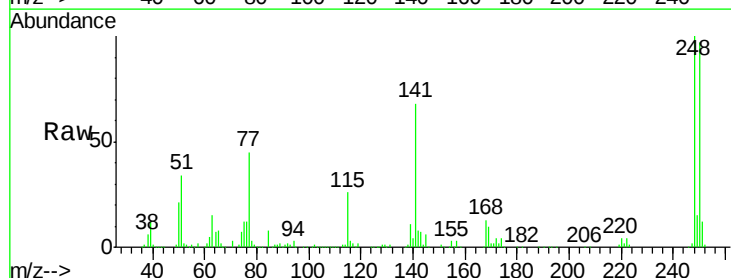


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

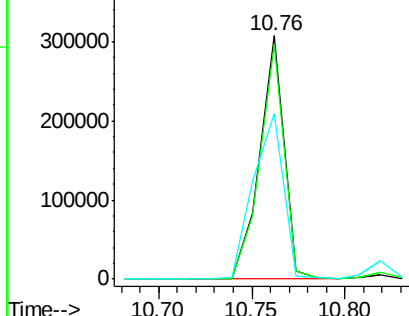
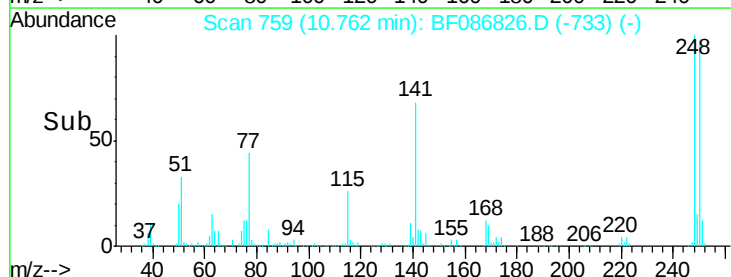


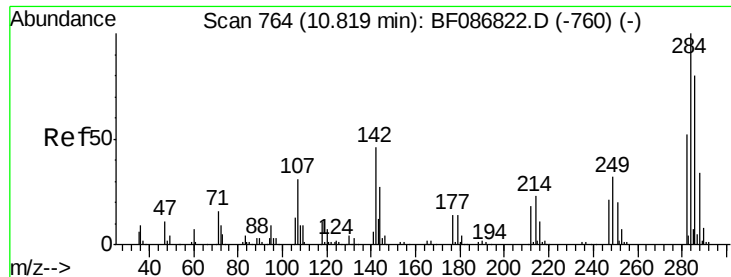
#66
 4-Bromophenyl-phenylether
 Concen: 41.21 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.6	117.8
141	67.8	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

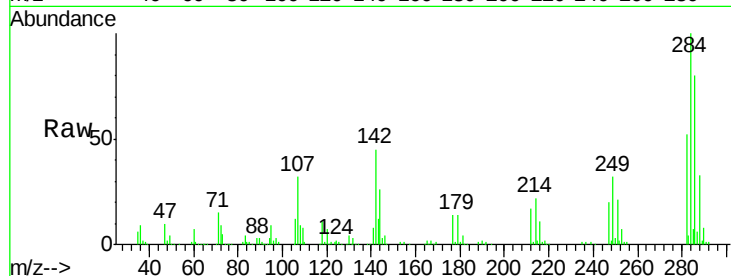




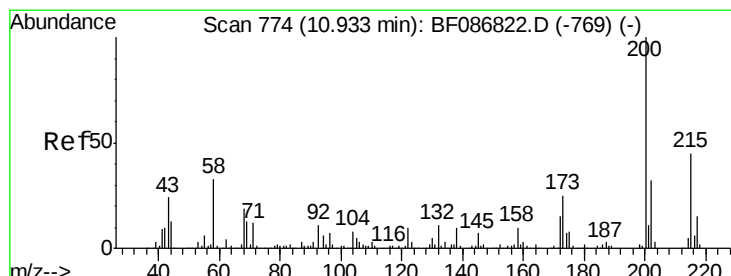
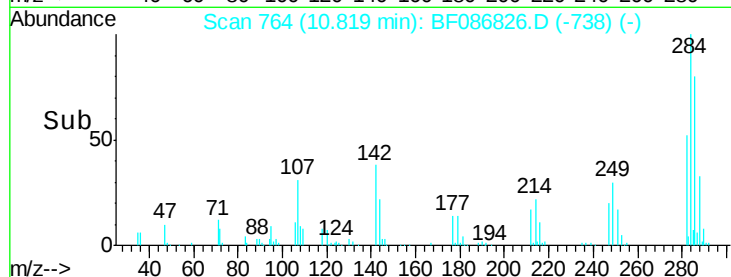
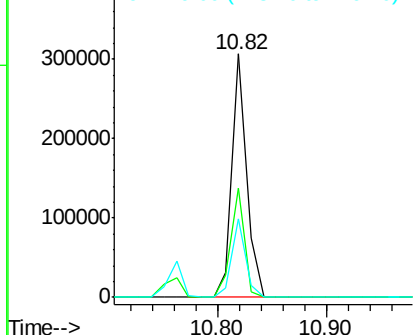
#67
Hexachlorobenzene
Concen: 36.25 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion:284 Resp: 285072
Ion Ratio Lower Upper
284 100
142 44.7 16.7 25.1#
249 32.3 21.3 31.9#

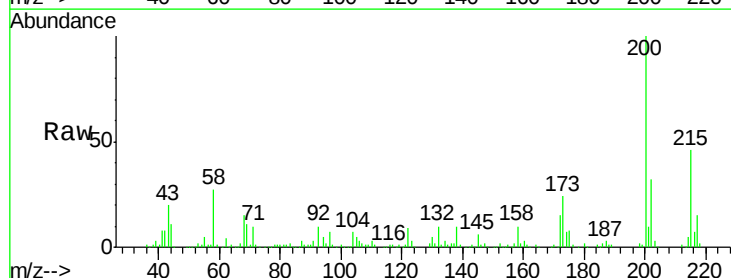


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

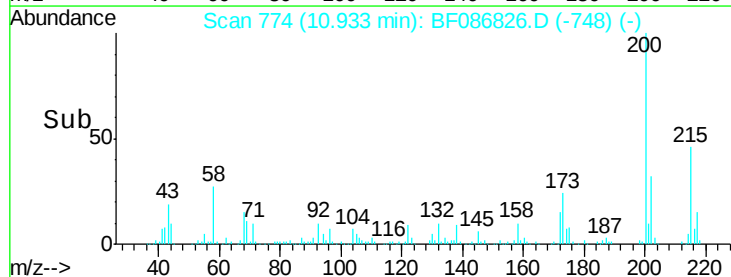
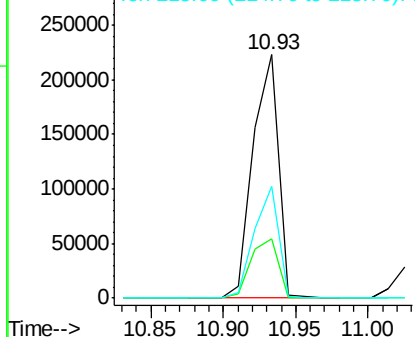


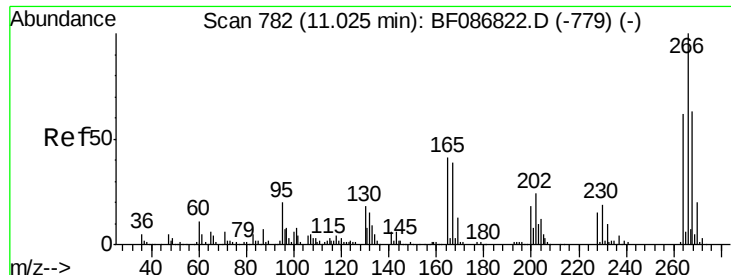
#68
Atrazine
Concen: 39.88 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion:200 Resp: 271659
Ion Ratio Lower Upper
200 100
173 24.4 8.5 48.5
215 46.0 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

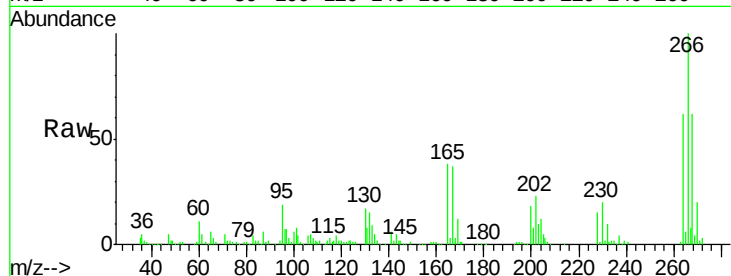




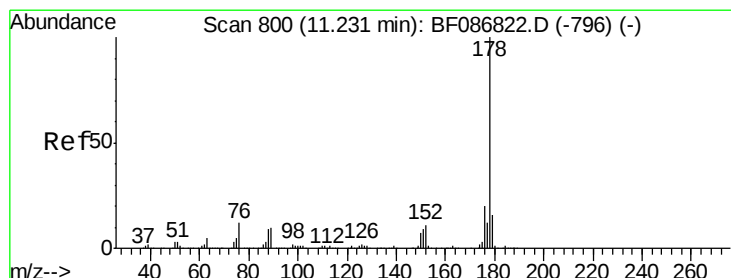
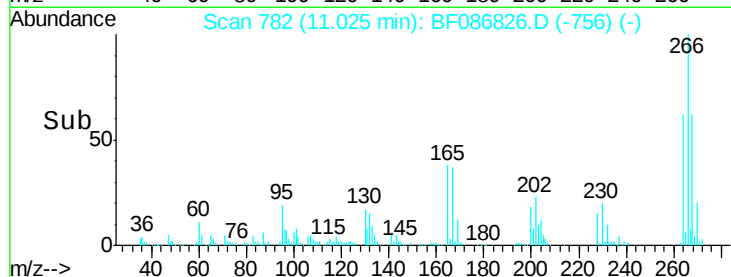
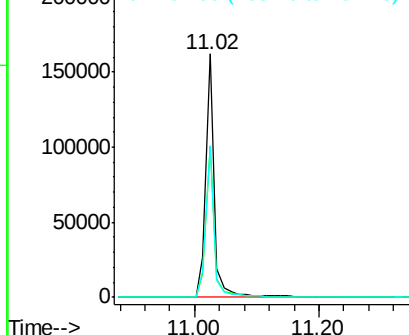
#69
 Pentachlorophenol
 Concen: 43.61 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion:266 Resp: 158507
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.5 77.3
 264 62.0 52.9 79.3

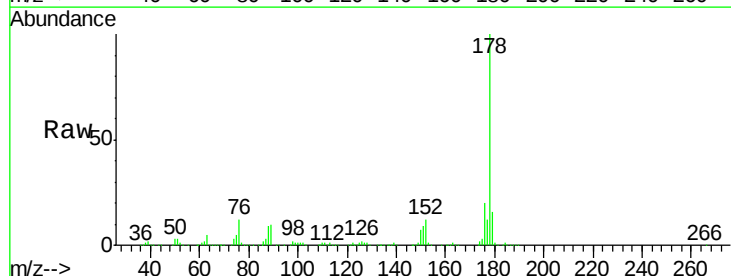


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

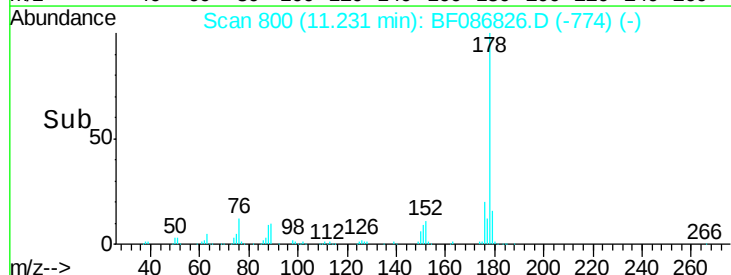
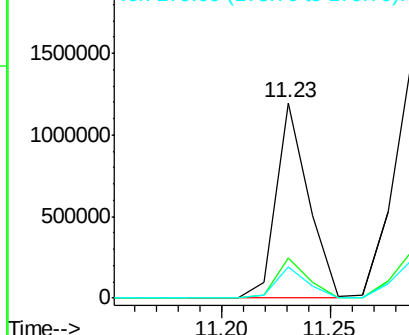


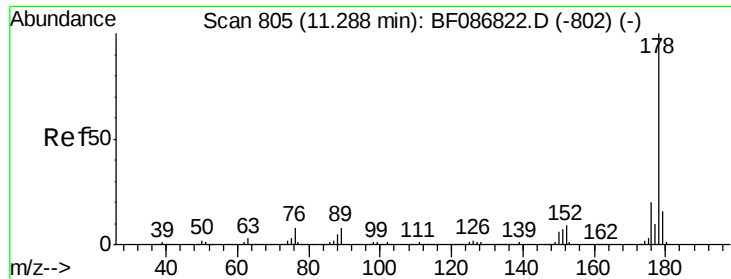
#70
 Phenanthrene
 Concen: 35.14 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion:178 Resp: 1244515
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.0 12.6 18.8



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





#71

Anthracene

Concen: 40.39 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

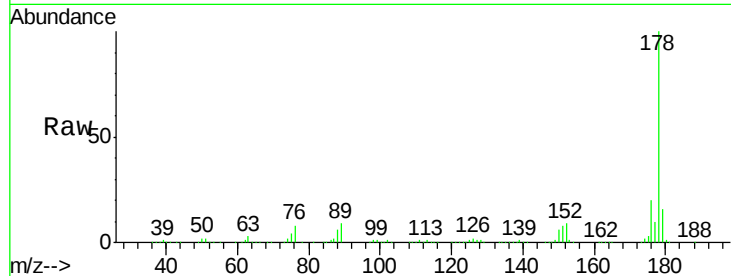
Tot Ion:178 Resp: 1463056

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

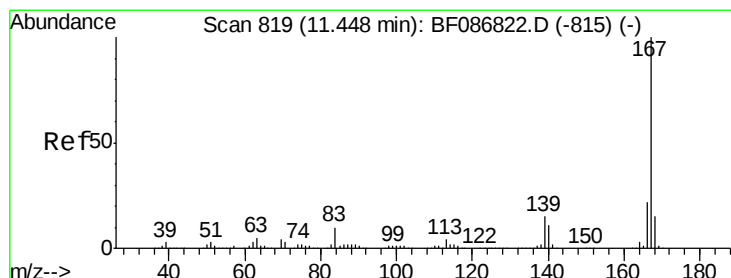
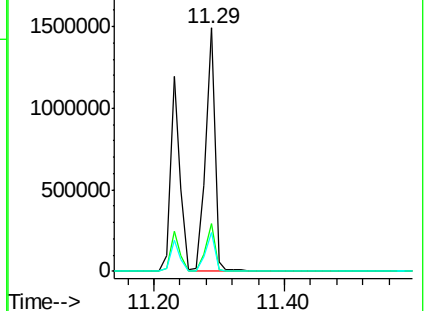
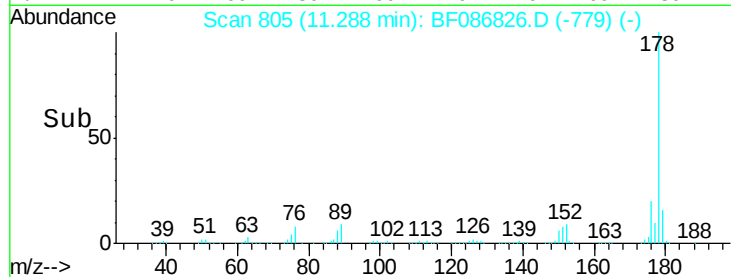
179 15.8 12.7 19.1



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: 38.70 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

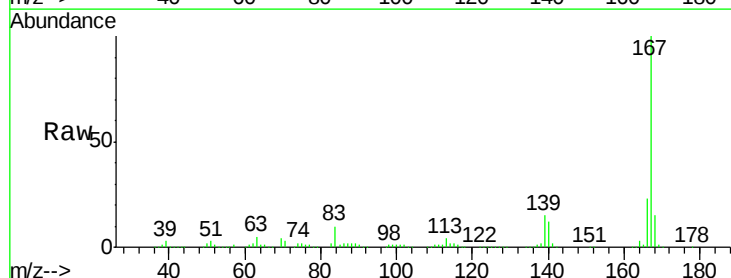
Tgt Ion:167 Resp: 1205263

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

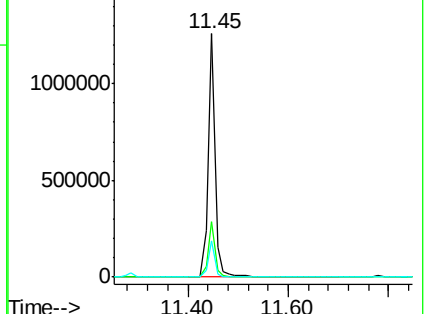
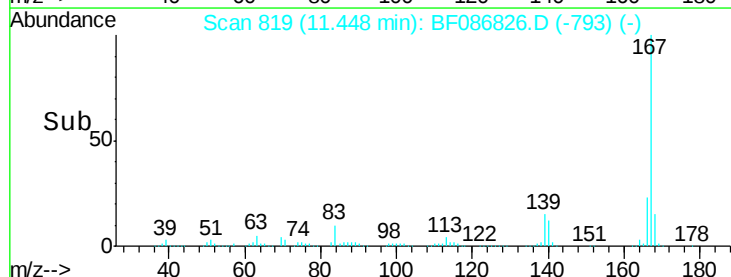
139 14.7 10.8 16.2

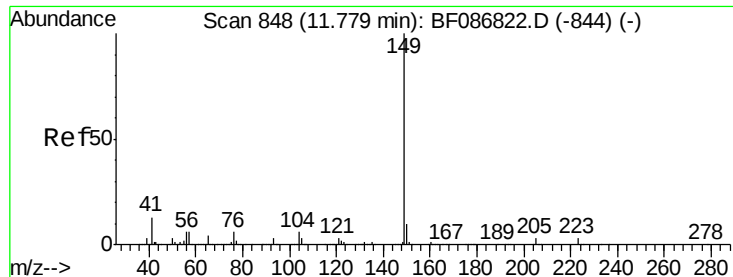


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.18 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

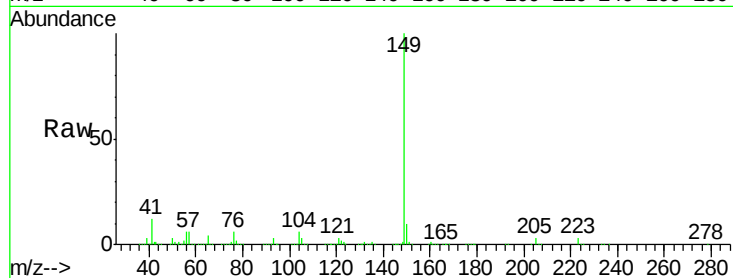
Tot Ion:149 Resp: 1489820

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

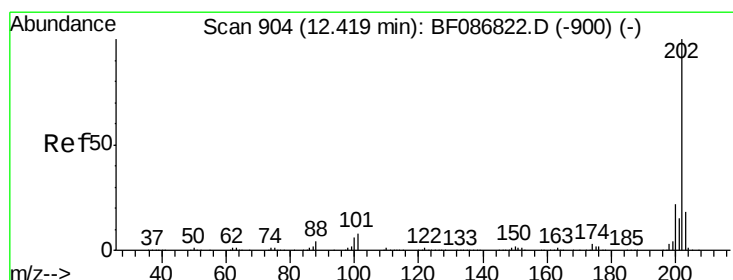
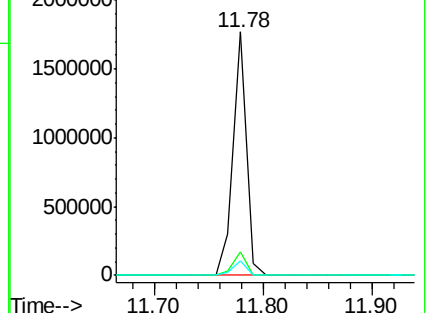
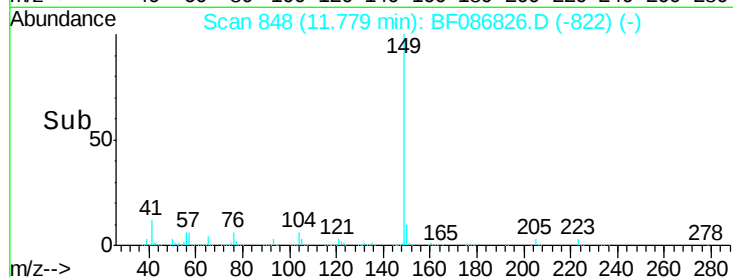
104 6.0 3.8 5.6#



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: 41.07 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

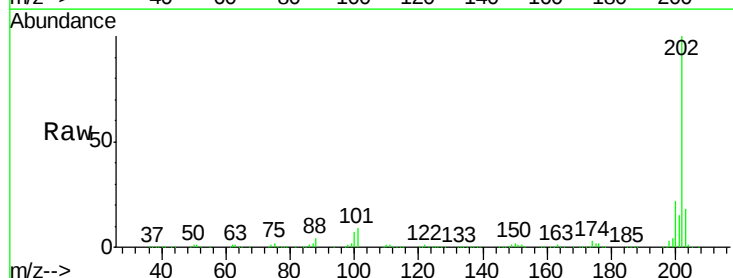
Tgt Ion:202 Resp: 1496210

Ion Ratio Lower Upper

202 100

101 9.1 0.0 35.4

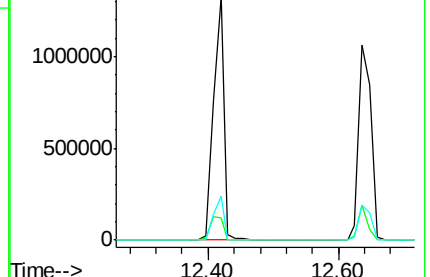
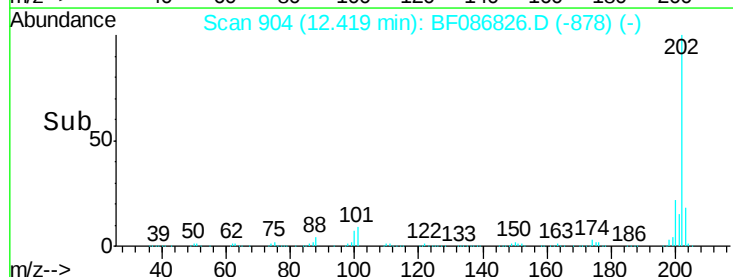
203 17.8 0.0 38.1

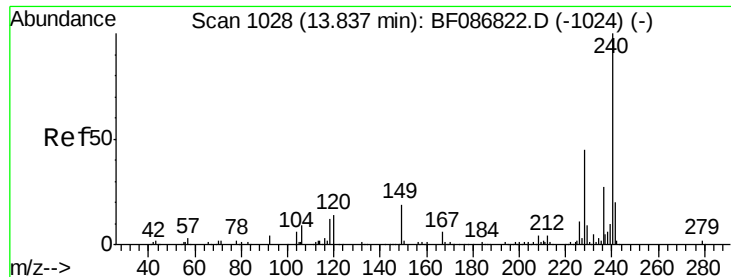


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

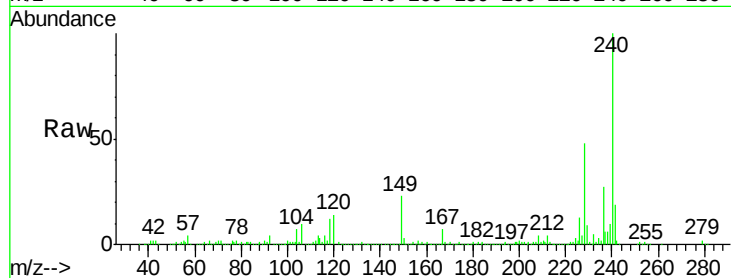
Tot Ion:240 Resp: 493762

Ion Ratio Lower Upper

240 100

120 13.6 11.2 16.8

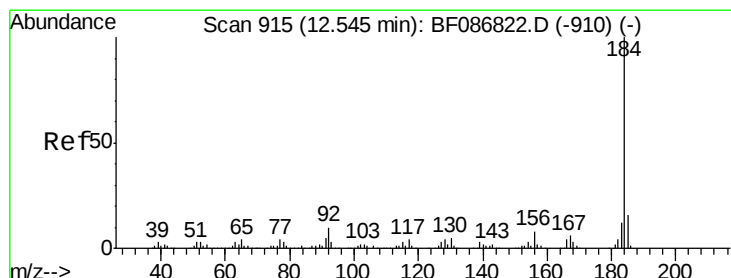
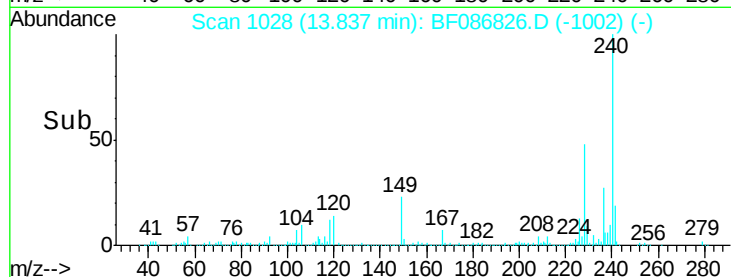
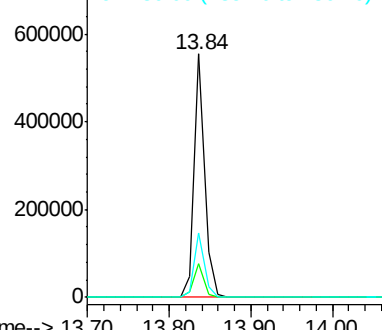
236 26.7 21.2 31.8



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: 43.28 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

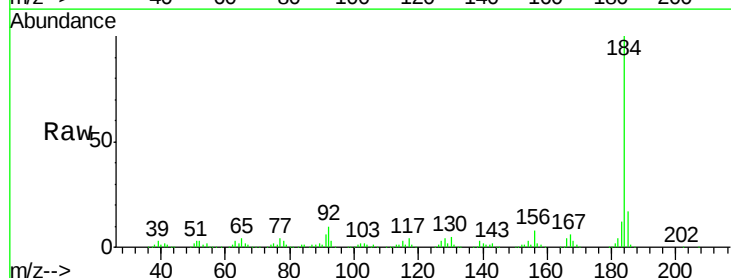
Tgt Ion:184 Resp: 544842

Ion Ratio Lower Upper

184 100

185 17.1 13.6 20.4

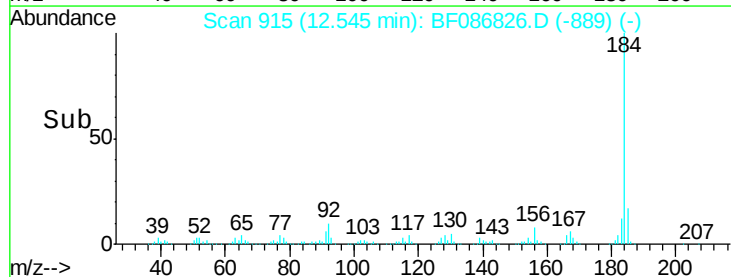
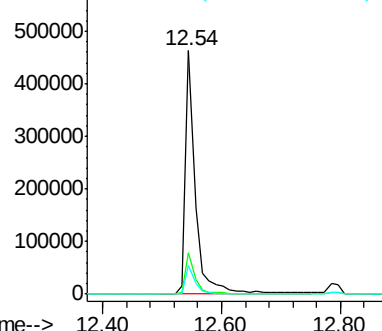
183 11.7 9.8 14.6

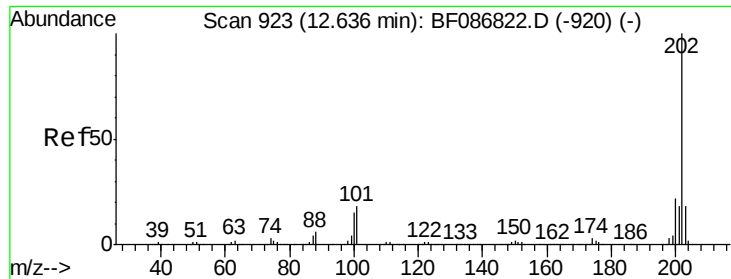


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

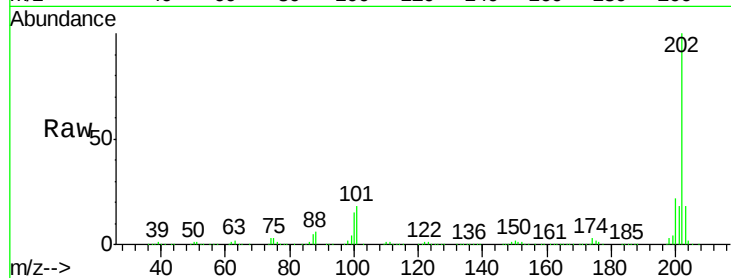




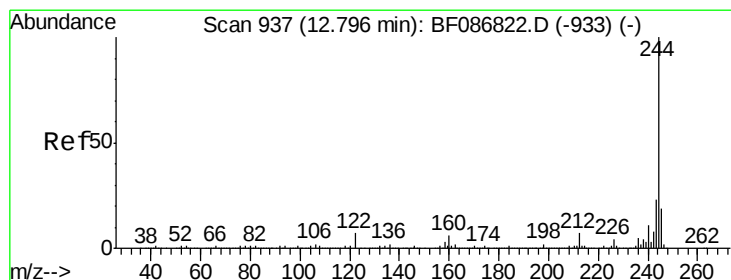
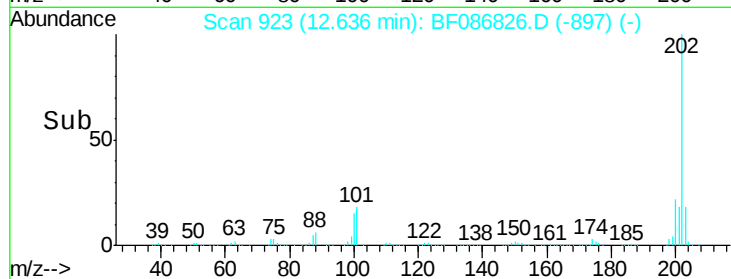
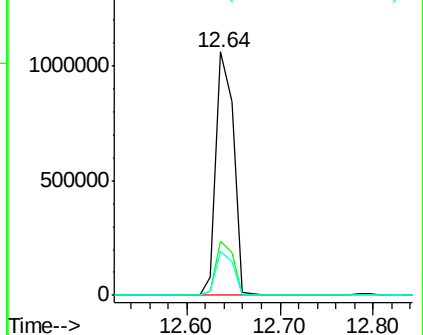
#77
Pvrene
Concen: 36.59 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
ICVBF050916

Tot Ion:202 Resp: 1383006
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.2 14.2 21.4

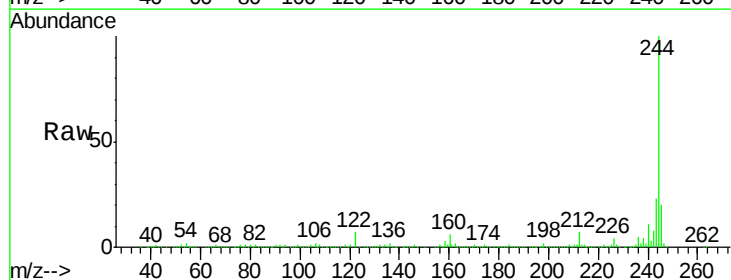


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

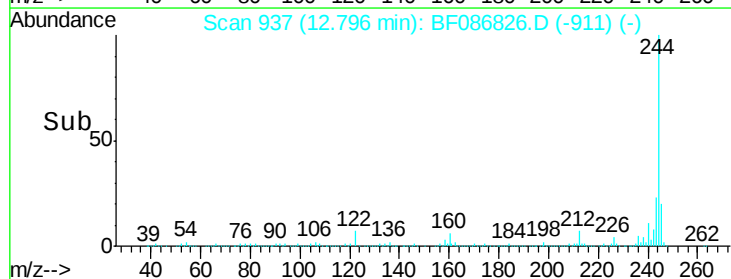
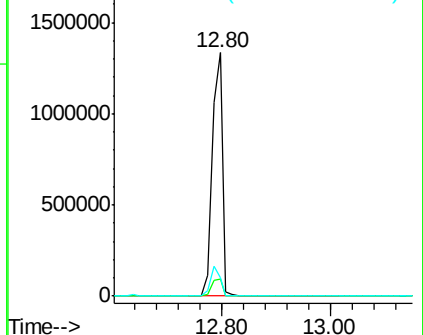


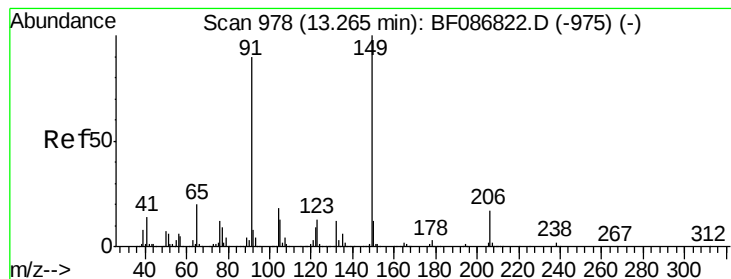
#78
Terphenyl-d14
Concen: 75.47 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF086826.D
Acq: 9 May 2016 15:35

Tgt Ion:244 Resp: 1756237
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 7.3 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.71 ng

RT: 13.27 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

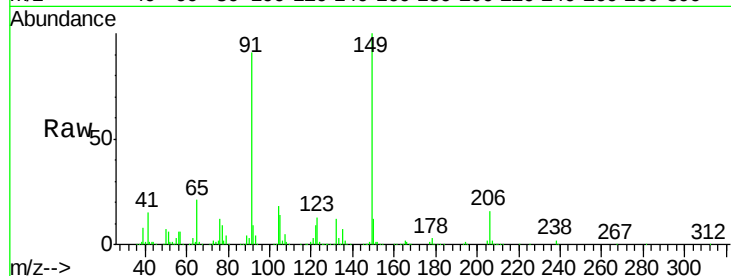
Tot Ion:149 Resp: 587006

Ion Ratio Lower Upper

149 100

91 90.9 48.0 72.0#

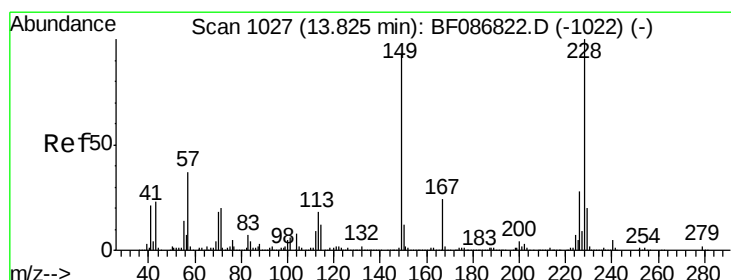
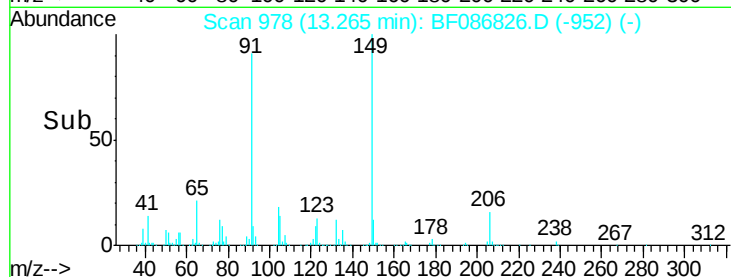
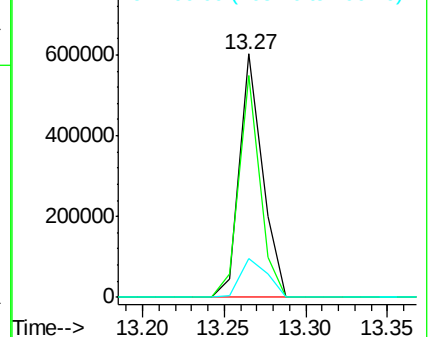
206 16.1 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.39 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

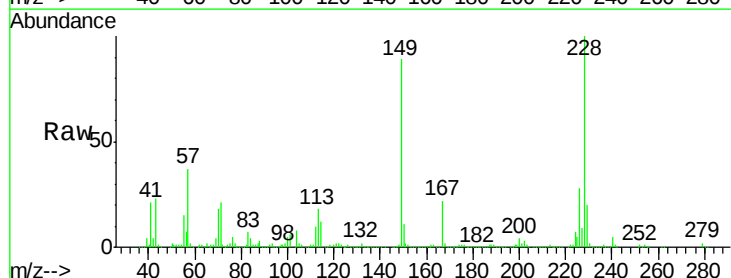
Tgt Ion:228 Resp: 1036508

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

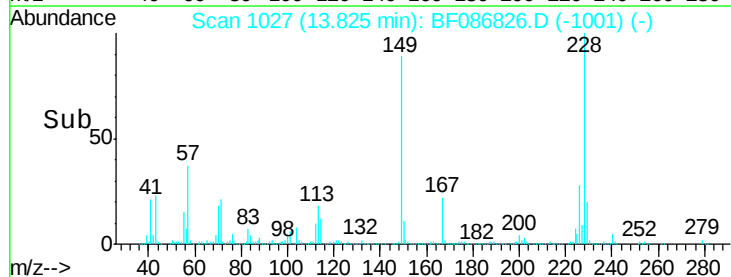
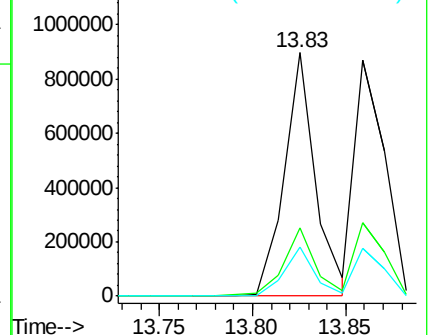
229 20.0 16.6 25.0

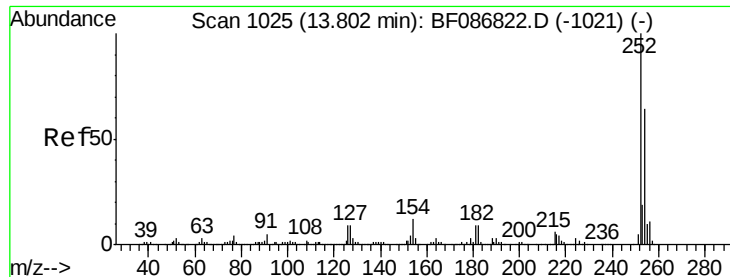


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 39.97 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

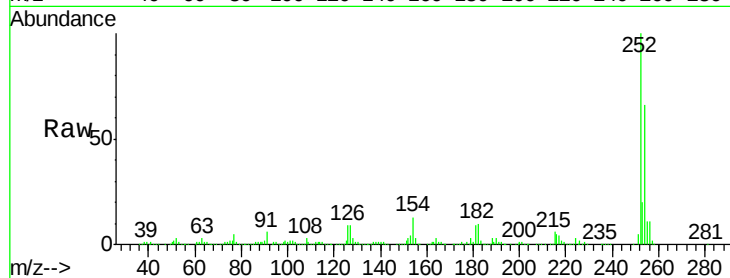
Tot Ion:252 Resp: 703881

Ion Ratio Lower Upper

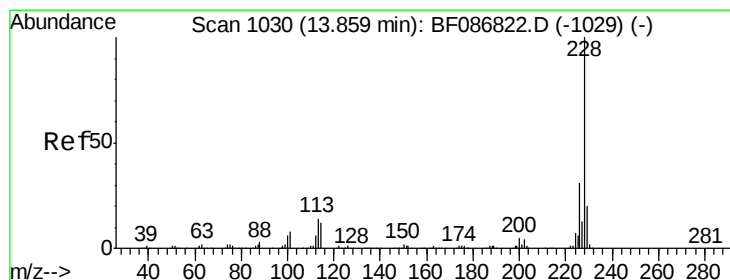
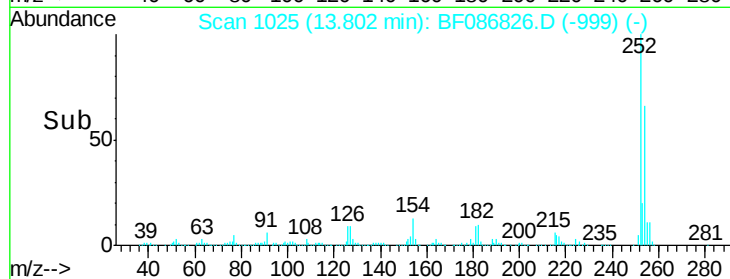
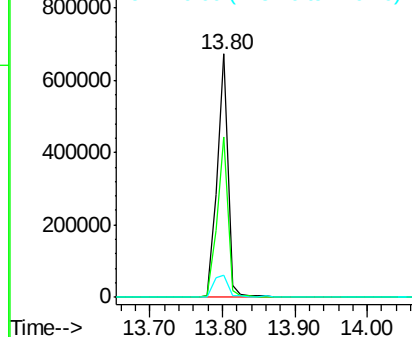
252 100

254 65.8 50.7 76.1

126 9.1 12.7 19.1#



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



#82

Chrysene

Concen: 35.36 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

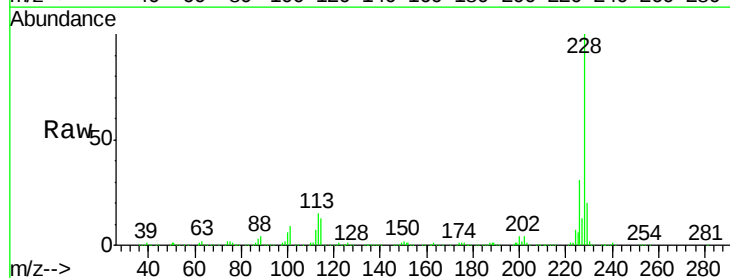
Tgt Ion:228 Resp: 996875

Ion Ratio Lower Upper

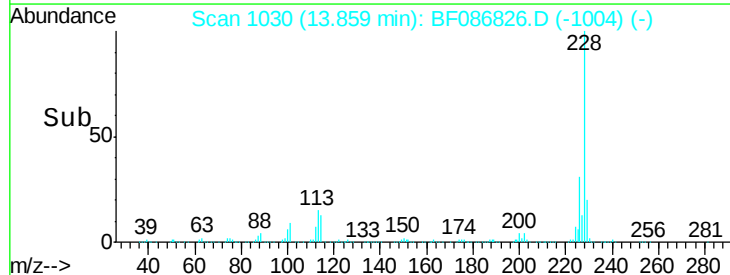
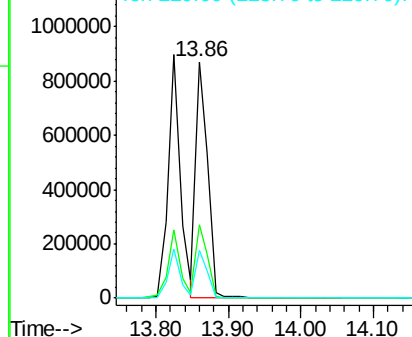
228 100

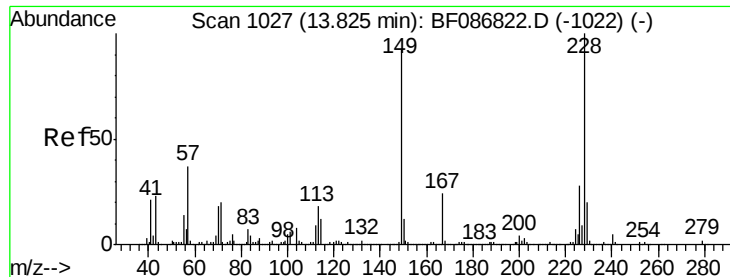
226 31.4 24.4 36.6

229 20.2 15.8 23.8



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

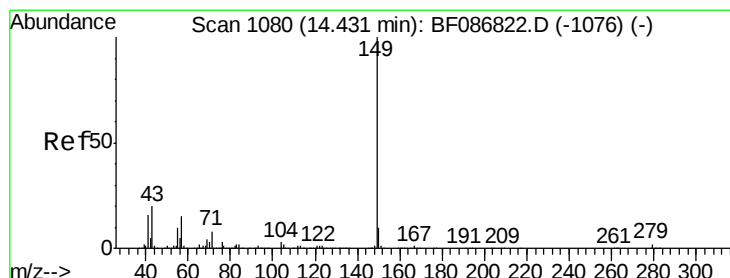
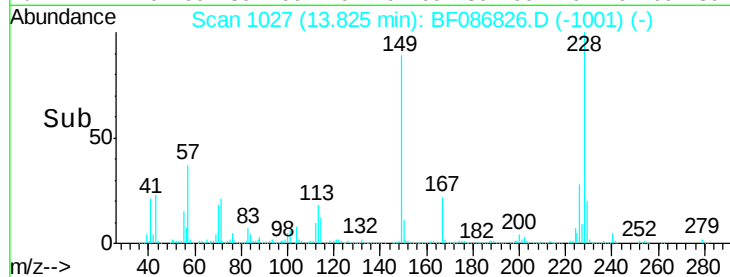
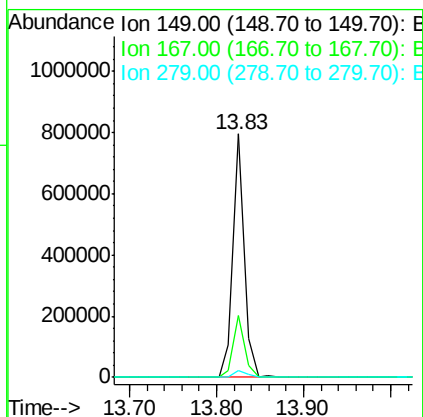
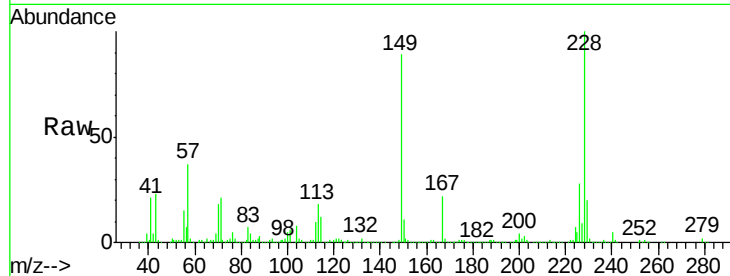




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.10 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

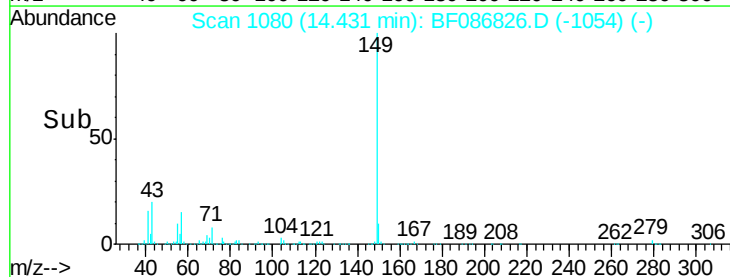
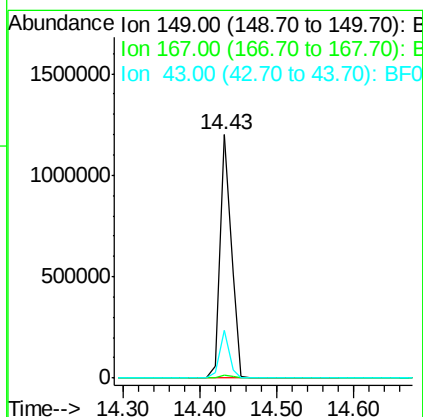
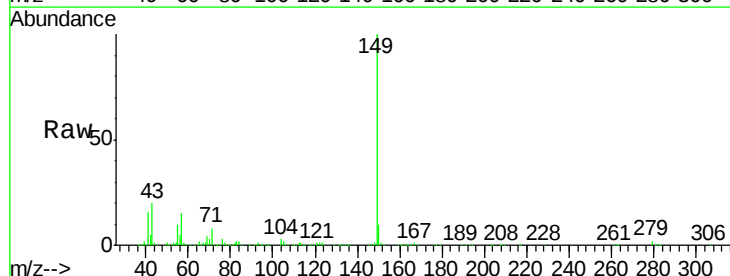
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

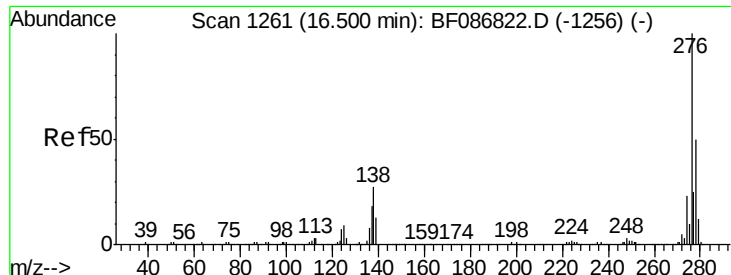
Tot Ion:149 Resp: 713609
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 2.6 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 38.55 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion:149 Resp: 1228162
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 17.3 8.2 12.4#

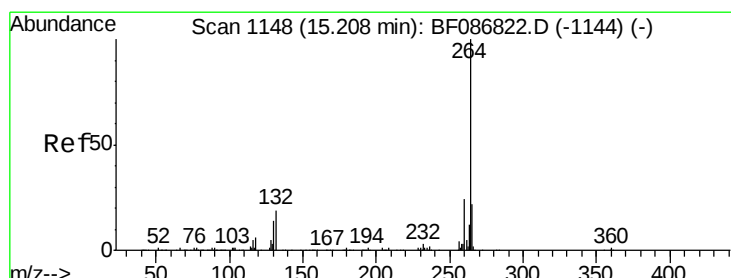
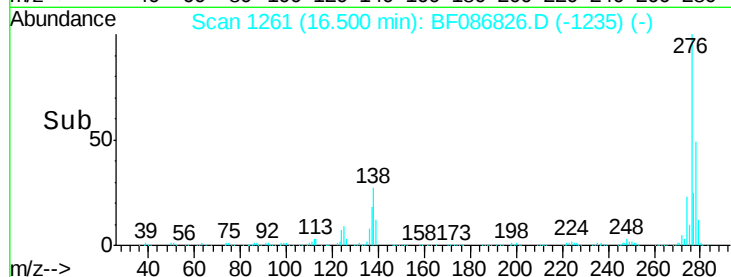
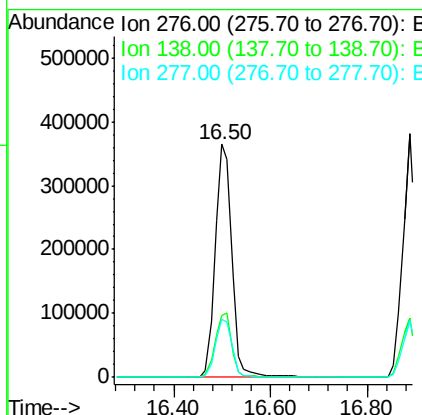
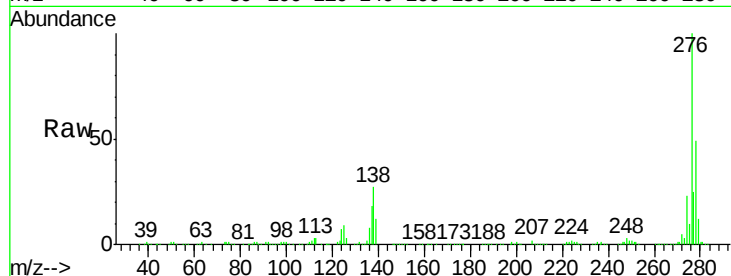




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

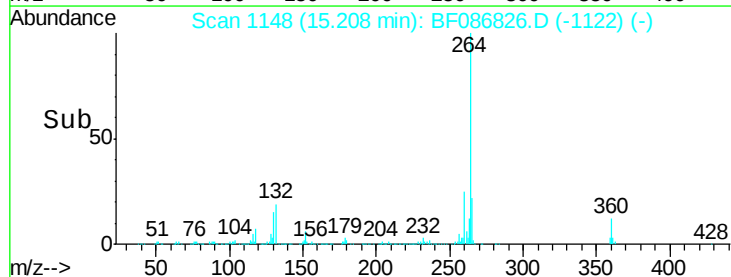
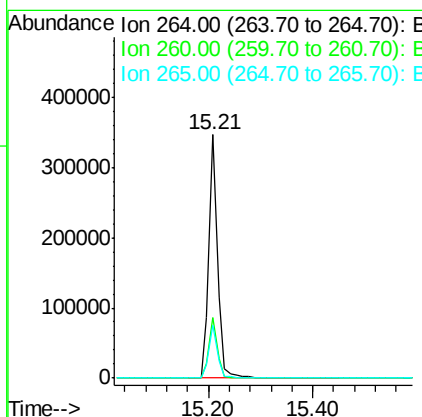
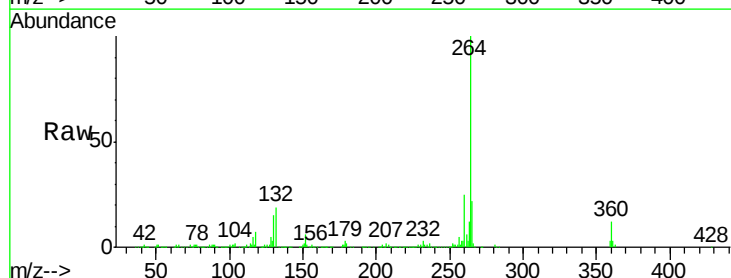
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

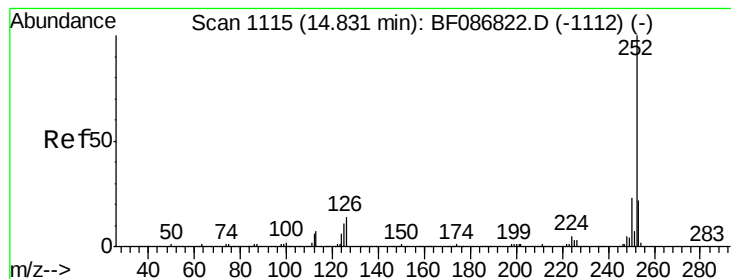
Tot Ion:276 Resp: 886737
 Ion Ratio Lower Upper
 276 100
 138 27.6 25.6 38.4
 277 25.2 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Tgt Ion:264 Resp: 400991
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 69.72 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

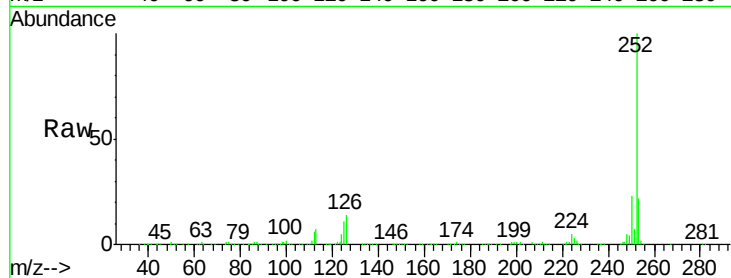
Tot Ion:252 Resp: 1816997

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

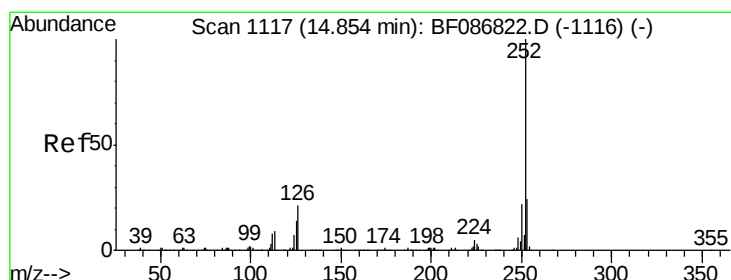
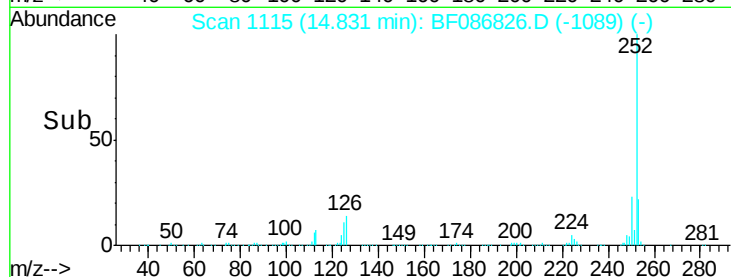
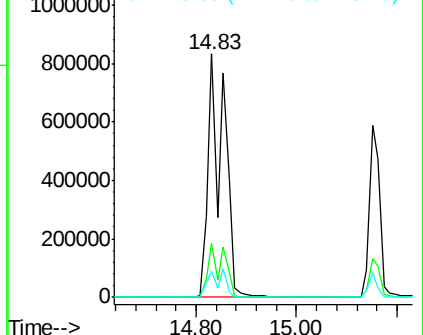
125 10.6 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 85.20 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

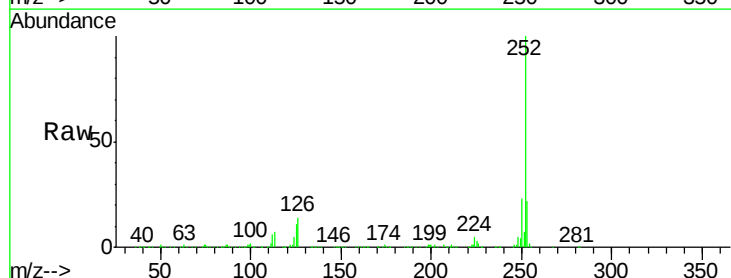
Tgt Ion:252 Resp: 1818125

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

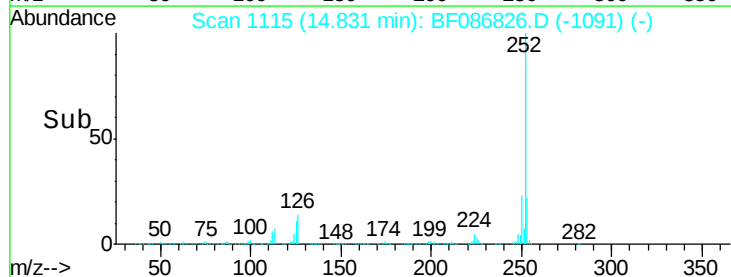
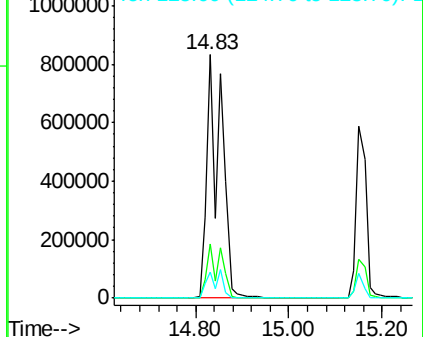
125 10.6 9.1 13.7

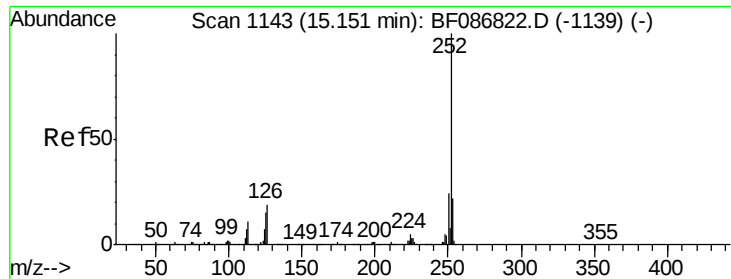


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.71 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

ICVBF050916

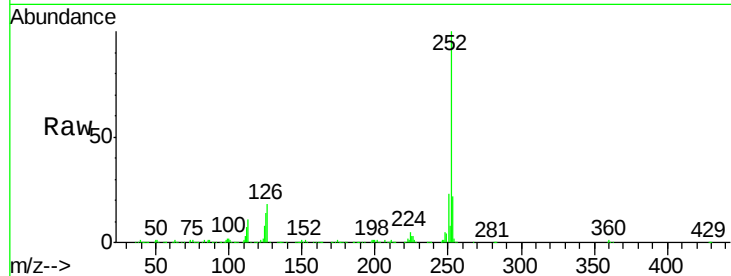
Tot Ion:252 Resp: 847586

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

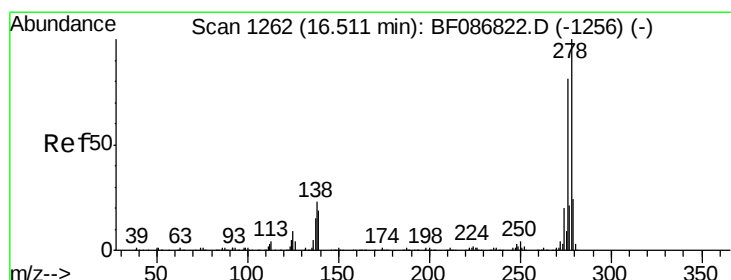
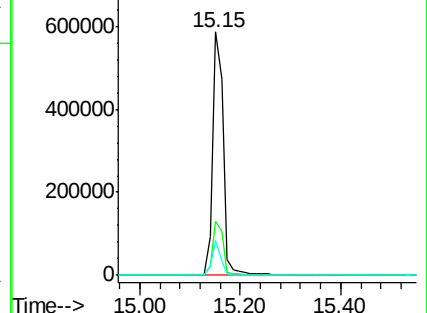
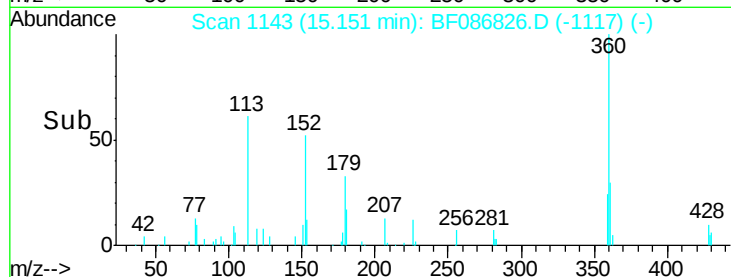
125 14.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.35 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF086826.D

Acq: 9 May 2016 15:35

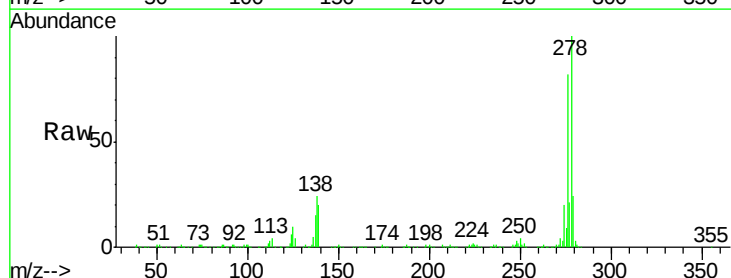
Tgt Ion:278 Resp: 726532

Ion Ratio Lower Upper

278 100

139 19.9 16.6 24.8

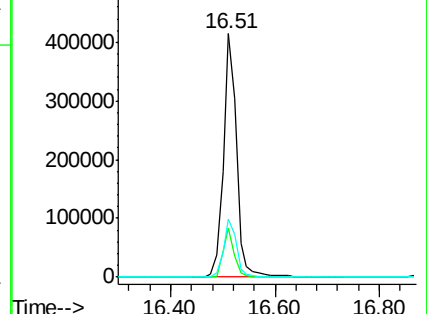
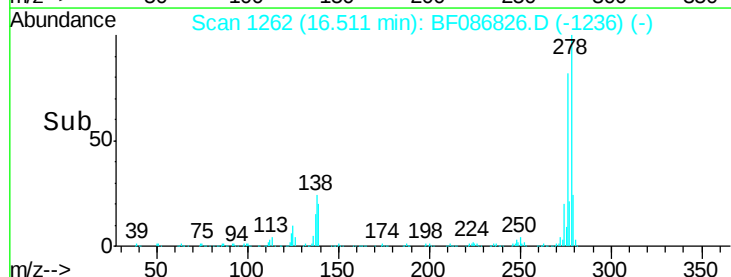
279 23.8 19.6 29.4

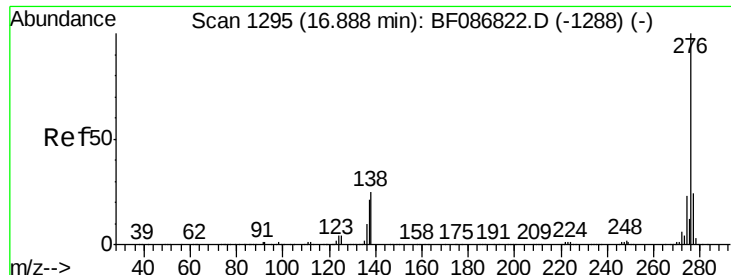


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.56 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF086826.D
 Acq: 9 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050916

Tot Ion	Ion	Ratio	Lower	Upper
742202	276	100		
	277	23.5	19.6	29.4
	138	24.4	23.6	35.4

