

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087238.D
 Acq On : 20 May 2016 21:54
 Operator : UM/SJ
 Sample : PB90666BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

Quant Time: May 21 00:47:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	121502	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	528471	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	257725	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	509755	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	360947	20.00	ng	-0.06
86) Perylene-d12	15.04	264	278466	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	612264	84.70	ng	-0.04
7) Phenol-d6	6.23	99	769280	79.35	ng	-0.06
23) Nitrobenzene-d5	7.13	82	817104	77.06	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	221928	77.92	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1297367	83.37	ng	-0.06
78) Terphenyl-d14	12.65	244	1335602	83.70	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.06	88	118210	31.79	ng	# 57
3) Pyridine	2.66	79	349174	38.82	ng	# 61
4) n-Nitrosodimethylamine	2.64	42	270543	42.44	ng	# 50
6) Aniline	6.23	93	257546	20.91	ng	# 71
8) 2-Chlorophenol	6.34	128	378170	43.00	ng	83
10) Phenol	6.24	94	507258	41.62	ng	73
11) bis(2-Chloroethyl)ether	6.31	93	376182	41.11	ng	97
12) 1,3-Dichlorobenzene	6.49	146	366951m	39.25	ng	
13) 1,4-Dichlorobenzene	6.57	146	382446m	39.98	ng	
14) 1,2-Dichlorobenzene	6.73	146	337313	40.28	ng	97
15) Benzyl Alcohol	6.73	79	344247	47.70	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.84	45	719895	38.27	ng	72
17) 2-Methylphenol	6.86	107	303921	42.08	ng	# 82
18) Hexachloroethane	7.06	117	149969	41.01	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	313809	42.58	ng	# 73
20) 3+4-Methylphenols	7.02	107	426633	44.78	ng	# 59
22) Acetophenone	6.98	105	523772	40.50	ng	# 98
24) Nitrobenzene	7.15	77	442109	38.19	ng	98
25) Isophorone	7.39	82	785455	40.46	ng	98
26) 2-Nitrophenol	7.47	139	202667	42.26	ng	# 81
27) 2,4-Dimethylphenol	7.53	122	339860	41.52	ng	86
28) bis(2-Chloroethoxy)methane	7.61	93	447793	42.02	ng	# 97
29) 2,4-Dichlorophenol	7.72	162	336551	46.66	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	329918	41.22	ng	99
31) Naphthalene	7.86	128	1039478	40.26	ng	99
32) Benzoic acid	7.70	122	181282	37.16	ng	# 78
33) 4-Chloroaniline	7.94	127	150392	14.01	ng	97
34) Hexachlorobutadiene	7.99	225	192185	42.31	ng	97
35) Caprolactam	8.32	113	104733m	43.61	ng	
36) 4-Chloro-3-methylphenol	8.44	107	372382	42.80	ng	90
37) 2-Methylnaphthalene	8.56	142	736076	44.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	316687	42.07	ng	99
40) Hexachlorocyclopentadiene	8.71	237	230122	79.25	ng	95
42) 2,4,6-Trichlorophenol	8.86	196	206699	42.34	ng	92

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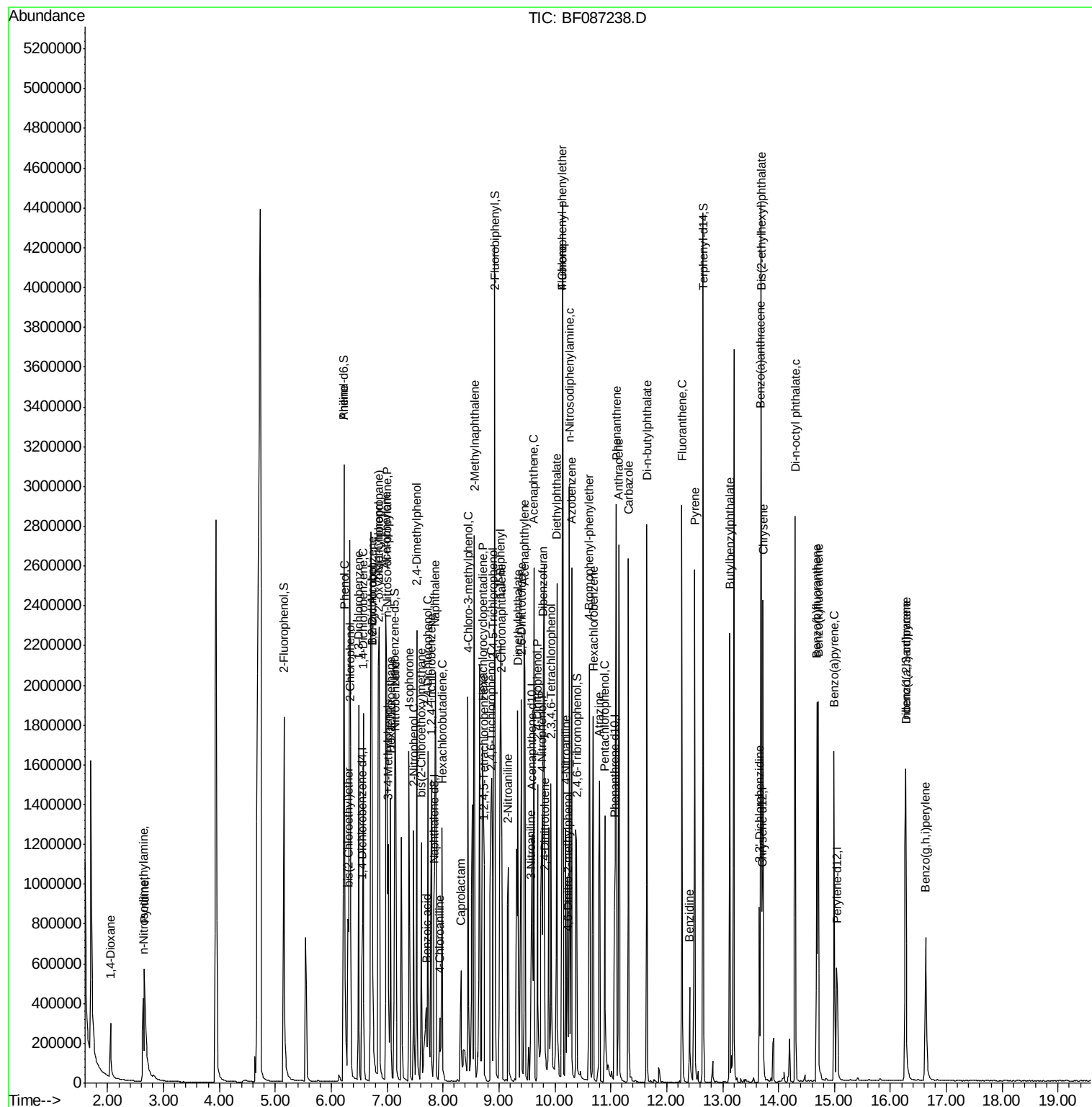
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	228106	44.98	nq	# 90
45) 1,1'-Biphenyl	9.03	154	925600	43.31	nq	99
46) 2-Chloronaphthalene	9.04	162	663679	40.45	nq	# 91
47) 2-Nitroaniline	9.16	65	269591	42.88	nq	94
48) Acenaphthylene	9.45	152	1001182	39.97	nq	99
49) Dimethylphthalate	9.34	163	837299	42.59	nq	99
50) 2,6-Dinitrotoluene	9.40	165	203238	47.61	nq	96
51) Acenaphthene	9.62	154	621544	39.71	nq	98
52) 3-Nitroaniline	9.58	138	104870	22.69	nq	94
53) 2,4-Dinitrophenol	9.69	184	181480	74.54	nq	# 78
54) Dibenzofuran	9.79	168	934097	46.15	nq	# 85
55) 4-Nitrophenol	9.77	139	170754m	60.33	nq	
56) 2,4-Dinitrotoluene	9.82	165	244037	44.63	nq	# 66
57) Fluorene	10.14	166	667580	41.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	199787	50.58	nq	98
59) Diethylphthalate	10.03	149	850967	45.34	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	371816	48.24	nq	91
61) 4-Nitroaniline	10.19	138	184140	40.36	nq	# 70
62) Azobenzene	10.30	77	1040573	48.11	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	135856	40.47	nq	90
65) n-Nitrosodiphenylamine	10.26	169	676238	42.16	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	211863	40.42	nq	91
67) Hexachlorobenzene	10.68	284	240732	39.61	nq	# 80
68) Atrazine	10.80	200	219787	42.00	nq	95
69) Pentachlorophenol	10.89	266	181097	79.32	nq	97
70) Phenanthrene	11.10	178	1190390	43.06	nq	100
71) Anthracene	11.14	178	1092400	39.06	nq	99
72) Carbazole	11.31	167	1075758	42.11	nq	99
73) Di-n-butylphthalate	11.65	149	1389162	47.35	nq	# 99
74) Fluoranthene	12.27	202	1130425	40.81	nq	97
76) Benzidine	12.41	184	220570	18.68	nq	96
77) Pyrene	12.50	202	1207895	46.32	nq	100
79) Butylbenzylphthalate	13.13	149	575453	52.28	nq	89
80) Benzo(a)anthracene	13.68	228	889393	42.62	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	189363	14.26	nq	# 95
82) Chrysene	13.73	228	946834	46.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	705209	52.64	nq	98
84) Di-n-octyl phthalate	14.30	149	1204021	52.17	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.27	276	676912	38.19	nq	95
87) Benzo(b)fluoranthene	14.69	252	757969m	41.03	nq	
88) Benzo(k)fluoranthene	14.71	252	706294m	51.35	nq	
89) Benzo(a)pyrene	14.99	252	688936	44.61	nq	98
90) Dibenzo(a,h)anthracene	16.27	278	570206	43.86	nq	96
91) Benzo(g,h,i)perylene	16.63	276	559336	42.60	nq	94

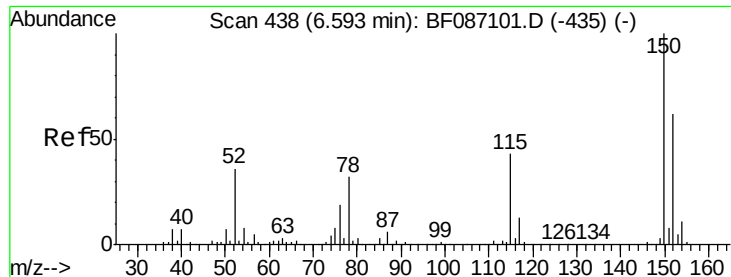
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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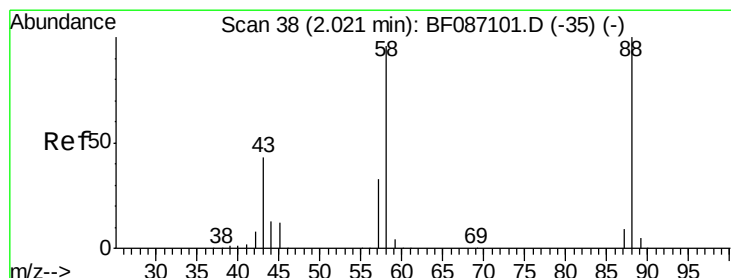
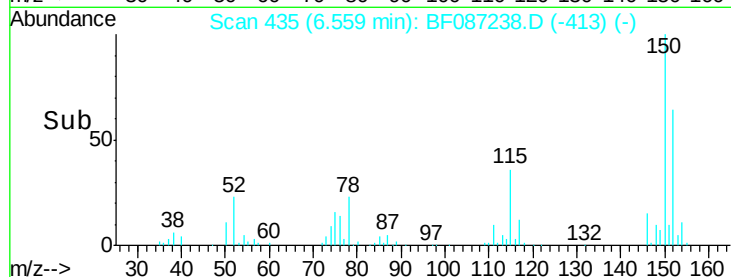
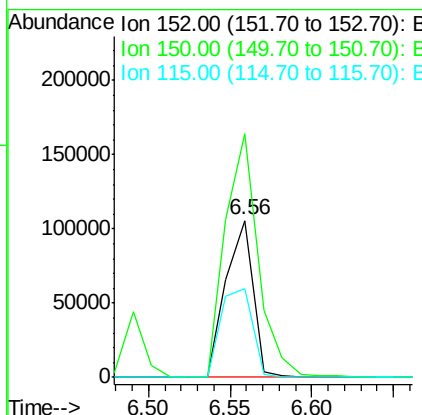
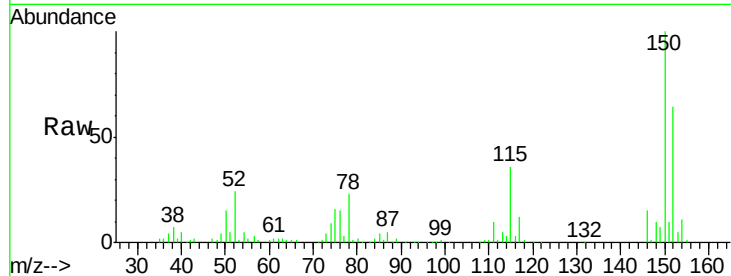


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Instrument :
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ClientSampleId :
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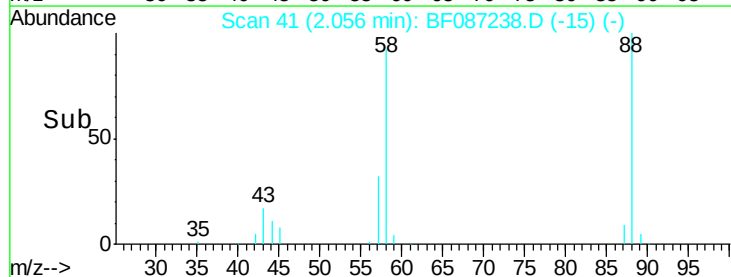
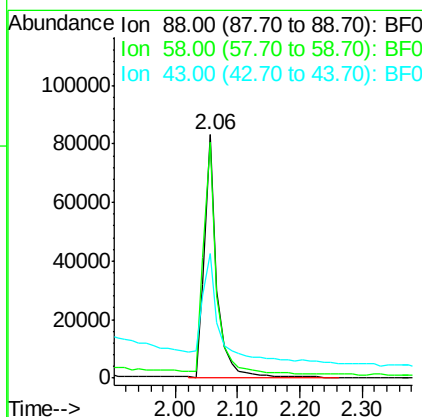
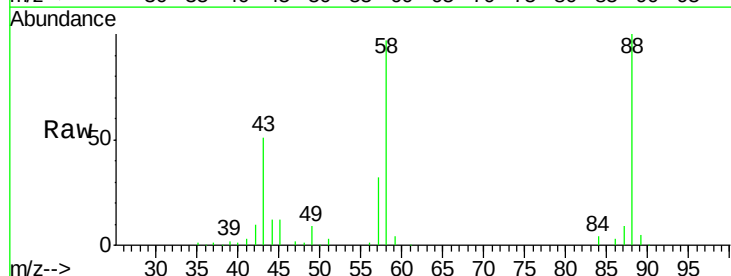
Tot Ion:152 Resp: 121502
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 56.4 51.5 77.3

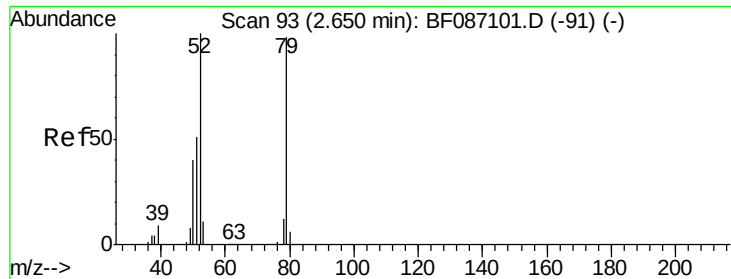


#2

1,4-Dioxane
Concen: 31.79 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion: 88 Resp: 118210
Ion Ratio Lower Upper
88 100
58 100.3 59.6 89.4#
43 67.0 21.8 32.6#





#3

Pvridine

Concen: 38.82 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

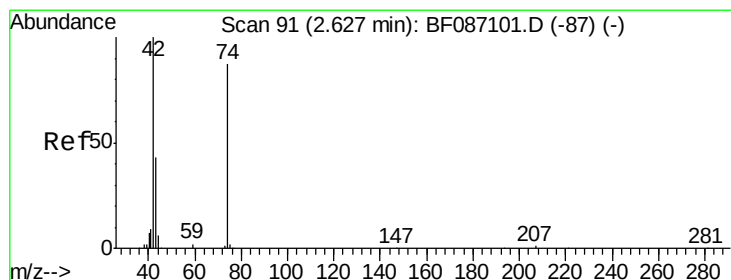
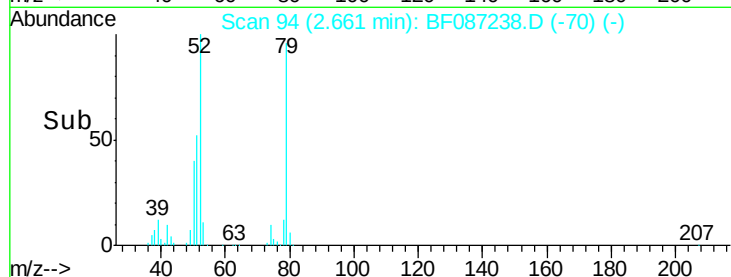
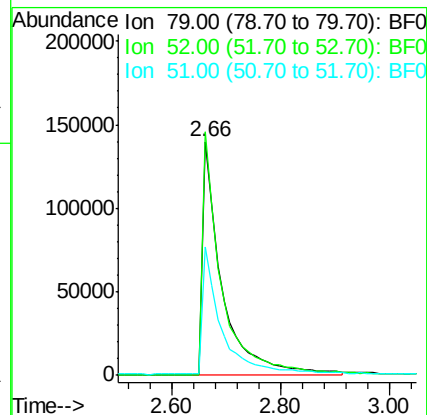
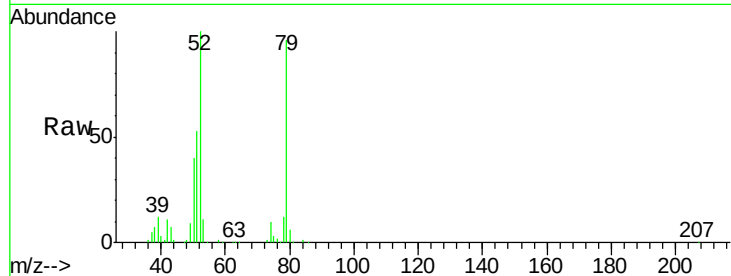
Tot Ion: 79 Resp: 349174

Ion Ratio Lower Upper

79 100

52 104.2 55.9 83.9#

51 54.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 42.44 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.02 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

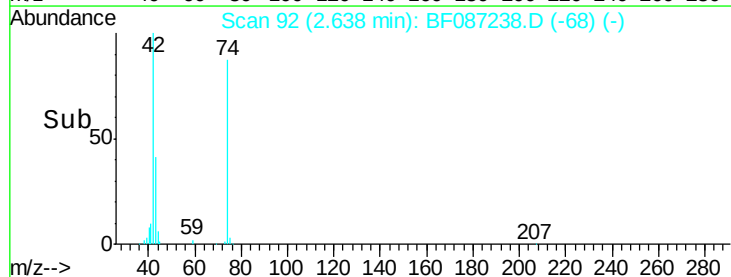
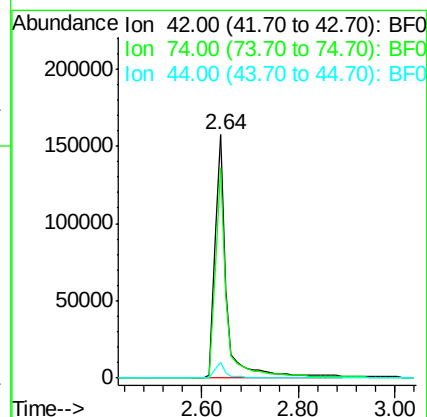
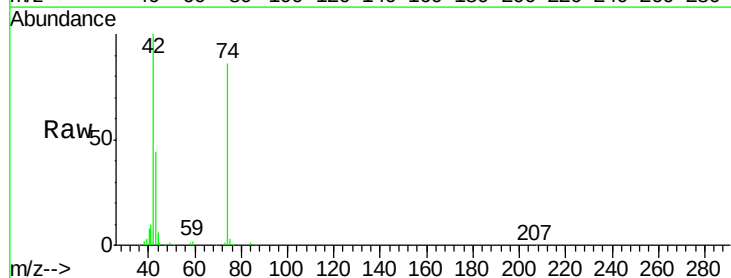
Tgt Ion: 42 Resp: 270543

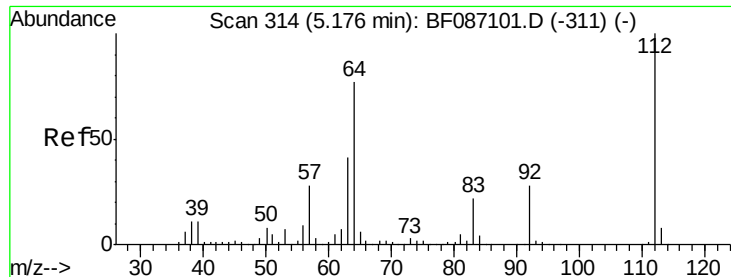
Ion Ratio Lower Upper

42 100

74 86.4 123.4 185.0#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 84.70 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.04 min

Lab File: BF087238.D

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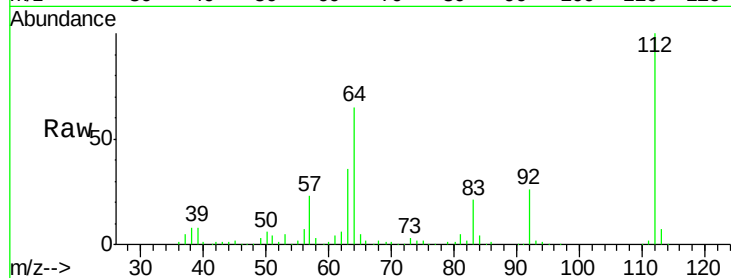
Tot Ion:112 Resp: 612264

Ion Ratio Lower Upper

112 100

64 64.6 52.1 78.1

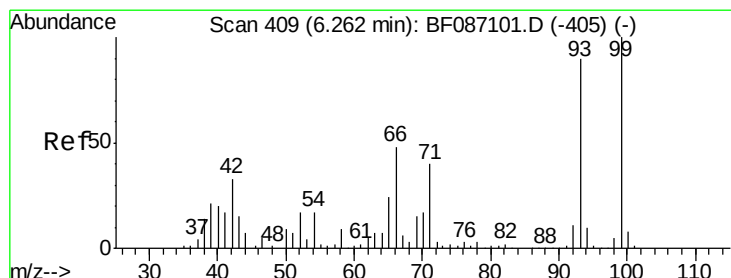
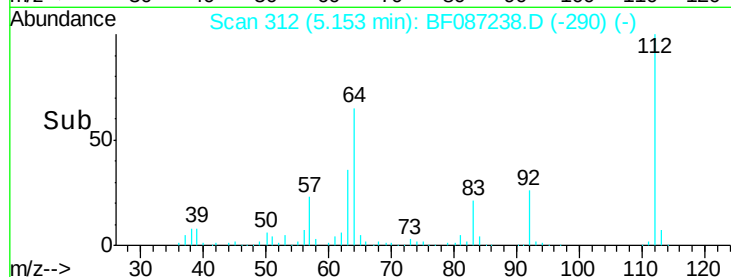
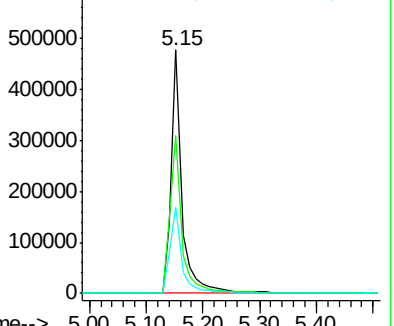
63 35.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.91 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

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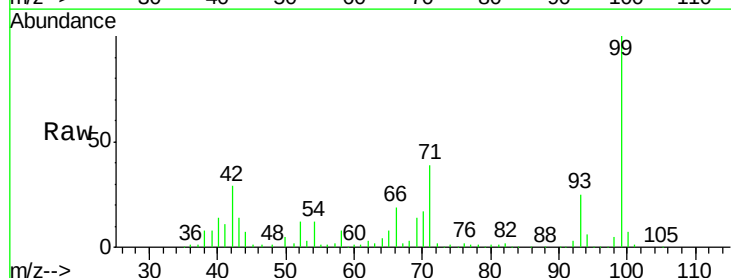
Tgt Ion: 93 Resp: 257546

Ion Ratio Lower Upper

93 100

66 73.7 39.0 58.6#

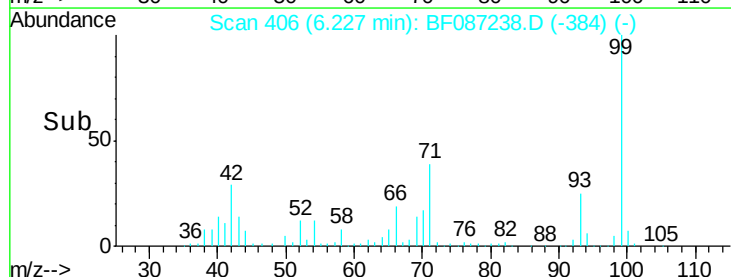
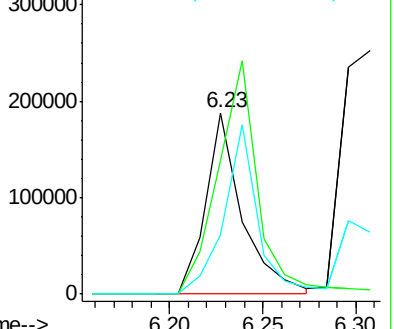
65 32.8 20.6 31.0#

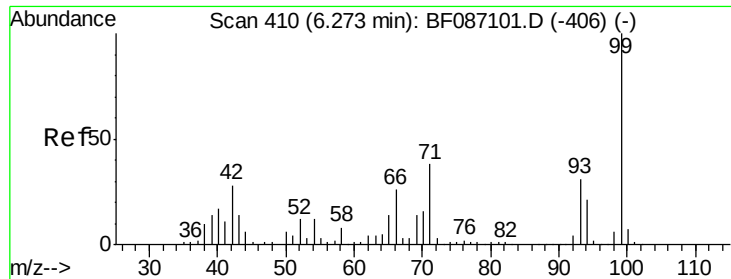


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.35 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087238.D

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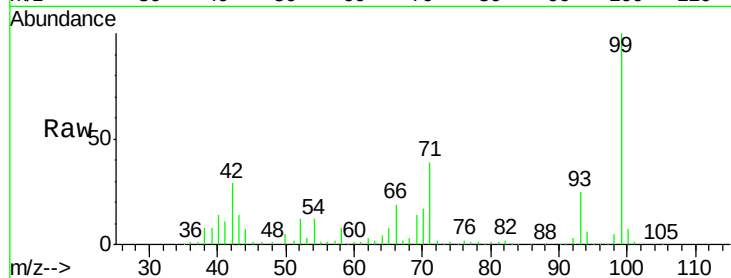
Tot Ion: 99 Resp: 769280

Ion Ratio Lower Upper

99 100

42 29.2 13.6 20.4#

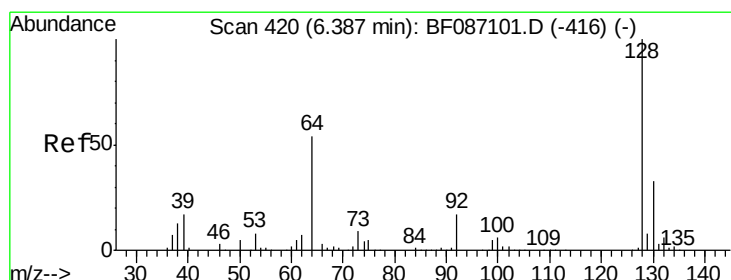
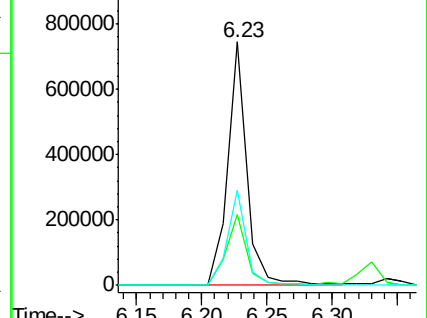
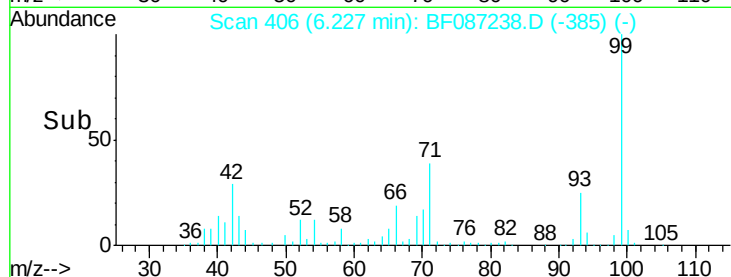
71 39.3 24.6 36.8#



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: 43.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

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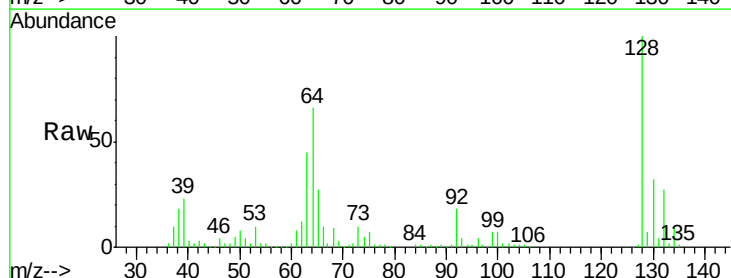
Tgt Ion: 128 Resp: 378170

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

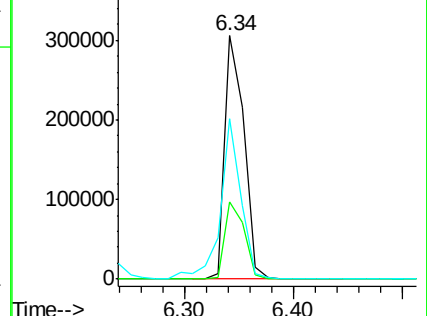
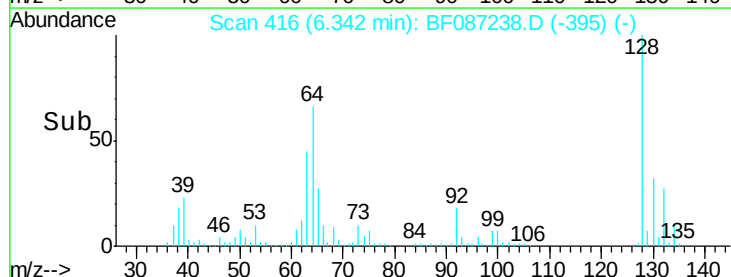
64 65.6 27.3 67.3

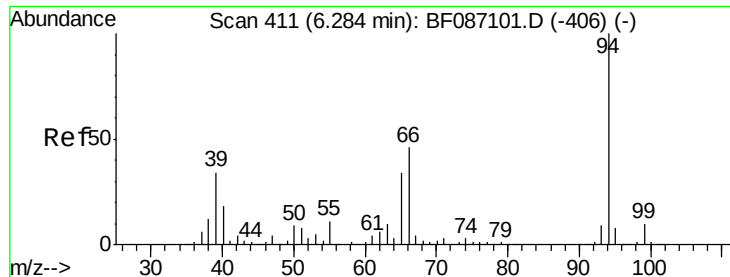


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 41.62 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

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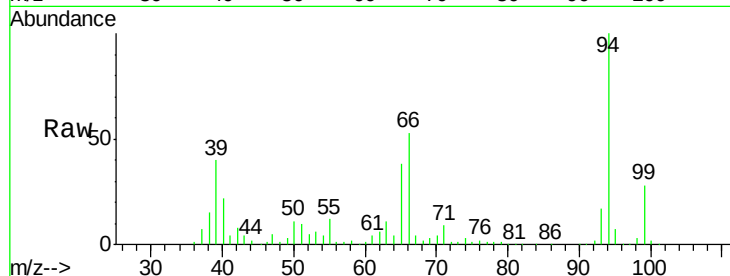
Tot Ion: 94 Resp: 507258

Ion Ratio Lower Upper

94 100

65 38.5 7.2 47.2

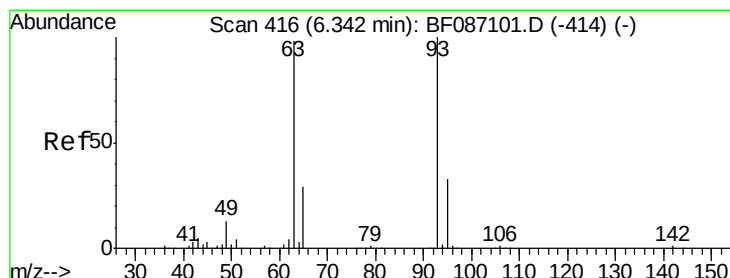
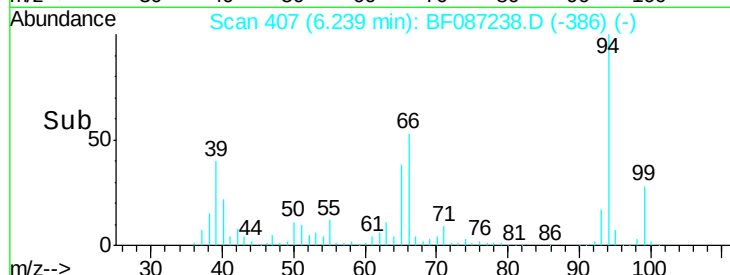
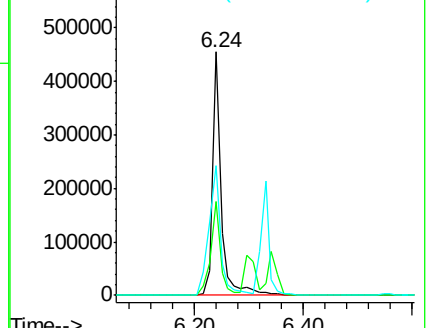
66 53.2 14.9 54.9



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: 41.11 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

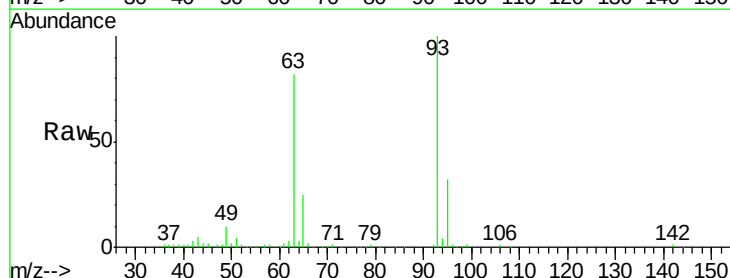
Tgt Ion: 93 Resp: 376182

Ion Ratio Lower Upper

93 100

63 81.7 58.0 98.0

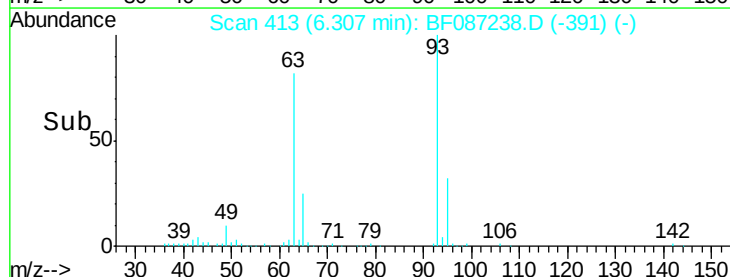
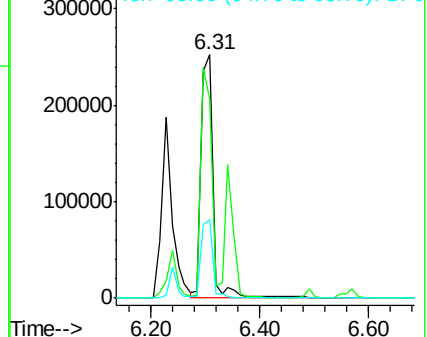
95 32.2 11.9 51.9

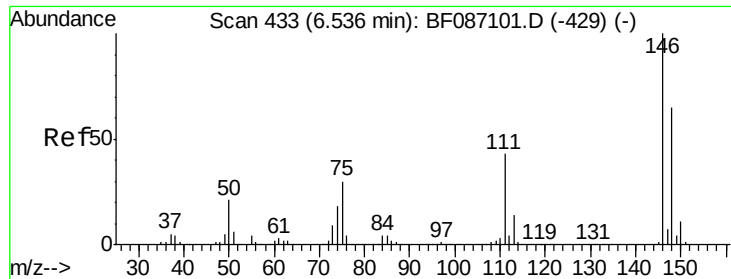


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

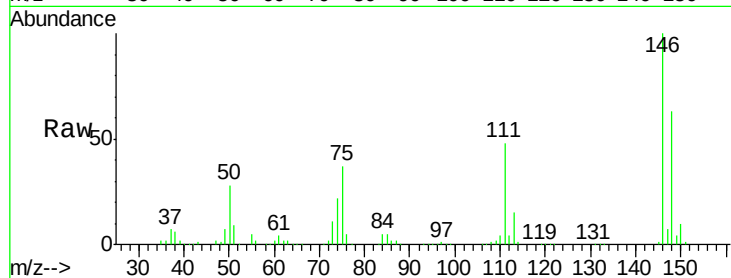




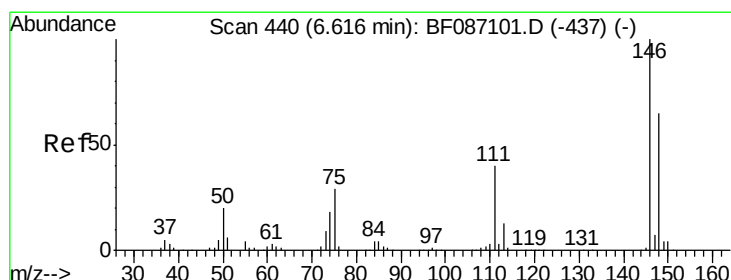
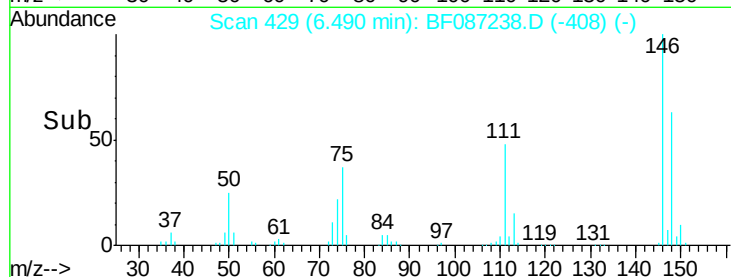
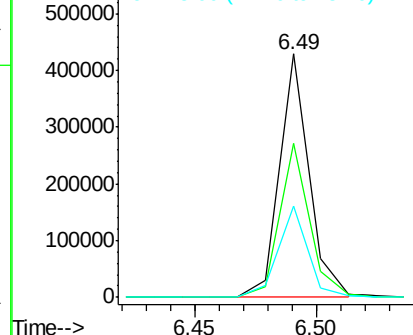
#12
 1,3-Dichlorobenzene
 Concen: 39.25 ng m
 RT: 6.49 min Scan# 429
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

Tot Ion:146 Resp: 366951
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.4 78.6
 75 37.5 22.8 34.2#

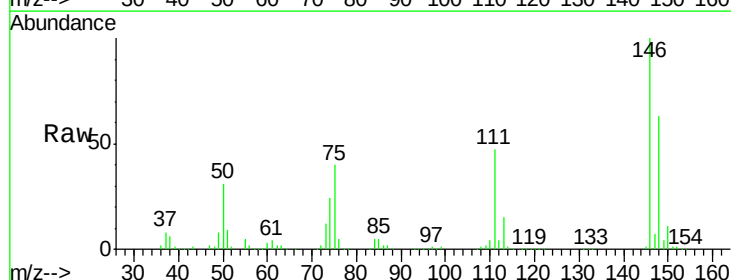


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

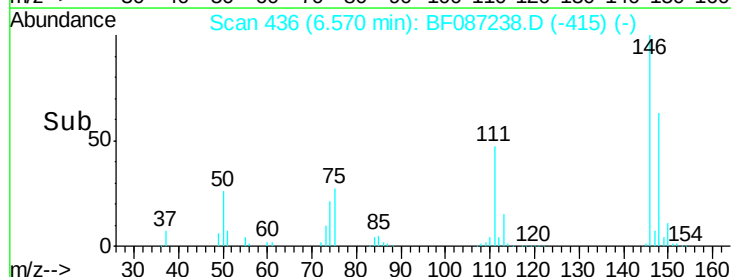
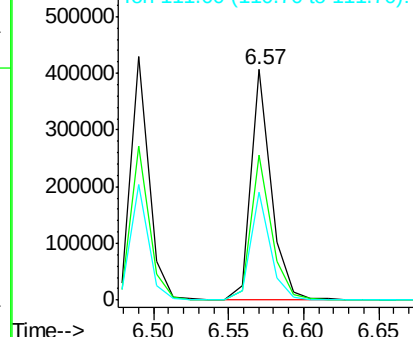


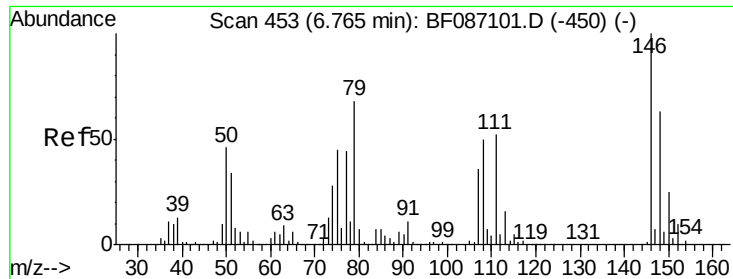
#13
 1,4-Dichlorobenzene
 Concen: 39.98 ng m
 RT: 6.57 min Scan# 436
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion:146 Resp: 382446
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.4
 111 46.6 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

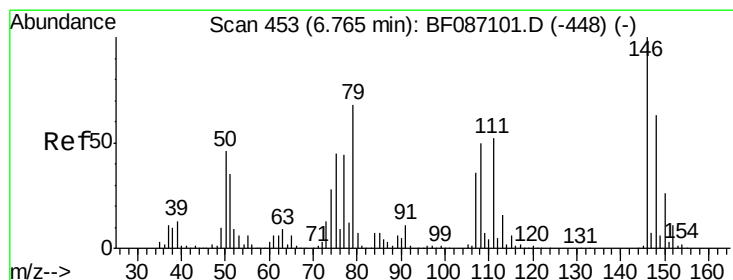
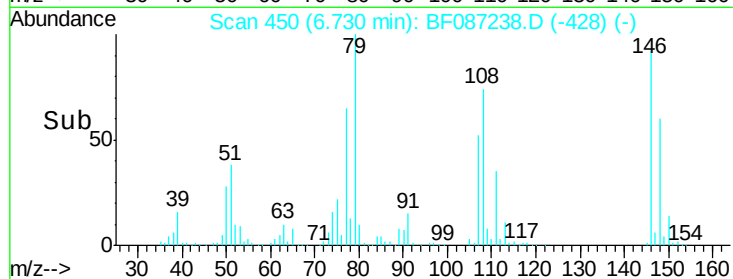
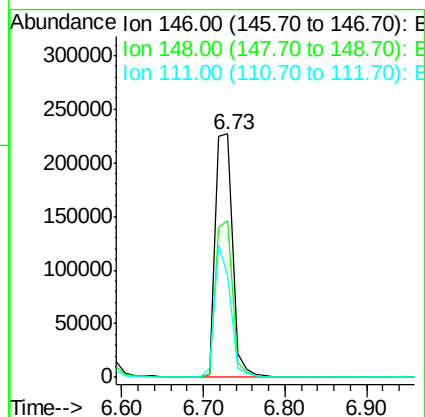
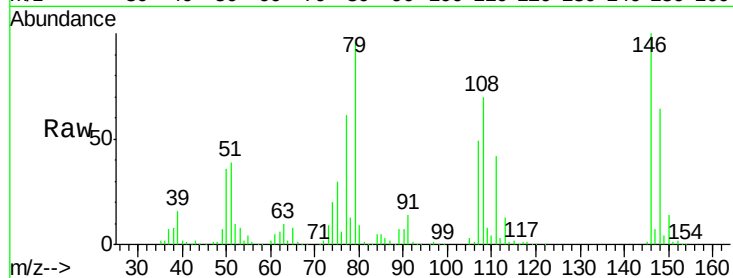




#14
 1,2-Dichlorobenzene
 Concen: 40.28 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

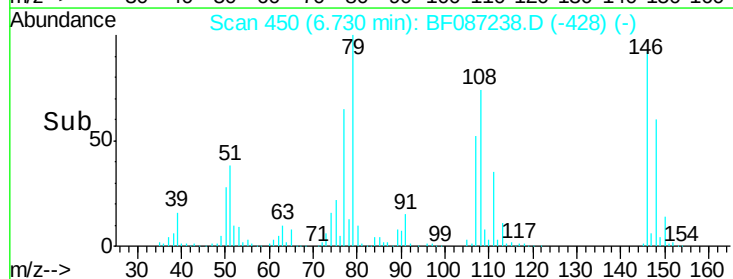
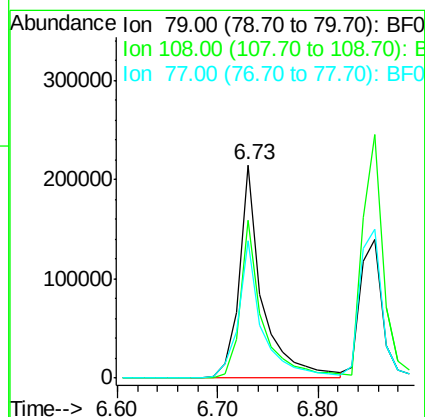
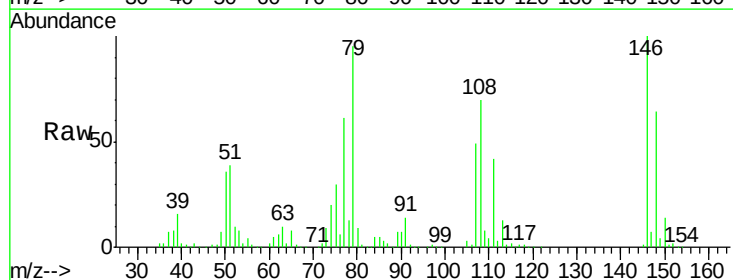
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

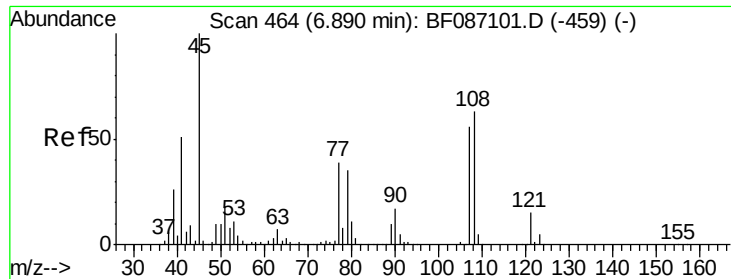
Tot Ion:146 Resp: 337313
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 41.5 36.2 54.4



#15
 Benzyl Alcohol
 Concen: 47.70 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion: 79 Resp: 344247
 Ion Ratio Lower Upper
 79 100
 108 73.9 68.4 102.6
 77 64.8 50.6 76.0

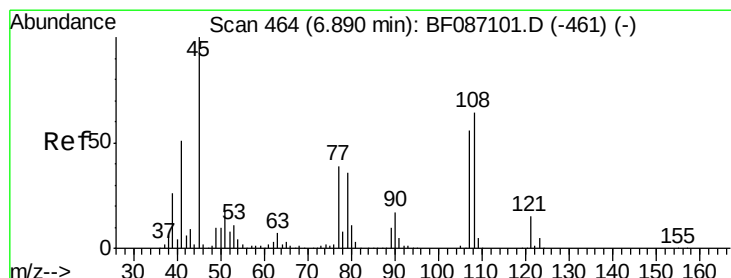
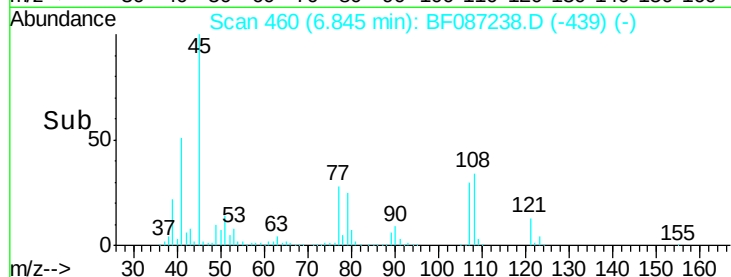
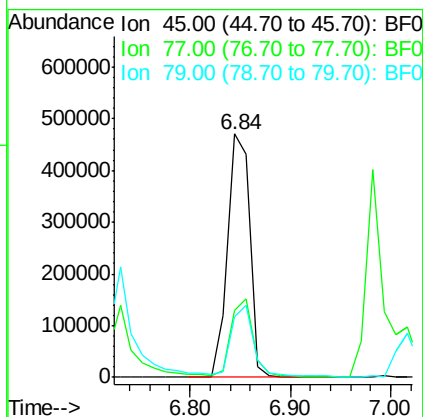
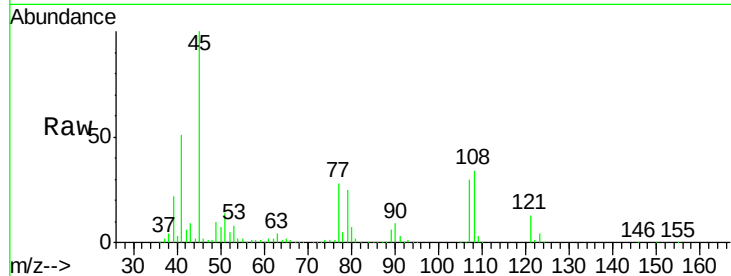




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.27 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

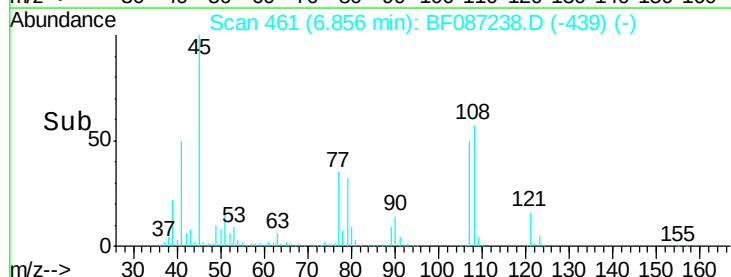
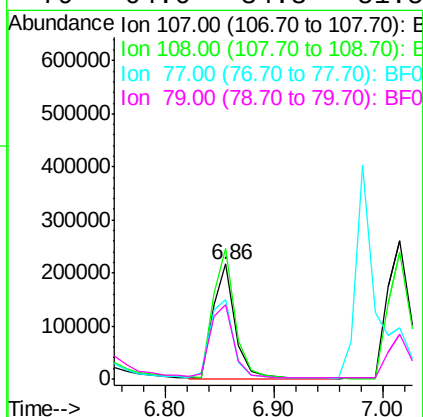
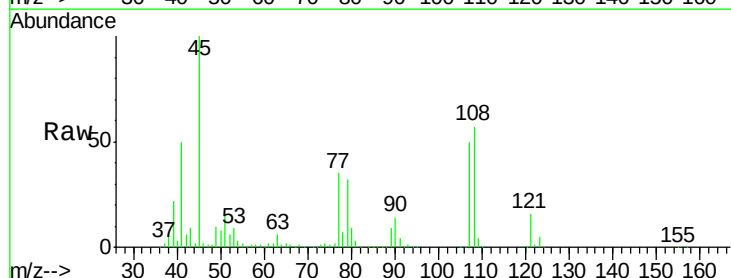
Instrument :
BNA_F
ClientSampleId :
PB90666BSD

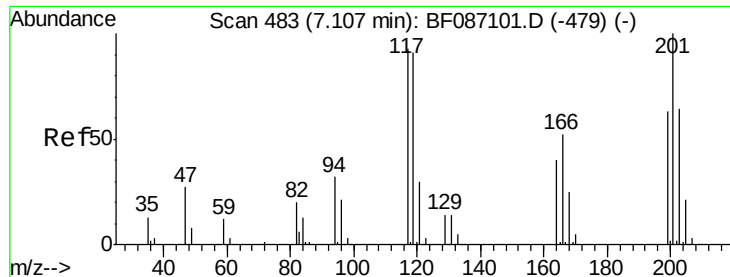
Tot Ion	45	Ratio	Lower	Upper
45	100			
77	27.7	0.0	36.4	
79	25.0	0.0	33.4	



#17
2-Methylphenol
Concen: 42.08 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion	107	Ratio	Lower	Upper
107	100			
108	113.5	93.7	140.5	
77	69.6	33.4	50.0#	
79	64.6	34.3	51.5#	

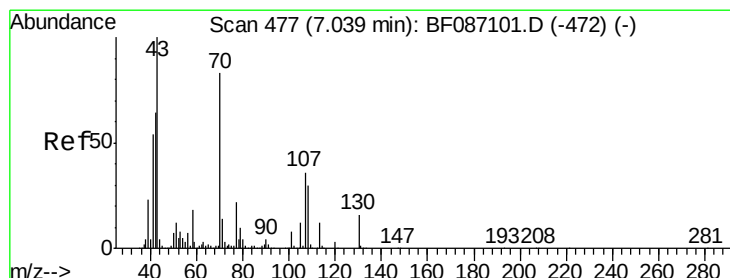
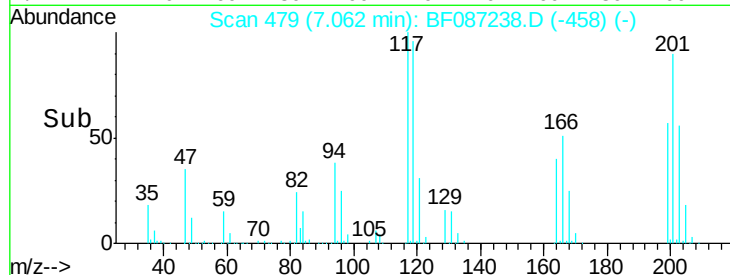
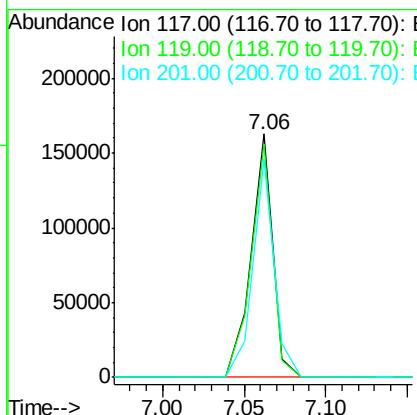
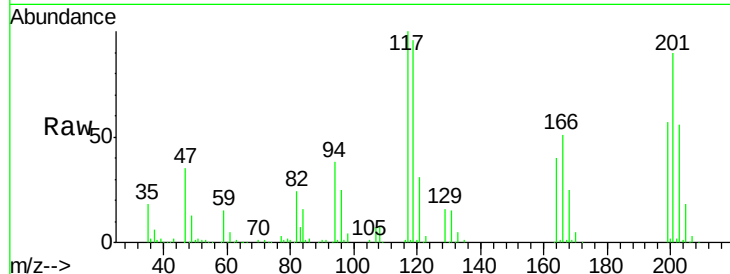




#18
Hexachloroethane
Concen: 41.01 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

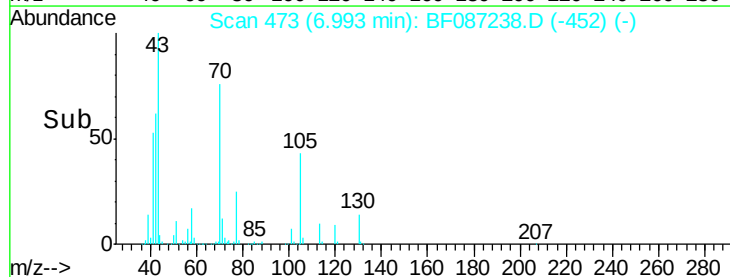
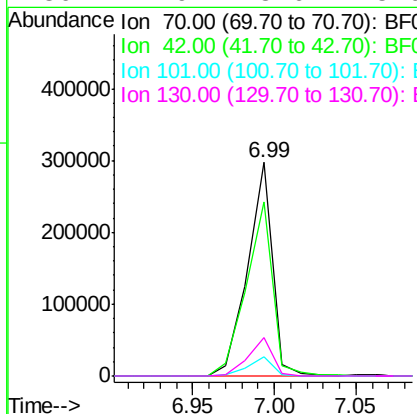
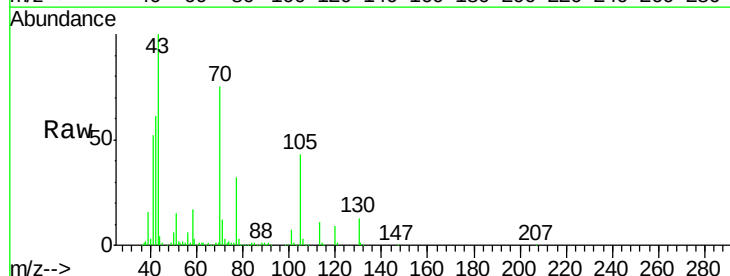
Instrument :
BNA_F
ClientSampleId :
PB90666BSD

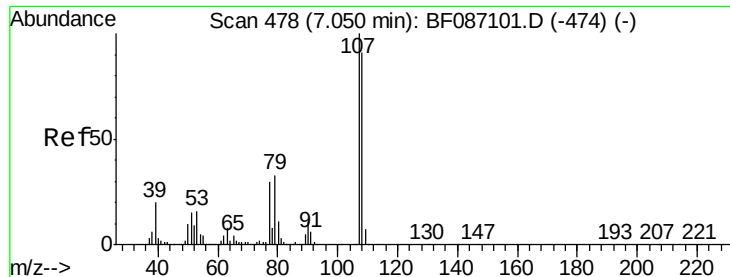
Tot Ion:117 Resp: 149969
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 89.6 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 42.58 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion: 70 Resp: 313809
Ion Ratio Lower Upper
70 100
42 81.8 43.1 64.7#
101 8.9 8.1 12.1
130 17.9 18.6 28.0#

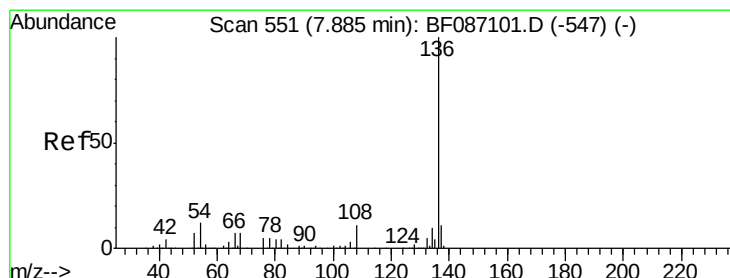
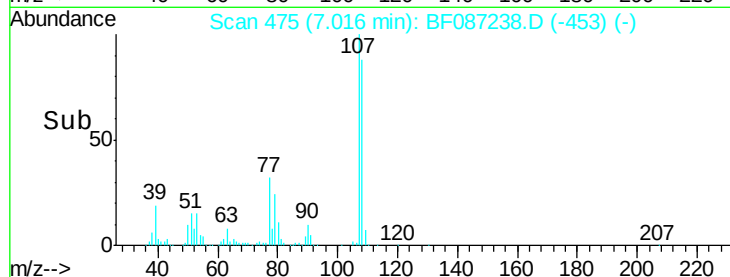
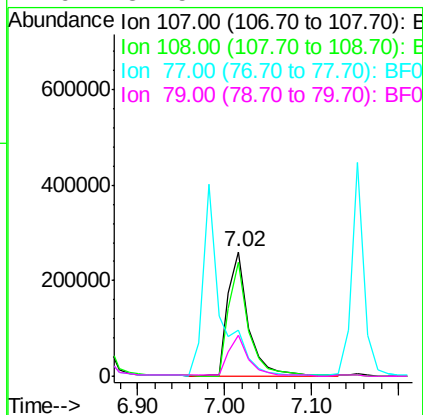
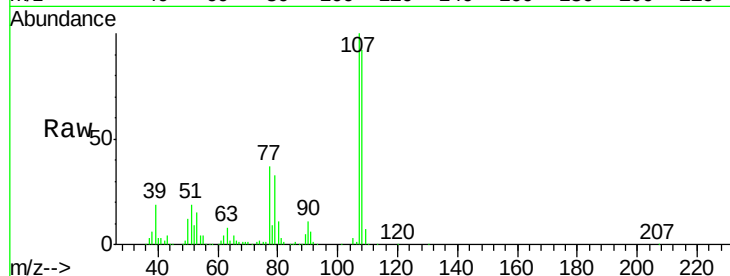




#20
3+4-Methylphenols
Concen: 44.78 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

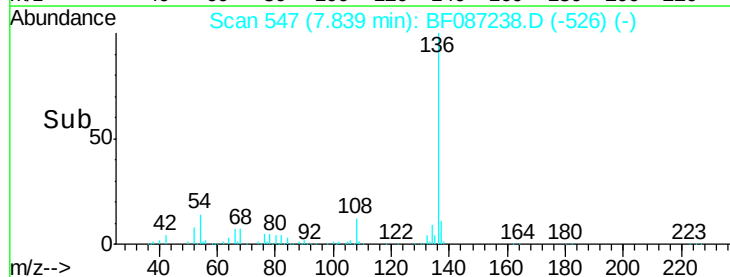
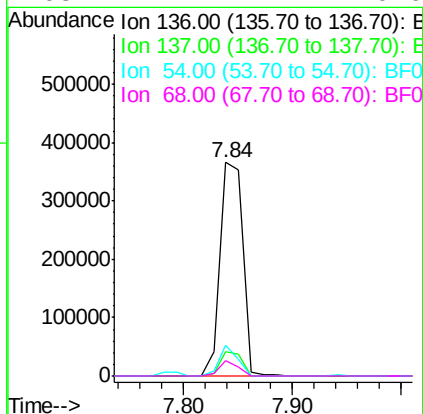
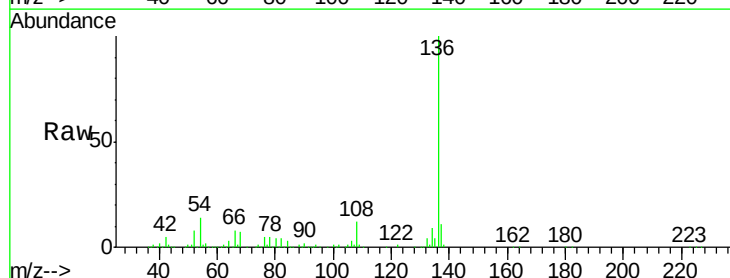
Instrument :
BNA_F
ClientSampleId :
PB90666BSD

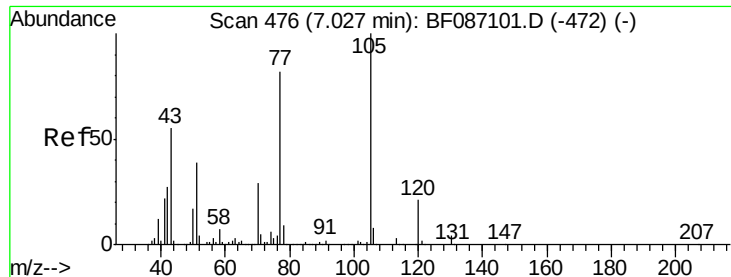
Tot Ion:	107	Resp:	426633
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.5	108.5
77	37.0	101.6	141.6#
79	32.5	7.4	47.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion:	136	Resp:	528471
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.5	5.0	7.4#
68	7.2	4.4	6.6#





#22

Acetophenone

Concen: 40.50 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

Tot Ion:105 Resp: 523772

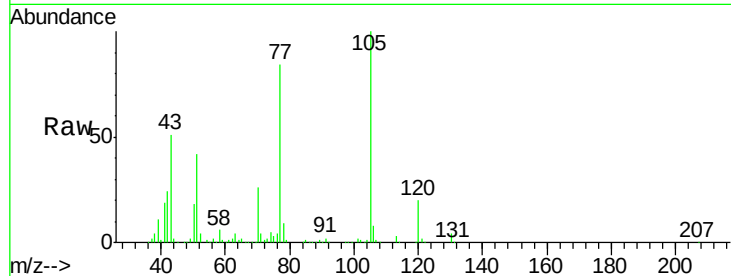
Ion Ratio Lower Upper

105 100

71 4.3 4.8 7.2#

51 41.7 32.6 49.0

120 19.9 16.5 24.7

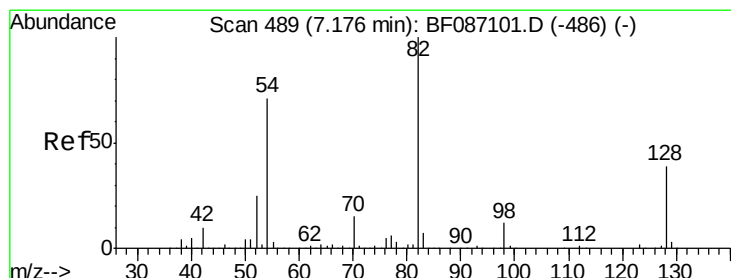
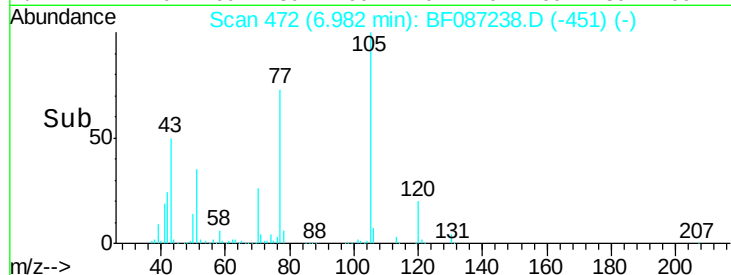
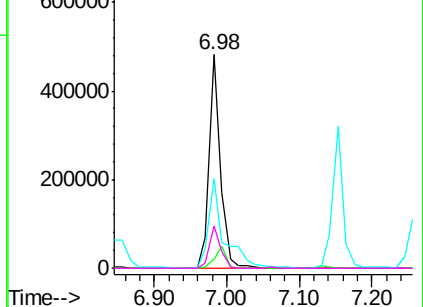


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 77.06 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

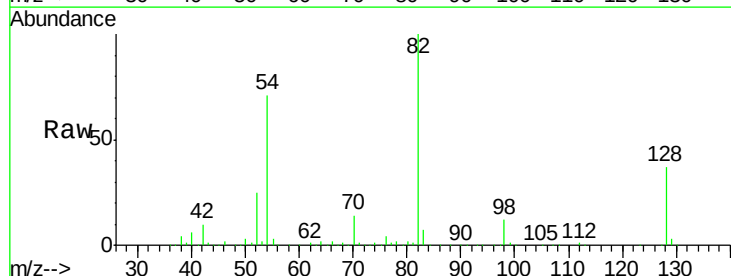
Tgt Ion: 82 Resp: 817104

Ion Ratio Lower Upper

82 100

128 37.5 40.6 61.0#

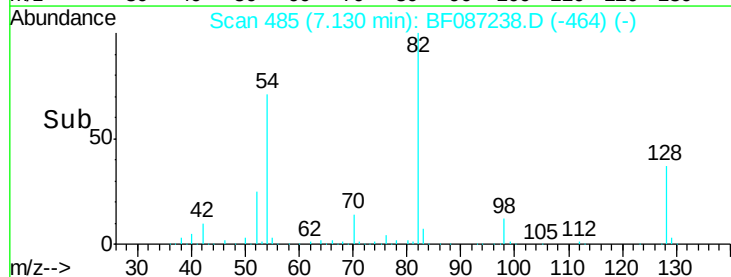
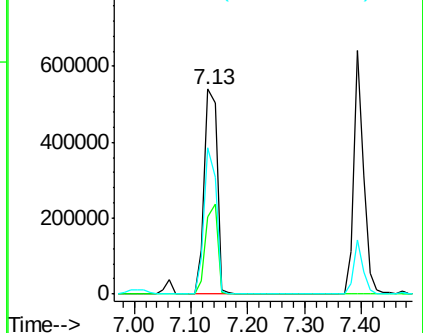
54 71.4 38.1 57.1#

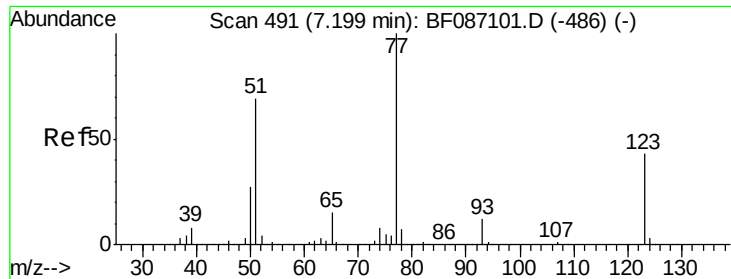


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

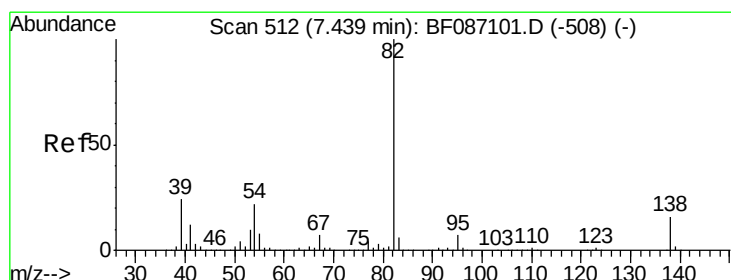
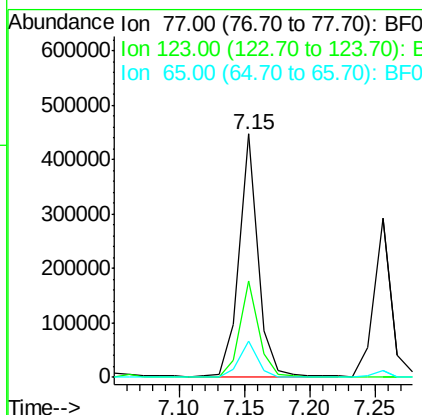
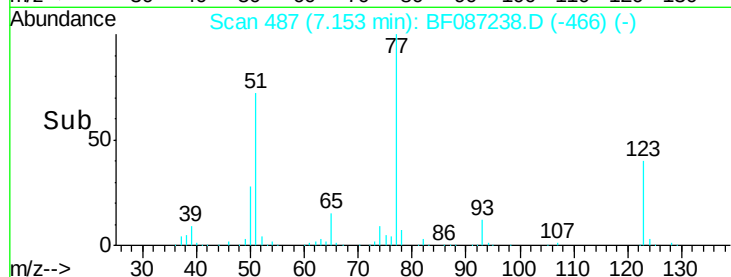
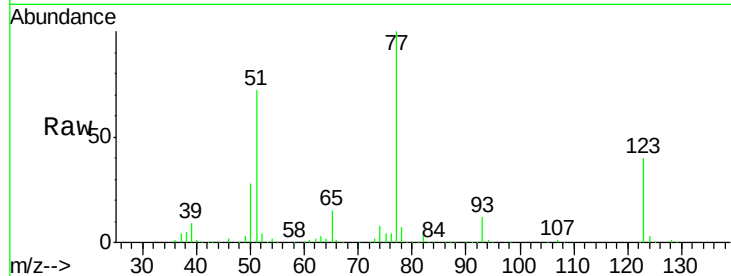




#24
 Nitrobenzene
 Concen: 38.19 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

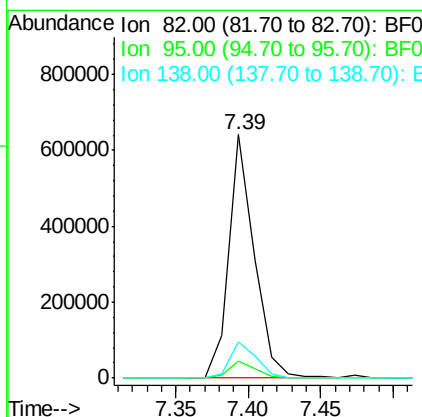
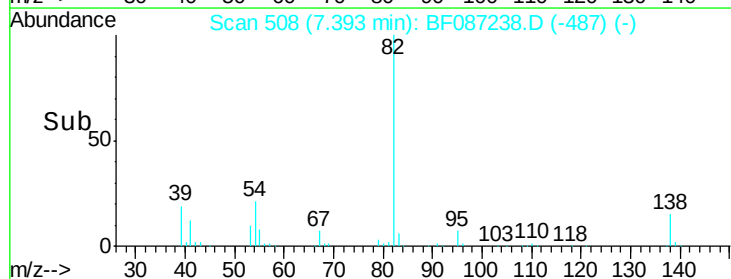
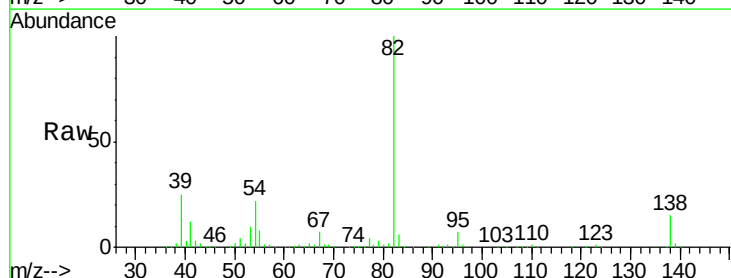
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

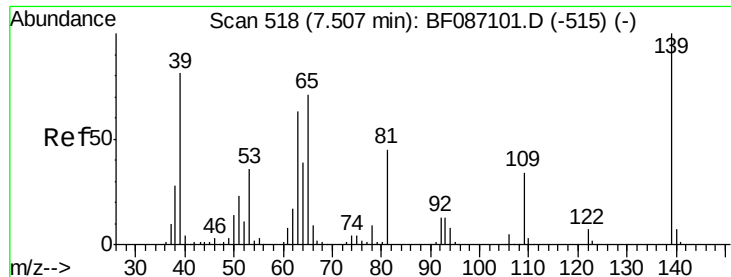
Tot Ion: 77 Resp: 442109
 Ion Ratio Lower Upper
 77 100
 123 39.9 33.0 49.4
 65 14.9 10.8 16.2



#25
 Isophorone
 Concen: 40.46 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion: 82 Resp: 785455
 Ion Ratio Lower Upper
 82 100
 95 7.2 5.1 7.7
 138 15.0 12.4 18.6

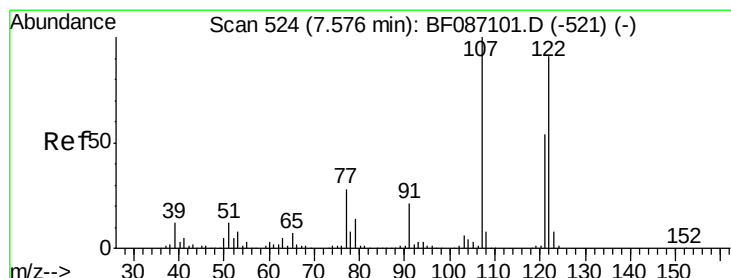
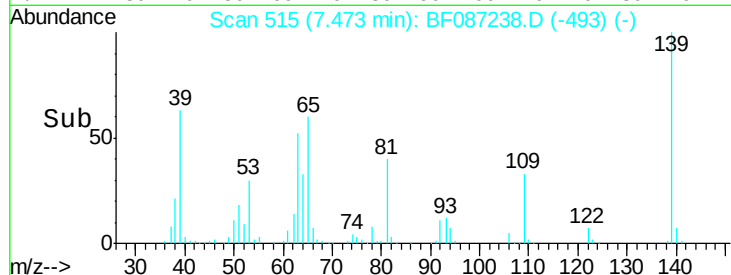
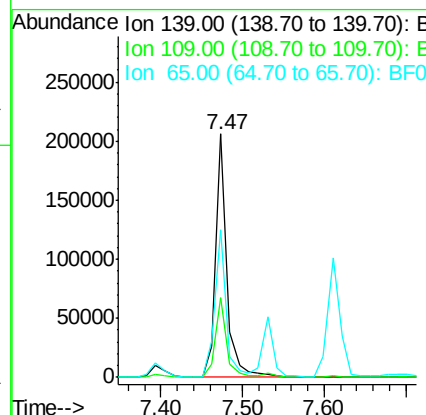
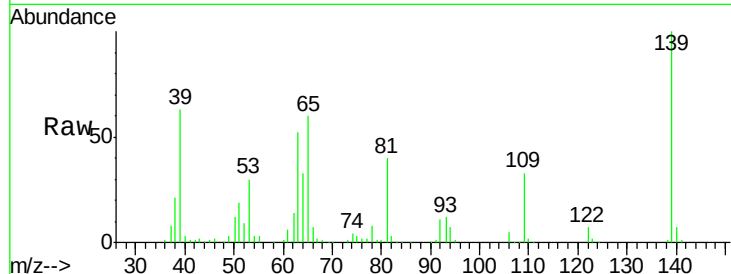




#26
2-Nitrophenol
Concen: 42.26 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

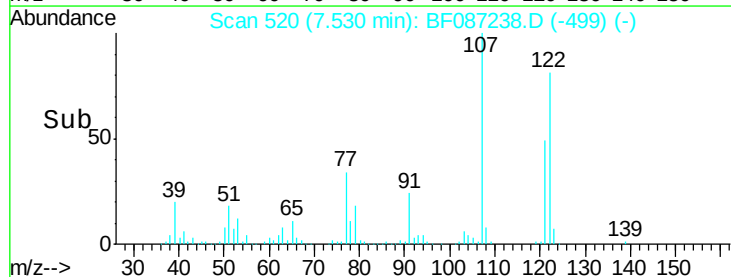
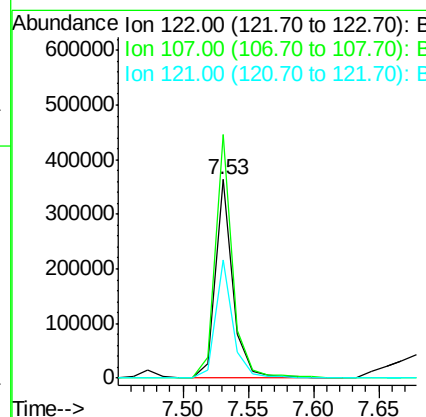
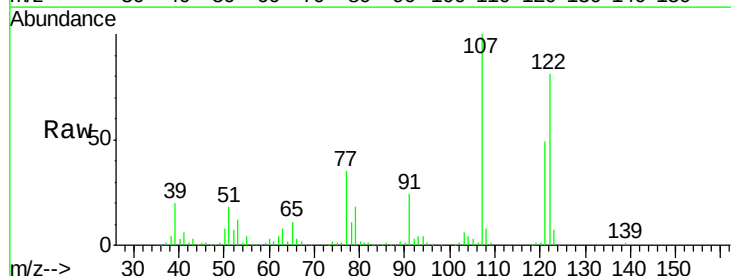
Instrument :
BNA_F
ClientSampleId :
PB90666BSD

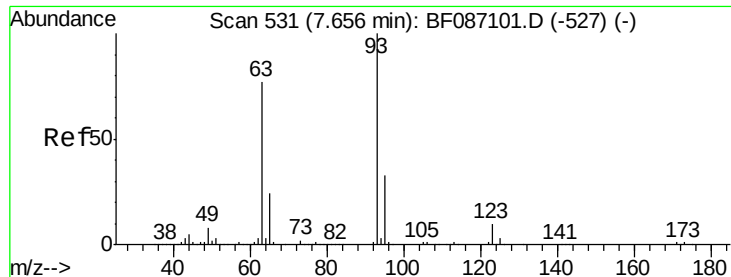
Tot Ion	Ratio	Lower	Upper
139	100		
109	32.6	19.5	29.3#
65	60.4	37.5	56.3#



#27
2,4-Dimethylphenol
Concen: 41.52 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.8	82.0	123.0
121	59.6	46.1	69.1





#28

bis(2-Chloroethoxy)methane

Concen: 42.02 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

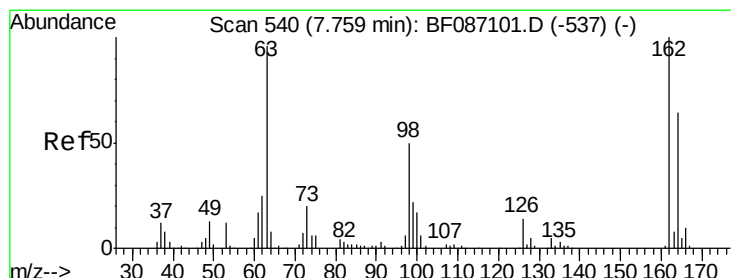
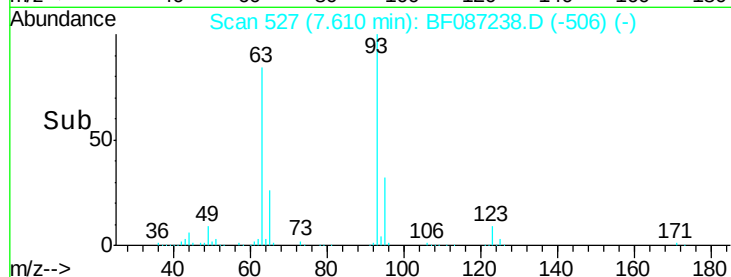
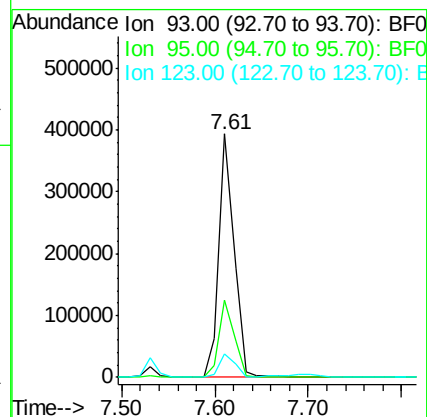
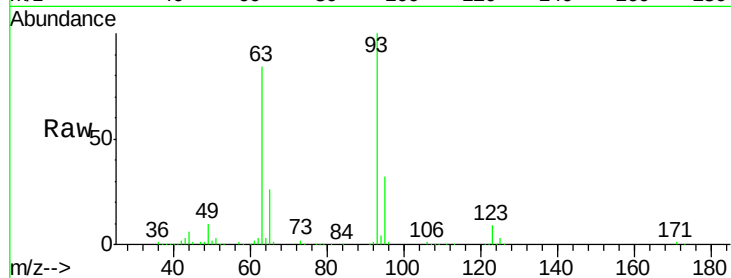
Tot Ion: 93 Resp: 447793

Ion Ratio Lower Upper

93 100

95 31.6 26.0 39.0

123 9.4 9.5 14.3#



#29

2,4-Dichlorophenol

Concen: 46.66 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

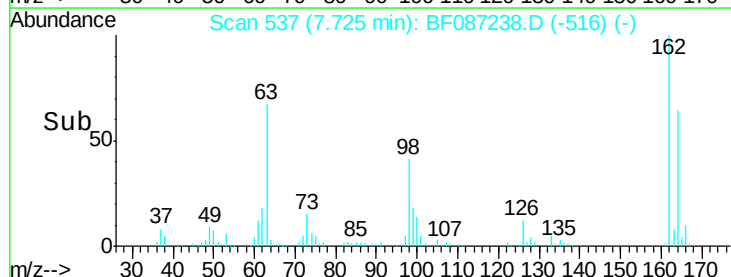
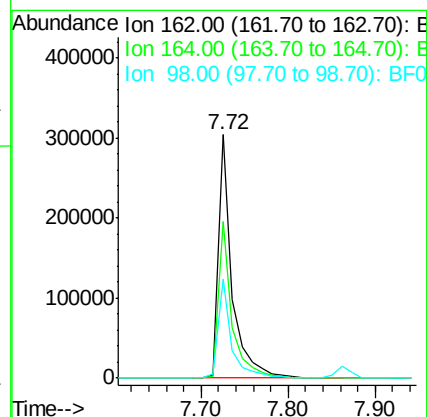
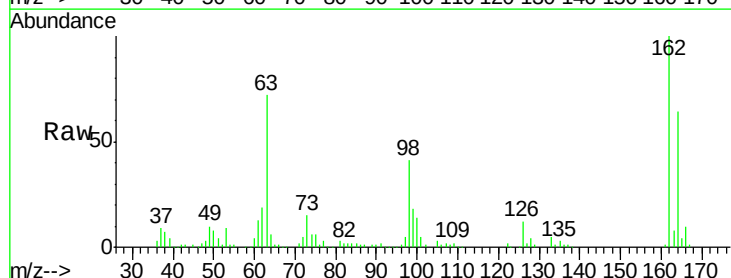
Tgt Ion: 162 Resp: 336551

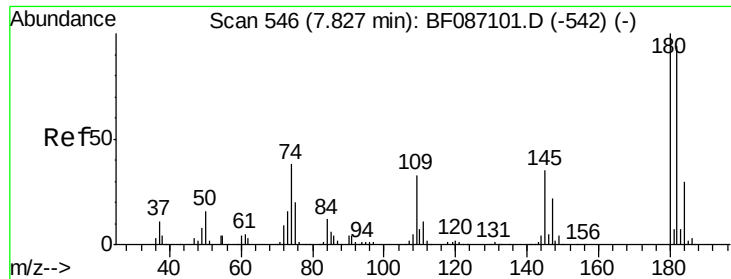
Ion Ratio Lower Upper

162 100

164 64.2 42.2 82.2

98 40.8 19.0 59.0

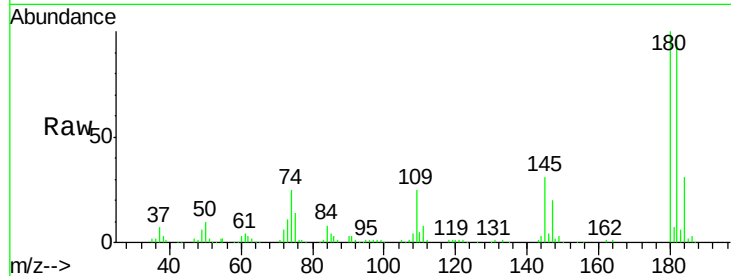




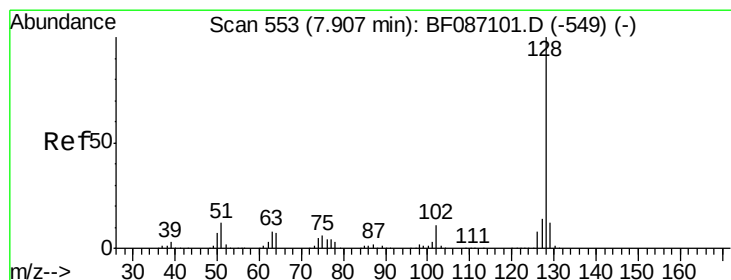
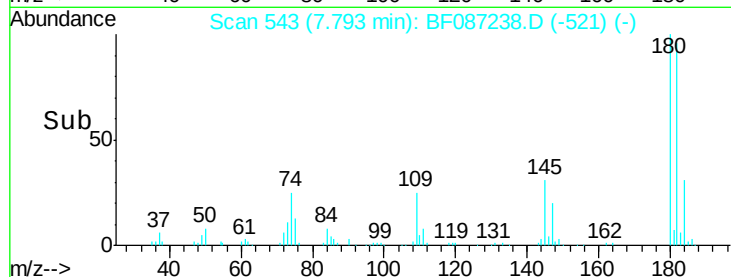
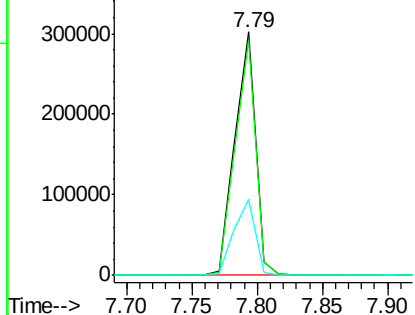
#30
 1,2,4-Trichlorobenzene
 Concen: 41.22 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

Tot Ion:180 Resp: 329918
 Ion Ratio Lower Upper
 180 100
 182 96.2 78.0 117.0
 145 31.1 24.2 36.2

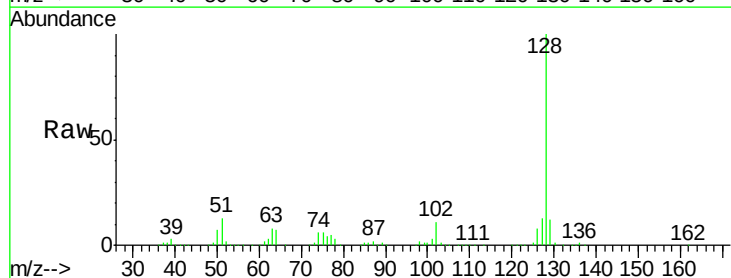


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

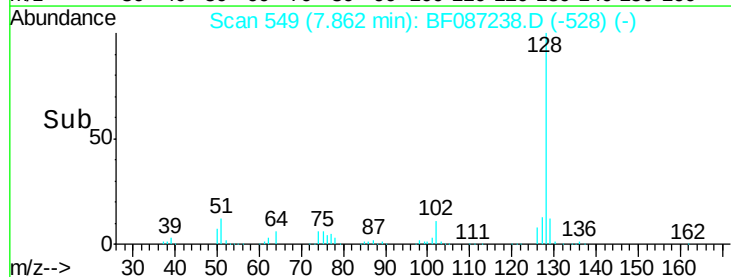
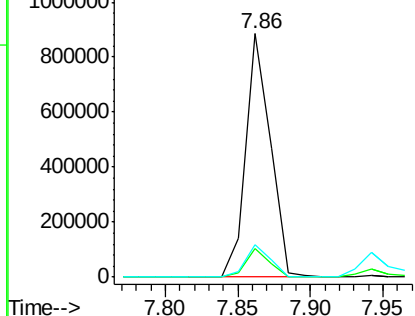


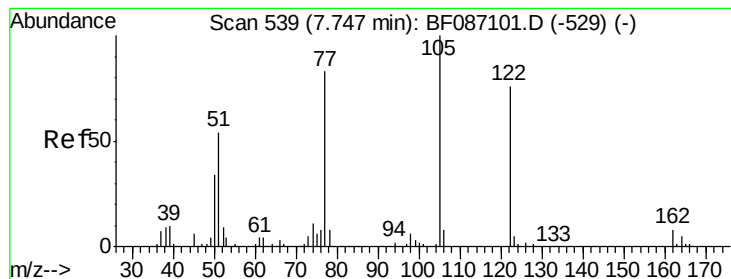
#31
 Naphthalene
 Concen: 40.26 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion:128 Resp: 1039478
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.6 13.0
 127 13.4 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: 37.16 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

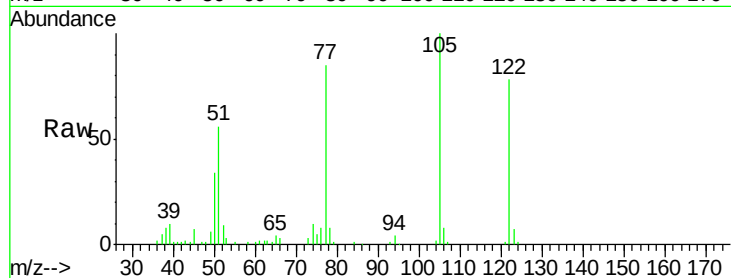
Tot Ion:122 Resp: 181282

Ion Ratio Lower Upper

122 100

105 127.7 92.6 132.6

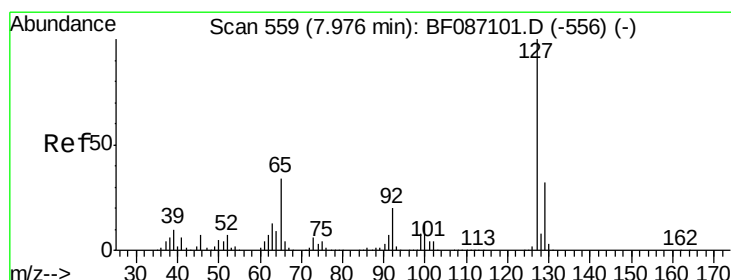
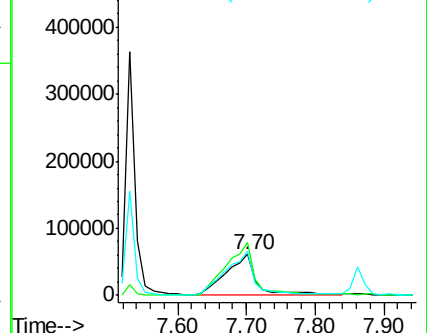
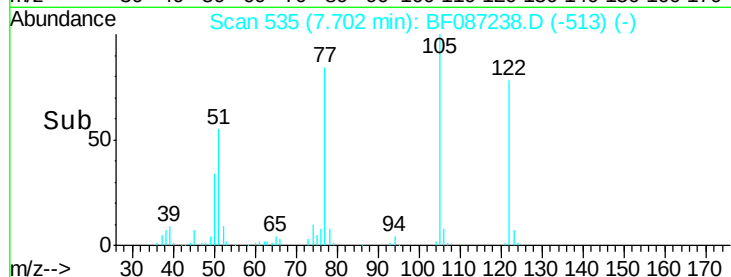
77 108.5 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 14.01 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Tgt Ion:127 Resp: 150392

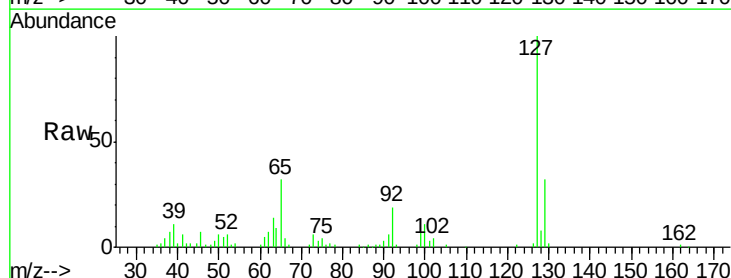
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.4

65 32.3 23.0 34.4

92 19.2 15.1 22.7

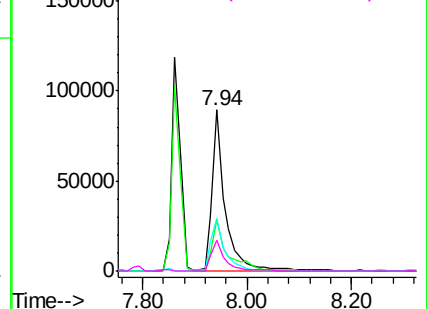
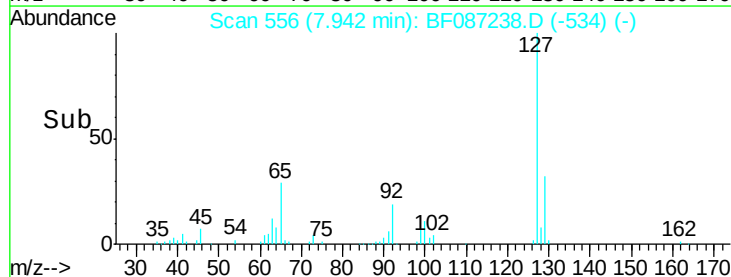


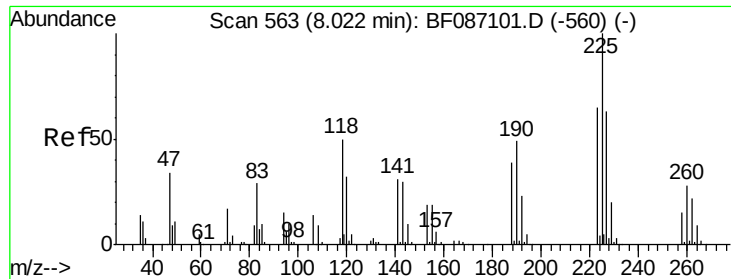
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 42.31 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

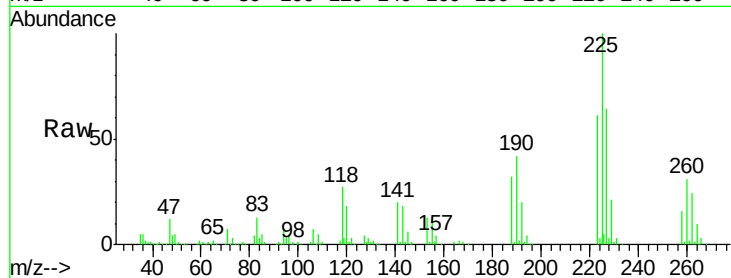
Tot Ion:225 Resp: 192185

Ion Ratio Lower Upper

225 100

223 61.4 51.5 77.3

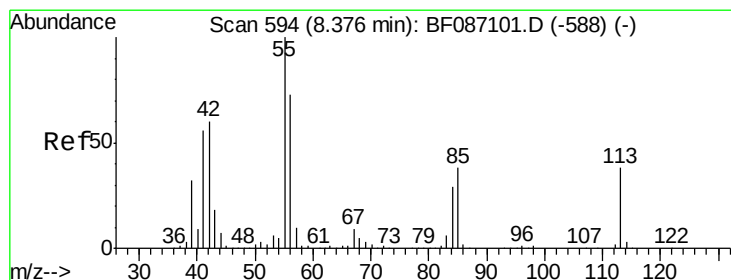
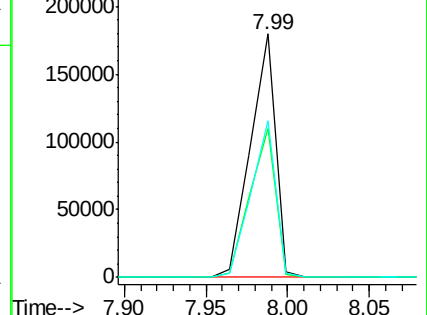
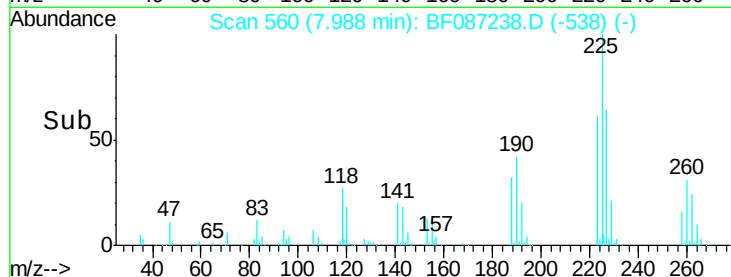
227 64.1 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 43.61 ng m

RT: 8.32 min Scan# 589

Delta R.T. -0.07 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

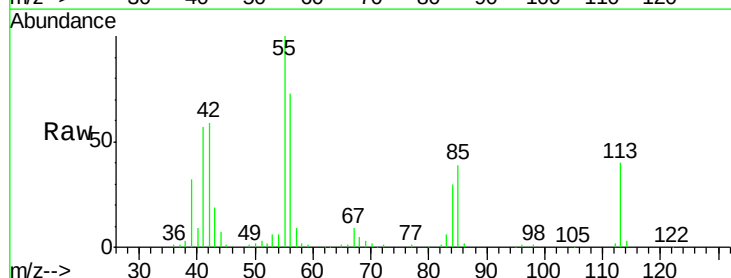
Tgt Ion:113 Resp: 104733

Ion Ratio Lower Upper

113 100

55 251.6 162.0 202.0#

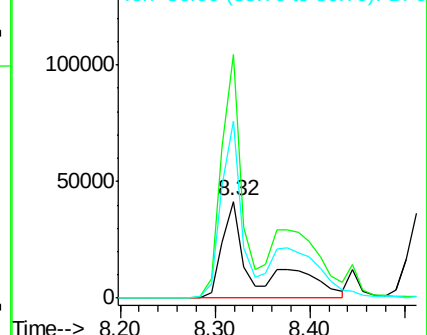
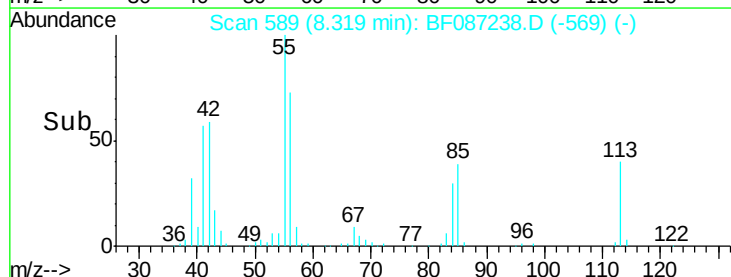
56 183.6 115.3 155.3#

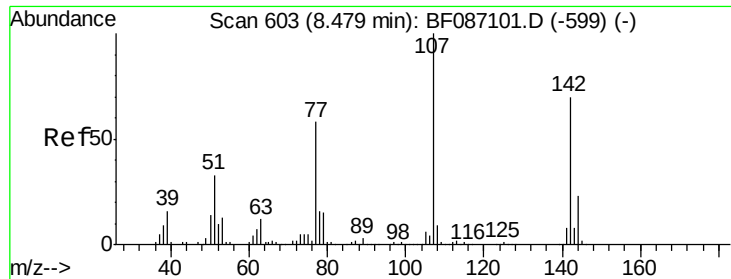


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 42.80 ng

RT: 8.44 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

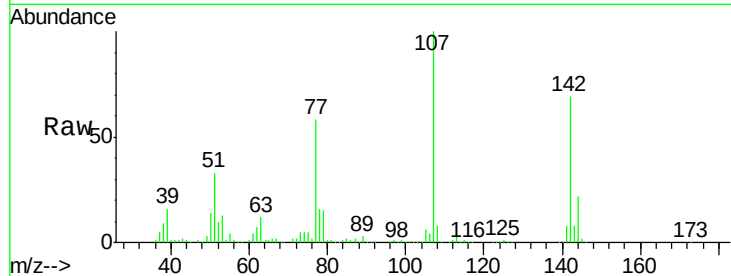
Tot Ion:107 Resp: 372382

Ion Ratio Lower Upper

107 100

144 22.1 20.7 31.1

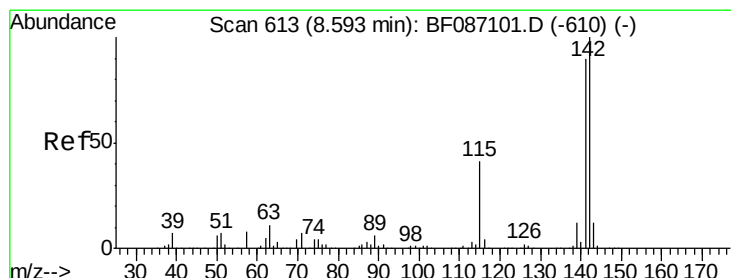
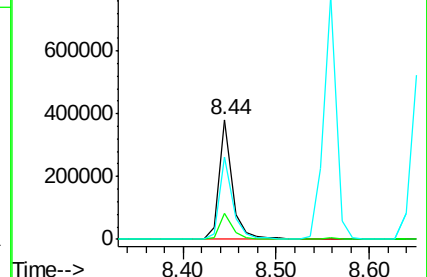
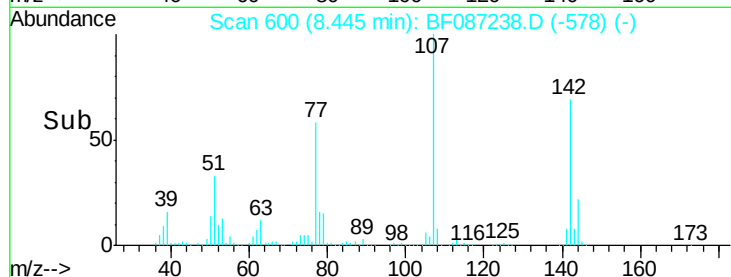
142 69.3 63.2 94.8



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: 44.57 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

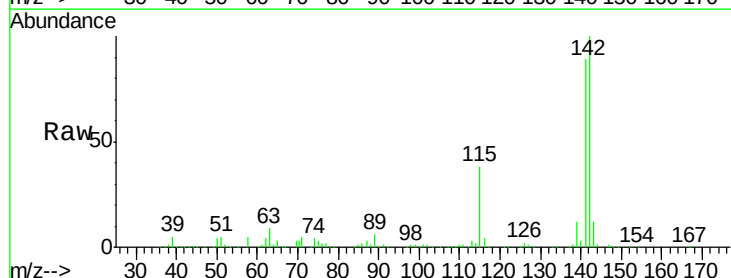
Tgt Ion:142 Resp: 736076

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

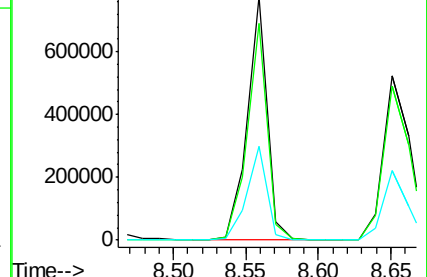
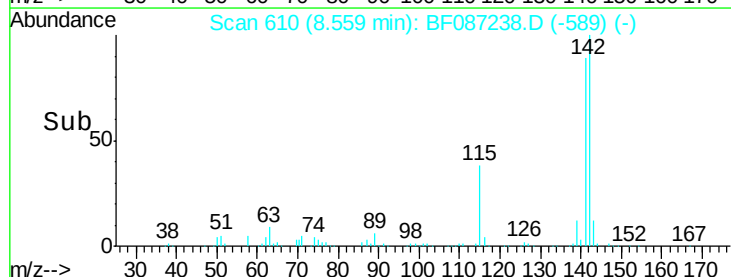
115 38.3 26.6 39.8

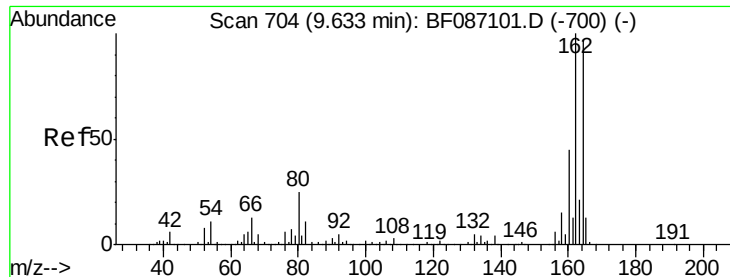


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

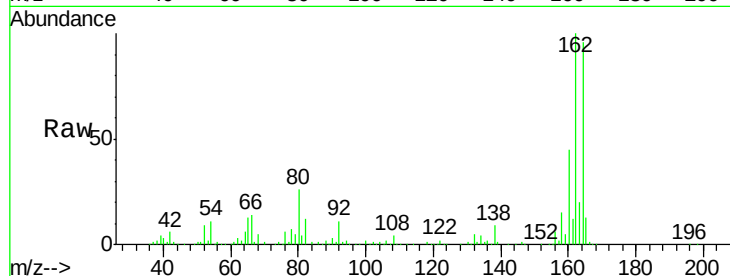
Tot Ion:164 Resp: 257725

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

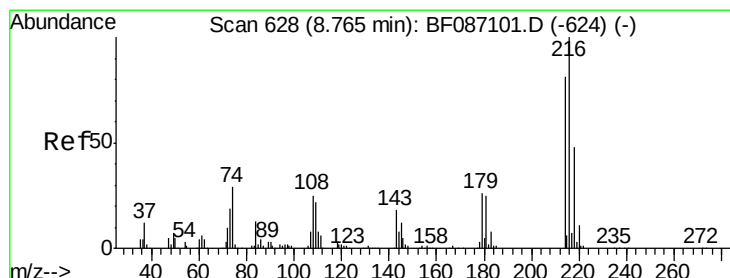
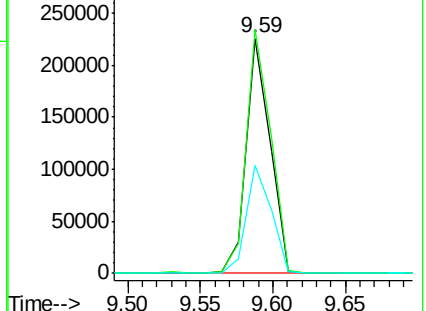
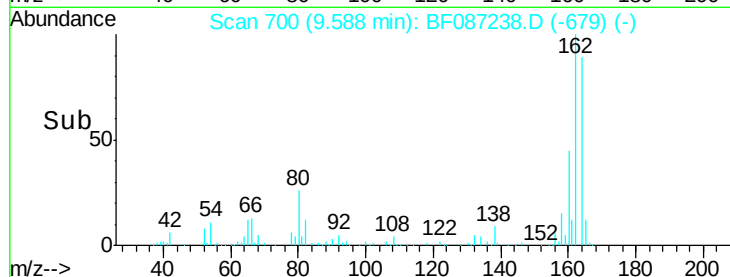
160 46.2 36.9 55.3



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: 42.07 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Tgt Ion:216 Resp: 316687

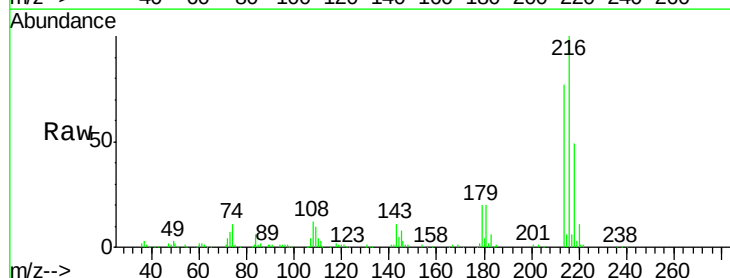
Ion Ratio Lower Upper

216 100

214 78.6 62.6 93.8

179 22.8 18.2 27.4

108 22.8 17.5 26.3

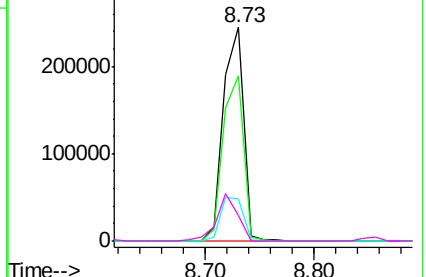
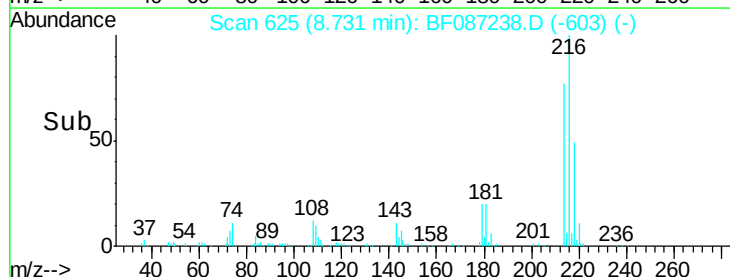


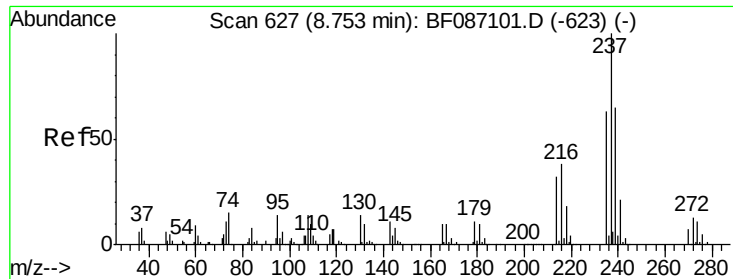
Abundance Ion 216.00 (215.70 to 216.70): E

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

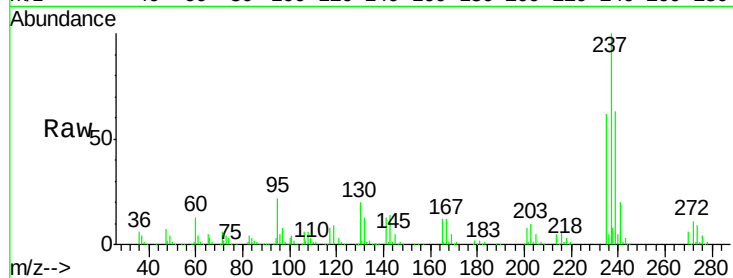




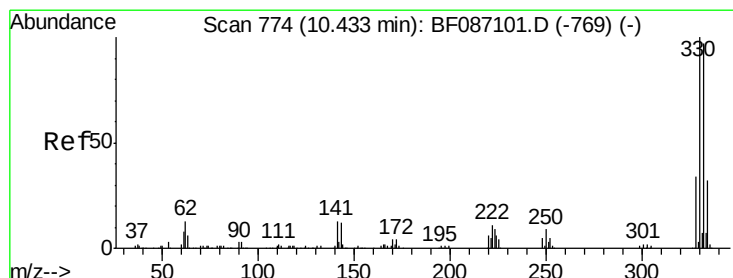
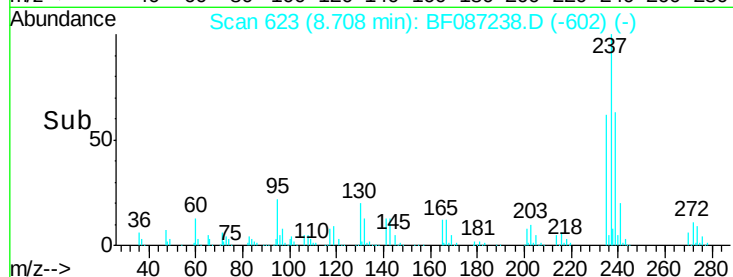
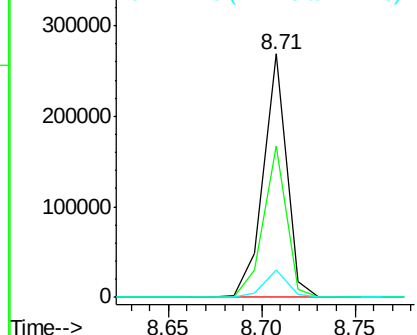
#40
Hexachlorocyclopentadiene
Concen: 79.25 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Instrument :
BNA_F
ClientSampleId :
PB90666BSD

Tot Ion:237 Resp: 230122
Ion Ratio Lower Upper
237 100
235 62.5 47.2 87.2
272 11.4 0.0 31.1

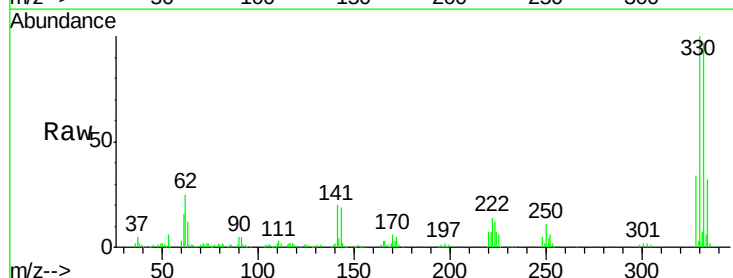


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

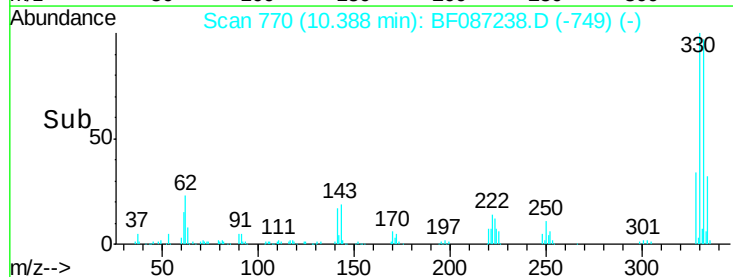
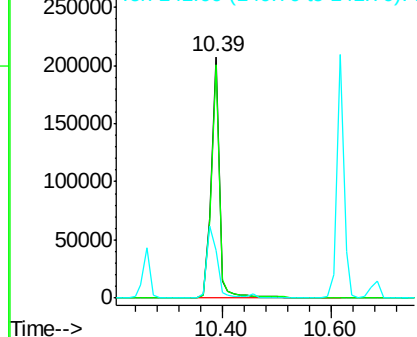


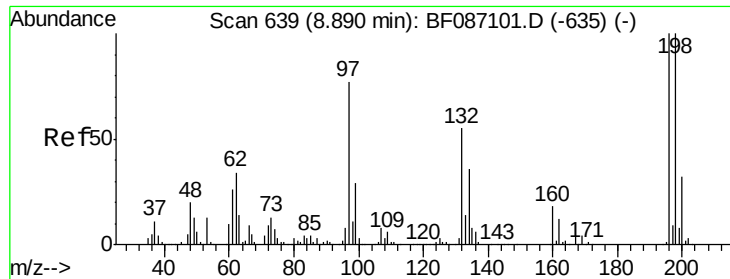
#41
2,4,6-Tribromophenol
Concen: 77.92 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion:330 Resp: 221928
Ion Ratio Lower Upper
330 100
332 96.7 79.0 118.4
141 36.0 31.2 46.8



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

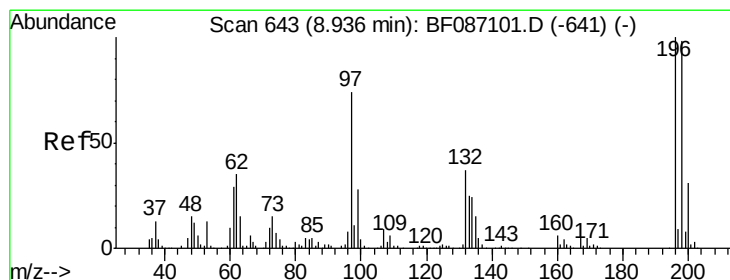
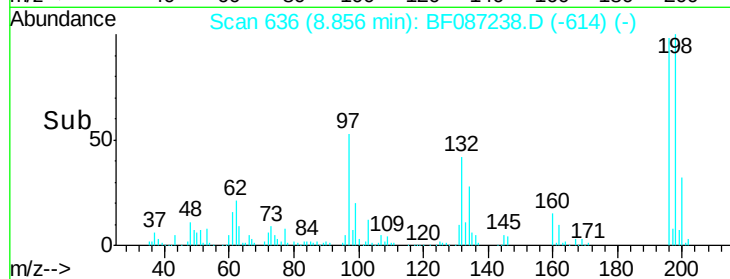
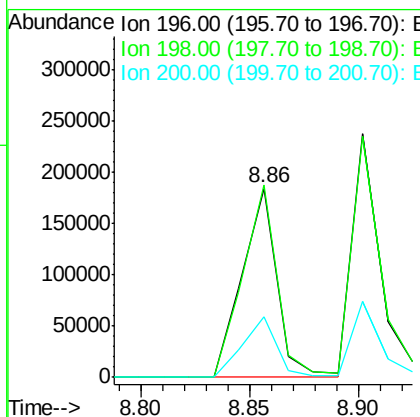
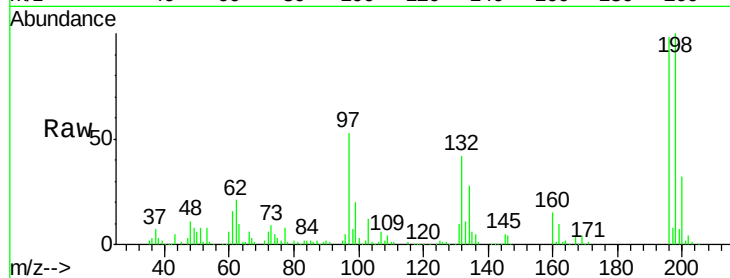




#42
 2,4,6-Trichlorophenol
 Concen: 42.34 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

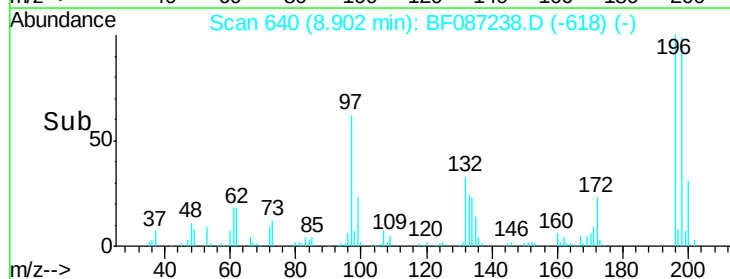
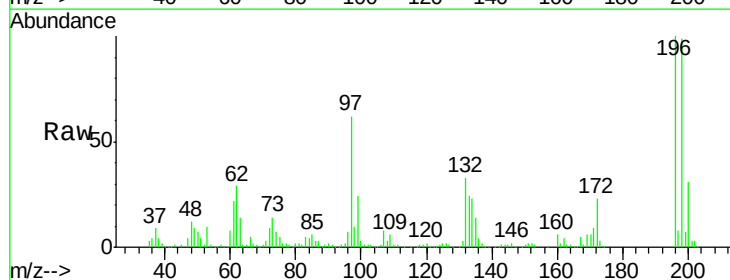
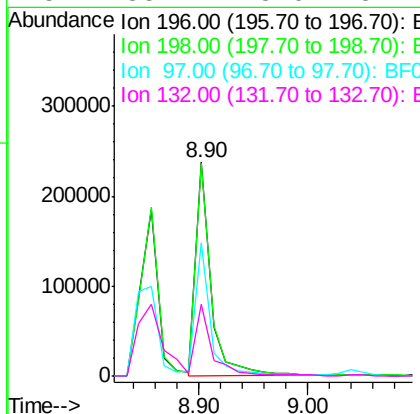
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

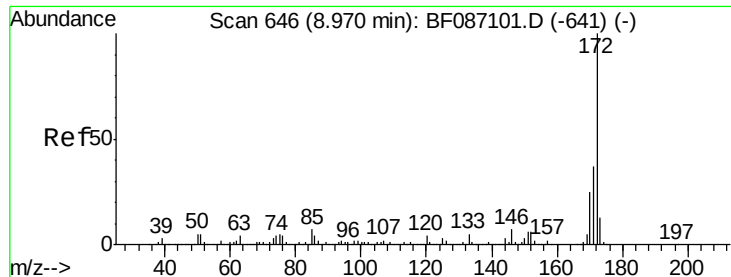
Tot Ion:196 Resp: 206699
 Ion Ratio Lower Upper
 196 100
 198 101.8 74.7 112.1
 200 32.1 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 44.98 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion:196 Resp: 228106
 Ion Ratio Lower Upper
 196 100
 198 99.2 77.5 116.3
 97 62.2 34.8 52.2#
 132 33.4 23.0 34.4





#44

2-Fluorobiphenyl

Concen: 83.37 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

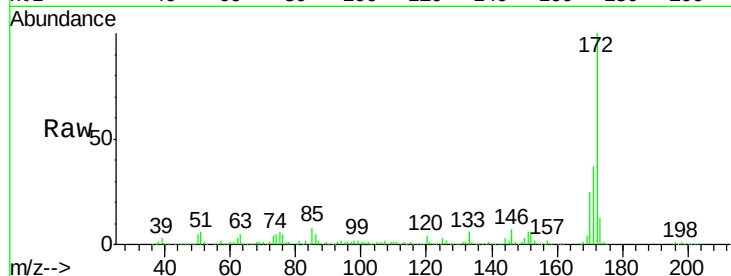
BNA_F

ClientSampleId :

PB90666BSD

Tot Ion:172 Resp: 1297367

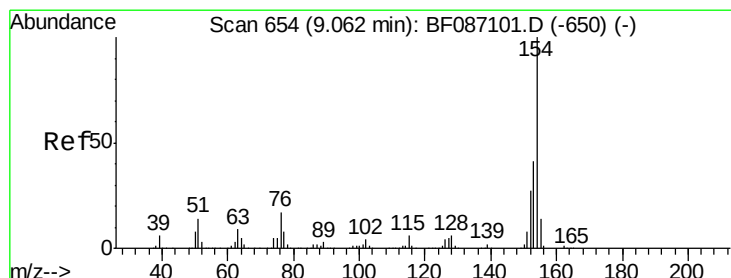
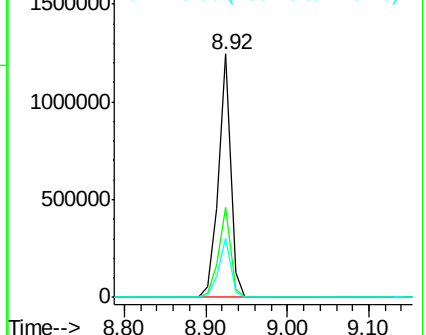
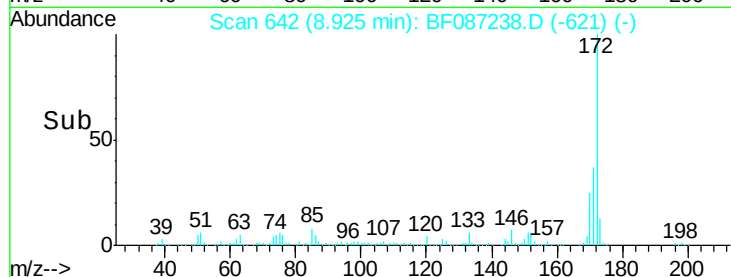
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.5	19.8	29.8



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: 43.31 ng

RT: 9.03 min Scan# 651

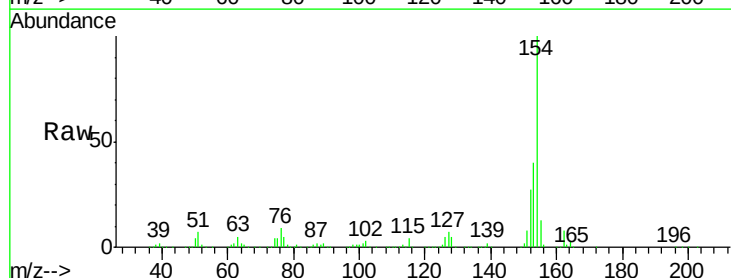
Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Tgt Ion:154 Resp: 925600

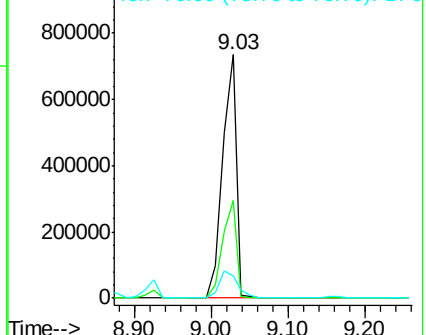
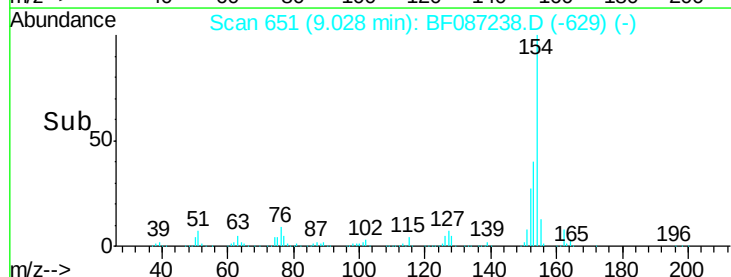
Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	9.1	0.0	30.2

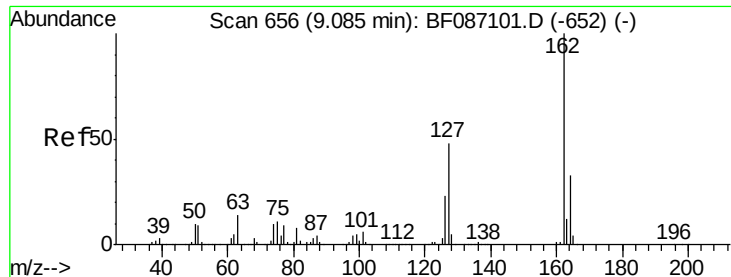


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

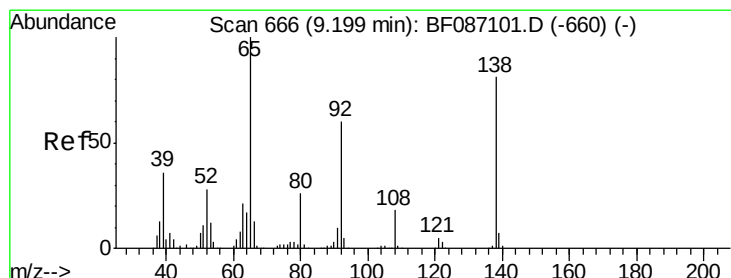
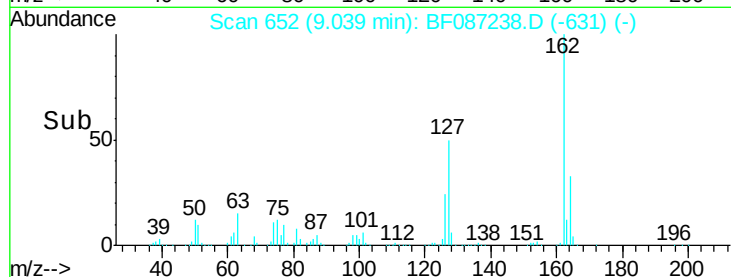
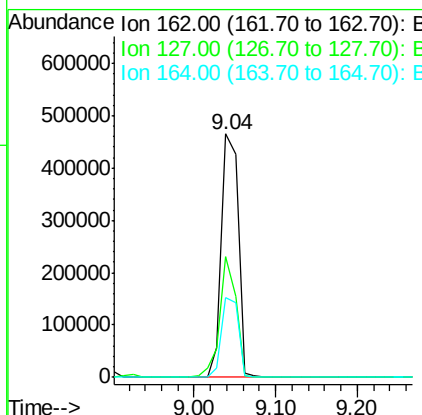
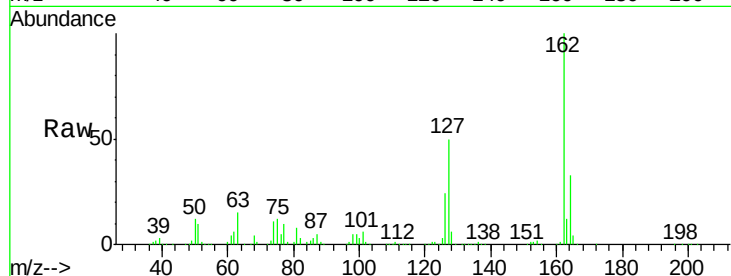




#46
 2-Chloronaphthalene
 Concen: 40.45 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

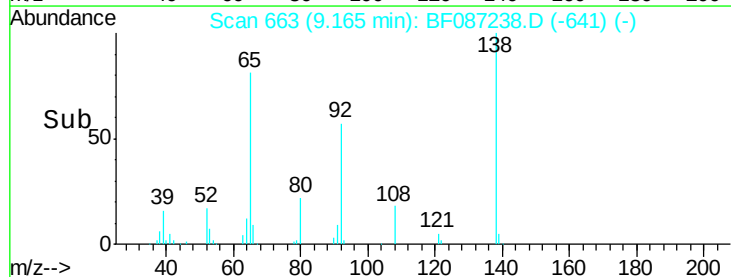
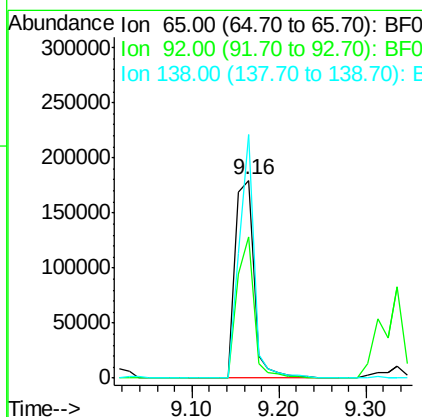
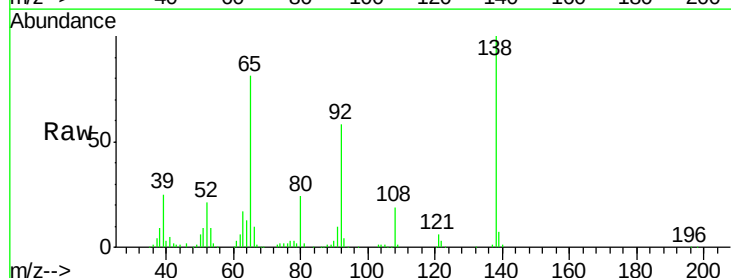
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

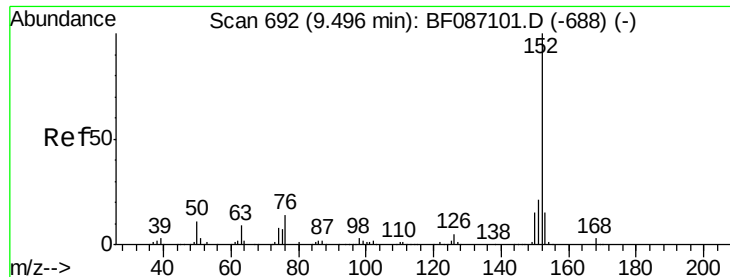
Tot Ion:162 Resp: 663679
 Ion Ratio Lower Upper
 162 100
 127 49.6 31.8 47.6#
 164 32.9 27.0 40.6



#47
 2-Nitroaniline
 Concen: 42.88 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion: 65 Resp: 269591
 Ion Ratio Lower Upper
 65 100
 92 71.2 57.4 86.2
 138 123.0 90.1 135.1





#48

Acenaphthylene

Concen: 39.97 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

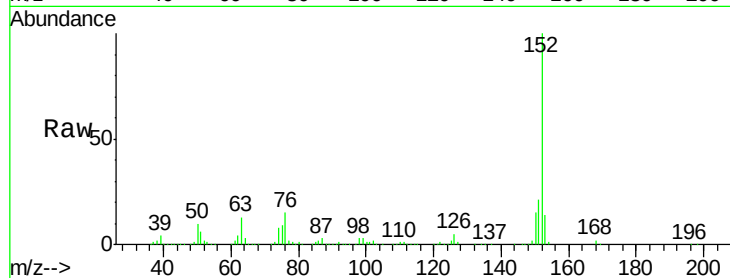
Tot Ion:152 Resp: 1001182

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

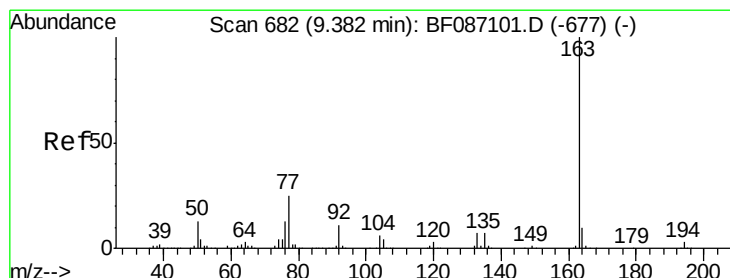
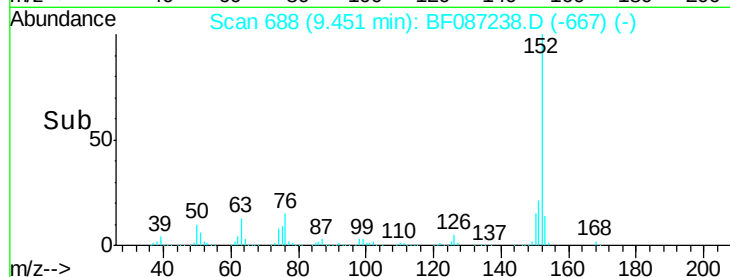
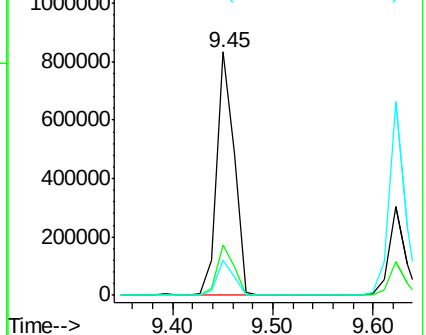
153 14.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.59 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

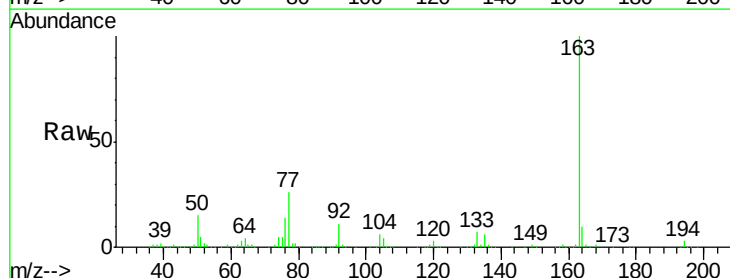
Tgt Ion:163 Resp: 837299

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

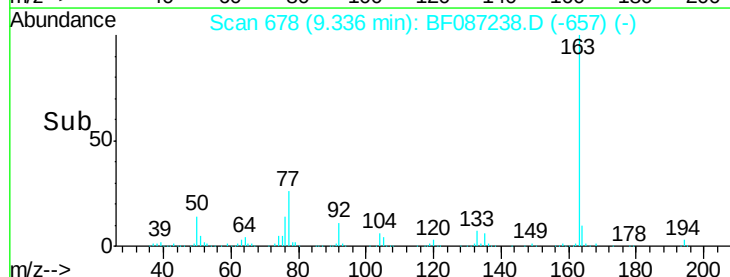
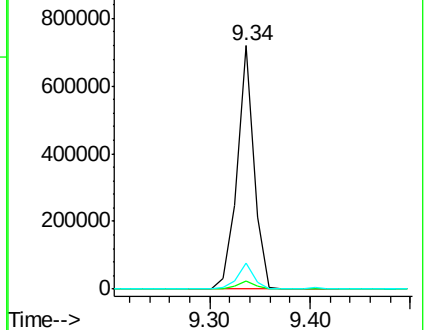
164 10.5 8.2 12.4

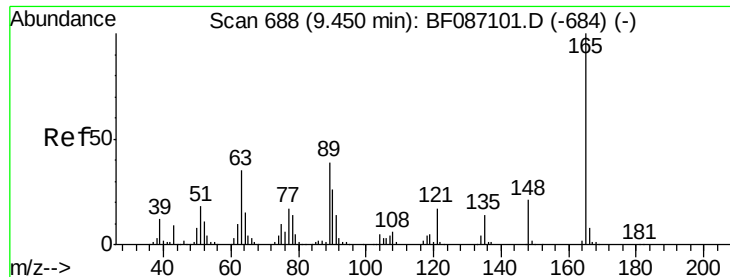


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

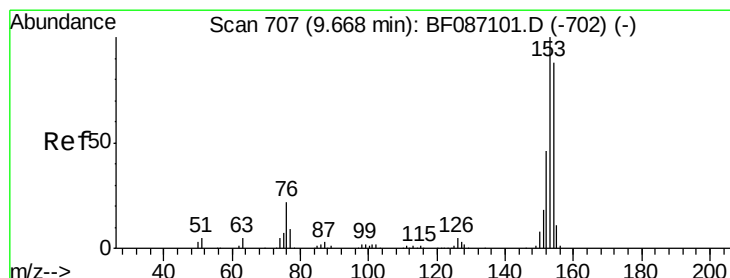
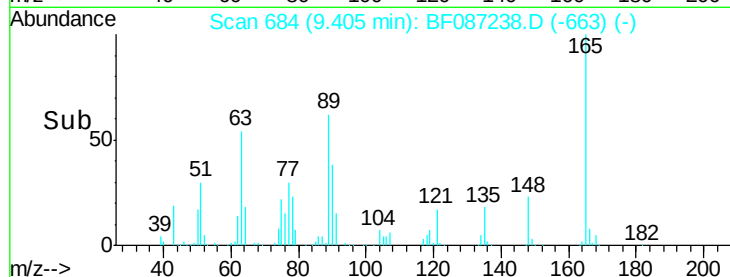
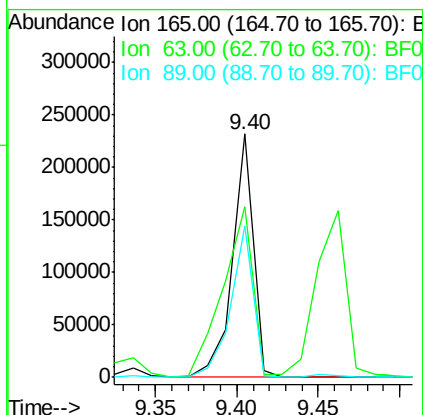
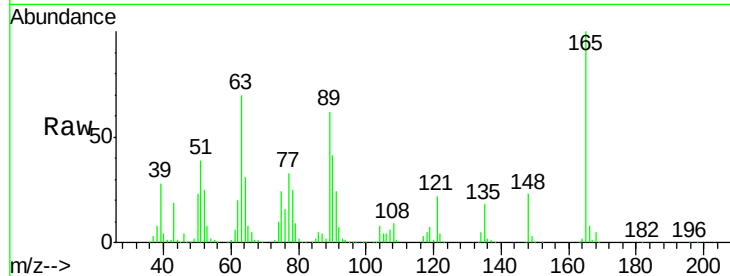




#50
 2,6-Dinitrotoluene
 Concen: 47.61 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

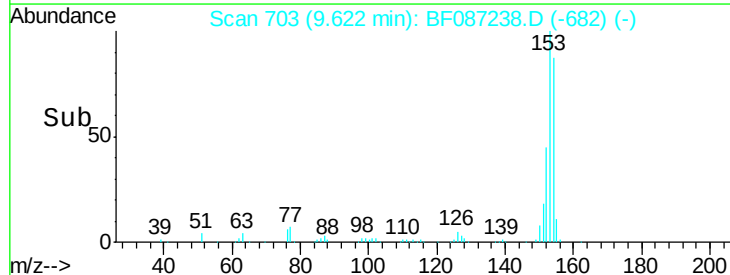
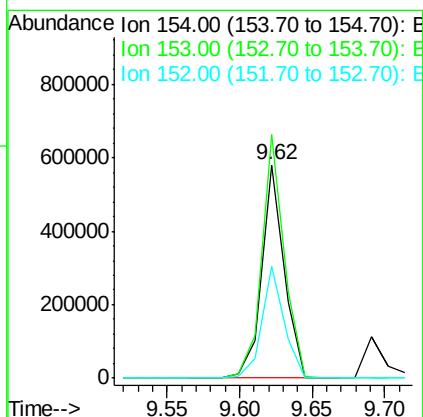
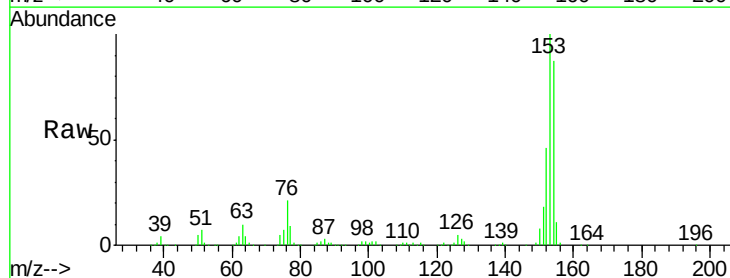
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

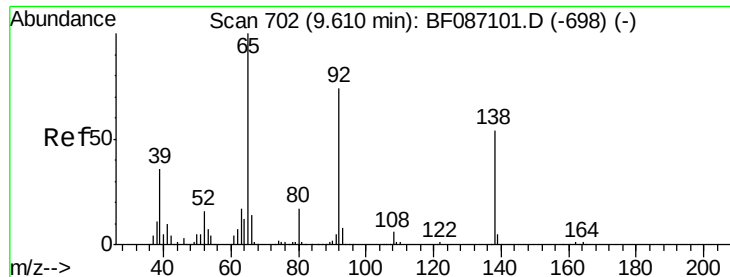
Tot Ion:165 Resp: 203238
 Ion Ratio Lower Upper
 165 100
 63 69.9 51.8 77.8
 89 62.4 50.7 76.1



#51
 Acenaphthene
 Concen: 39.71 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion:154 Resp: 621544
 Ion Ratio Lower Upper
 154 100
 153 114.4 89.8 134.6
 152 52.5 43.4 65.0





#52

3-Nitroaniline

Concen: 22.69 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

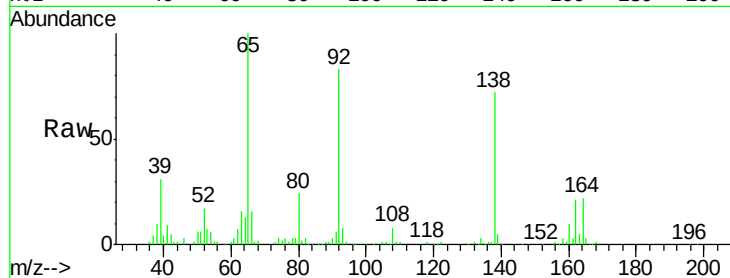
Tot Ion:138 Resp: 104870

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.6

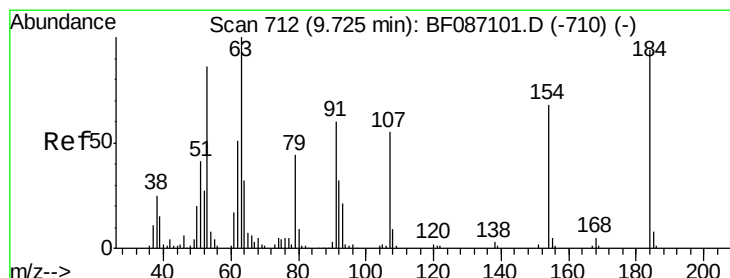
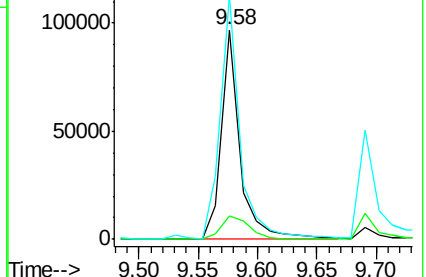
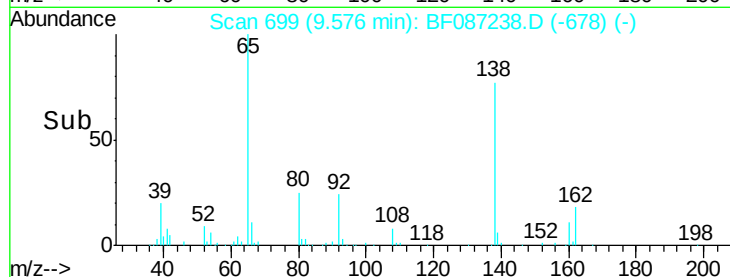
92 116.2 87.8 131.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 74.54 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

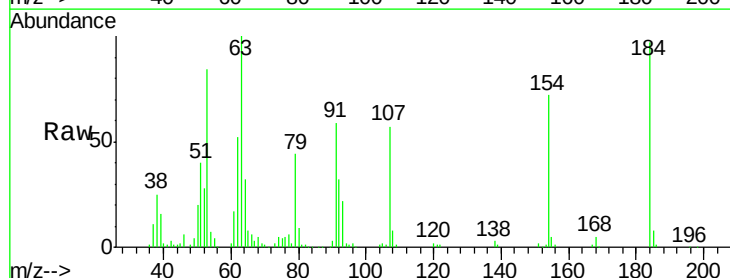
Tgt Ion:184 Resp: 181480

Ion Ratio Lower Upper

184 100

63 102.6 55.8 83.8#

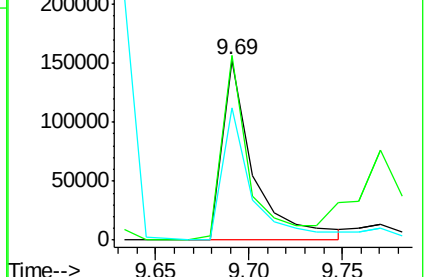
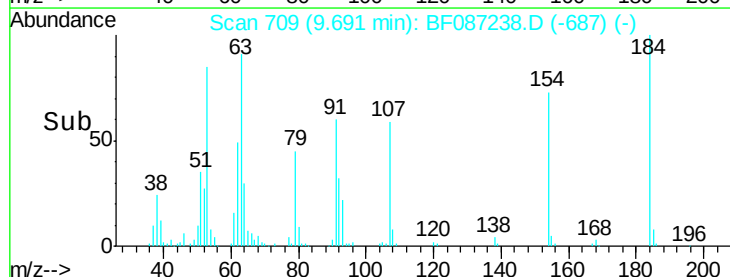
154 73.6 62.4 93.6

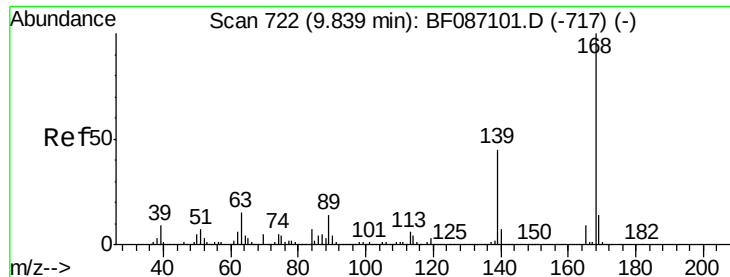


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 46.15 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

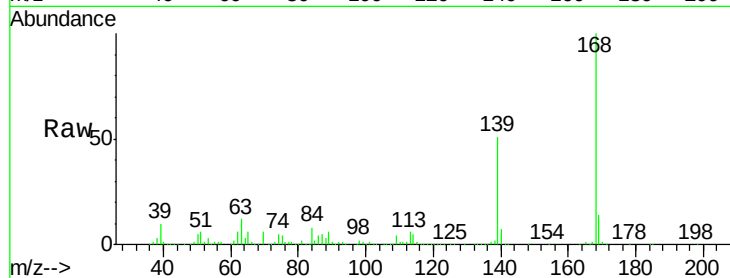
Tot Ion:168 Resp: 934097

Ion Ratio Lower Upper

168 100

139 50.9 31.4 47.0#

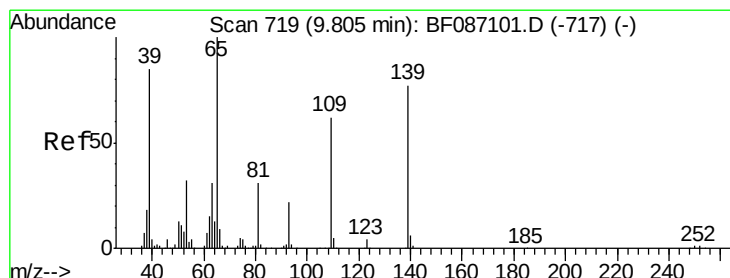
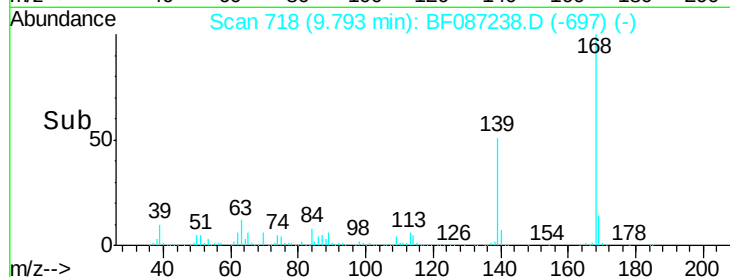
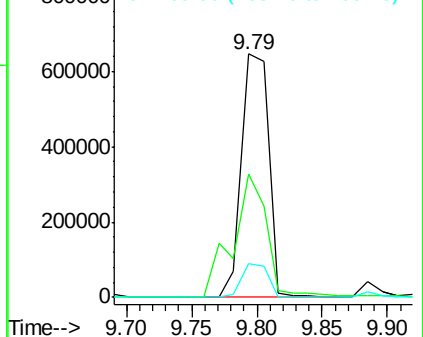
169 13.9 10.7 16.1



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: 60.33 ng m

RT: 9.77 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

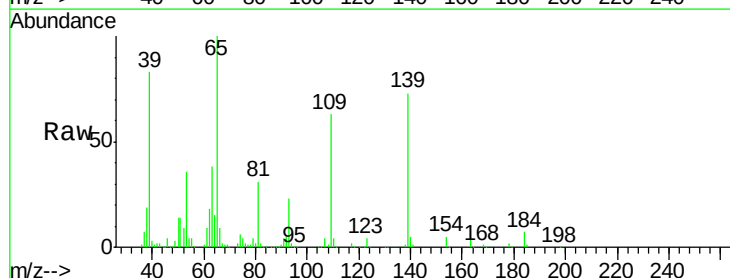
Tgt Ion:139 Resp: 170754

Ion Ratio Lower Upper

139 100

109 86.6 36.9 76.9#

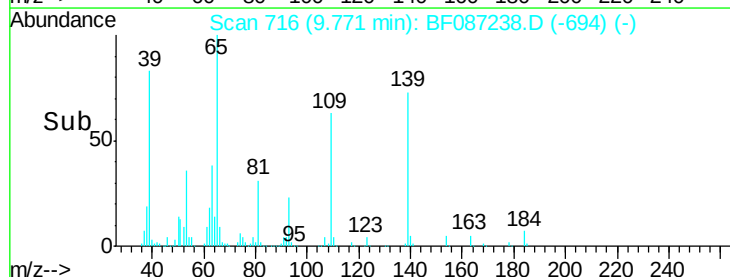
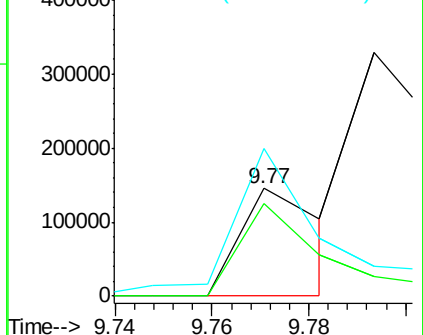
65 137.1 64.0 104.0#

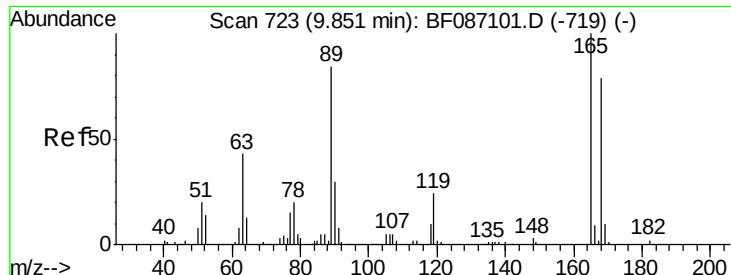


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

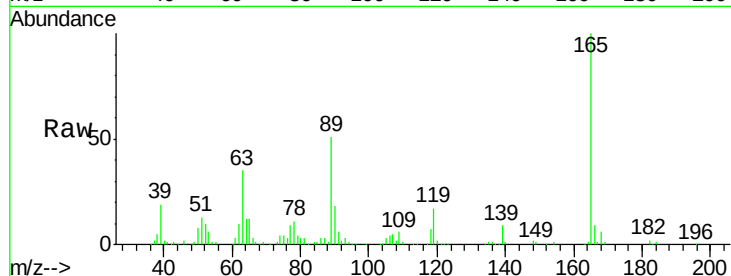




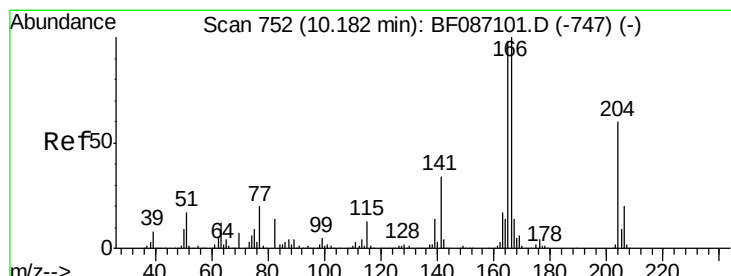
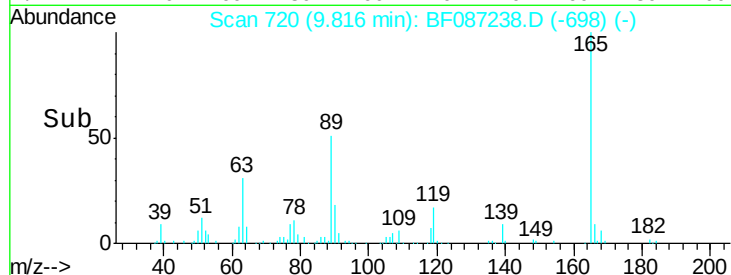
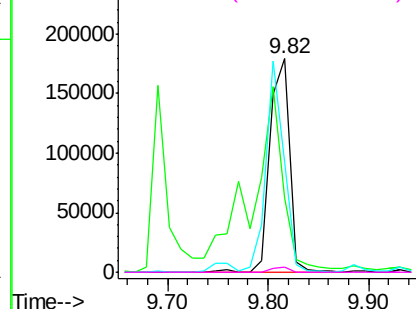
#56
2,4-Dinitrotoluene
Concen: 44.63 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Instrument :
BNA_F
ClientSampleId :
PB90666BSD

Tot Ion:165 Resp: 244037
Ion Ratio Lower Upper
165 100
63 35.1 44.3 66.5#
89 51.4 70.0 105.0#
182 2.5 1.8 2.6

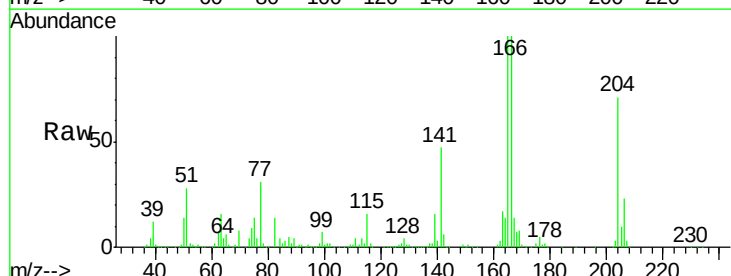


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

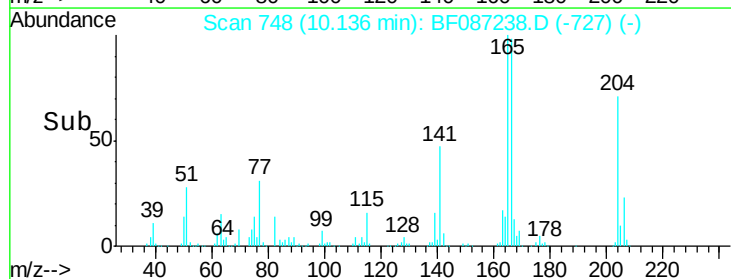
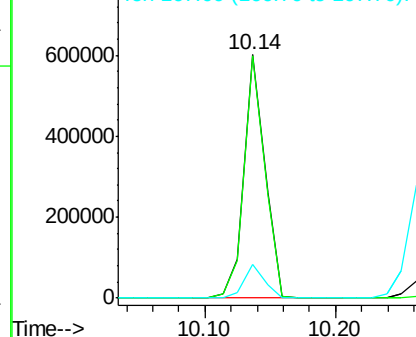


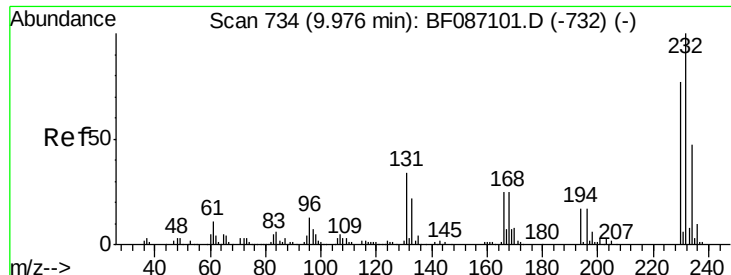
#57
Fluorene
Concen: 41.06 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion:166 Resp: 667580
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 14.1 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

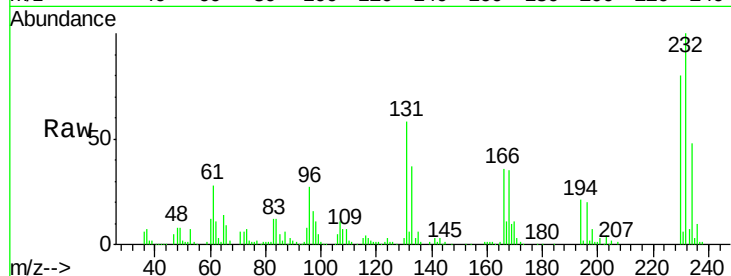




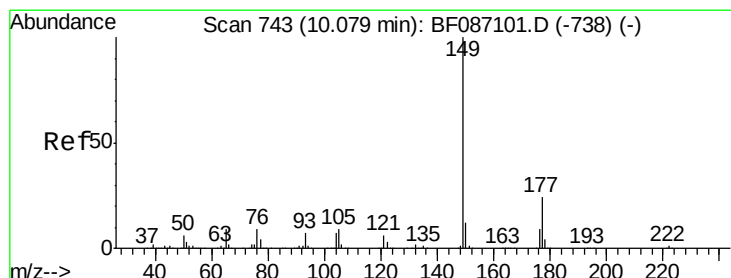
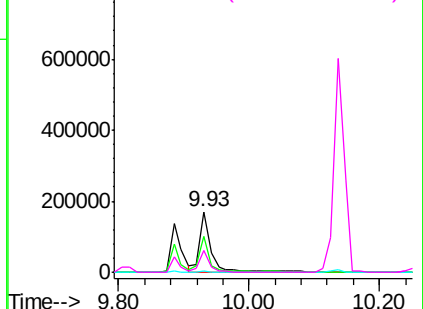
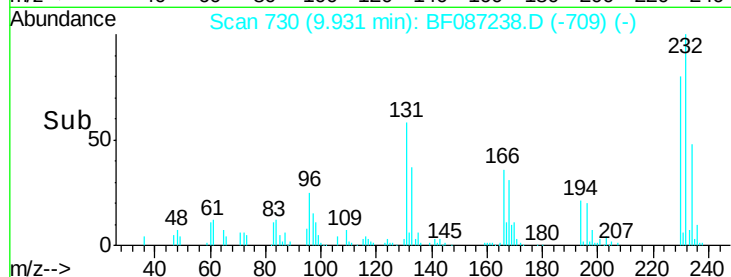
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.58 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

Tot Ion:	232	Resp:	199787
Ion	Ratio	Lower	Upper
232	100		
131	52.4	41.9	62.9
130	3.2	2.2	3.4
166	30.8	26.8	40.2

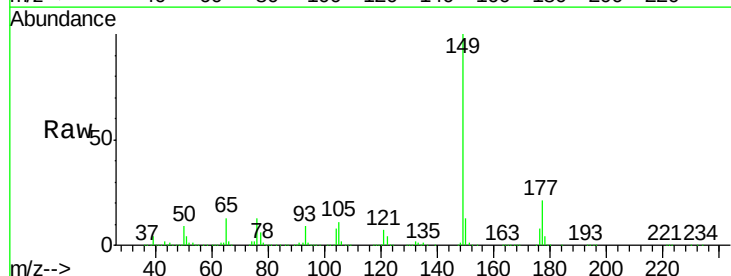


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

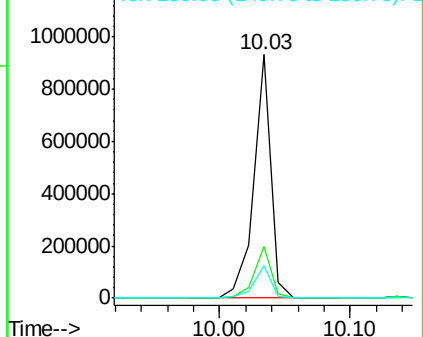
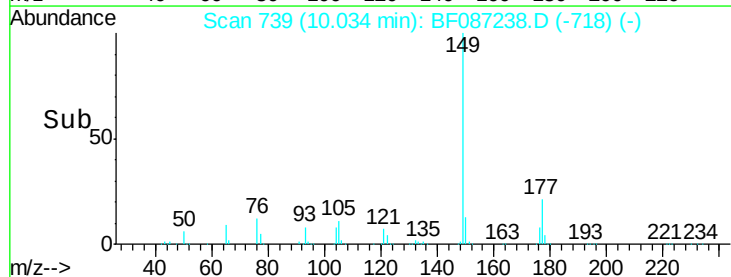


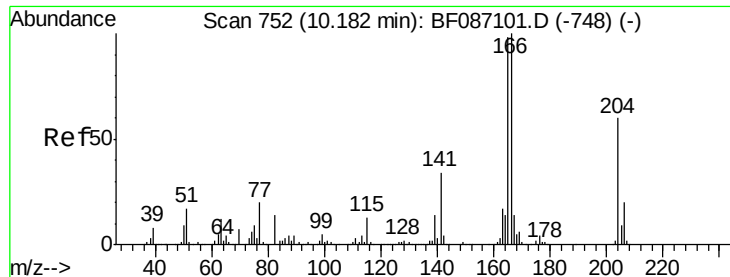
#59
 Diethylphthalate
 Concen: 45.34 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion:	149	Resp:	850967
Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	24.8
150	13.2	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

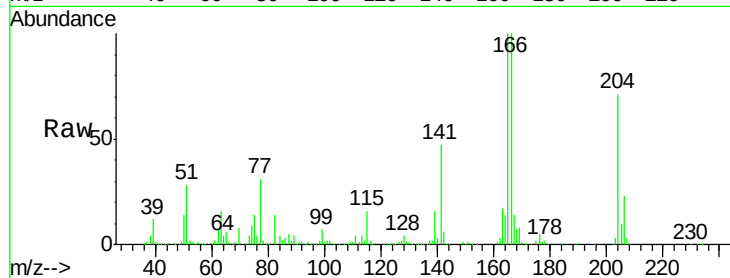




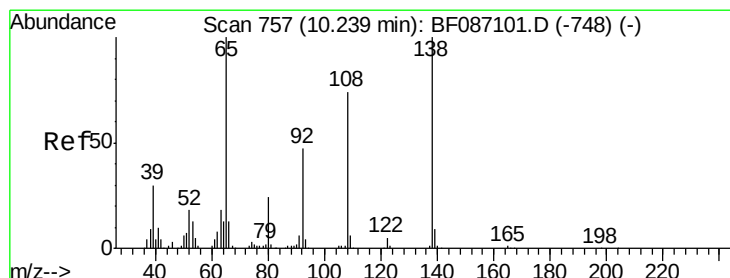
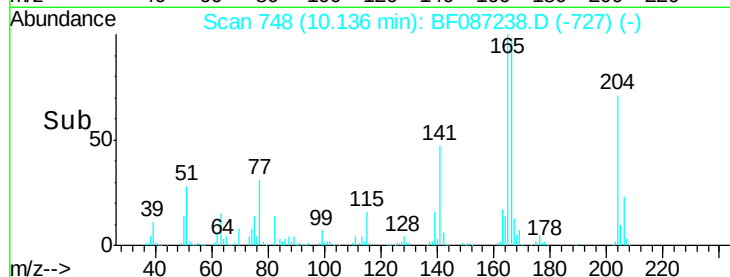
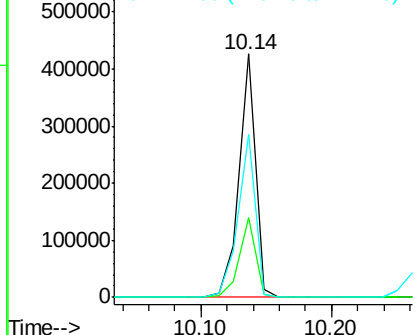
#60
4-Chlorophenyl-phenylether
Concen: 48.24 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Instrument :
BNA_F
ClientSampleId :
PB90666BSD

Tot Ion:204 Resp: 371816
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 66.7 61.6 92.4

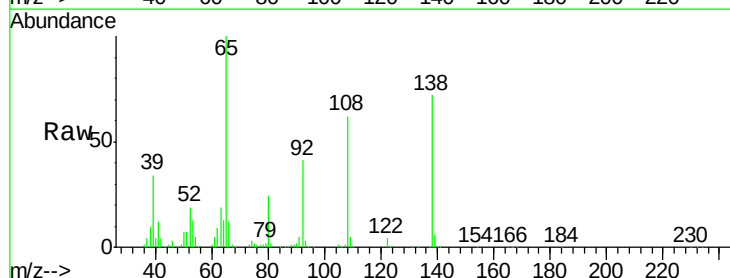


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

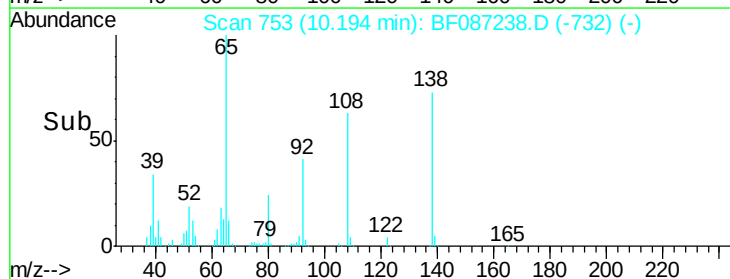
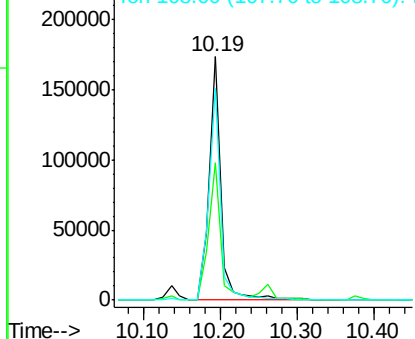


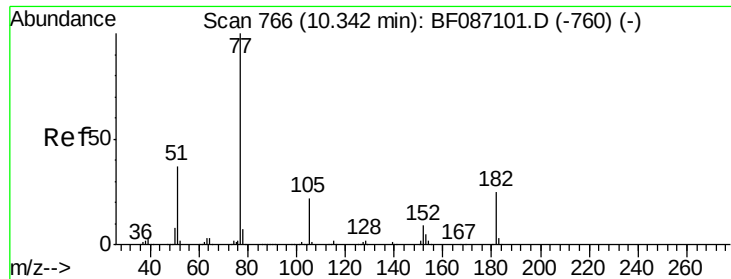
#61
4-Nitroaniline
Concen: 40.36 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion:138 Resp: 184140
Ion Ratio Lower Upper
138 100
92 56.6 24.7 64.7
108 86.8 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: 48.11 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

Tot Ion: 77 Resp: 1040573

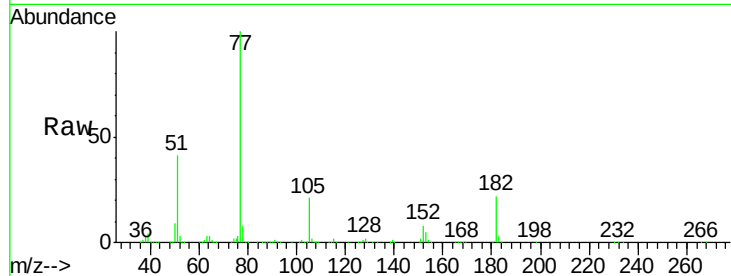
Ion Ratio Lower Upper

77 100

182 22.3 0.0 38.8

105 21.5 3.2 43.2

51 40.8 8.8 48.8

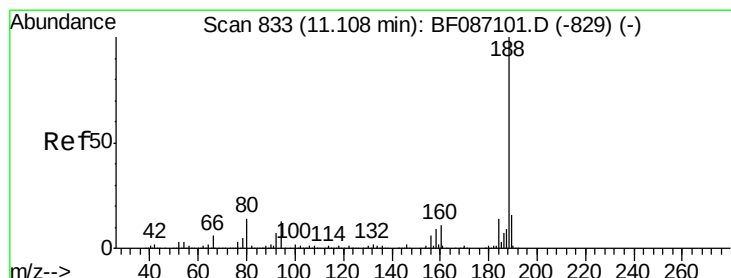
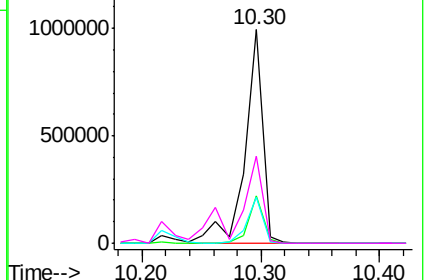
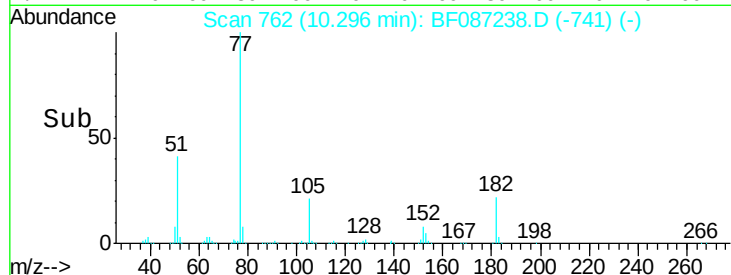


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

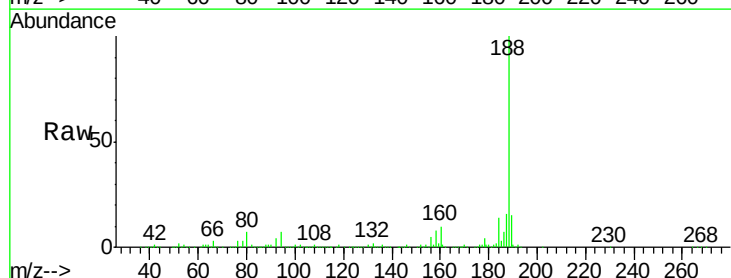
Tgt Ion: 188 Resp: 509755

Ion Ratio Lower Upper

188 100

94 6.8 6.8 10.2#

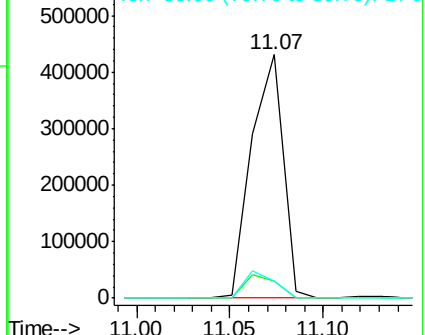
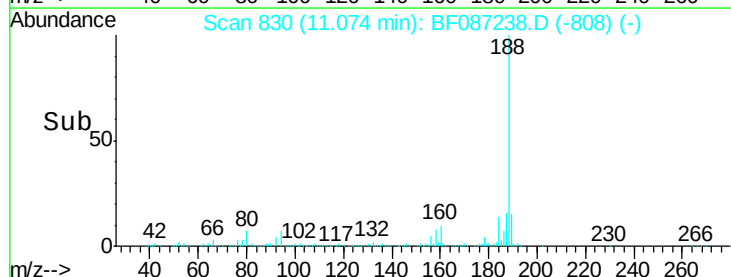
80 7.2 7.1 10.7

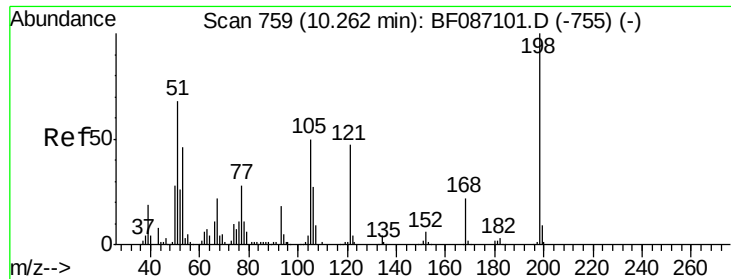


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 40.47 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

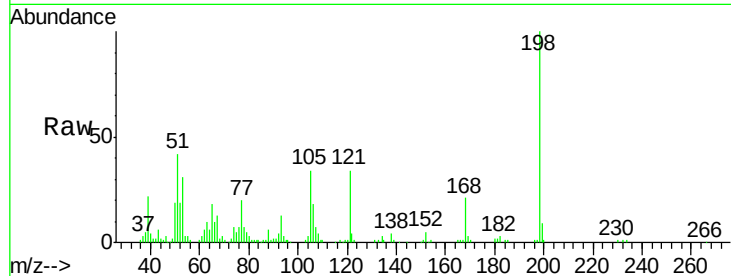
Tot Ion:198 Resp: 135856

Ion Ratio Lower Upper

198 100

51 42.5 20.5 60.5

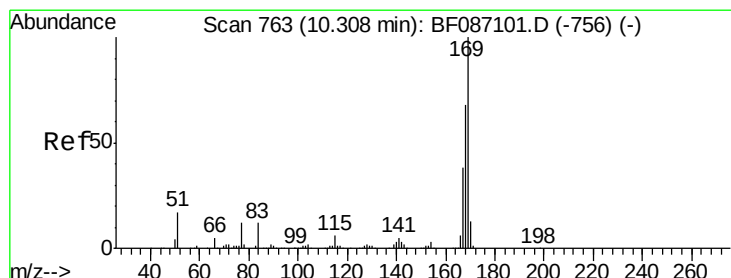
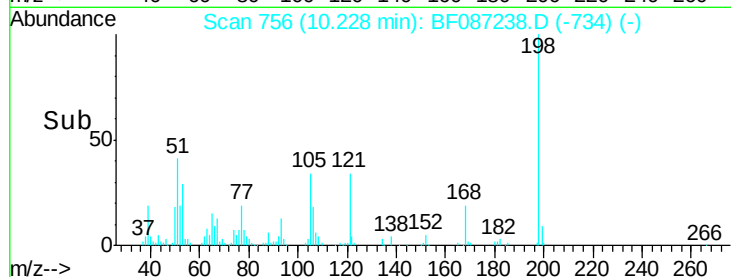
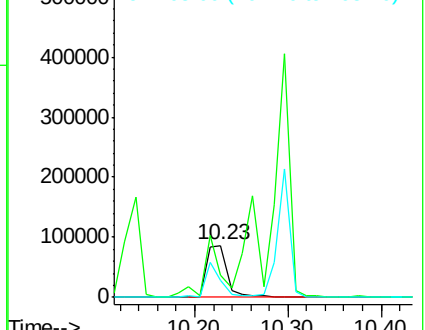
105 33.7 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.16 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

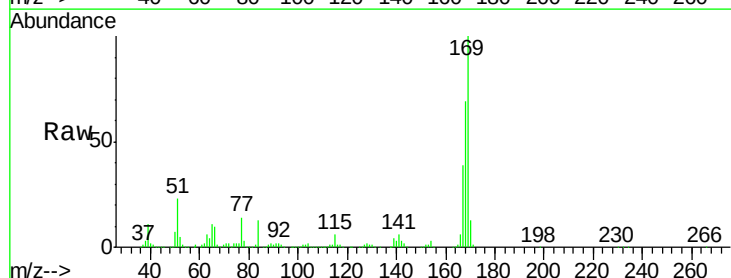
Tgt Ion:169 Resp: 676238

Ion Ratio Lower Upper

169 100

168 68.8 53.8 80.6

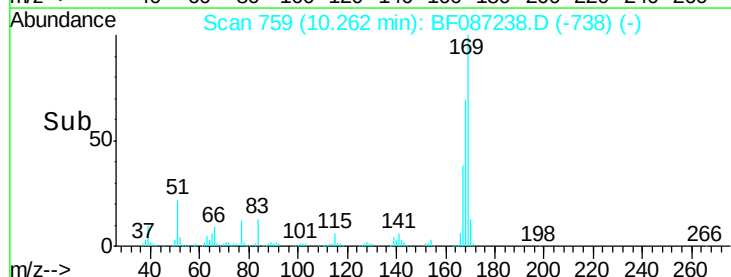
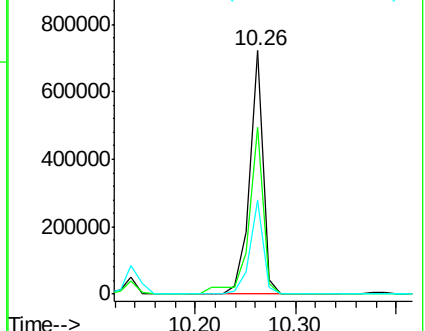
167 38.5 29.5 44.3

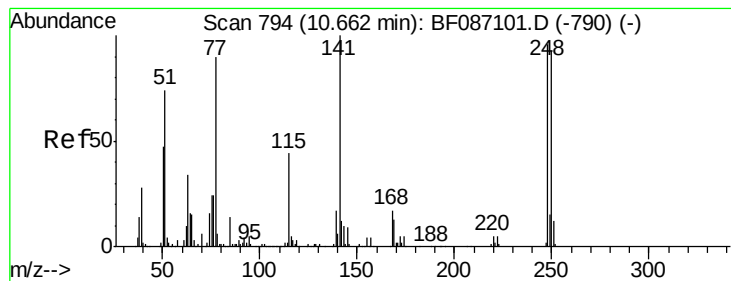


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 40.42 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

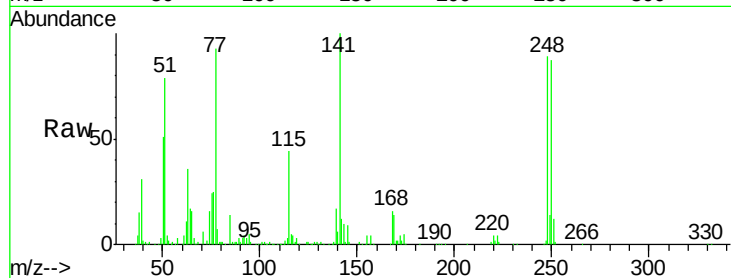
Tot Ion:248 Resp: 211863

Ion Ratio Lower Upper

248 100

250 97.5 78.6 117.8

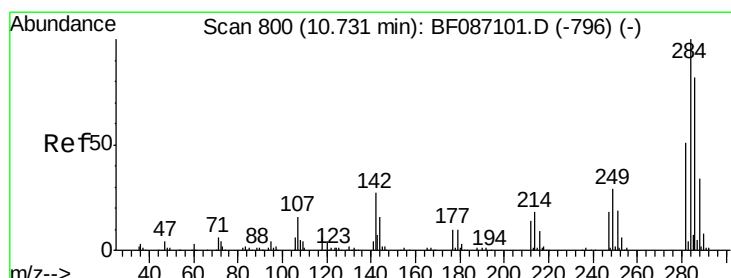
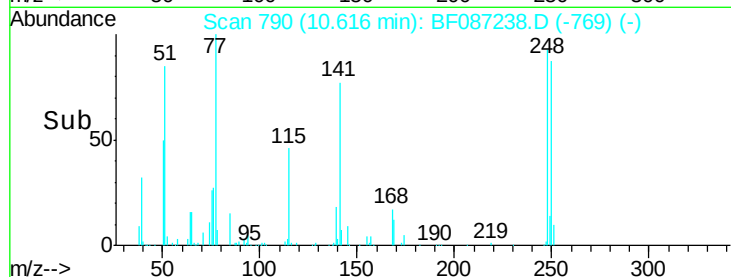
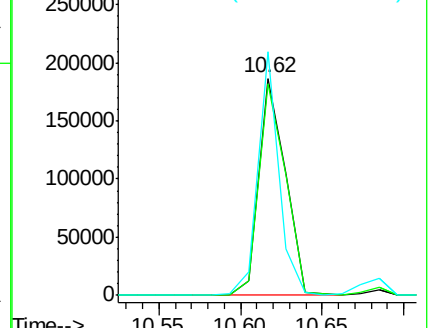
141 112.1 76.0 114.0



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: 39.61 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

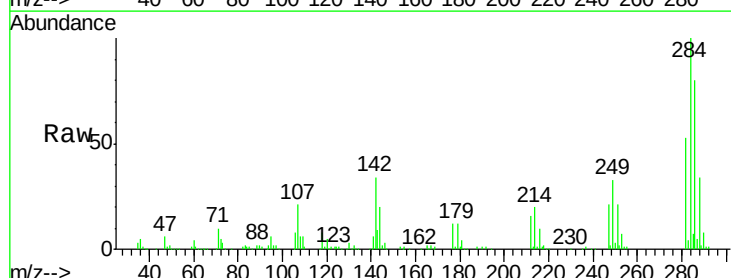
Tgt Ion:284 Resp: 240732

Ion Ratio Lower Upper

284 100

142 34.2 16.7 25.1#

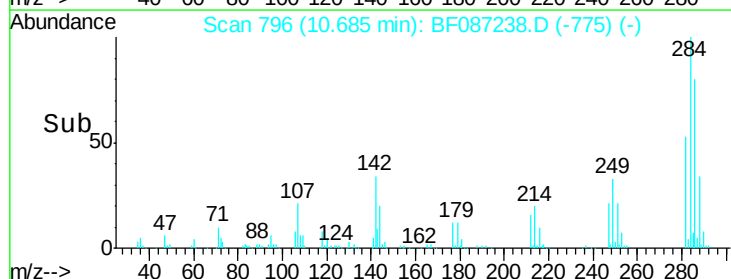
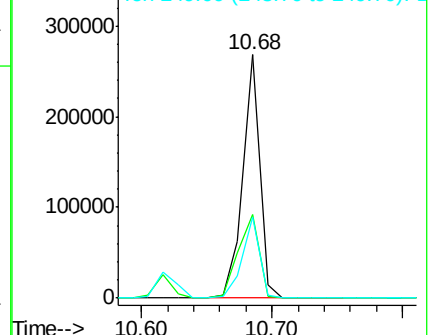
249 33.1 21.3 31.9#

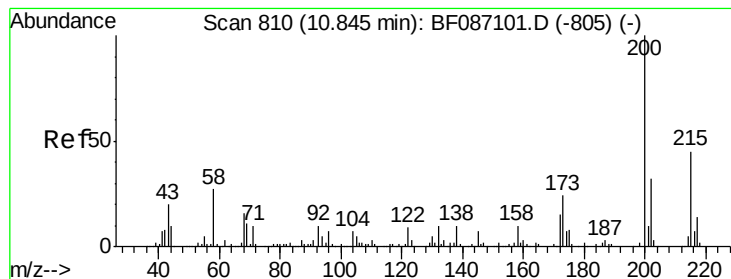


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 42.00 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

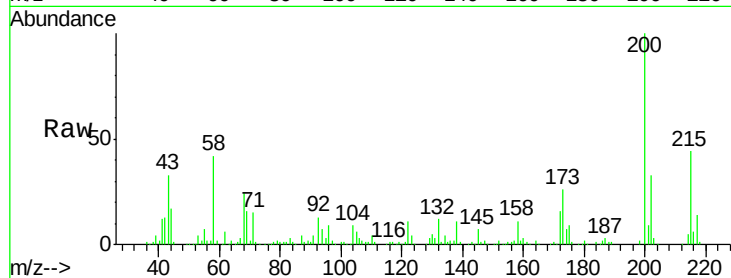
Tot Ion:200 Resp: 219787

Ion Ratio Lower Upper

200 100

173 26.2 8.5 48.5

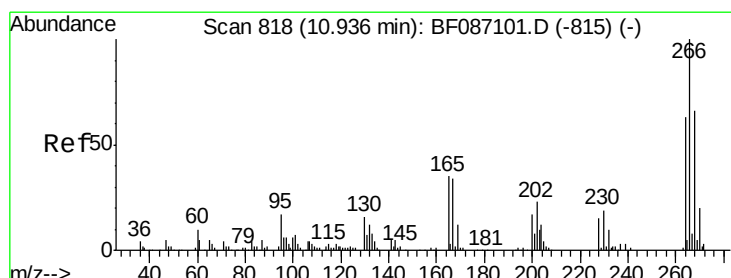
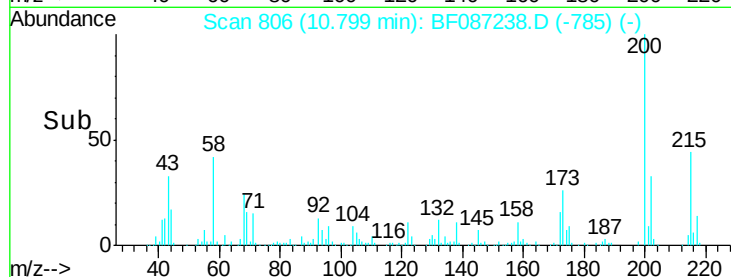
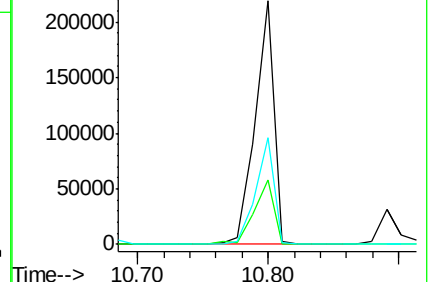
215 44.0 27.2 67.2



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: 79.32 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

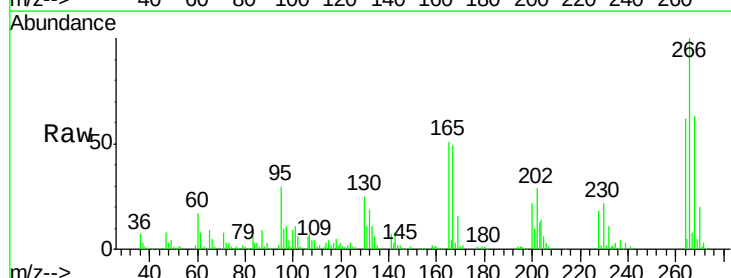
Tgt Ion:266 Resp: 181097

Ion Ratio Lower Upper

266 100

268 63.4 51.5 77.3

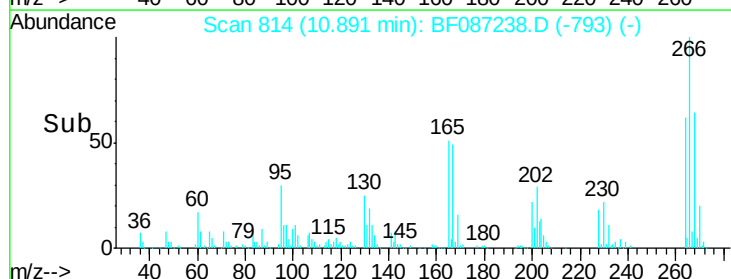
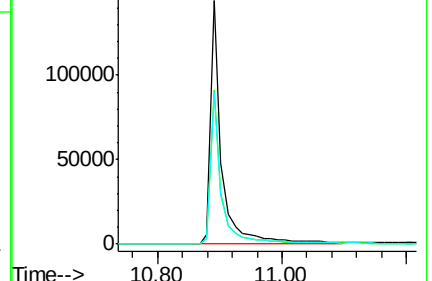
264 62.3 52.9 79.3

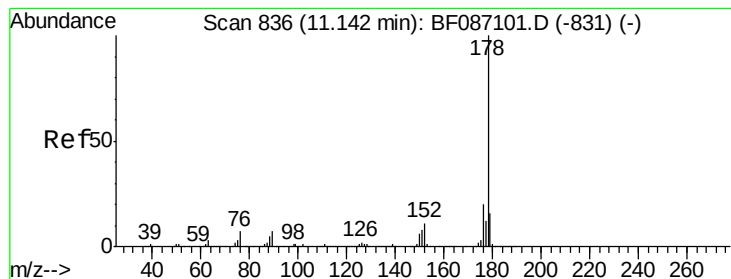


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 43.06 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

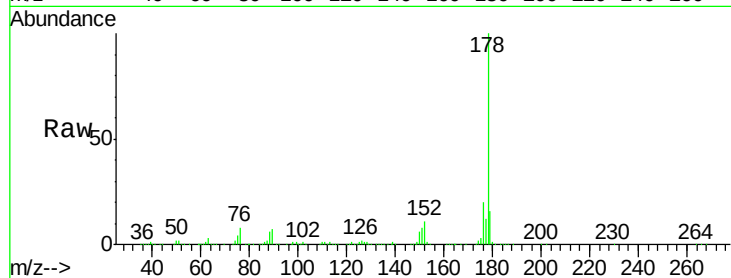
Tot Ion:178 Resp: 1190390

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

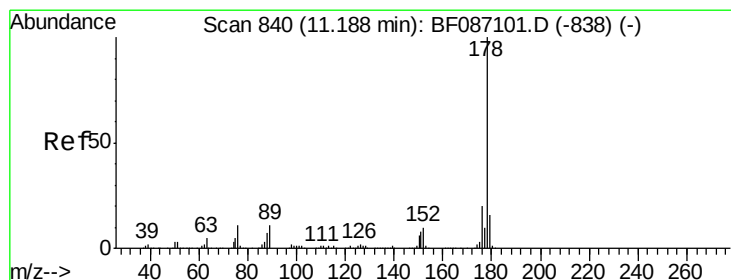
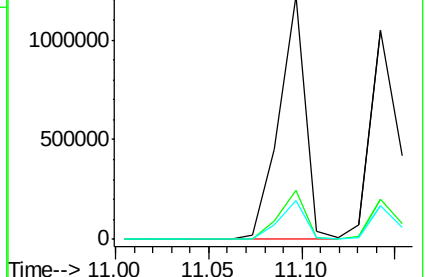
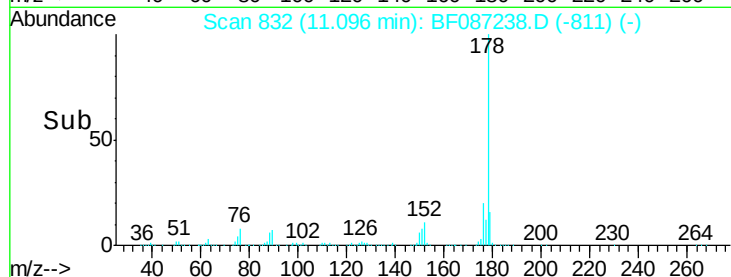
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 39.06 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

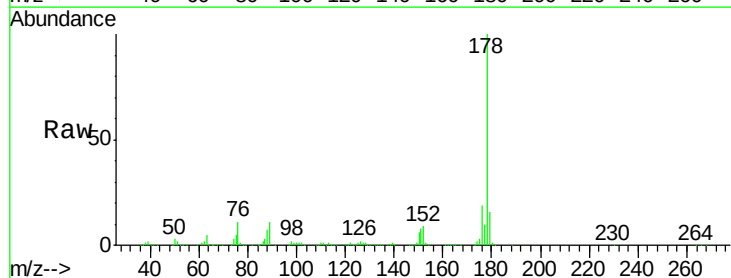
Tgt Ion:178 Resp: 1092400

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

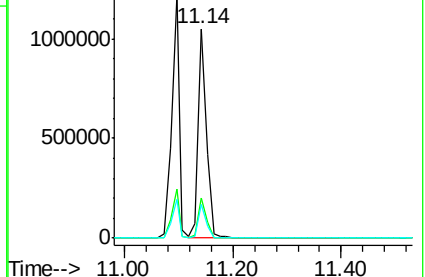
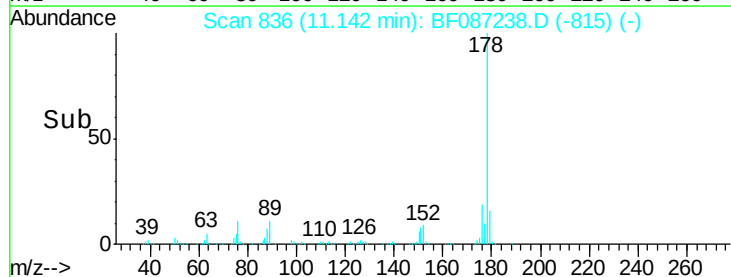
179 16.2 12.7 19.1

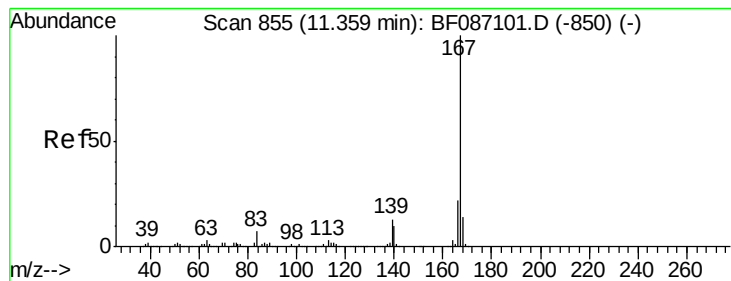


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.11 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

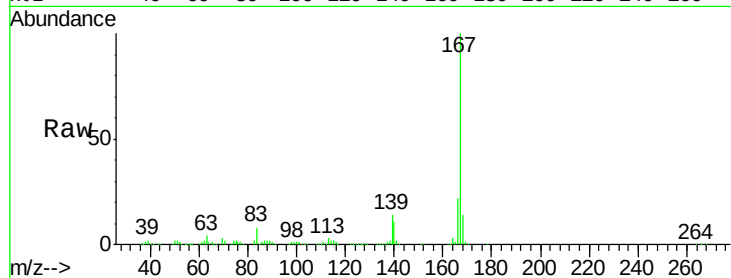
Tot Ion:167 Resp: 1075758

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

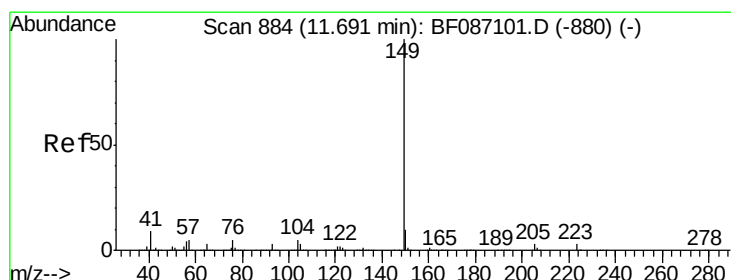
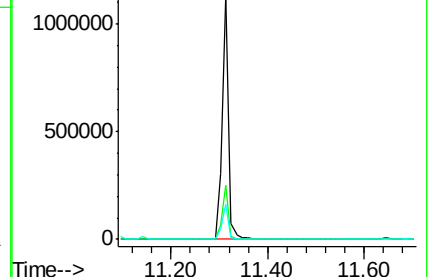
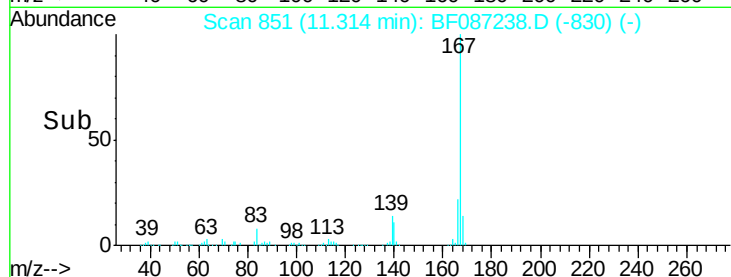
139 14.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.35 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

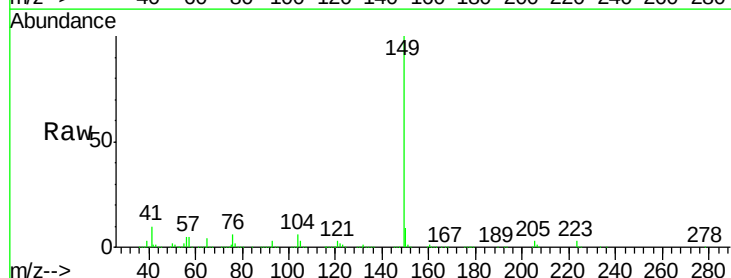
Tgt Ion:149 Resp: 1389162

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

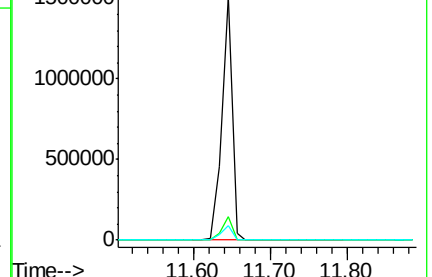
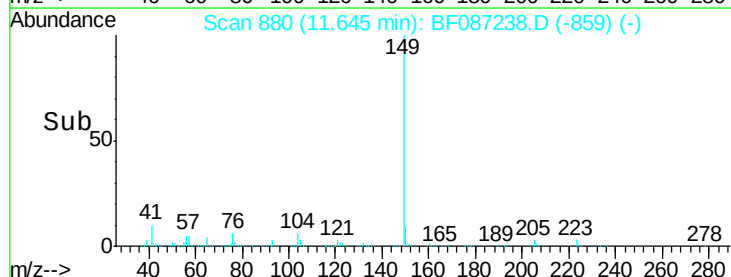
104 5.7 3.8 5.6#

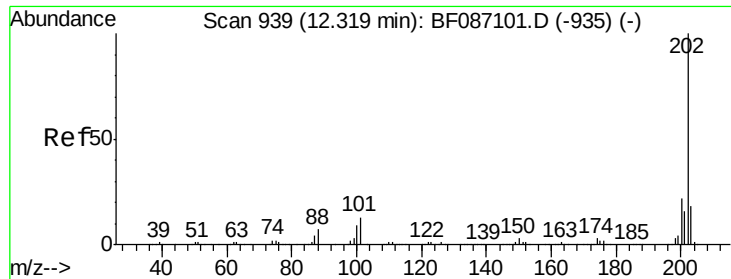


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

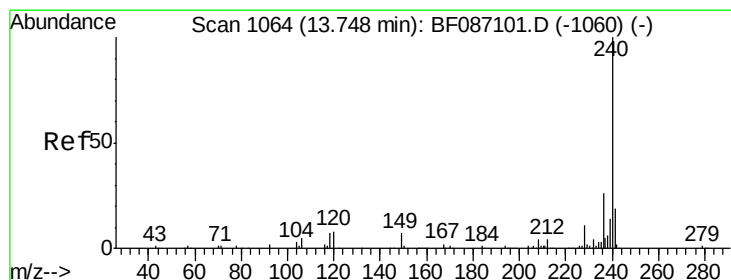
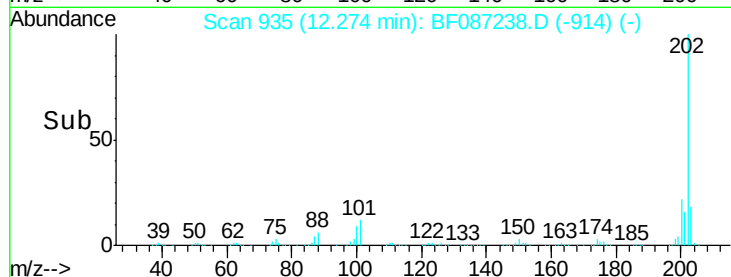
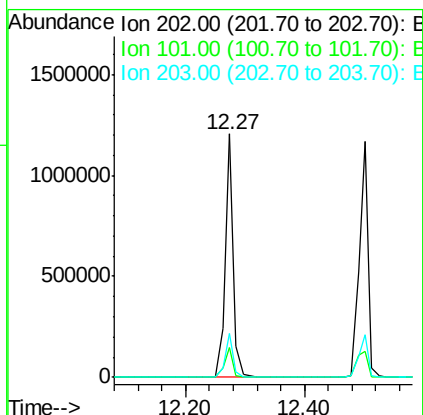
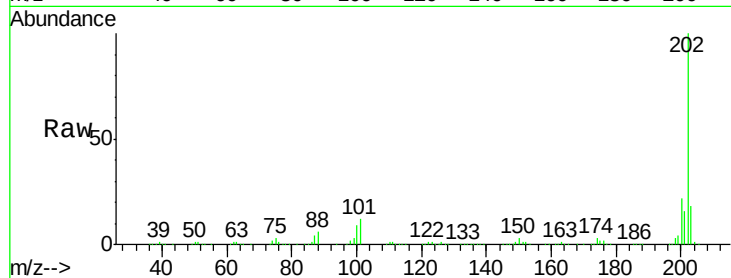




#74
 Fluoranthene
 Concen: 40.81 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

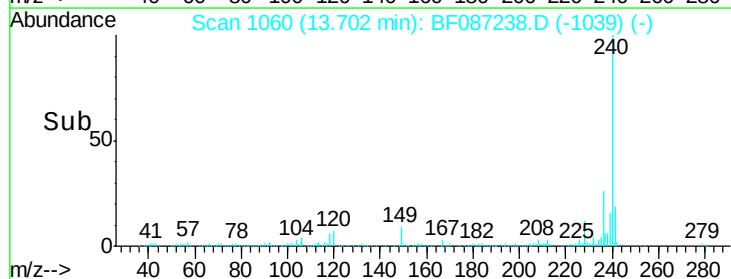
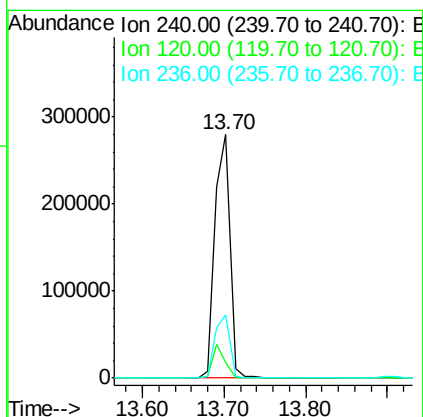
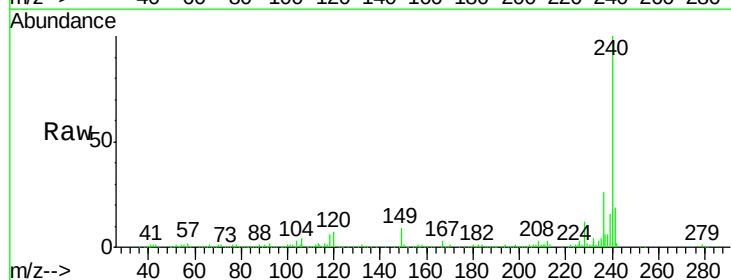
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

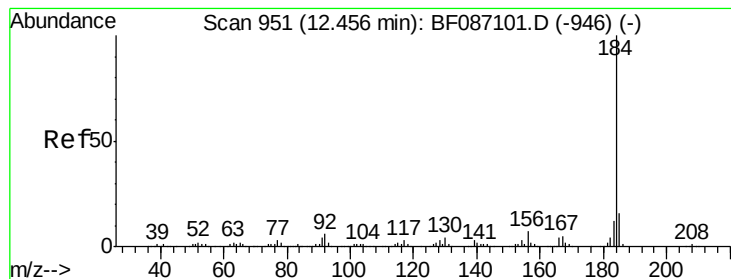
Tot Ion:202 Resp: 1130425
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 35.4
 203 18.2 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.06 min
 Lab File: BF087238.D
 Acq: 20 May 2016 21:54

Tgt Ion:240 Resp: 360947
 Ion Ratio Lower Upper
 240 100
 120 6.5 11.2 16.8#
 236 26.0 21.2 31.8

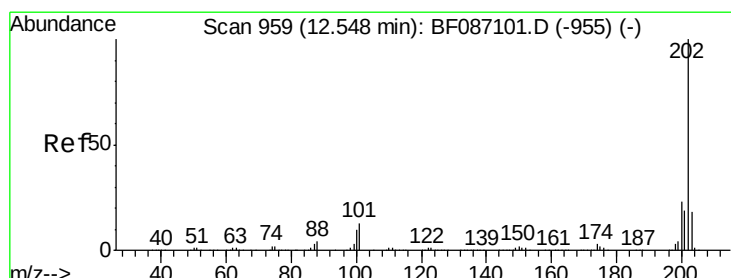
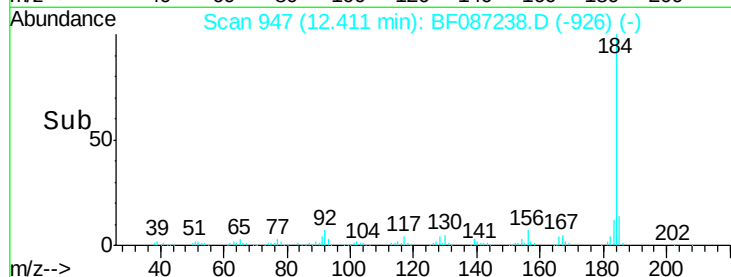
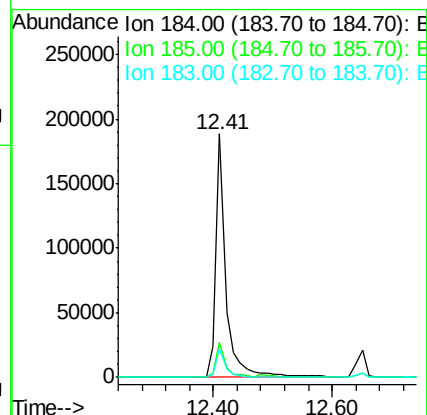
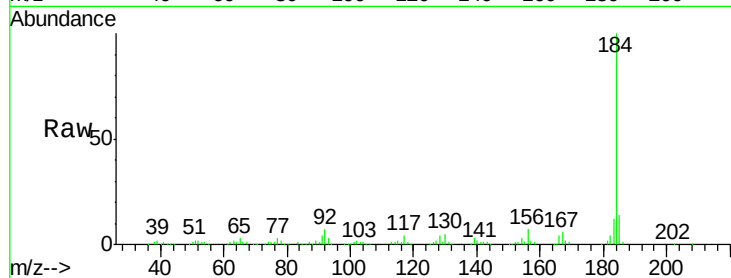




#76
Benzidine
Concen: 18.68 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

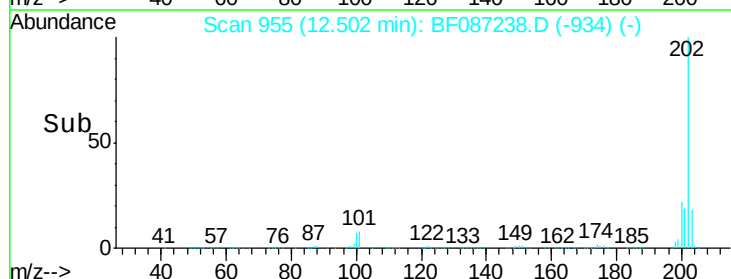
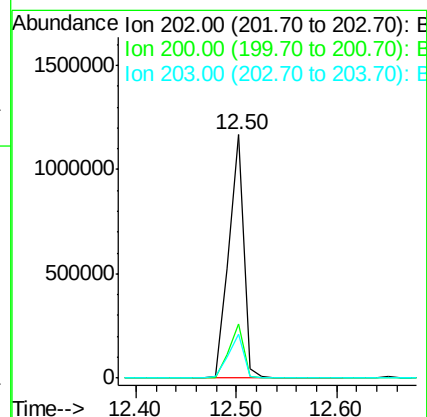
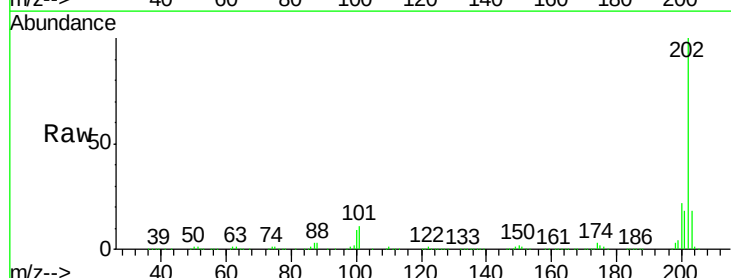
Instrument :
BNA_F
ClientSampleId :
PB90666BSD

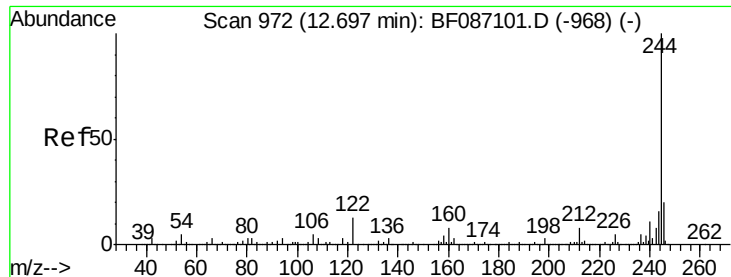
Tot Ion:184 Resp: 220570
Ion Ratio Lower Upper
184 100
185 14.4 13.6 20.4
183 11.9 9.8 14.6



#77
Pyrene
Concen: 46.32 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion:202 Resp: 1207895
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.2 21.4





#78

Terphenyl-d14

Concen: 83.70 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

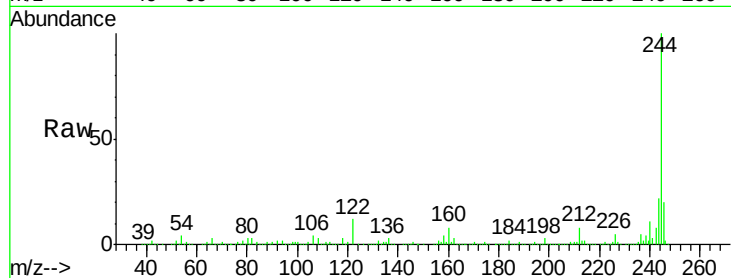
Tot Ion:244 Resp: 1335602

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

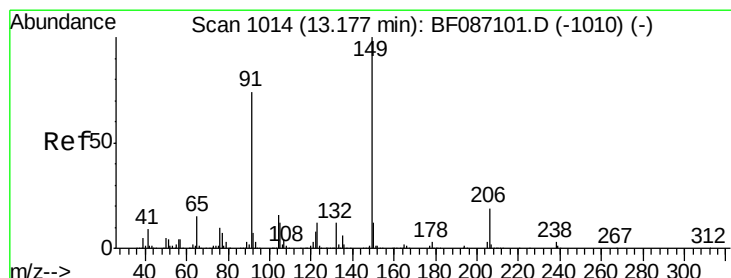
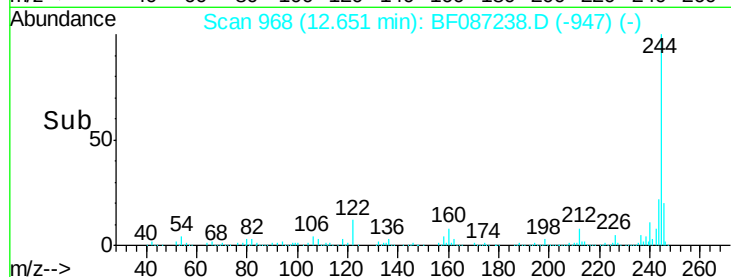
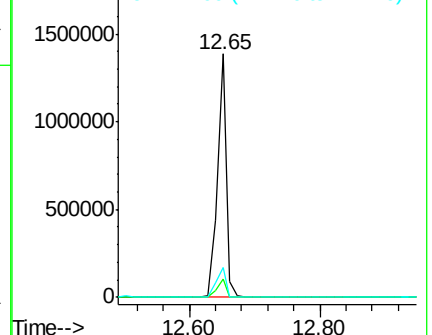
122 12.2 12.0 18.0



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: 52.28 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

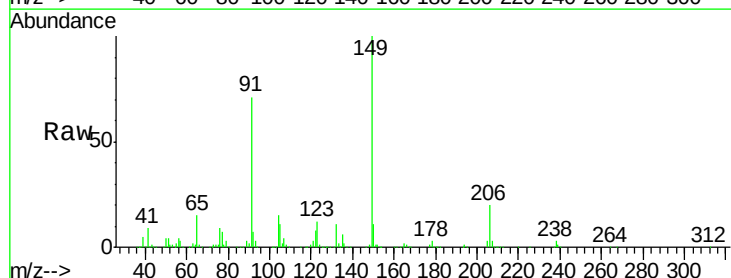
Tgt Ion:149 Resp: 575453

Ion Ratio Lower Upper

149 100

91 71.0 48.0 72.0

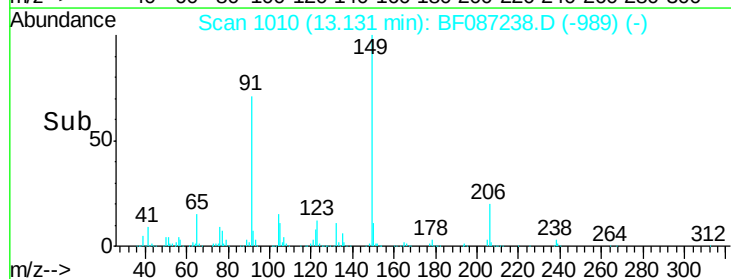
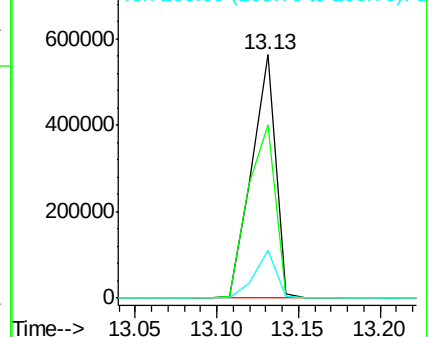
206 19.7 15.8 23.6

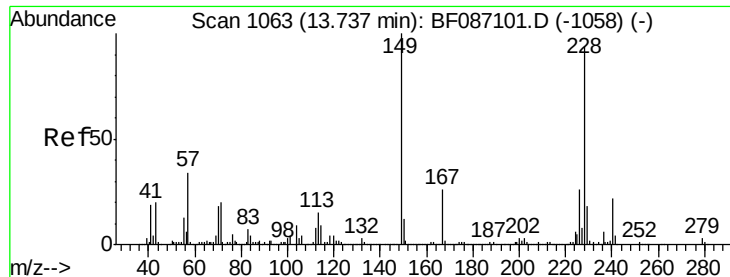


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.62 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

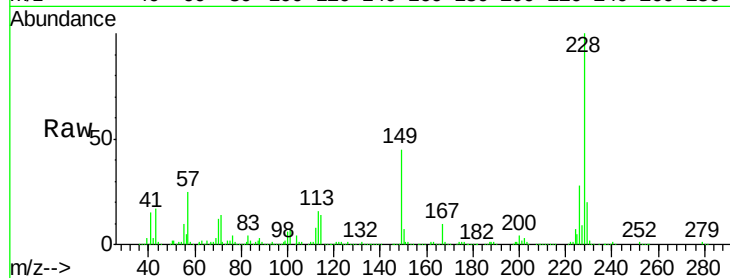
Tot Ion:228 Resp: 889393

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

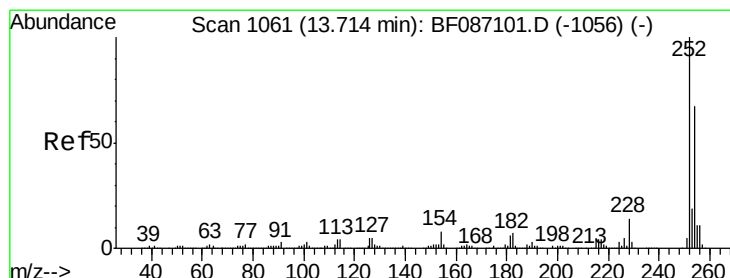
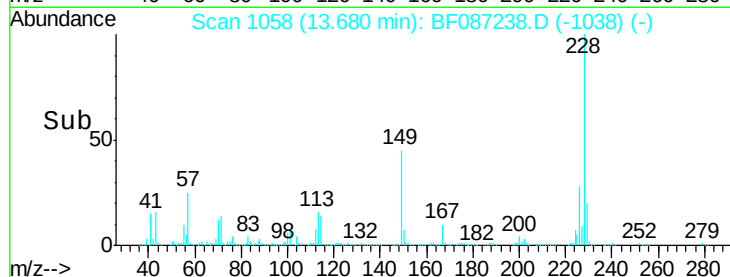
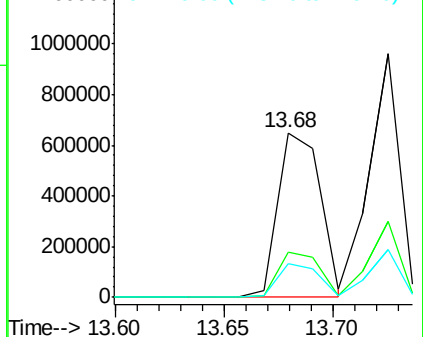
229 20.1 16.6 25.0



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: 14.26 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.07 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

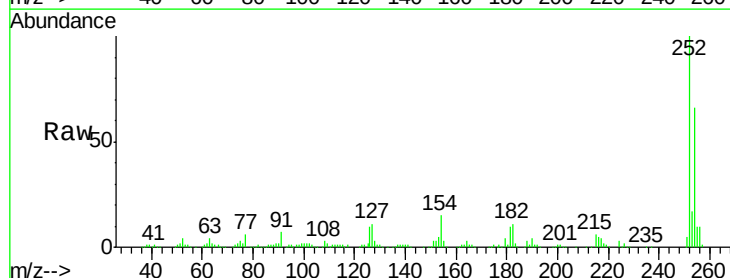
Tgt Ion:252 Resp: 189363

Ion Ratio Lower Upper

252 100

254 65.6 50.7 76.1

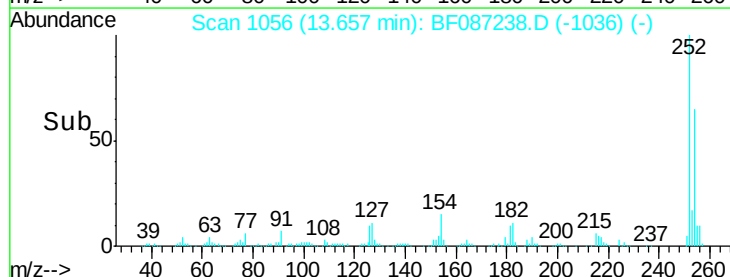
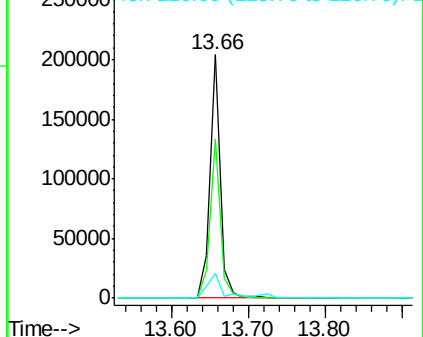
126 10.4 12.7 19.1#

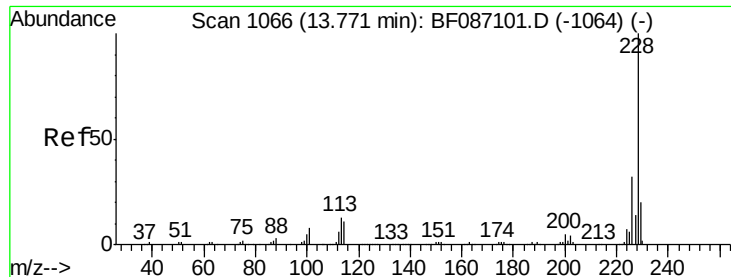


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 46.89 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

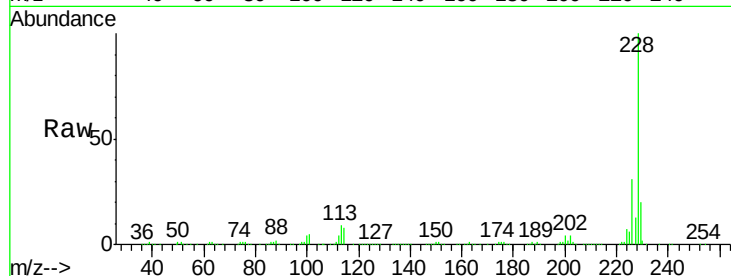
Tot Ion:228 Resp: 946834

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

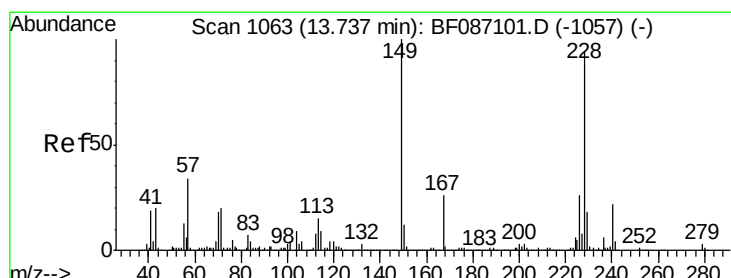
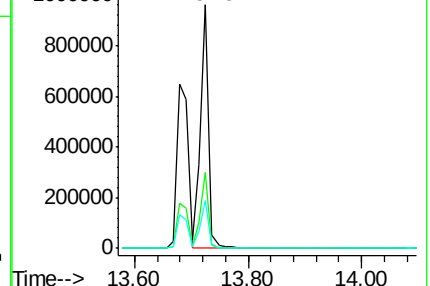
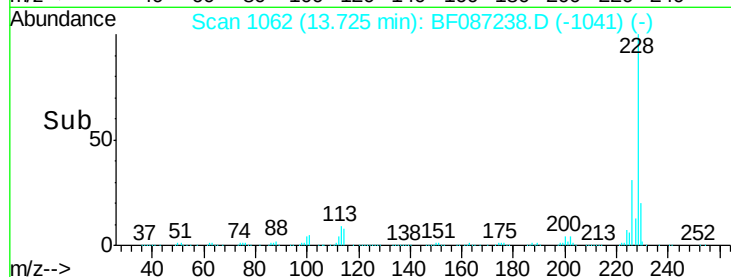
229 19.7 15.8 23.8



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: 52.64 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

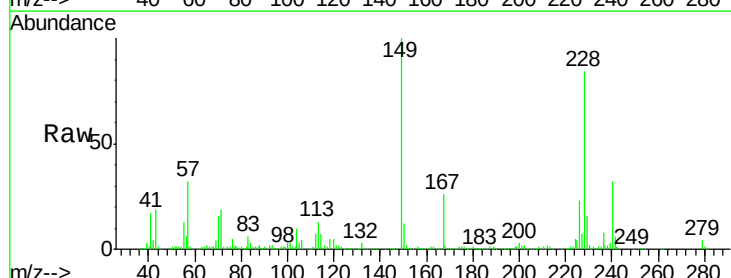
Tgt Ion:149 Resp: 705209

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

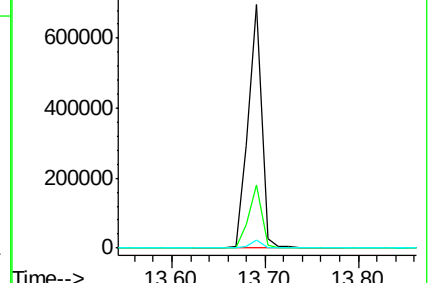
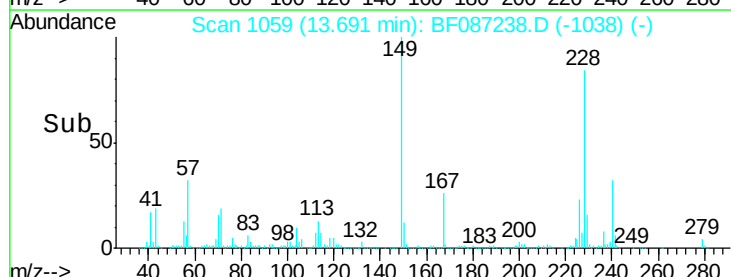
279 3.6 2.6 4.0

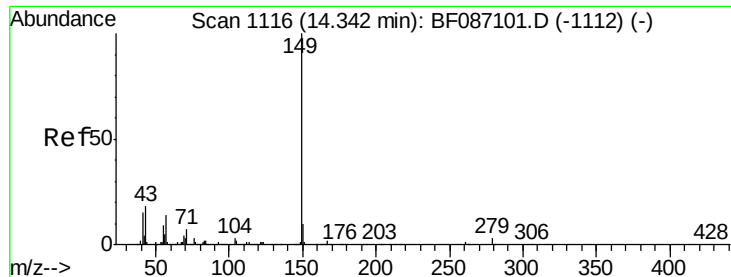


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.17 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

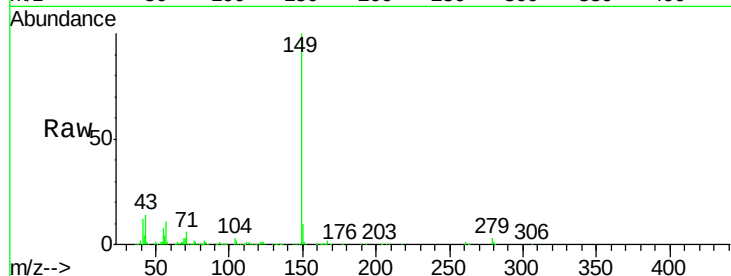
Tot Ion:149 Resp: 1204021

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

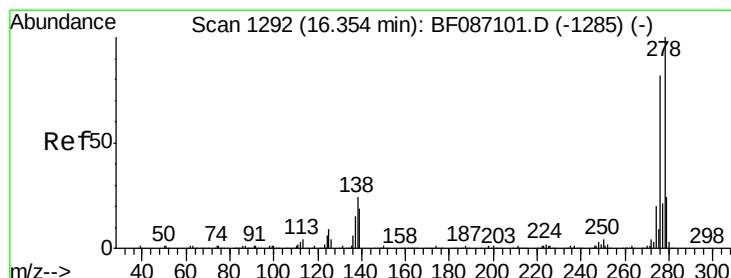
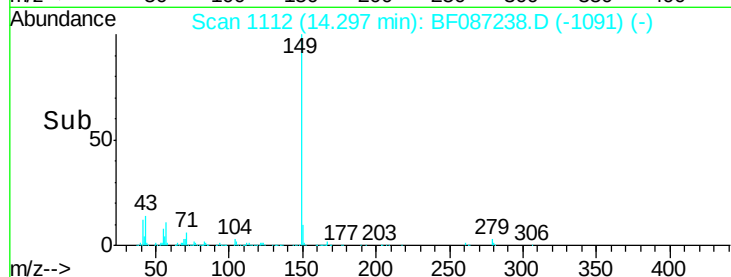
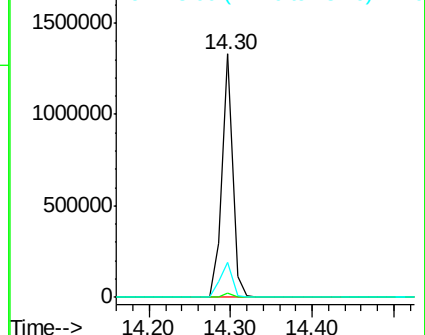
43 16.3 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.19 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

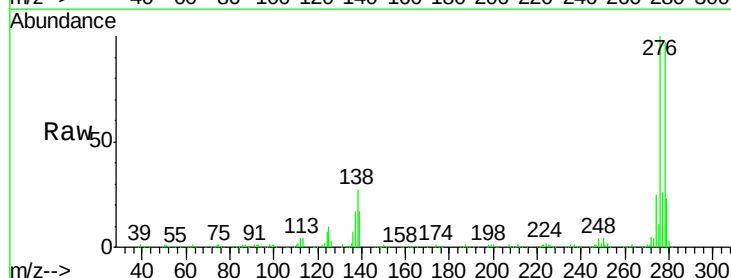
Tgt Ion:276 Resp: 676912

Ion Ratio Lower Upper

276 100

138 27.8 25.6 38.4

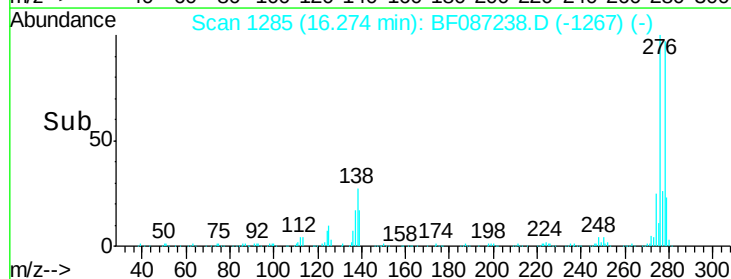
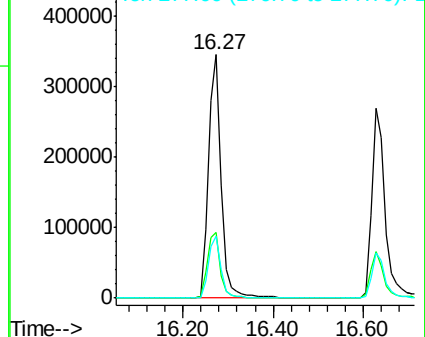
277 25.2 20.5 30.7

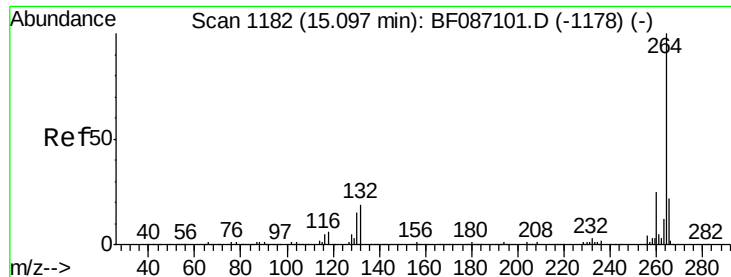


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



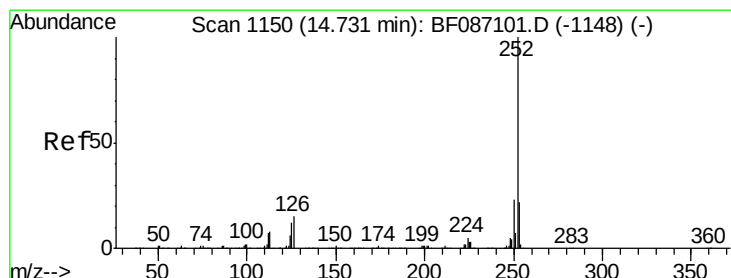
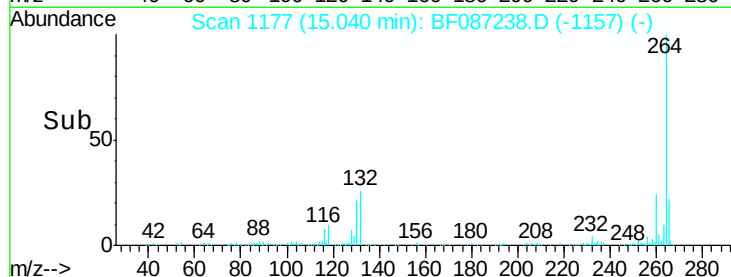
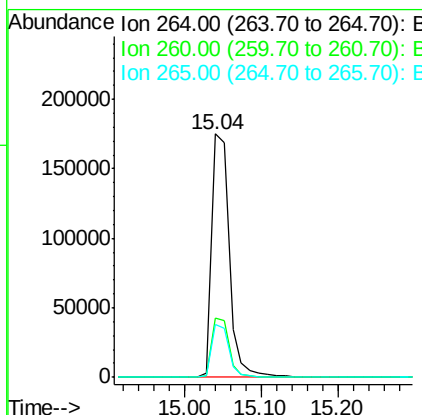
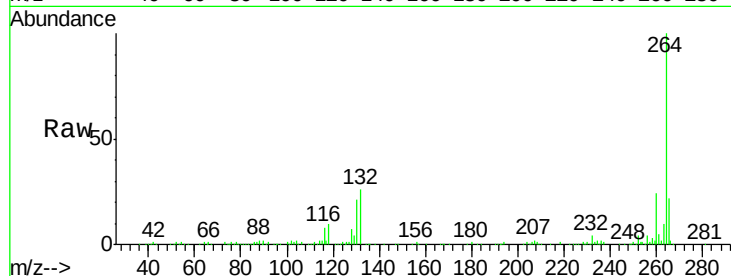


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Instrument :
BNA_F
ClientSampleId :
PB90666BSD

Tot Ion:264 Resp: 278466

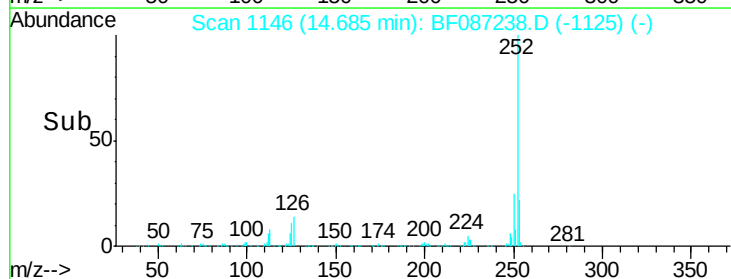
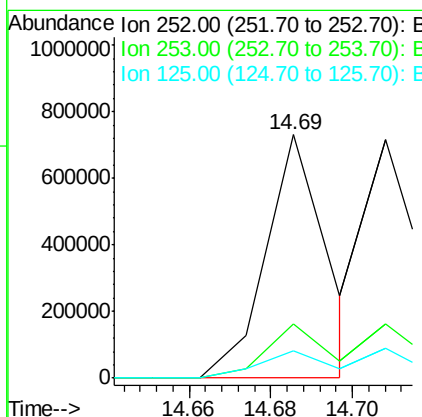
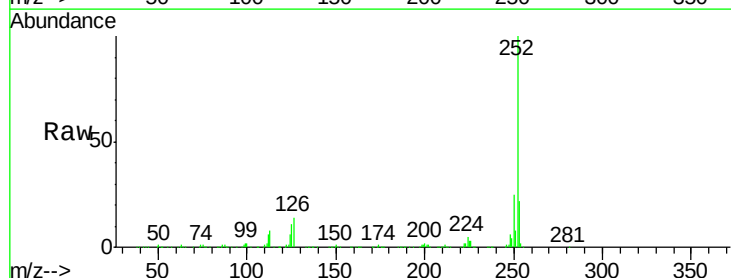
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9

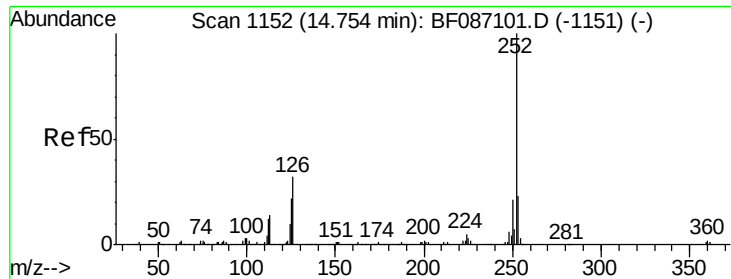


#87
Benzo(b)fluoranthene
Concen: 41.03 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion:252 Resp: 757969

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.1	11.4	17.0#

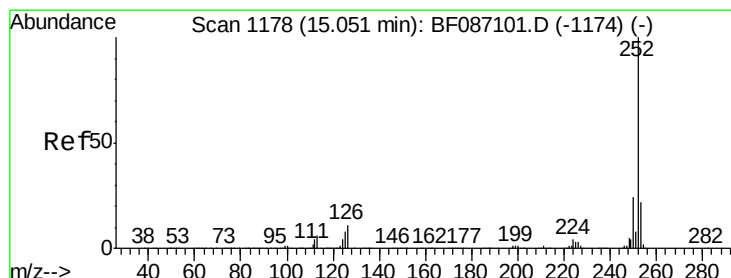
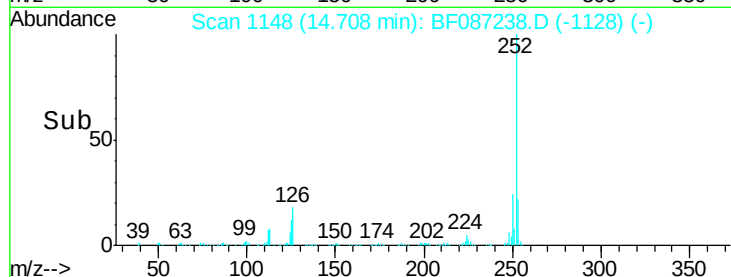
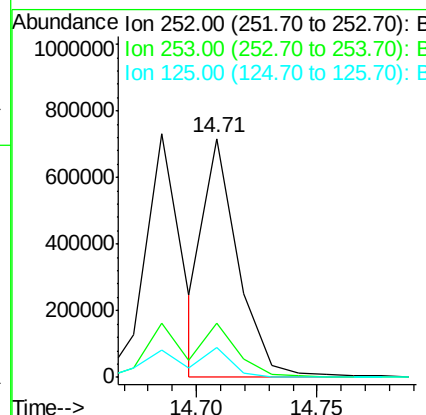
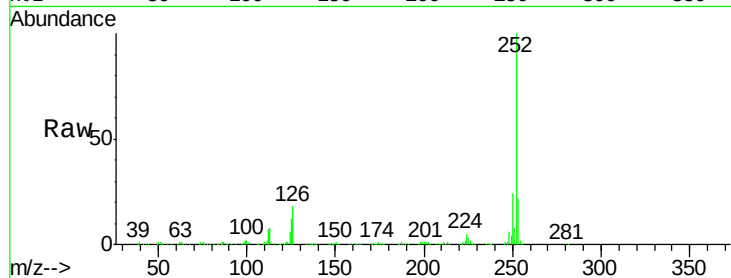




#88
Benzo(k)fluoranthene
Concen: 51.35 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

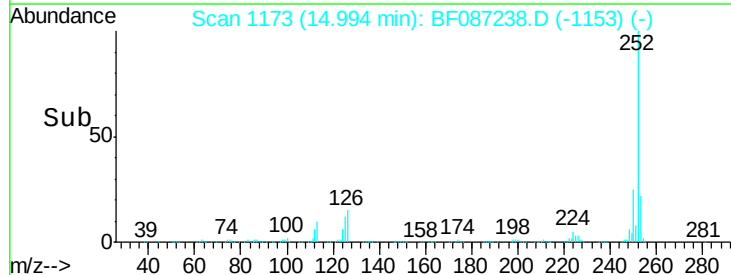
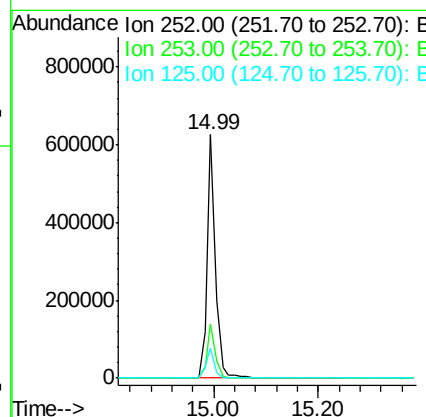
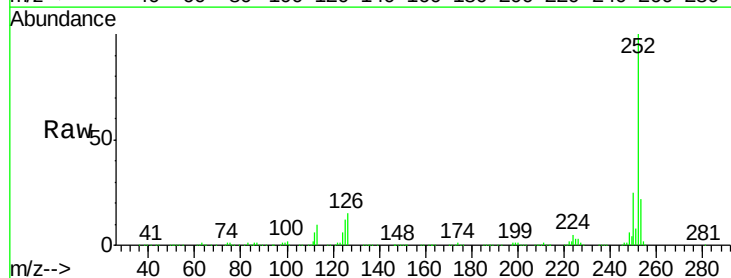
Instrument :
BNA_F
ClientSampleId :
PB90666BSD

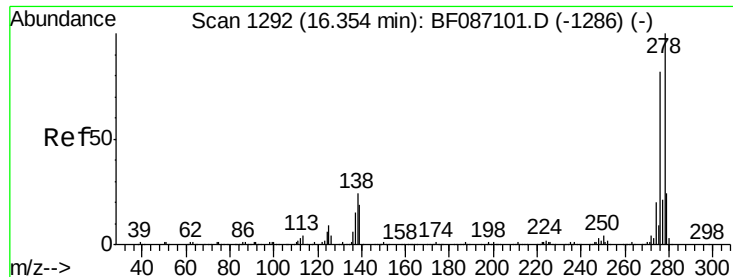
Tot Ion:252 Resp: 706294
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.4 9.1 13.7



#89
Benzo(a)pyrene
Concen: 44.61 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087238.D
Acq: 20 May 2016 21:54

Tgt Ion:252 Resp: 688936
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.1 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 43.86 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.10 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

Instrument :

BNA_F

ClientSampleId :

PB90666BSD

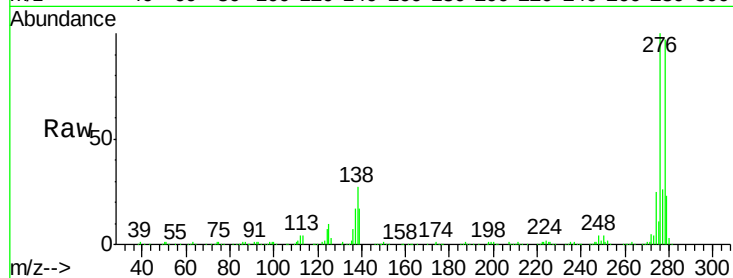
Tot Ion:278 Resp: 570206

Ion Ratio Lower Upper

278 100

139 17.3 16.6 24.8

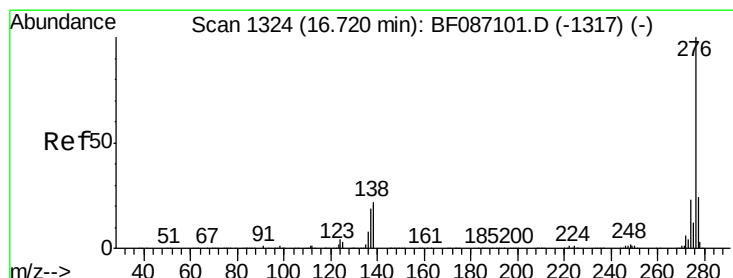
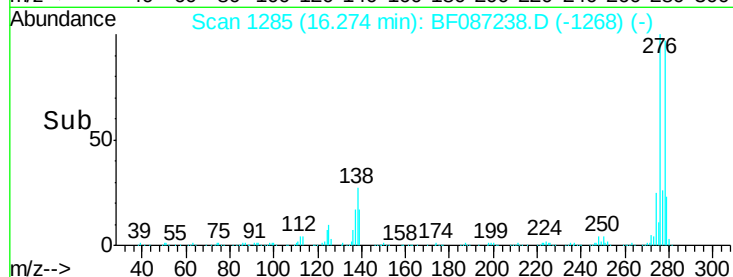
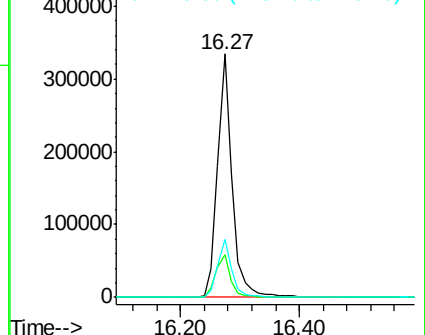
279 24.0 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 42.60 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF087238.D

Acq: 20 May 2016 21:54

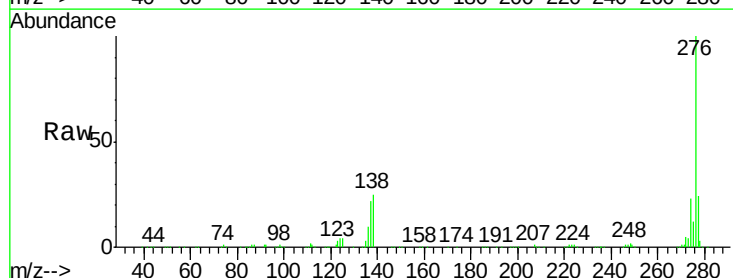
Tgt Ion:276 Resp: 559336

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 24.6 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

