

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087237.D
 Acq On : 20 May 2016 21:25
 Operator : UM/SJ
 Sample : PB90666BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

Quant Time: May 21 00:39:18 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	125275	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	532746	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	263102	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	517904	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	355289	20.00	ng	-0.06
86) Perylene-d12	15.04	264	295879	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	643415	86.33	ng	-0.04
7) Phenol-d6	6.23	99	791493	79.18	ng	-0.06
23) Nitrobenzene-d5	7.13	82	843912	78.95	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	222056	76.38	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1316640	82.88	ng	-0.06
78) Terphenyl-d14	12.65	244	1324405	84.32	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	117130	30.55	ng	# 67
3) Pyridine	2.66	79	342859	36.97	ng	# 61
4) n-Nitrosodimethylamine	2.64	42	257170	39.13	ng	# 51
6) Aniline	6.23	93	240154	18.91	ng	# 66
8) 2-Chlorophenol	6.34	128	365062	40.26	ng	83
10) Phenol	6.24	94	502790	40.01	ng	73
11) bis(2-Chloroethyl)ether	6.31	93	370026	39.22	ng	96
12) 1,3-Dichlorobenzene	6.49	146	364260m	37.79	ng	
13) 1,4-Dichlorobenzene	6.57	146	375839m	38.11	ng	
14) 1,2-Dichlorobenzene	6.73	146	326323	37.79	ng	97
15) Benzyl Alcohol	6.73	79	330408	44.40	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	713879	36.80	ng	57
17) 2-Methylphenol	6.86	107	293799	39.45	ng	# 81
18) Hexachloroethane	7.06	117	145759	38.66	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	308107	40.55	ng	# 72
20) 3+4-Methylphenols	7.02	107	415206	42.27	ng	# 59
22) Acetophenone	6.98	105	511262	39.21	ng	# 99
24) Nitrobenzene	7.15	77	420076	35.99	ng	97
25) Isophorone	7.39	82	758693	38.77	ng	98
26) 2-Nitrophenol	7.47	139	198497	41.05	ng	# 81
27) 2,4-Dimethylphenol	7.53	122	334683	40.56	ng	87
28) bis(2-Chloroethoxy)methane	7.61	93	432691	40.28	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	326105	44.85	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	321270	39.82	ng	98
31) Naphthalene	7.86	128	1003154	38.54	ng	99
32) Benzoic acid	7.70	122	178159	36.23	ng	# 80
33) 4-Chloroaniline	7.94	127	138549	12.81	ng	97
34) Hexachlorobutadiene	7.99	225	190326	41.57	ng	99
35) Caprolactam	8.32	113	102024m	42.14	ng	
36) 4-Chloro-3-methylphenol	8.44	107	368067	41.97	ng	90
37) 2-Methylnaphthalene	8.56	142	707438	42.49	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	296380	38.57	ng	99
40) Hexachlorocyclopentadiene	8.71	237	221692	75.23	ng	95
42) 2,4,6-Trichlorophenol	8.86	196	196985	39.53	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	217259	41.97	nq	# 88
45) 1,1'-Biphenyl	9.03	154	904618	41.47	nq	99
46) 2-Chloronaphthalene	9.04	162	655525	39.14	nq	# 92
47) 2-Nitroaniline	9.16	65	253309	39.47	nq	93
48) Acenaphthylene	9.45	152	976251	38.17	nq	98
49) Dimethylphthalate	9.34	163	799887	39.85	nq	99
50) 2,6-Dinitrotoluene	9.40	165	193347	44.37	nq	98
51) Acenaphthene	9.62	154	600760	37.60	nq	98
52) 3-Nitroaniline	9.58	138	95351	20.21	nq	94
53) 2,4-Dinitrophenol	9.69	184	173187	69.99	nq	# 85
54) Dibenzofuran	9.79	168	885146	42.84	nq	# 87
55) 4-Nitrophenol	9.77	139	168241m	59.03	nq	
56) 2,4-Dinitrotoluene	9.82	165	232264	41.61	nq	# 65
57) Fluorene	10.14	166	652345	39.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	194250	48.18	nq	96
59) Diethylphthalate	10.03	149	821433	42.87	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	352410	44.79	nq	91
61) 4-Nitroaniline	10.19	138	182339	39.14	nq	# 72
62) Azobenzene	10.30	77	1023700	46.37	nq	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	127491	37.38	nq	# 19
65) n-Nitrosodiphenylamine	10.26	169	667514	40.96	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	206137	38.71	nq	90
67) Hexachlorobenzene	10.68	284	228176	36.95	nq	# 80
68) Atrazine	10.80	200	211746	39.83	nq	95
69) Pentachlorophenol	10.89	266	171271	73.84	nq	97
70) Phenanthrene	11.10	178	1139975	40.58	nq	100
71) Anthracene	11.14	178	1038499	36.55	nq	100
72) Carbazole	11.31	167	1062977	40.96	nq	99
73) Di-n-butylphthalate	11.65	149	1322639	44.37	nq	# 99
74) Fluoranthene	12.27	202	1098962	39.05	nq	96
76) Benzidine	12.41	184	218722	18.83	nq	96
77) Pyrene	12.50	202	1166772	45.46	nq	100
79) Butylbenzylphthalate	13.13	149	549158	50.68	nq	91
80) Benzo(a)anthracene	13.69	228	863033	42.01	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	179677	13.75	nq	# 96
82) Chrysene	13.73	228	915975	46.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	690100	52.33	nq	98
84) Di-n-octyl phthalate	14.30	149	1152330	50.73	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	658523	37.75	nq	96
87) Benzo(b)fluoranthene	14.69	252	748770m	38.15	nq	
88) Benzo(k)fluoranthene	14.71	252	681350m	46.63	nq	
89) Benzo(a)pyrene	14.99	252	677448	41.29	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	555673	40.23	nq	97
91) Benzo(g,h,i)perylene	16.63	276	549424	39.38	nq	95

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

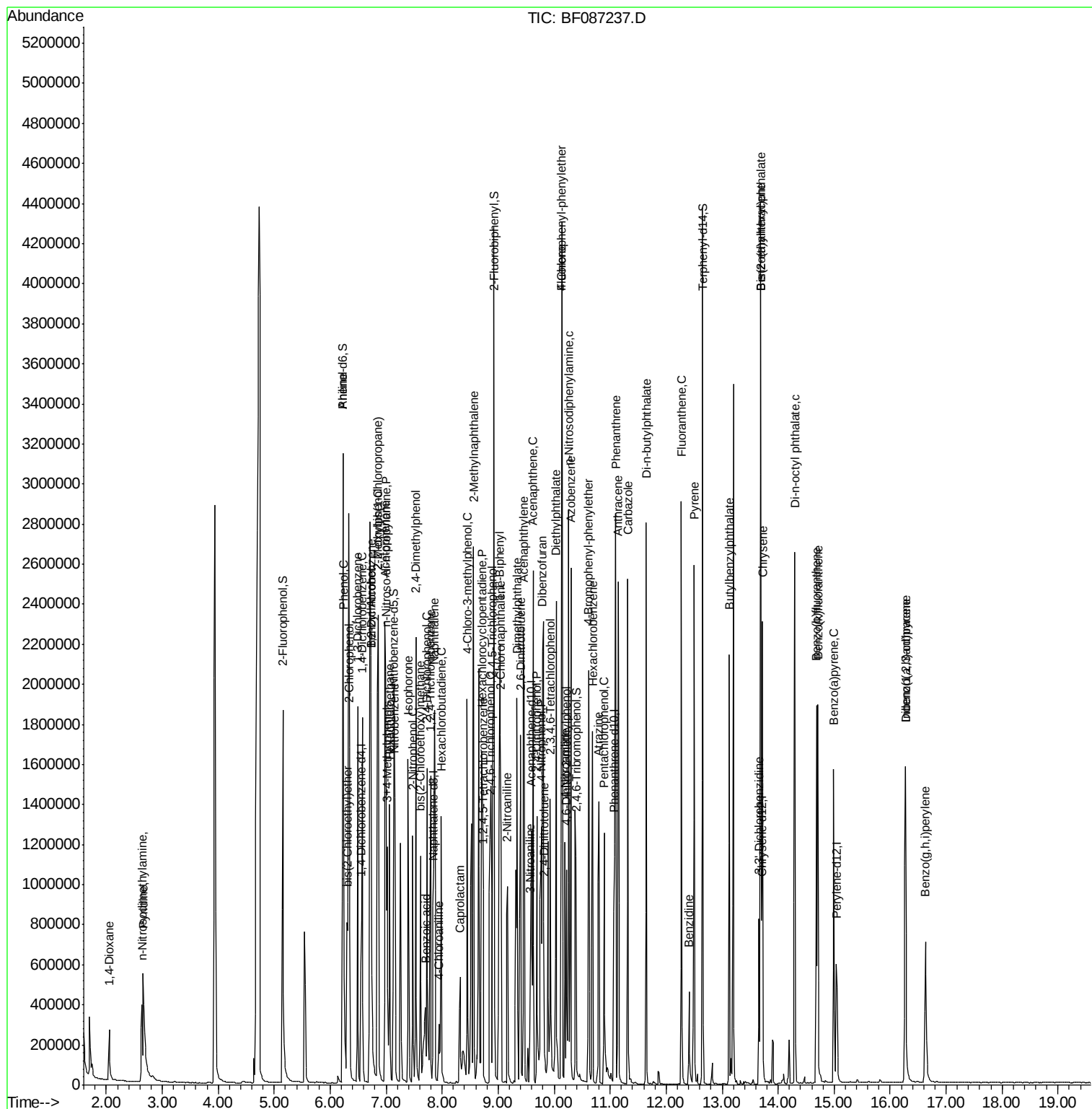
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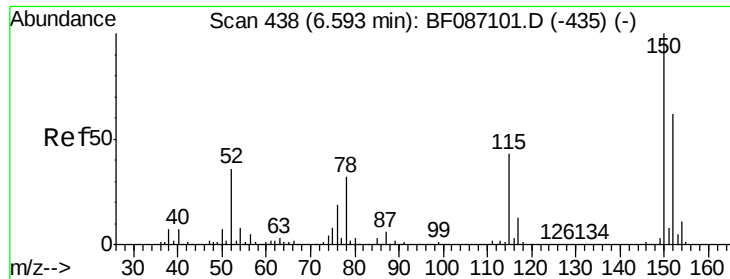
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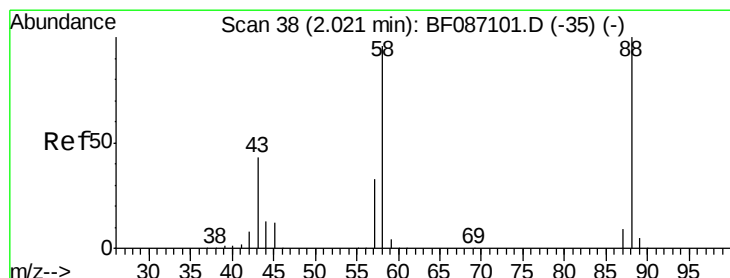
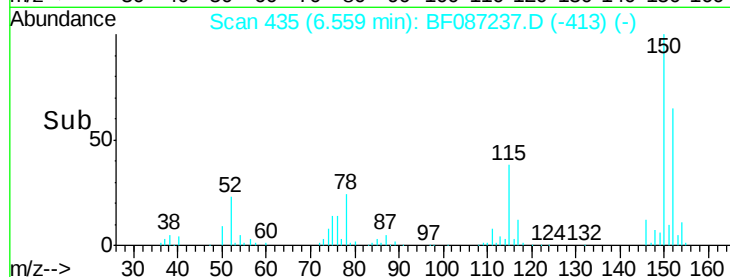
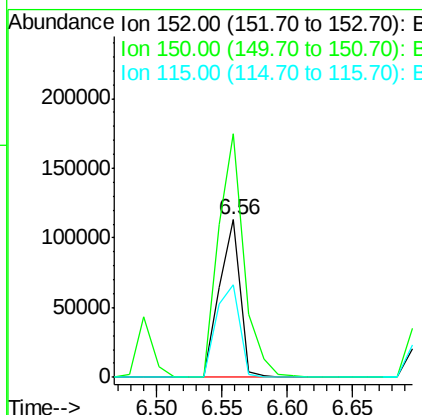
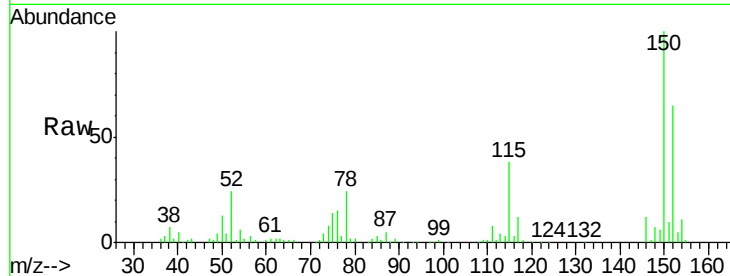


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Instrument :
BNA_F
ClientSampleId :
PB90666BS

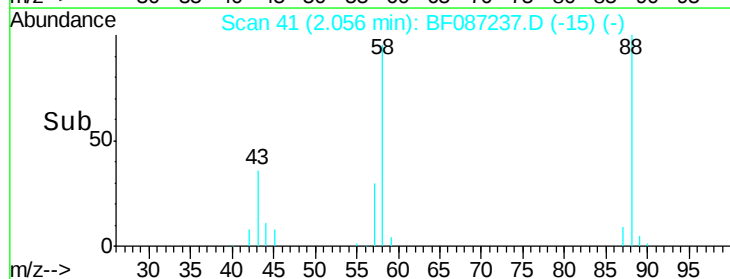
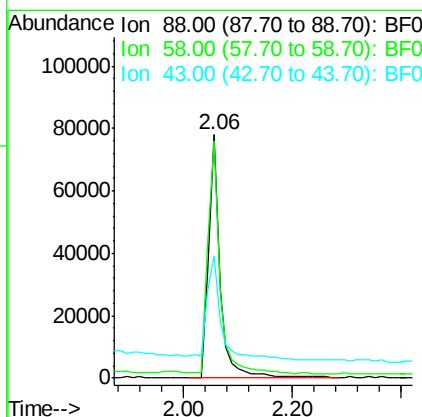
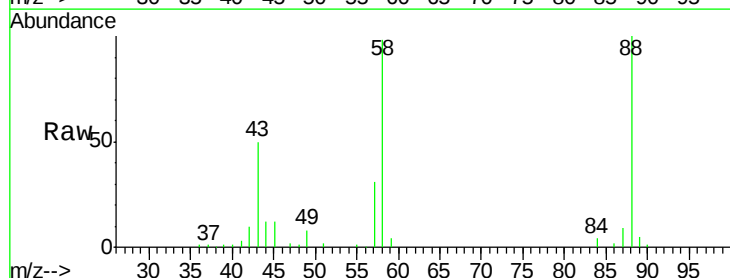
Tot Ion:152 Resp: 125275
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 58.5 51.5 77.3

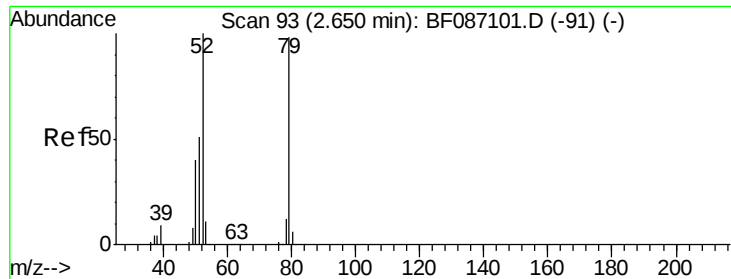


#2

1,4-Dioxane
Concen: 30.55 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion: 88 Resp: 117130
Ion Ratio Lower Upper
88 100
58 97.2 59.6 89.4#
43 53.3 21.8 32.6#





#3

Pvridine

Concen: 36.97 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

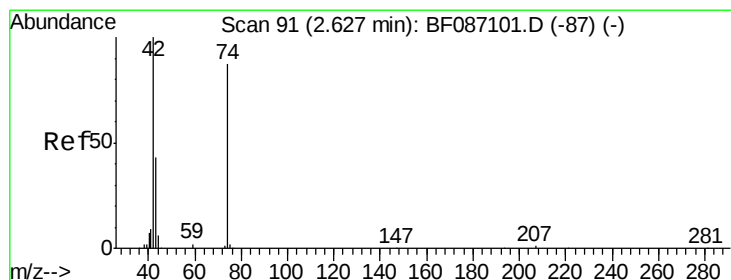
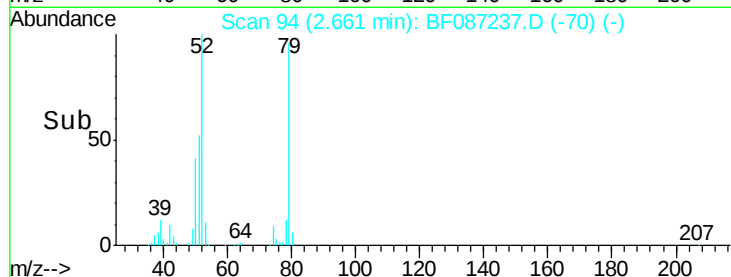
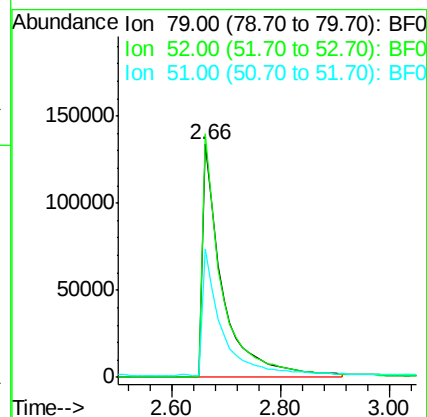
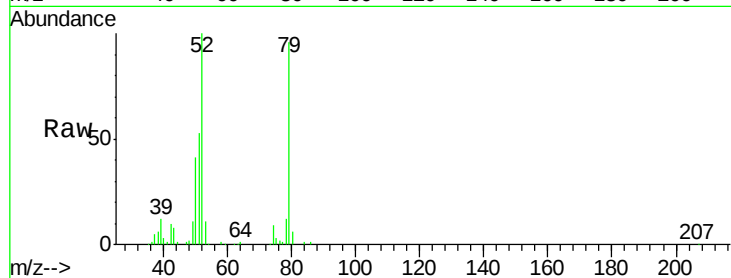
Tot Ion: 79 Resp: 342859

Ion Ratio Lower Upper

79 100

52 104.4 55.9 83.9#

51 54.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.13 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.02 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

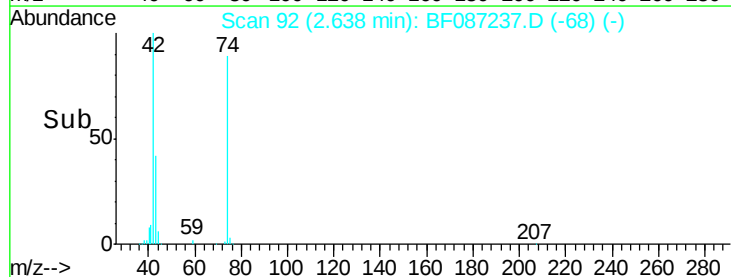
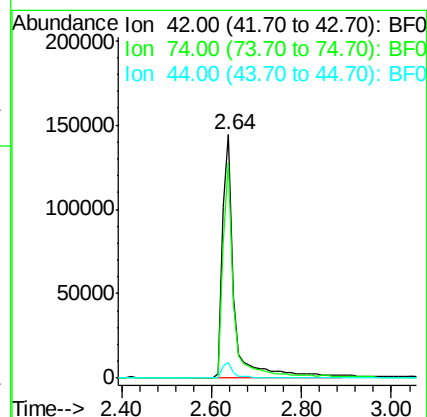
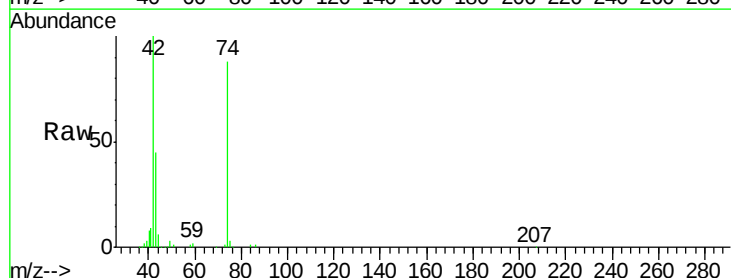
Tgt Ion: 42 Resp: 257170

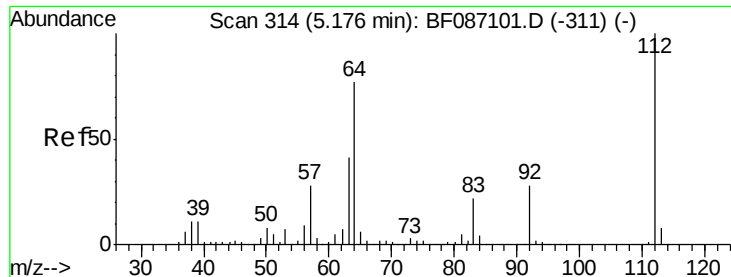
Ion Ratio Lower Upper

42 100

74 88.3 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 86.33 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.04 min

Lab File: BF087237.D

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Instrument :

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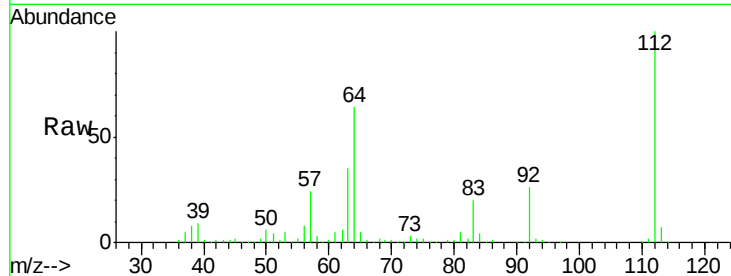
Tot Ion: 112 Resp: 643415

Ion Ratio Lower Upper

112 100

64 64.1 52.1 78.1

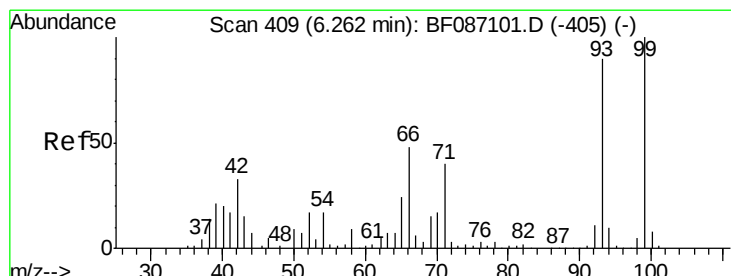
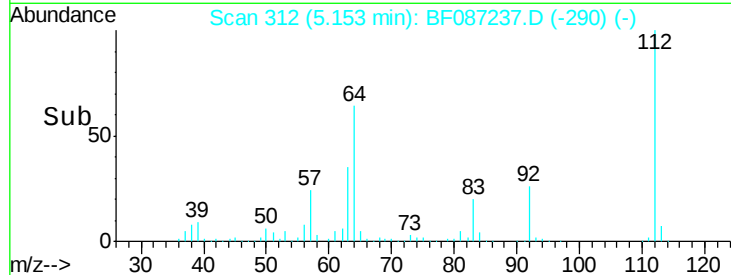
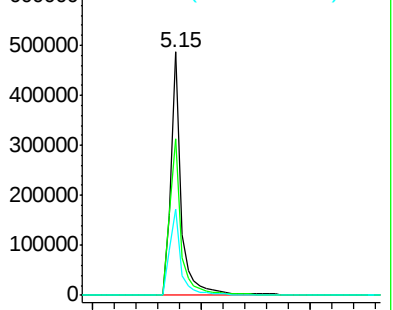
63 35.3 25.7 38.5



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: 18.91 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

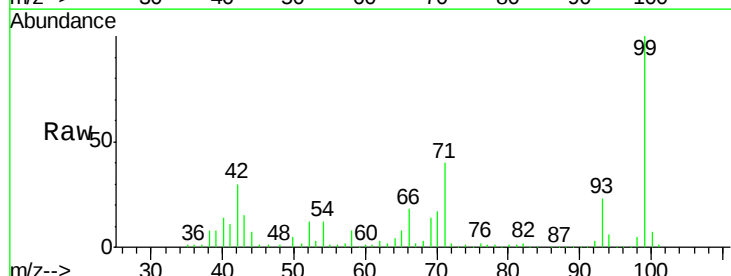
Tgt Ion: 93 Resp: 240154

Ion Ratio Lower Upper

93 100

66 78.4 39.0 58.6#

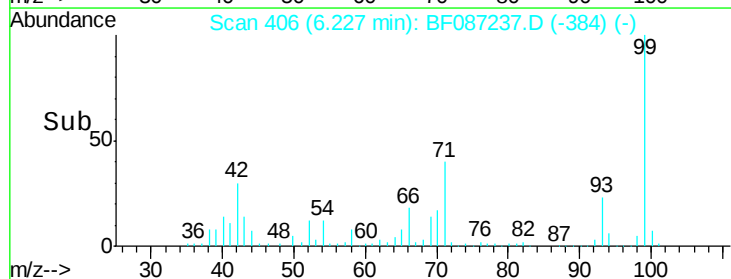
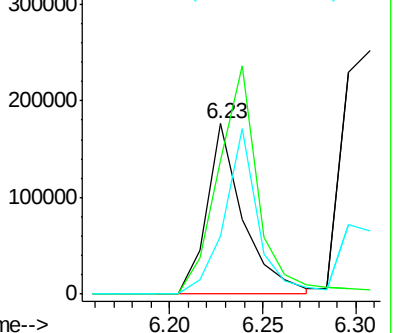
65 34.5 20.6 31.0#

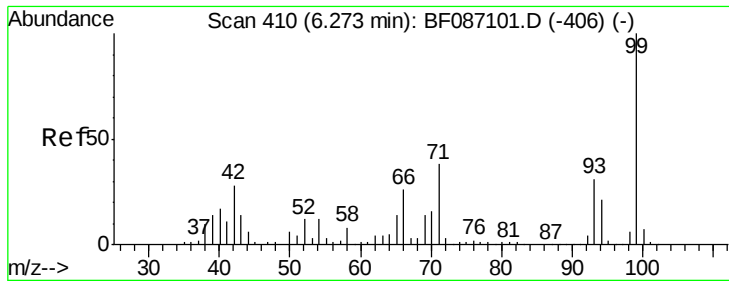


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.18 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087237.D

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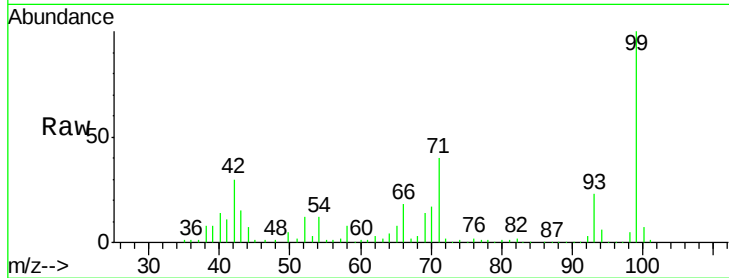
Tot Ion: 99 Resp: 791493

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

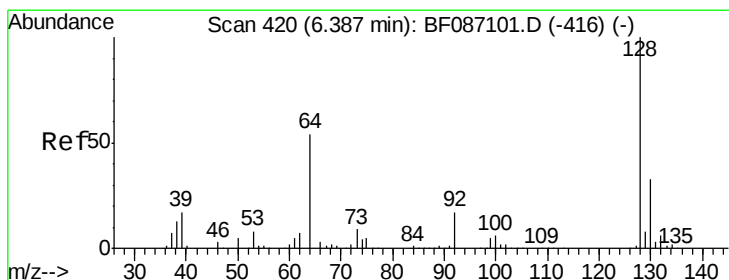
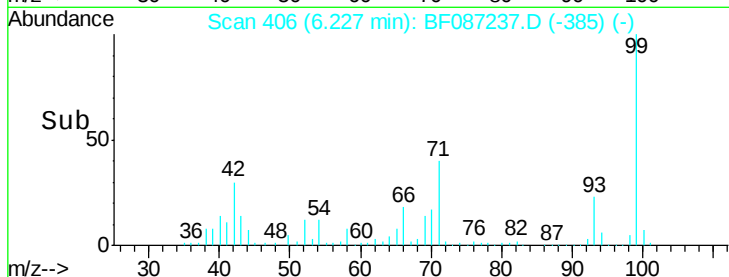
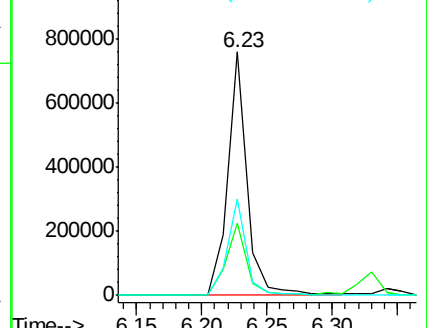
71 39.5 24.6 36.8#



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: 40.26 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

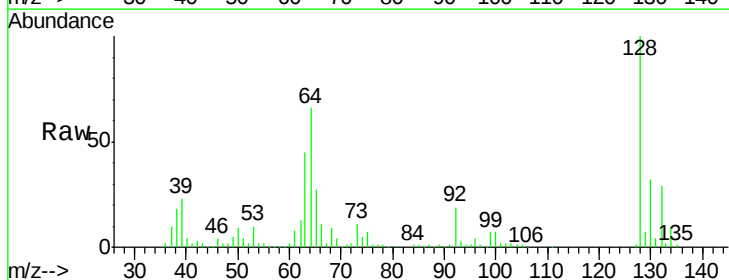
Tgt Ion: 128 Resp: 365062

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

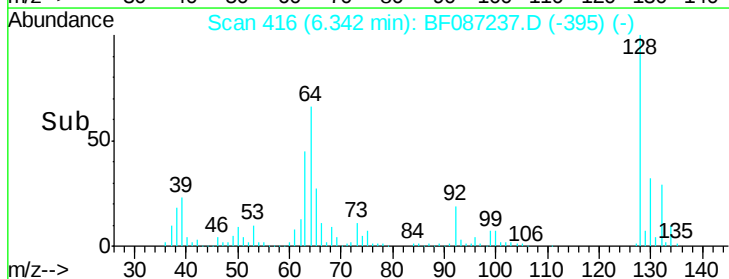
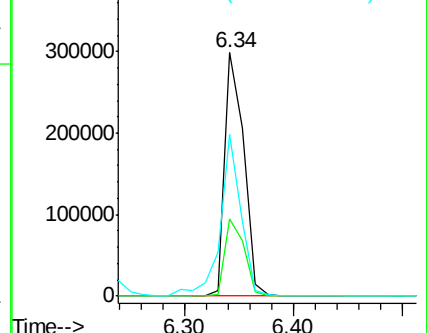
64 66.3 27.3 67.3

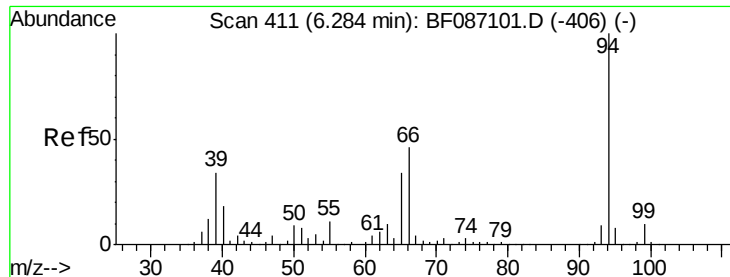


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 40.01 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

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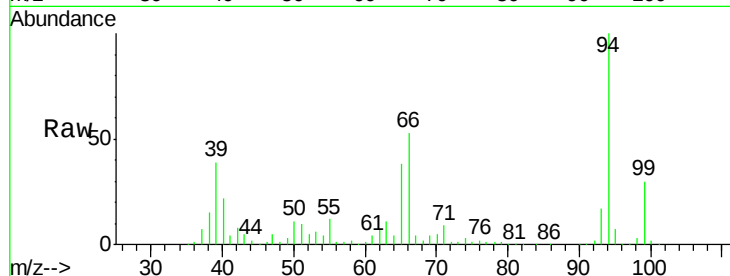
Tot Ion: 94 Resp: 502790

Ion Ratio Lower Upper

94 100

65 38.2 7.2 47.2

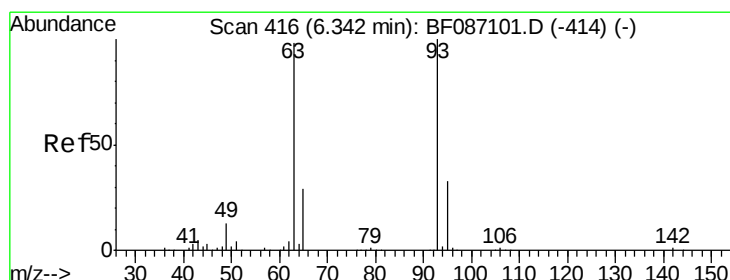
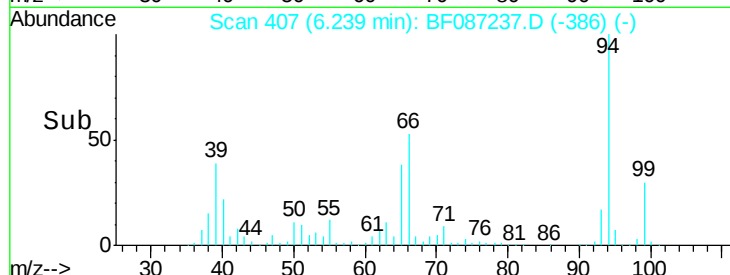
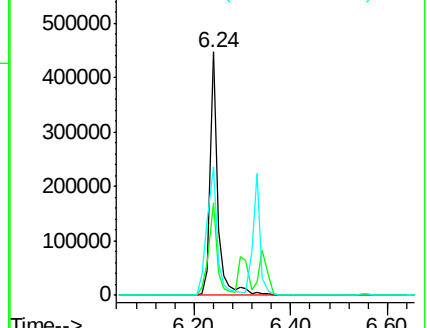
66 52.8 14.9 54.9



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: 39.22 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087237.D

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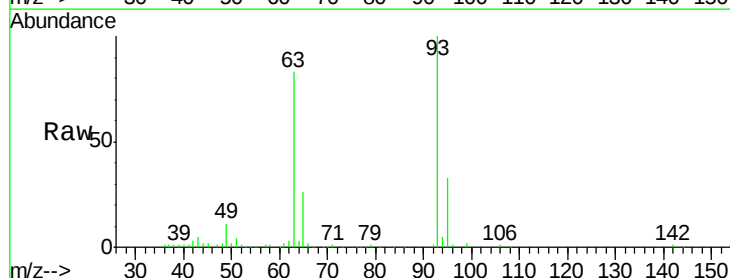
Tgt Ion: 93 Resp: 370026

Ion Ratio Lower Upper

93 100

63 82.6 58.0 98.0

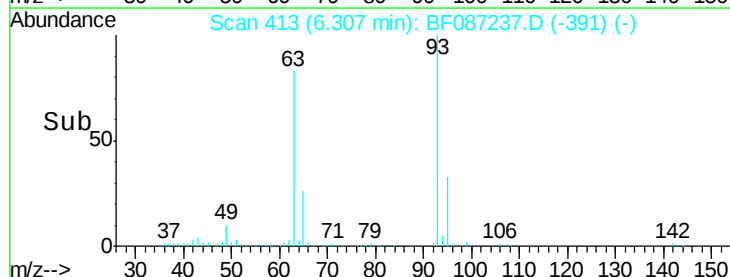
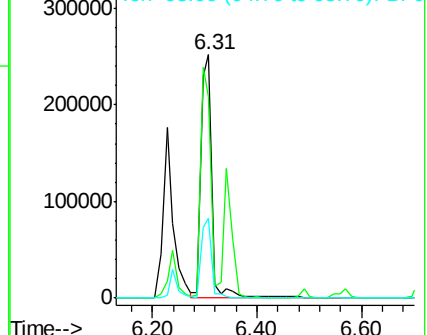
95 33.0 11.9 51.9

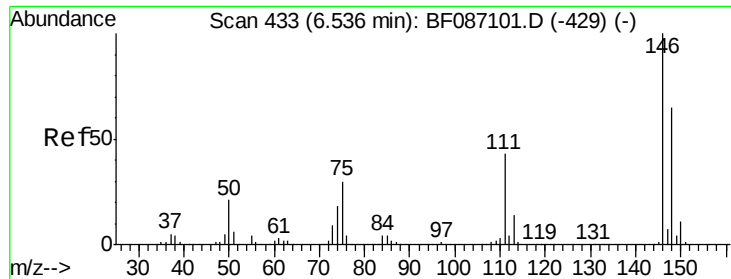


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 37.79 ng m

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

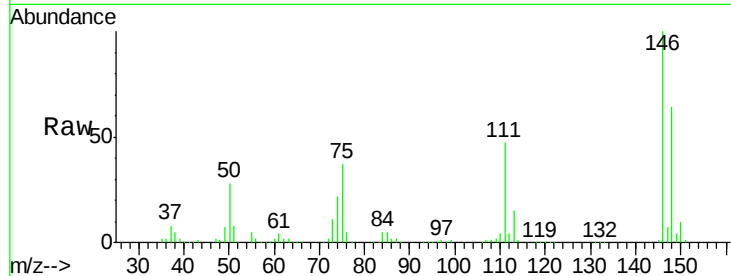
Tot Ion:146 Resp: 364260

Ion Ratio Lower Upper

146 100

148 63.8 52.4 78.6

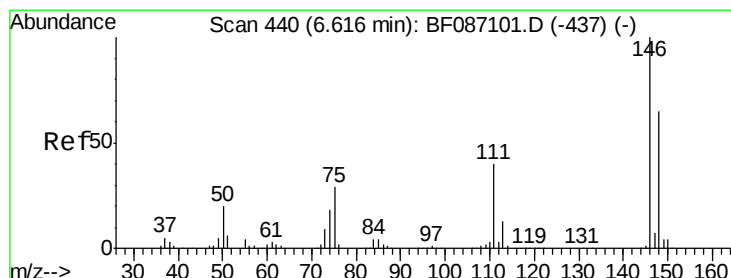
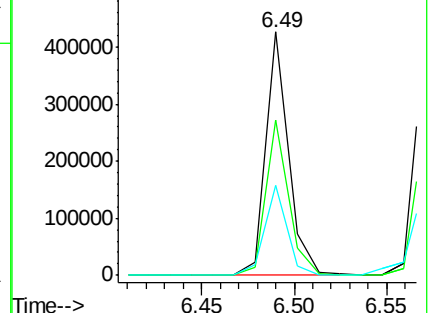
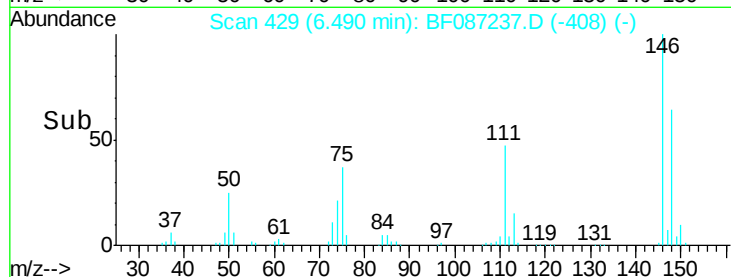
75 37.0 22.8 34.2#



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: 38.11 ng m

RT: 6.57 min Scan# 436

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

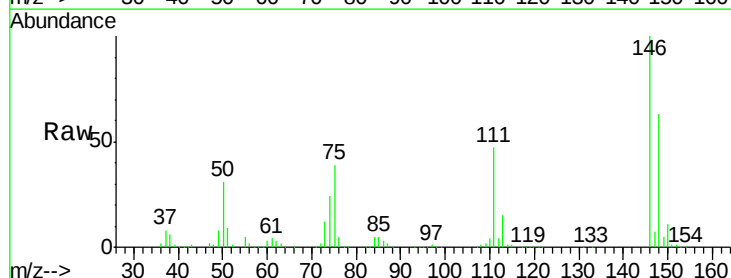
Tgt Ion:146 Resp: 375839

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

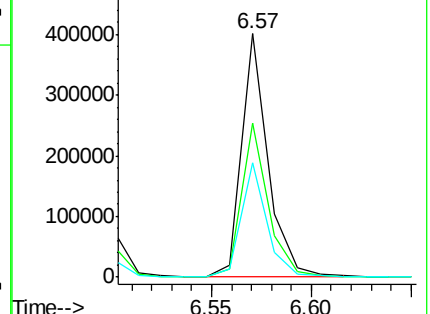
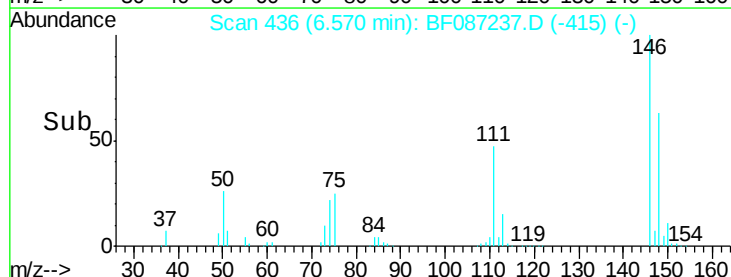
111 46.8 30.7 46.1#

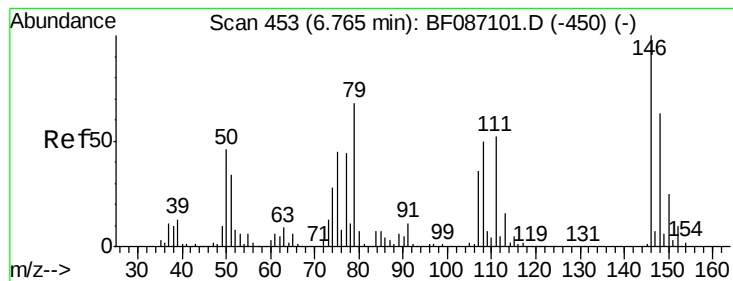


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.79 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampled :

PB90666BS

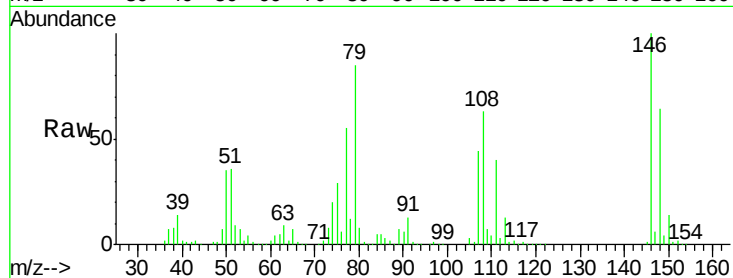
Tot Ion:146 Resp: 326323

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

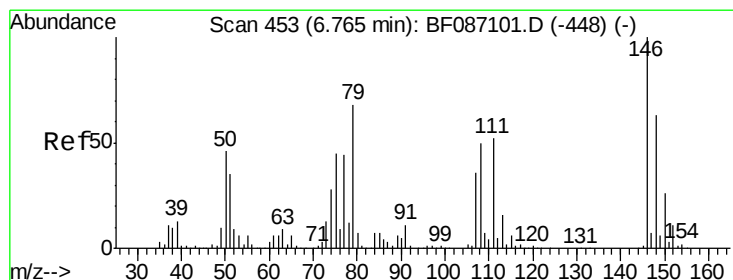
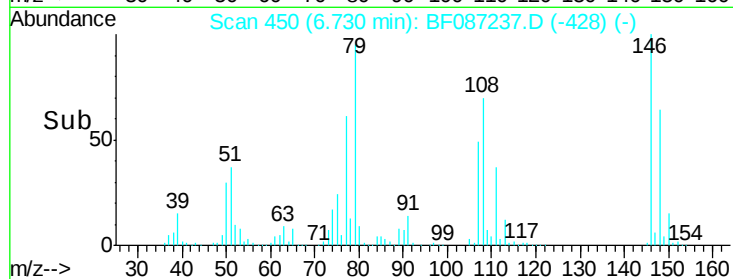
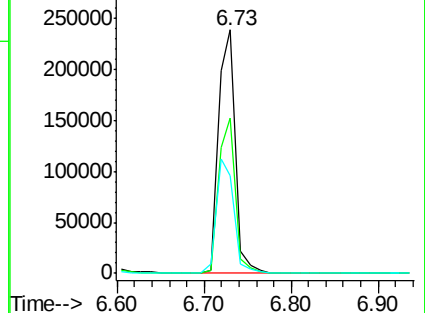
111 40.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 44.40 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

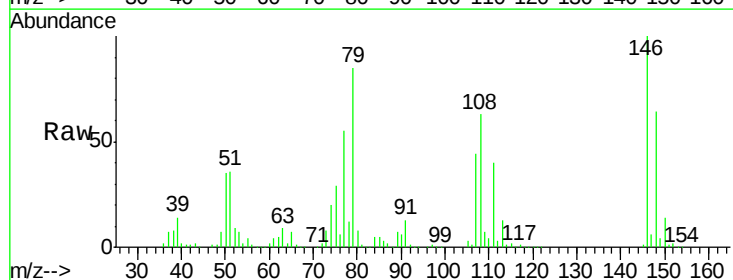
Tgt Ion: 79 Resp: 330408

Ion Ratio Lower Upper

79 100

108 73.7 68.4 102.6

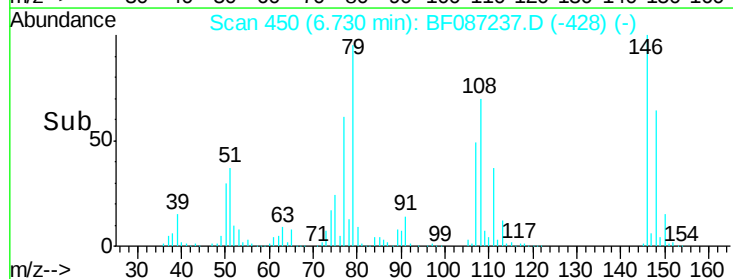
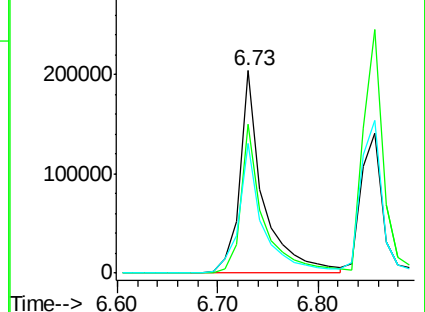
77 64.1 50.6 76.0

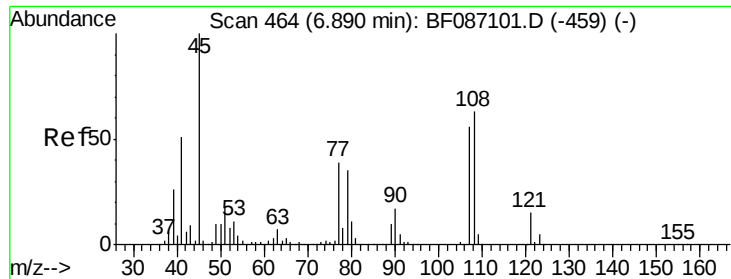


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

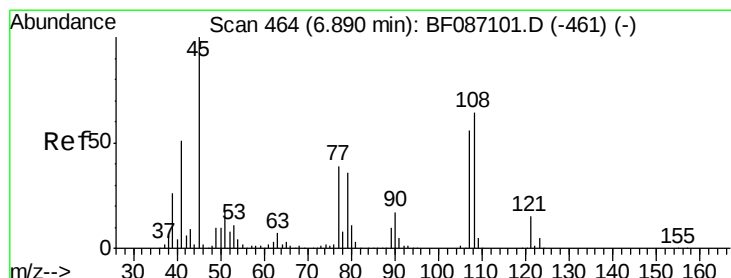
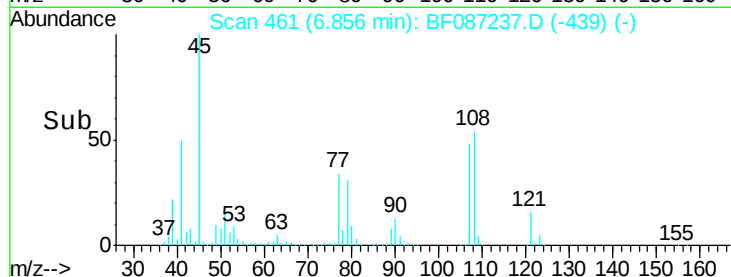
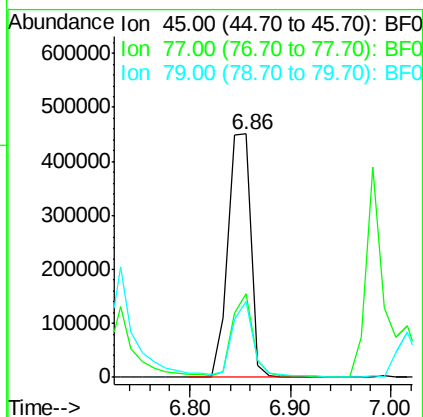
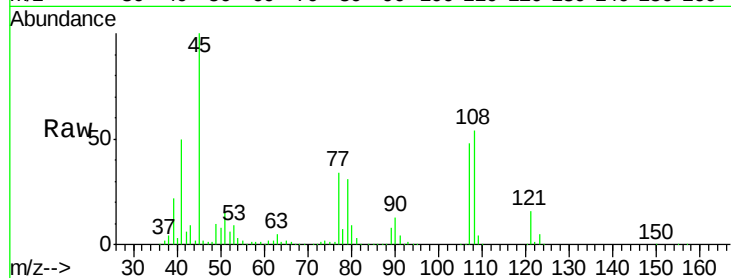




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.80 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

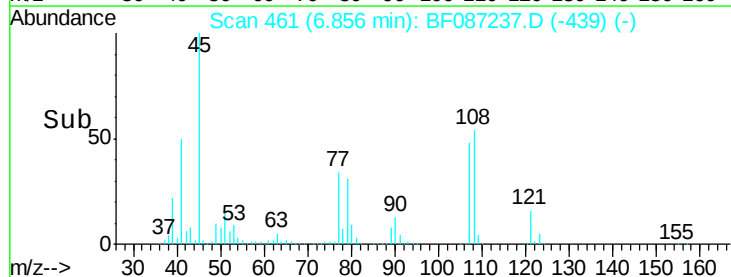
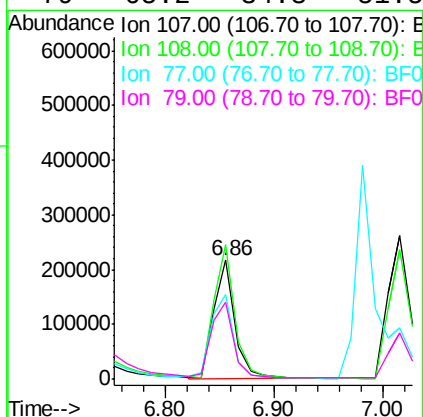
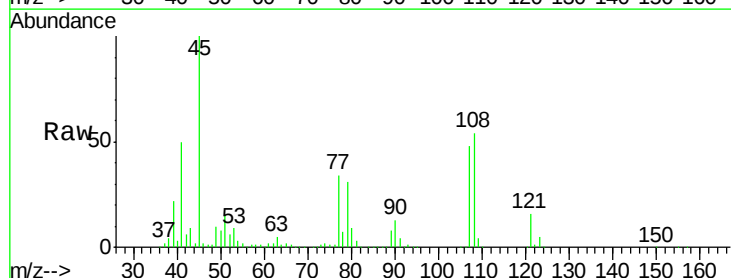
Instrument :
BNA_F
ClientSampled :
PB90666BS

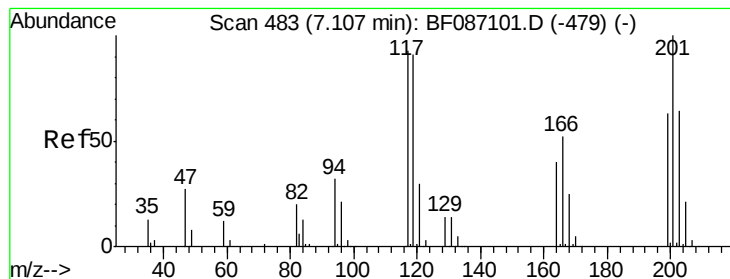
Tot Ion: 45 Resp: 713879
Ion Ratio Lower Upper
45 100
77 34.2 0.0 36.4
79 31.3 0.0 33.4



#17
2-Methylphenol
Concen: 39.45 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion: 107 Resp: 293799
Ion Ratio Lower Upper
107 100
108 113.0 93.7 140.5
77 71.1 33.4 50.0#
79 65.2 34.3 51.5#





#18

Hexachloroethane

Concen: 38.66 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

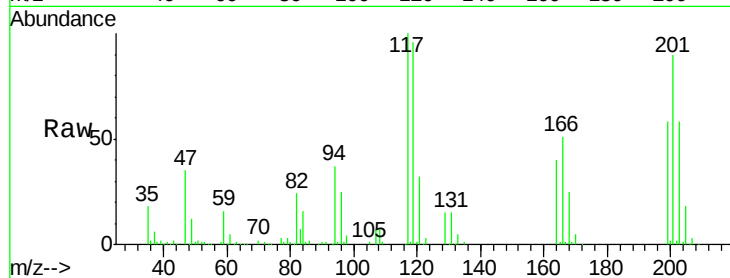
Tot Ion:117 Resp: 145759

Ion Ratio Lower Upper

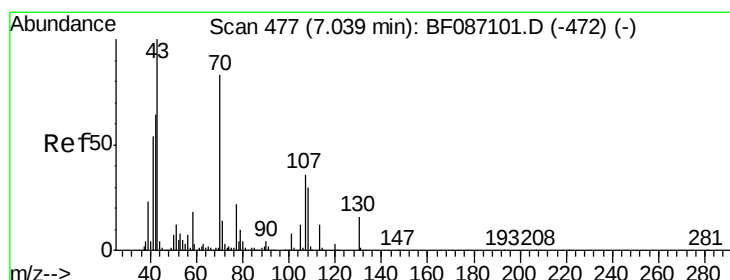
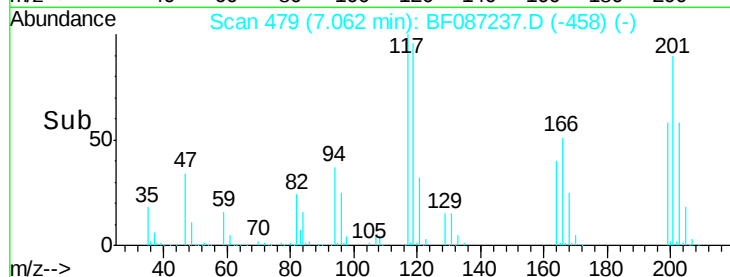
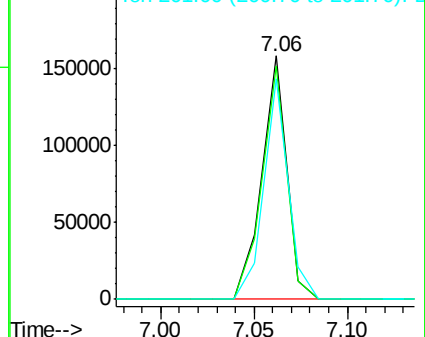
117 100

119 96.0 76.5 114.7

201 90.4 63.0 94.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 40.55 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Tgt Ion: 70 Resp: 308107

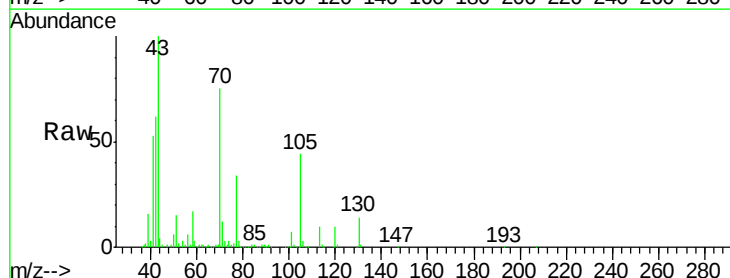
Ion Ratio Lower Upper

70 100

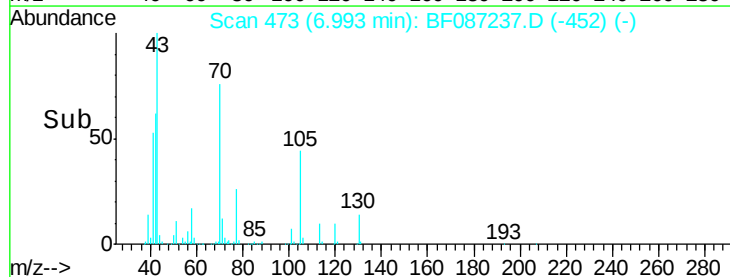
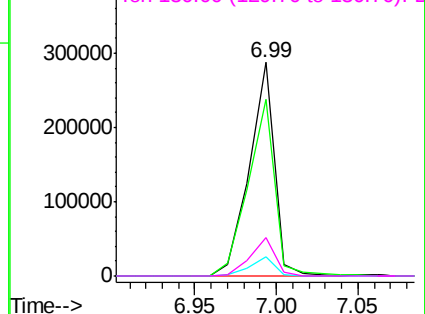
42 82.6 43.1 64.7#

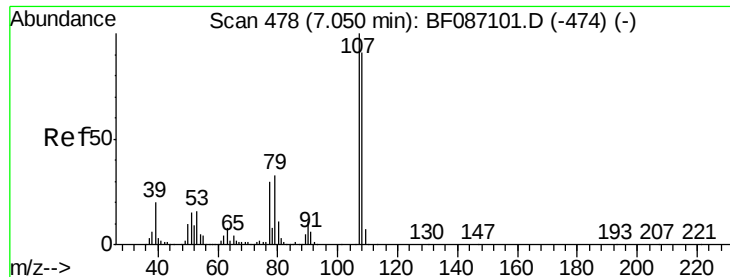
101 8.8 8.1 12.1

130 18.0 18.6 28.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.27 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

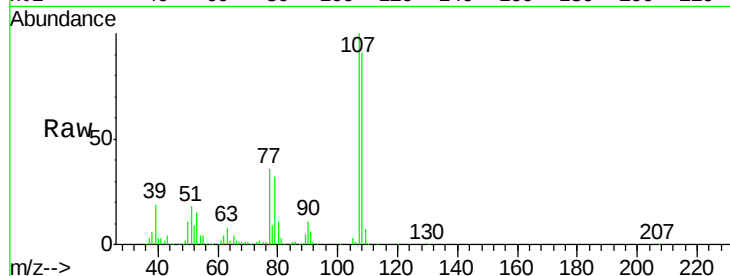
Instrument :

BNA_F

ClientSampleId :

PB90666BS

Tot Ion:107	Resp:	415206
Ion Ratio	Lower	Upper
107	100	
108	90.8	68.5 108.5
77	36.2	101.6 141.6#
79	32.5	7.4 47.4

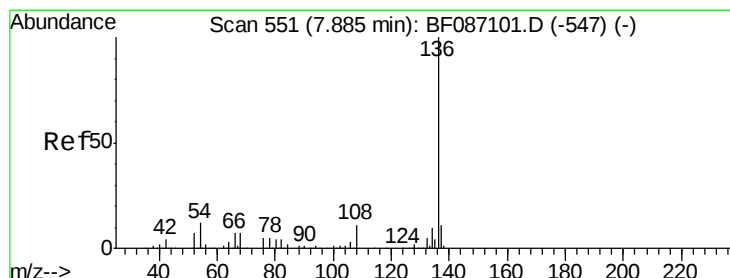
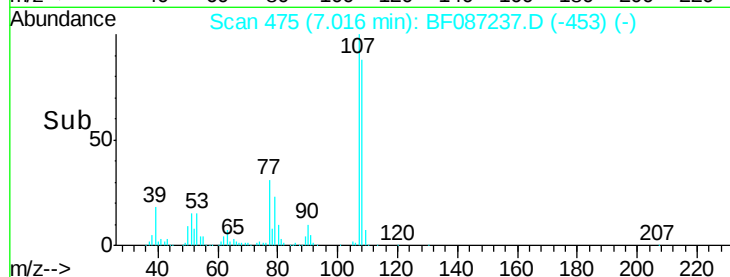
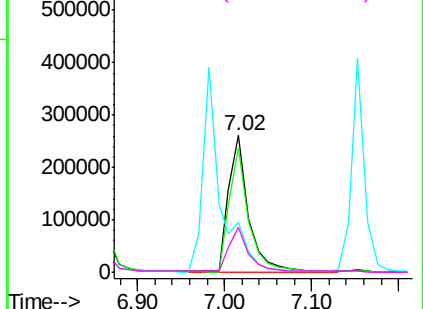


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

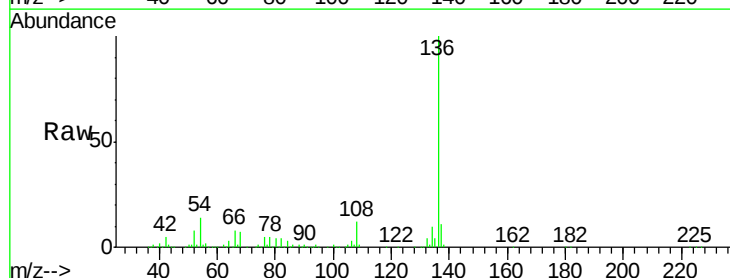
RT: 7.84 min Scan# 547

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Tgt Ion:136	Resp:	532746
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	14.0	5.0 7.4#
68	7.0	4.4 6.6#

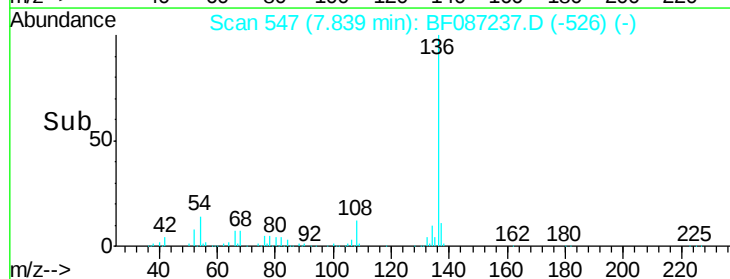
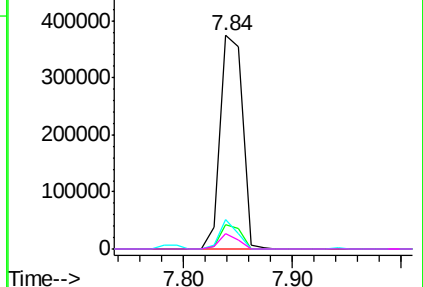


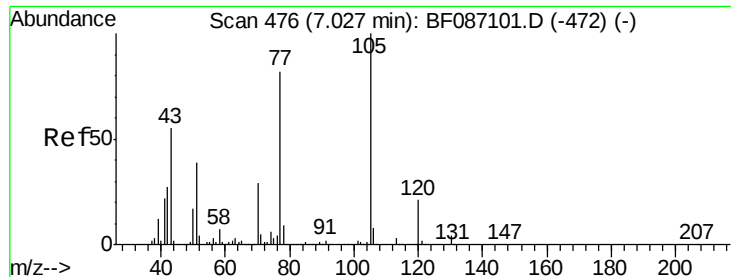
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 39.21 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

Tot Ion:105 Resp: 511262

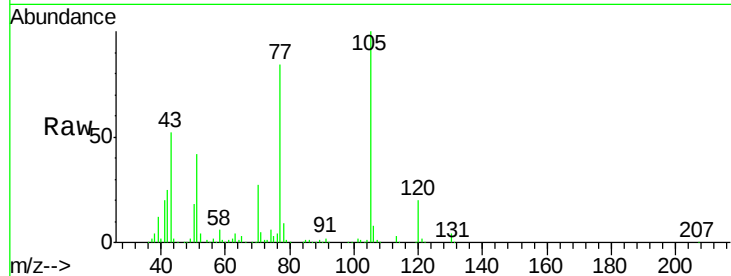
Ion Ratio Lower Upper

105 100

71 4.6 4.8 7.2#

51 41.6 32.6 49.0

120 20.1 16.5 24.7

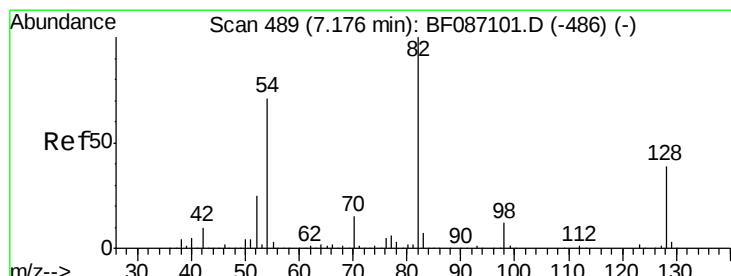
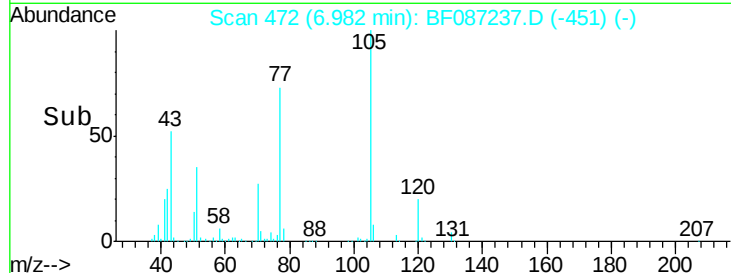
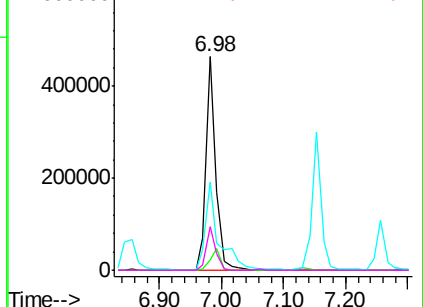


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 78.95 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

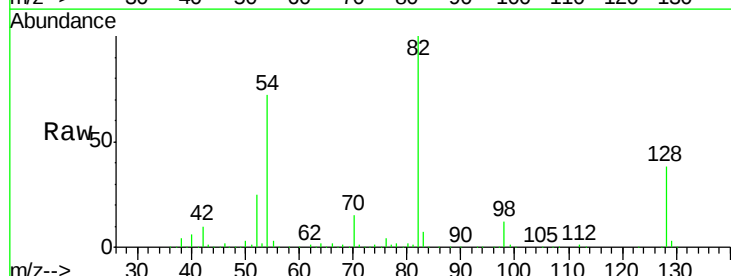
Tgt Ion: 82 Resp: 843912

Ion Ratio Lower Upper

82 100

128 38.3 40.6 61.0#

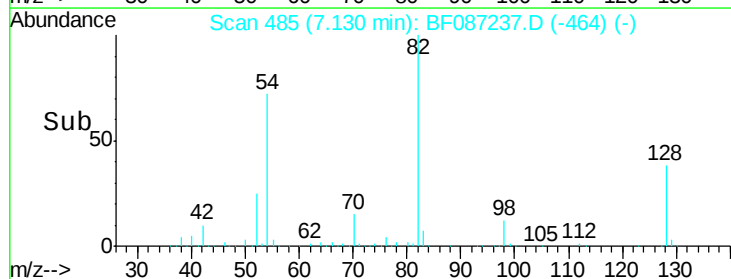
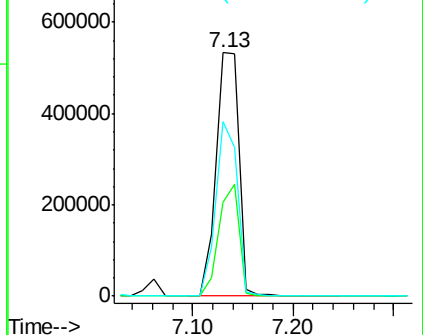
54 71.8 38.1 57.1#

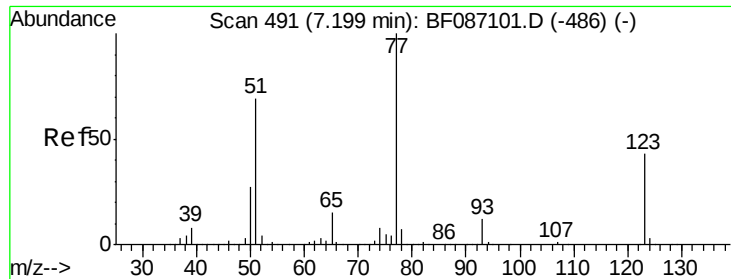


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

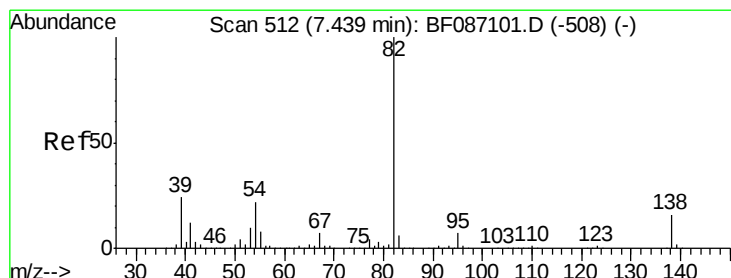
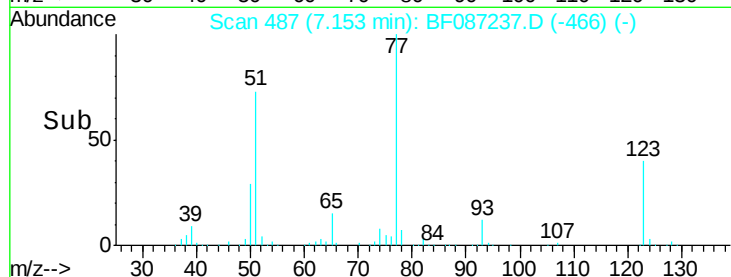
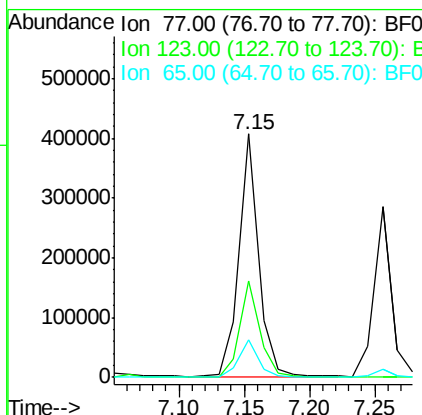
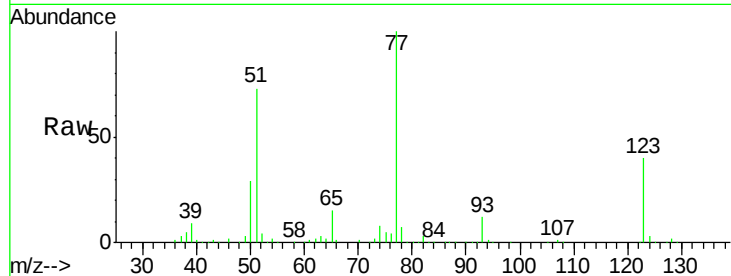




#24
 Nitrobenzene
 Concen: 35.99 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

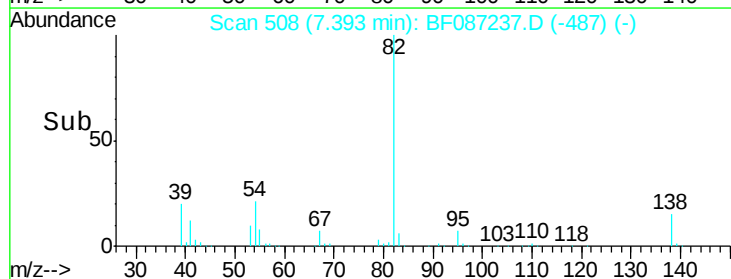
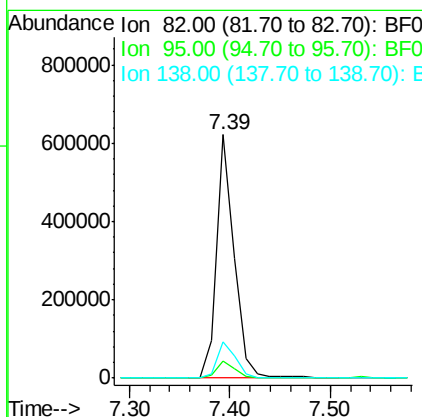
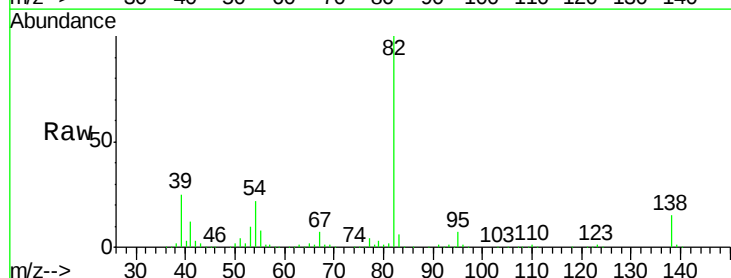
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

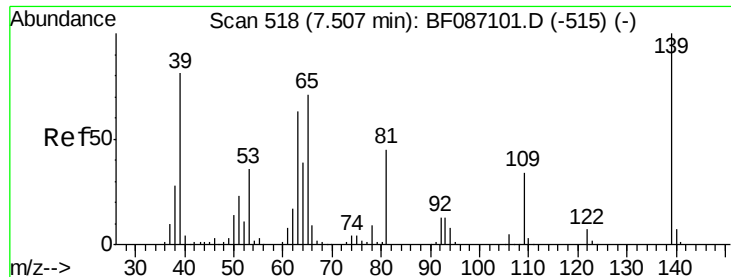
Tot Ion: 77 Resp: 420076
 Ion Ratio Lower Upper
 77 100
 123 39.7 33.0 49.4
 65 15.3 10.8 16.2



#25
 Isophorone
 Concen: 38.77 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Tgt Ion: 82 Resp: 758693
 Ion Ratio Lower Upper
 82 100
 95 7.2 5.1 7.7
 138 14.7 12.4 18.6

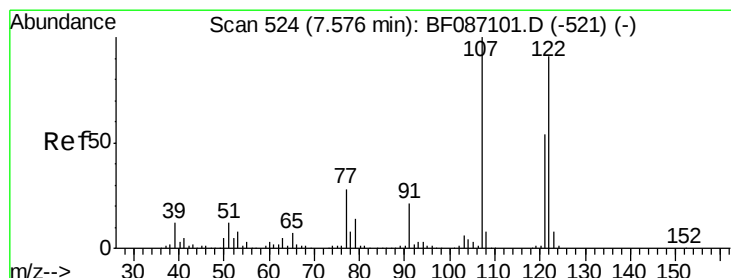
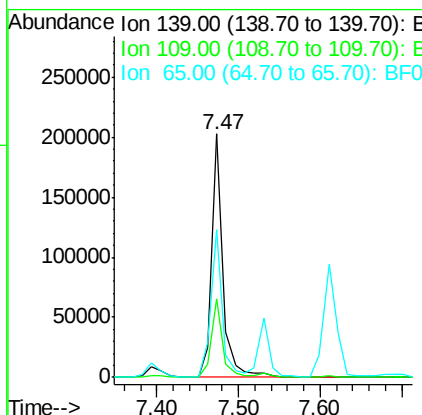
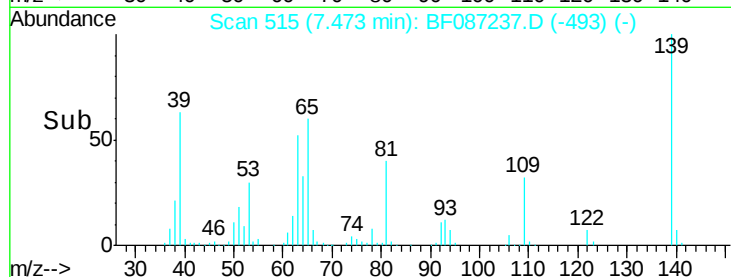
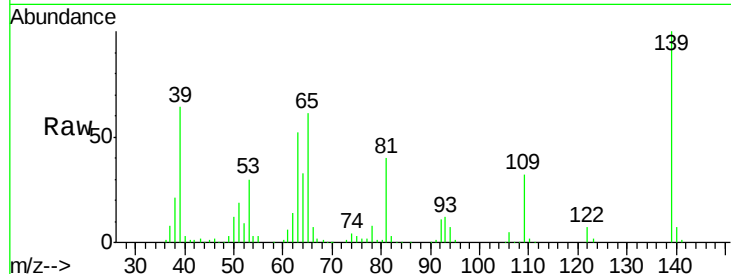




#26
 2-Nitrophenol
 Concen: 41.05 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

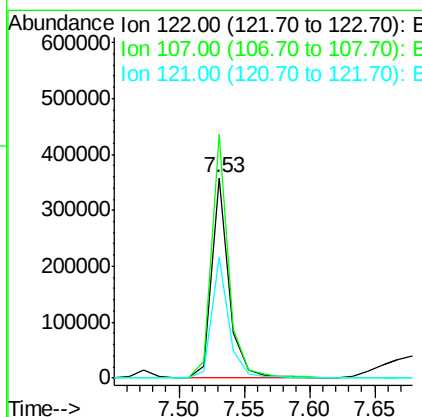
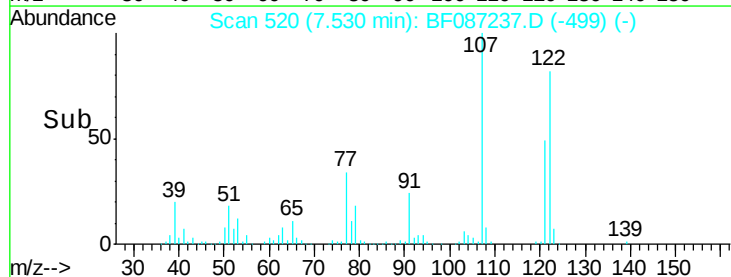
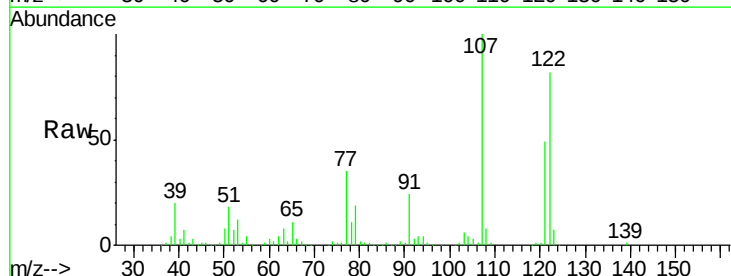
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

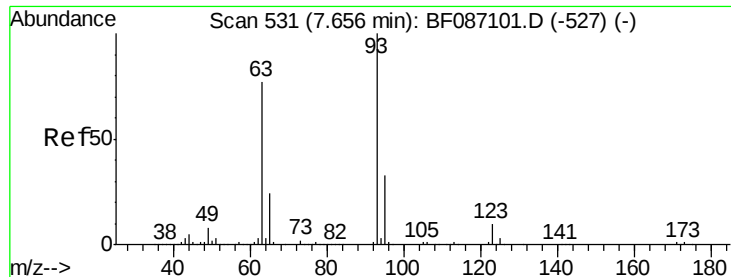
Tot Ion	Ratio	Lower	Upper
139	100		
109	32.0	19.5	29.3#
65	60.5	37.5	56.3#



#27
 2,4-Dimethylphenol
 Concen: 40.56 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.5	82.0	123.0
121	59.9	46.1	69.1





#28

bis(2-Chloroethoxy)methane

Concen: 40.28 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

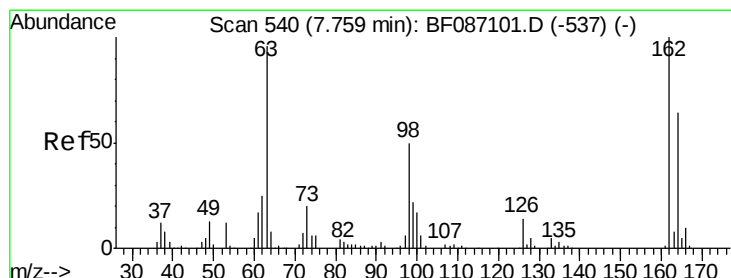
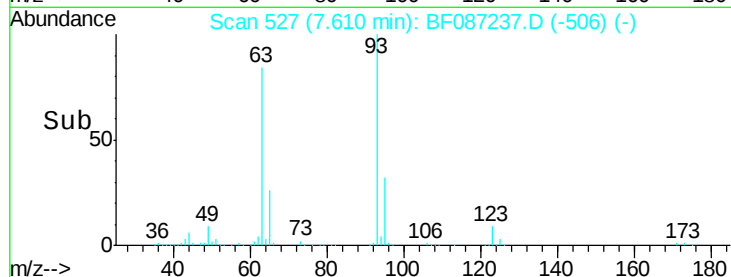
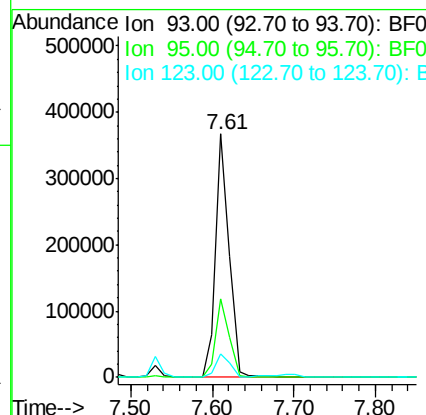
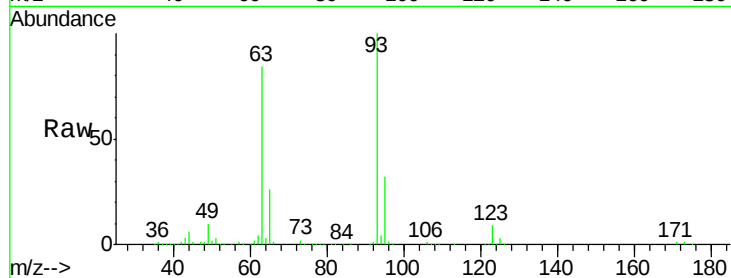
BNA_F

ClientSampleID :

PB90666BS

Tot Ion: 93 Resp: 432691

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	9.4	9.5	14.3#



#29

2,4-Dichlorophenol

Concen: 44.85 ng

RT: 7.72 min Scan# 537

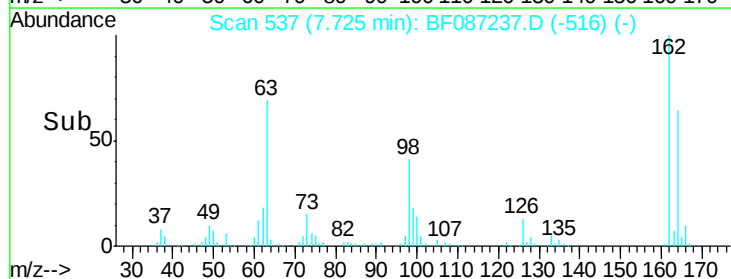
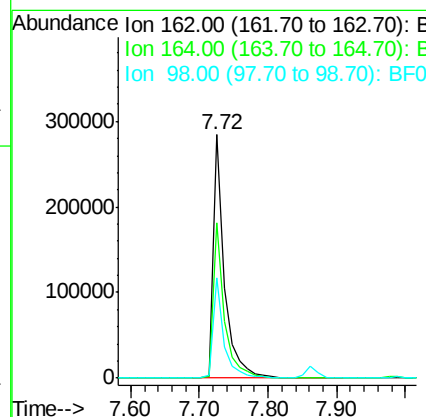
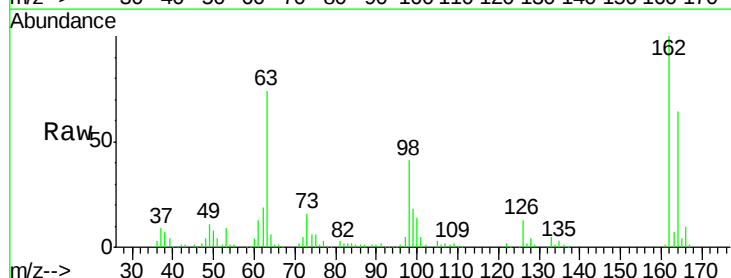
Delta R.T. -0.06 min

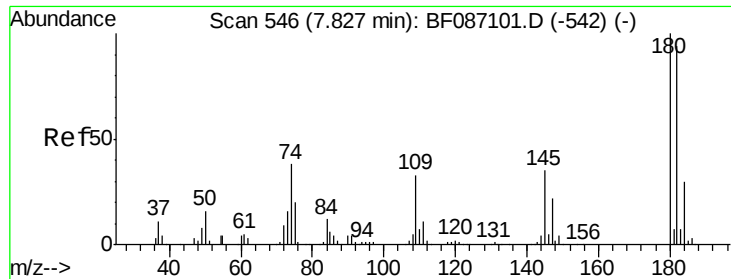
Lab File: BF087237.D

Acq: 20 May 2016 21:25

Tgt Ion: 162 Resp: 326105

Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.2	82.2
98	41.4	19.0	59.0

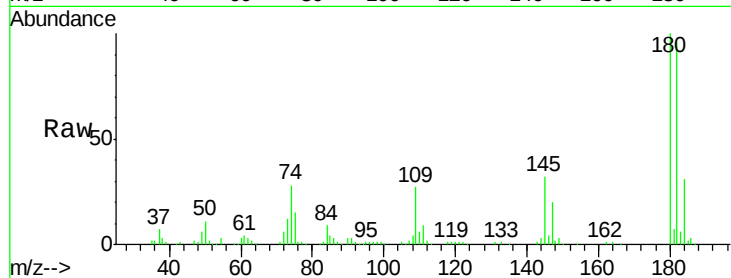




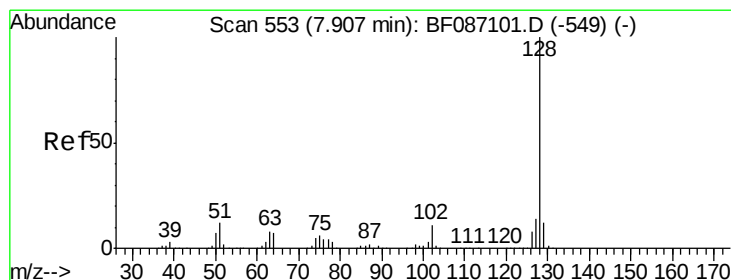
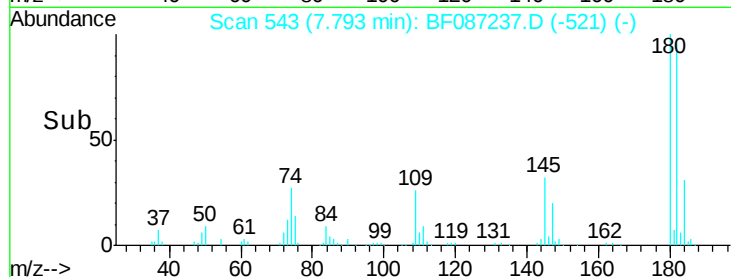
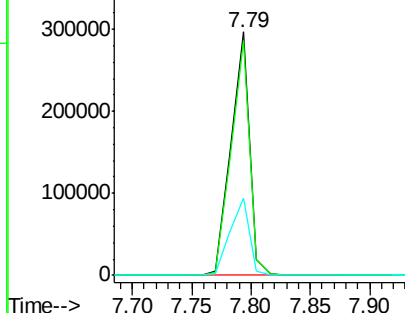
#30
 1,2,4-Trichlorobenzene
 Concen: 39.82 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

Tot Ion:180 Resp: 321270
 Ion Ratio Lower Upper
 180 100
 182 96.3 78.0 117.0
 145 32.0 24.2 36.2

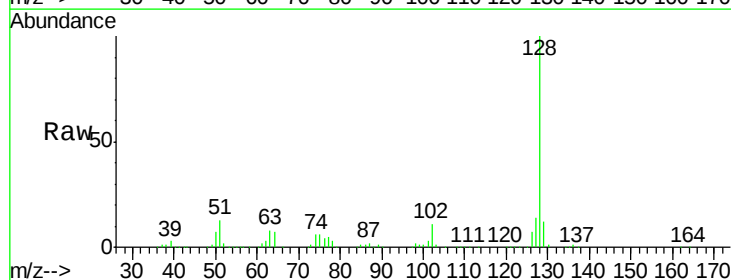


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

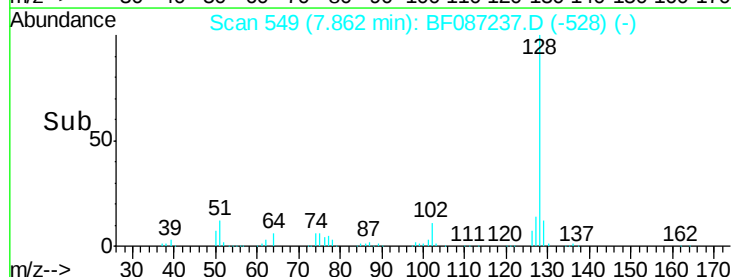
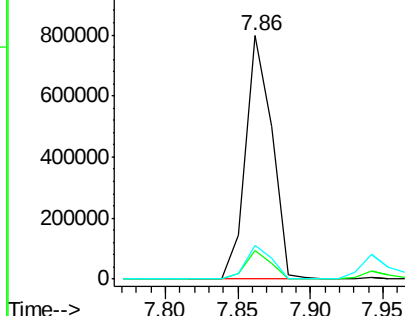


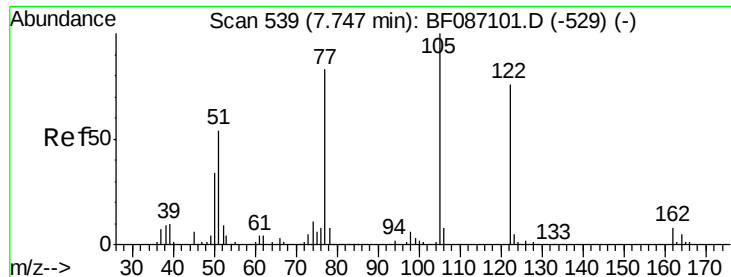
#31
 Naphthalene
 Concen: 38.54 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Tgt Ion:128 Resp: 1003154
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.6 13.0
 127 13.6 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: 36.23 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

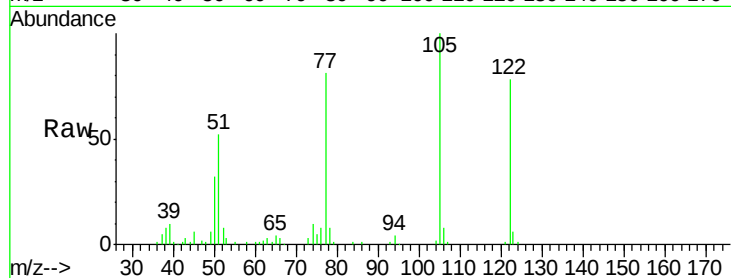
Tot Ion:122 Resp: 178159

Ion Ratio Lower Upper

122 100

105 128.9 92.6 132.6

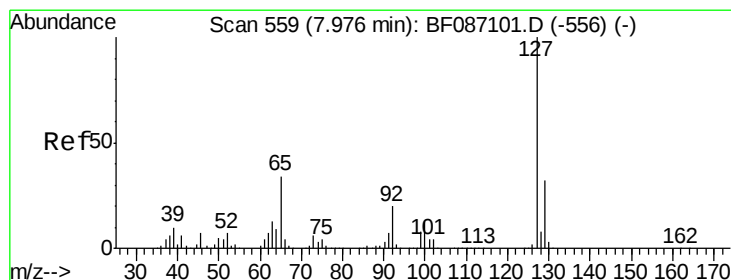
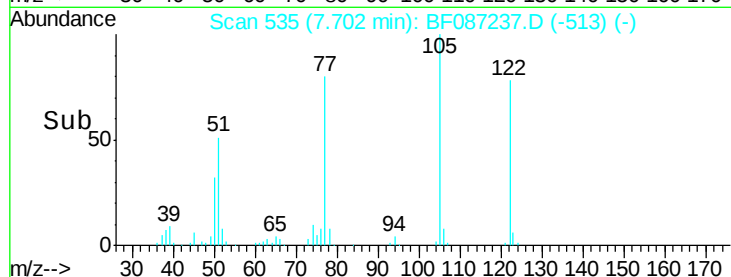
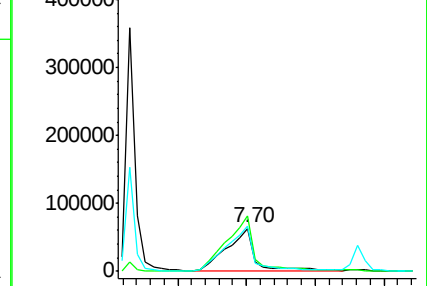
77 103.8 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 12.81 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Tgt Ion:127 Resp: 138549

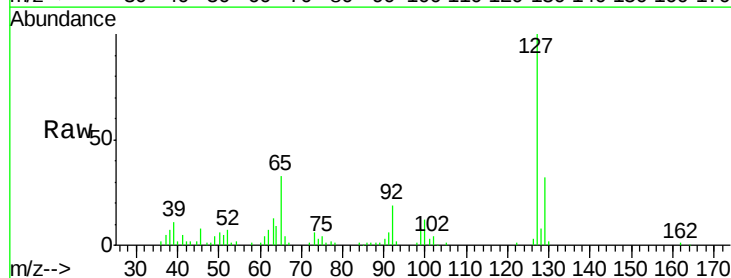
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.4

65 32.9 23.0 34.4

92 19.0 15.1 22.7

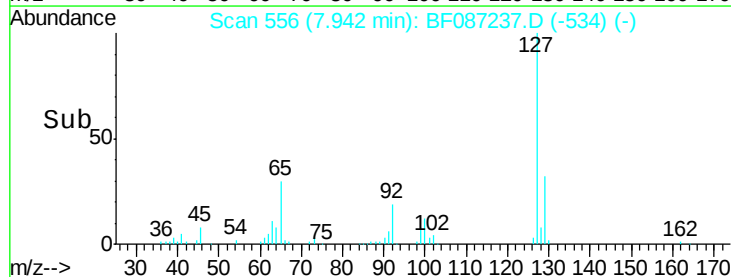
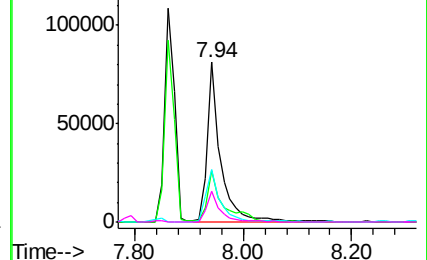


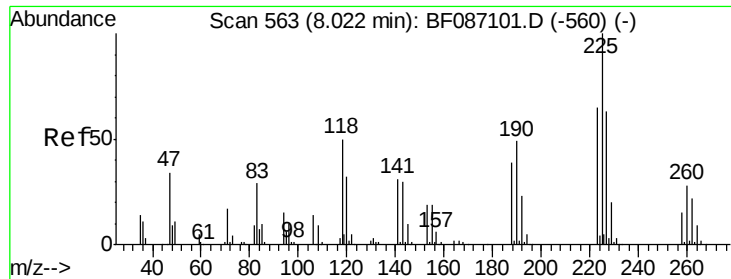
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 41.57 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleID :

PB90666BS

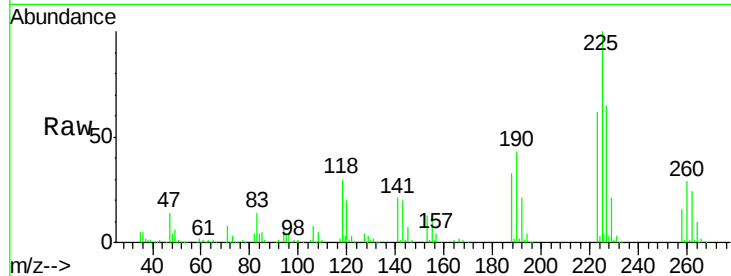
Tot Ion:225 Resp: 190326

Ion Ratio Lower Upper

225 100

223 62.3 51.5 77.3

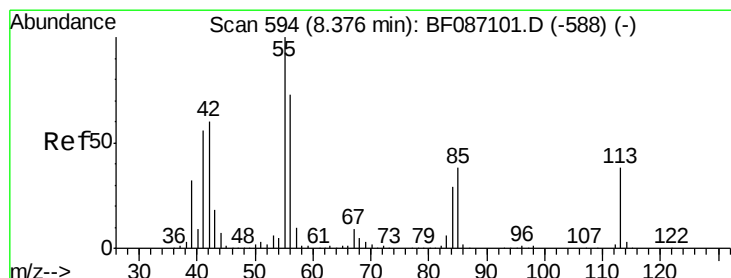
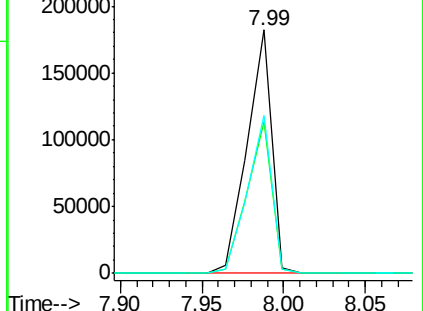
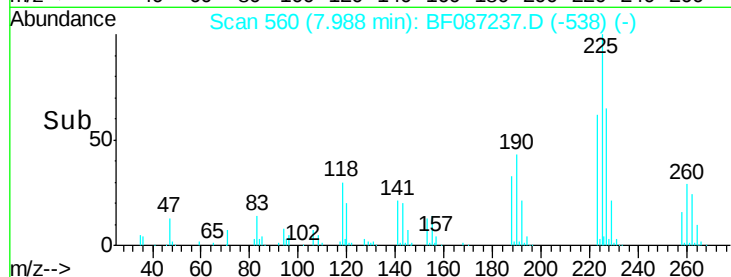
227 64.9 52.2 78.2



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: 42.14 ng m

RT: 8.32 min Scan# 589

Delta R.T. -0.07 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

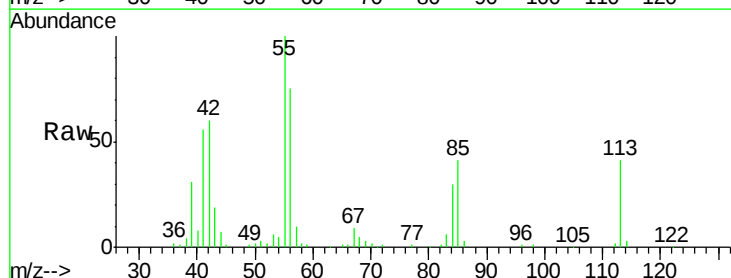
Tgt Ion:113 Resp: 102024

Ion Ratio Lower Upper

113 100

55 243.1 162.0 202.0#

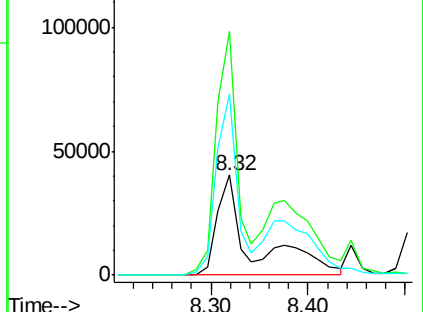
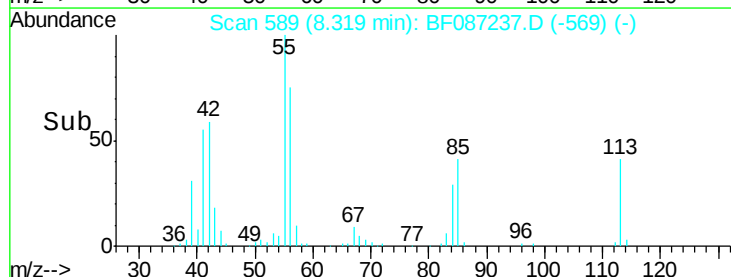
56 181.2 115.3 155.3#

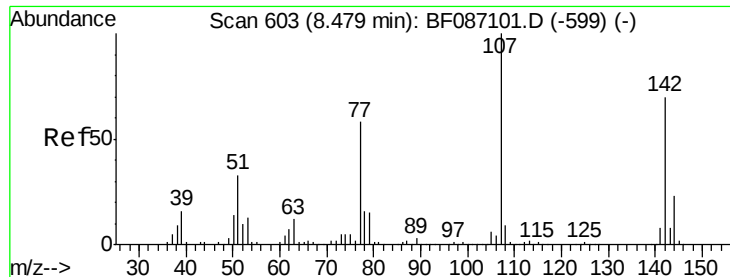


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 41.97 ng

RT: 8.44 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleID :

PB90666BS

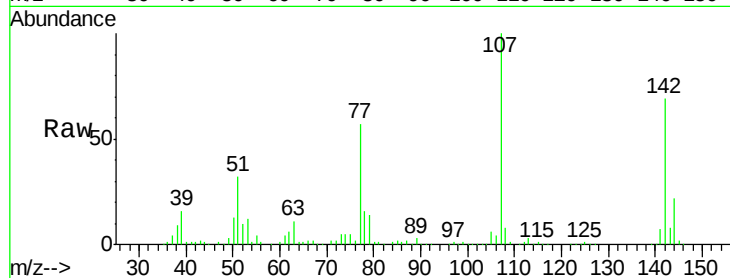
Tot Ion:107 Resp: 368067

Ion Ratio Lower Upper

107 100

144 22.4 20.7 31.1

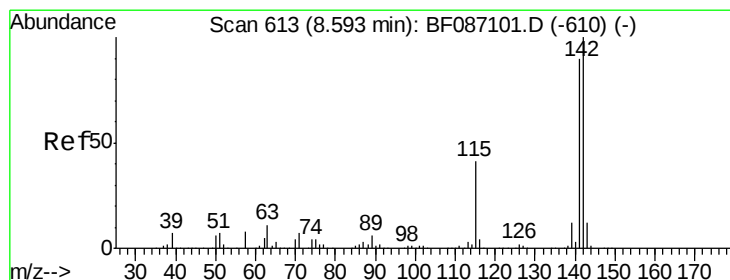
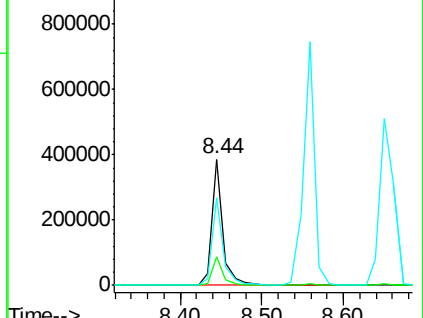
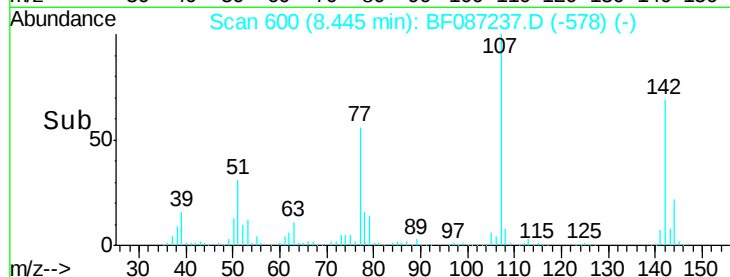
142 69.2 63.2 94.8



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: 42.49 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

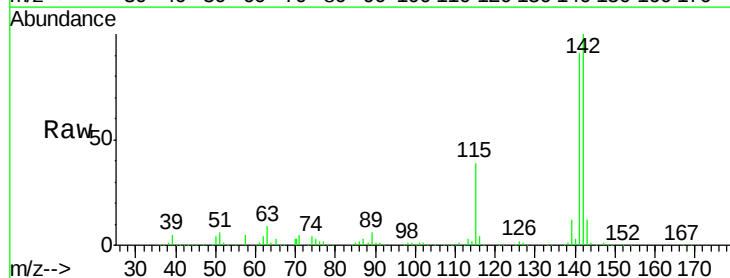
Tgt Ion:142 Resp: 707438

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.6

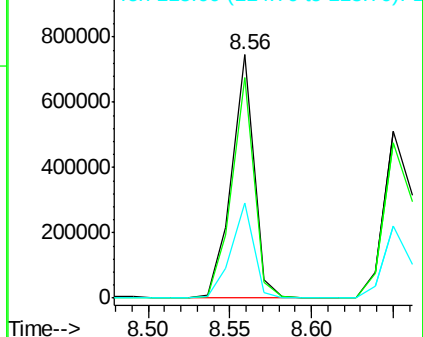
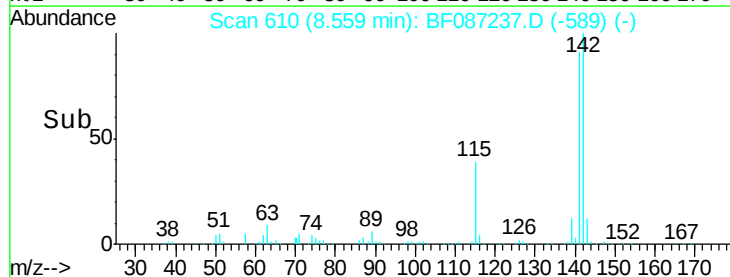
115 39.3 26.6 39.8

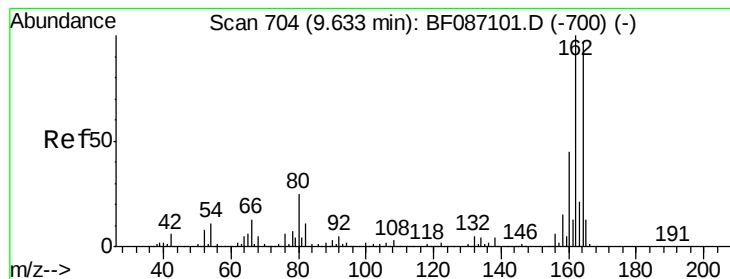


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

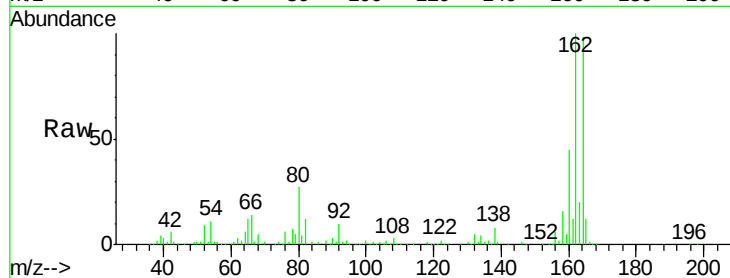
Tot Ion:164 Resp: 263102

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

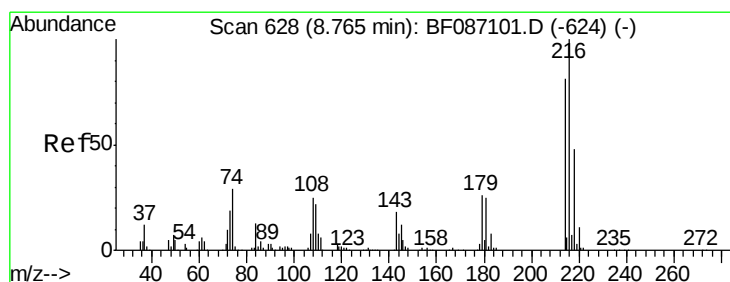
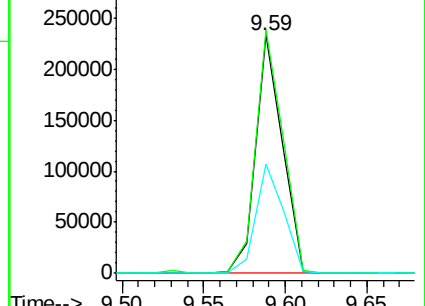
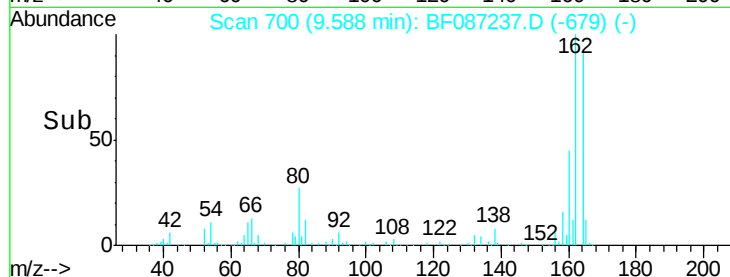
160 46.0 36.9 55.3



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: 38.57 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Tgt Ion:216 Resp: 296380

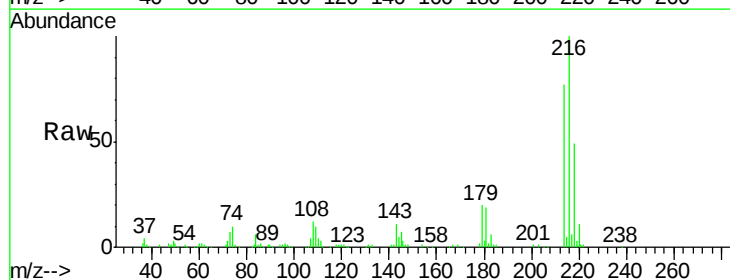
Ion Ratio Lower Upper

216 100

214 78.2 62.6 93.8

179 23.2 18.2 27.4

108 23.8 17.5 26.3

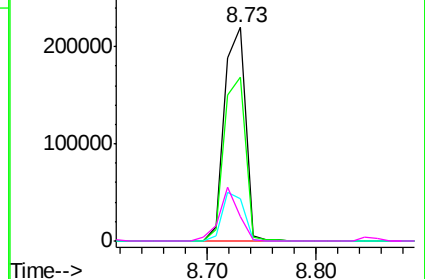
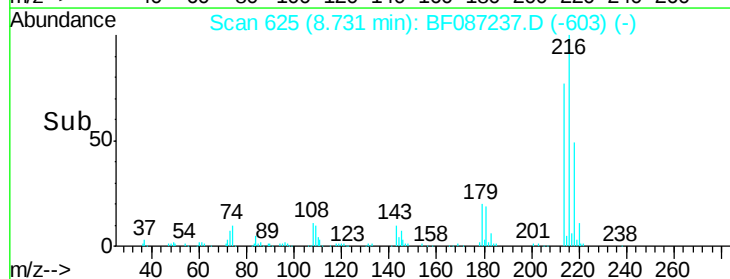


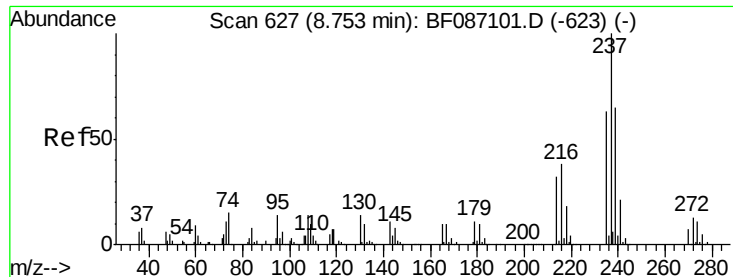
Abundance Ion 216.00 (215.70 to 216.70): E

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

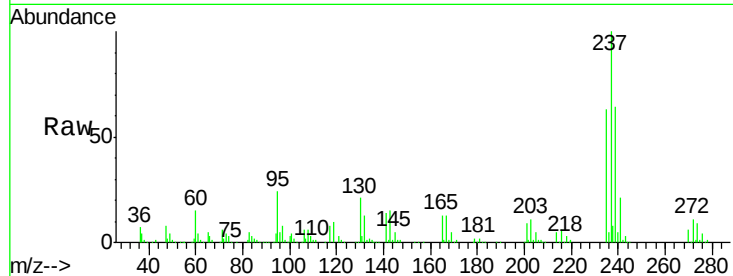




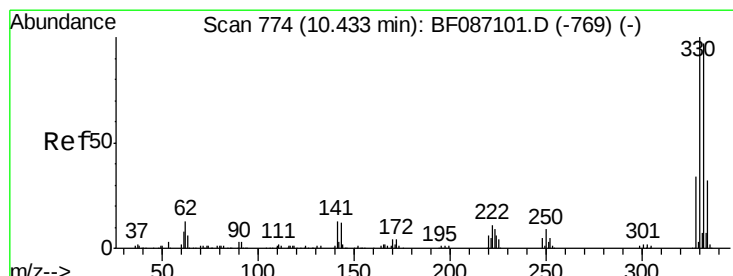
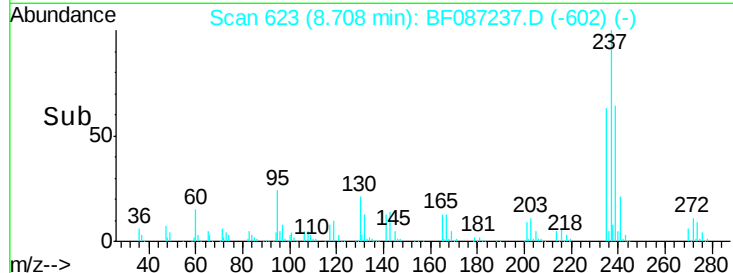
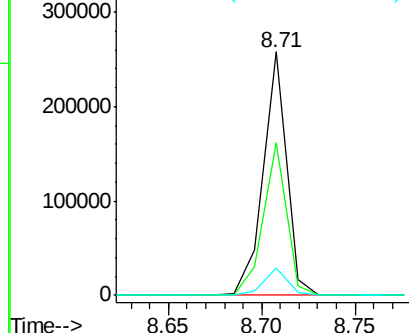
#40
Hexachlorocyclopentadiene
Concen: 75.23 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Instrument :
BNA_F
ClientSampleId :
PB90666BS

Tot Ion:237 Resp: 221692
Ion Ratio Lower Upper
237 100
235 62.5 47.2 87.2
272 11.3 0.0 31.1

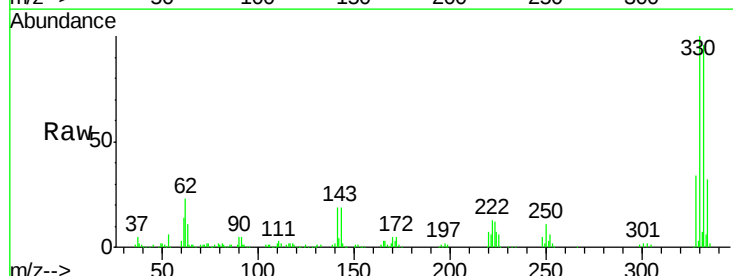


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

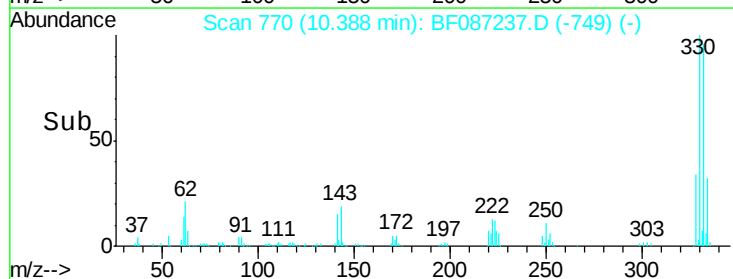
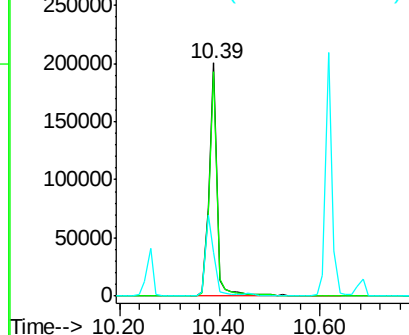


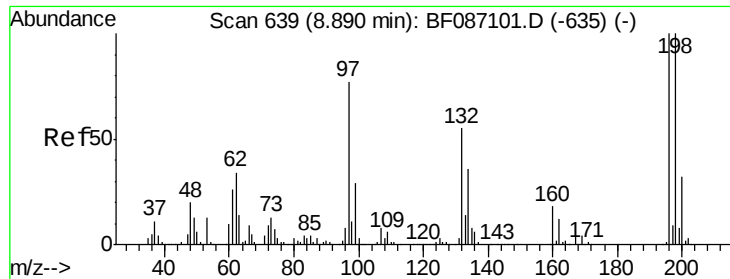
#41
2,4,6-Tribromophenol
Concen: 76.38 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.06 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion:330 Resp: 222056
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 36.9 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

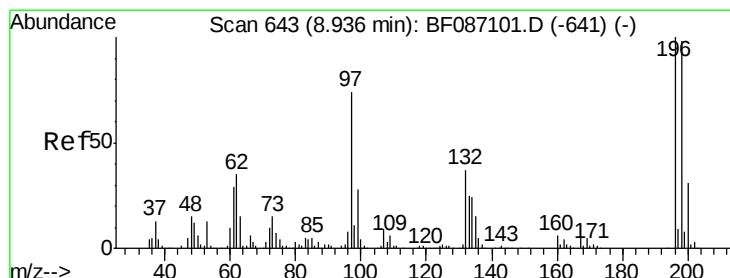
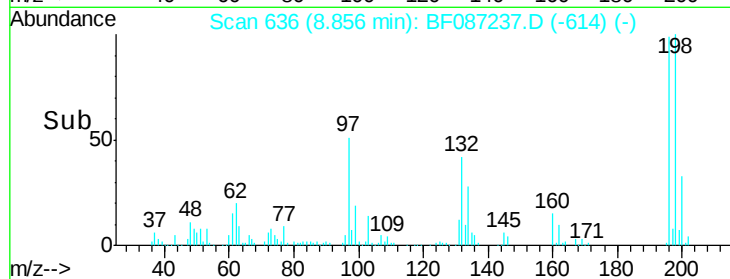
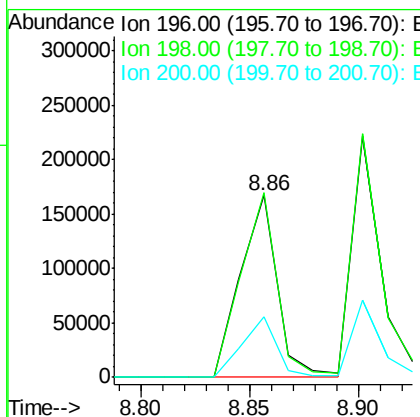
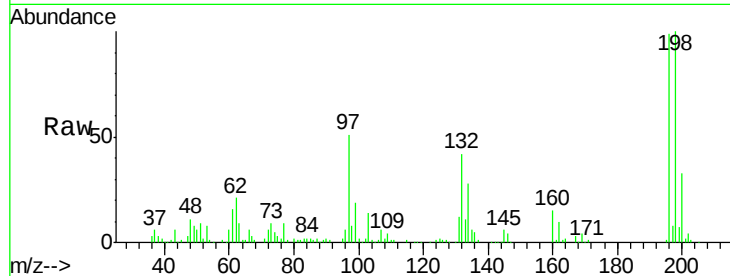




#42
 2,4,6-Trichlorophenol
 Concen: 39.53 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

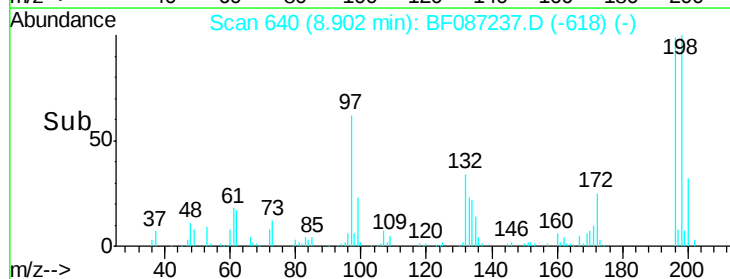
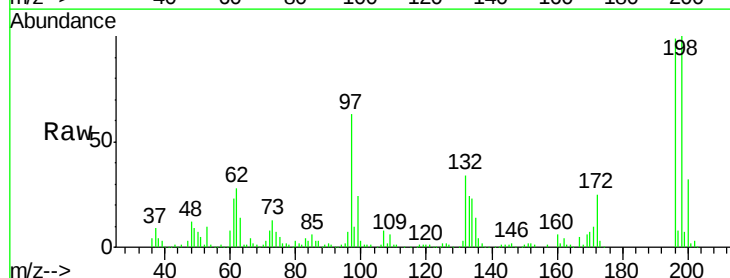
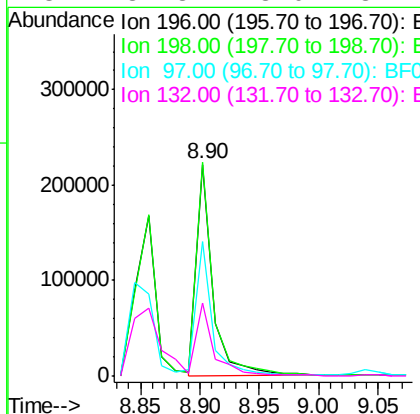
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

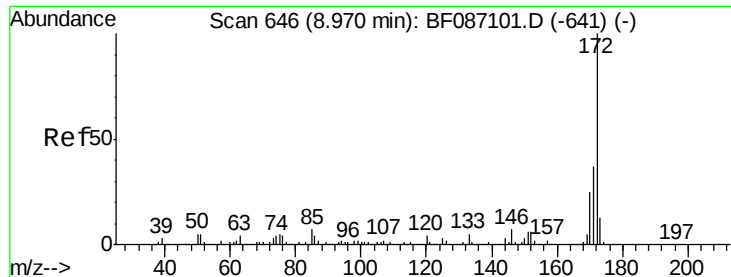
Tot Ion:196 Resp: 196985
 Ion Ratio Lower Upper
 196 100
 198 101.3 74.7 112.1
 200 33.2 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 41.97 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Tgt Ion:196 Resp: 217259
 Ion Ratio Lower Upper
 196 100
 198 100.8 77.5 116.3
 97 63.2 34.8 52.2#
 132 34.3 23.0 34.4





#44

2-Fluorobiphenyl

Concen: 82.88 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

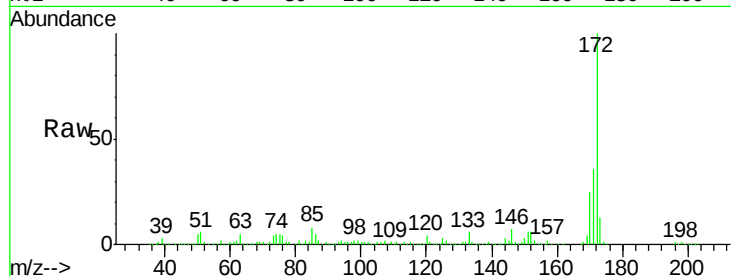
Tot Ion:172 Resp: 1316640

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

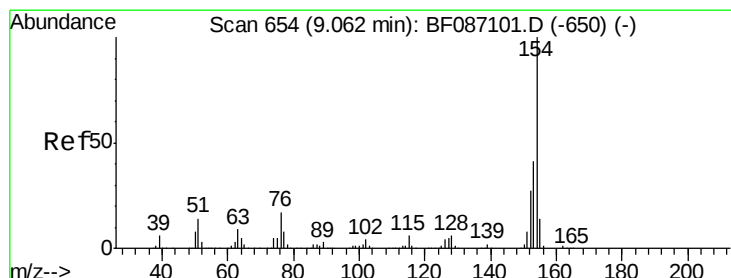
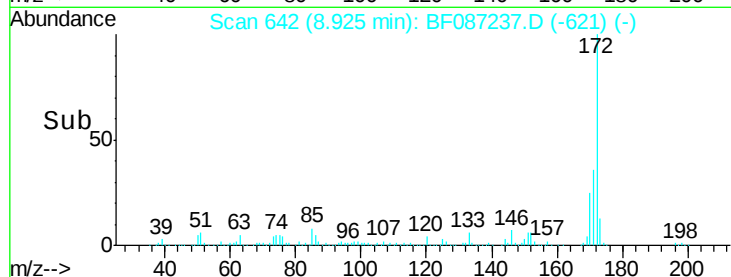
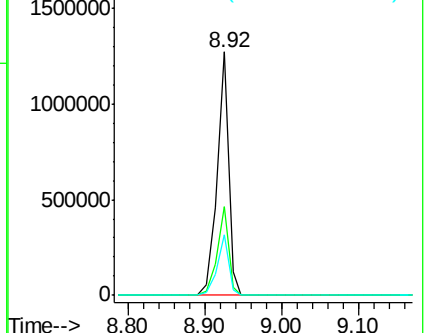
170 24.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 41.47 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

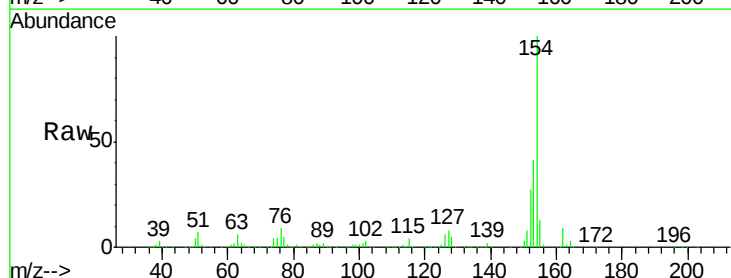
Tgt Ion:154 Resp: 904618

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

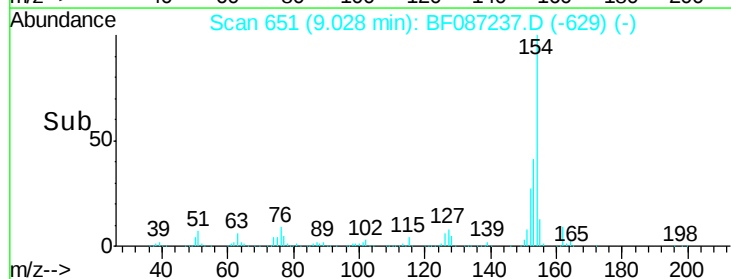
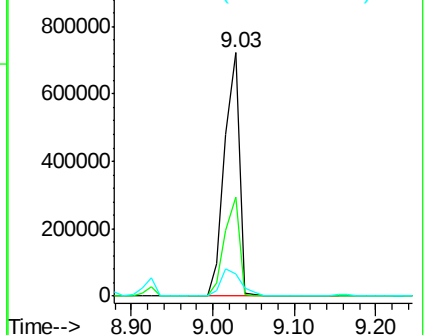
76 9.2 0.0 30.2

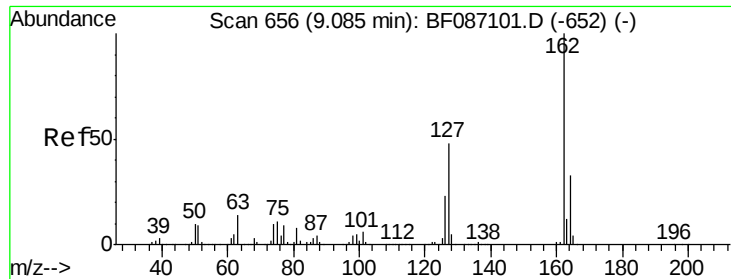


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

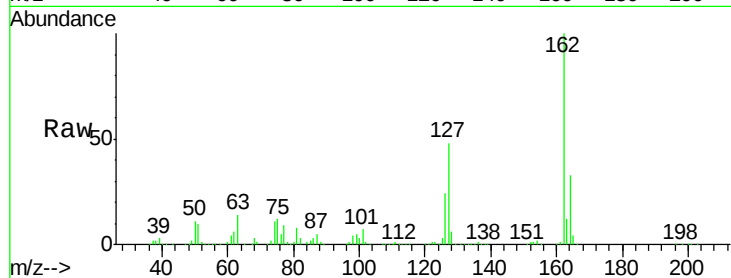




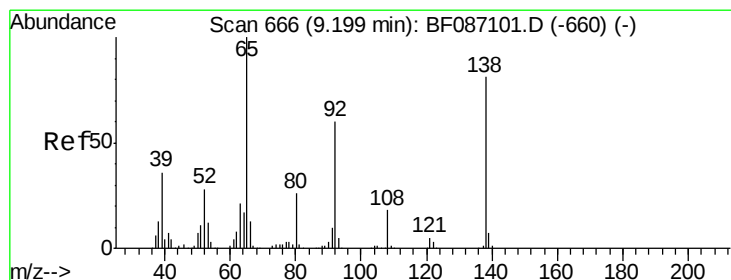
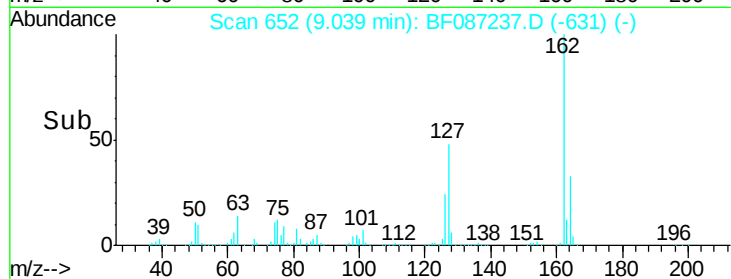
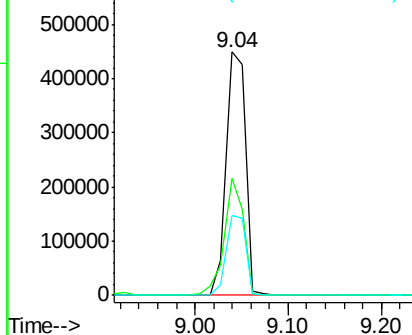
#46
 2-Chloronaphthalene
 Concen: 39.14 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	48.1	31.8	47.6#
164	32.5	27.0	40.6

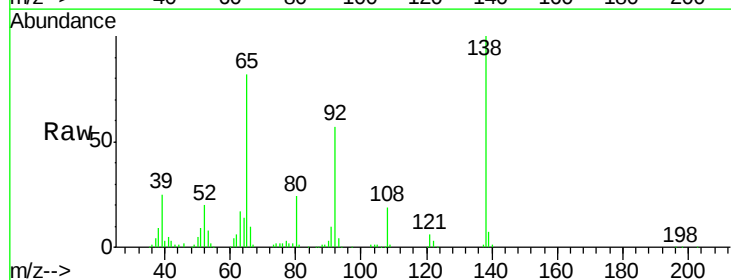


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

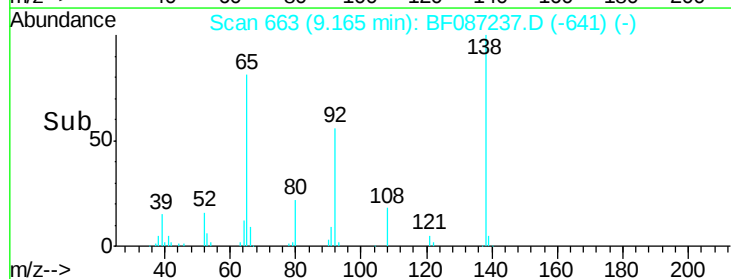
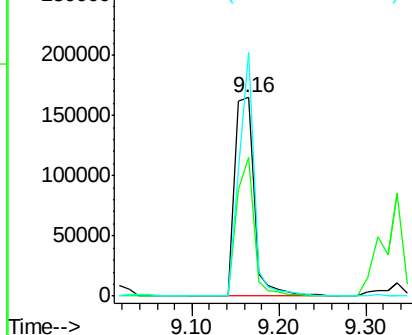


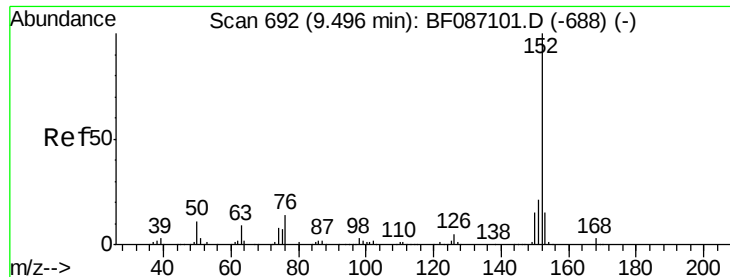
#47
 2-Nitroaniline
 Concen: 39.47 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.4	86.2
138	122.5	90.1	135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 38.17 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampled :

PB90666BS

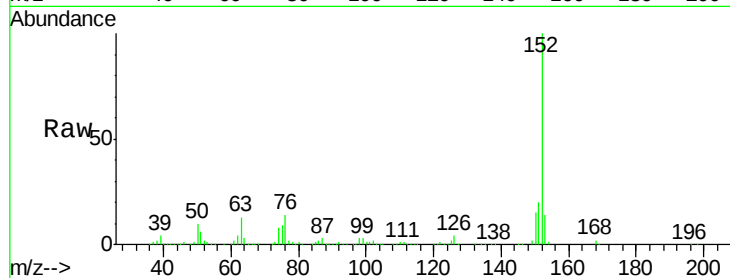
Tot Ion:152 Resp: 976251

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

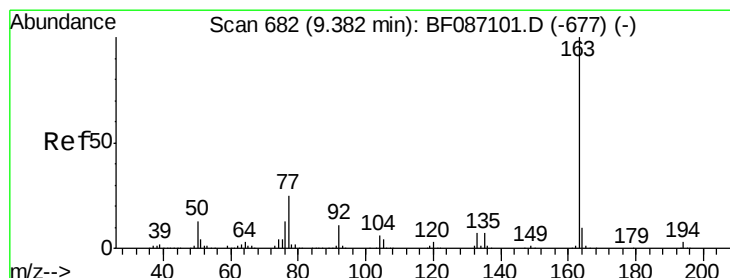
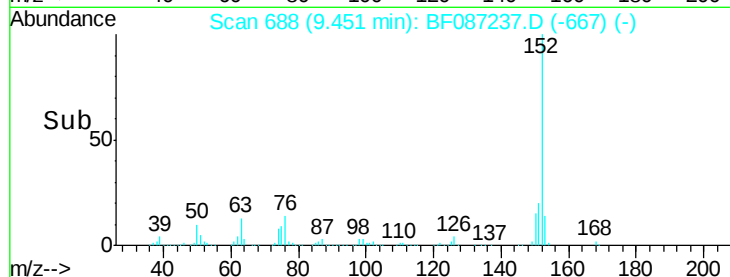
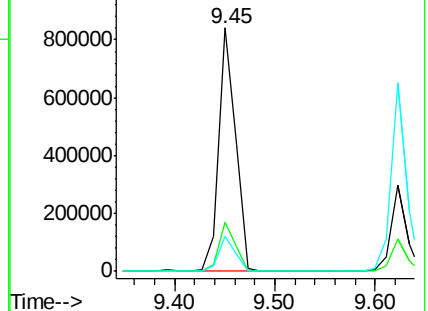
153 14.5 10.9 16.3



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: 39.85 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

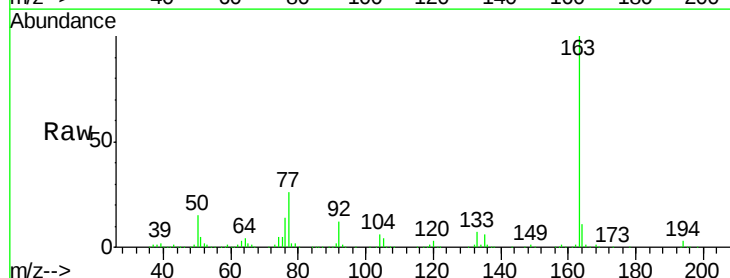
Tgt Ion:163 Resp: 799887

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

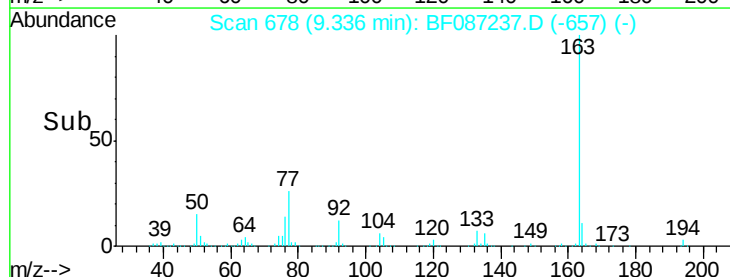
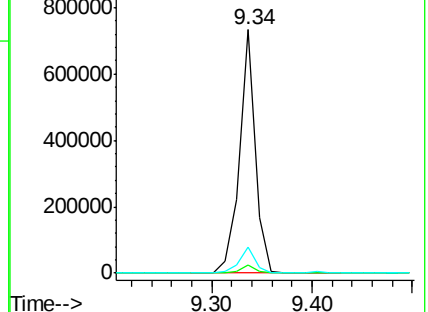
164 10.7 8.2 12.4

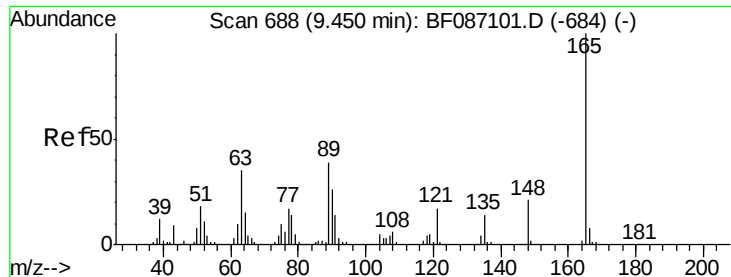


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 44.37 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

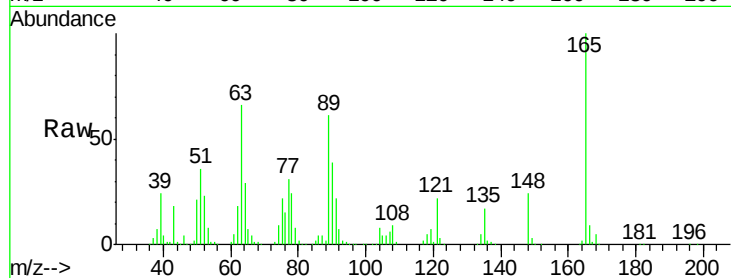
Tot Ion:165 Resp: 193347

Ion Ratio Lower Upper

165 100

63 65.7 51.8 77.8

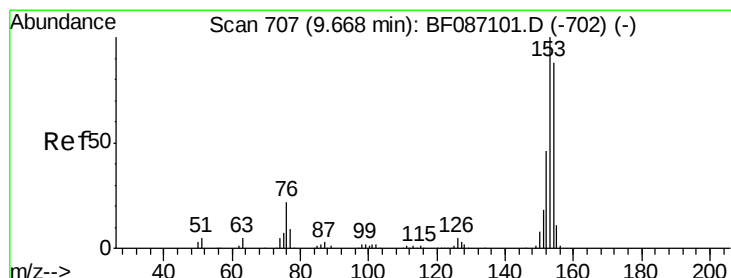
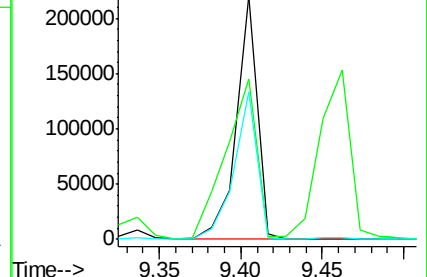
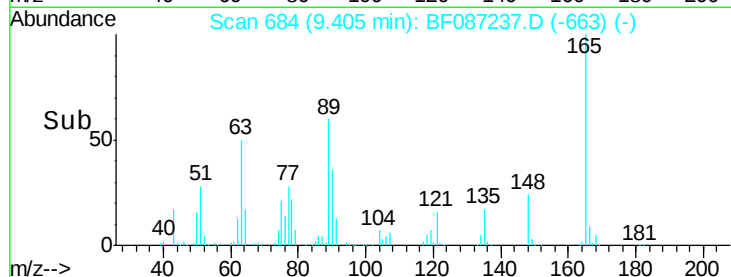
89 60.6 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 37.60 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

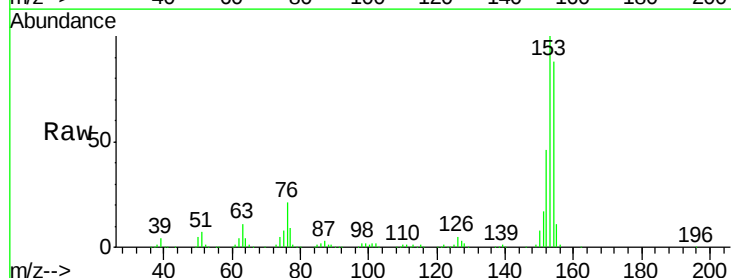
Tgt Ion:154 Resp: 600760

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

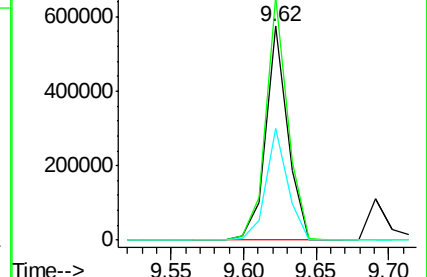
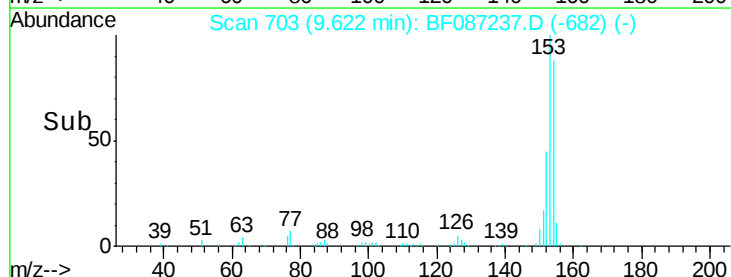
152 52.1 43.4 65.0

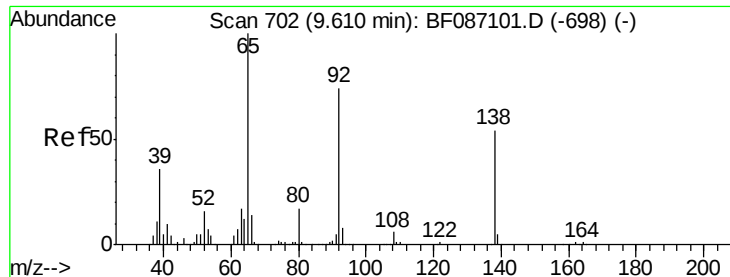


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 20.21 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

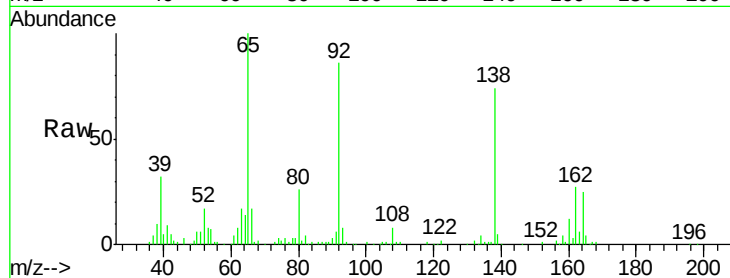
Tot Ion:138 Resp: 95351

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

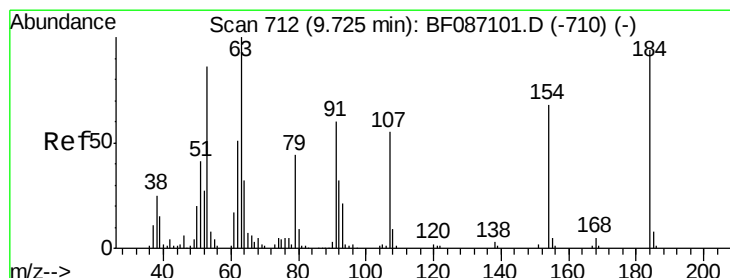
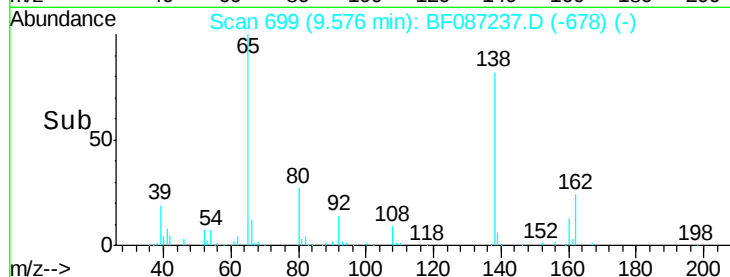
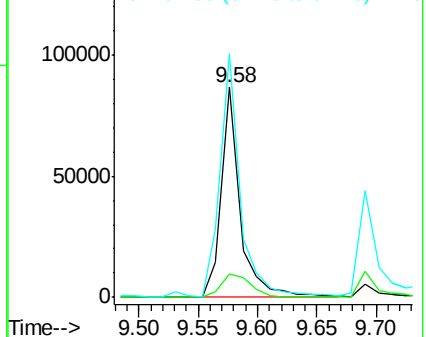
92 116.0 87.8 131.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 69.99 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

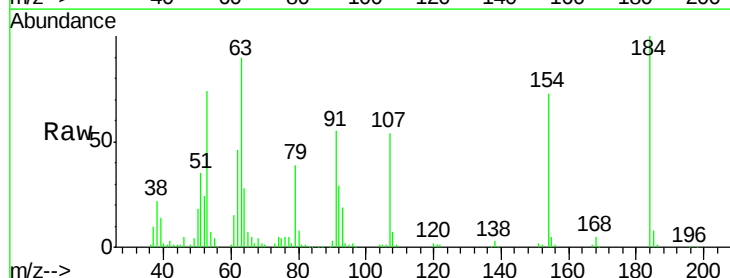
Tgt Ion:184 Resp: 173187

Ion Ratio Lower Upper

184 100

63 90.5 55.8 83.8#

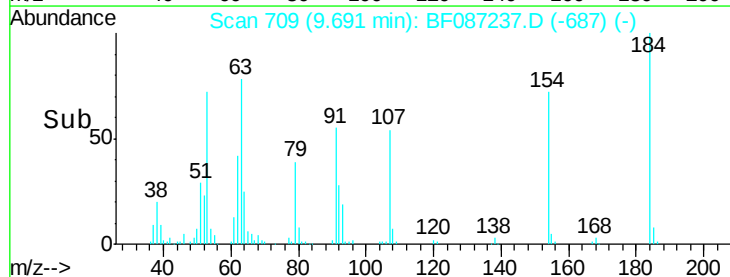
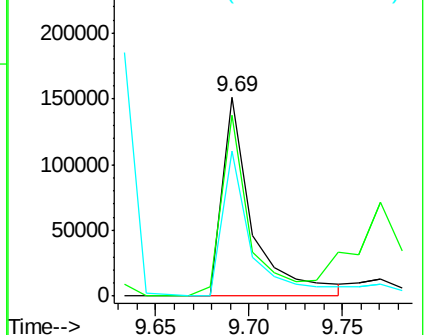
154 72.8 62.4 93.6

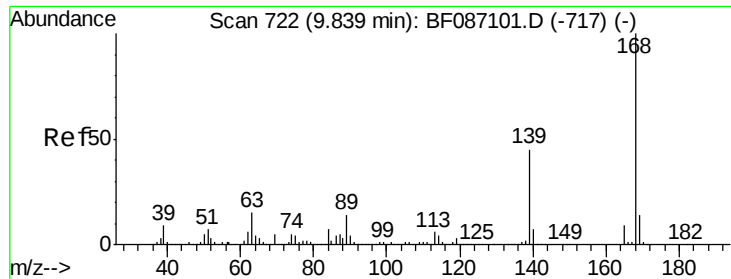


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

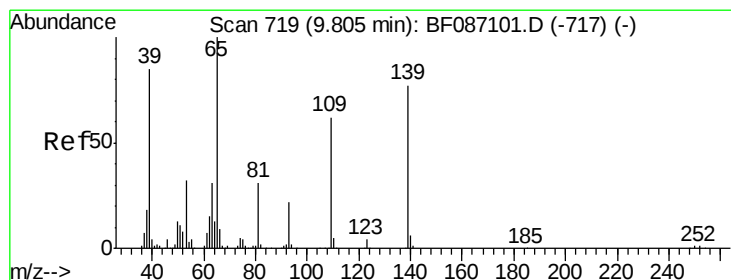
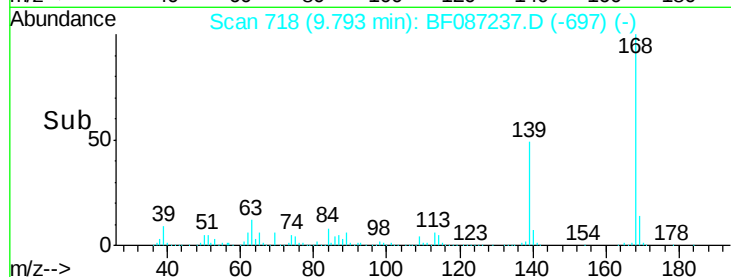
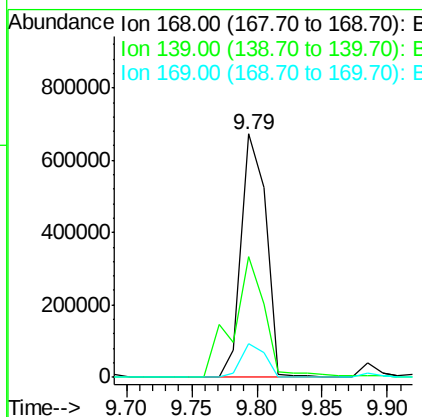
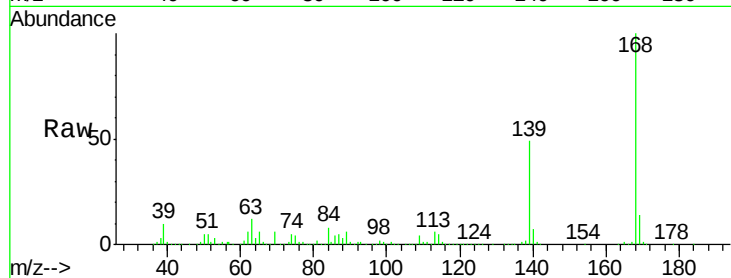




#54
Dibenzofuran
Concen: 42.84 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.06 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

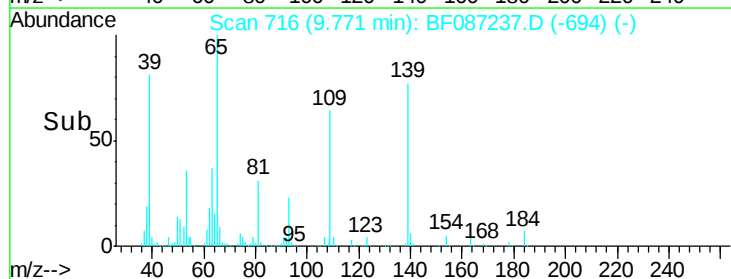
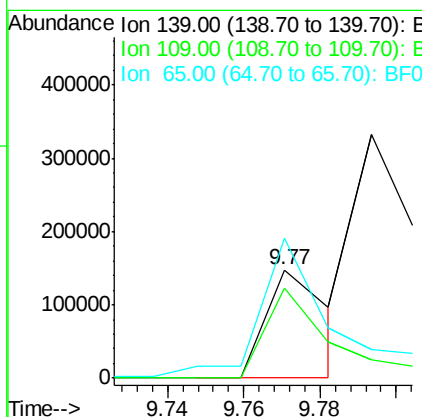
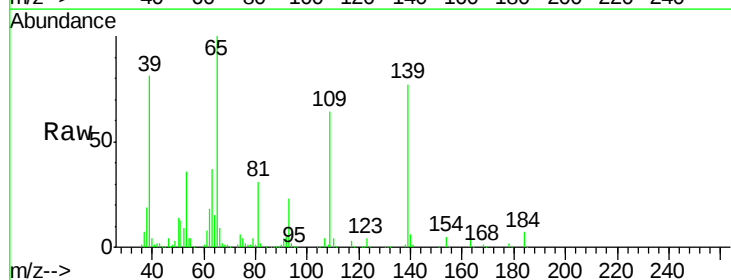
Instrument :
BNA_F
ClientSampleId :
PB90666BS

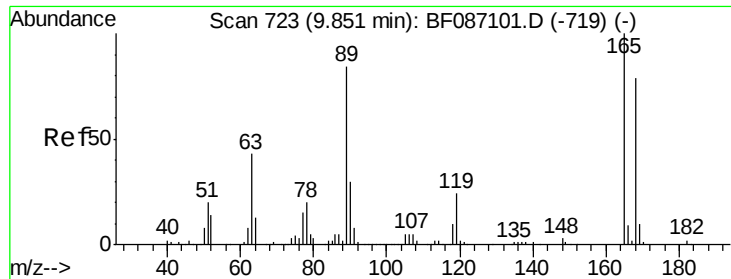
Tot Ion:168 Resp: 885146
Ion Ratio Lower Upper
168 100
139 49.4 31.4 47.0#
169 13.9 10.7 16.1



#55
4-Nitrophenol
Concen: 59.03 ng m
RT: 9.77 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion:139 Resp: 168241
Ion Ratio Lower Upper
139 100
109 82.8 36.9 76.9#
65 129.6 64.0 104.0#

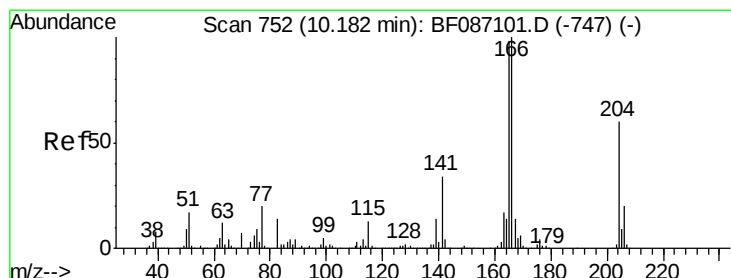
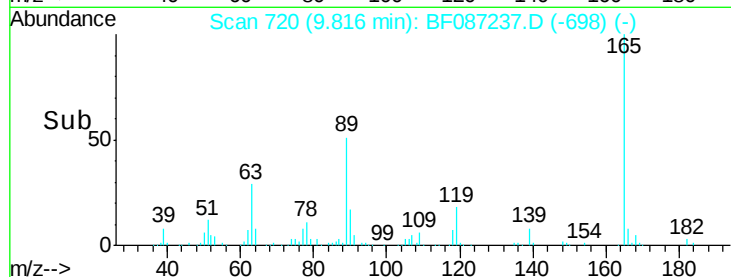
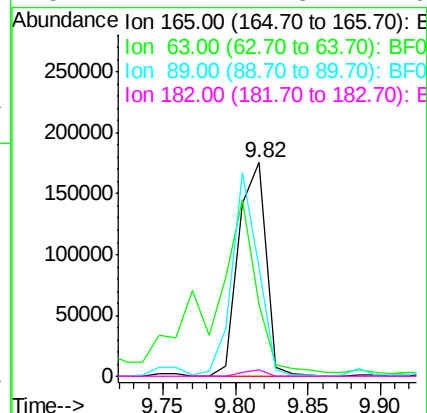
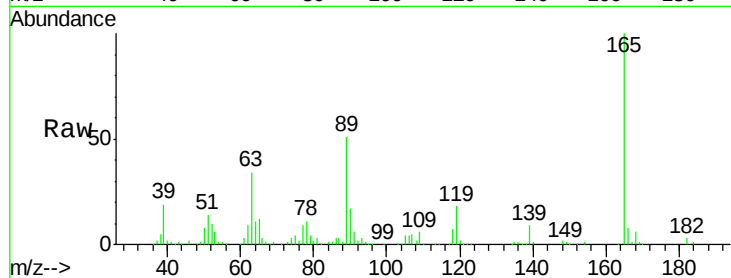




#56
2,4-Dinitrotoluene
Concen: 41.61 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

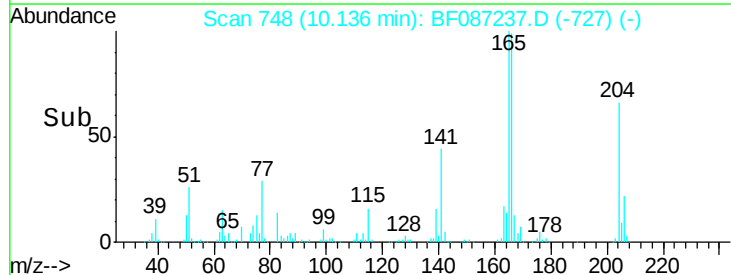
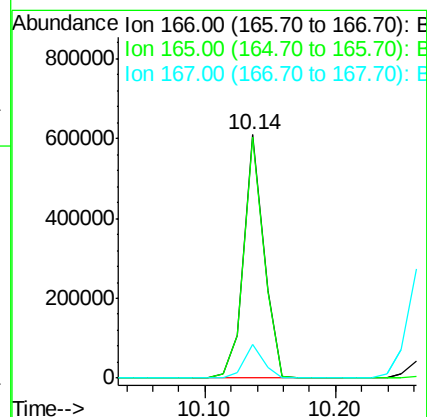
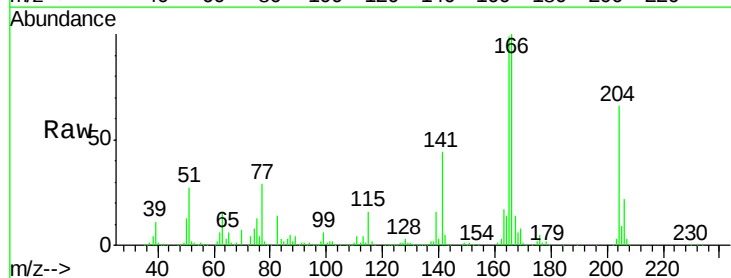
Instrument :
BNA_F
ClientSampled :
PB90666BS

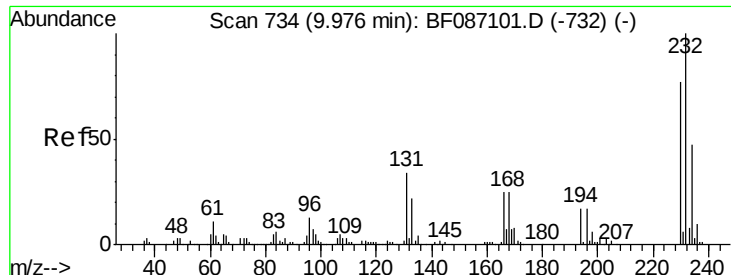
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.6	44.3	66.5#
89	50.9	70.0	105.0#
182	2.7	1.8	2.6#



#57
Fluorene
Concen: 39.30 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.6
167	13.8	10.6	15.8

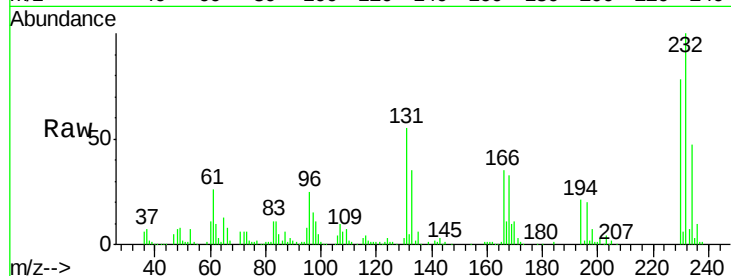




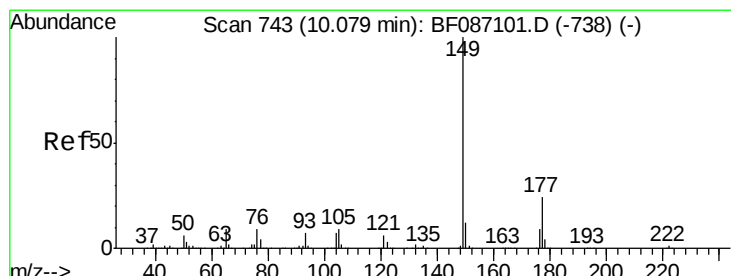
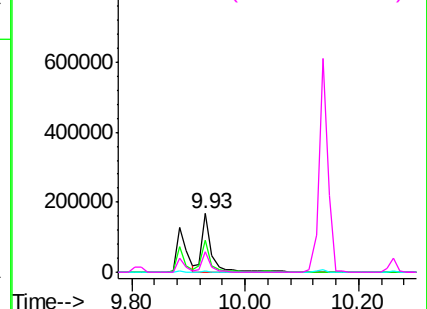
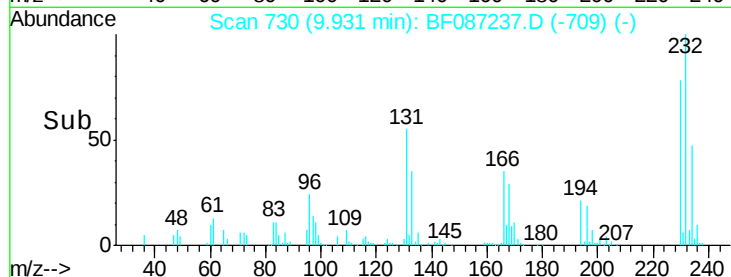
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.18 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.7	41.9	62.9
130	2.9	2.2	3.4
166	30.8	26.8	40.2

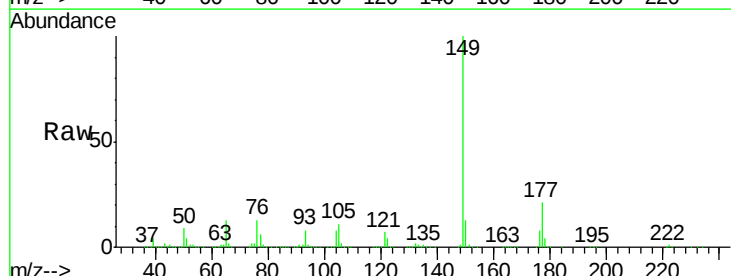


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

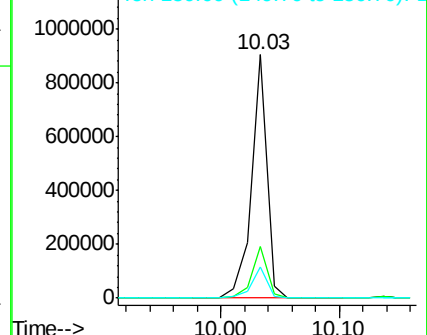
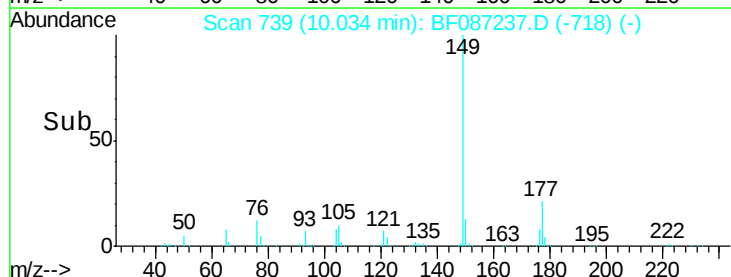


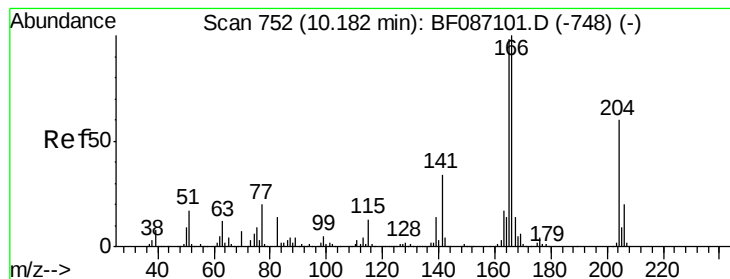
#59
 Diethylphthalate
 Concen: 42.87 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.6	24.8
150	12.9	10.0	15.0



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





#60

4-Chlorophenyl-phenylether

Concen: 44.79 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

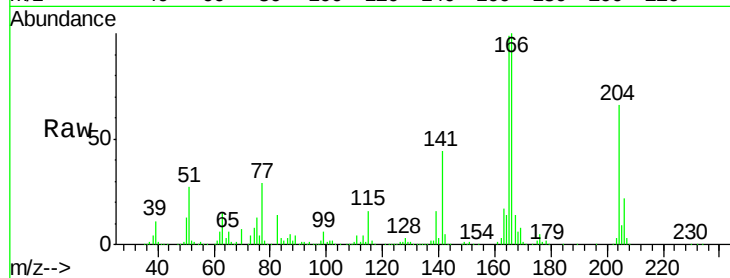
Tot Ion:204 Resp: 352410

Ion Ratio Lower Upper

204 100

206 33.0 25.4 38.0

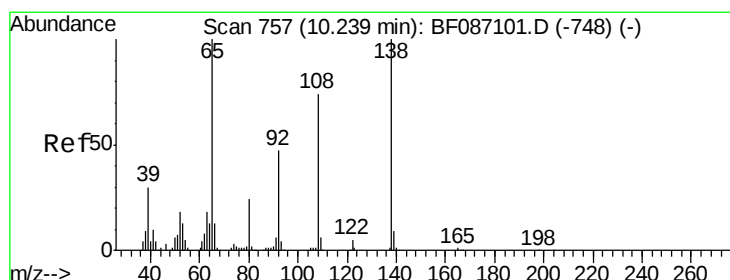
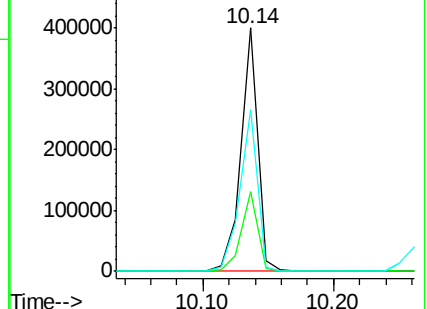
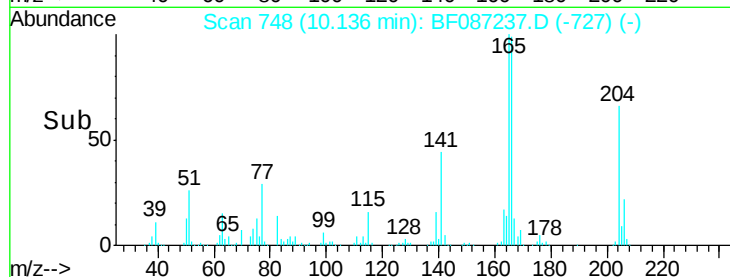
141 66.7 61.6 92.4



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: 39.14 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

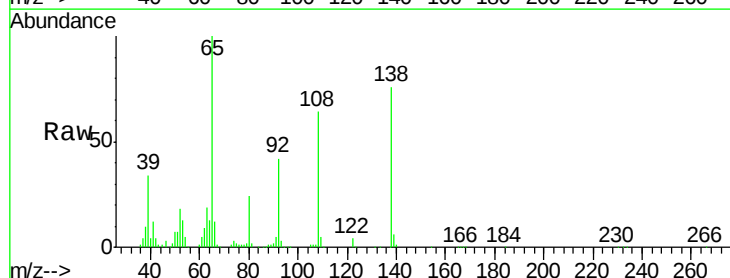
Tgt Ion:138 Resp: 182339

Ion Ratio Lower Upper

138 100

92 55.1 24.7 64.7

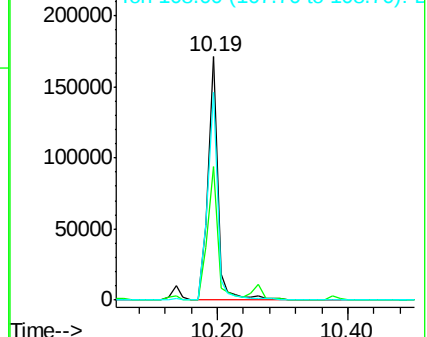
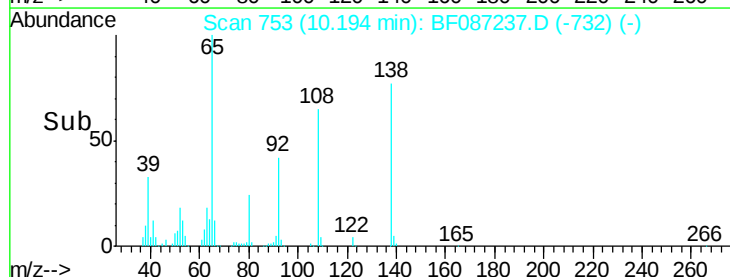
108 85.2 37.4 77.4#

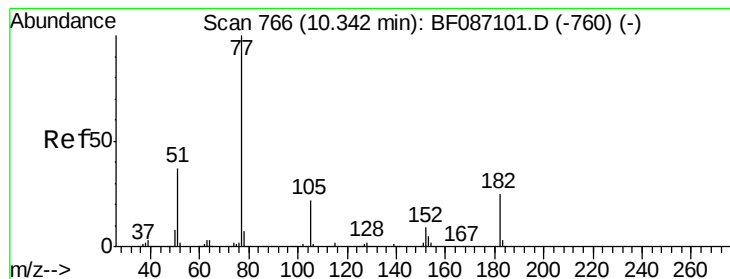


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 46.37 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

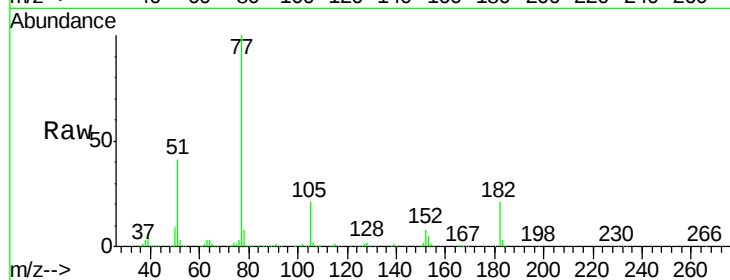
BNA_F

ClientSampleId :

PB90666BS

Tot Ion: 77 Resp: 1023700

Ion	Ratio	Lower	Upper
77	100		
182	21.2	0.0	38.8
105	20.9	3.2	43.2
51	40.6	8.8	48.8

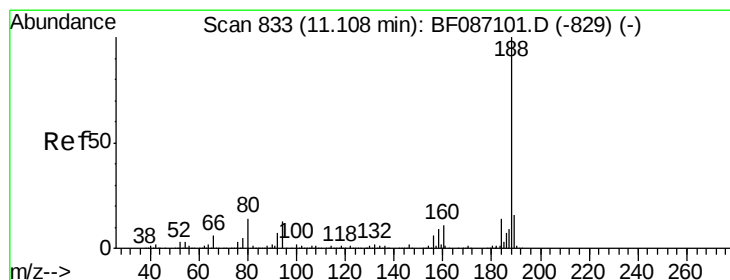
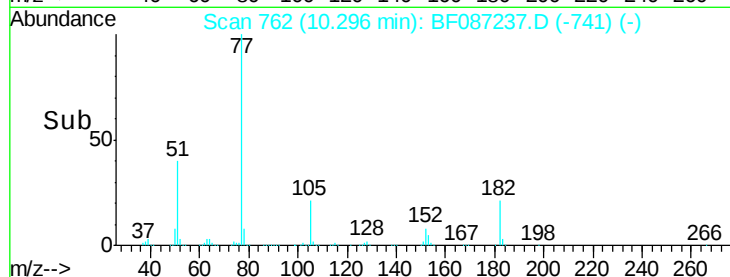


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

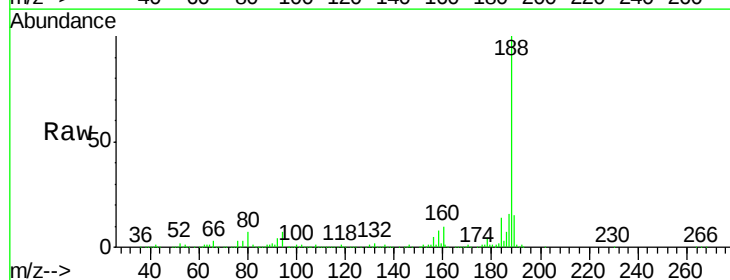
Delta R.T. -0.05 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Tgt Ion: 188 Resp: 517904

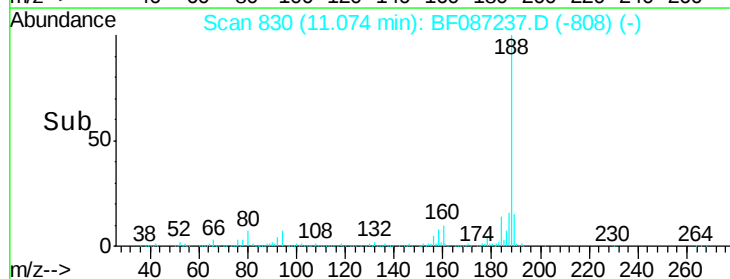
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.8	10.2
80	7.4	7.1	10.7

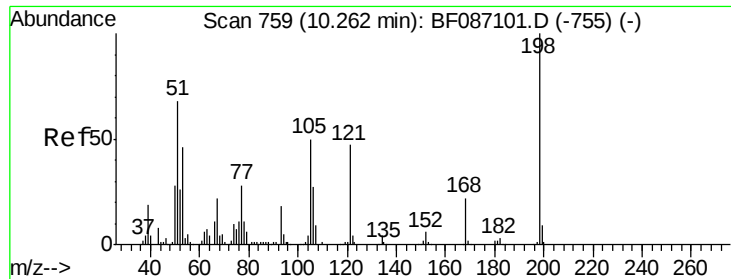


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

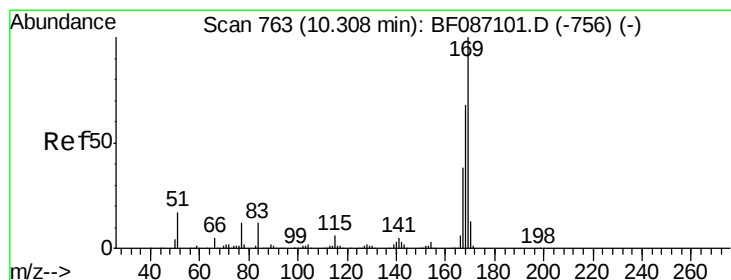
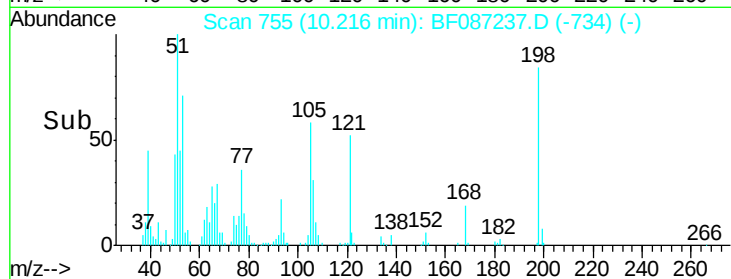
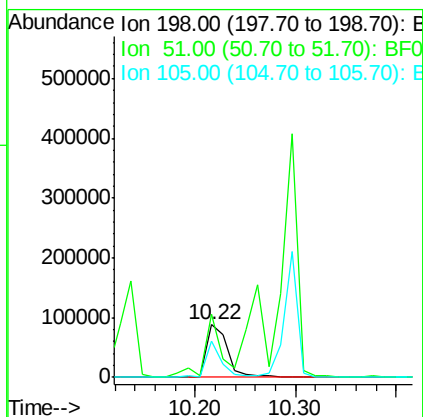
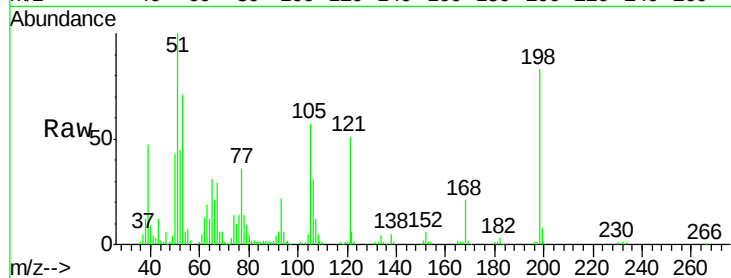




#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.38 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

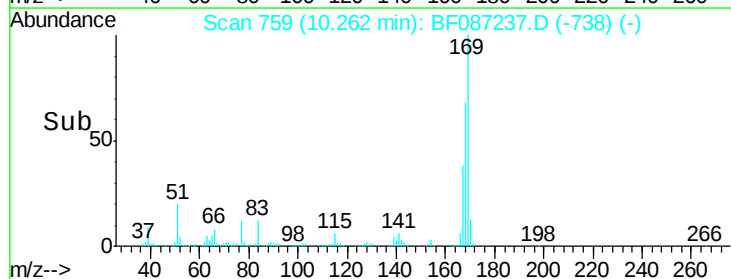
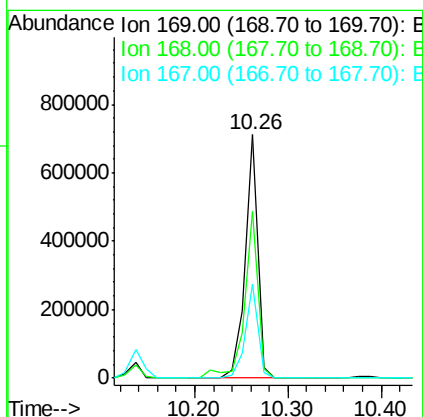
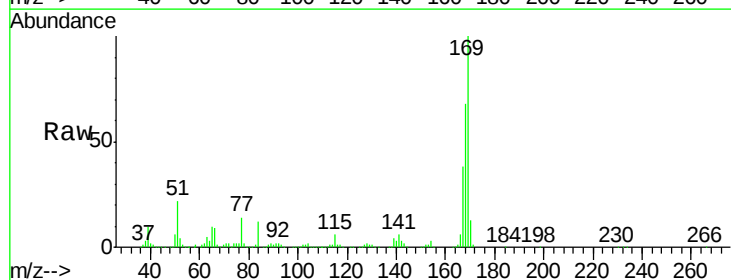
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BS

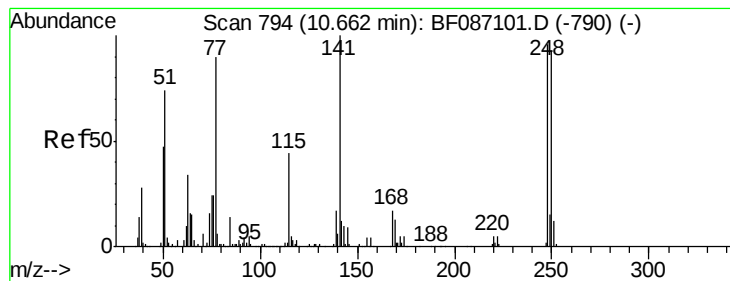
Tot Ion:198 Resp: 127491
 Ion Ratio Lower Upper
 198 100
 51 120.3 20.5 60.5#
 105 69.0 24.5 64.5#



#65
 n-Nitrosodiphenylamine
 Concen: 40.96 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.06 min
 Lab File: BF087237.D
 Acq: 20 May 2016 21:25

Tgt Ion:169 Resp: 667514
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.8 80.6
 167 38.4 29.5 44.3





#66

4-Bromophenyl-phenylether

Concen: 38.71 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

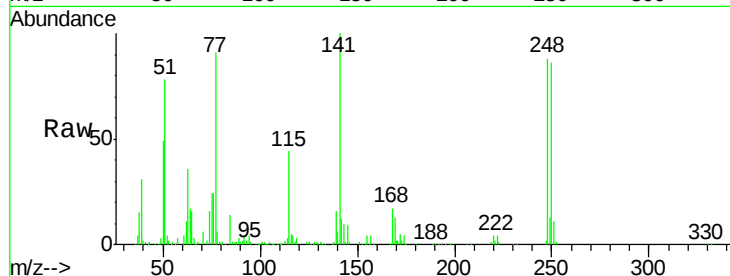
Tot Ion:248 Resp: 206137

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

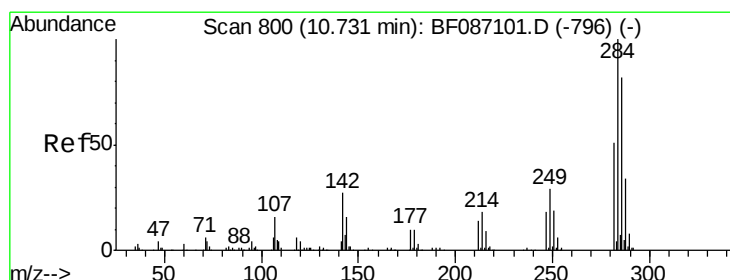
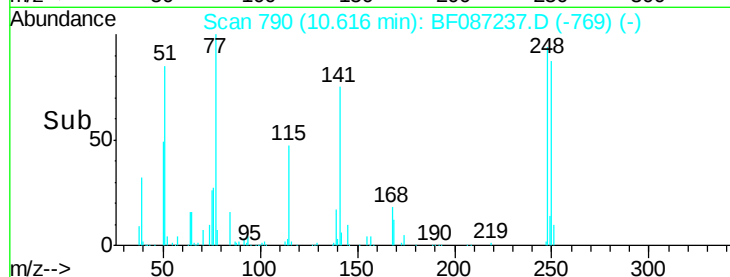
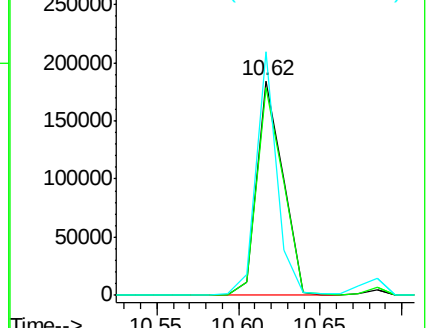
141 113.5 76.0 114.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 36.95 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

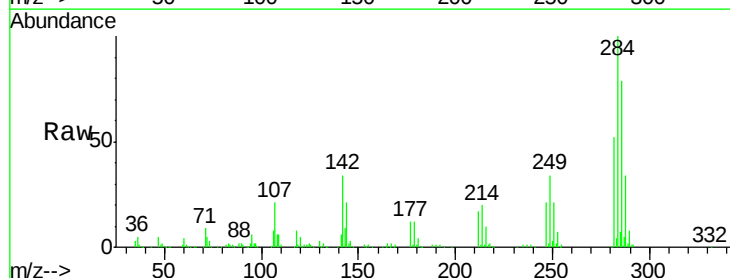
Tgt Ion:284 Resp: 228176

Ion Ratio Lower Upper

284 100

142 33.9 16.7 25.1#

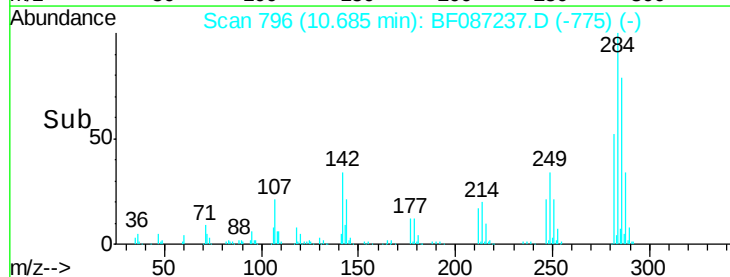
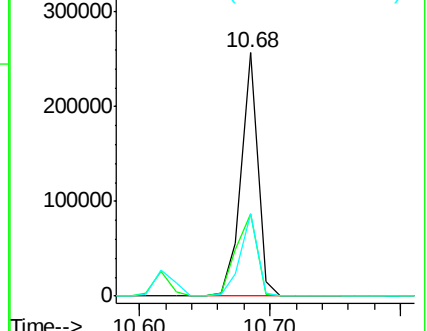
249 33.7 21.3 31.9#

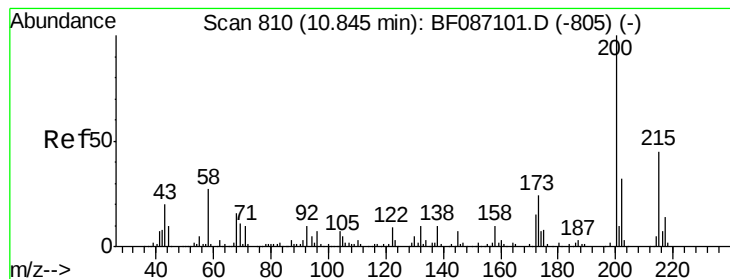


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 39.83 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampled :

PB90666BS

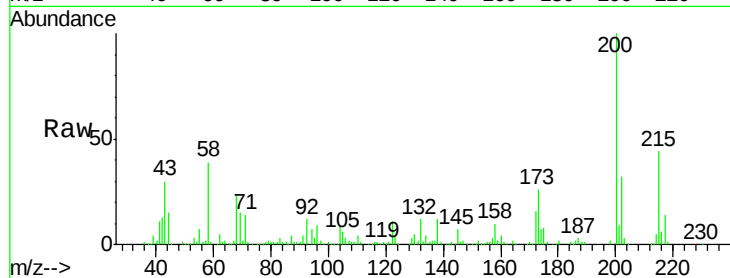
Tot Ion:200 Resp: 211746

Ion Ratio Lower Upper

200 100

173 26.1 8.5 48.5

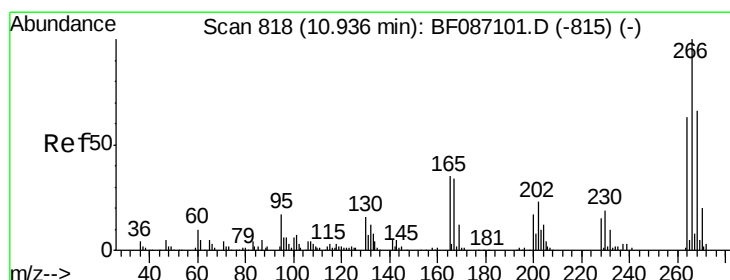
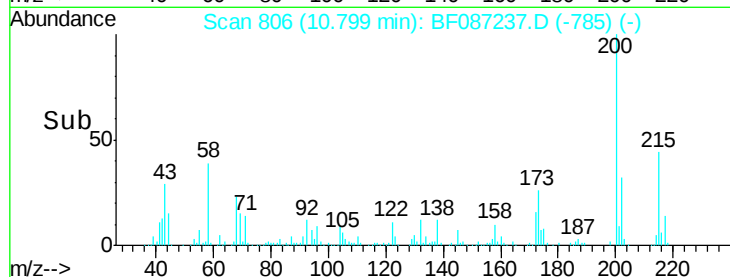
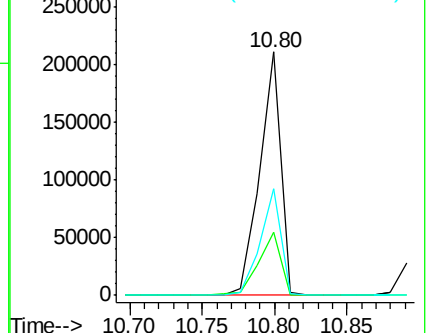
215 43.8 27.2 67.2



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: 73.84 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

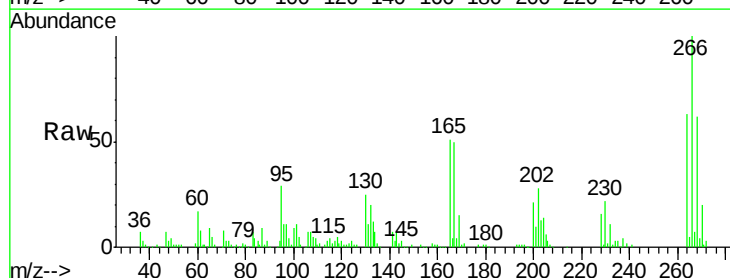
Tgt Ion:266 Resp: 171271

Ion Ratio Lower Upper

266 100

268 62.4 51.5 77.3

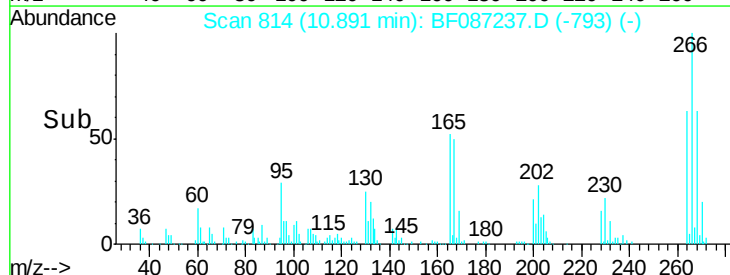
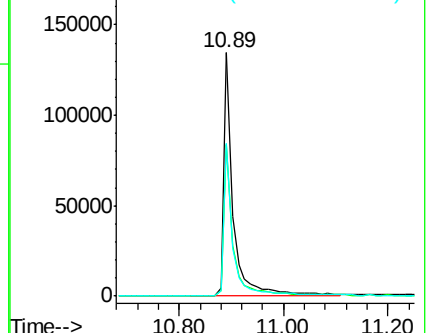
264 62.7 52.9 79.3

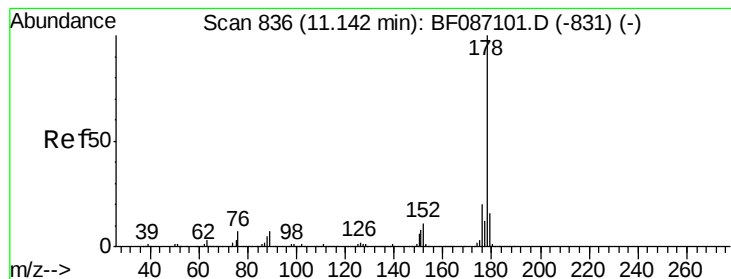


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 40.58 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

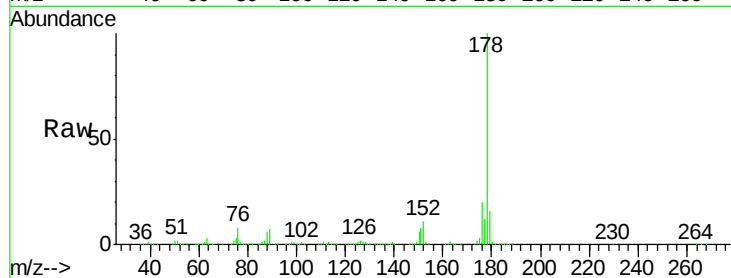
Tot Ion:178 Resp: 1139975

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

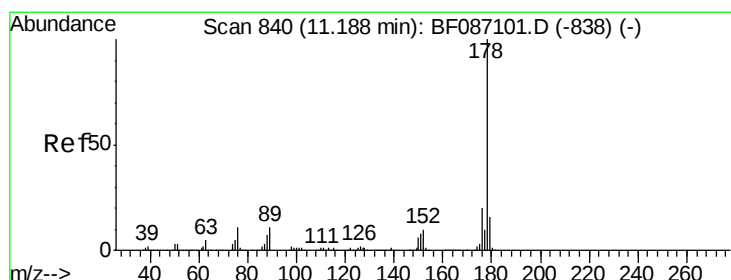
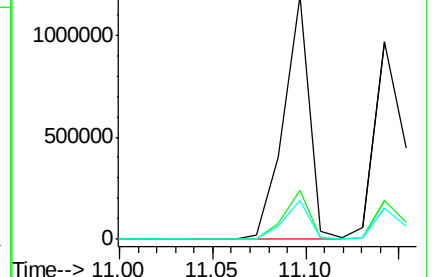
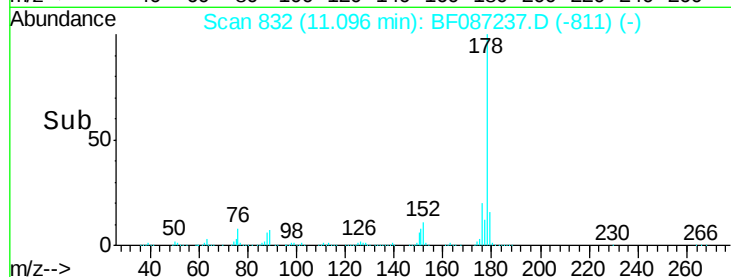
179 15.7 12.6 18.8



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: 36.55 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

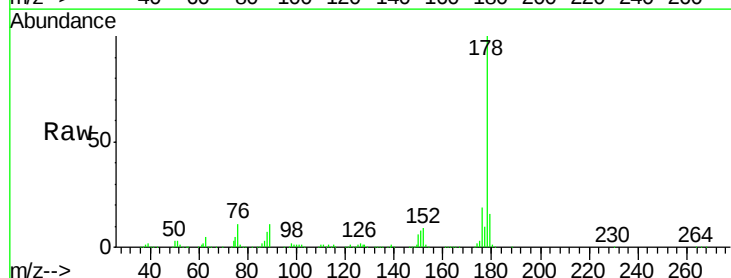
Tgt Ion:178 Resp: 1038499

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

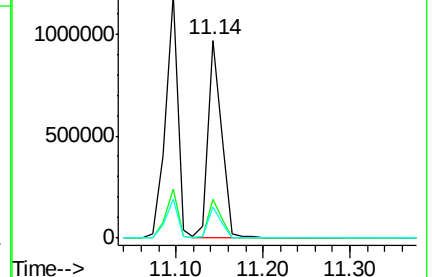
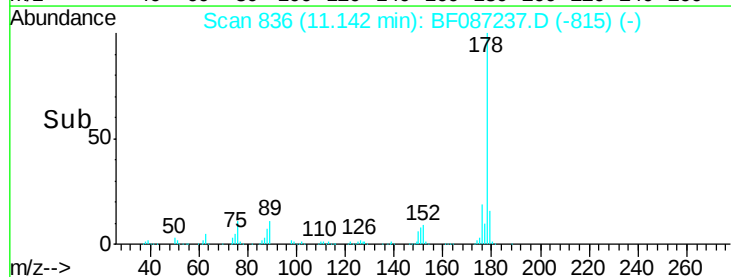
179 16.0 12.7 19.1

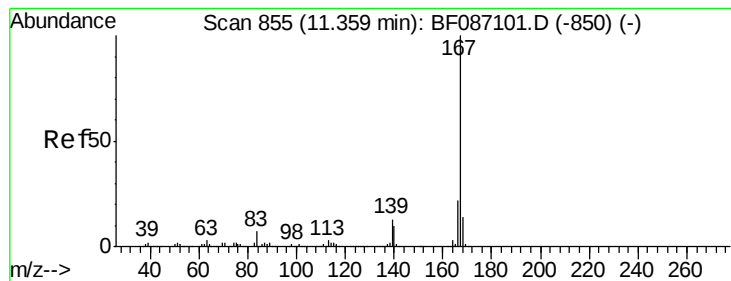


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.96 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

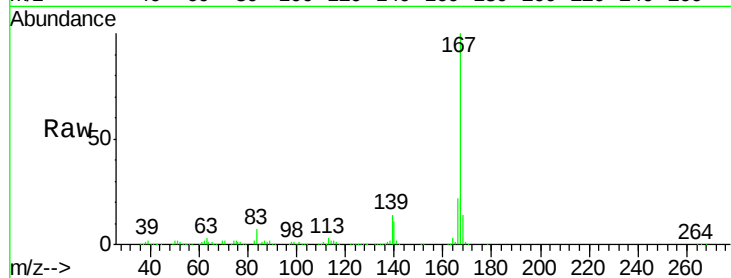
Tot Ion:167 Resp: 1062977

Ion Ratio Lower Upper

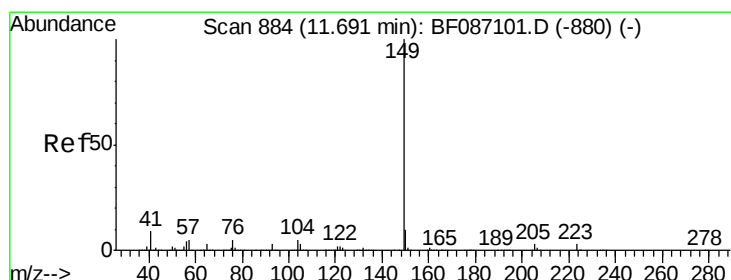
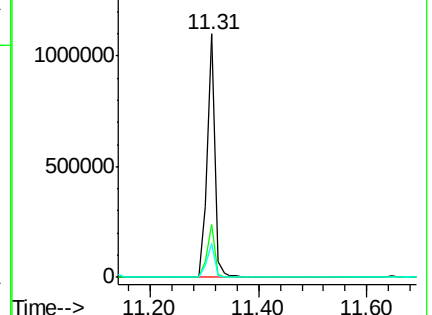
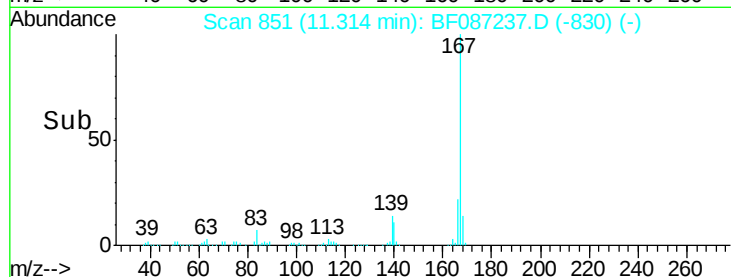
167 100

166 21.9 17.7 26.5

139 14.0 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: 44.37 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

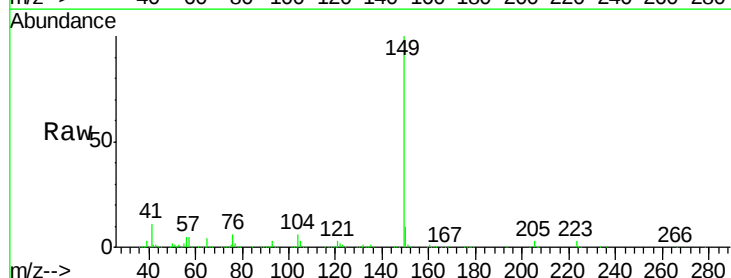
Tgt Ion:149 Resp: 1322639

Ion Ratio Lower Upper

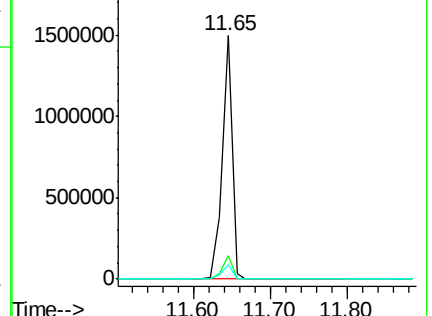
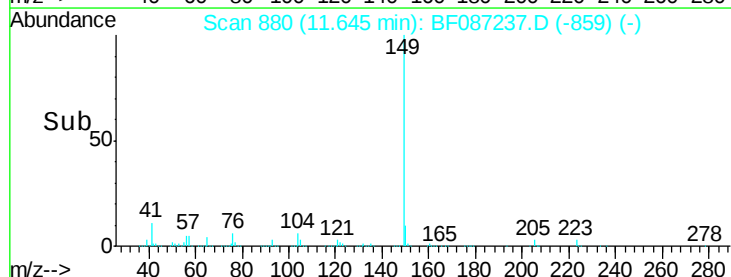
149 100

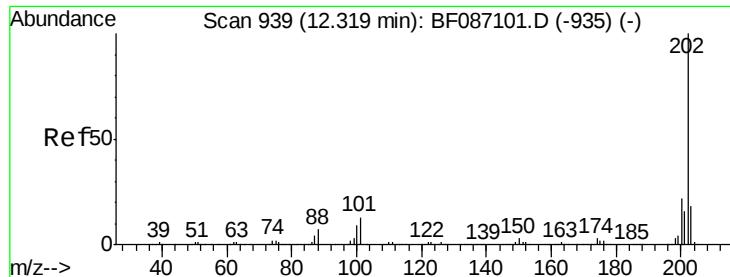
150 9.6 7.6 11.4

104 5.8 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: 39.05 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

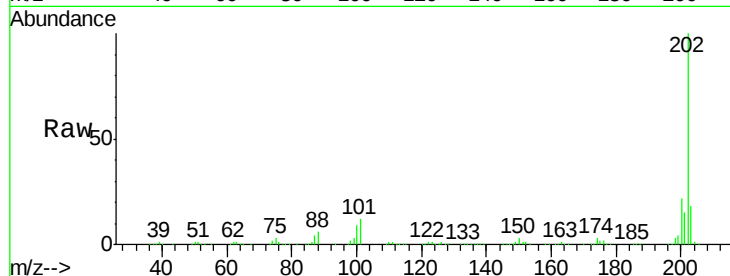
Tot Ion:202 Resp: 1098962

Ion Ratio Lower Upper

202 100

101 11.9 0.0 35.4

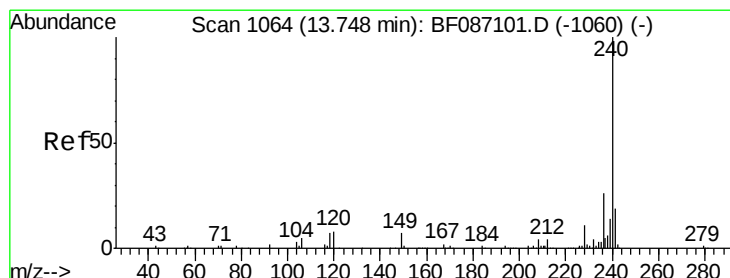
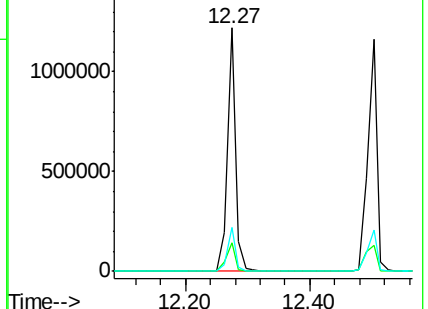
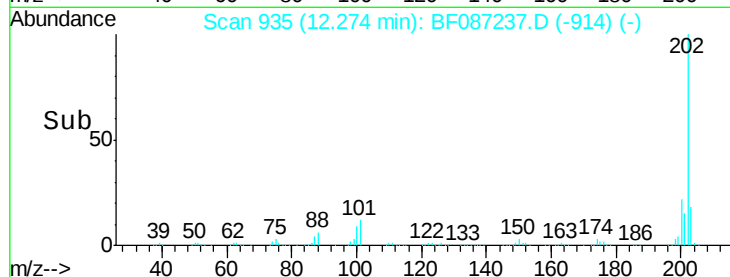
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

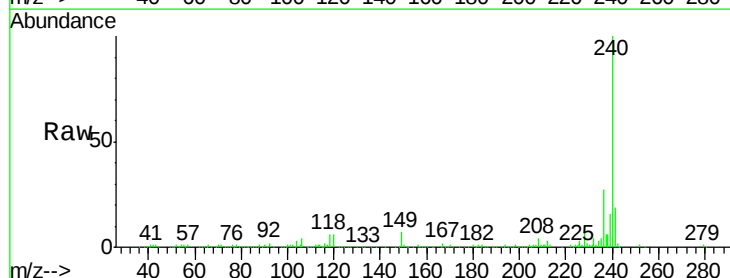
Tgt Ion:240 Resp: 355289

Ion Ratio Lower Upper

240 100

120 6.5 11.2 16.8#

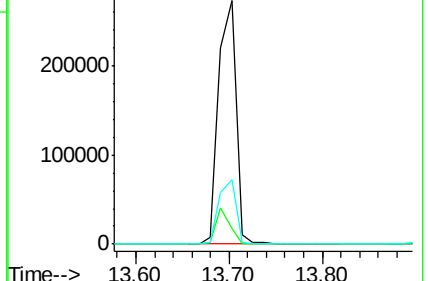
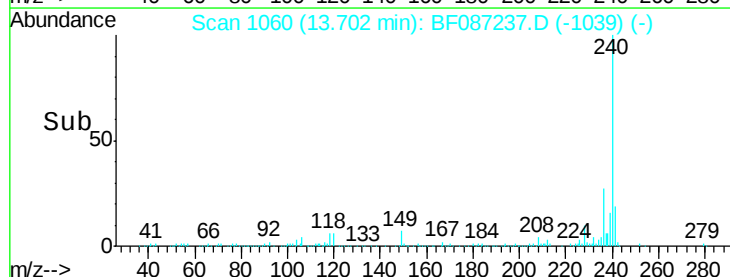
236 26.7 21.2 31.8

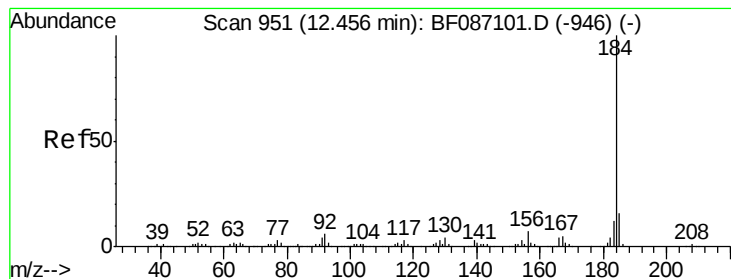


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.83 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

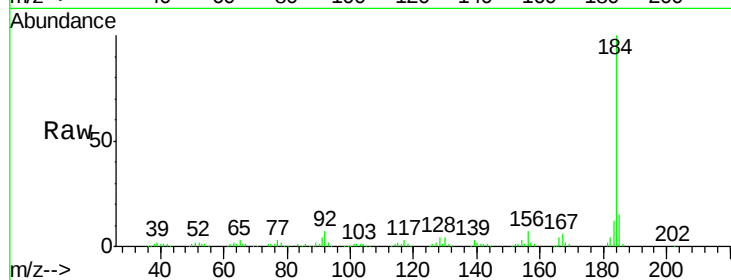
Tot Ion:184 Resp: 218722

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

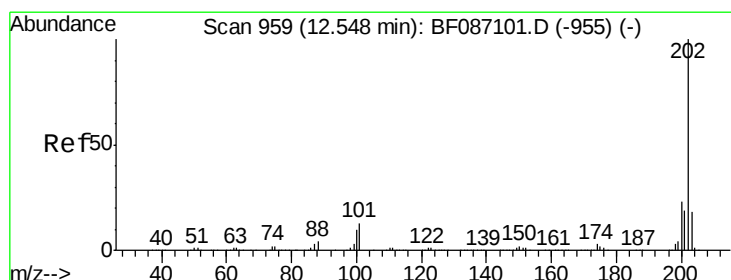
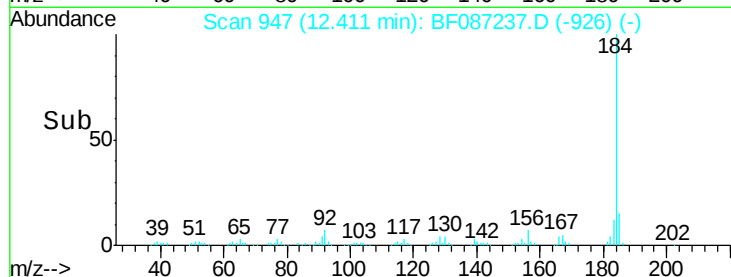
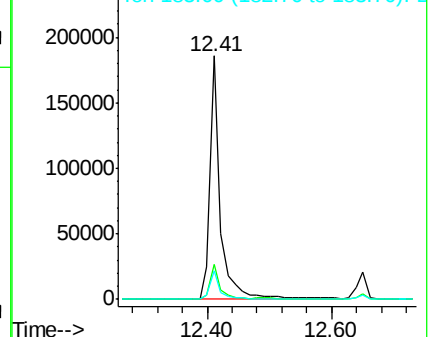
183 11.6 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 45.46 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

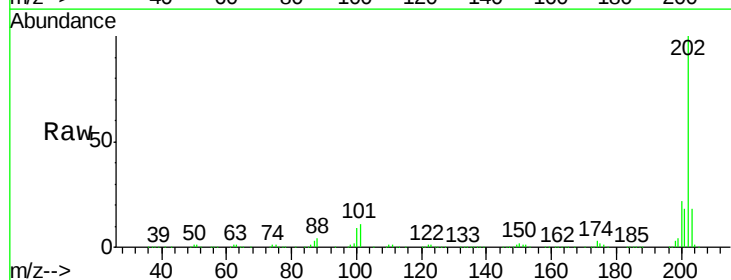
Tgt Ion:202 Resp: 1166772

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

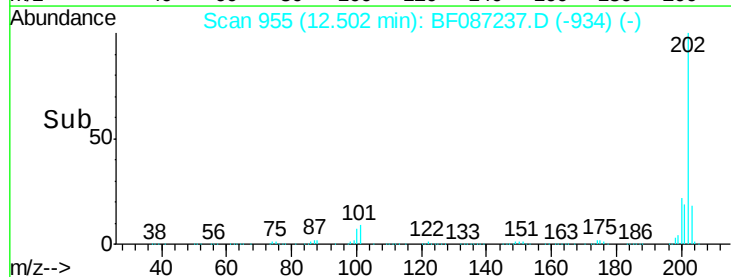
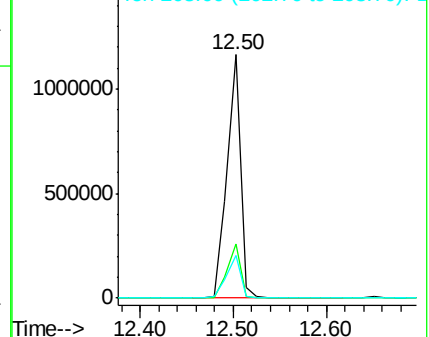
203 17.7 14.2 21.4

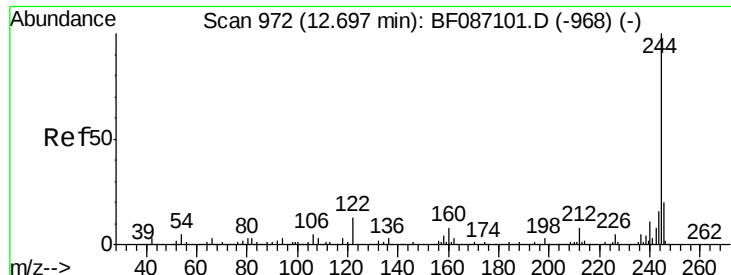


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.32 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

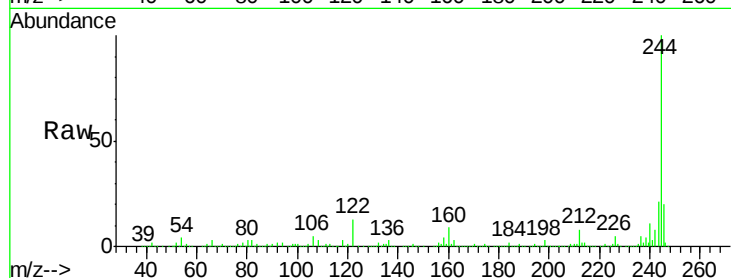
Tot Ion:244 Resp: 1324405

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

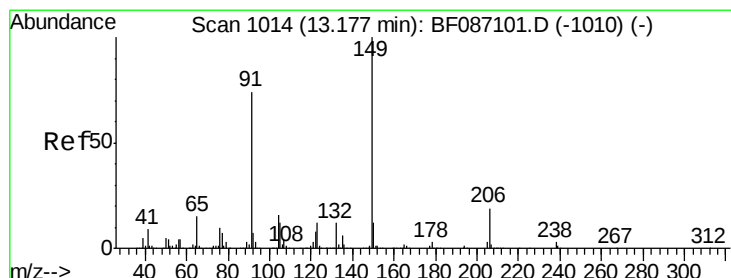
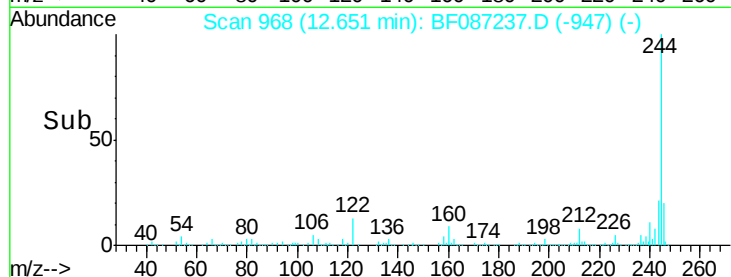
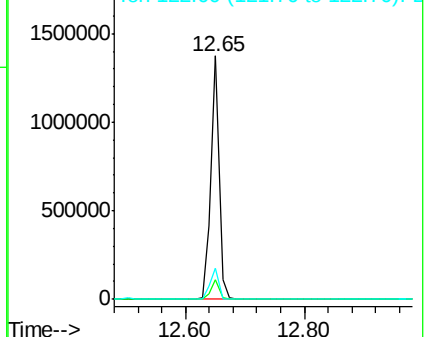
122 12.6 12.0 18.0



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: 50.68 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

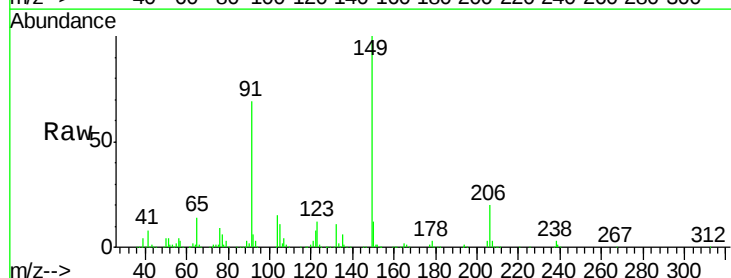
Tgt Ion:149 Resp: 549158

Ion Ratio Lower Upper

149 100

91 69.0 48.0 72.0

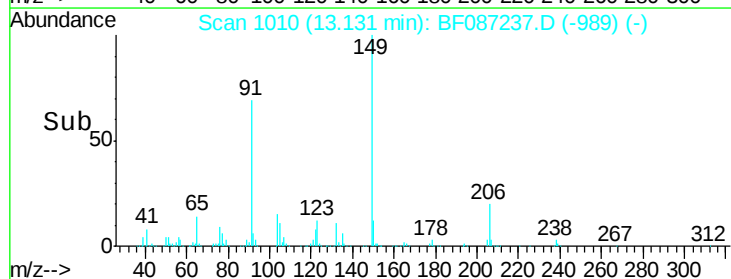
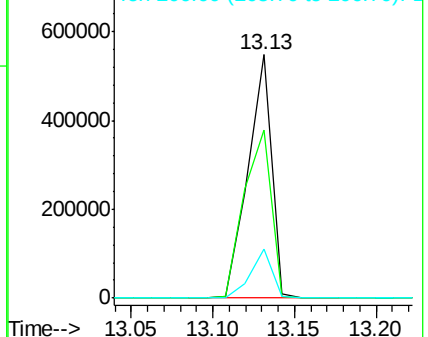
206 20.2 15.8 23.6

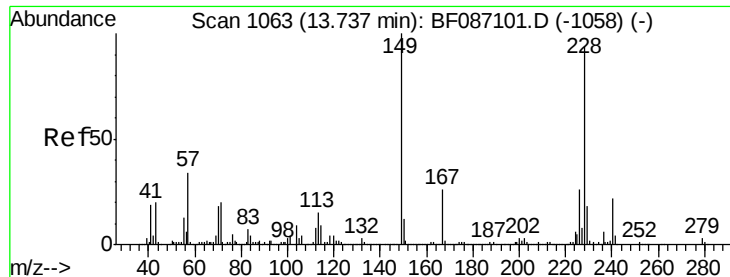


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.01 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

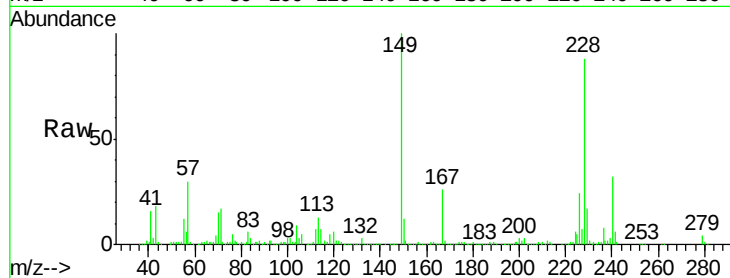
Tot Ion:228 Resp: 863033

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

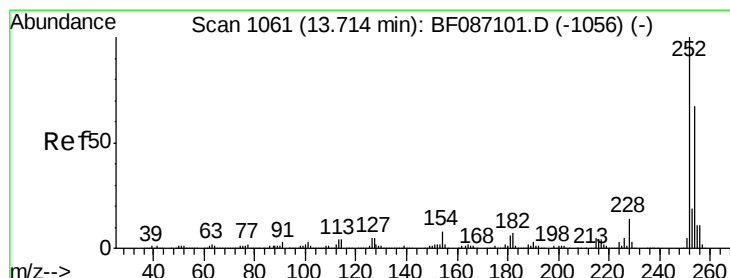
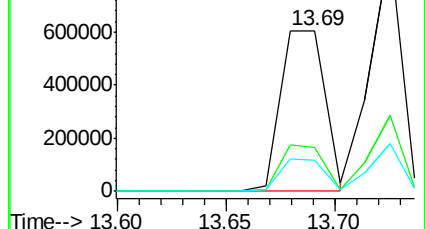
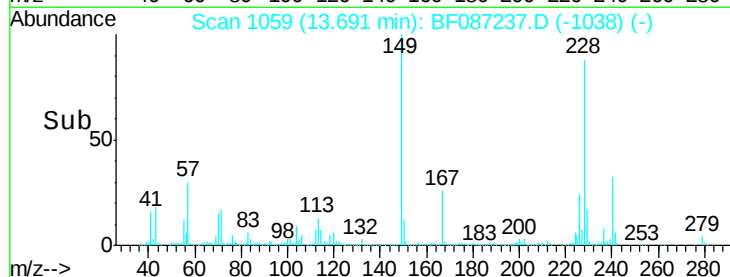
229 19.7 16.6 25.0



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: 13.75 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.07 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

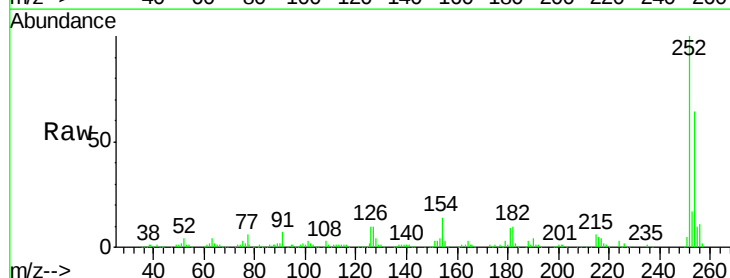
Tgt Ion:252 Resp: 179677

Ion Ratio Lower Upper

252 100

254 64.4 50.7 76.1

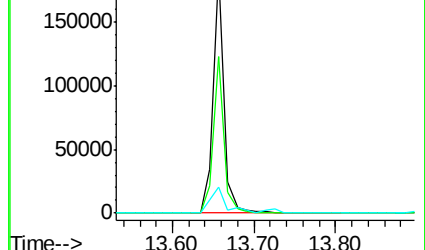
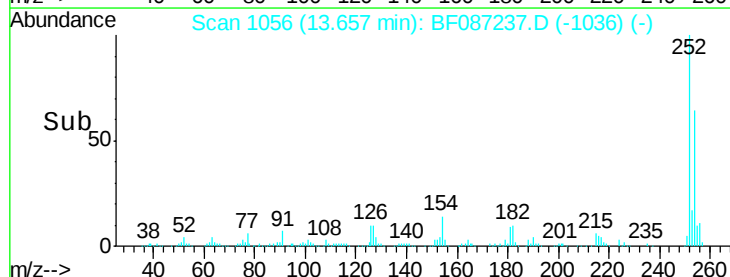
126 10.4 12.7 19.1#

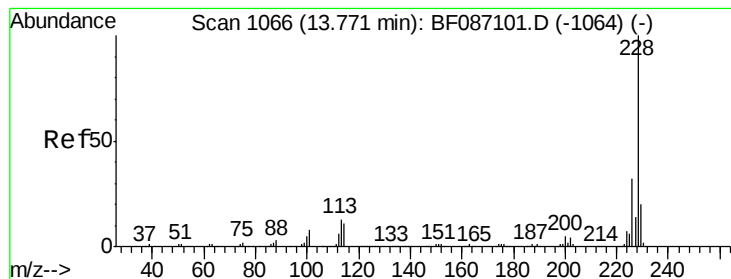


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 46.08 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

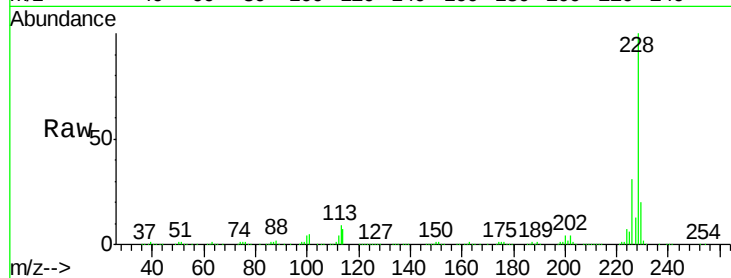
Tot Ion:228 Resp: 915975

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

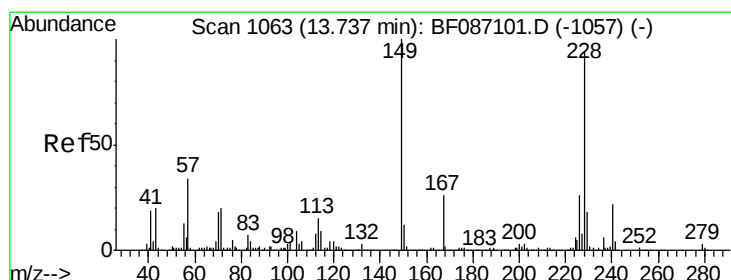
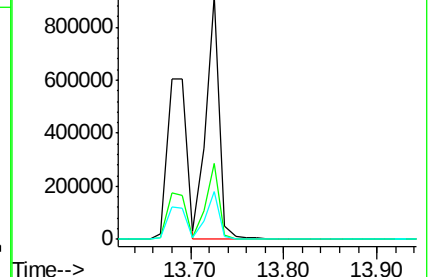
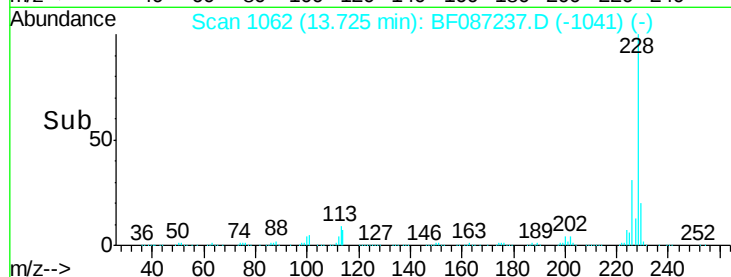
229 19.8 15.8 23.8



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: 52.33 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

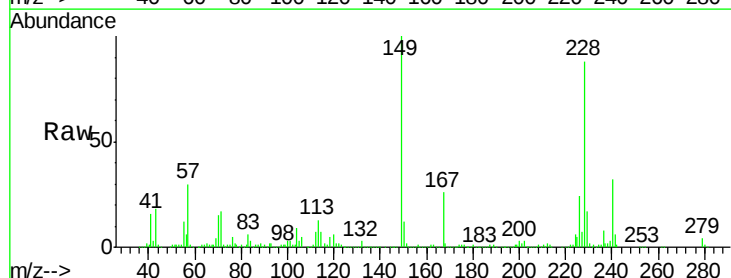
Tgt Ion:149 Resp: 690100

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

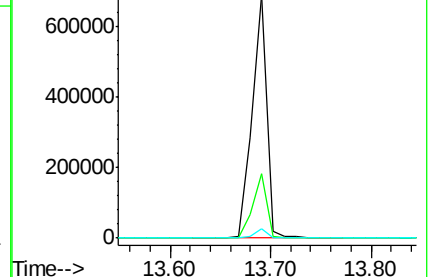
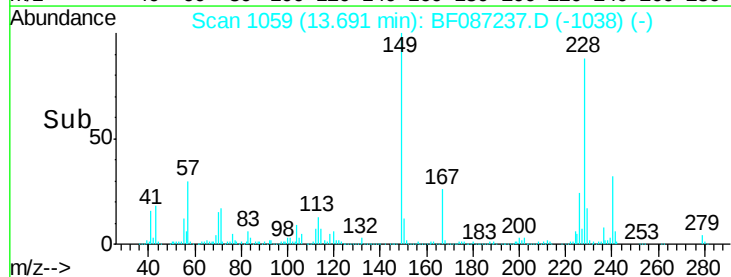
279 3.8 2.6 4.0

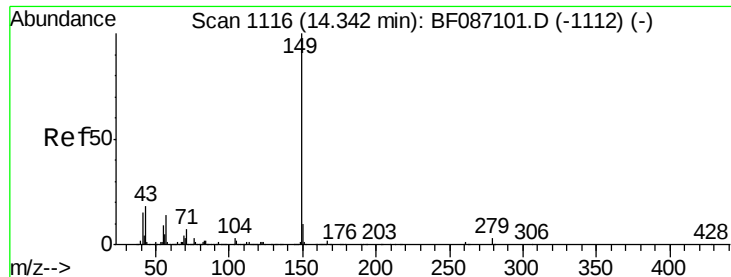


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

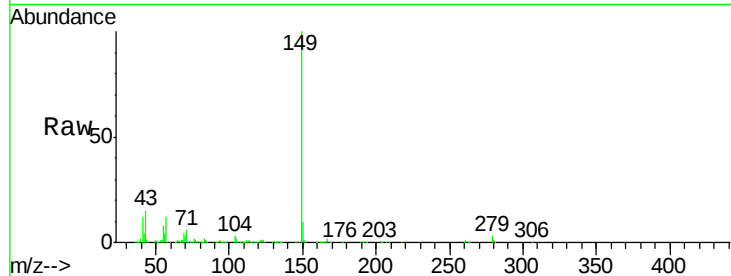




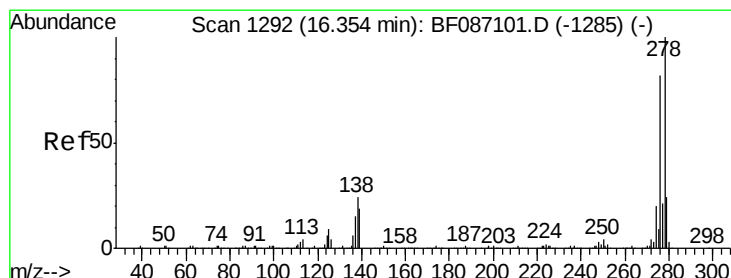
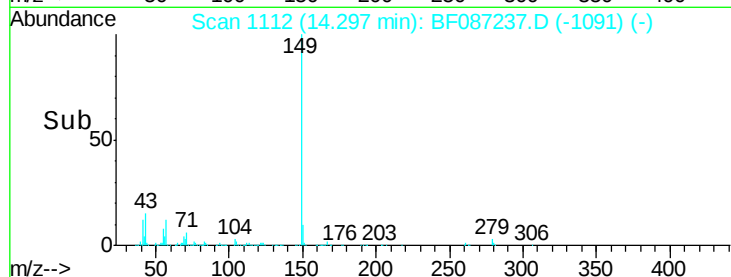
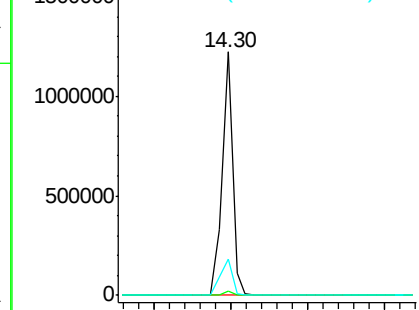
#84
Di-n-octyl phthalate
Concen: 50.73 ng
RT: 14.30 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Instrument :
BNA_F
ClientSampleId :
PB90666BS

Tot Ion:149 Resp: 1152330
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 16.9 8.2 12.4#

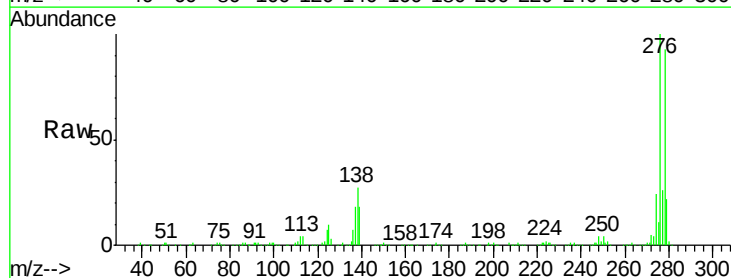


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

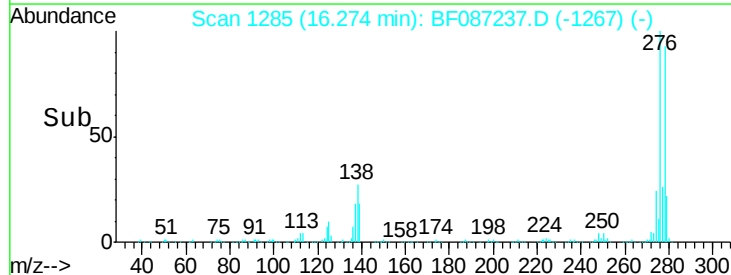
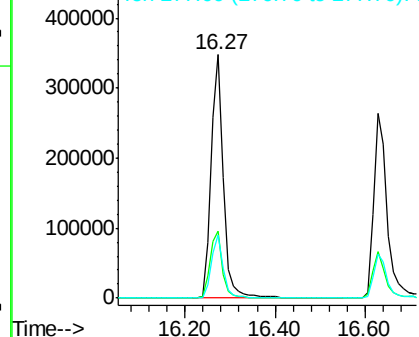


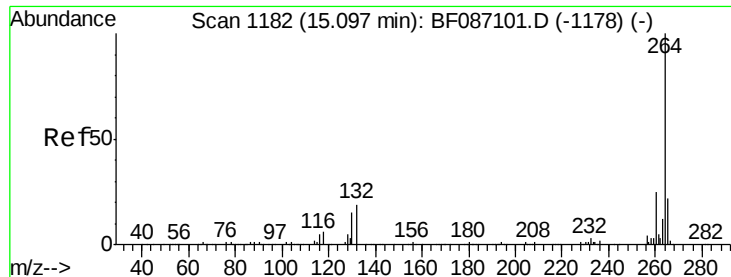
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.75 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion:276 Resp: 658523
Ion Ratio Lower Upper
276 100
138 28.1 25.6 38.4
277 25.4 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

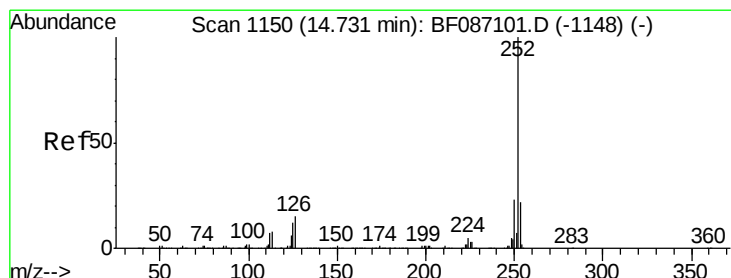
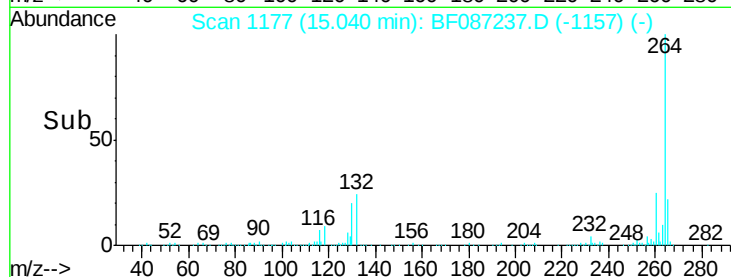
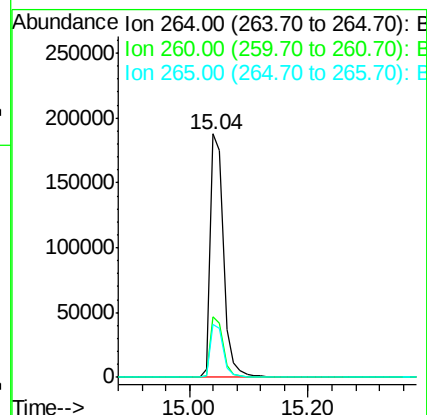
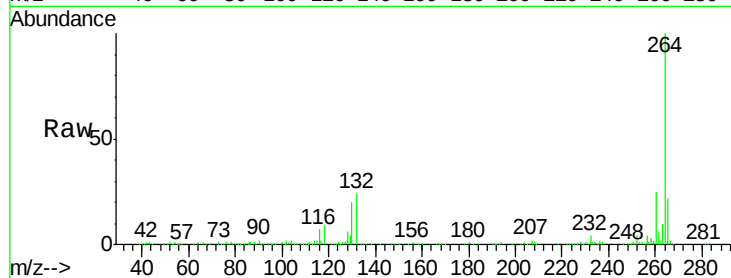




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

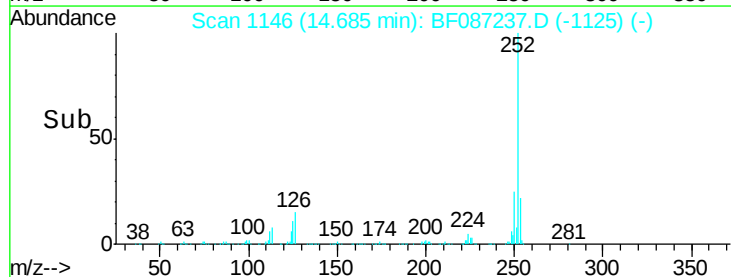
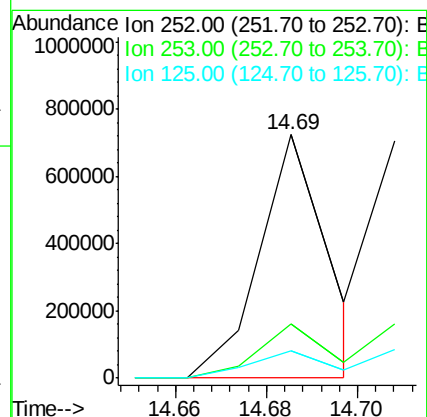
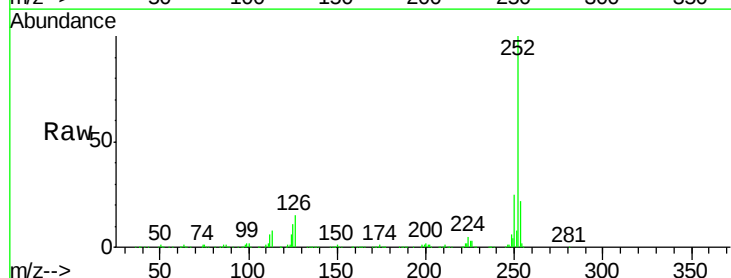
Instrument :
BNA_F
ClientSampleId :
PB90666BS

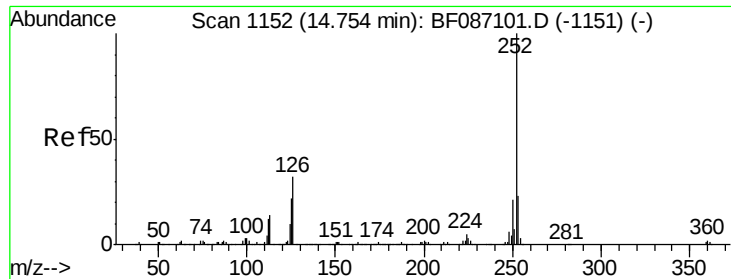
Tot Ion:264 Resp: 295879
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.5 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 38.15 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion:252 Resp: 748770
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.1 11.4 17.0#

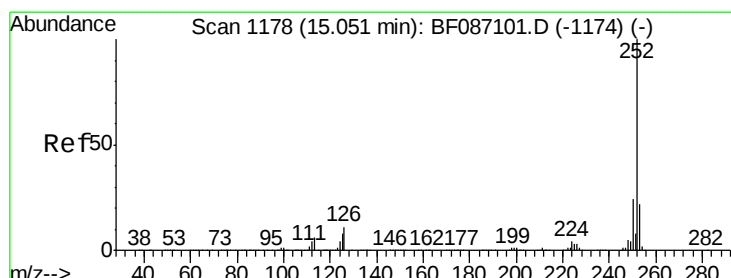
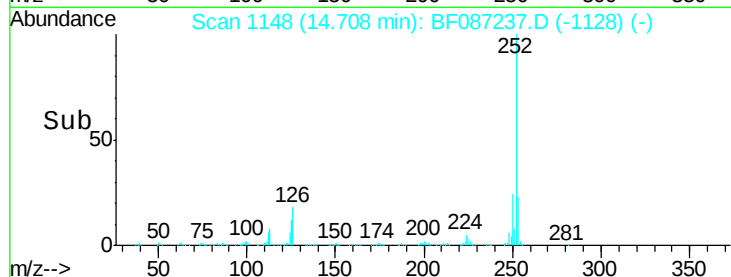
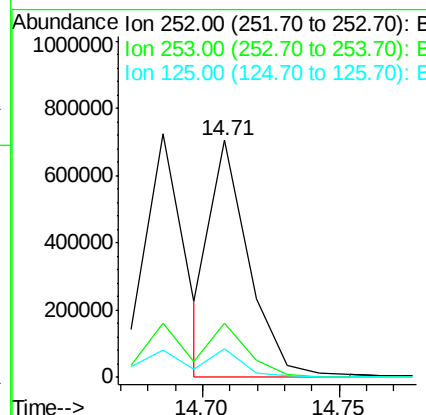
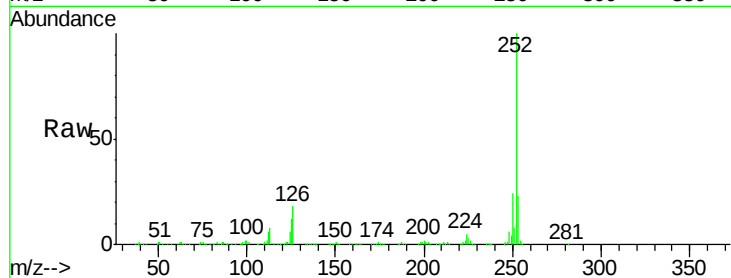




#88
Benzo(k)fluoranthene
Concen: 46.63 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

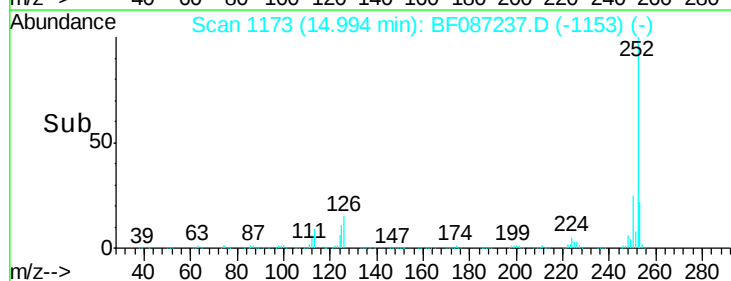
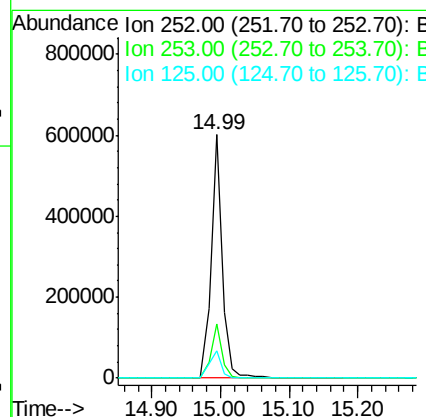
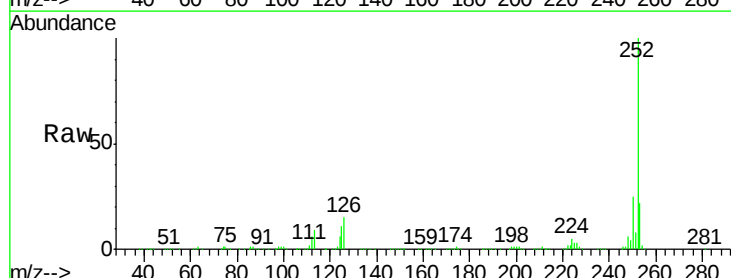
Instrument :
BNA_F
ClientSampleId :
PB90666BS

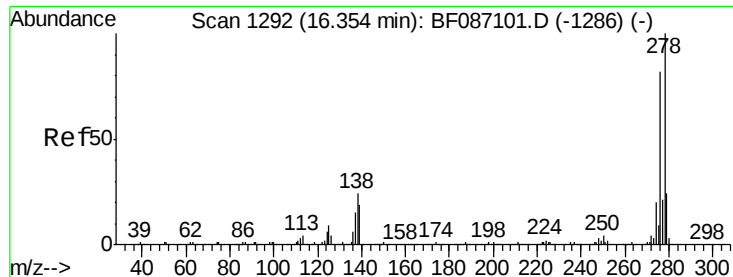
Tot Ion:252 Resp: 681350
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.3 9.1 13.7



#89
Benzo(a)pyrene
Concen: 41.29 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087237.D
Acq: 20 May 2016 21:25

Tgt Ion:252 Resp: 677448
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.4 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 40.23 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.10 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

Instrument :

BNA_F

ClientSampleId :

PB90666BS

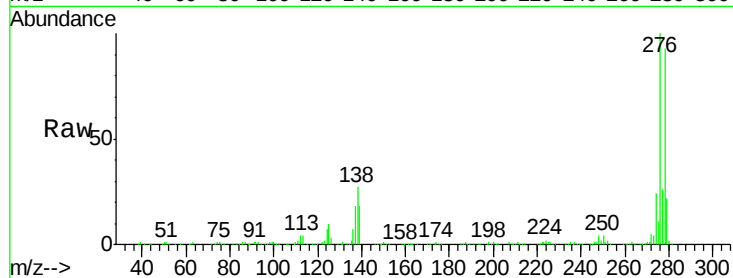
Tot Ion:278 Resp: 555673

Ion Ratio Lower Upper

278 100

139 18.9 16.6 24.8

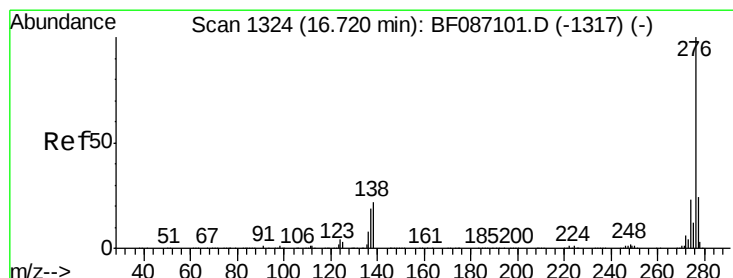
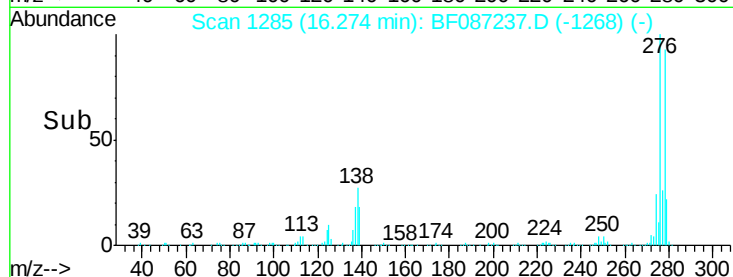
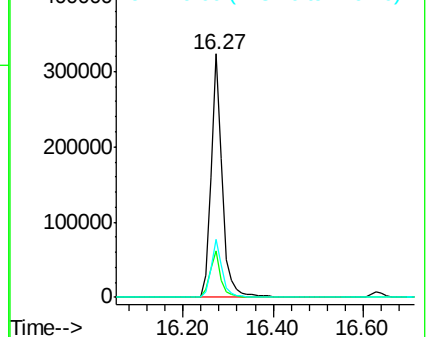
279 23.9 19.6 29.4



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: 39.38 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF087237.D

Acq: 20 May 2016 21:25

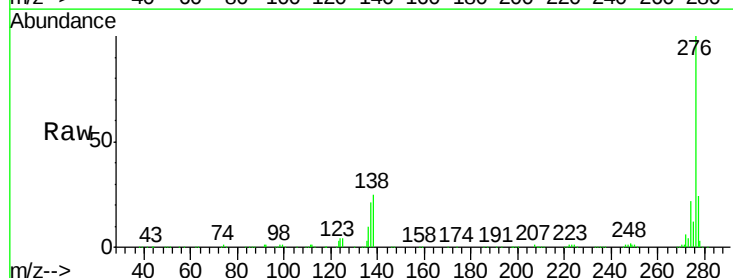
Tgt Ion:276 Resp: 549424

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 25.2 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

