

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086424.D
 Acq On : 27 Apr 2016 15:15
 Operator : UM/SJ
 Sample : PB90056BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Quant Time: Apr 28 12:56:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118563	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490882	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	245404	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	445008	20.00	ng	0.00
75) Chrysene-d12	13.96	240	319841	20.00	ng	0.00
86) Perylene-d12	15.36	264	257808	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	782497	113.84	ng	0.01
7) Phenol-d6	6.44	99	1057735	110.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	691584	75.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	316833	122.43	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1256358	90.94	ng	0.00
78) Terphenyl-d14	12.91	244	1155135	79.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	108824	30.14	ng	# 77
3) Pyridine	3.13	79	299362	35.03	ng	# 76
4) n-Nitrosodimethylamine	3.07	42	189995	39.01	ng	# 59
6) Aniline	6.46	93	399317	34.40	ng	98
8) 2-Chlorophenol	6.59	128	336511	39.31	ng	98
9) Benzaldehyde	6.35	77	57596	10.32	ng	92
10) Phenol	6.45	94	421826	39.41	ng	79
11) bis(2-Chloroethyl)ether	6.54	93	369708	39.96	ng	93
12) 1,3-Dichlorobenzene	6.98	146	302732	32.87	ng	97
13) 1,4-Dichlorobenzene	6.82	146	341554	35.95	ng	95
14) 1,2-Dichlorobenzene	6.98	146	320876	36.82	ng	95
15) Benzyl Alcohol	6.94	79	264874	43.64	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	696377	37.60	ng	89
17) 2-Methylphenol	7.07	107	280344	40.51	ng	97
18) Hexachloroethane	7.32	117	129085	36.36	ng	# 78
19) n-Nitroso-di-n-propylamine	7.22	70	246868	38.93	ng	# 70
20) 3+4-Methylphenols	7.22	107	318880	40.36	ng	99
22) Acetophenone	7.22	105	453671	42.15	ng	# 88
24) Nitrobenzene	7.39	77	380700	40.64	ng	98
25) Isophorone	7.63	82	688568	39.29	ng	99
26) 2-Nitrophenol	7.71	139	178306	41.34	ng	97
27) 2,4-Dimethylphenol	7.74	122	296090	39.12	ng	91
28) bis(2-Chloroethoxy)methane	7.85	93	435996	45.66	ng	99
29) 2,4-Dichlorophenol	7.95	162	281339	44.06	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	283397	38.26	ng	96
31) Naphthalene	8.11	128	968383	38.77	ng	99
32) Benzoic acid	7.88	122	147246	35.03	ng	96
33) 4-Chloroaniline	8.17	127	299820	32.05	ng	99
34) Hexachlorobutadiene	8.24	225	162457	39.12	ng	98
35) Caprolactam	8.53	113	52825	24.80	ng	# 67
36) 4-Chloro-3-methylphenol	8.65	107	303402	41.50	ng	93
37) 2-Methylnaphthalene	8.81	142	641979	43.56	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	243071	34.60	ng	# 97
40) Hexachlorocyclopentadiene	8.96	237	281320	80.59	ng	96

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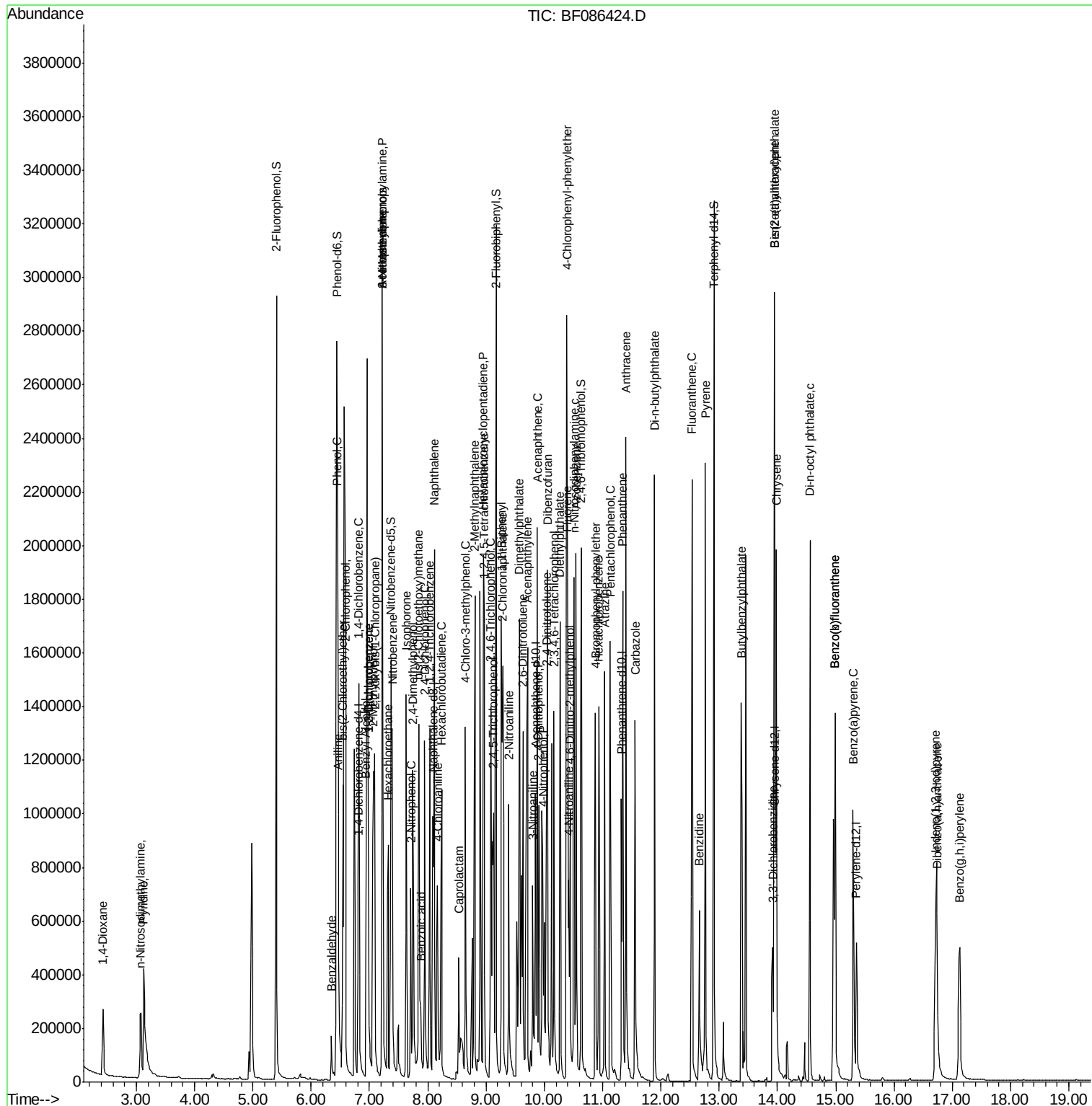
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	179493	40.42	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	191657	39.60	nq	95
45) 1,1'-Biphenyl	9.26	154	762258	37.16	nq	96
46) 2-Chloronaphthalene	9.29	162	576293	36.95	nq	92
47) 2-Nitroaniline	9.39	65	222151	44.42	nq	89
48) Acenaphthylene	9.71	152	952763	39.08	nq	99
49) Dimethylphthalate	9.57	163	688001	37.24	nq	100
50) 2,6-Dinitrotoluene	9.63	165	144840	37.95	nq	# 82
51) Acenaphthene	9.88	154	682623	43.59	nq	99
52) 3-Nitroaniline	9.80	138	139968	32.25	nq	93
53) 2,4-Dinitrophenol	9.90	184	150199	72.76	nq	# 74
54) Dibenzofuran	10.05	168	850105	43.44	nq	100
55) 4-Nitrophenol	9.97	139	246410	86.70	nq	94
56) 2,4-Dinitrotoluene	10.04	165	200426	41.19	nq	# 79
57) Fluorene	10.40	166	643218	37.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	174341	46.08	nq	96
59) Diethylphthalate	10.27	149	641079	36.66	nq	100
60) 4-Chlorophenyl-phenylether	10.38	204	294758	38.21	nq	92
61) 4-Nitroaniline	10.42	138	177611	41.86	nq	85
62) Azobenzene	10.54	77	807573	42.16	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	105426	40.35	nq	# 60
65) n-Nitrosodiphenylamine	10.51	169	588634	42.32	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	193795	42.26	nq	# 88
67) Hexachlorobenzene	10.93	284	202280	38.11	nq	# 68
68) Atrazine	11.04	200	192031	45.98	nq	96
69) Pentachlorophenol	11.13	266	216600	77.40	nq	97
70) Phenanthrene	11.34	178	919913	39.39	nq	100
71) Anthracene	11.40	178	1013957	40.68	nq	100
72) Carbazole	11.56	167	926358	41.94	nq	99
73) Di-n-butylphthalate	11.89	149	1075132	42.96	nq	99
74) Fluoranthene	12.53	202	995804	42.24	nq	97
76) Benzidine	12.66	184	383466	34.89	nq	97
77) Pyrene	12.76	202	998561	43.33	nq	99
79) Butylbenzylphthalate	13.38	149	424734	42.55	nq	# 63
80) Benzo(a)anthracene	13.95	228	697840	40.92	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	177687	15.59	nq	# 96
82) Chrysene	13.99	228	821646	44.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	529657	42.75	nq	# 99
84) Di-n-octyl phthalate	14.56	149	906807	46.74	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.72	276	559908	40.77	nq	97
87) Benzo(b)fluoranthene	14.99	252	1302720	85.89	nq	97
88) Benzo(k)fluoranthene	14.99	252	1303459	82.40	nq	99
89) Benzo(a)pyrene	15.30	252	587226	41.01	nq	# 96
90) Dibenzo(a,h)anthracene	16.74	278	469303	40.05	nq	# 95
91) Benzo(g,h,i)perylene	17.13	276	466567	39.73	nq	93

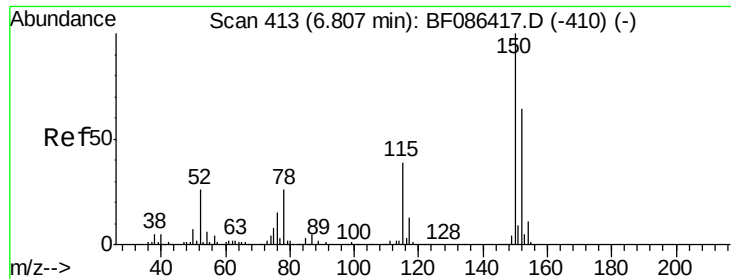
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

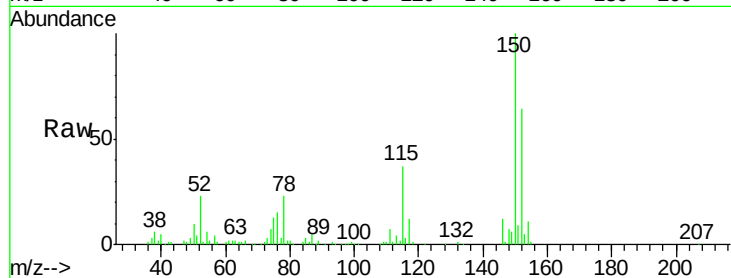
Tot Ion:152 Resp: 118563

Ion Ratio Lower Upper

152 100

150 157.3 125.8 188.6

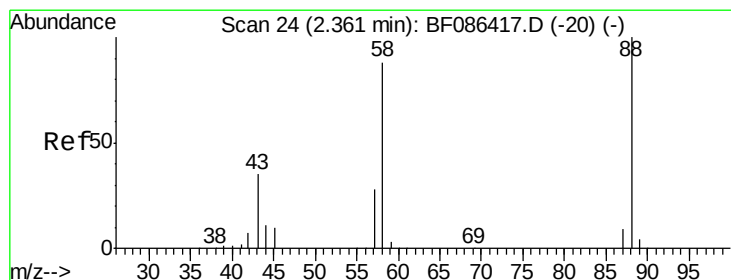
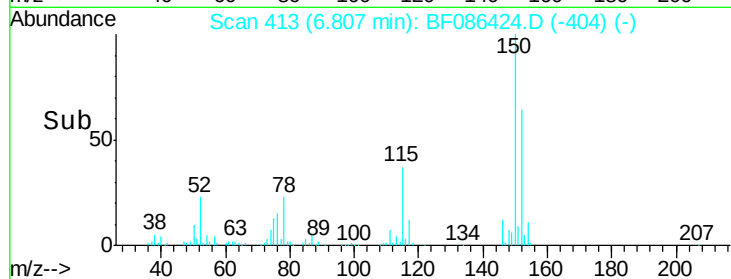
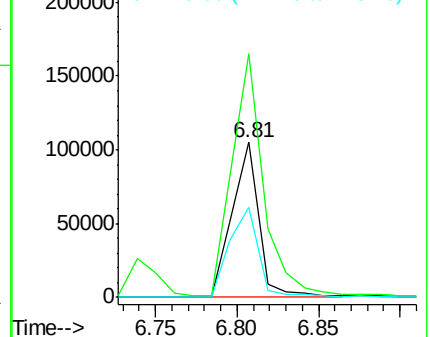
115 58.5 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.14 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.07 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

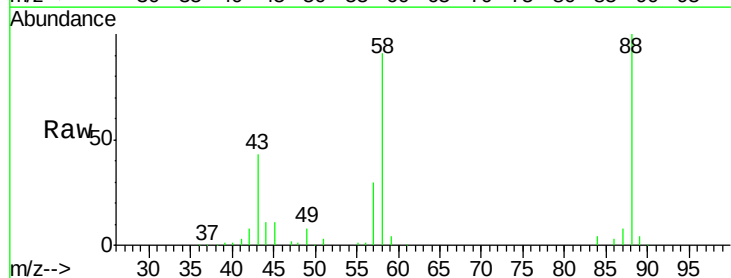
Tgt Ion: 88 Resp: 108824

Ion Ratio Lower Upper

88 100

58 90.8 59.6 89.4#

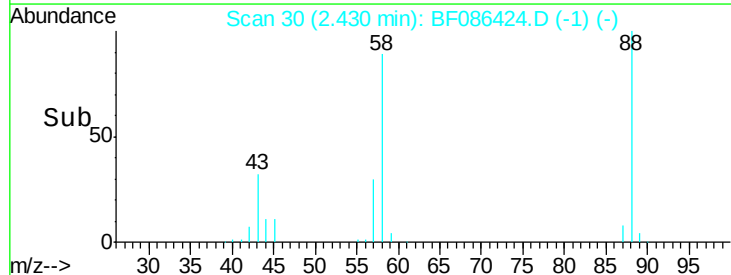
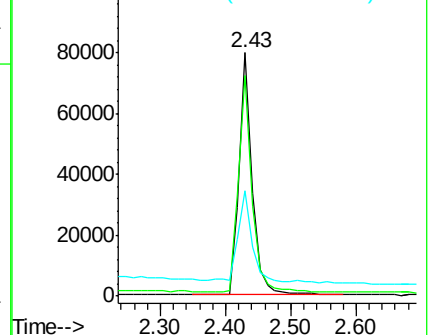
43 43.8 21.8 32.6#

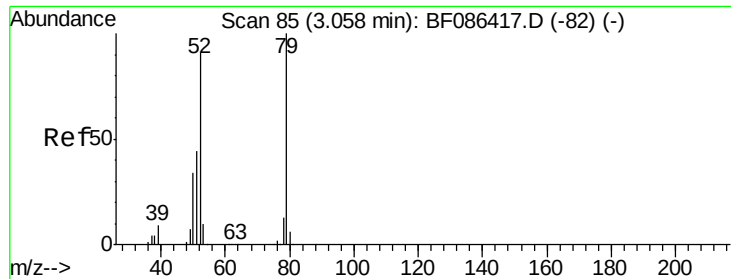


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.03 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

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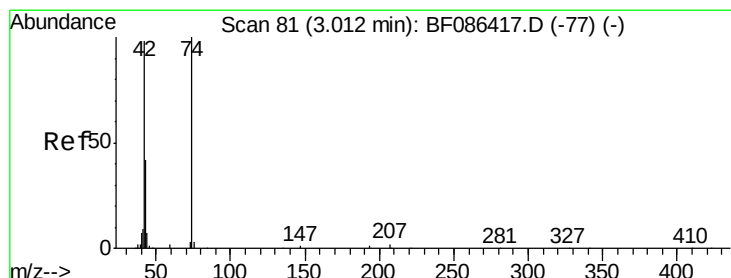
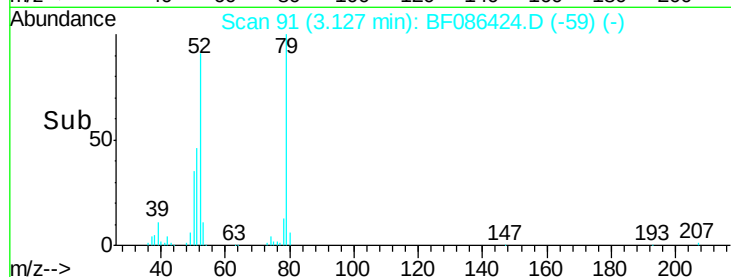
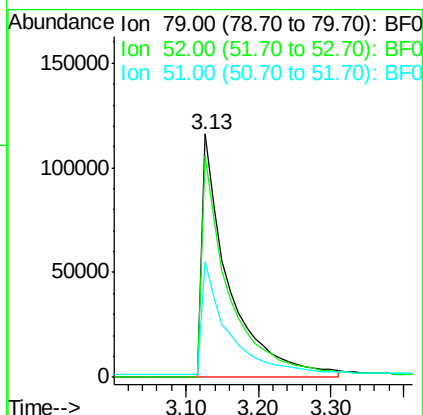
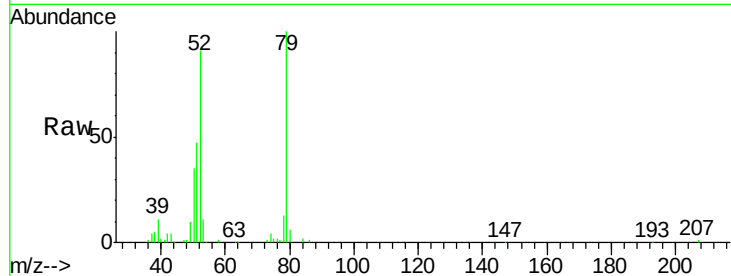
Tot Ion: 79 Resp: 299362

Ion Ratio Lower Upper

79 100

52 91.1 55.9 83.9#

51 47.3 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.01 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

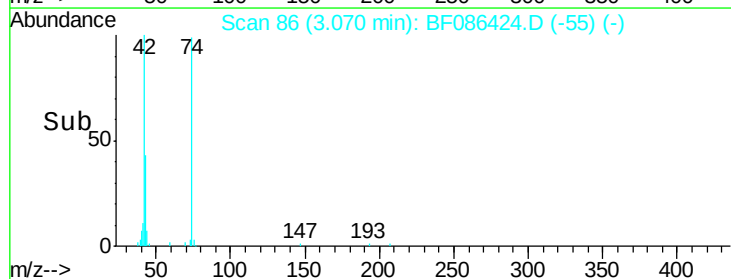
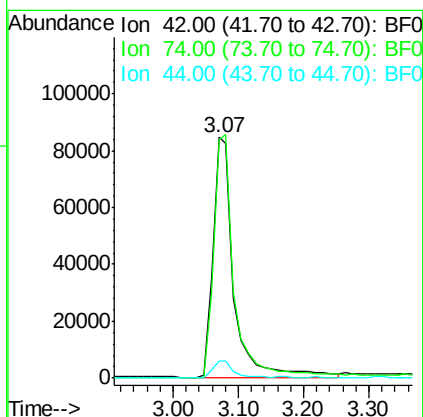
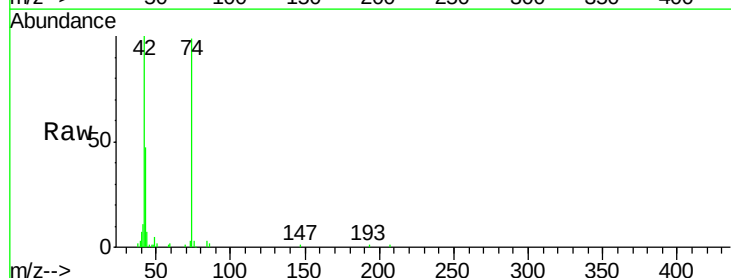
Tgt Ion: 42 Resp: 189995

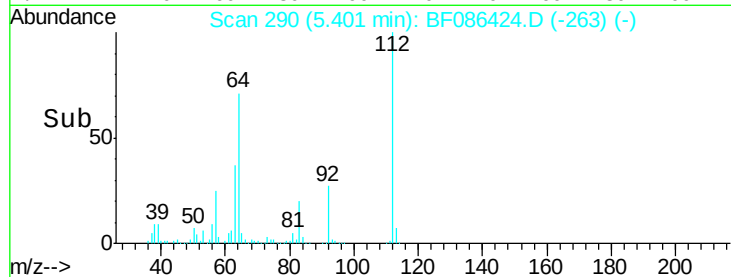
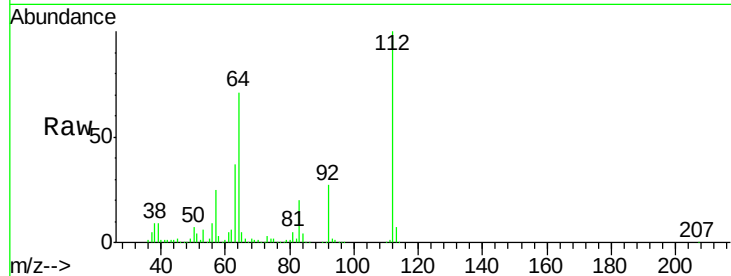
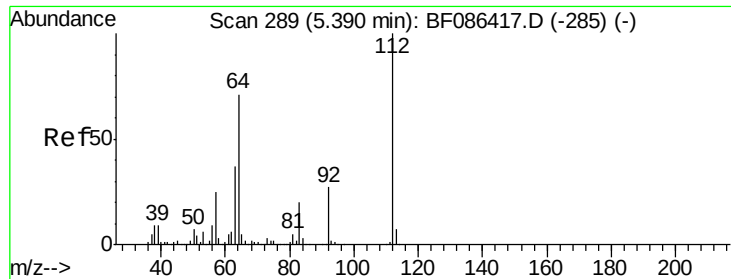
Ion Ratio Lower Upper

42 100

74 98.9 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 113.84 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:112 Resp: 782497

Ion Ratio Lower Upper

112 100

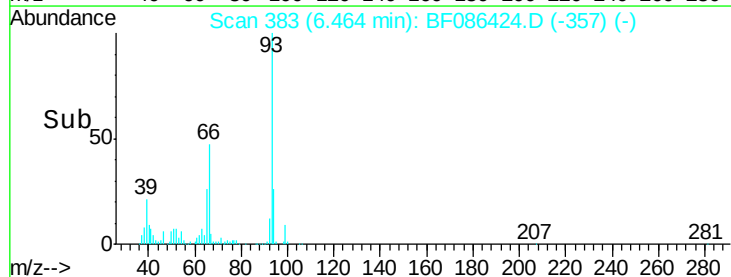
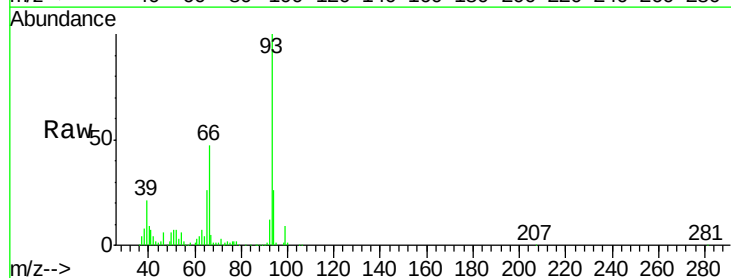
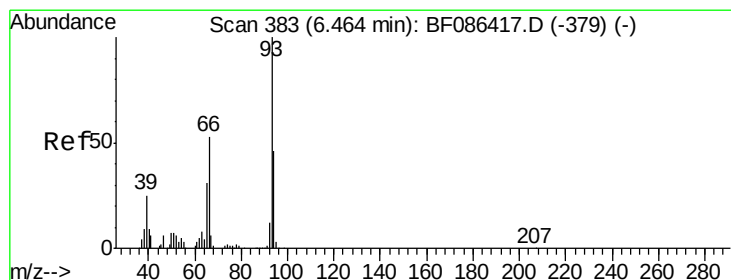
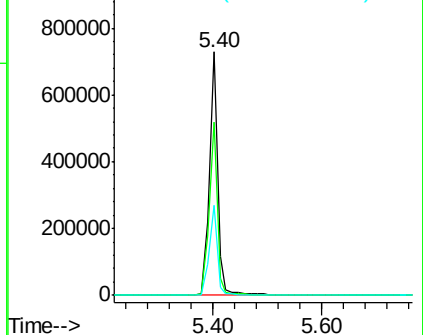
64 71.2 52.1 78.1

63 37.1 25.7 38.5

Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.40 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion: 93 Resp: 399317

Ion Ratio Lower Upper

93 100

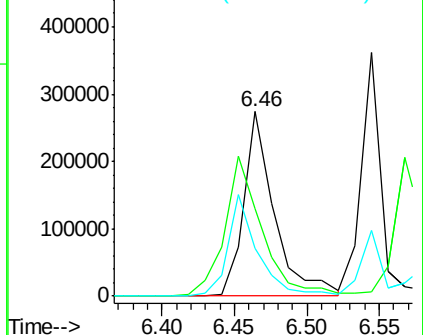
66 47.3 39.0 58.6

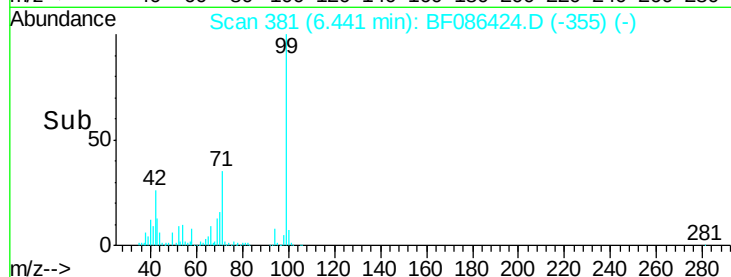
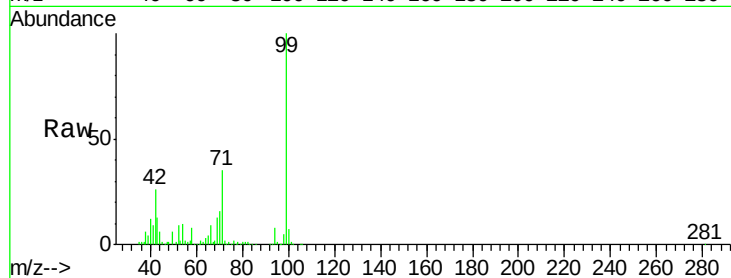
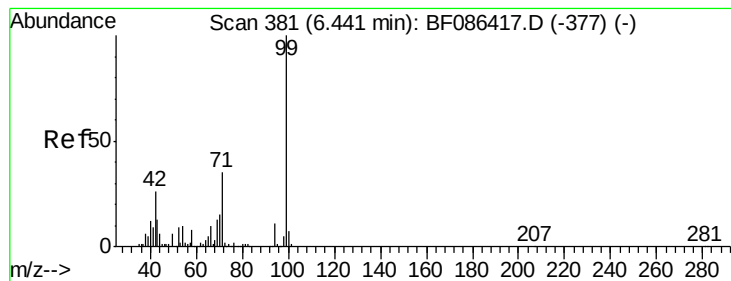
65 25.7 20.6 31.0

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: 110.26 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

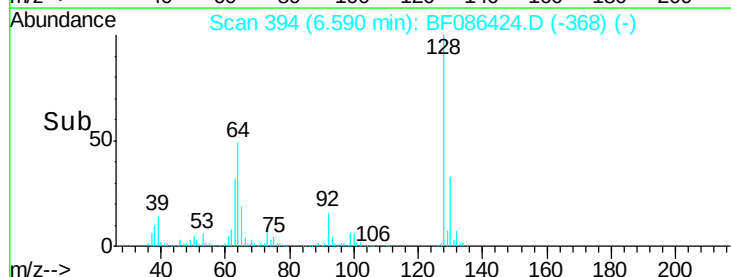
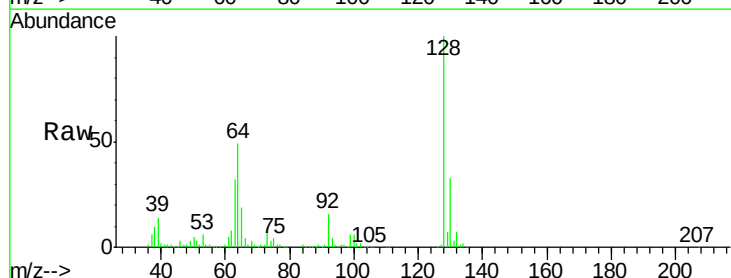
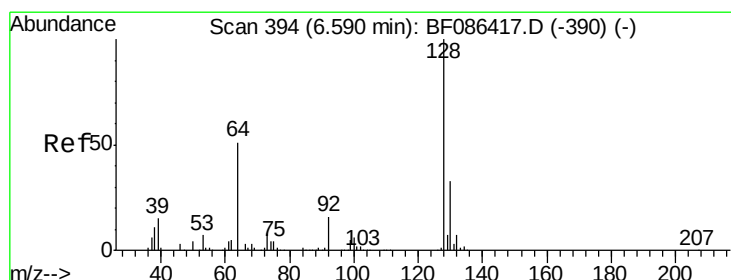
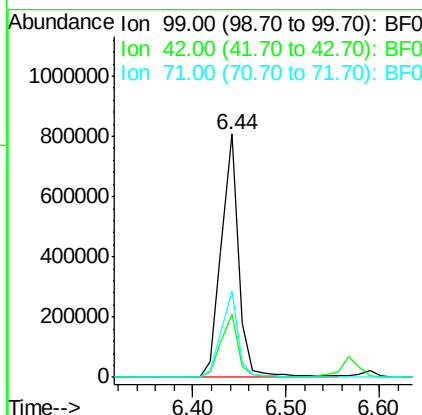
BNA_F

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Tot Ion: 99 Resp: 1057735

Ion	Ratio	Lower	Upper
99	100		
42	26.1	13.6	20.4#
71	35.2	24.6	36.8



#8

2-Chlorophenol

Concen: 39.31 ng

RT: 6.59 min Scan# 394

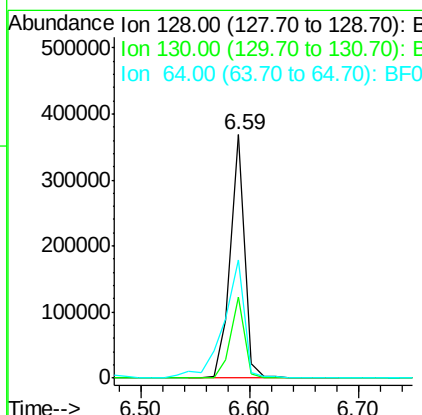
Delta R.T. 0.00 min

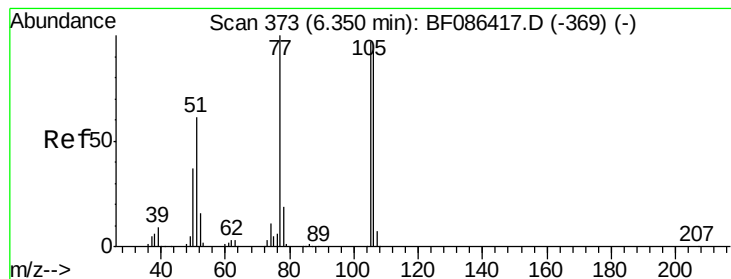
Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion: 128 Resp: 336511

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	48.8	27.3	67.3





#9

Benzaldehyde

Concen: 10.32 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086424.D

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ClientSampleId :

PB90056BS

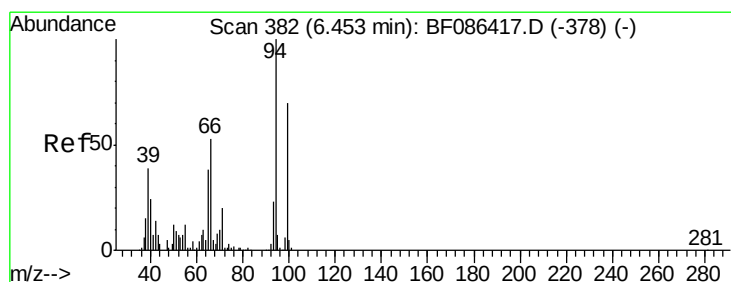
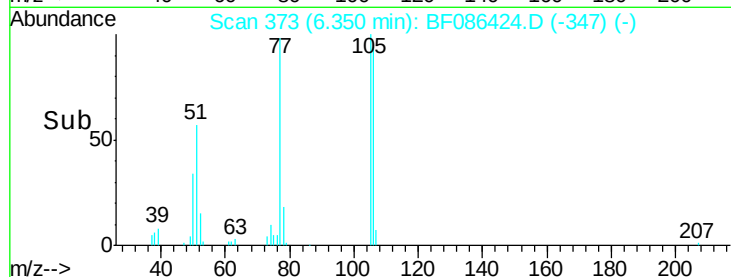
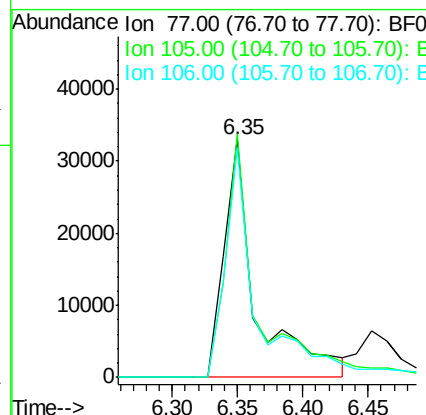
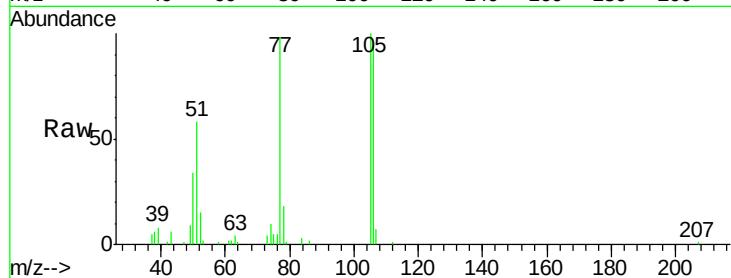
Tot Ion: 77 Resp: 57596

Ion Ratio Lower Upper

77 100

105 102.3 72.7 112.7

106 96.6 70.8 110.8



#10

Phenol

Concen: 39.41 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

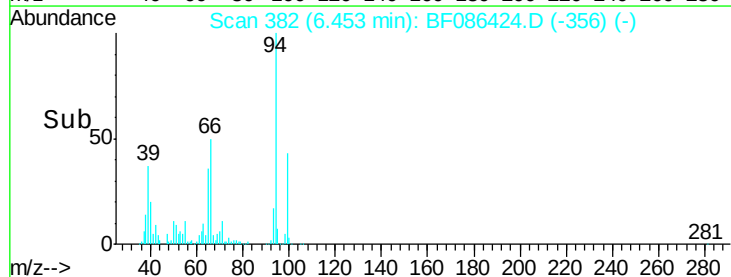
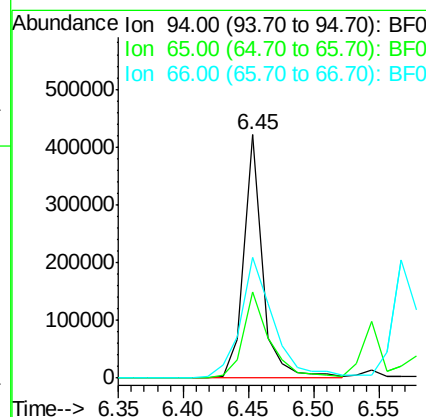
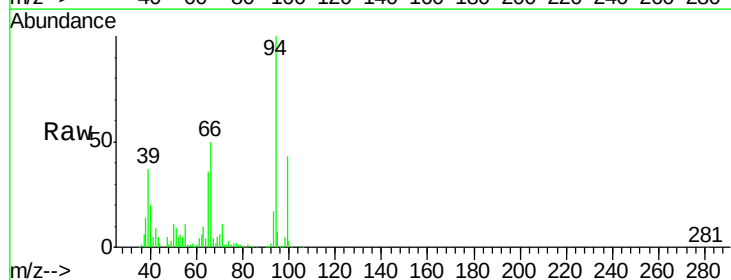
Tgt Ion: 94 Resp: 421826

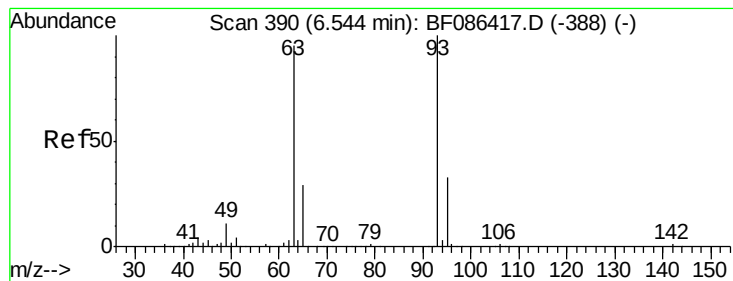
Ion Ratio Lower Upper

94 100

65 35.6 7.2 47.2

66 49.6 14.9 54.9

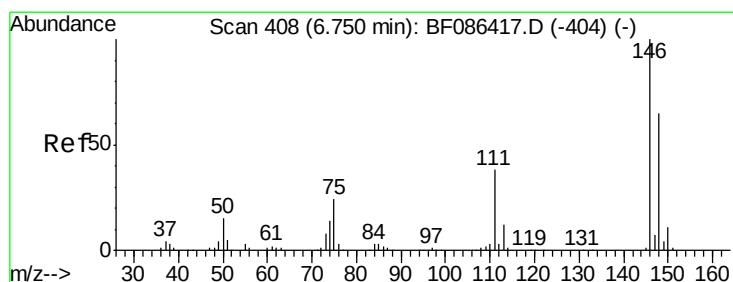
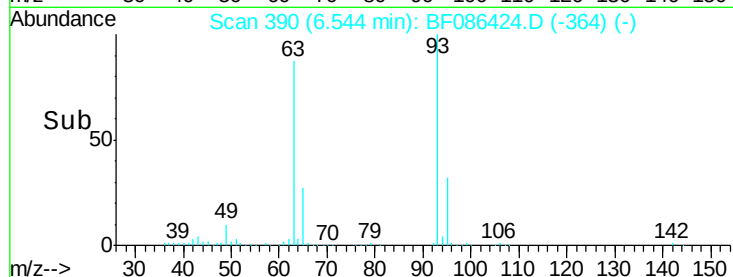
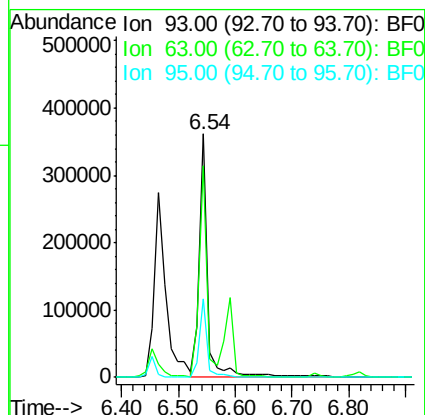
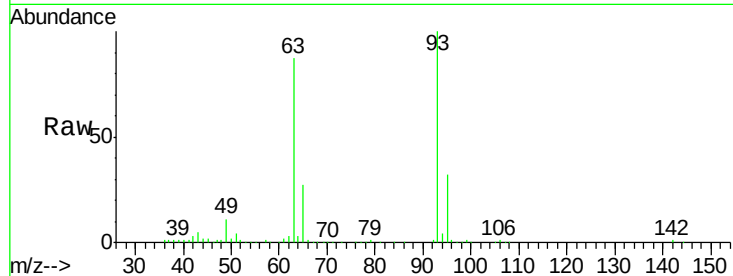




#11
bis(2-Chloroethyl)ether
Concen: 39.96 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

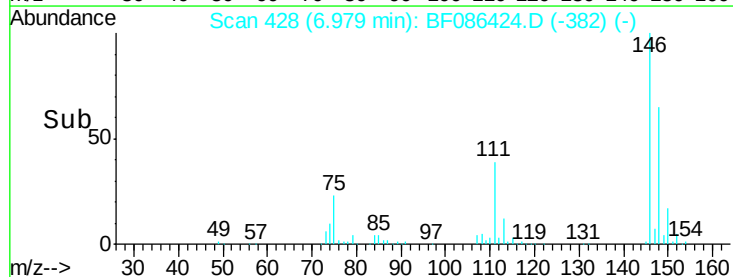
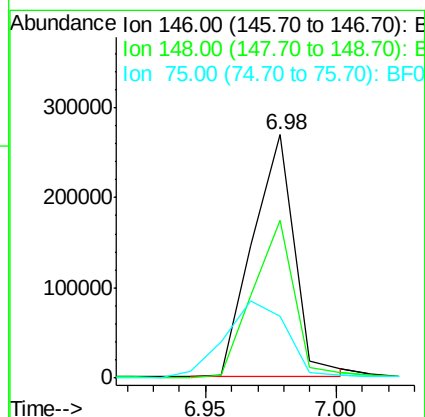
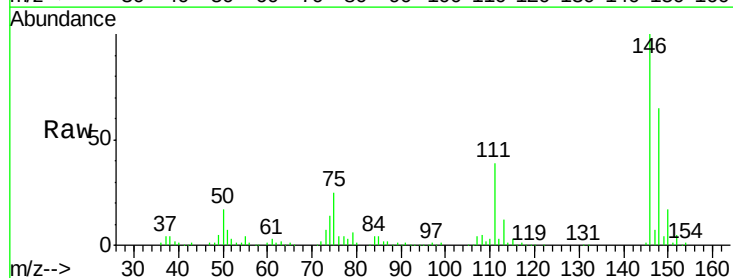
Instrument :
BNA_F
ClientSampleId :
PB90056BS

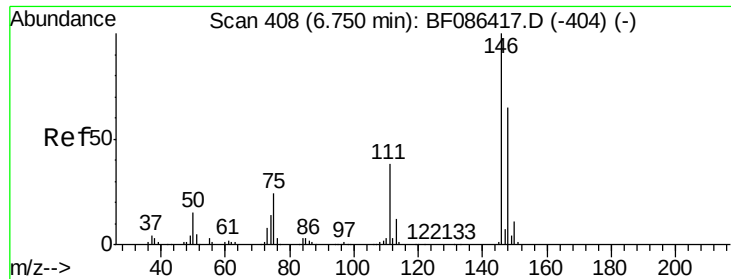
Tot Ion: 93 Resp: 369708
Ion Ratio Lower Upper
93 100
63 86.9 58.0 98.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 32.87 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.23 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion: 146 Resp: 302732
Ion Ratio Lower Upper
146 100
148 64.7 52.4 78.6
75 25.3 22.8 34.2

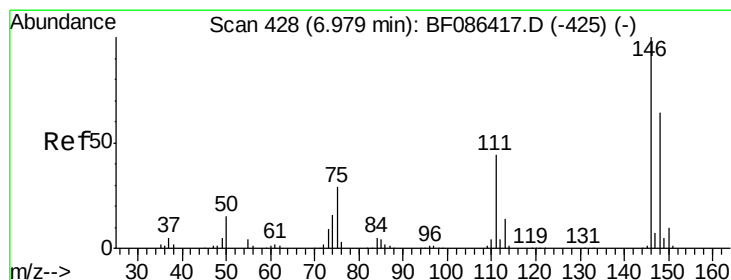
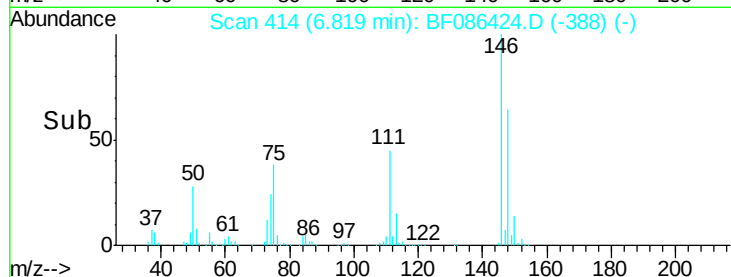
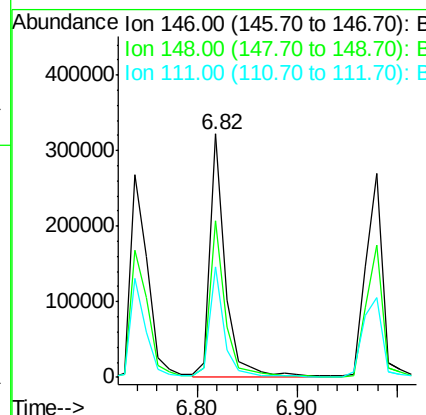
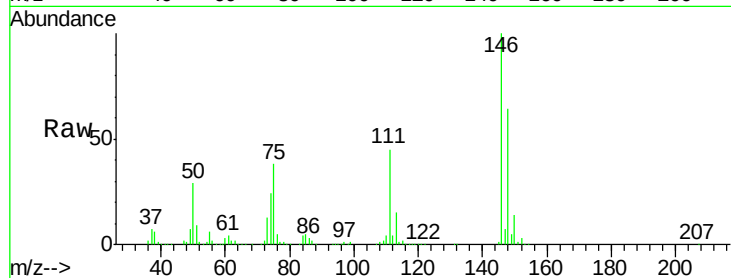




#13
 1,4-Dichlorobenzene
 Concen: 35.95 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

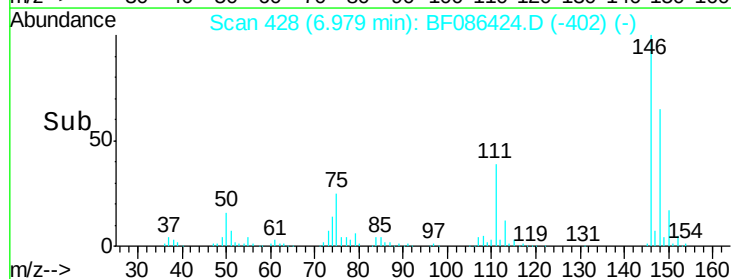
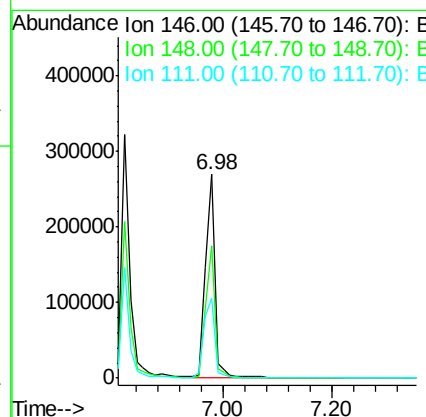
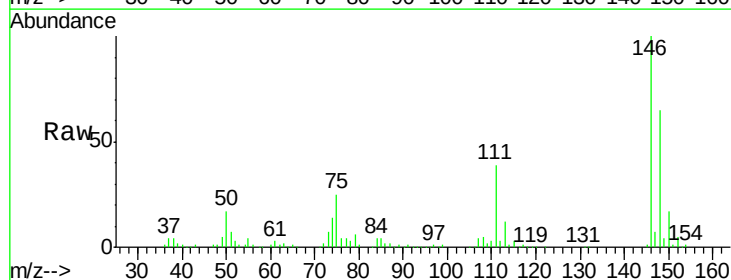
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

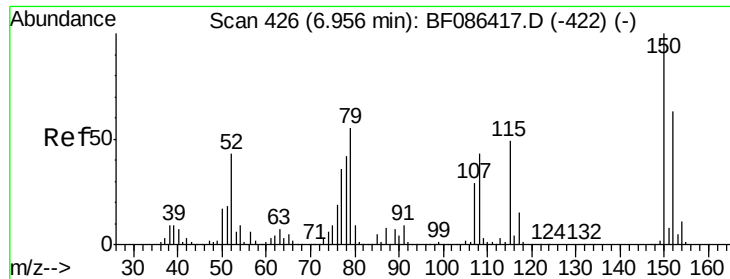
Tot Ion:146 Resp: 341554
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.4
 111 45.5 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.82 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:146 Resp: 320876
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.6
 111 39.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 43.64 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

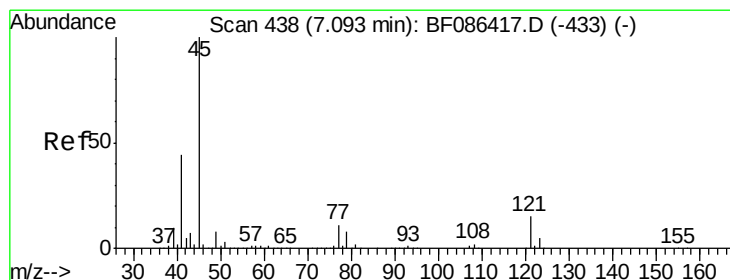
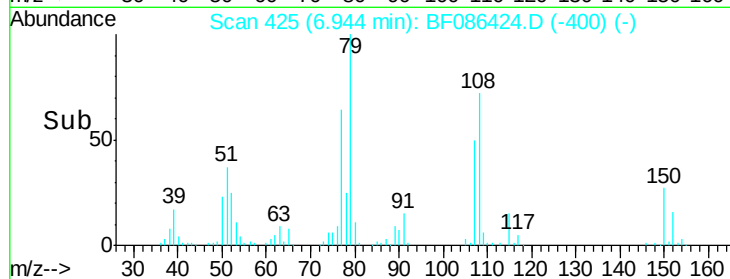
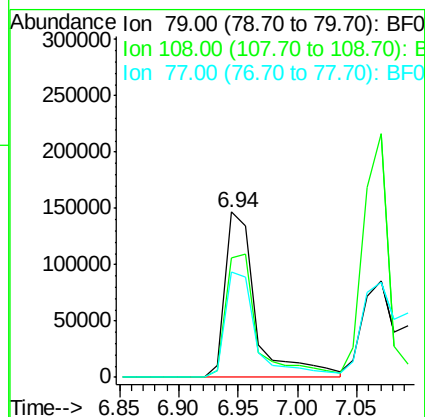
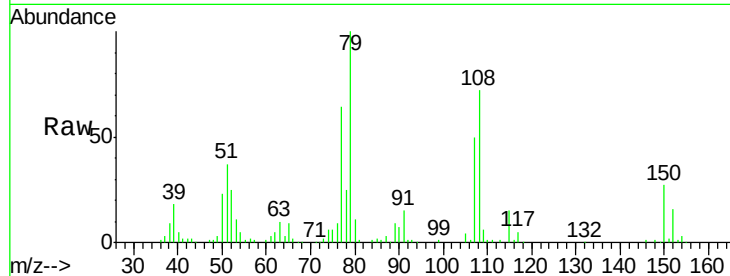
Tot Ion: 79 Resp: 264874

Ion Ratio Lower Upper

79 100

108 72.3 68.4 102.6

77 64.0 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.60 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

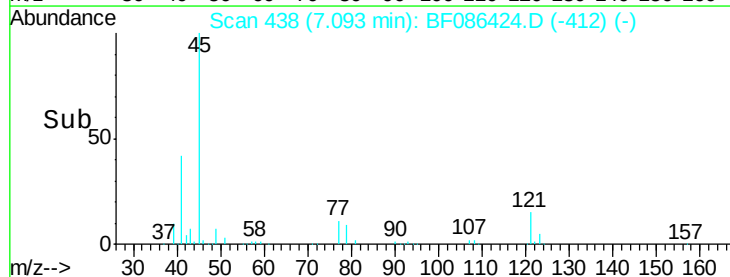
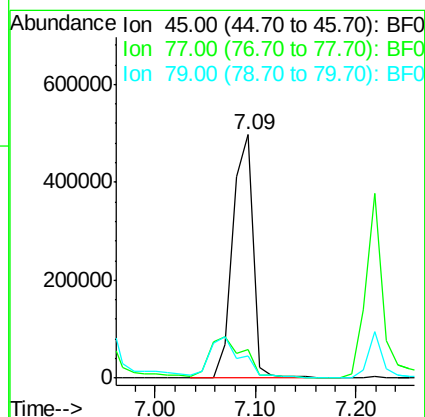
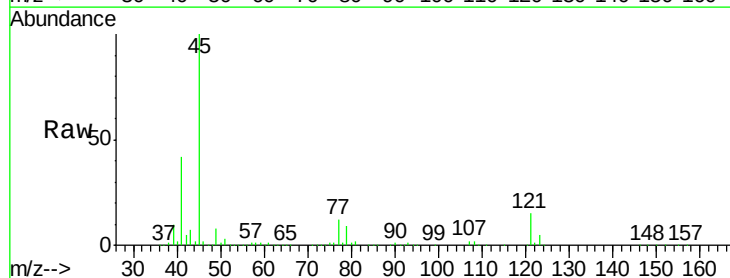
Tgt Ion: 45 Resp: 696377

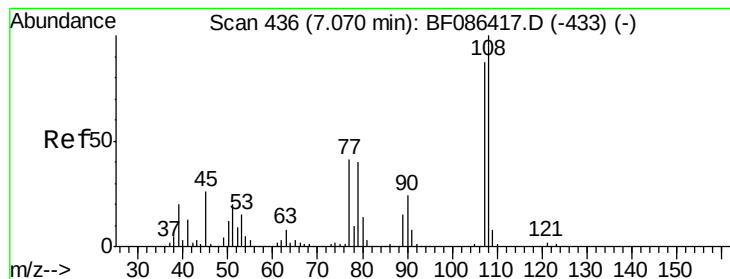
Ion Ratio Lower Upper

45 100

77 11.5 0.0 36.4

79 9.1 0.0 33.4





#17

2-Methylphenol

Concen: 40.51 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tot Ion:107 Resp: 280344

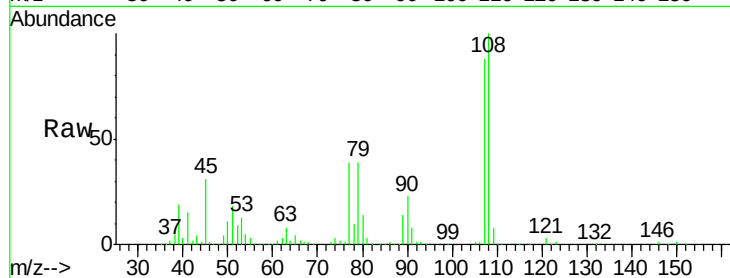
Ion Ratio Lower Upper

107 100

108 113.5 93.7 140.5

77 44.6 33.4 50.0

79 44.7 34.3 51.5

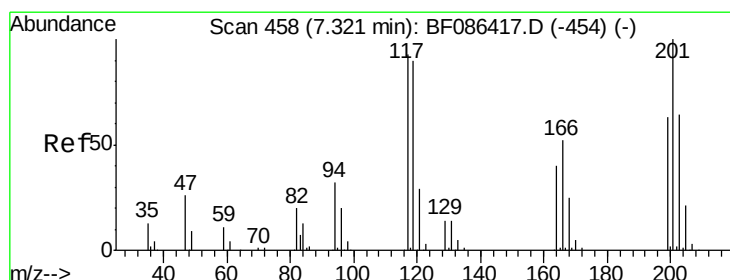
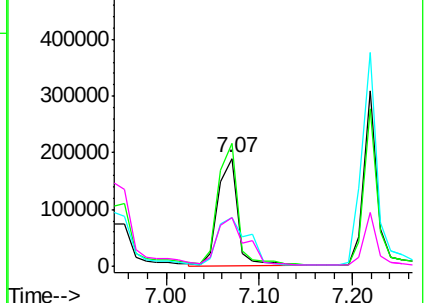
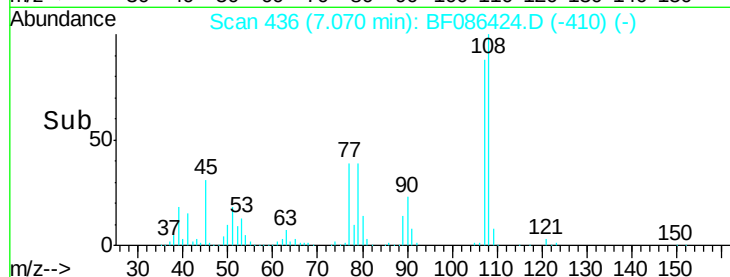


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.36 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

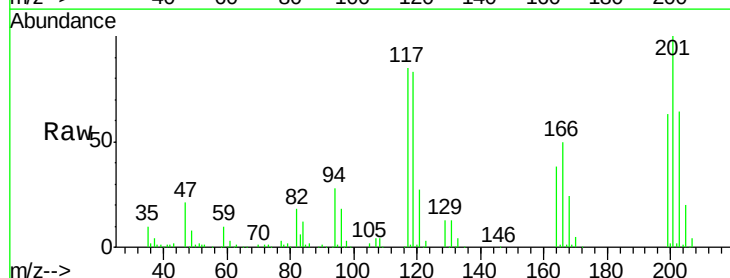
Tgt Ion:117 Resp: 129085

Ion Ratio Lower Upper

117 100

119 98.1 76.5 114.7

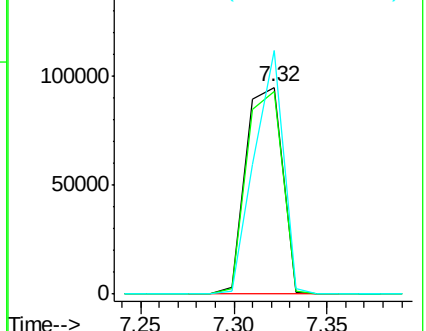
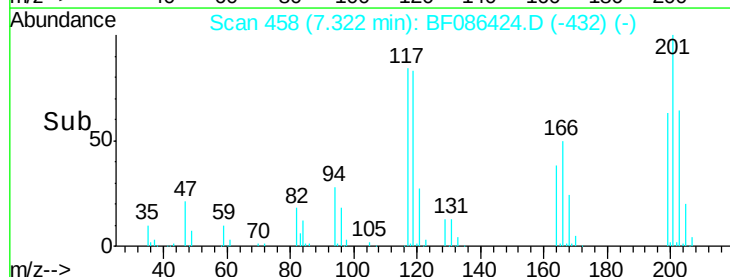
201 117.9 63.0 94.6#

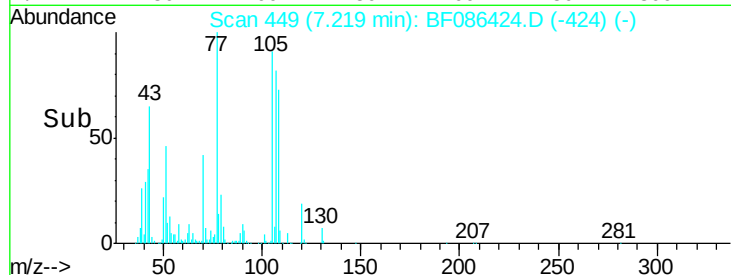
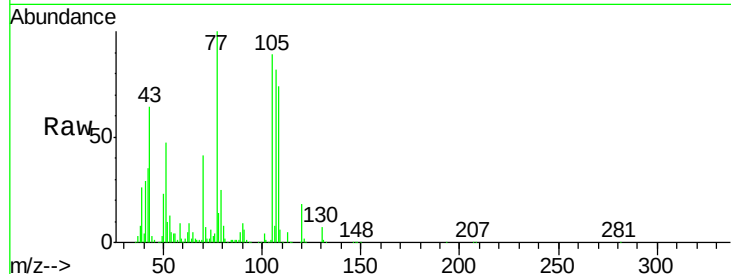
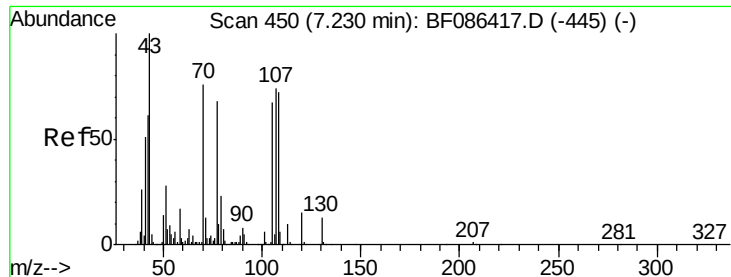


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

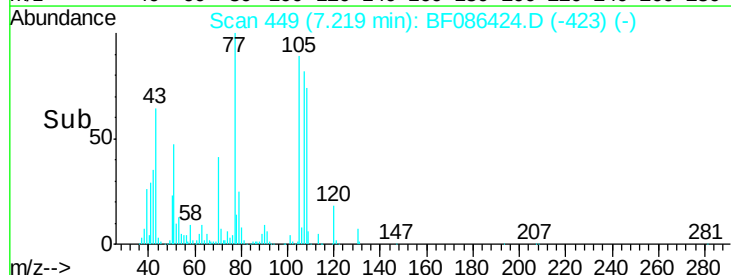
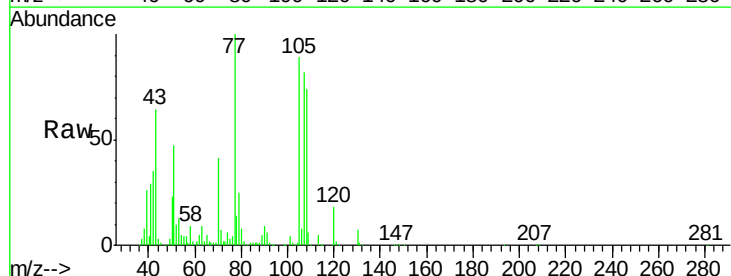
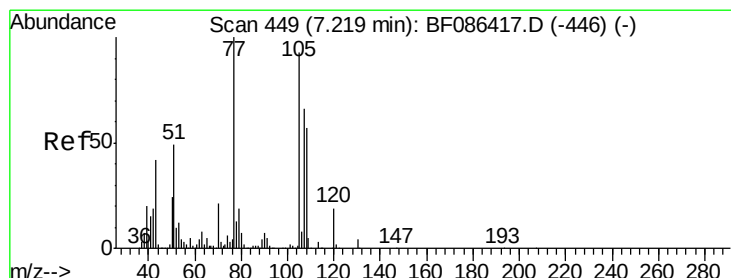
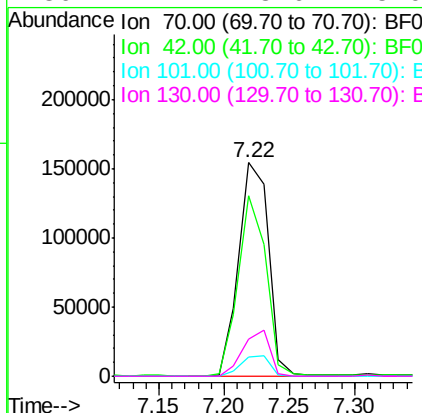




#19
n-Nitroso-di-n-propylamine
Concen: 38.93 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

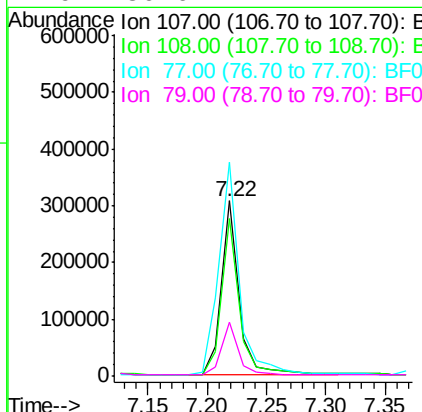
Instrument :
BNA_F
ClientSampleId :
PB90056BS

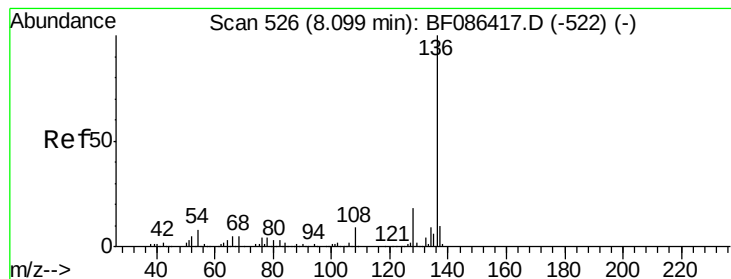
Tot Ion	Ratio	Lower	Upper
70	100		
42	84.7	43.1	64.7#
101	8.7	8.1	12.1
130	17.2	18.6	28.0#



#20
3+4-Methylphenols
Concen: 40.36 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.5	108.5
77	122.1	101.6	141.6
79	30.6	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tot Ion:136 Resp: 490882

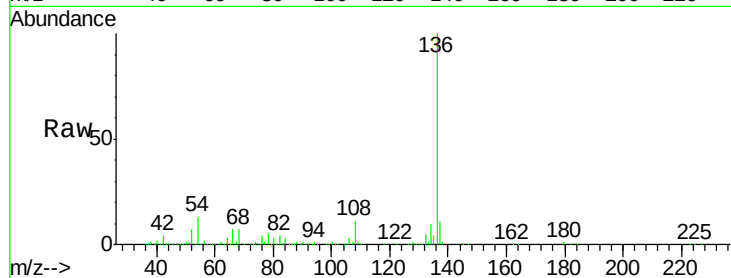
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.9 5.0 7.4#

68 7.5 4.4 6.6#

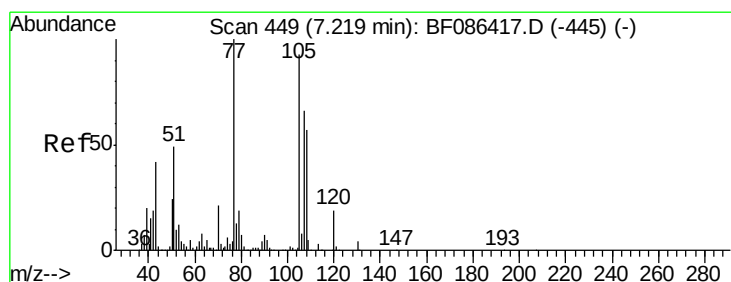
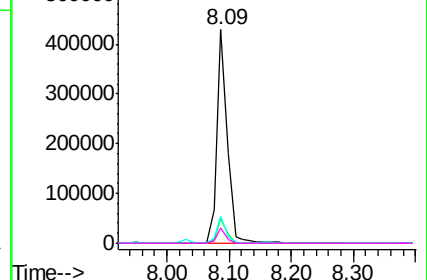
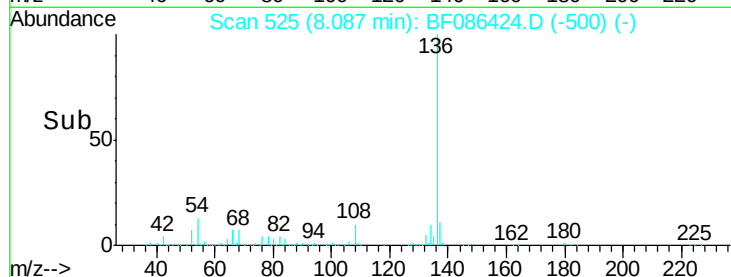


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.15 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:105 Resp: 453671

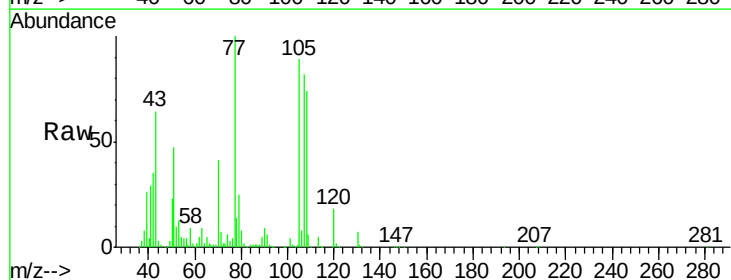
Ion Ratio Lower Upper

105 100

71 7.8 4.8 7.2#

51 52.5 32.6 49.0#

120 20.6 16.5 24.7

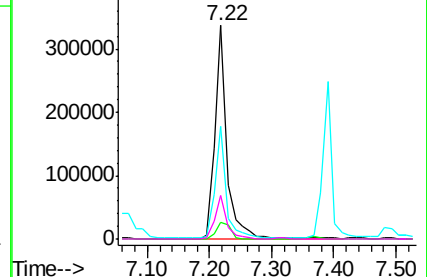
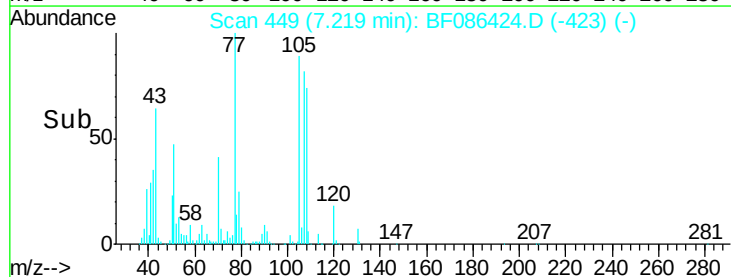


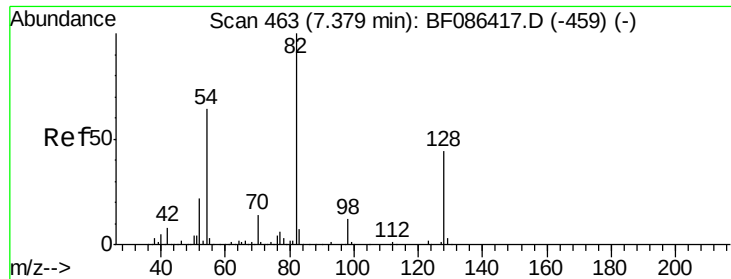
Abundance Ion 105.00 (104.70 to 105.70): E

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

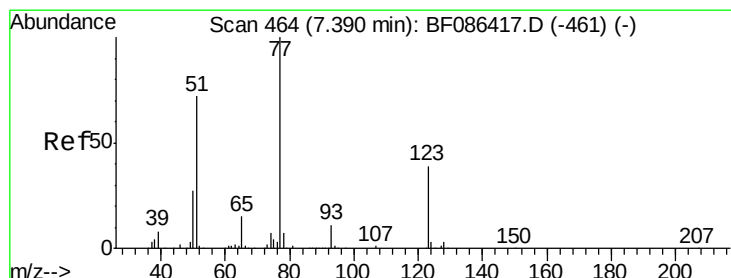
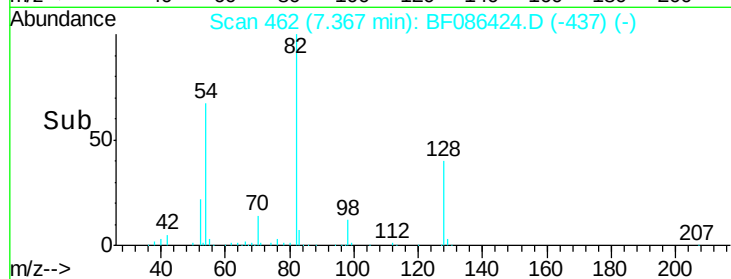
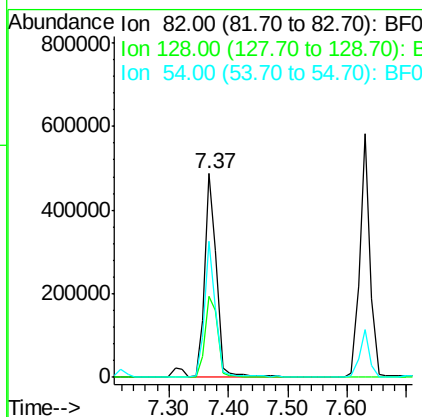
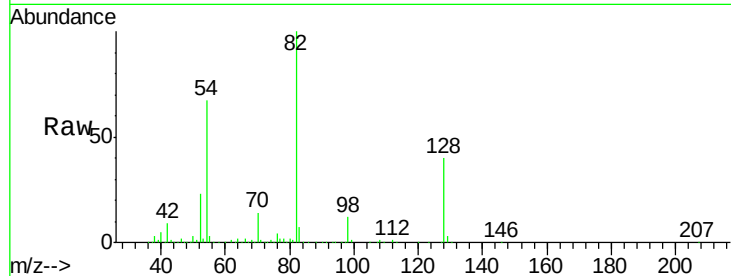




#23
 Nitrobenzene-d5
 Concen: 75.94 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

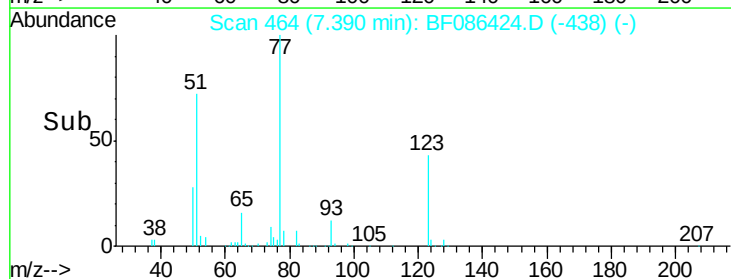
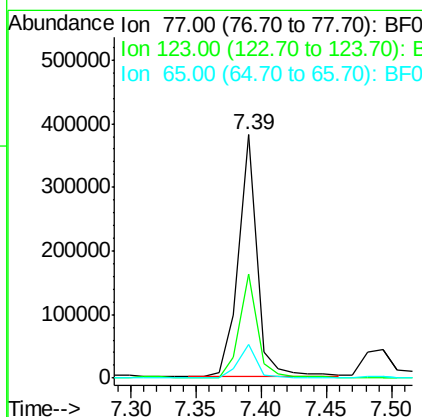
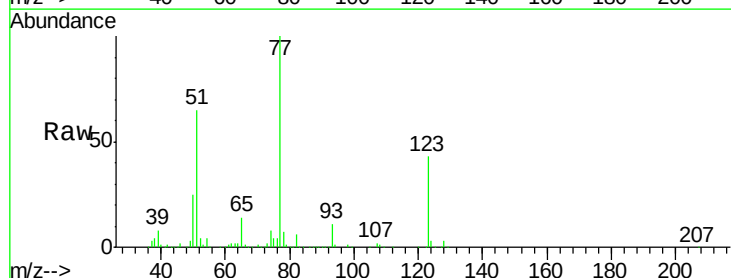
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

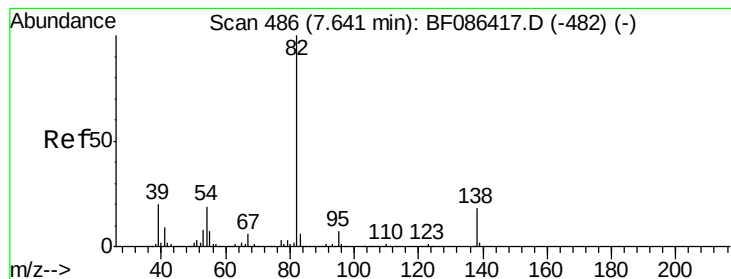
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	61.0#
54	66.9	38.1	57.1#



#24
 Nitrobenzene
 Concen: 40.64 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	33.0	49.4
65	14.1	10.8	16.2





#25

Isophorone

Concen: 39.29 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

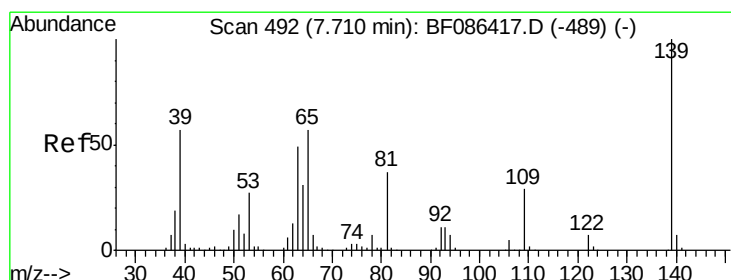
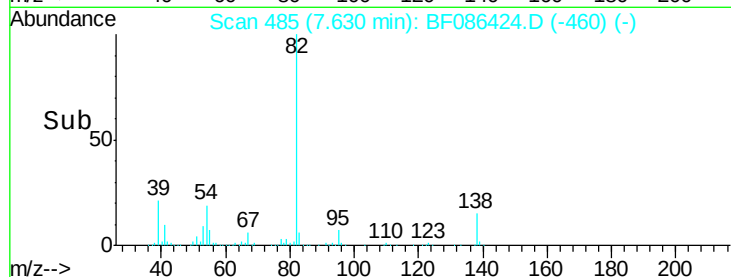
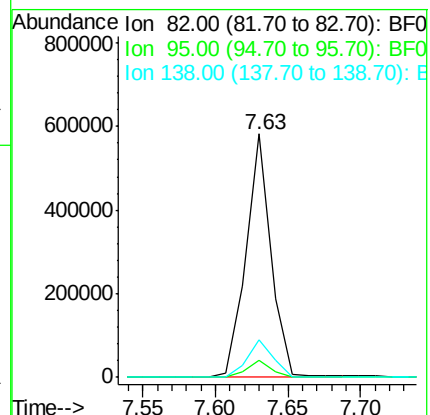
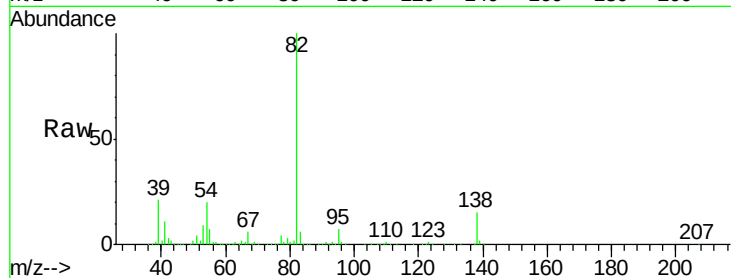
Tot Ion: 82 Resp: 688568

Ion Ratio Lower Upper

82 100

95 6.8 5.1 7.7

138 15.2 12.4 18.6



#26

2-Nitrophenol

Concen: 41.34 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

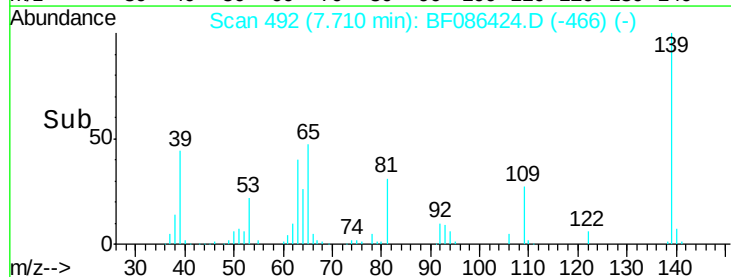
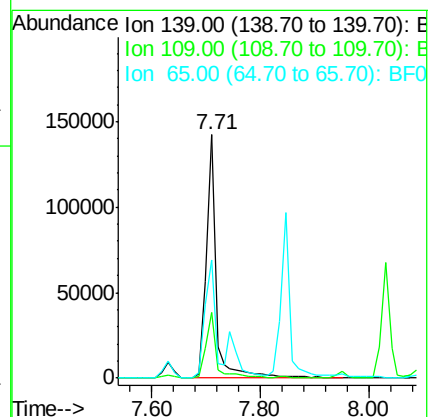
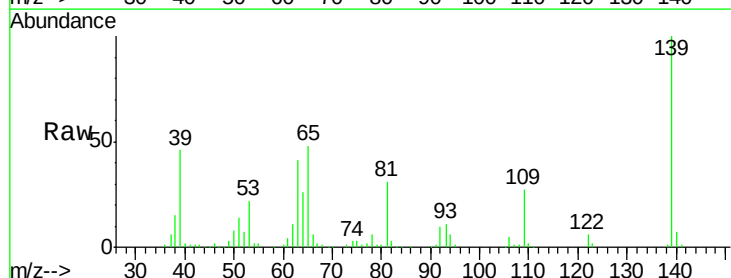
Tgt Ion: 139 Resp: 178306

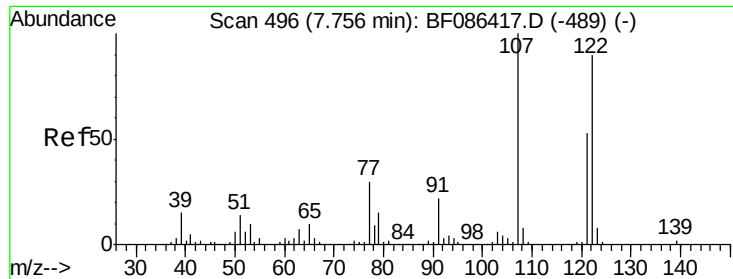
Ion Ratio Lower Upper

139 100

109 26.9 19.5 29.3

65 48.4 37.5 56.3

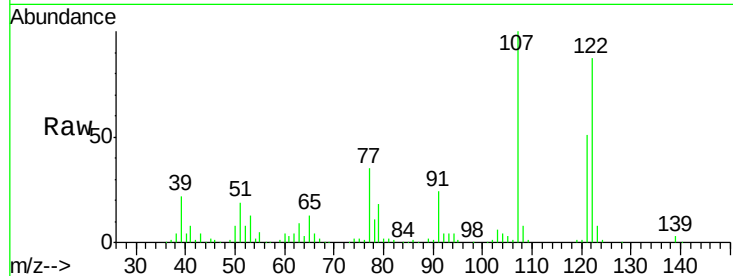




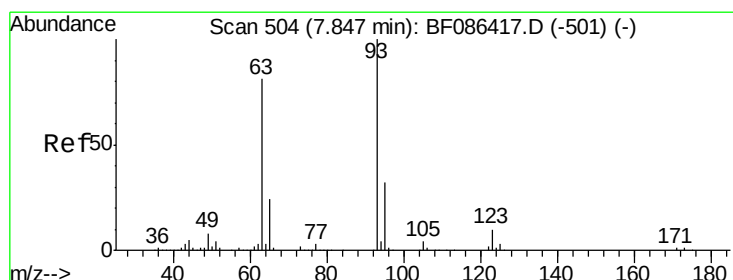
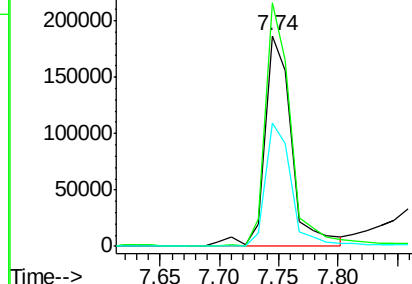
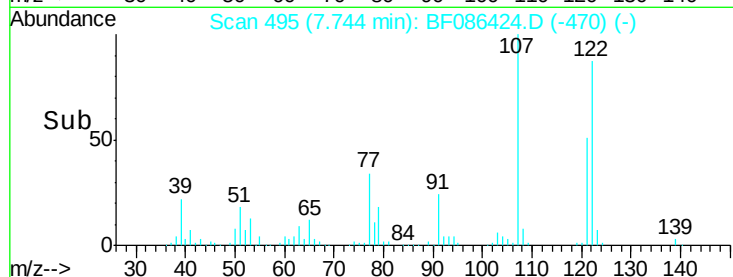
#27
 2,4-Dimethylphenol
 Concen: 39.12 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion:122 Resp: 296090
 Ion Ratio Lower Upper
 122 100
 107 115.4 82.0 123.0
 121 58.5 46.1 69.1

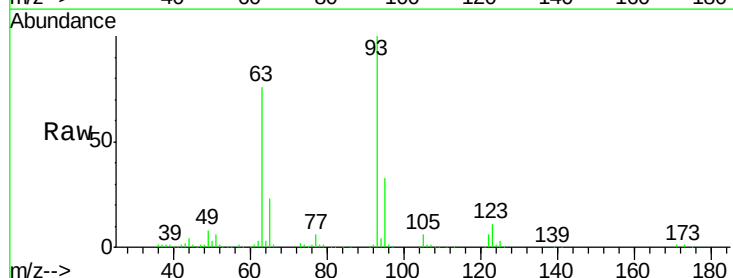


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

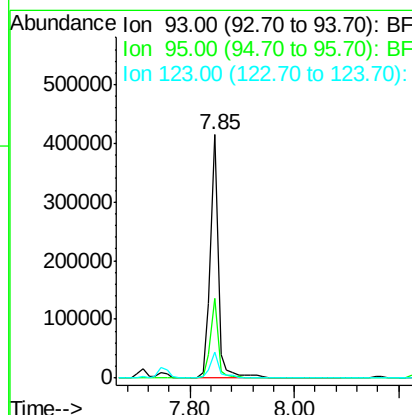
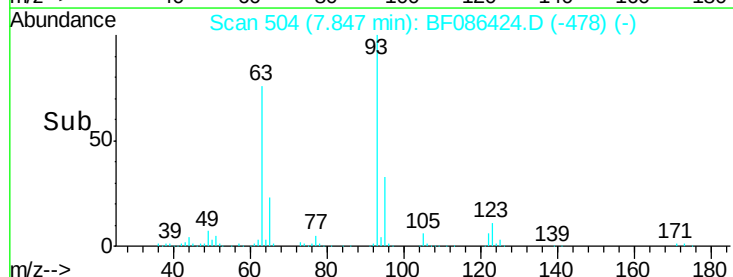


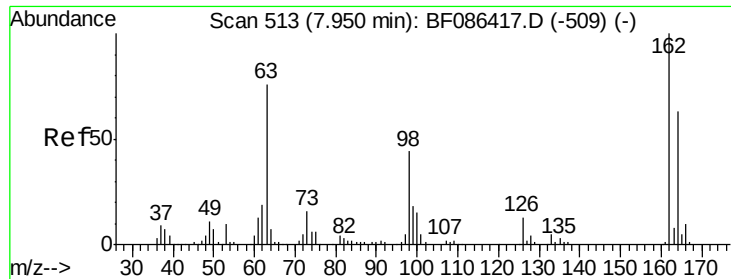
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.66 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion: 93 Resp: 435996
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 10.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

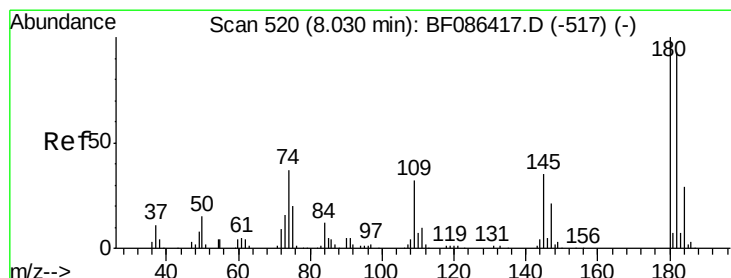
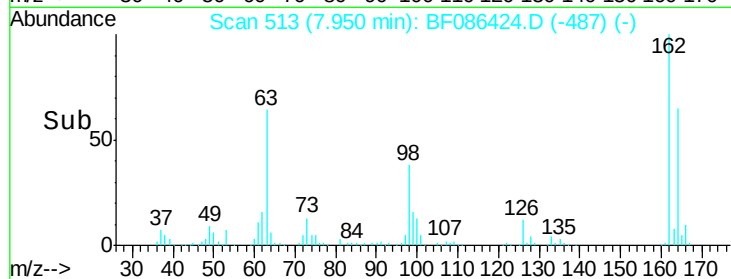
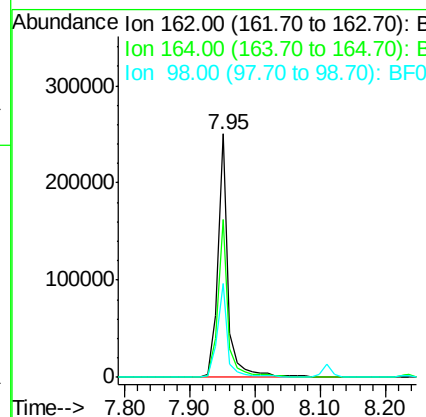
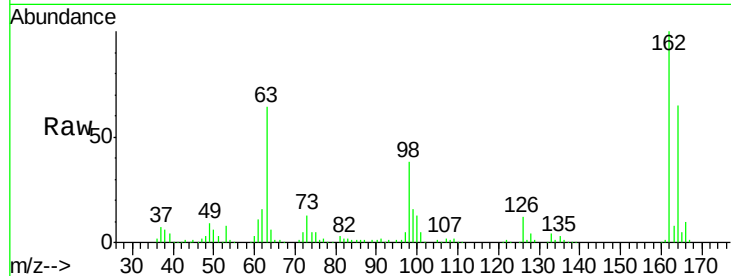




#29
 2,4-Dichlorophenol
 Concen: 44.06 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

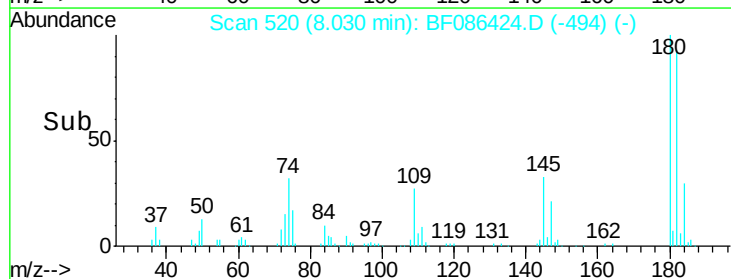
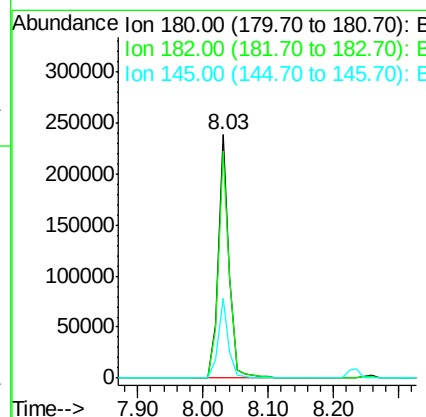
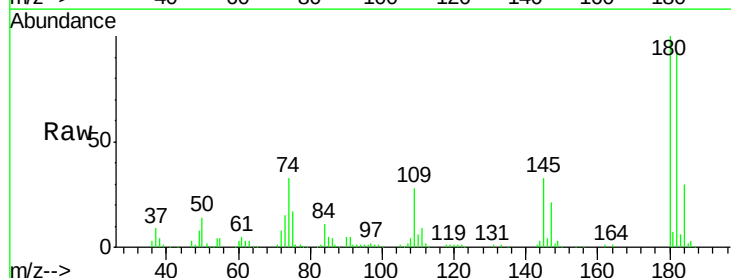
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

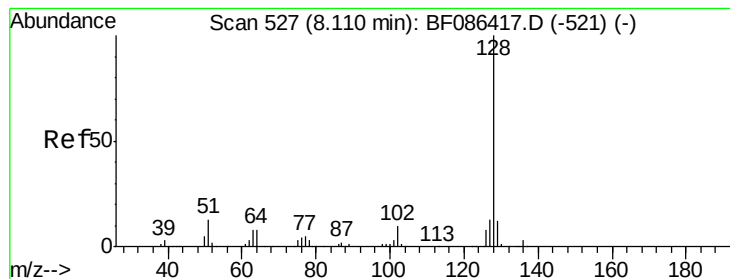
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.2	82.2
98	38.3	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.26 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.0	117.0
145	32.9	24.2	36.2





#31

Naphthalene

Concen: 38.77 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

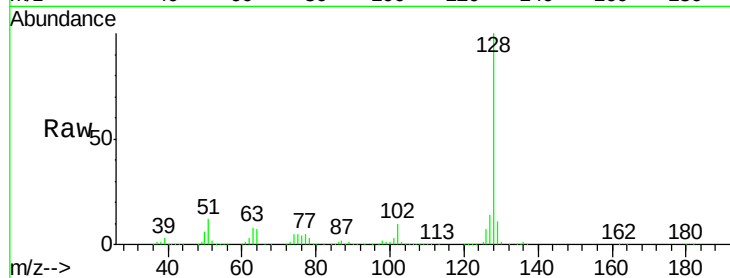
Tot Ion:128 Resp: 968383

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

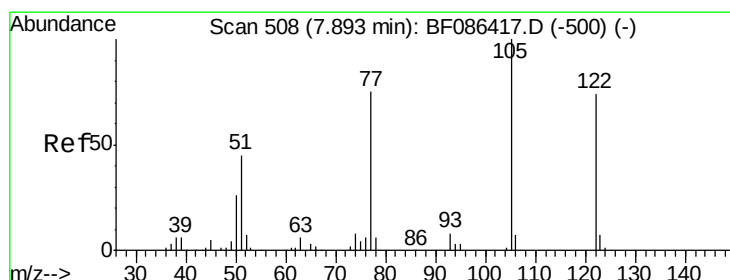
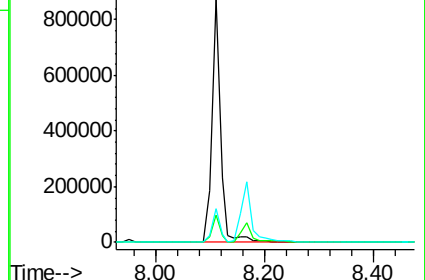
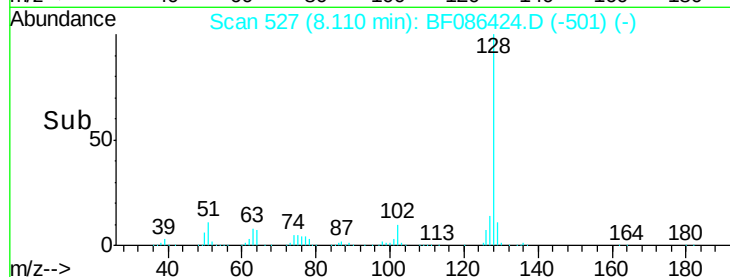
127 13.6 10.8 16.2



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: 35.03 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

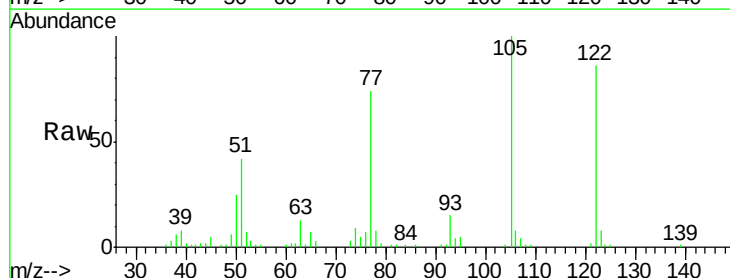
Tgt Ion:122 Resp: 147246

Ion Ratio Lower Upper

122 100

105 115.6 92.6 132.6

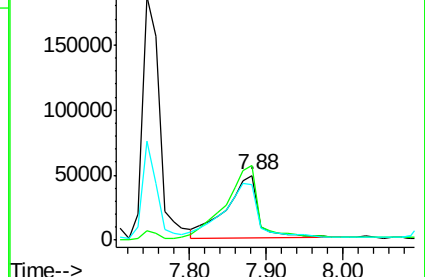
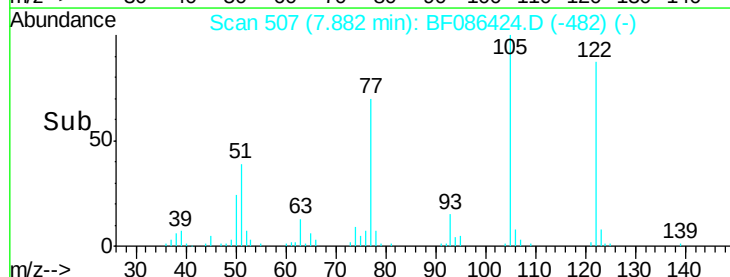
77 85.0 60.0 100.0

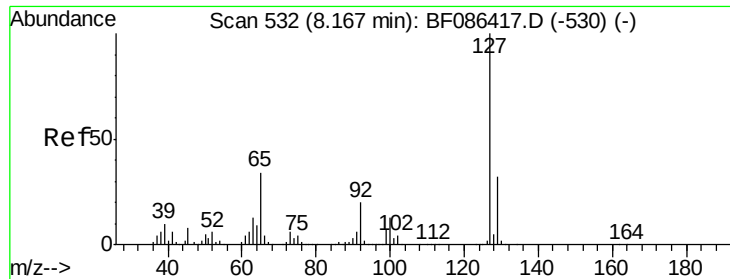


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

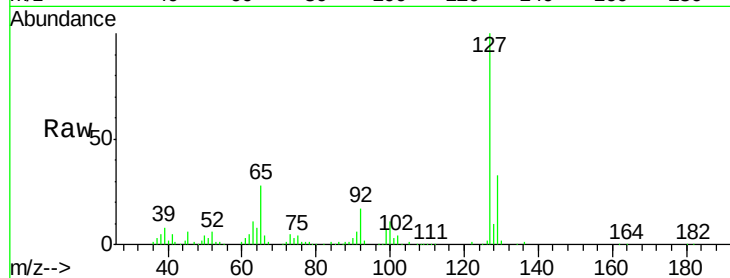




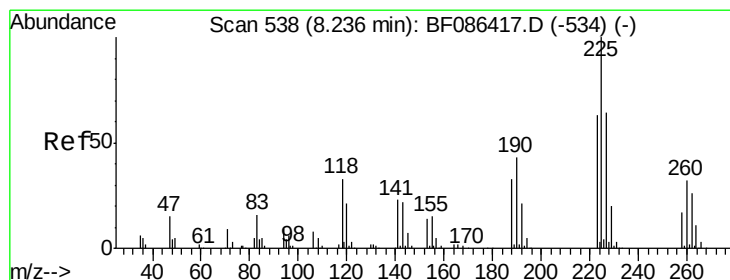
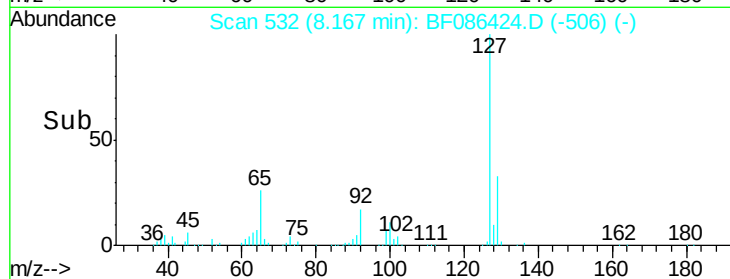
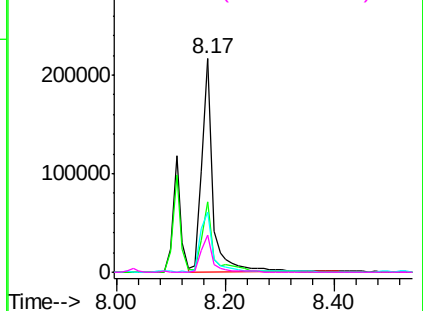
#33
4-Chloroaniline
Concen: 32.05 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion:127	Resp:	299820
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.2 39.4
65	28.0	23.0 34.4
92	17.1	15.1 22.7

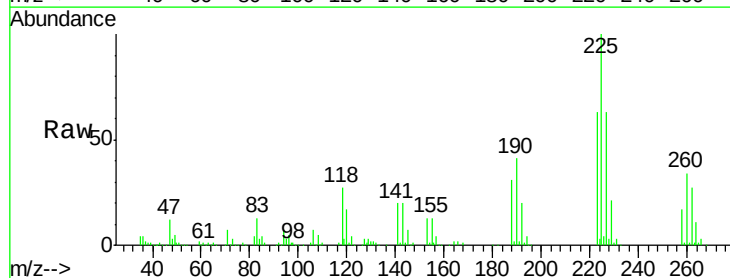


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

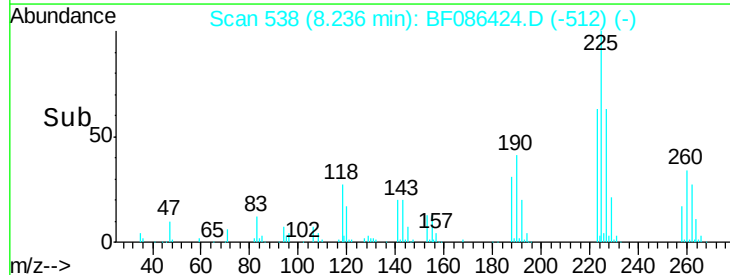
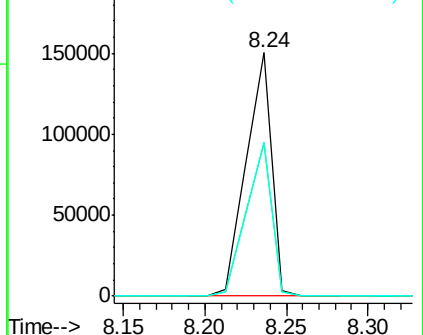


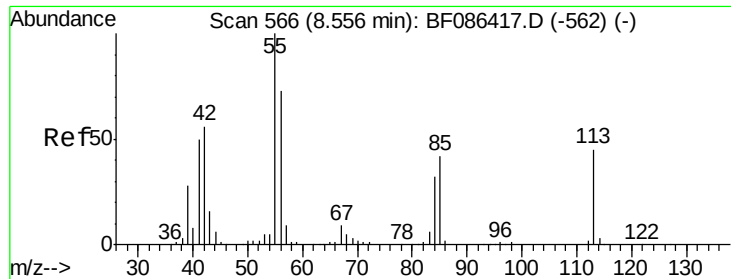
#34
Hexachlorobutadiene
Concen: 39.12 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion:225	Resp:	162457
Ion Ratio	Lower	Upper
225	100	
223	62.6	51.5 77.3
227	63.3	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

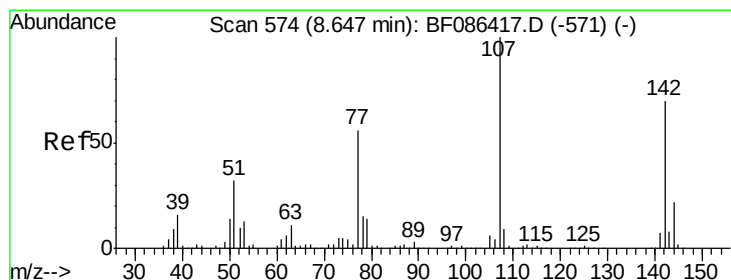
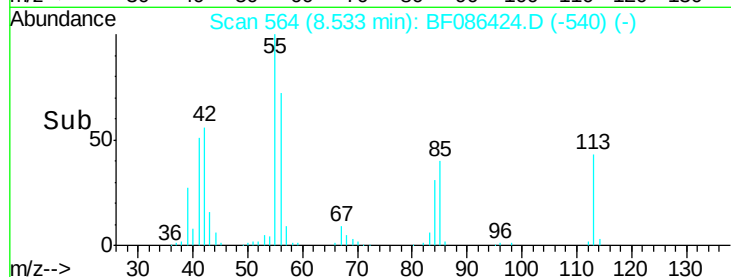
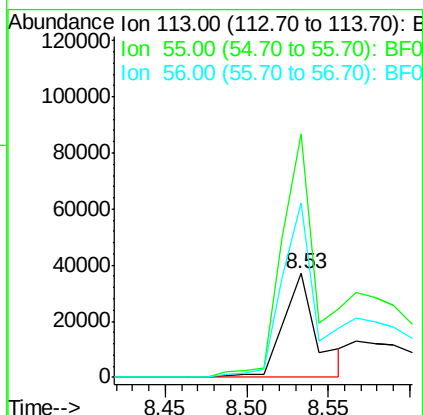
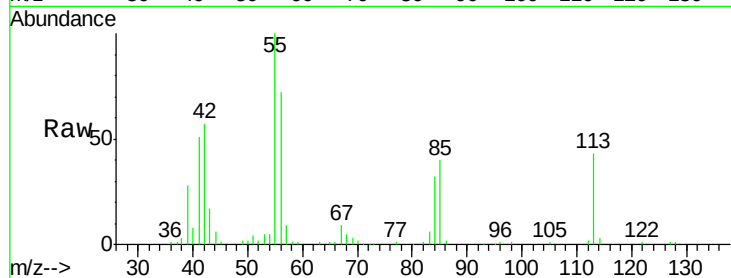




#35
Caprolactam
Concen: 24.80 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.02 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

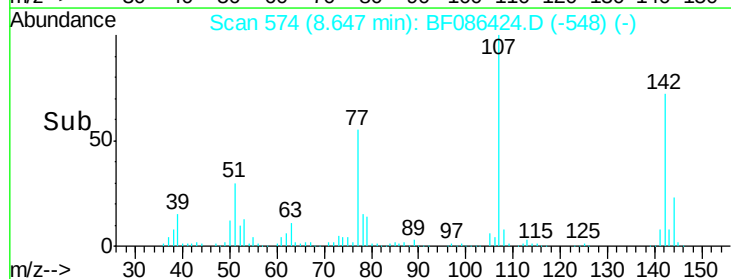
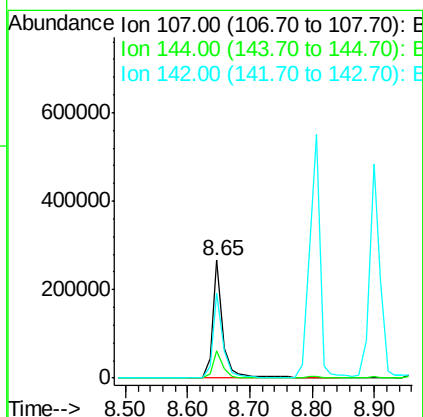
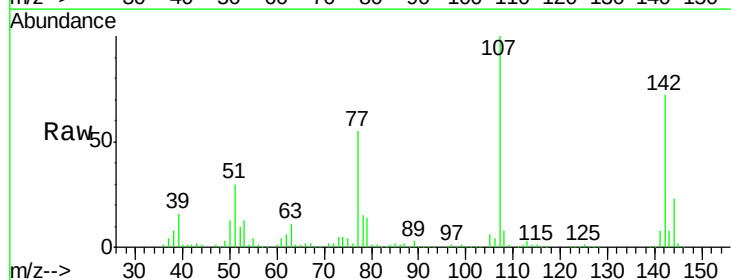
Instrument :
BNA_F
ClientSampleId :
PB90056BS

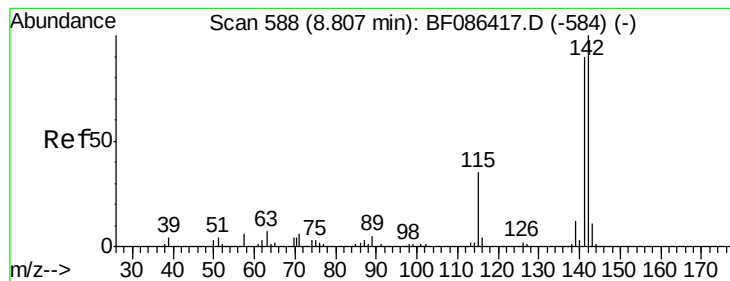
Tot Ion:113 Resp: 52825
Ion Ratio Lower Upper
113 100
55 234.1 162.0 202.0#
56 168.3 115.3 155.3#



#36
4-Chloro-3-methylphenol
Concen: 41.50 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion:107 Resp: 303402
Ion Ratio Lower Upper
107 100
144 23.0 20.7 31.1
142 72.4 63.2 94.8

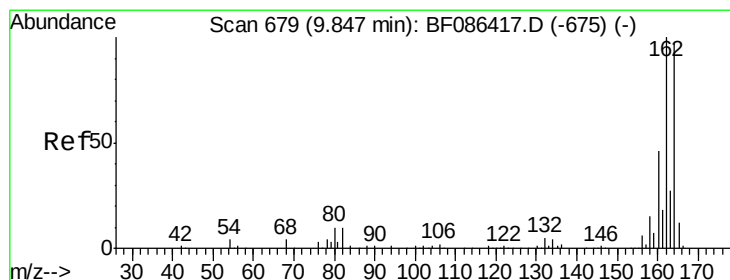
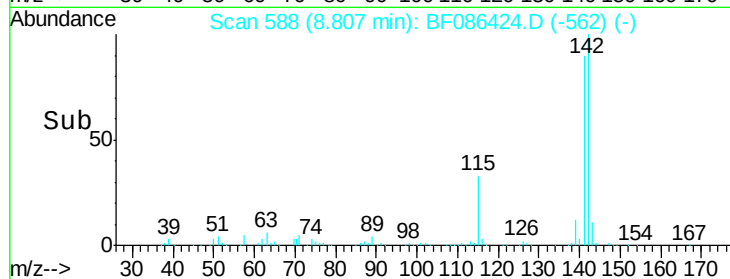
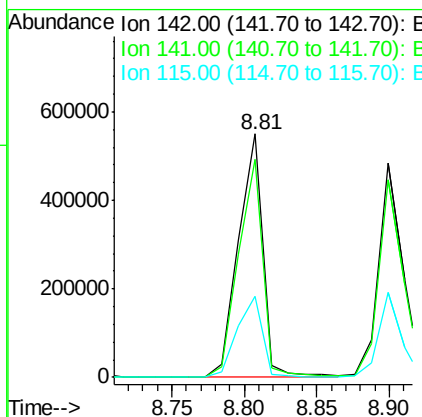
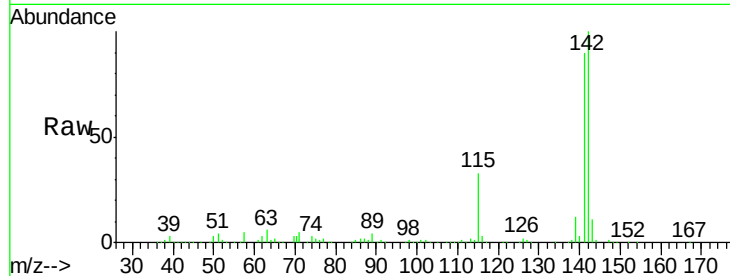




#37
 2-Methylnaphthalene
 Concen: 43.56 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

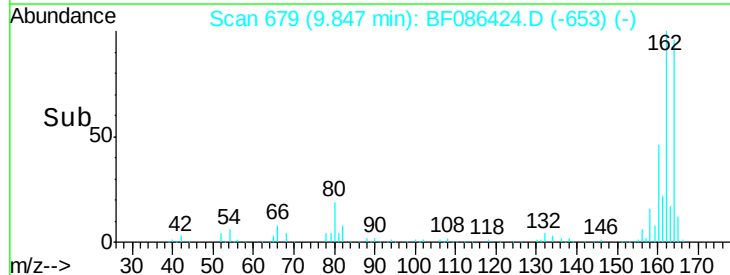
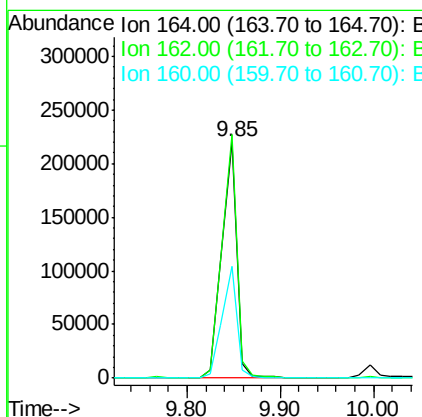
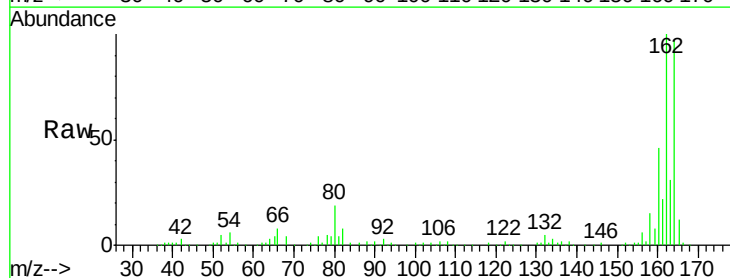
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

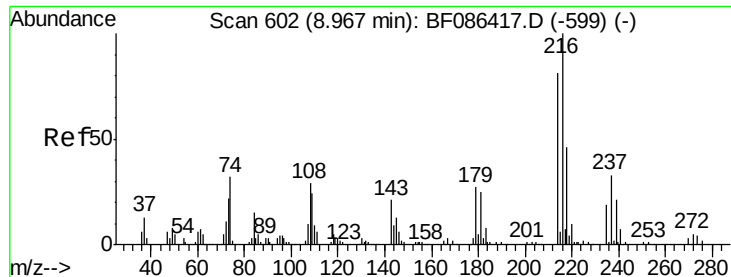
Tot Ion:142 Resp: 641979
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 33.2 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:164 Resp: 245404
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 47.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.60 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tot Ion:216 Resp: 243071

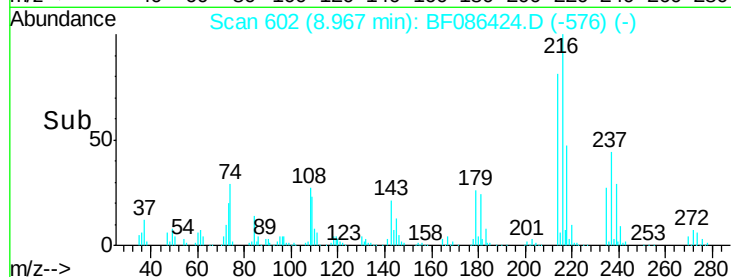
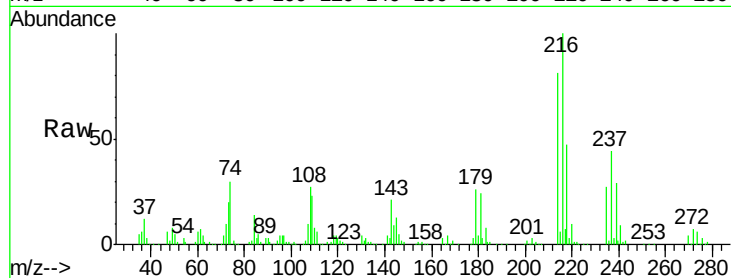
Ion Ratio Lower Upper

216 100

214 79.3 62.6 93.8

179 23.1 18.2 27.4

108 26.6 17.5 26.3#

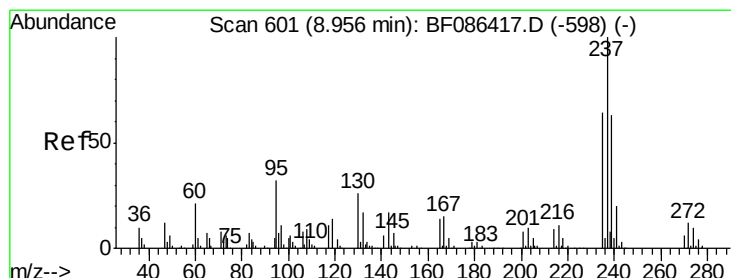
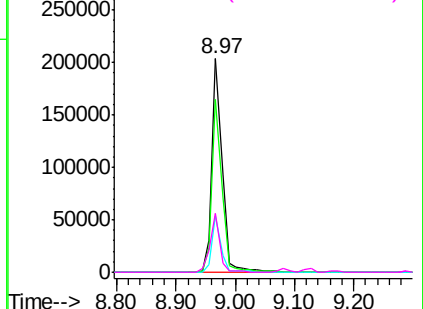


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.59 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

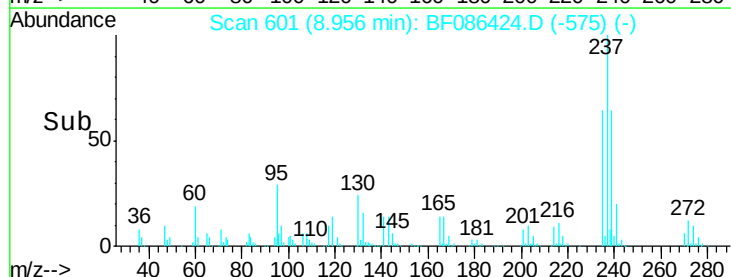
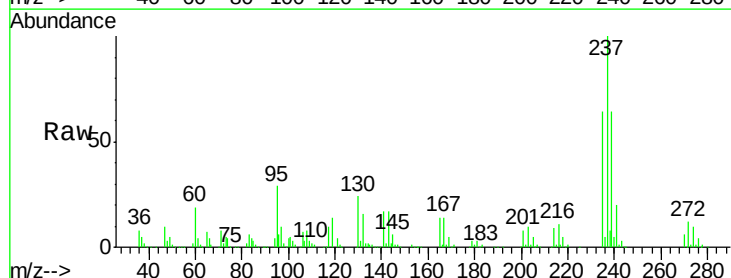
Tgt Ion:237 Resp: 281320

Ion Ratio Lower Upper

237 100

235 63.5 47.2 87.2

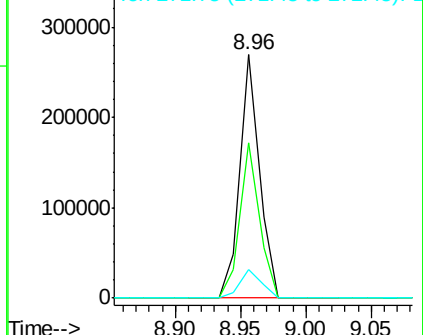
272 11.8 0.0 31.1

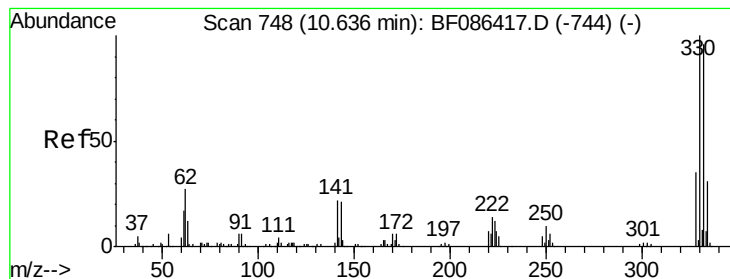


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 122.43 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

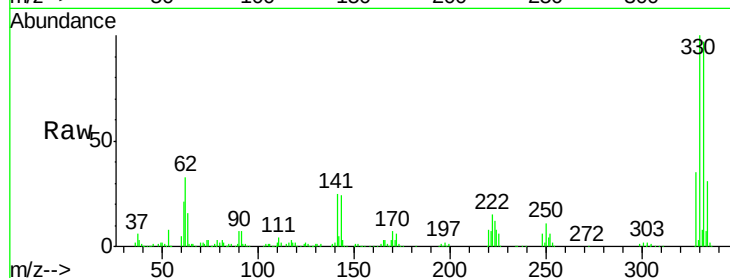
Tot Ion:330 Resp: 316833

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

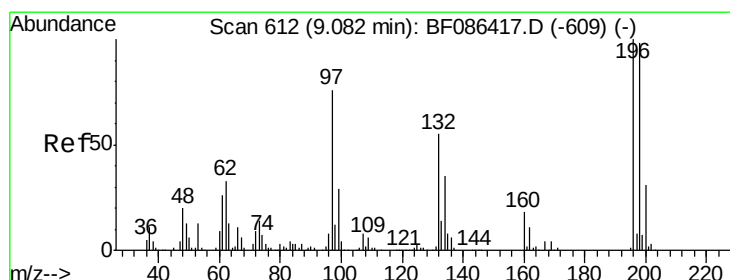
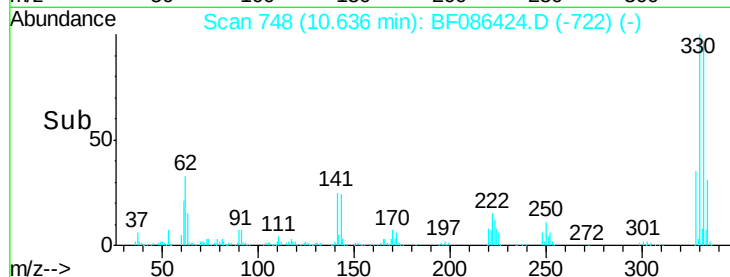
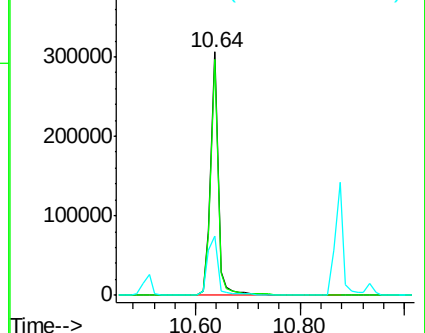
141 32.1 31.2 46.8



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: 40.42 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

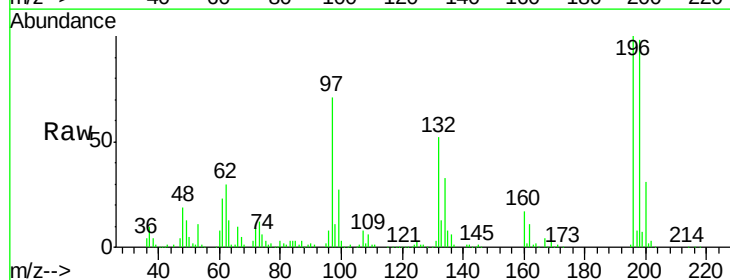
Tgt Ion:196 Resp: 179493

Ion Ratio Lower Upper

196 100

198 98.5 74.7 112.1

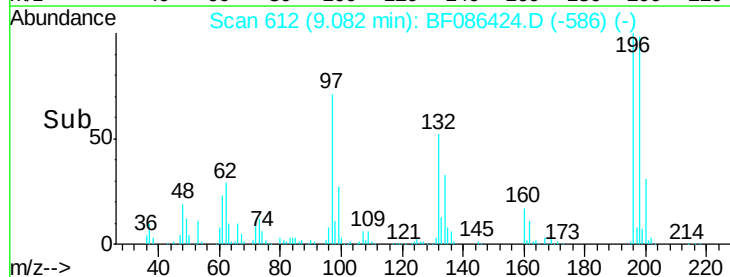
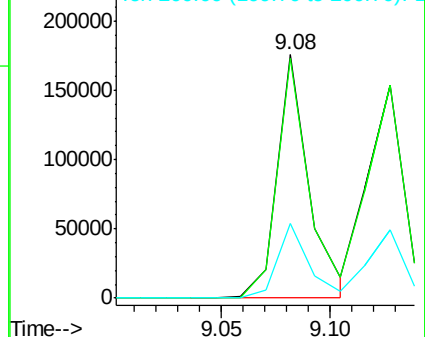
200 30.9 23.8 35.6

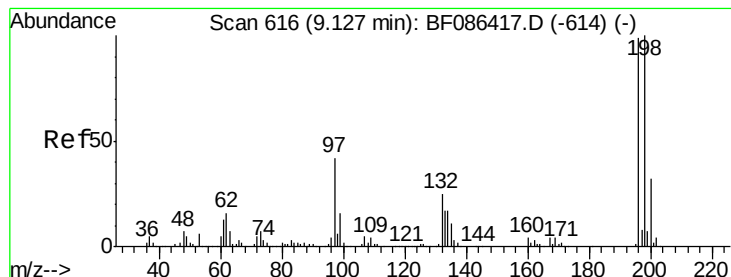


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

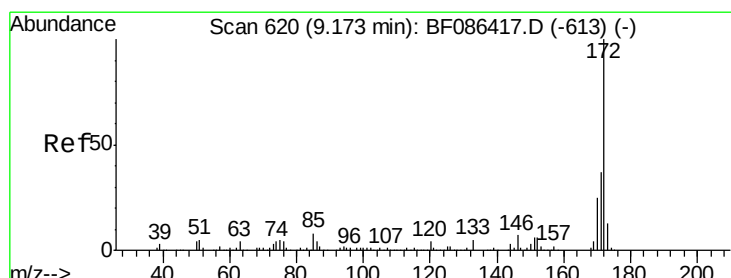
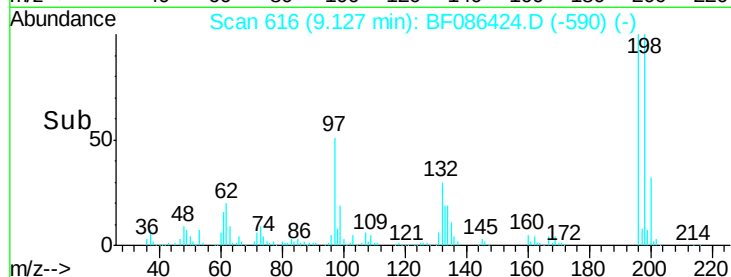
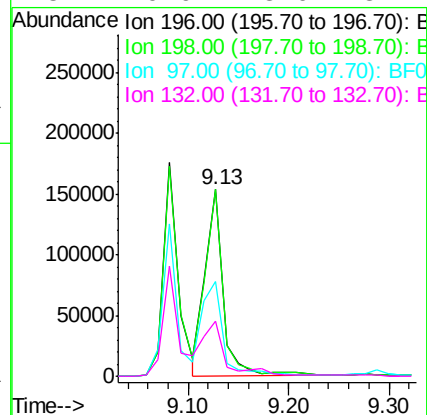
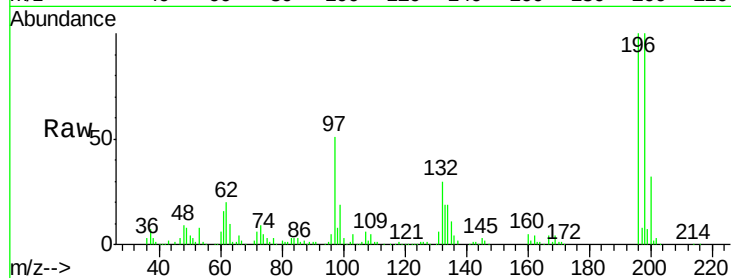




#43
 2,4,5-Trichlorophenol
 Concen: 39.60 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

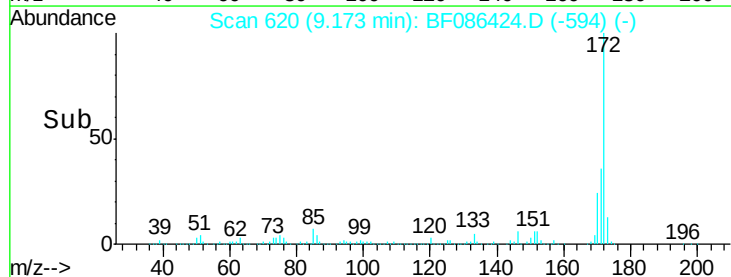
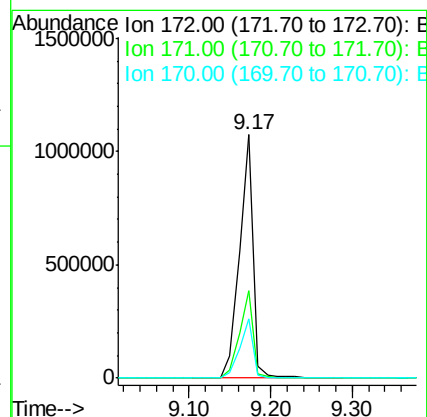
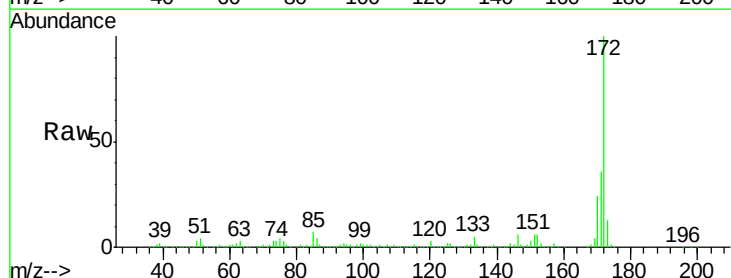
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

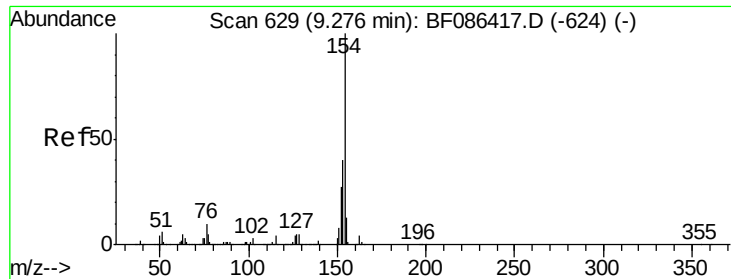
Tot Ion:196 Resp: 191657
 Ion Ratio Lower Upper
 196 100
 198 100.3 77.5 116.3
 97 50.9 34.8 52.2
 132 29.9 23.0 34.4



#44
 2-Fluorobiphenyl
 Concen: 90.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:172 Resp: 1256358
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.4 19.8 29.8





#45

1,1'-Biphenyl

Concen: 37.16 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

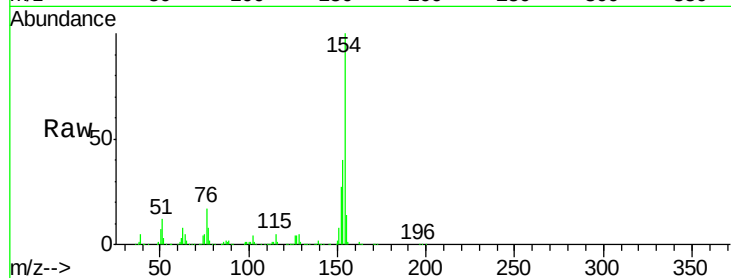
Tot Ion:154 Resp: 762258

Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

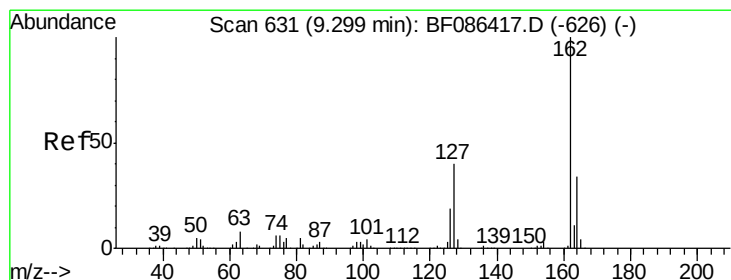
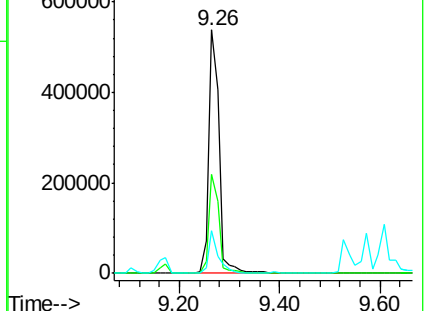
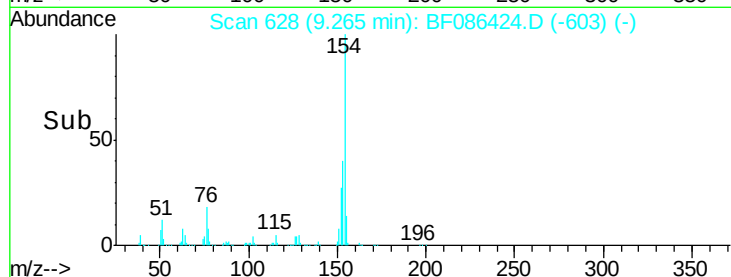
76 17.5 0.0 30.2



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: 36.95 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

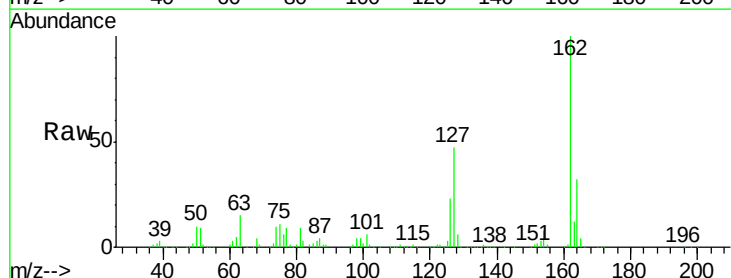
Tgt Ion:162 Resp: 576293

Ion Ratio Lower Upper

162 100

127 47.3 31.8 47.6

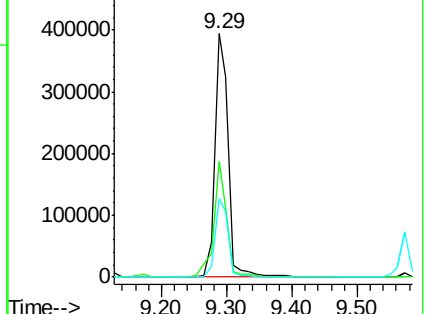
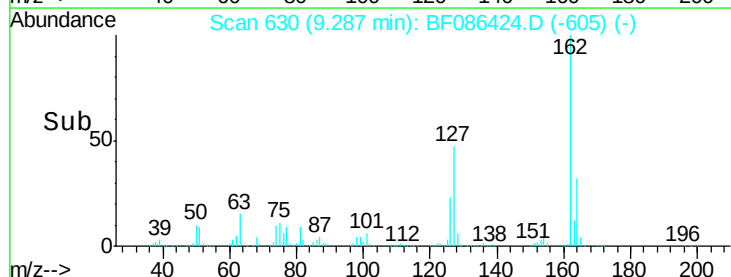
164 32.3 27.0 40.6

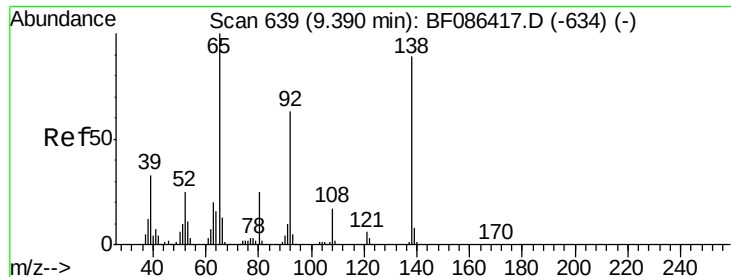


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

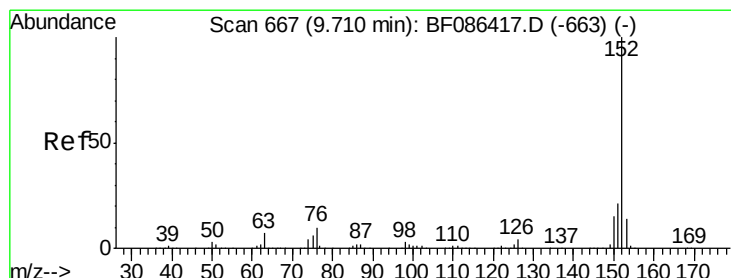
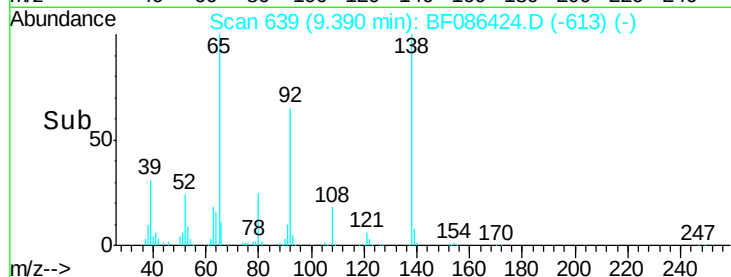
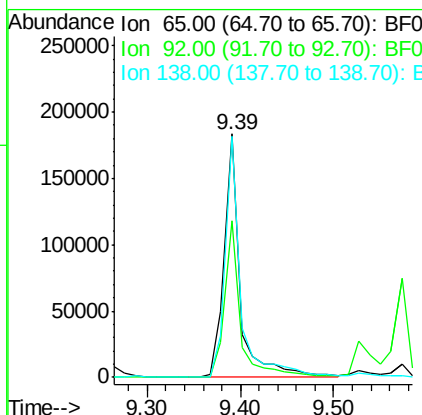
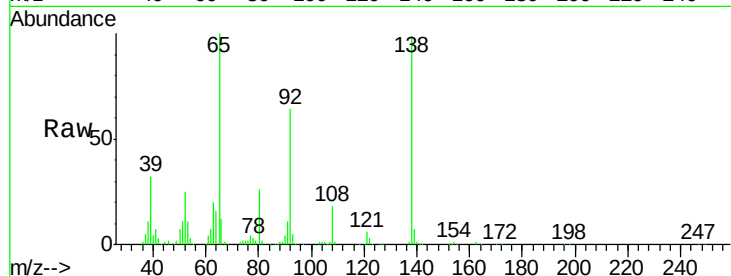




#47
2-Nitroaniline
Concen: 44.42 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

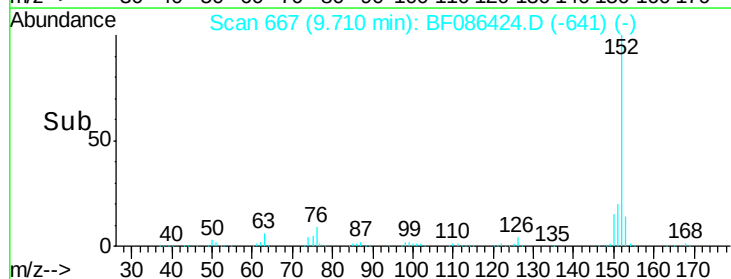
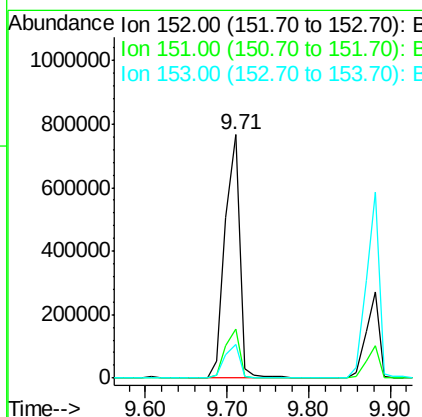
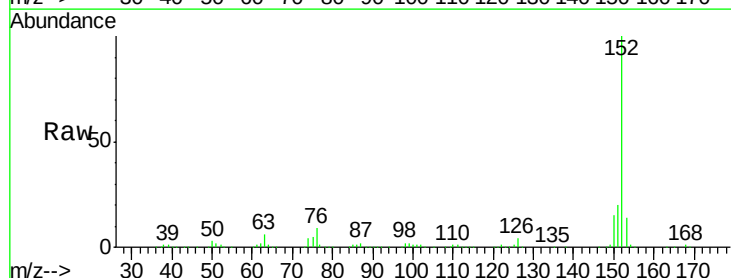
Instrument :
BNA_F
ClientSampleId :
PB90056BS

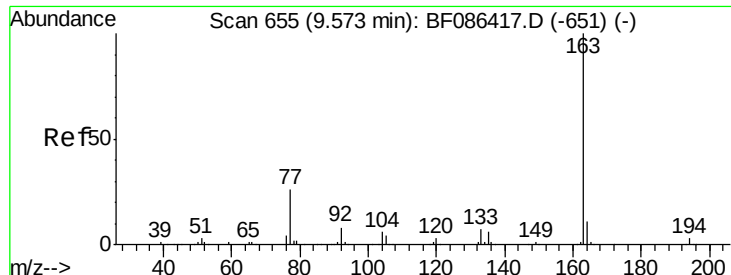
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	57.4	86.2
138	99.1	90.1	135.1



#48
Acenaphthylene
Concen: 39.08 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.6	10.9	16.3





#49

Dimethylphthalate

Concen: 37.24 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

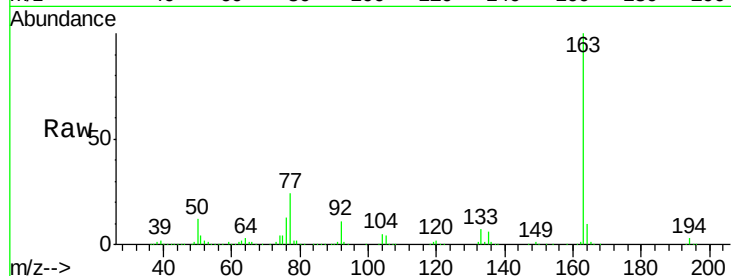
Tot Ion:163 Resp: 688001

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

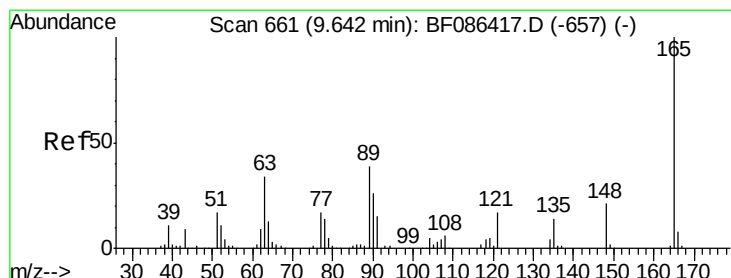
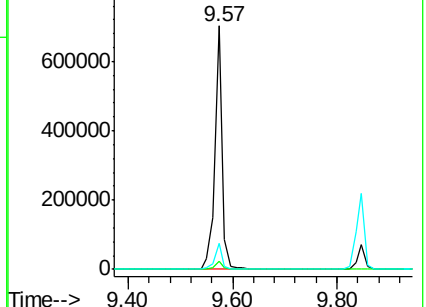
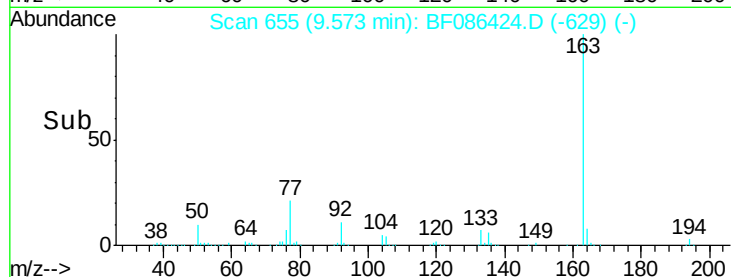
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.95 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

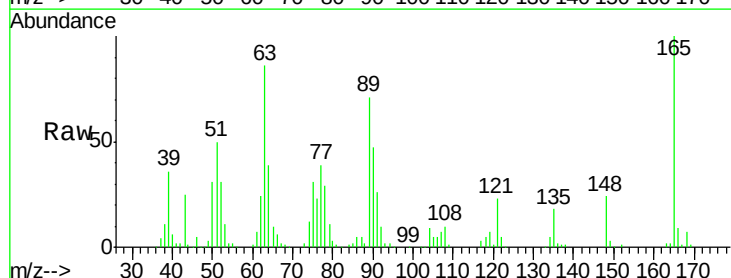
Tgt Ion:165 Resp: 144840

Ion Ratio Lower Upper

165 100

63 85.6 51.8 77.8#

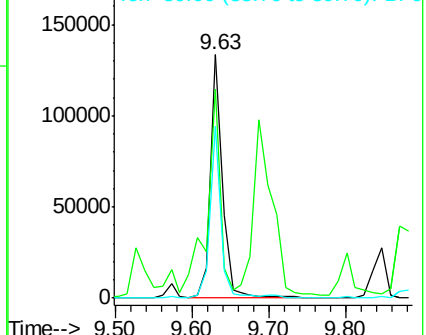
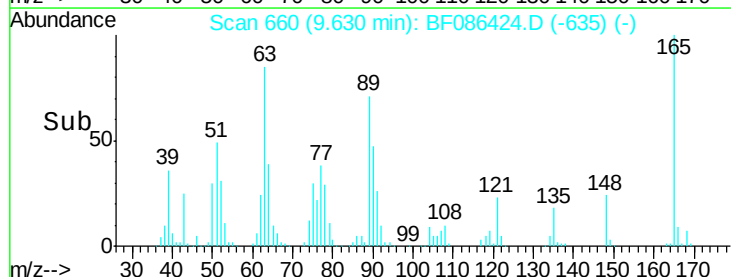
89 70.8 50.7 76.1

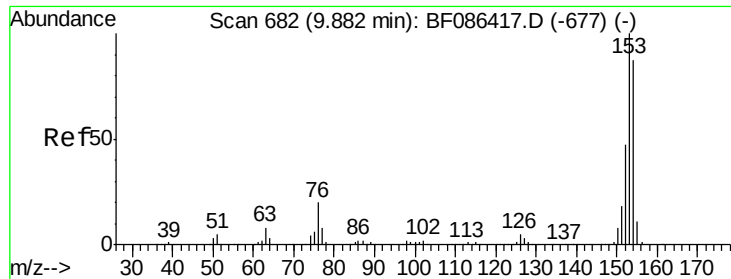


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.59 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

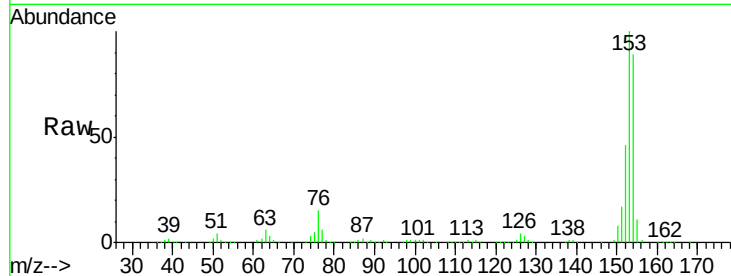
Tot Ion:154 Resp: 682623

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.6

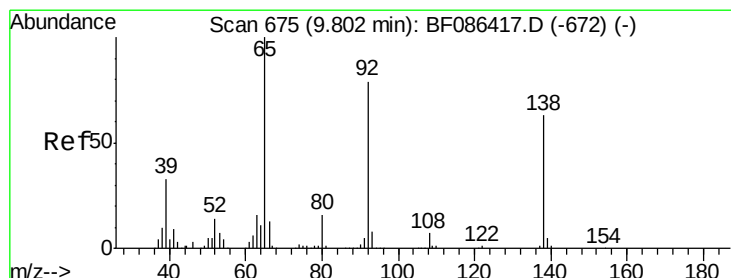
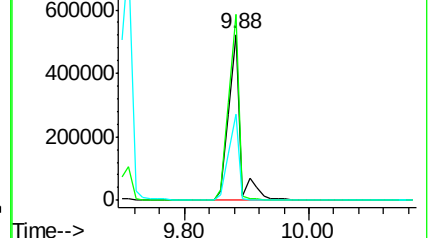
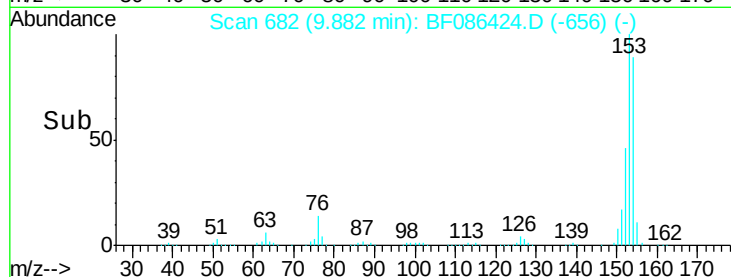
152 51.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.25 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

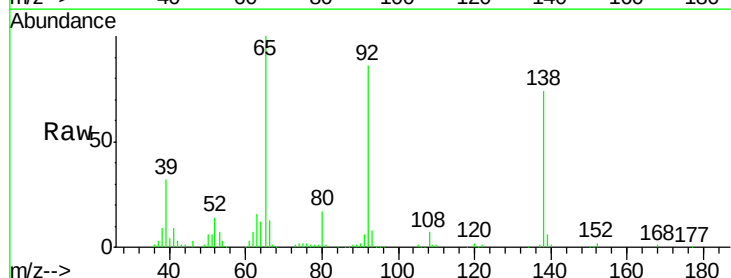
Tgt Ion:138 Resp: 139968

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

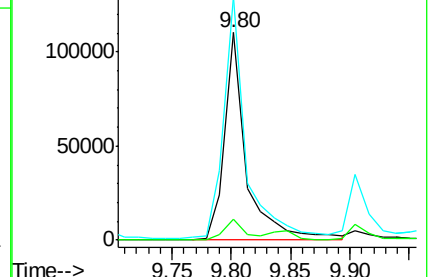
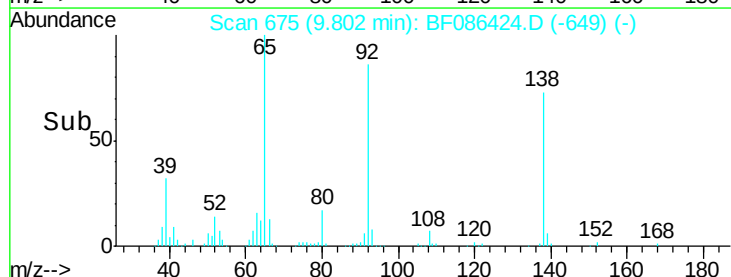
92 117.3 87.8 131.8

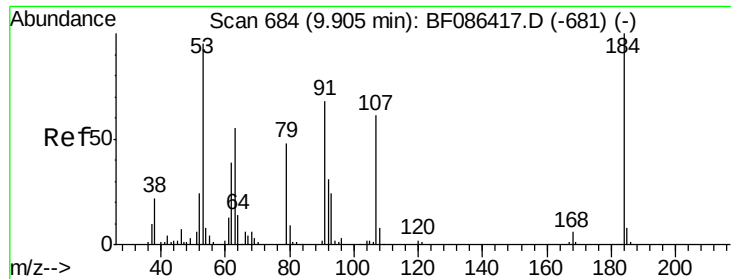


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

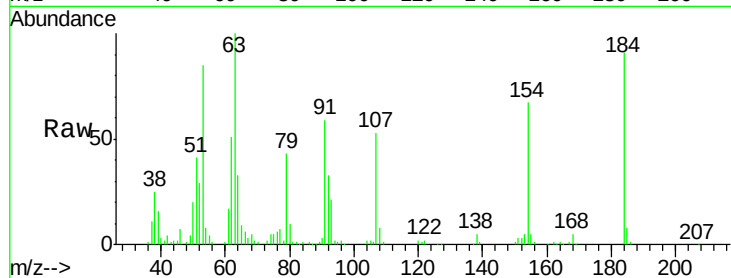




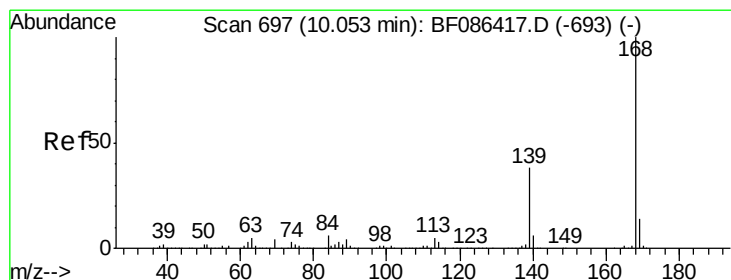
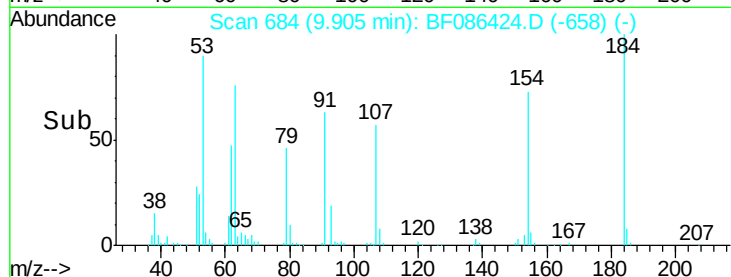
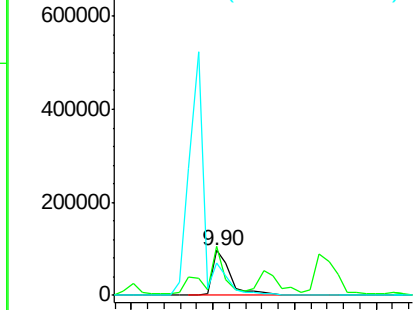
#53
2,4-Dinitrophenol
Concen: 72.76 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion:184 Resp: 150199
Ion Ratio Lower Upper
184 100
63 110.4 55.8 83.8#
154 73.5 62.4 93.6

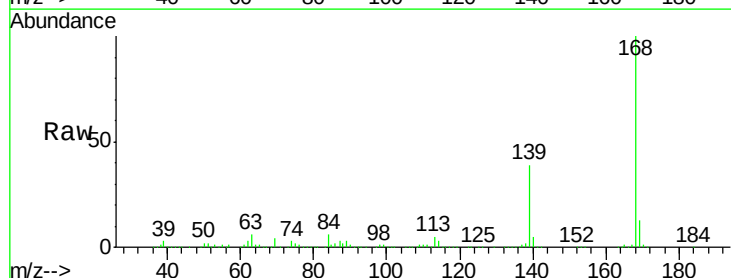


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

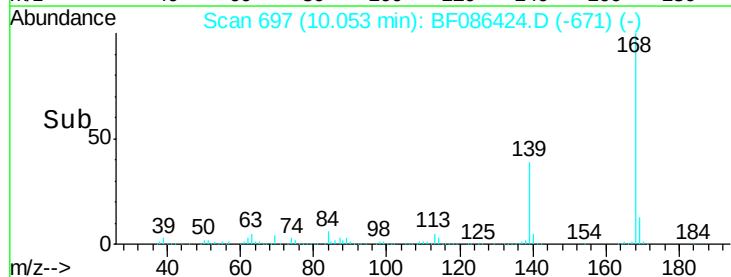
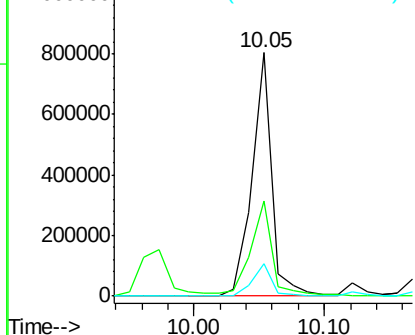


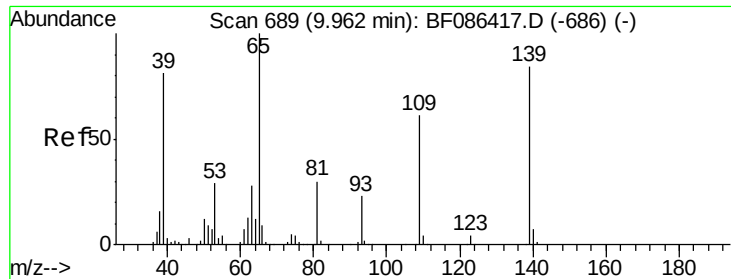
#54
Dibenzofuran
Concen: 43.44 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion:168 Resp: 850105
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 13.4 10.7 16.1



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

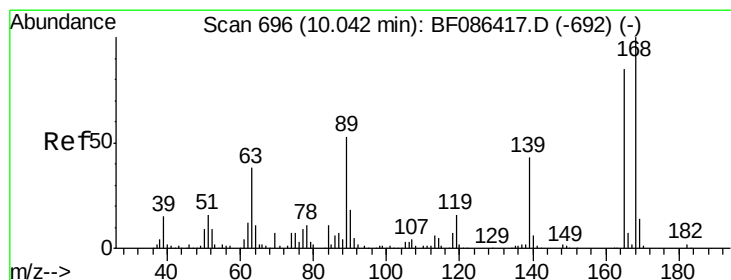
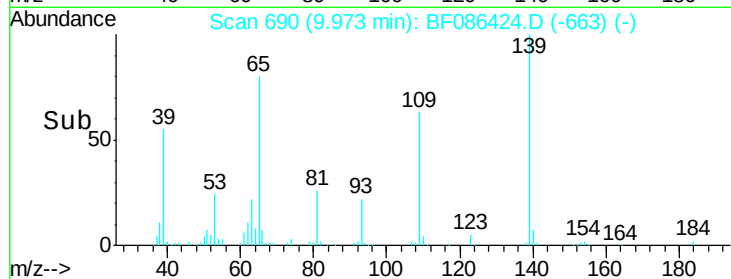
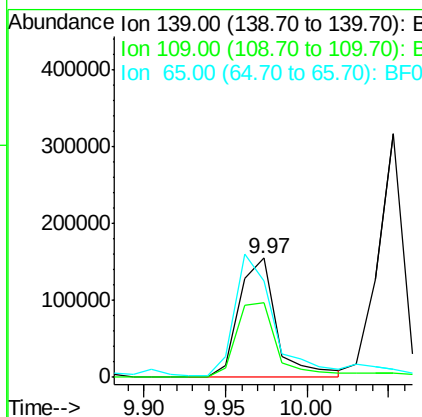
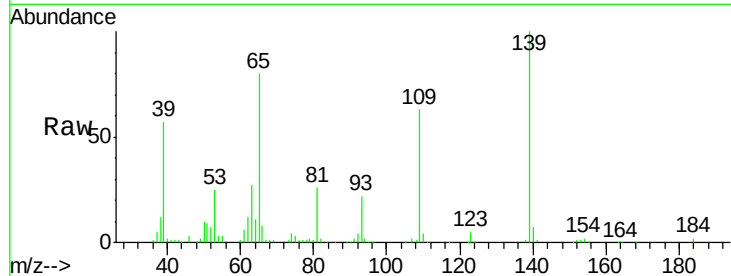




#55
4-Nitrophenol
Concen: 86.70 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

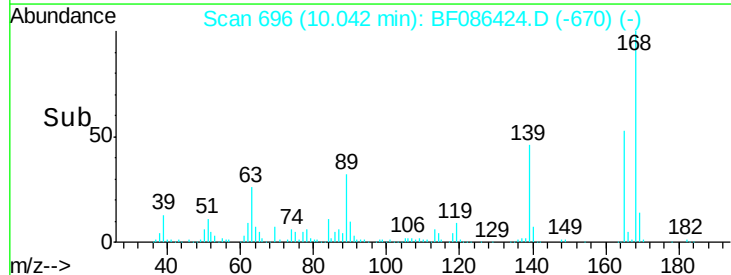
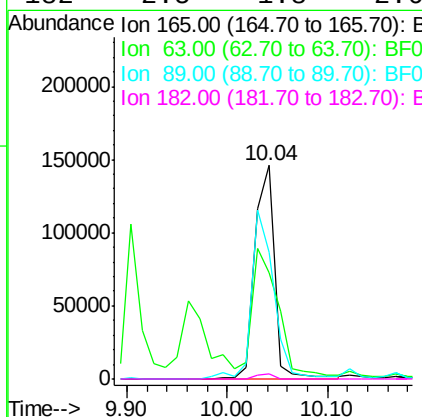
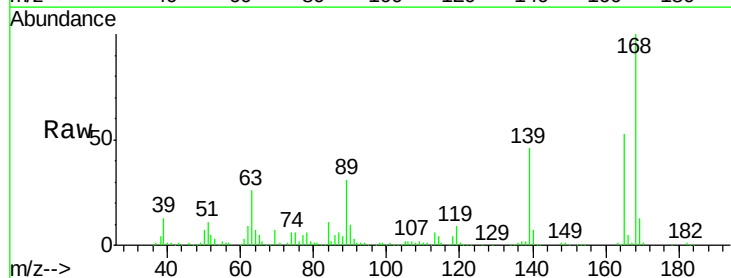
Instrument :
BNA_F
ClientSampleId :
PB90056BS

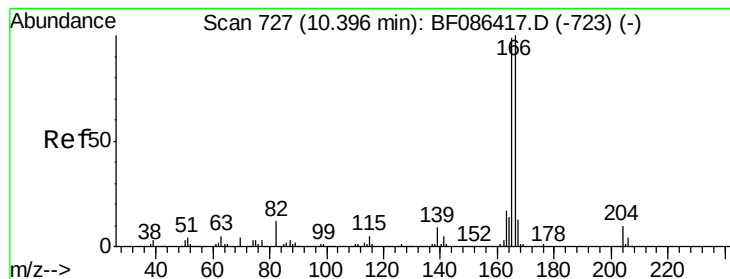
Tot Ion:139 Resp: 246410
Ion Ratio Lower Upper
139 100
109 63.0 36.9 76.9
65 80.5 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 41.19 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion:165 Resp: 200426
Ion Ratio Lower Upper
165 100
63 49.7 44.3 66.5
89 59.5 70.0 105.0#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 37.85 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

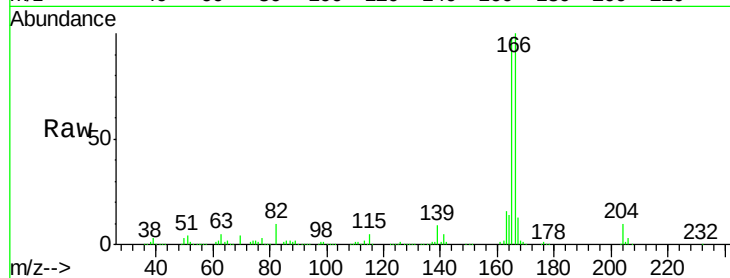
Tot Ion:166 Resp: 643218

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.6

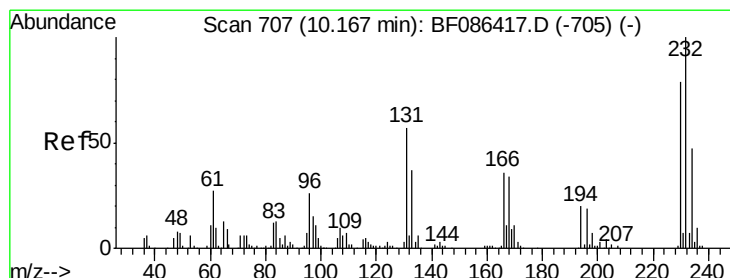
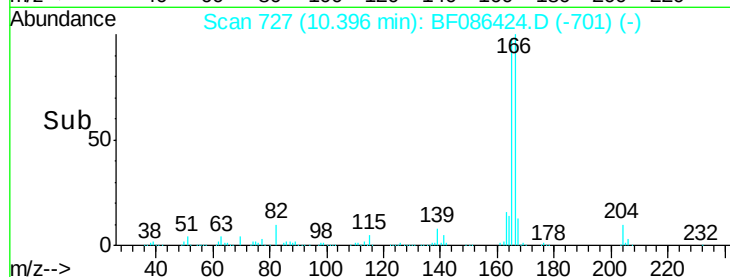
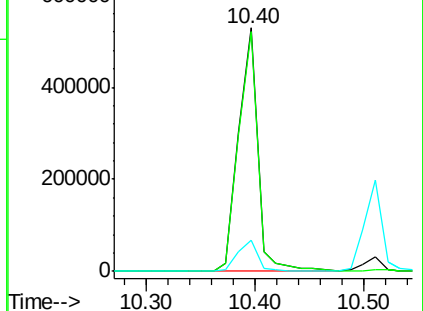
167 12.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.08 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:232 Resp: 174341

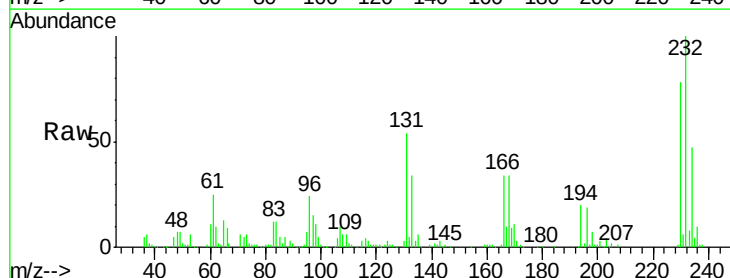
Ion Ratio Lower Upper

232 100

131 50.2 41.9 62.9

130 2.4 2.2 3.4

166 30.4 26.8 40.2

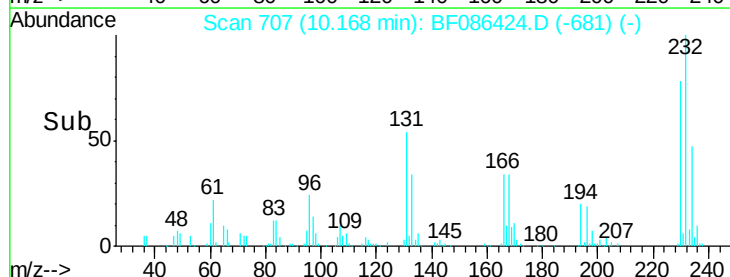
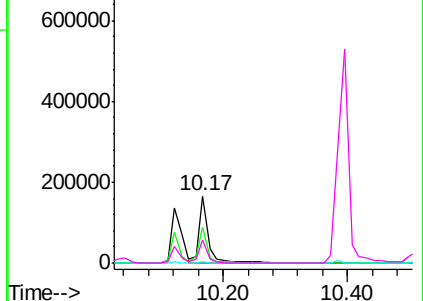


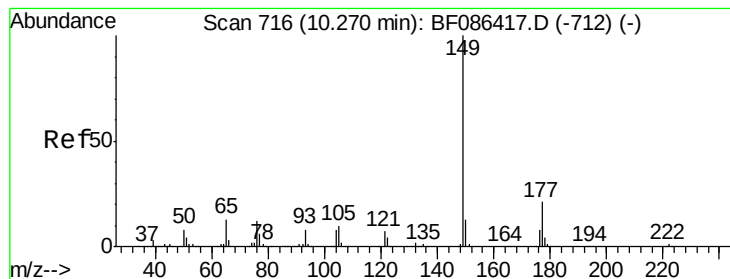
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.66 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

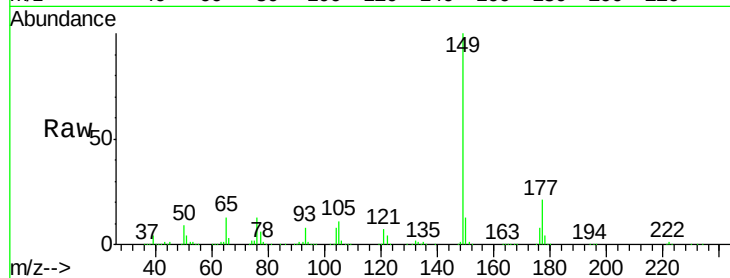
Tot Ion:149 Resp: 641079

Ion Ratio Lower Upper

149 100

177 20.9 16.6 24.8

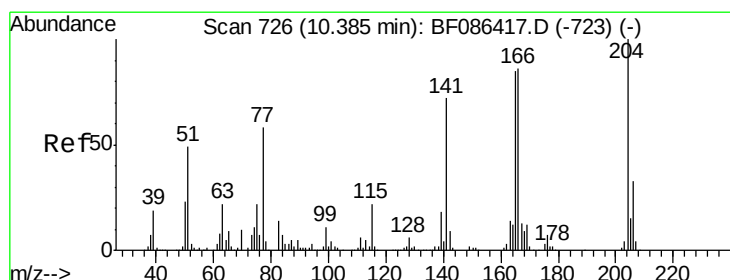
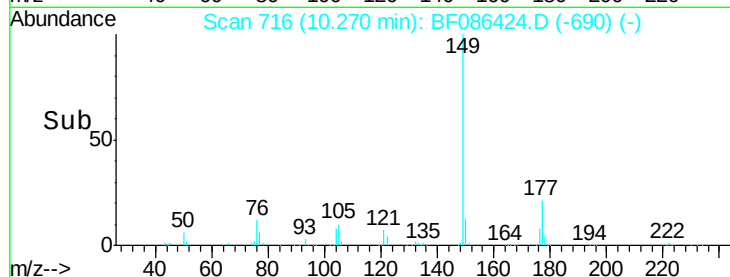
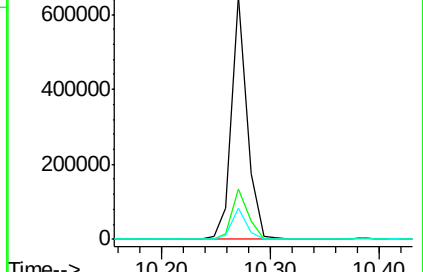
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.21 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

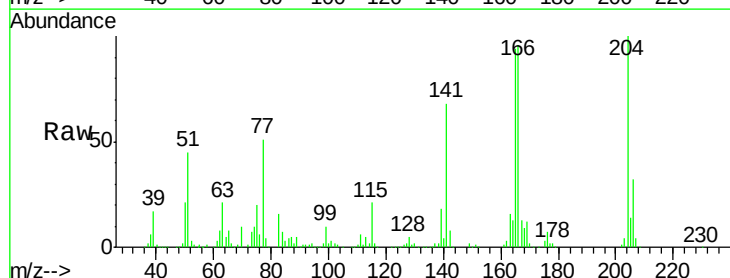
Tgt Ion:204 Resp: 294758

Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

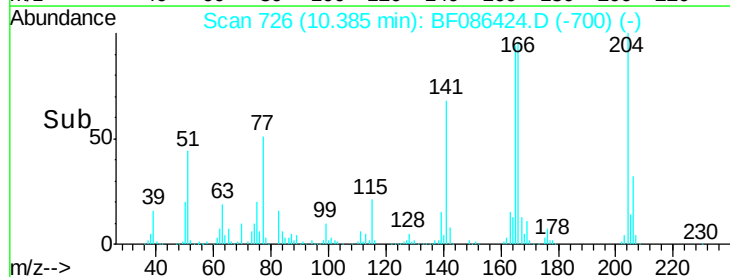
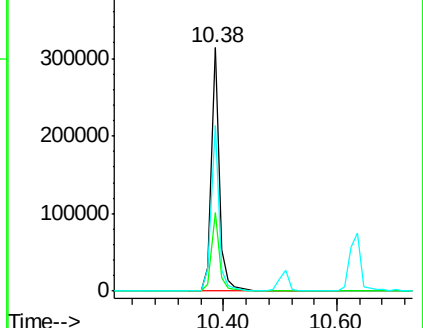
141 67.9 61.6 92.4

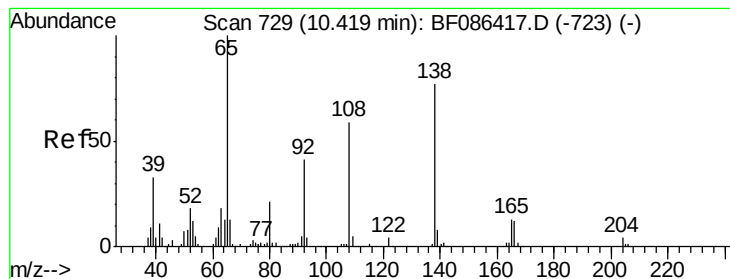


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.86 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampled :

PB90056BS

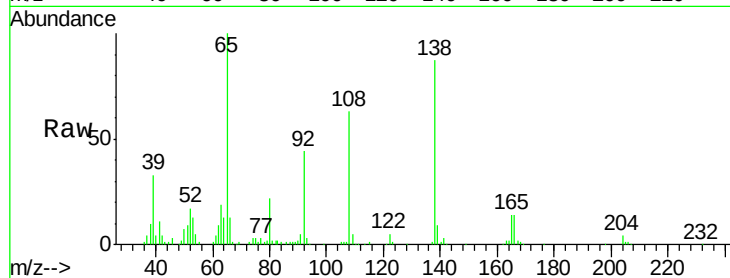
Tot Ion:138 Resp: 177611

Ion Ratio Lower Upper

138 100

92 50.6 24.7 64.7

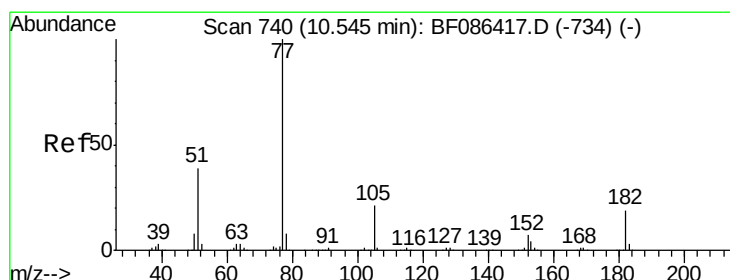
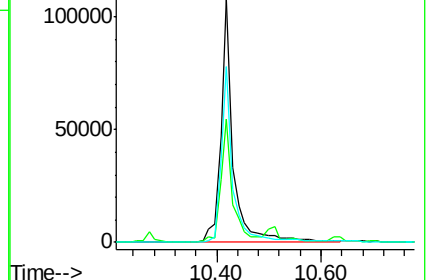
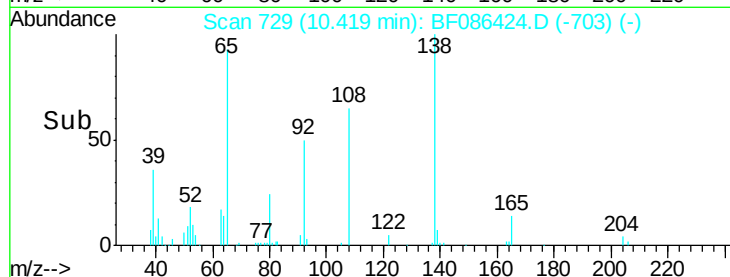
108 72.1 37.4 77.4



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: 42.16 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion: 77 Resp: 807573

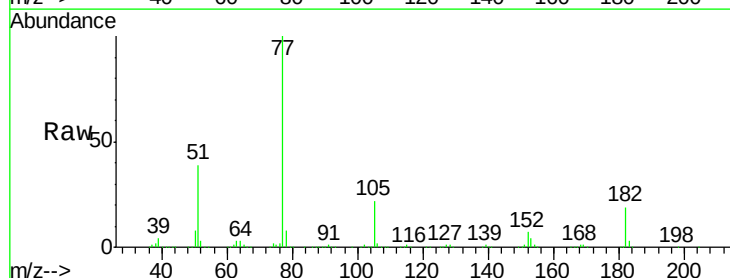
Ion Ratio Lower Upper

77 100

182 19.3 0.0 38.8

105 21.5 3.2 43.2

51 38.6 8.8 48.8

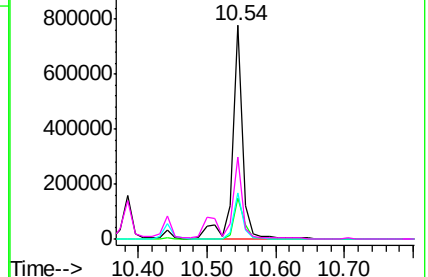
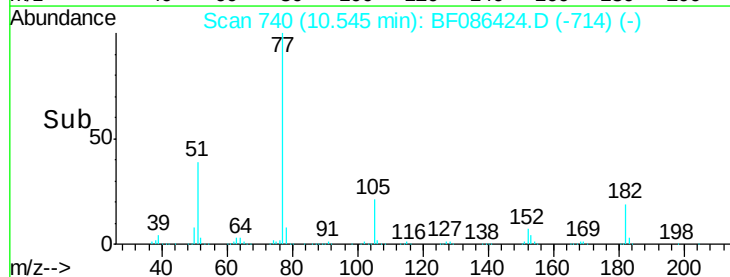


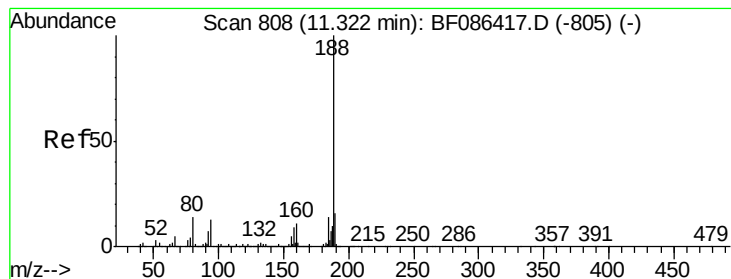
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

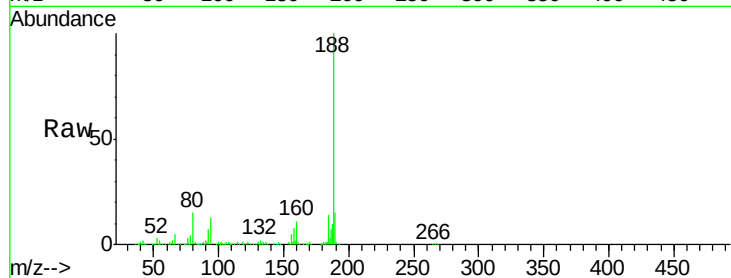
Tot Ion:188 Resp: 445008

Ion Ratio Lower Upper

188 100

94 12.9 6.8 10.2#

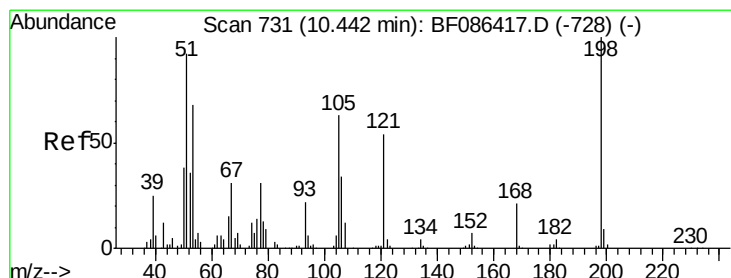
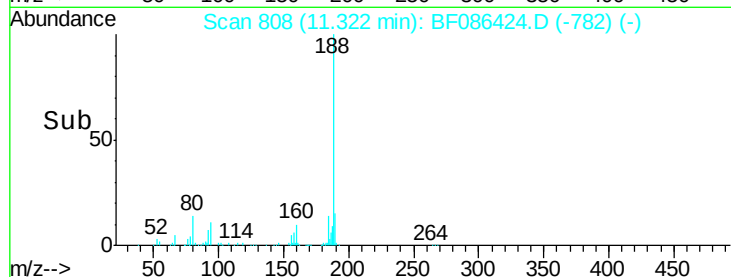
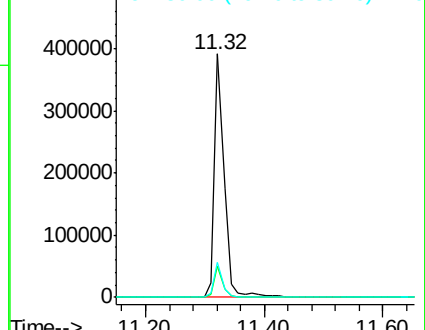
80 14.5 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.35 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

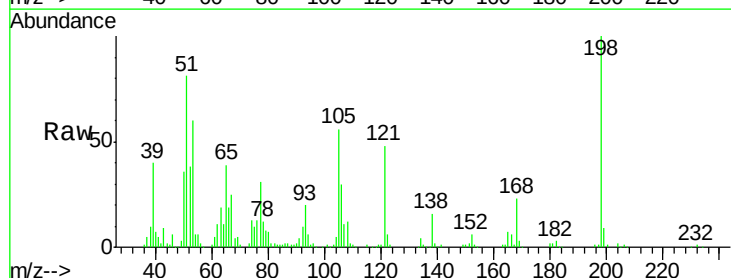
Tgt Ion:198 Resp: 105426

Ion Ratio Lower Upper

198 100

51 81.1 20.5 60.5#

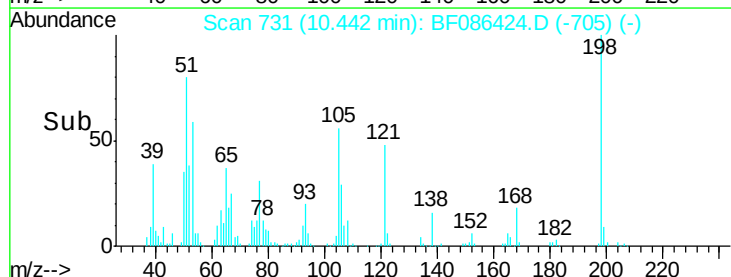
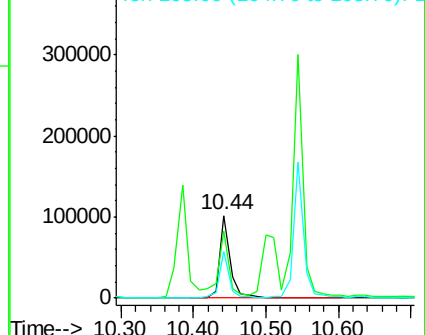
105 55.7 24.5 64.5

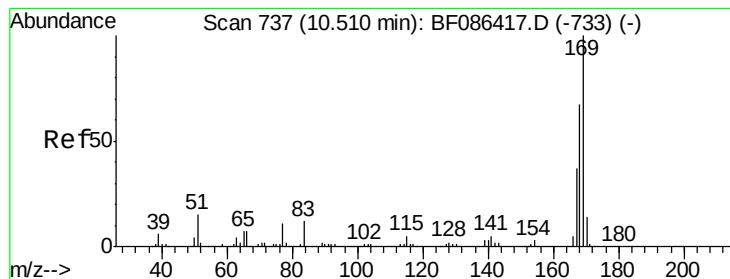


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

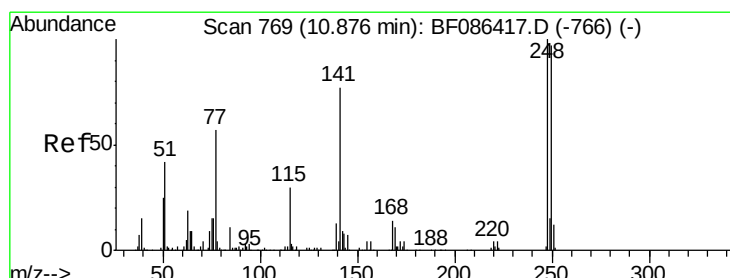
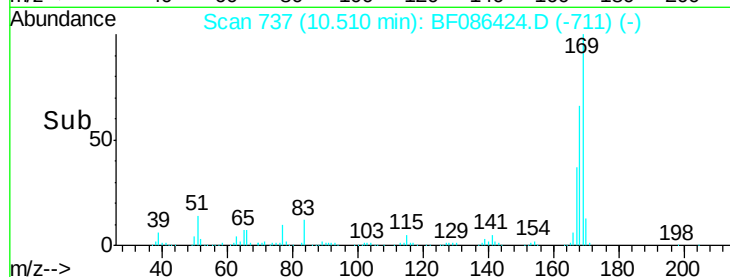
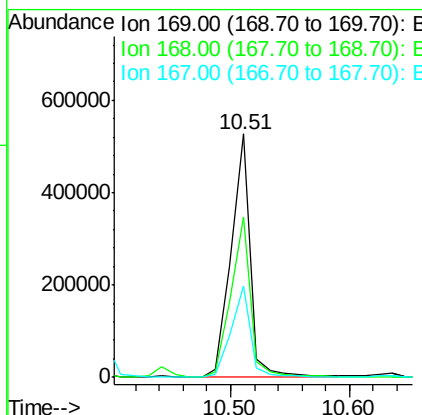
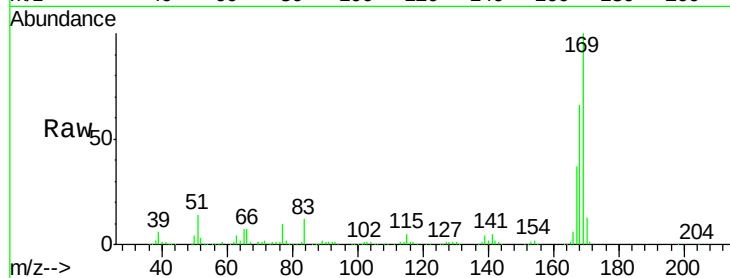




#65
n-Nitrosodiphenylamine
Concen: 42.32 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

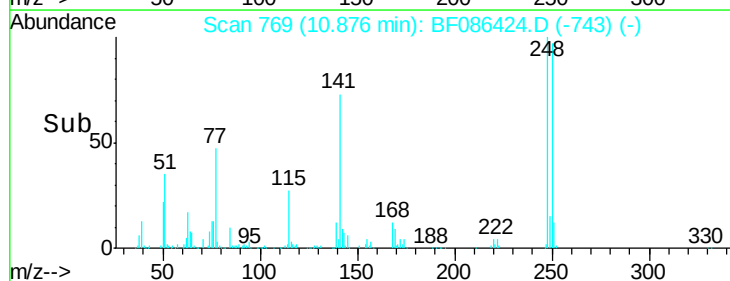
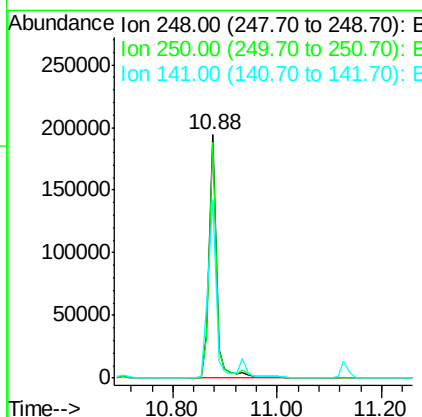
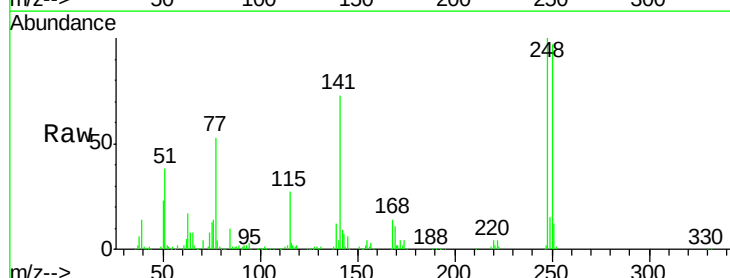
Instrument :
BNA_F
ClientSampleId :
PB90056BS

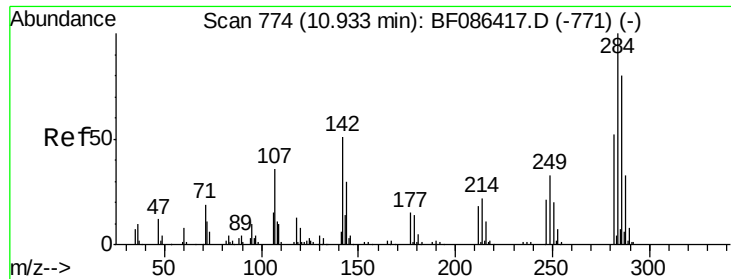
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.8	80.6
167	37.4	29.5	44.3



#66
4-Bromophenyl-phenylether
Concen: 42.26 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.6	117.8
141	73.5	76.0	114.0

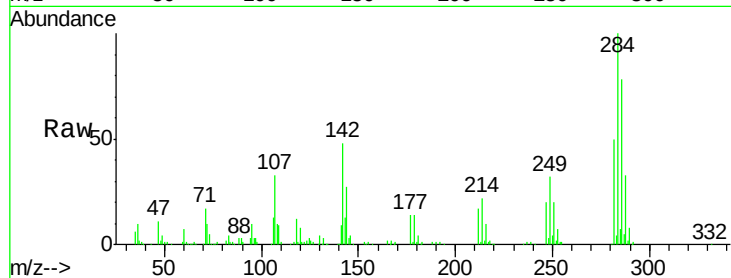




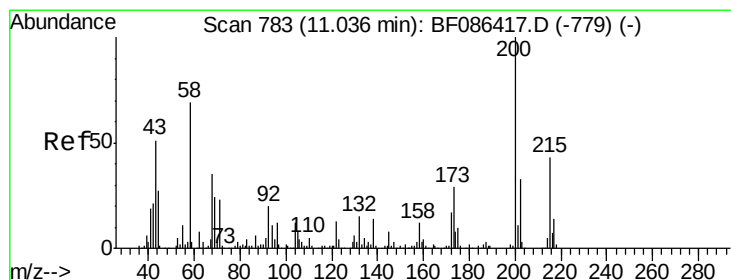
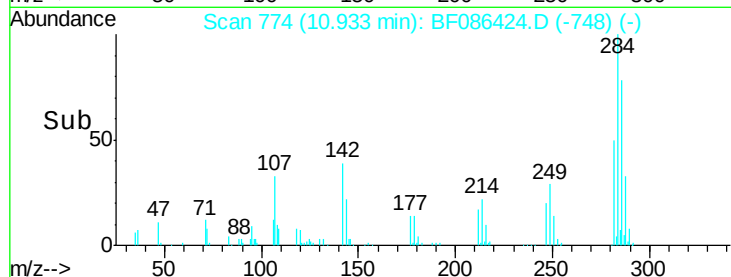
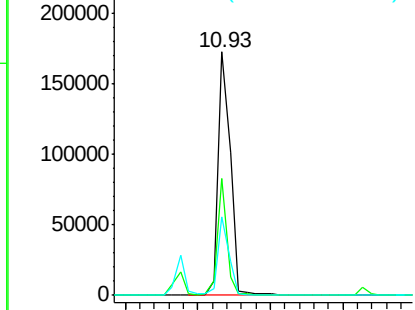
#67
Hexachlorobenzene
Concen: 38.11 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion:284 Resp: 202280
Ion Ratio Lower Upper
284 100
142 48.1 16.7 25.1#
249 32.1 21.3 31.9#

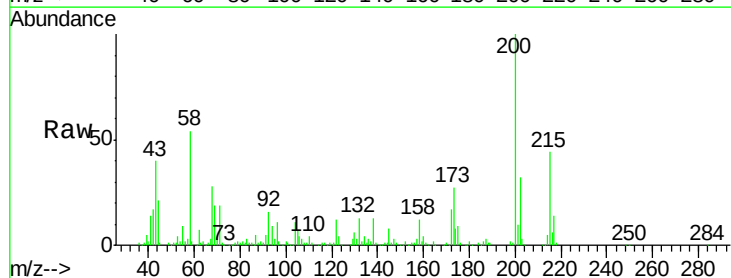


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

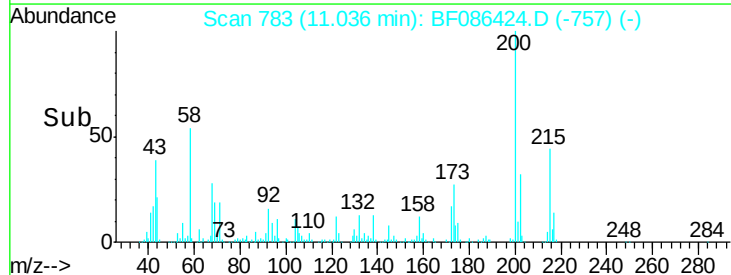
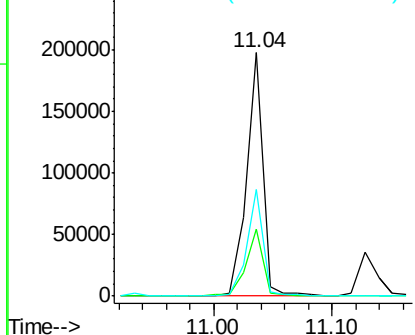


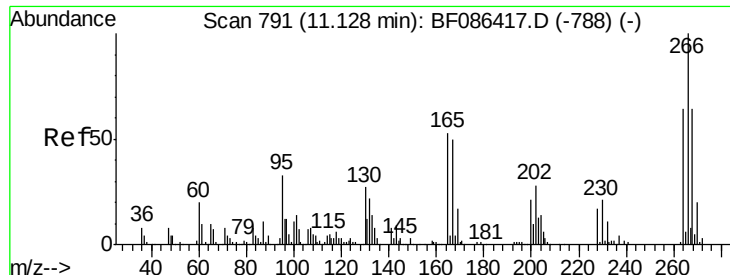
#68
Atrazine
Concen: 45.98 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion:200 Resp: 192031
Ion Ratio Lower Upper
200 100
173 27.5 8.5 48.5
215 43.7 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

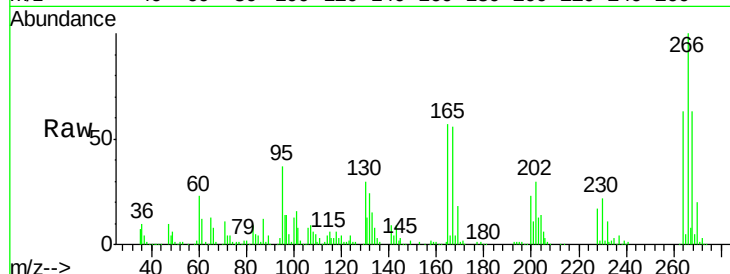




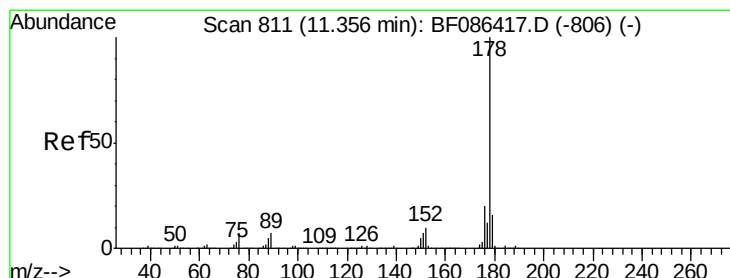
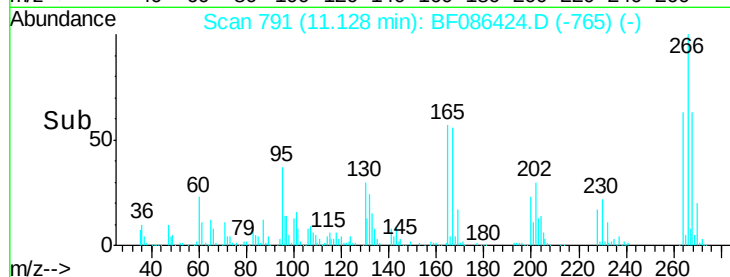
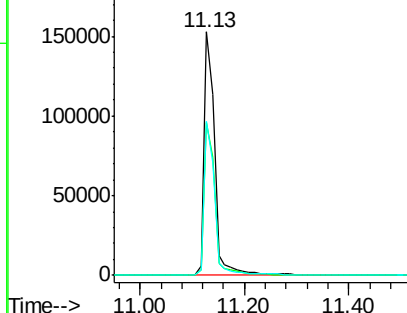
#69
 Pentachlorophenol
 Concen: 77.40 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion:266 Resp: 216600
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 63.2 52.9 79.3

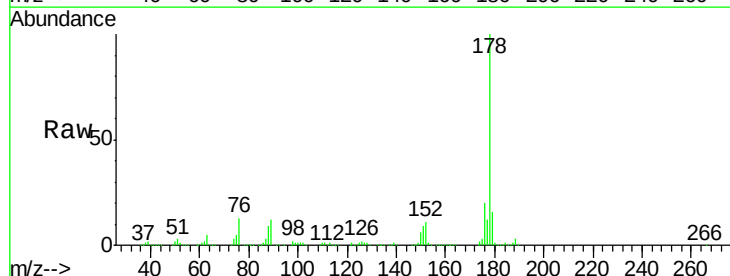


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

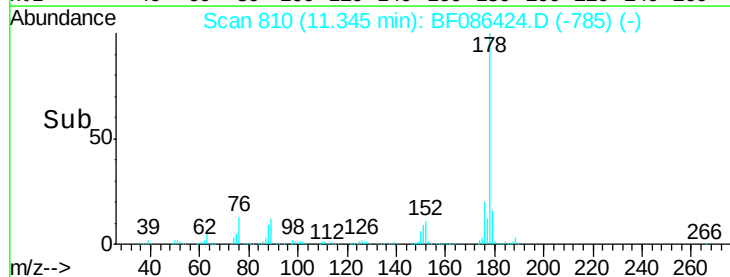
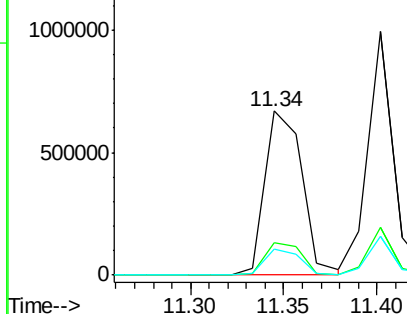


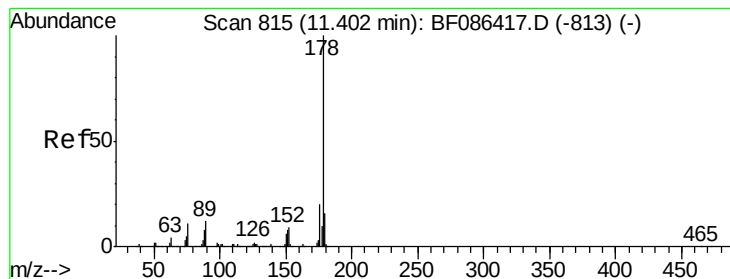
#70
 Phenanthrene
 Concen: 39.39 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:178 Resp: 919913
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 40.68 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

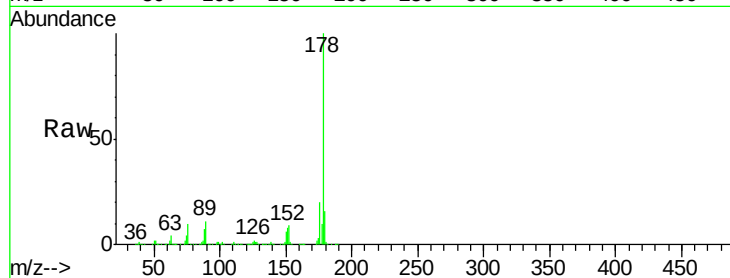
Tot Ion:178 Resp: 1013957

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

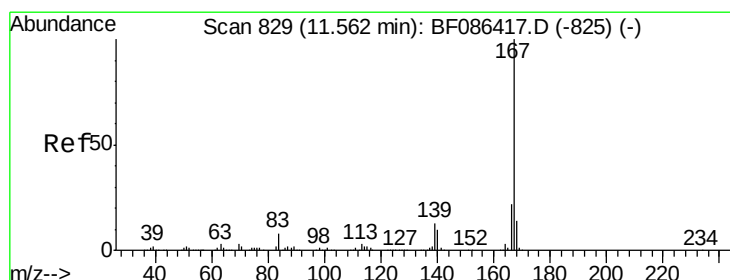
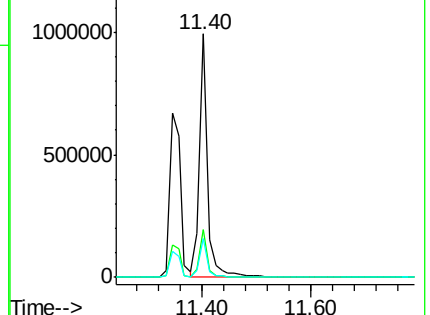
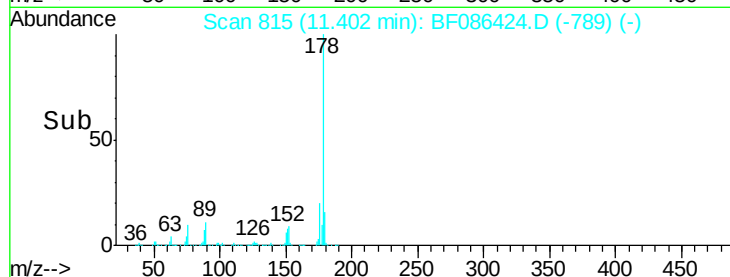
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.94 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

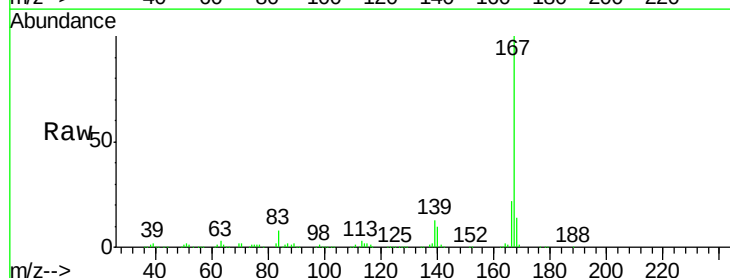
Tgt Ion:167 Resp: 926358

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

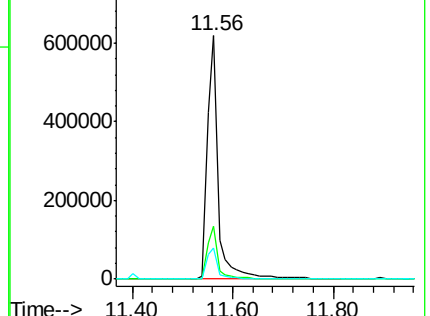
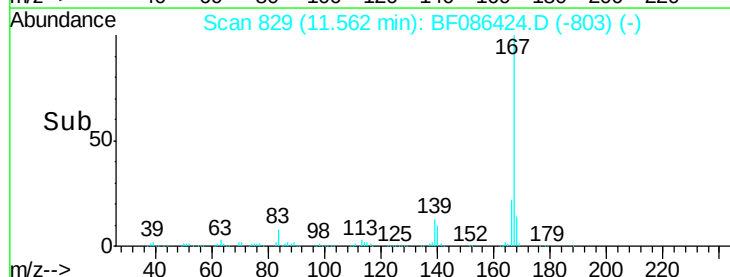
139 12.6 10.8 16.2

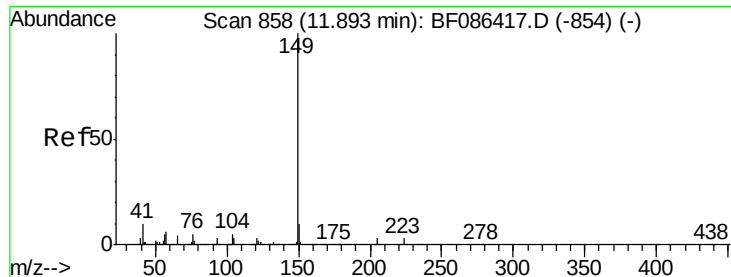


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.96 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

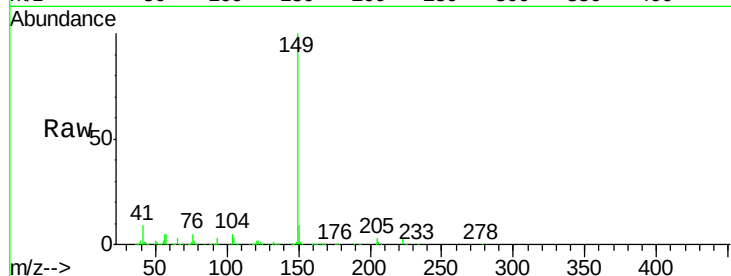
Tot Ion:149 Resp: 1075132

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

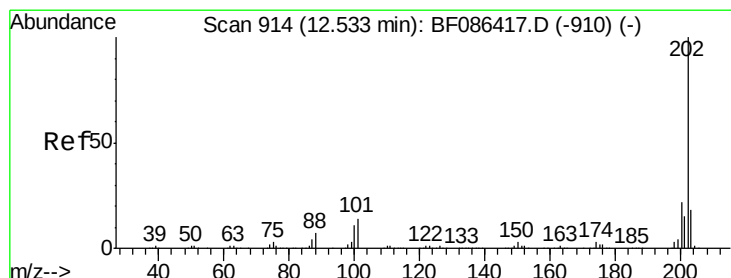
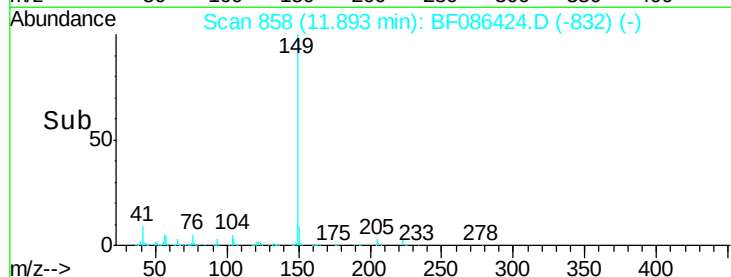
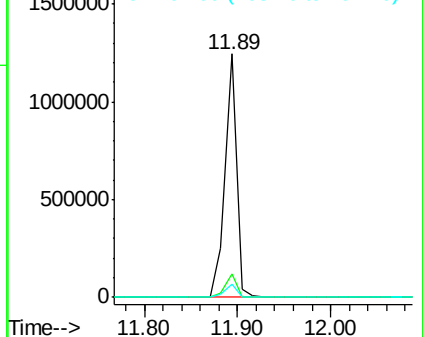
104 5.2 3.8 5.6



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: 42.24 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

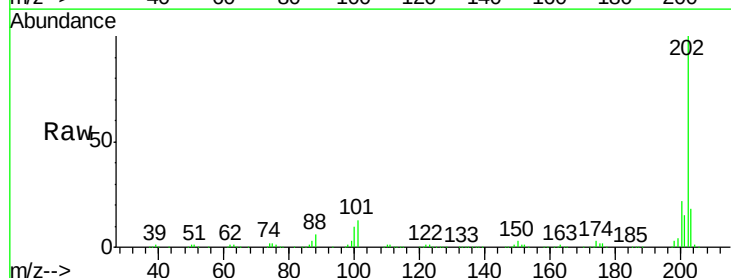
Tgt Ion:202 Resp: 995804

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.4

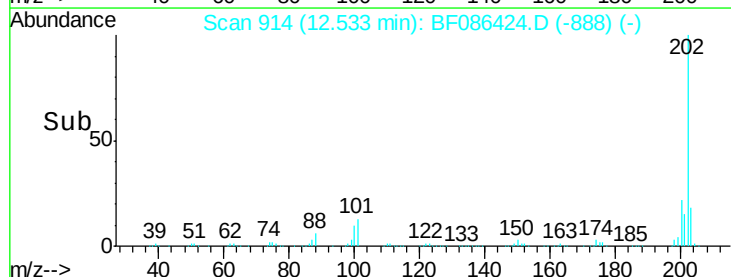
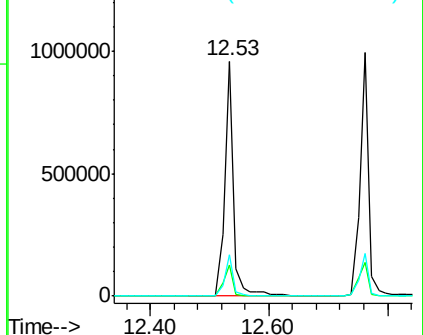
203 17.7 0.0 38.1

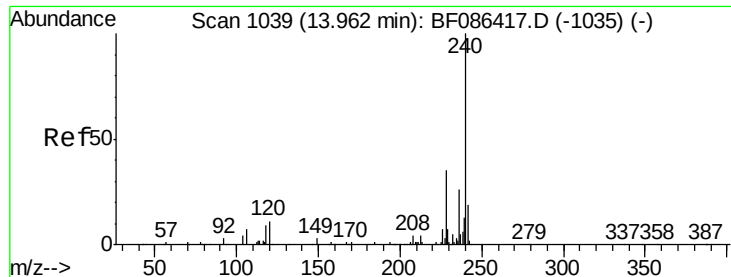


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

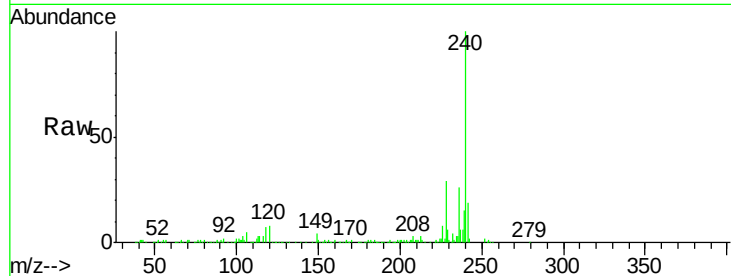
Tot Ion:240 Resp: 319841

Ion Ratio Lower Upper

240 100

120 7.9 11.2 16.8#

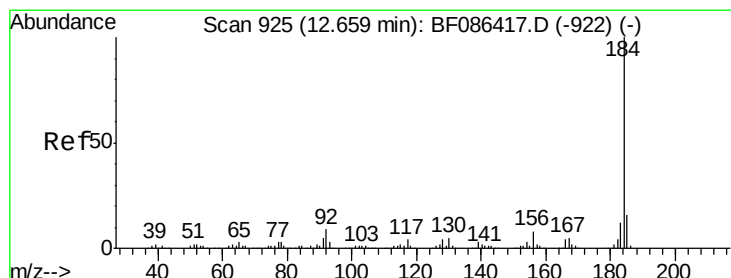
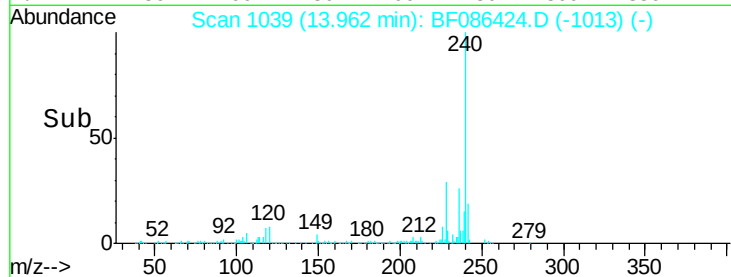
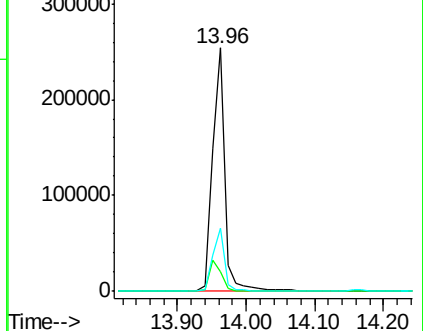
236 26.0 21.2 31.8



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: 34.89 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

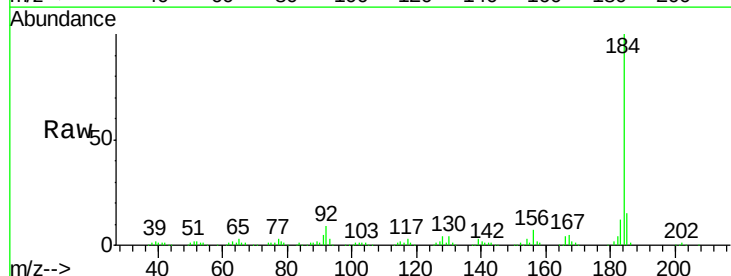
Tgt Ion:184 Resp: 383466

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

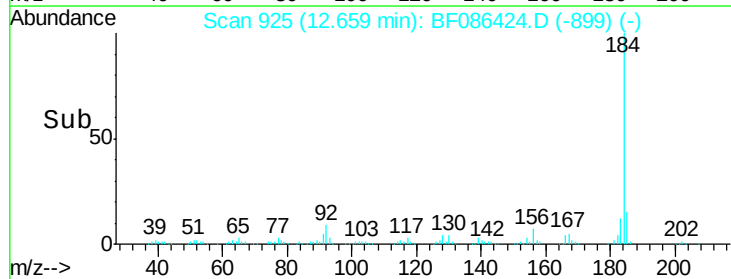
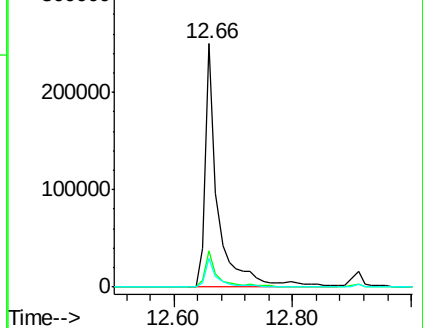
183 11.5 9.8 14.6

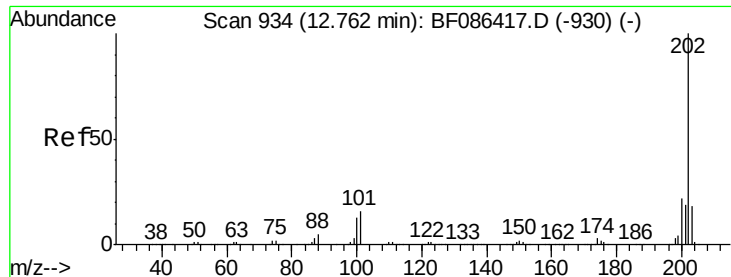


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.33 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

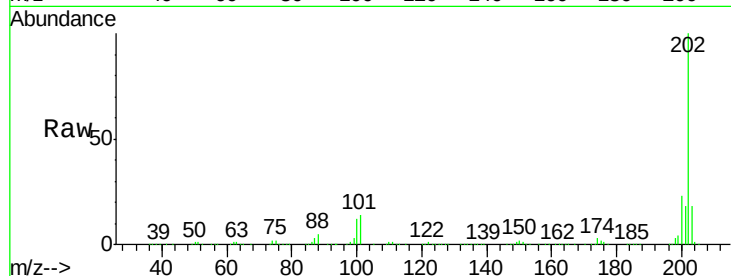
Tot Ion:202 Resp: 998561

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

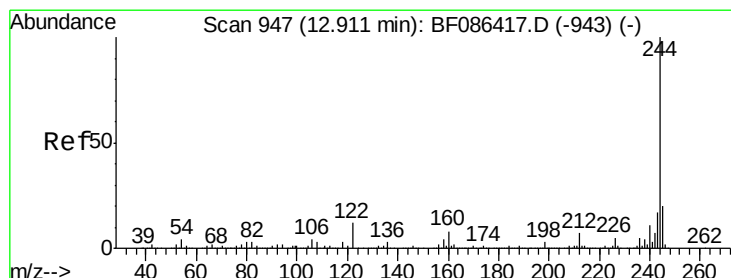
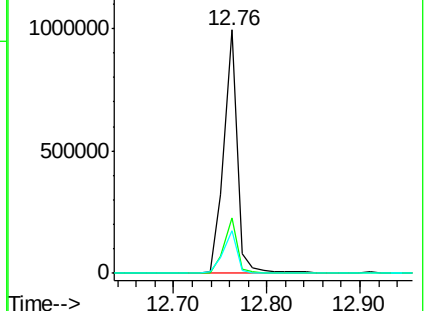
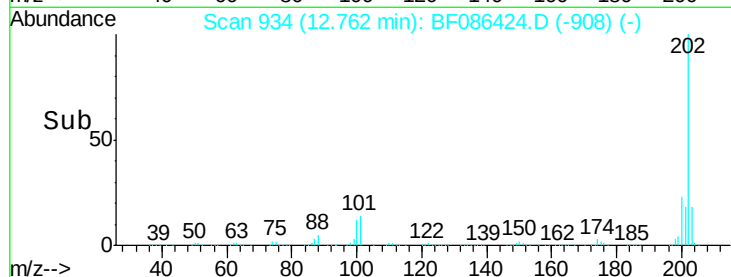
203 17.8 14.2 21.4



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: 79.57 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

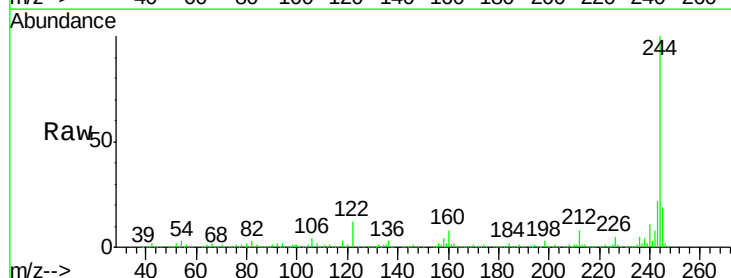
Tgt Ion:244 Resp: 1155135

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

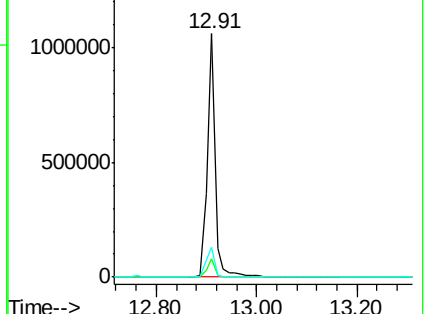
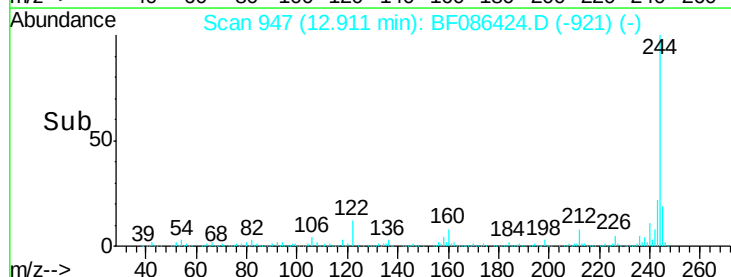
122 12.3 12.0 18.0

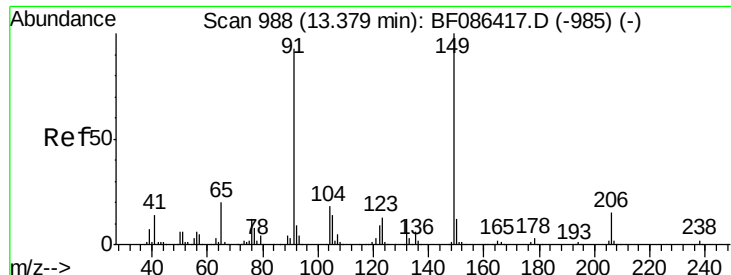


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

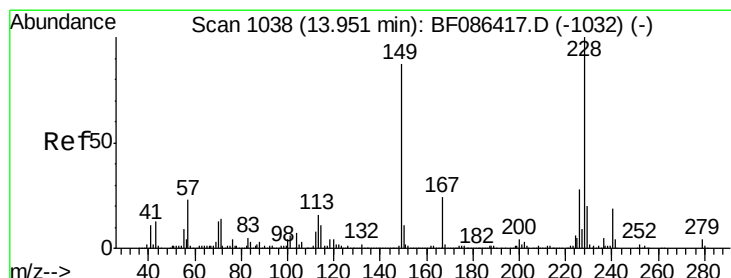
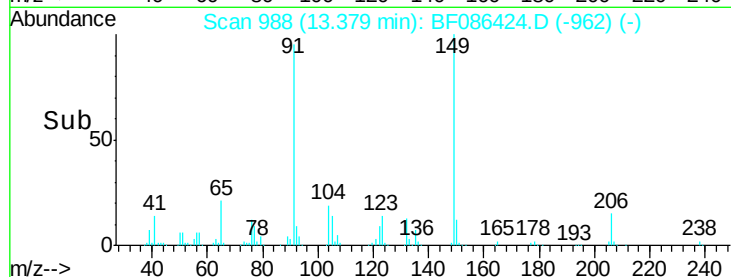
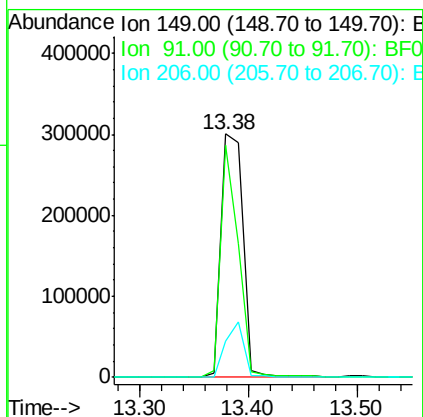
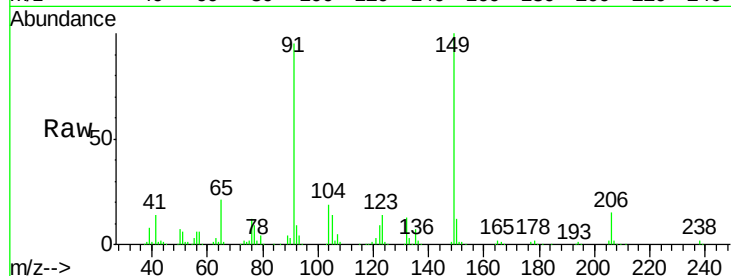




#79
Butylbenzylphthalate
Concen: 42.55 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

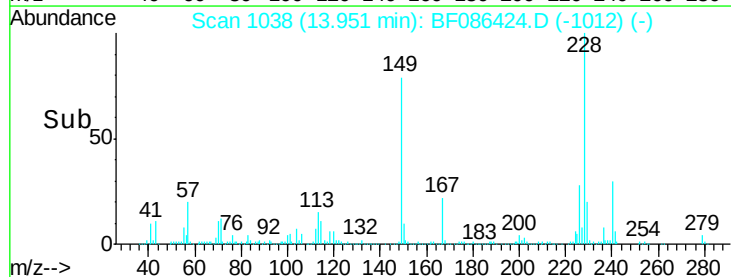
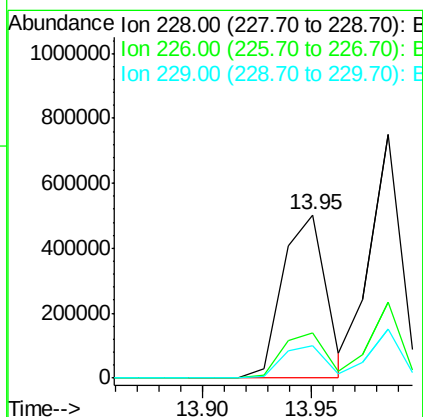
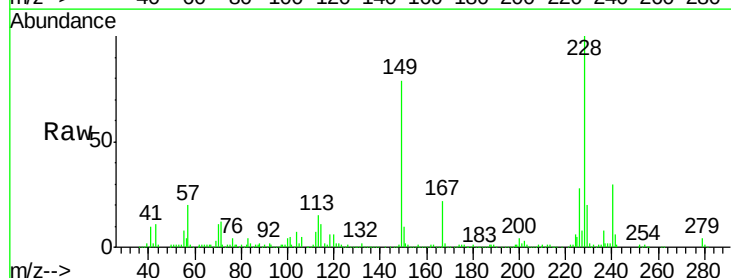
Instrument :
BNA_F
ClientSampleId :
PB90056BS

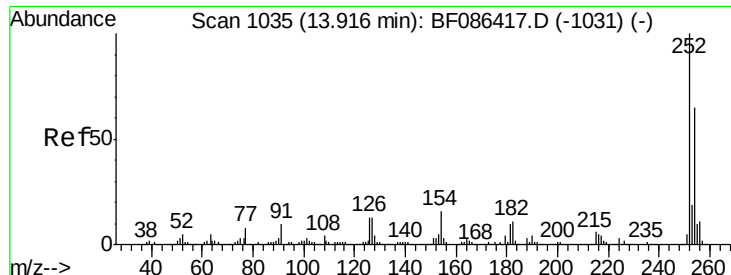
Tot Ion:149 Resp: 424734
Ion Ratio Lower Upper
149 100
91 95.1 48.0 72.0#
206 15.1 15.8 23.6#



#80
Benzo(a)anthracene
Concen: 40.92 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion:228 Resp: 697840
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 19.8 16.6 25.0

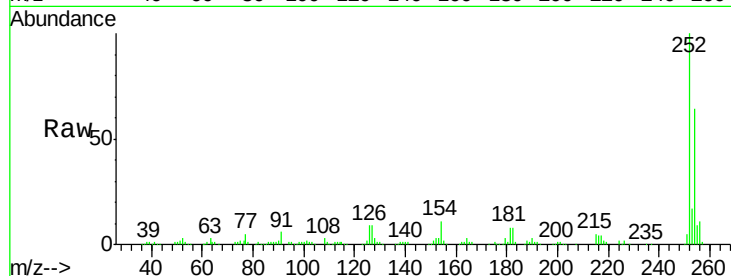




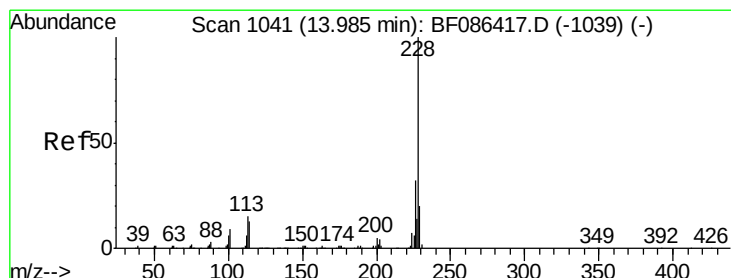
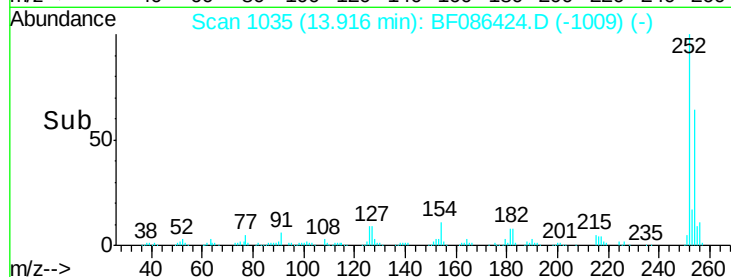
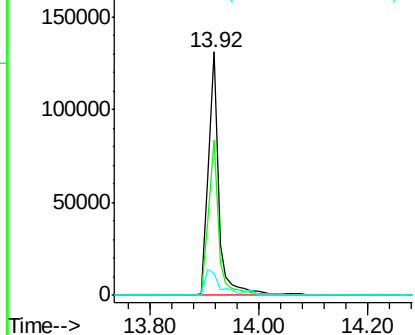
#81
 3,3'-Dichlorobenzidine
 Concen: 15.59 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion:252 Resp: 177687
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.7 76.1
 126 9.2 12.7 19.1#

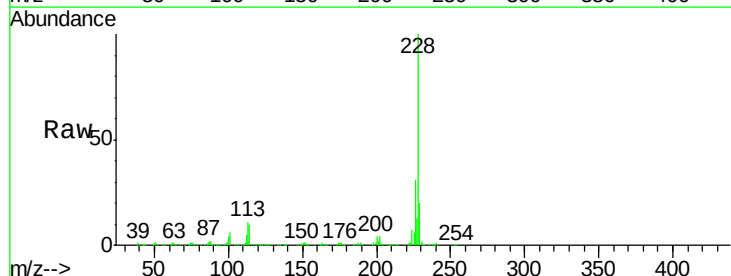


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

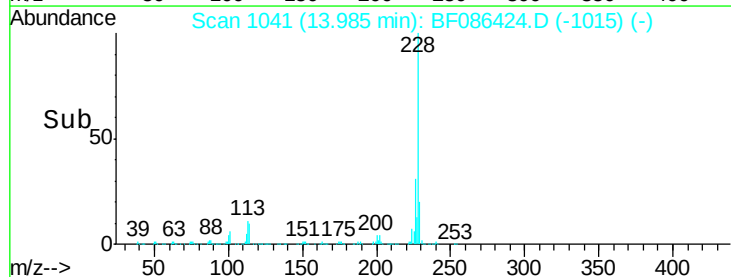
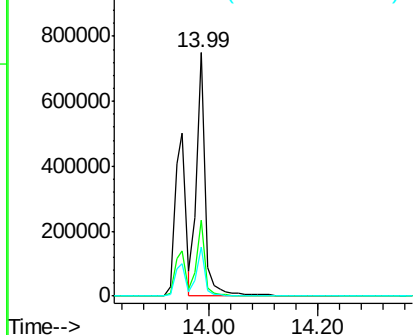


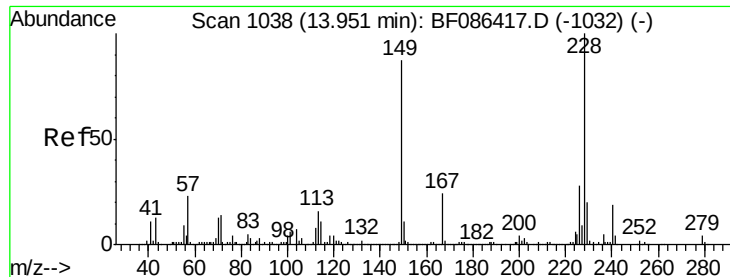
#82
 Chrysene
 Concen: 44.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:228 Resp: 821646
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.4 36.6
 229 20.2 15.8 23.8



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

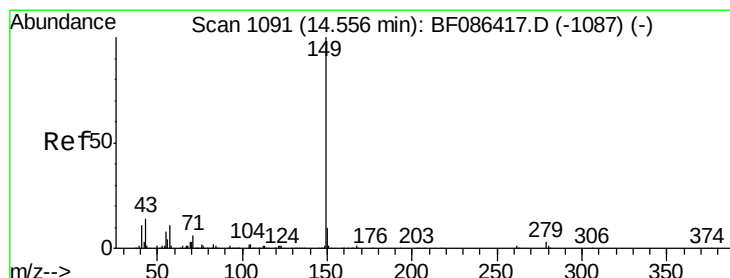
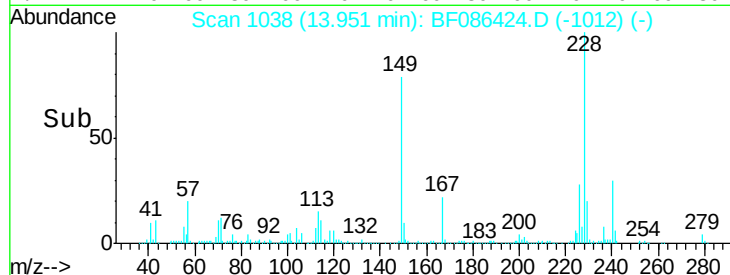
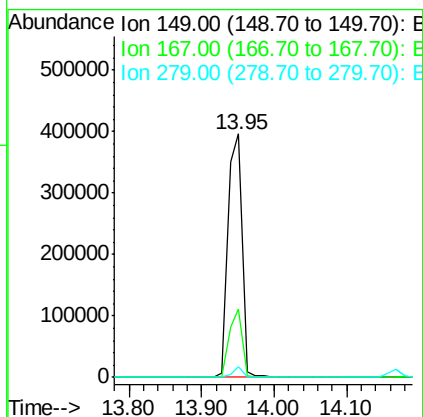
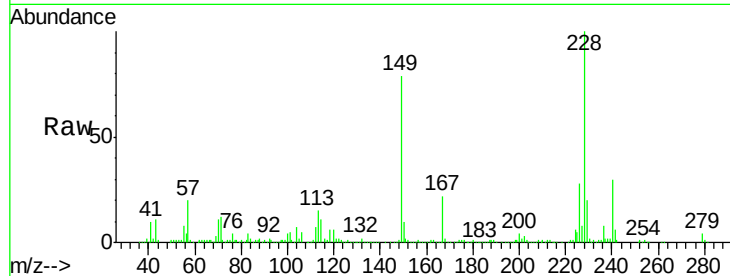




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.75 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

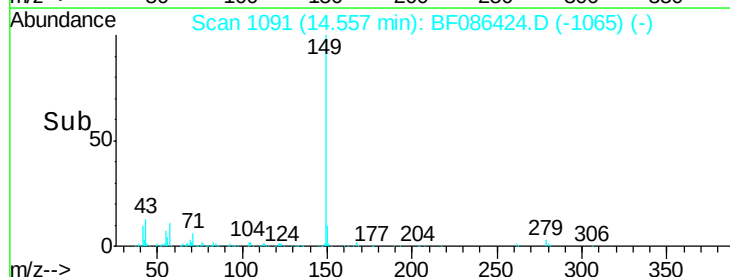
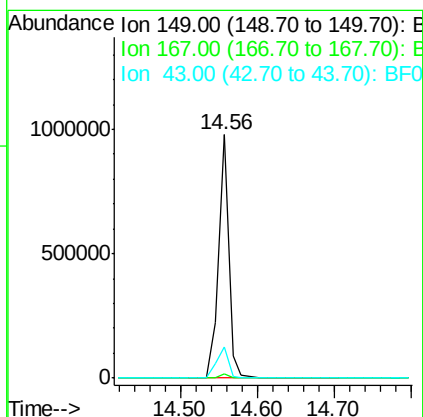
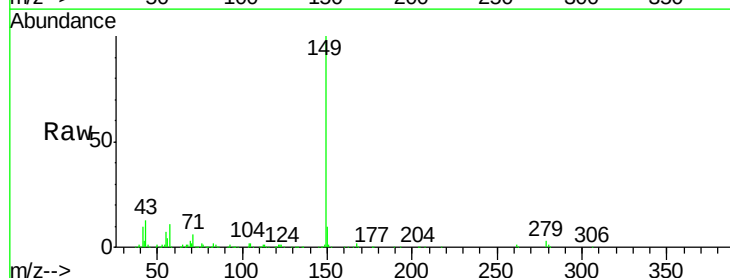
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

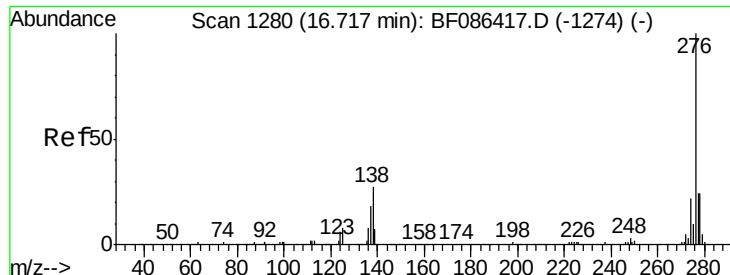
Tot Ion:149 Resp: 529657
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.6
 279 4.6 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 46.74 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:149 Resp: 906807
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 14.9 8.2 12.4#

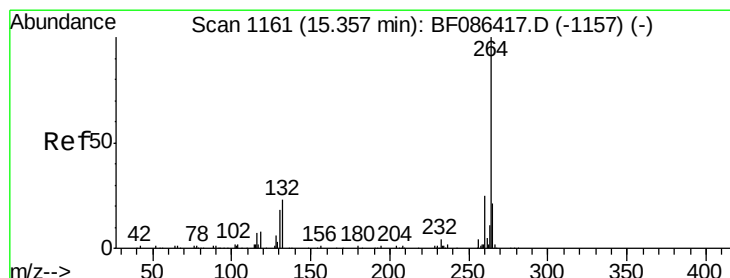
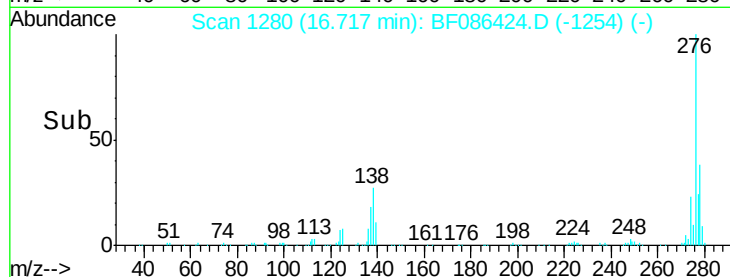
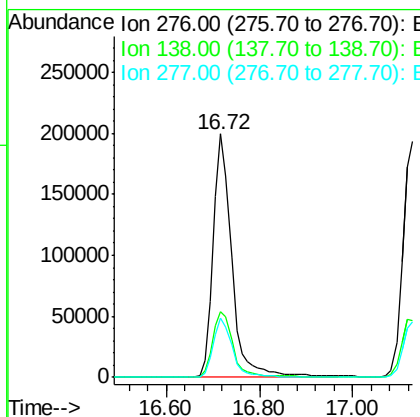
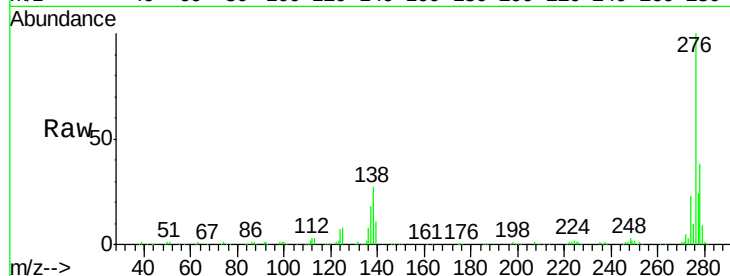




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.77 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

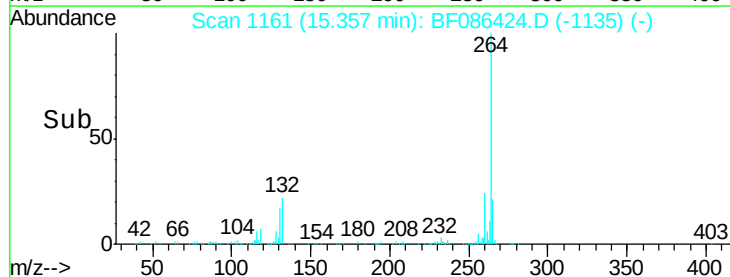
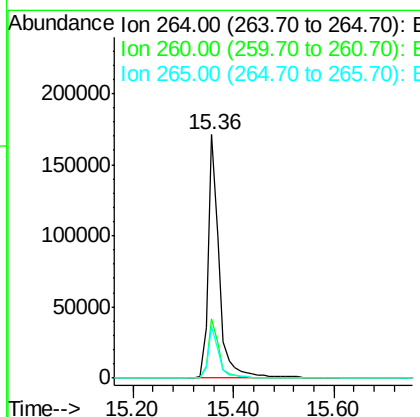
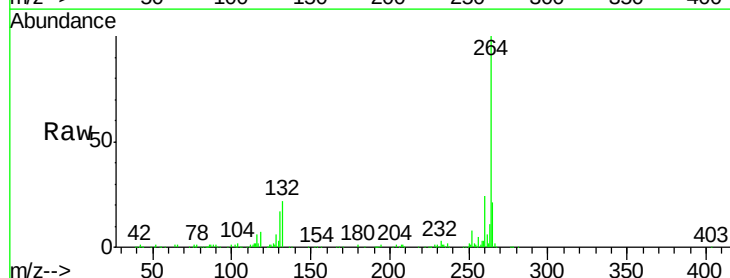
Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

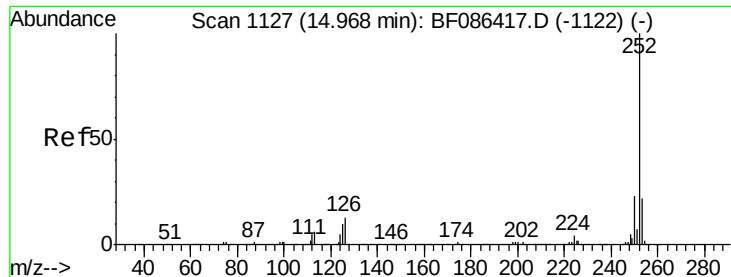
Tot Ion:276 Resp: 559908
 Ion Ratio Lower Upper
 276 100
 138 29.6 25.6 38.4
 277 25.1 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:264 Resp: 257808
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.4 17.3 25.9

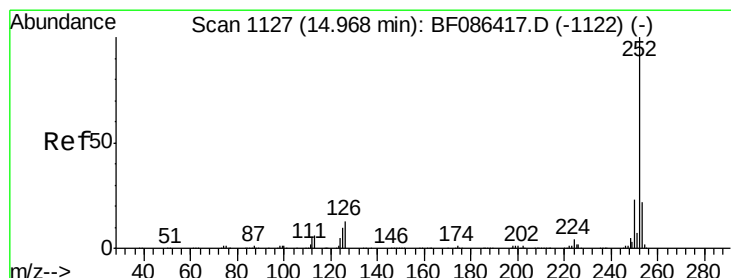
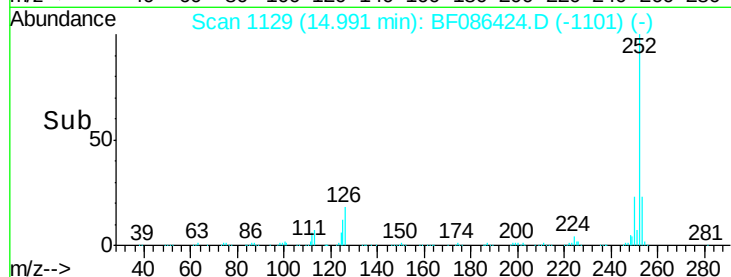
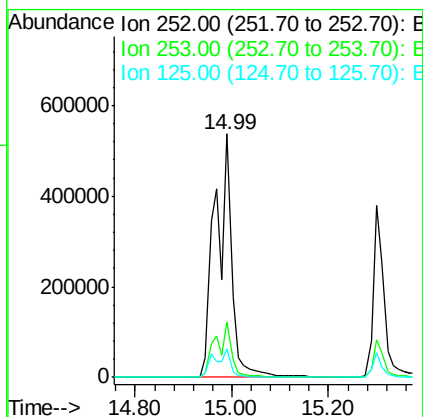
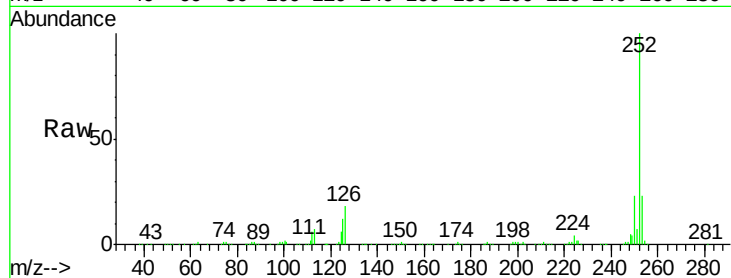




#87
Benzo(b)fluoranthene
Concen: 85.89 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

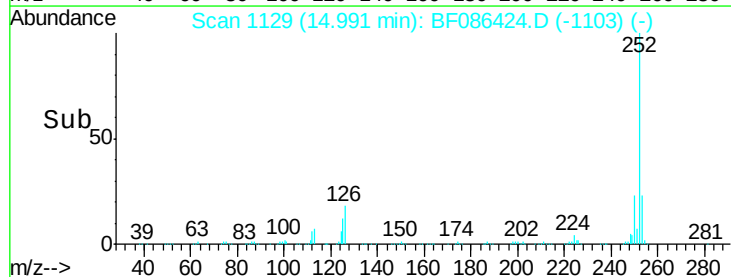
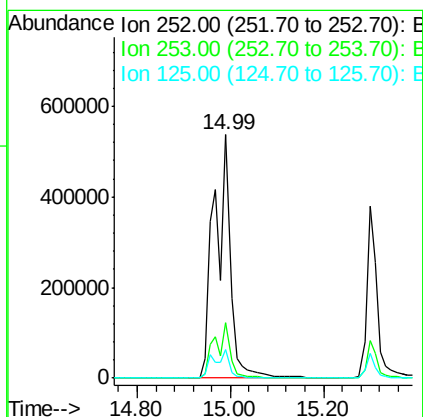
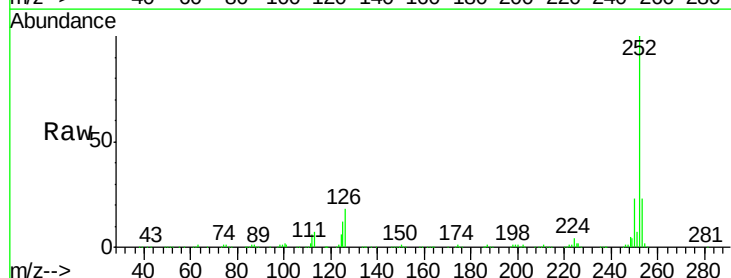
Instrument :
BNA_F
ClientSampleId :
PB90056BS

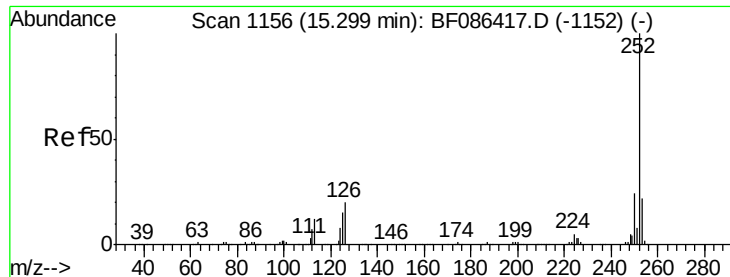
Tot Ion:252 Resp: 1302720
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.0 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 82.40 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion:252 Resp: 1303459
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.0 9.1 13.7





#89

Benzo(a)pyrene

Concen: 41.01 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

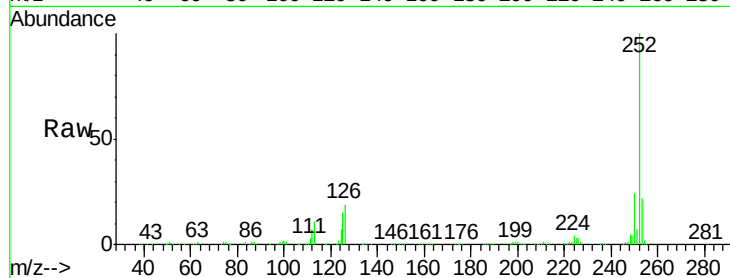
Tot Ion:252 Resp: 587226

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

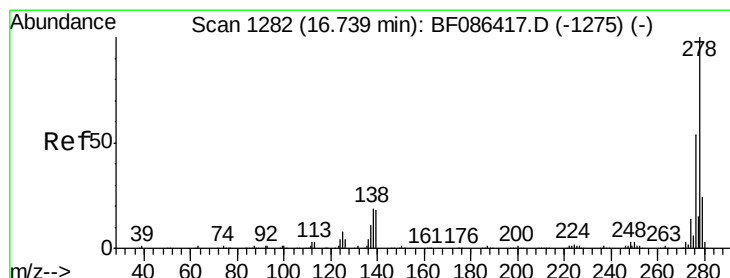
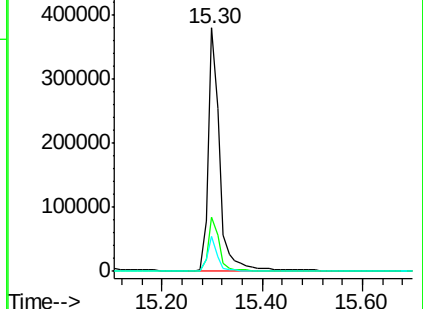
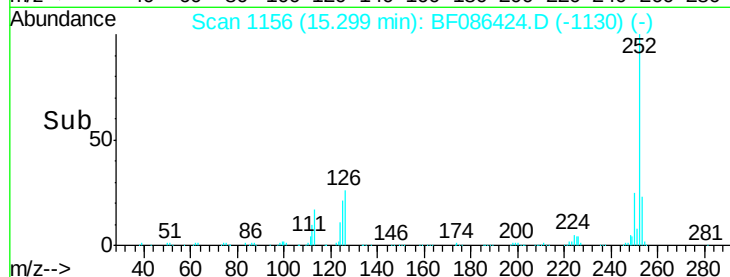
125 14.6 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.05 ng

RT: 16.74 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

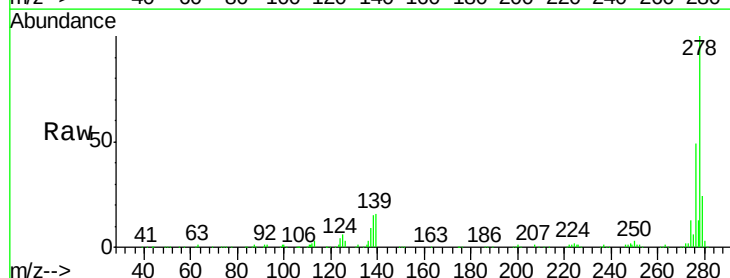
Tgt Ion:278 Resp: 469303

Ion Ratio Lower Upper

278 100

139 16.2 16.6 24.8#

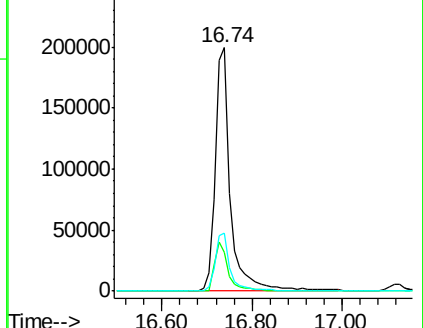
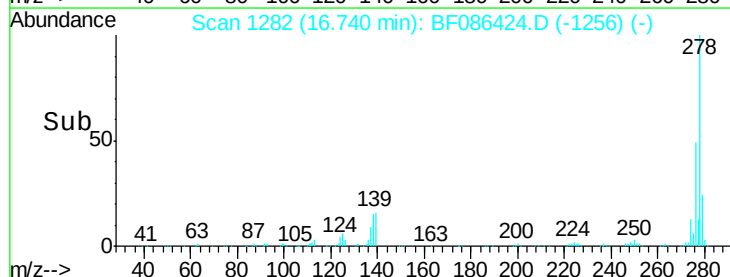
279 23.9 19.6 29.4

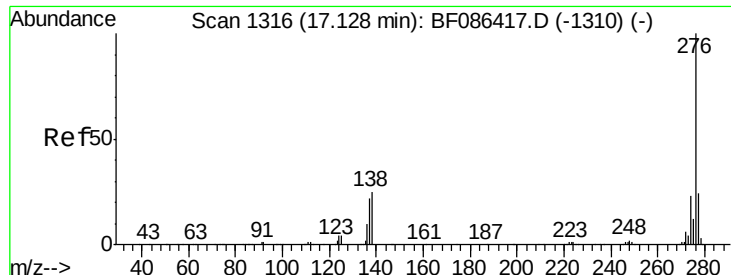


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.73 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	24.0	23.6	35.4

