

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087036.D
 Acq On : 14 May 2016 23:05
 Operator : UM/SJ
 Sample : PB90419BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Quant Time: May 16 04:47:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	403787	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	578586	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	278169	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	543405	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	335859	20.00	ng	-0.08
86) Perylene-d12	15.11	264	297467	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	869805	36.48	ng	-0.08
7) Phenol-d6	6.40	99	36913	1.16	ng	0.04
23) Nitrobenzene-d5	7.19	82	814417	70.68	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	350114	118.89	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1336271	80.74	ng	-0.08
78) Terphenyl-d14	12.71	244	1172734	74.08	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.15	88	124567	10.64	ng	# 61
3) Pyridine	2.79	79	314583	10.99	ng	# 66
4) n-Nitrosodimethylamine	2.74	42	262825	12.67	ng	# 50
6) Aniline	6.35	93	324851	8.43	ng	# 51
8) 2-Chlorophenol	6.40	128	354633	12.33	ng	# 81
10) Phenol	6.30	94	496410	13.11	ng	# 84
11) bis(2-Chloroethyl)ether	6.35	93	324851	11.00	ng	# 80
12) 1,3-Dichlorobenzene	6.78	146	324906	10.44	ng	# 84
13) 1,4-Dichlorobenzene	6.63	146	382591	12.05	ng	# 94
14) 1,2-Dichlorobenzene	6.78	146	328003	11.85	ng	# 93
15) Benzyl Alcohol	6.78	79	317520	14.43	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	724293	11.28	ng	# 53
17) 2-Methylphenol	7.06	107	394214	17.22	ng	# 80
18) Hexachloroethane	7.12	117	144460	12.09	ng	# 98
19) n-Nitroso-di-n-propylamine	7.19	70	117149	5.26	ng	# 72
20) 3+4-Methylphenols	7.06	107	394214	13.18	ng	# 60
22) Acetophenone	7.04	105	521304	38.15	ng	# 95
24) Nitrobenzene	7.21	77	416944	35.18	ng	# 91
25) Isophorone	7.45	82	767010	35.88	ng	# 97
26) 2-Nitrophenol	7.53	139	182592	35.04	ng	# 95
27) 2,4-Dimethylphenol	7.59	122	318263	35.86	ng	# 94
28) bis(2-Chloroethoxy)methane	7.67	93	467520	40.54	ng	# 98
29) 2,4-Dichlorophenol	7.77	162	290494	37.19	ng	# 93
30) 1,2,4-Trichlorobenzene	7.84	180	309452	35.43	ng	# 95
31) Naphthalene	7.92	128	997619	34.42	ng	# 99
32) Benzoic acid	7.74	122	168193	32.27	ng	# 85
33) 4-Chloroaniline	7.99	127	109457	9.72	ng	# 94
34) Hexachlorobutadiene	8.04	225	183244	36.16	ng	# 99
35) Caprolactam	8.36	113	73807	27.77	ng	# 77
36) 4-Chloro-3-methylphenol	8.49	107	331607	35.00	ng	# 90
37) 2-Methylnaphthalene	8.62	142	706840	41.72	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	277500	34.31	ng	# 98
40) Hexachlorocyclopentadiene	8.76	237	213575	55.64	ng	# 96
42) 2,4,6-Trichlorophenol	8.90	196	187812	34.73	ng	# 94

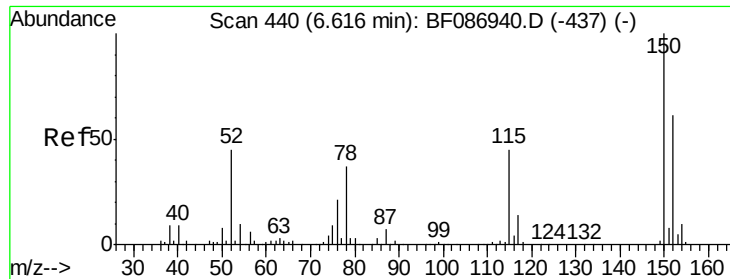
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	185078	33.09	ng	95
45) 1,1'-Biphenyl	9.08	154	837635	37.86	ng	99
46) 2-Chloronaphthalene	9.10	162	619290	35.73	ng	92
47) 2-Nitroaniline	9.21	65	245858	38.81	ng	# 73
48) Acenaphthylene	9.51	152	956604	37.52	ng	99
49) Dimethylphthalate	9.39	163	801791	37.78	ng	99
50) 2,6-Dinitrotoluene	9.45	165	153898	34.46	ng	# 70
51) Acenaphthene	9.68	154	572777	36.11	ng	98
52) 3-Nitroaniline	9.62	138	80677	17.16	ng	# 80
53) 2,4-Dinitrophenol	9.74	184	82733	40.46	ng	87
54) Dibenzofuran	9.85	168	830048	40.77	ng	91
55) 4-Nitrophenol	9.85	139	546372	168.90	ng	# 23
56) 2,4-Dinitrotoluene	9.86	165	216226	39.12	ng	# 83
57) Fluorene	10.19	166	613863	35.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	174240	41.38	ng	96
59) Diethylphthalate	10.09	149	793700	38.38	ng	97
60) 4-Chlorophenyl-phenylether	10.19	204	321985	41.90	ng	93
61) 4-Nitroaniline	10.24	138	164601	36.45	ng	# 72
62) Azobenzene	10.35	77	958335	42.95	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	76995	22.81	ng	# 30
65) n-Nitrosodiphenylamine	10.32	169	653015	39.12	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	193186	35.06	ng	# 87
67) Hexachlorobenzene	10.74	284	235464	36.57	ng	# 89
68) Atrazine	10.86	200	207821	37.26	ng	95
69) Pentachlorophenol	10.95	266	179656	60.37	ng	96
70) Phenanthrene	11.15	178	1102535	38.02	ng	100
71) Anthracene	11.20	178	1006818	33.95	ng	100
72) Carbazole	11.37	167	968110	37.97	ng	99
73) Di-n-butylphthalate	11.70	149	1161610	37.31	ng	# 99
74) Fluoranthene	12.33	202	1017961	34.13	ng	97
76) Benzidine	12.47	184	146795	17.14	ng	96
77) Pyrene	12.56	202	1093542	42.53	ng	100
79) Butylbenzylphthalate	13.19	149	469125	43.13	ng	# 76
80) Benzo(a)anthracene	13.75	228	755921	40.09	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	122420	10.22	ng	# 98
82) Chrysene	13.78	228	800480	41.74	ng	100
83) Bis(2-ethylhexyl)phthalate	13.75	149	566148	43.27	ng	# 95
84) Di-n-octyl phthalate	14.35	149	983694	45.39	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.35	276	674276	42.25	ng	95
87) Benzo(b)fluoranthene	14.74	252	1289261	66.69	ng	# 97
88) Benzo(k)fluoranthene	14.74	252	1290063	81.50	ng	100
89) Benzo(a)pyrene	15.06	252	617646	37.04	ng	# 96
90) Dibenzo(a,h)anthracene	16.37	278	559809	39.83	ng	97
91) Benzo(g,h,i)perylene	16.73	276	571962	40.05	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

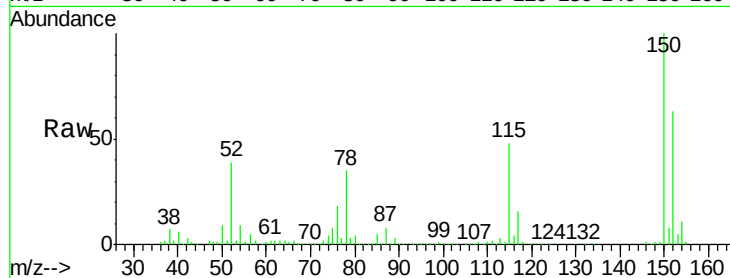
Tgt Ion:152 Resp: 403787

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

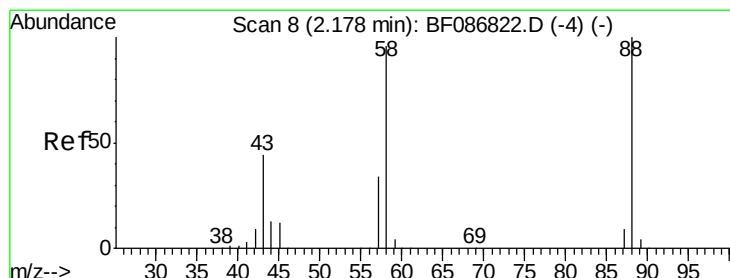
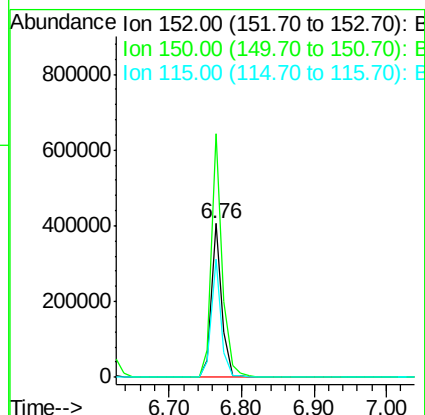
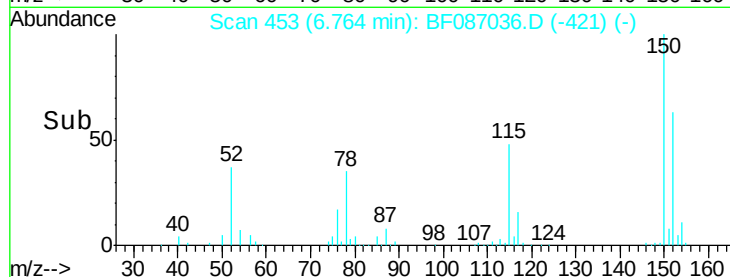
115 76.5 51.5 77.3



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: 10.64 ng

RT: 2.15 min Scan# 49

Delta R.T. -0.03 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

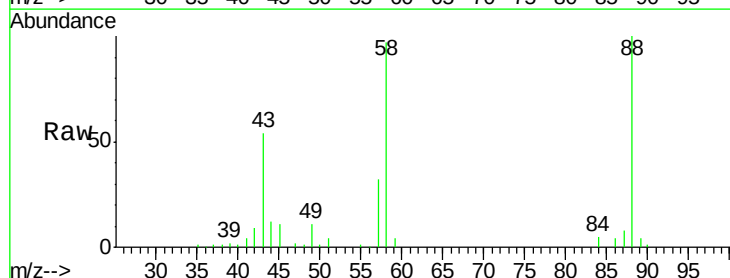
Tgt Ion: 88 Resp: 124567

Ion Ratio Lower Upper

88 100

58 102.8 59.6 89.4#

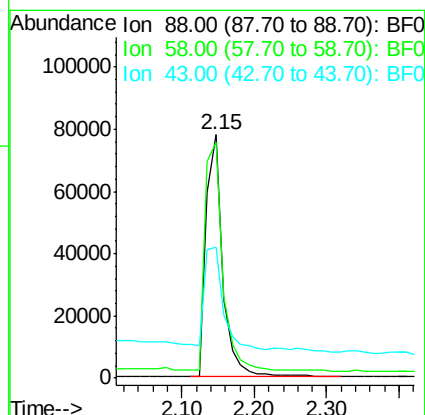
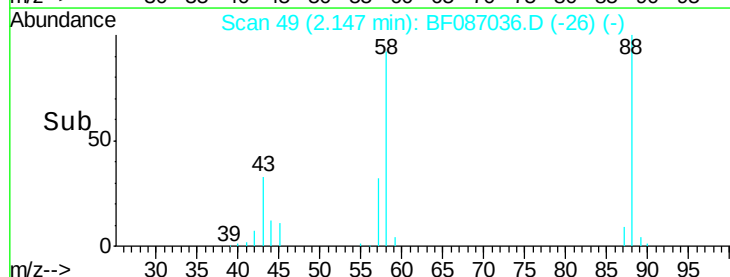
43 55.4 21.8 32.6#

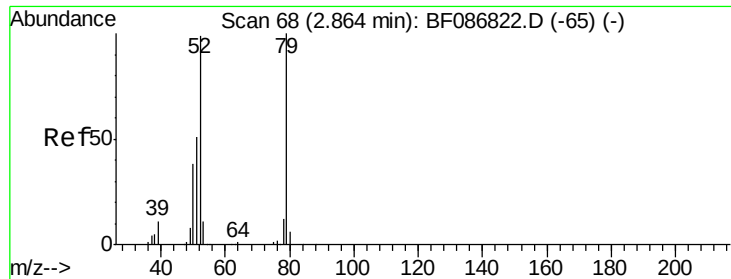


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.99 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

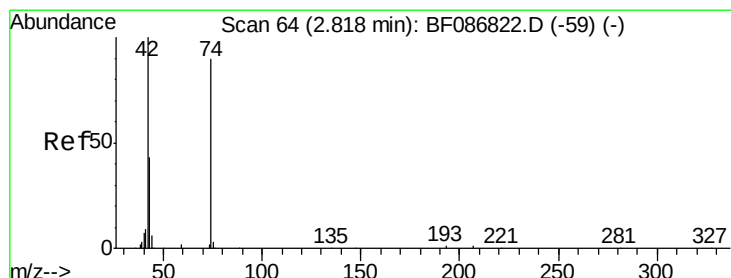
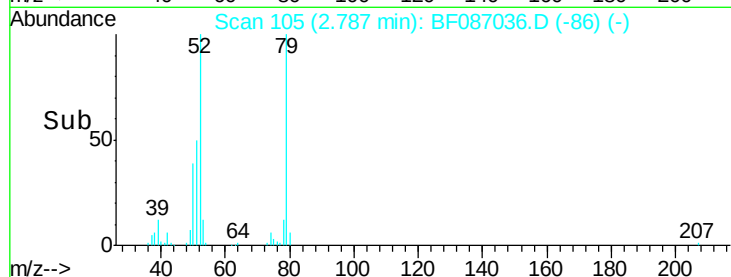
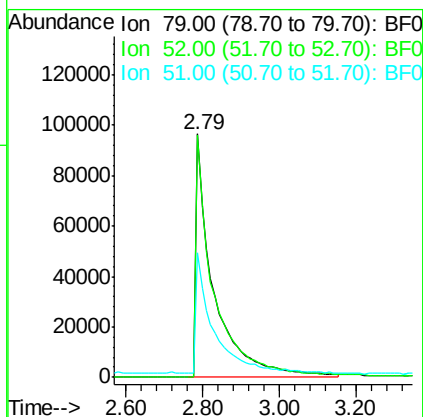
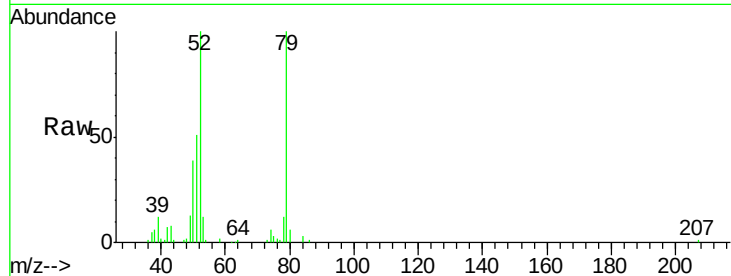
Tgt Ion: 79 Resp: 314583

Ion Ratio Lower Upper

79 100

52 99.7 55.9 83.9#

51 51.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 12.67 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

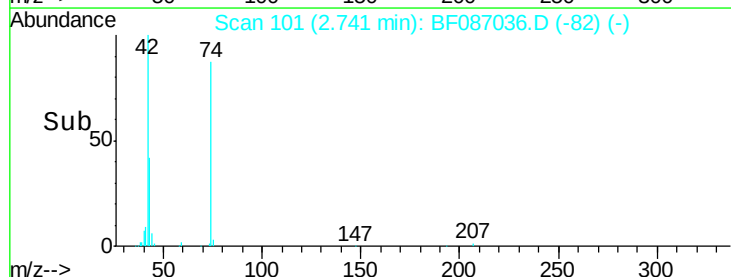
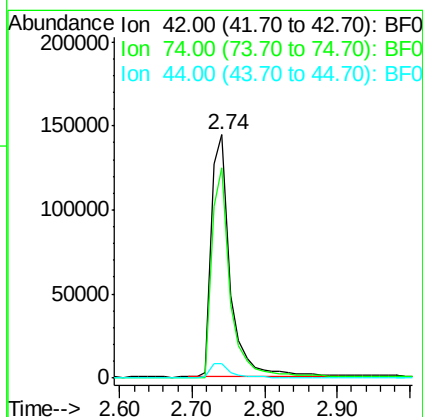
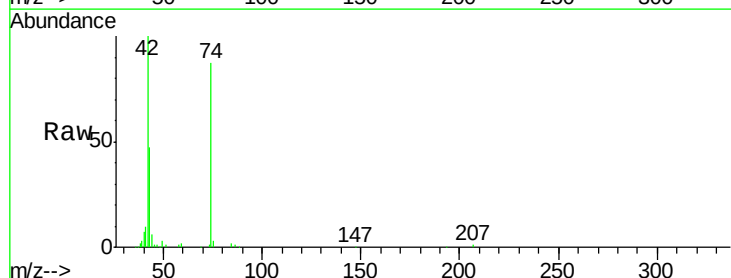
Tgt Ion: 42 Resp: 262825

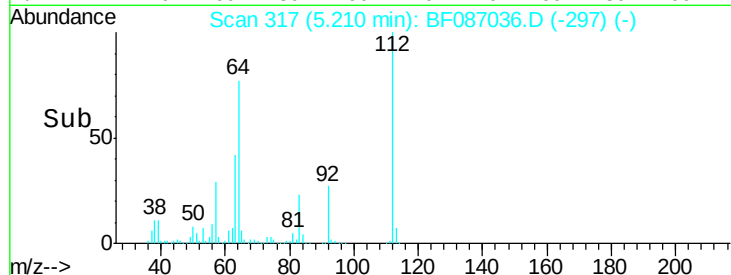
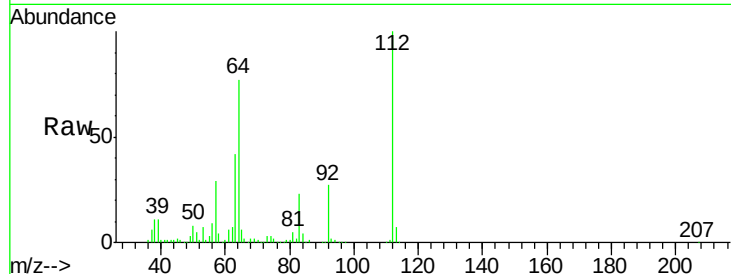
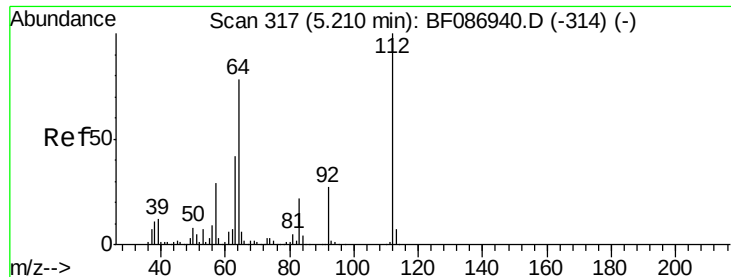
Ion Ratio Lower Upper

42 100

74 86.6 123.4 185.0#

44 6.0 5.8 8.6





#5

2-Fluorophenol

Concen: 36.48 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampled :

PB90419BS

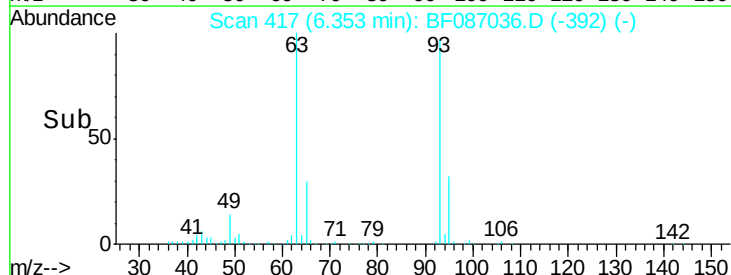
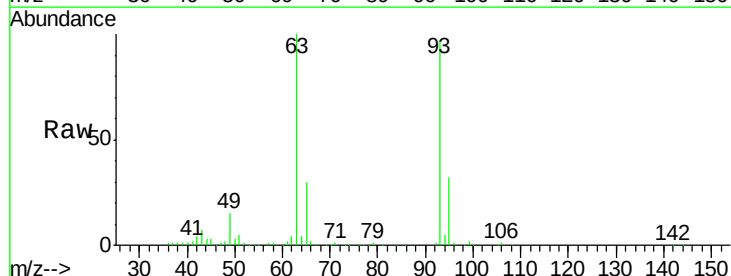
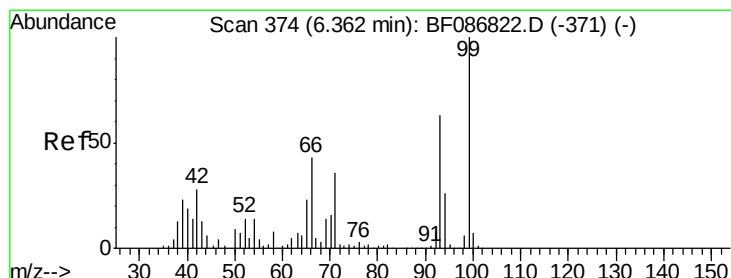
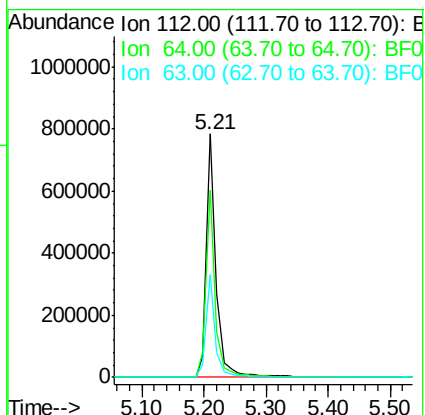
Tgt Ion: 112 Resp: 869805

Ion Ratio Lower Upper

112 100

64 77.0 52.1 78.1

63 42.2 25.7 38.5#



#6

Aniline

Concen: 8.43 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

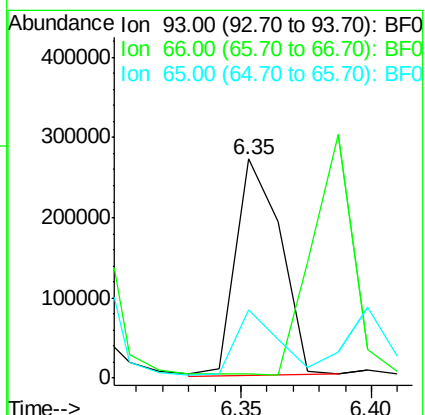
Tgt Ion: 93 Resp: 324851

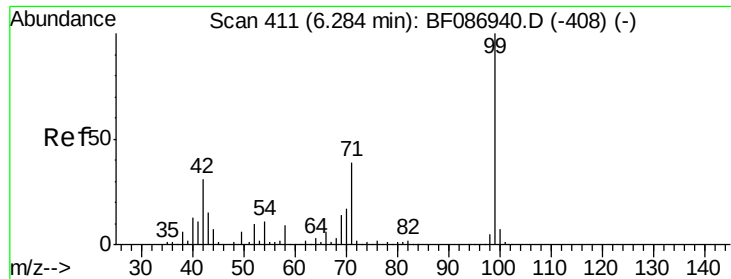
Ion Ratio Lower Upper

93 100

66 2.0 39.0 58.6#

65 31.0 20.6 31.0#





#7

Phenol-d6

Concen: 1.16 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.04 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

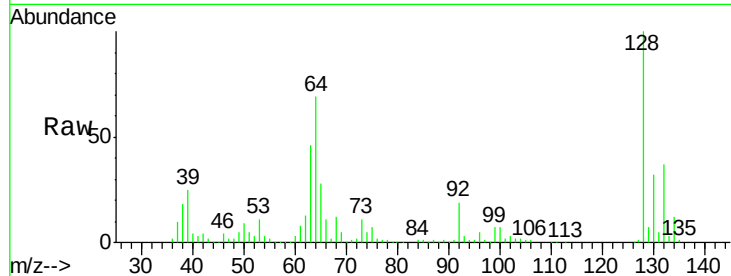
Tgt Ion: 99 Resp: 36913

Ion Ratio Lower Upper

99 100

42 48.6 13.6 20.4#

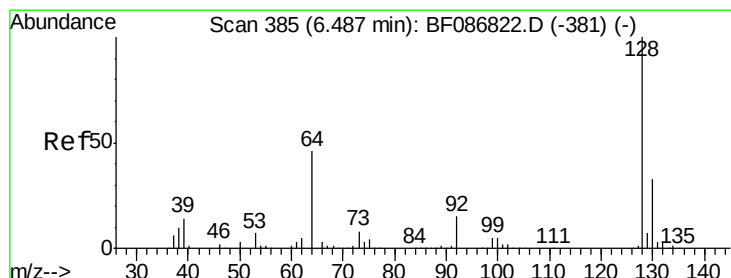
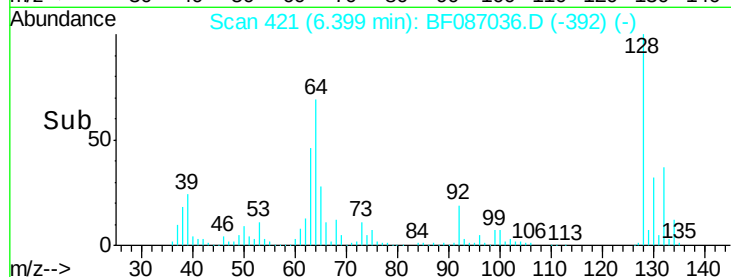
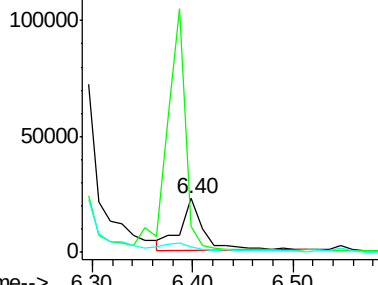
71 10.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 12.33 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

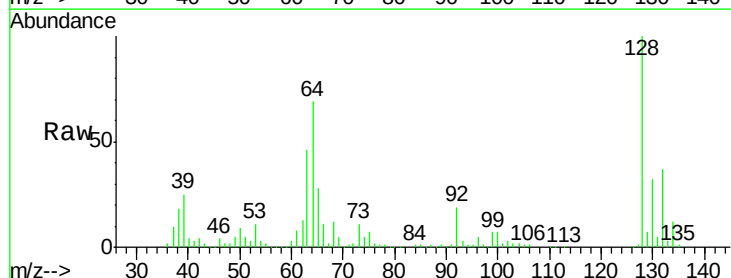
Tgt Ion: 128 Resp: 354633

Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

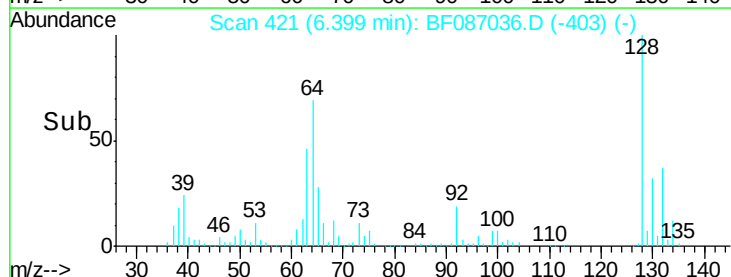
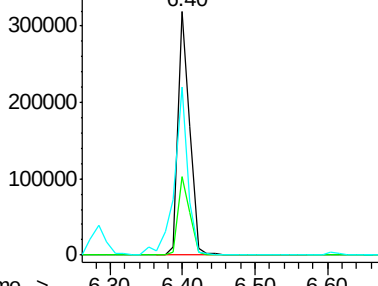
64 69.0 27.3 67.3#

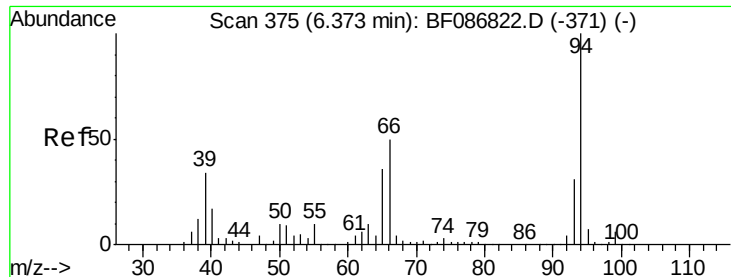


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 13.11 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

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PB90419BS

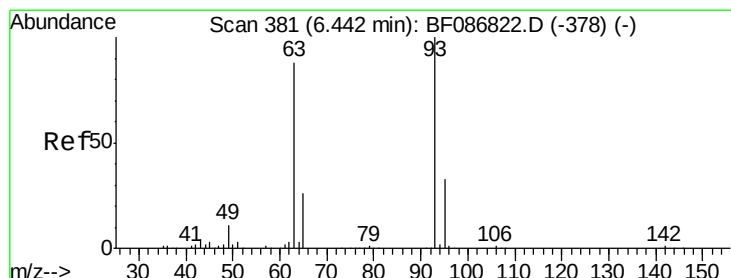
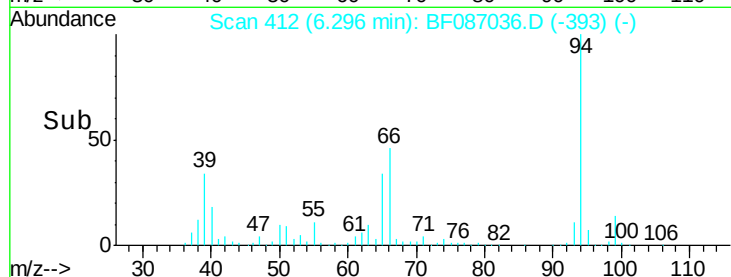
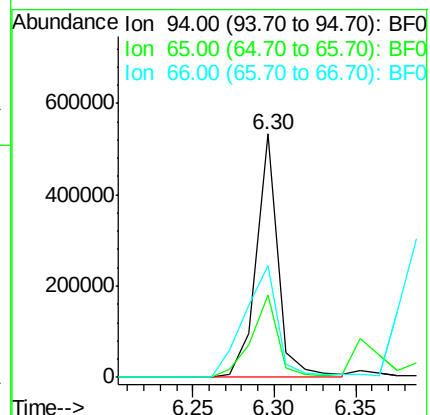
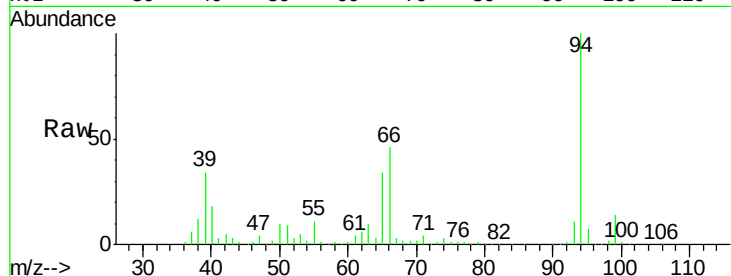
Tgt Ion: 94 Resp: 496410

Ion Ratio Lower Upper

94 100

65 34.0 7.2 47.2

66 46.0 14.9 54.9



#11

bis(2-Chloroethyl)ether

Concen: 11.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

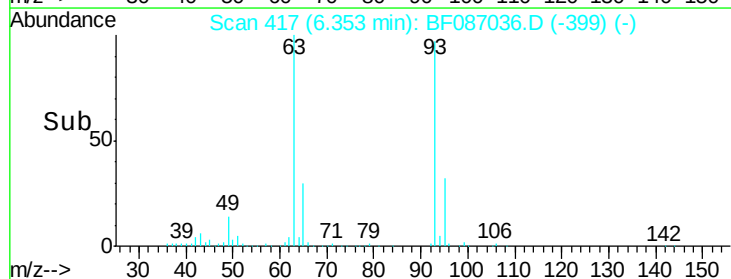
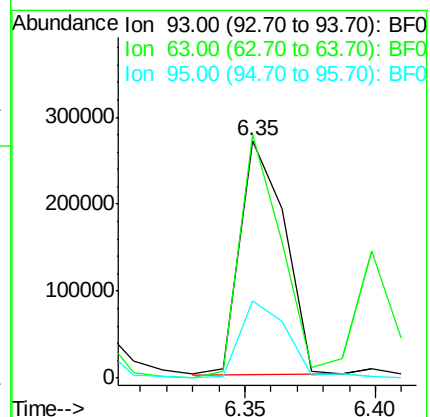
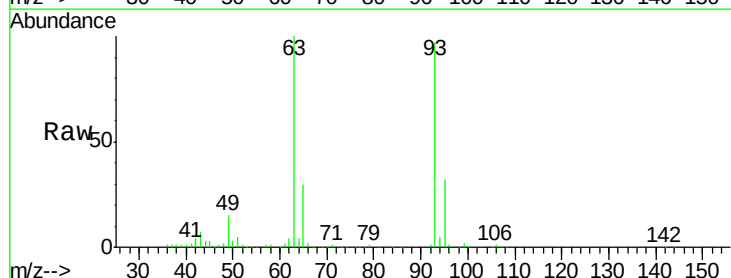
Tgt Ion: 93 Resp: 324851

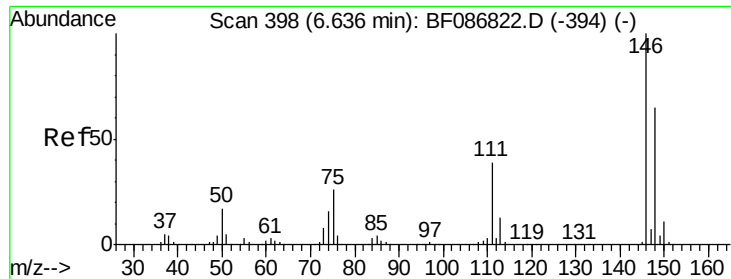
Ion Ratio Lower Upper

93 100

63 102.6 58.0 98.0#

95 32.5 11.9 51.9

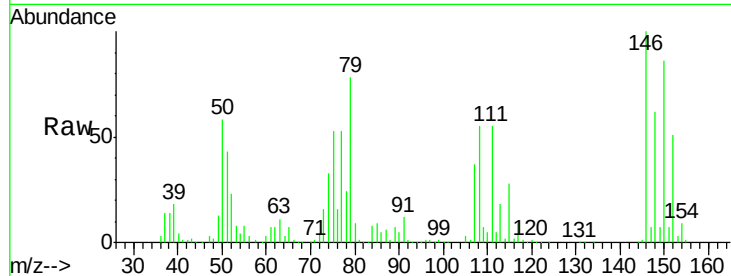




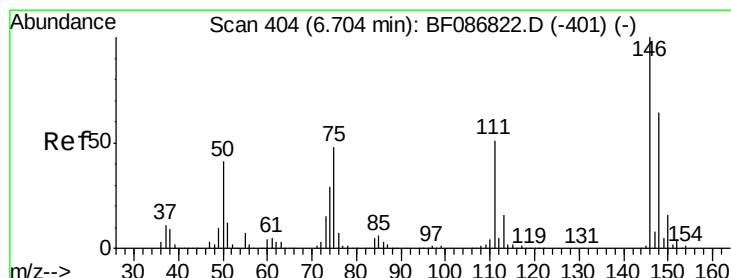
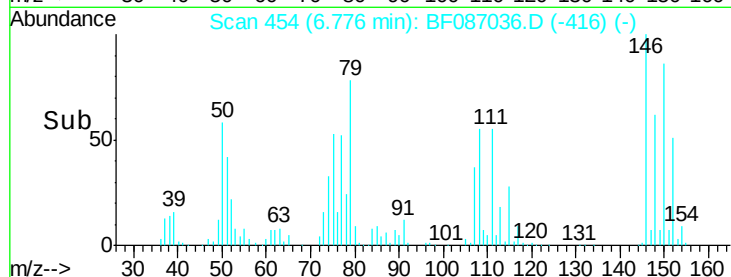
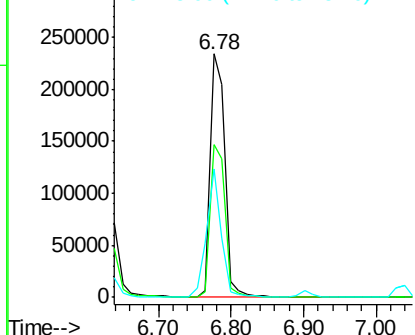
#12
 1,3-Dichlorobenzene
 Concen: 10.44 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.14 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion:146 Resp: 324906
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.4 78.6
 75 52.6 22.8 34.2#

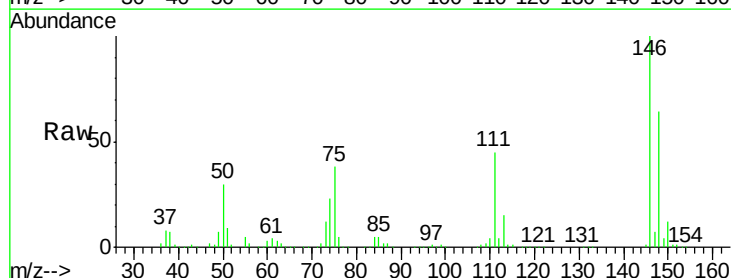


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

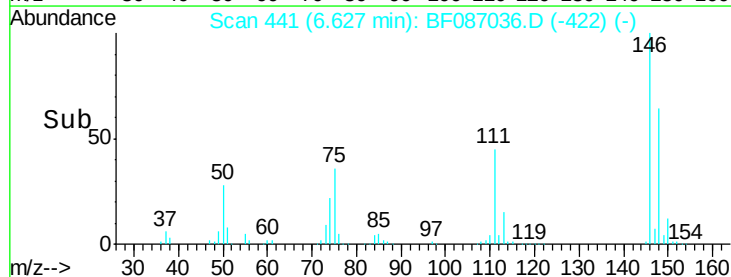
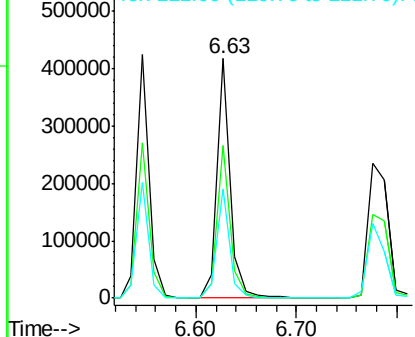


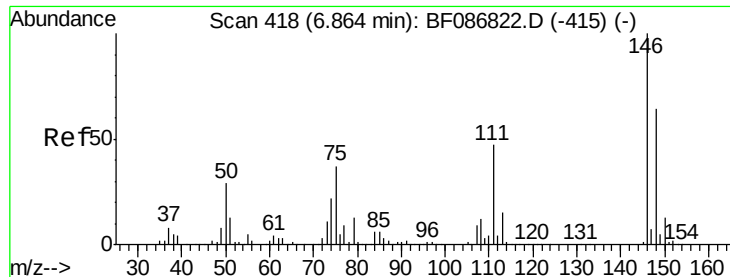
#13
 1,4-Dichlorobenzene
 Concen: 12.05 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion:146 Resp: 382591
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 45.3 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

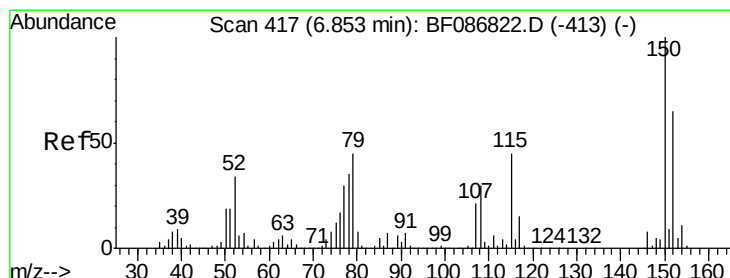
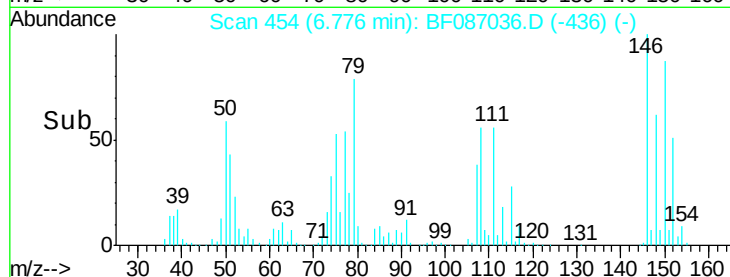
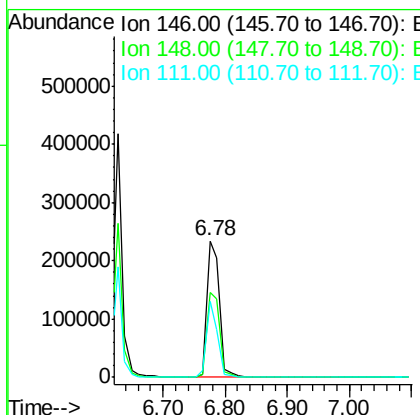
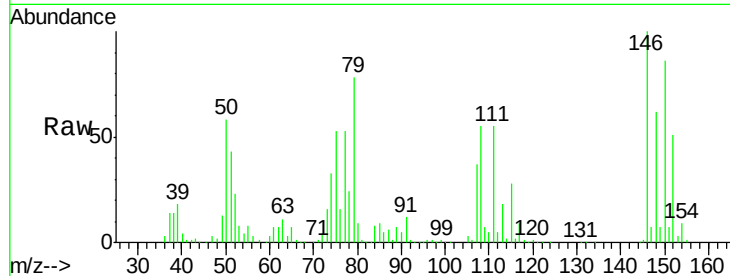




#14
 1,2-Dichlorobenzene
 Concen: 11.85 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.09 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

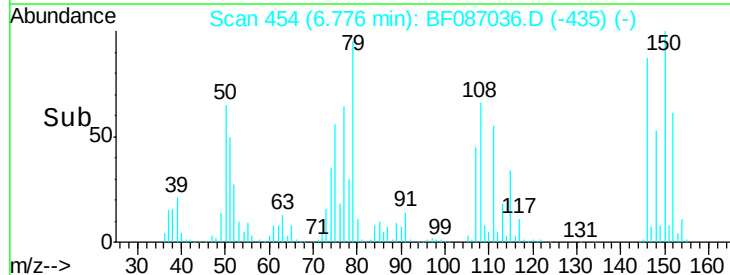
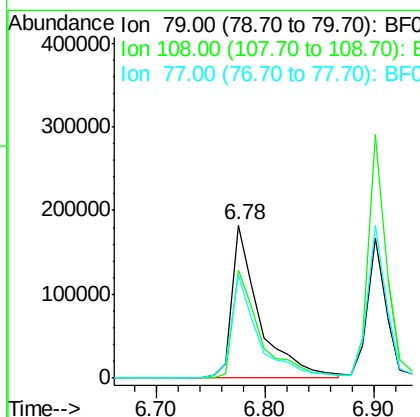
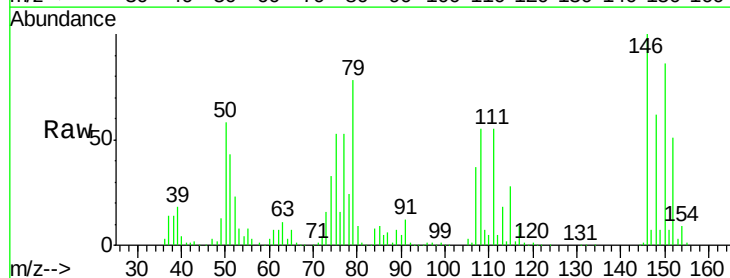
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

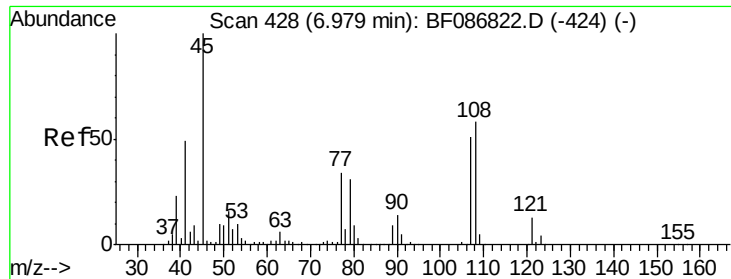
Tgt Ion: 146 Resp: 328003
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.6
 111 55.5 36.2 54.4#



#15
 Benzyl Alcohol
 Concen: 14.43 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion: 79 Resp: 317520
 Ion Ratio Lower Upper
 79 100
 108 70.3 68.4 102.6
 77 67.6 50.6 76.0

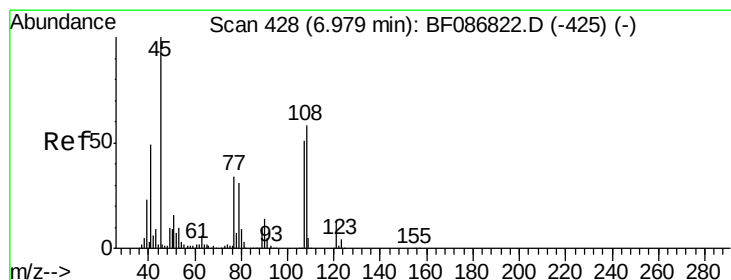
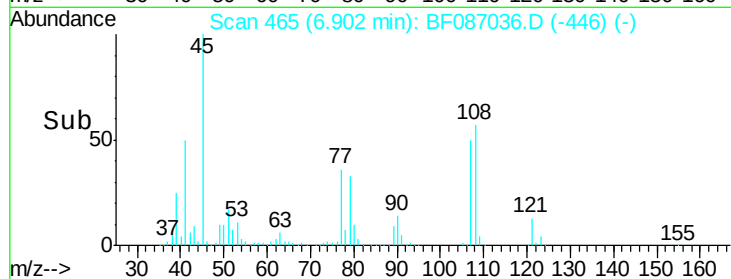
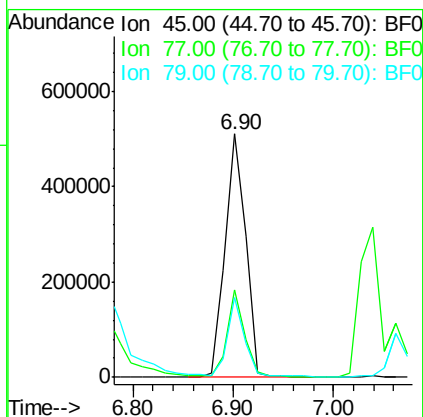
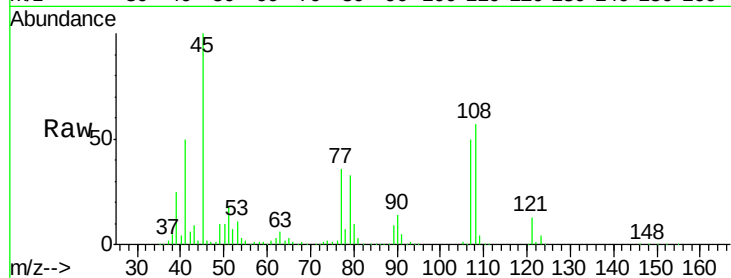




#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.28 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

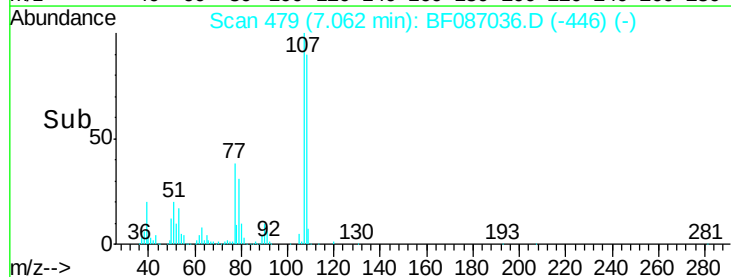
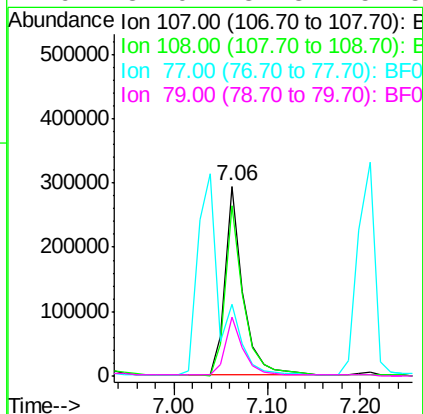
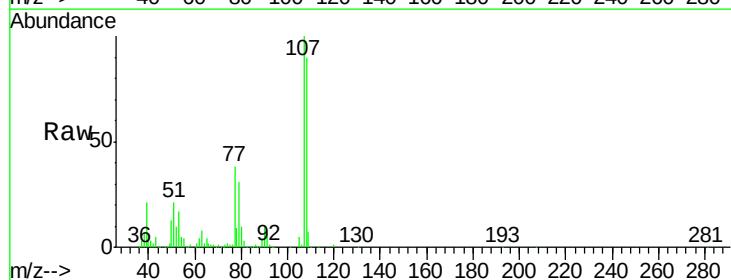
Instrument :
BNA_F
ClientSampleId :
PB90419BS

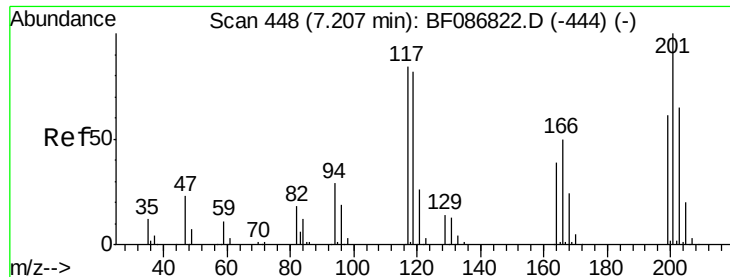
Tgt Ion: 45 Resp: 724293
Ion Ratio Lower Upper
45 100
77 35.7 0.0 36.4
79 32.8 0.0 33.4



#17
2-Methylphenol
Concen: 17.22 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion: 107 Resp: 394214
Ion Ratio Lower Upper
107 100
108 89.9 93.7 140.5#
77 38.1 33.4 50.0
79 31.0 34.3 51.5#

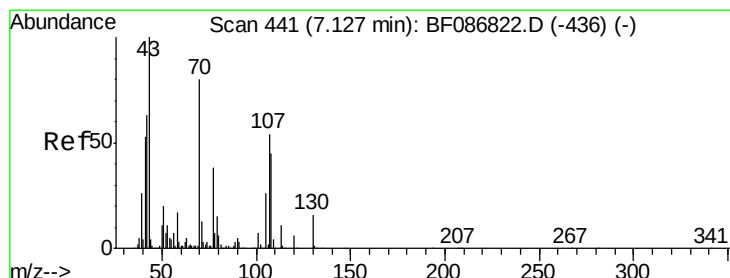
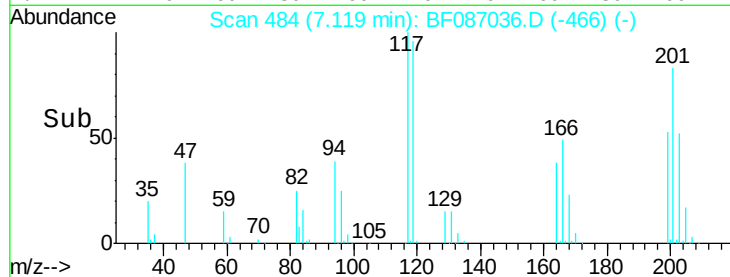
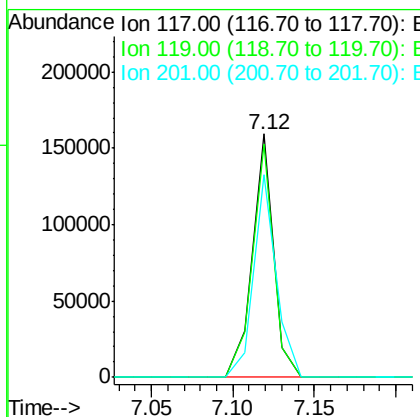
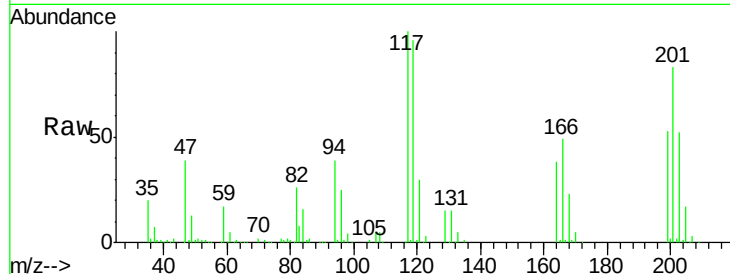




#18
Hexachloroethane
Concen: 12.09 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

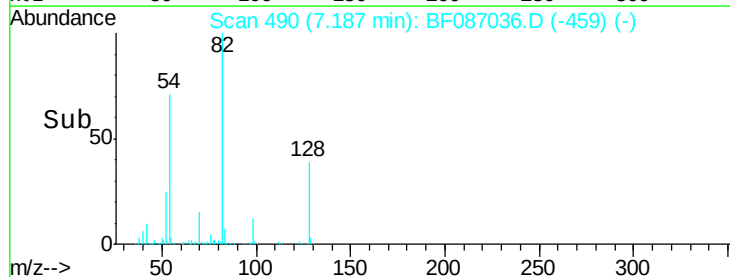
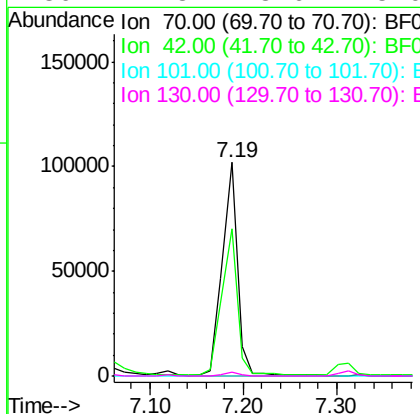
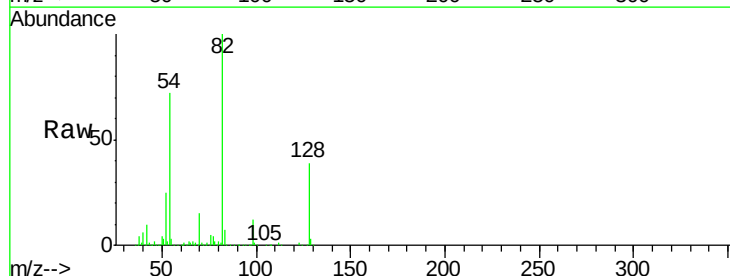
Instrument :
BNA_F
ClientSampleId :
PB90419BS

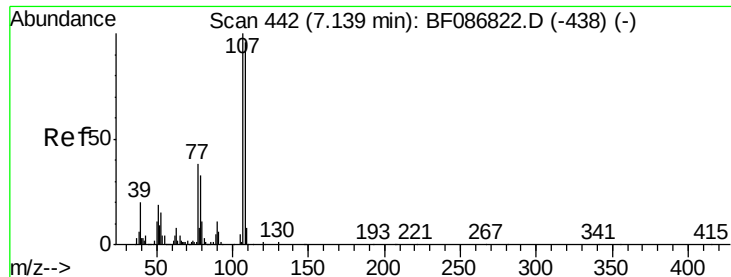
Tgt Ion: 117 Resp: 144460
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 83.3 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.26 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion: 70 Resp: 117149
Ion Ratio Lower Upper
70 100
42 68.9 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#

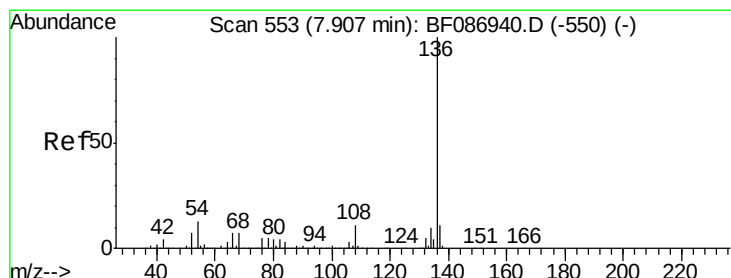
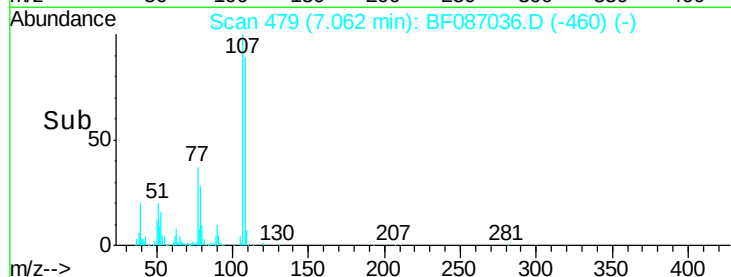
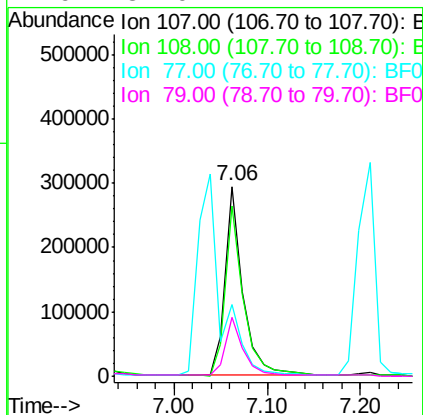
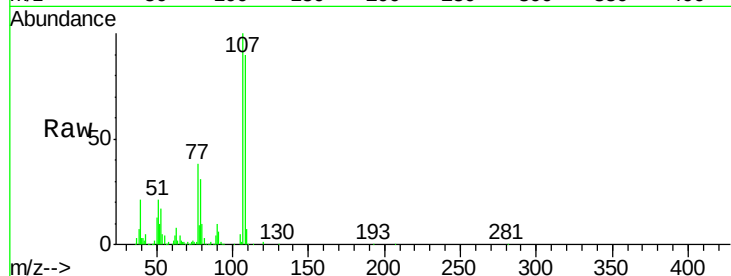




#20
3+4-Methylphenols
Concen: 13.18 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.08 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

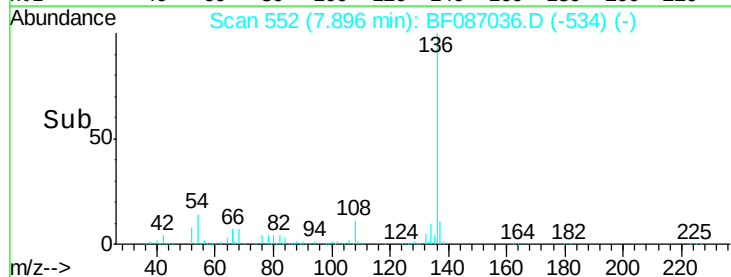
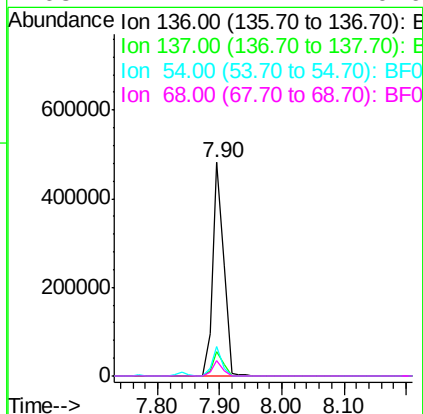
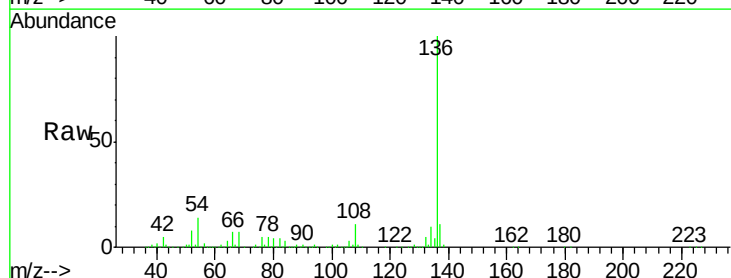
Instrument :
BNA_F
ClientSampleId :
PB90419BS

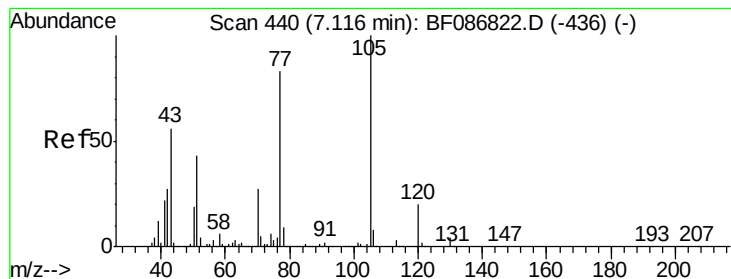
Tgt Ion:	107	Resp:	394214
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.5	108.5
77	38.1	101.6	141.6#
79	31.0	7.4	47.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion:	136	Resp:	578586
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.0	5.0	7.4#
68	7.1	4.4	6.6#





#22

Acetophenone

Concen: 38.15 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

Tgt Ion: 105 Resp: 521304

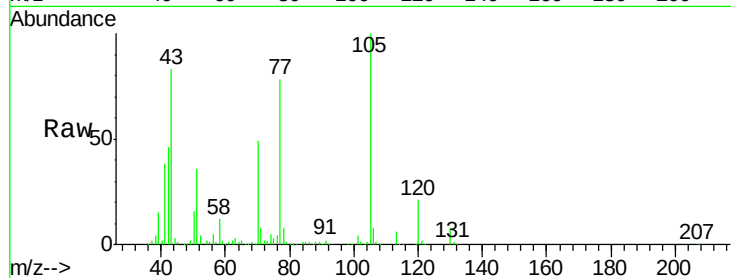
Ion Ratio Lower Upper

105 100

71 7.9 4.8 7.2#

51 36.4 32.6 49.0

120 21.1 16.5 24.7

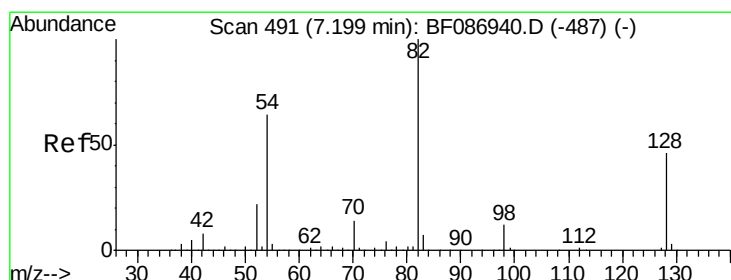
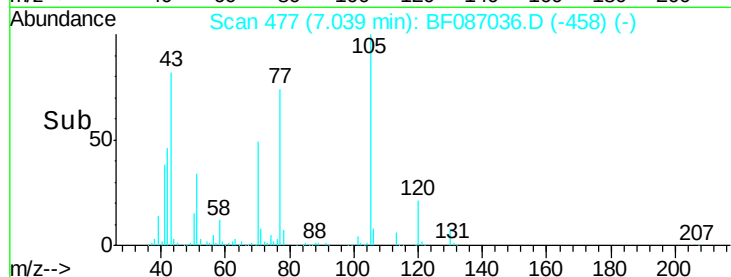
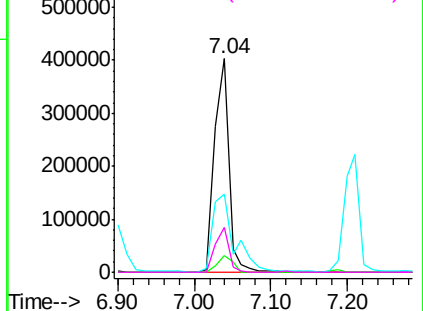


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 70.68 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

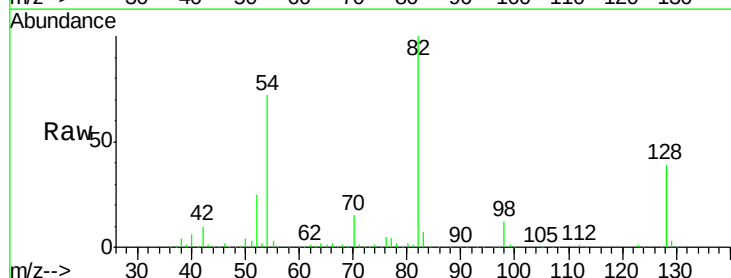
Tgt Ion: 82 Resp: 814417

Ion Ratio Lower Upper

82 100

128 38.6 40.6 61.0#

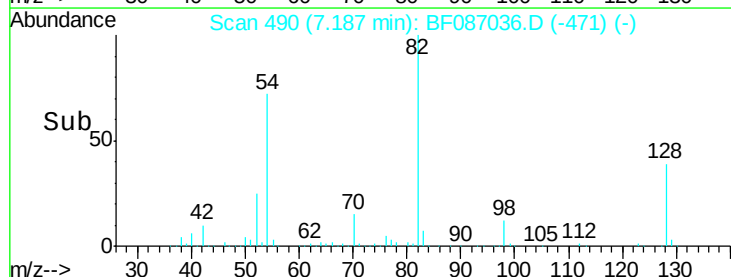
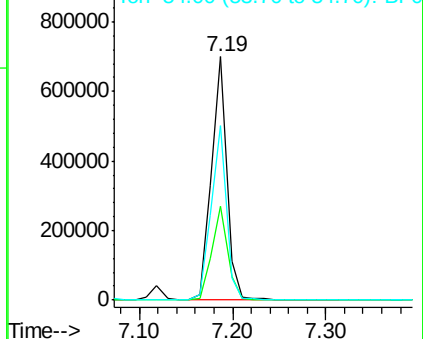
54 71.6 38.1 57.1#

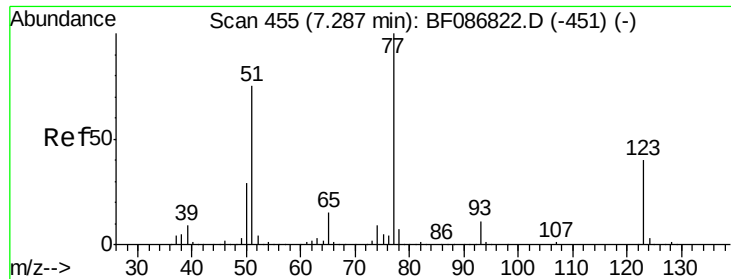


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

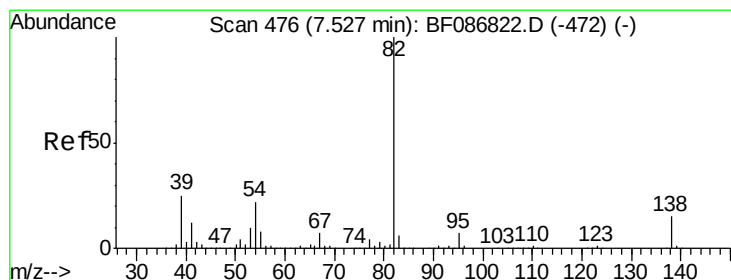
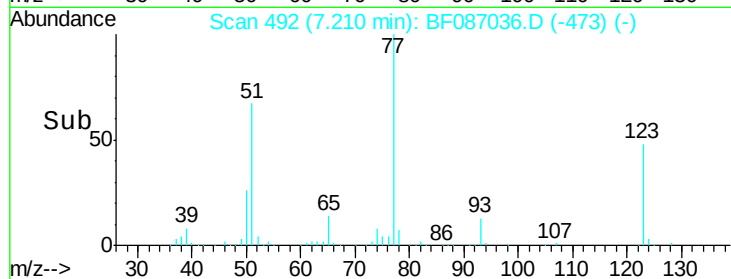
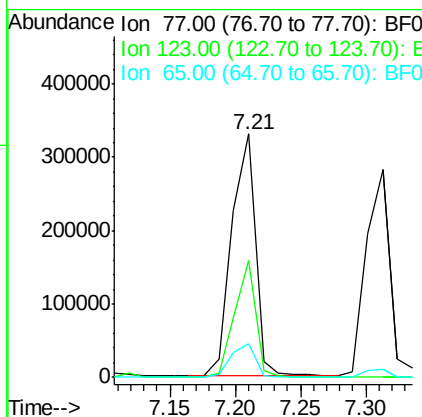
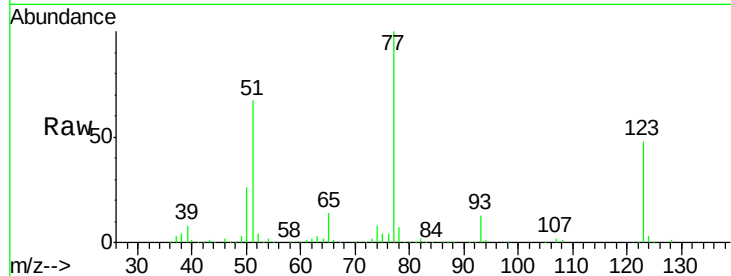




#24
 Nitrobenzene
 Concen: 35.18 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

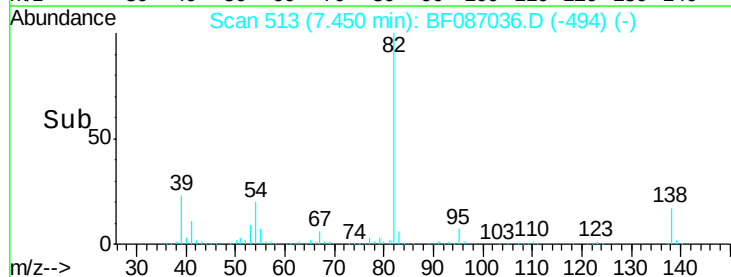
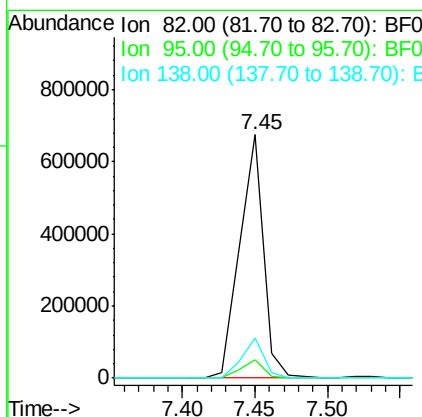
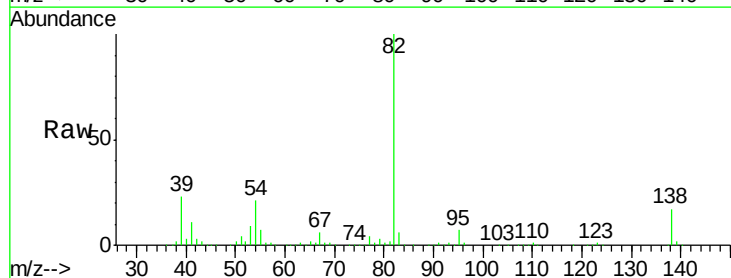
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

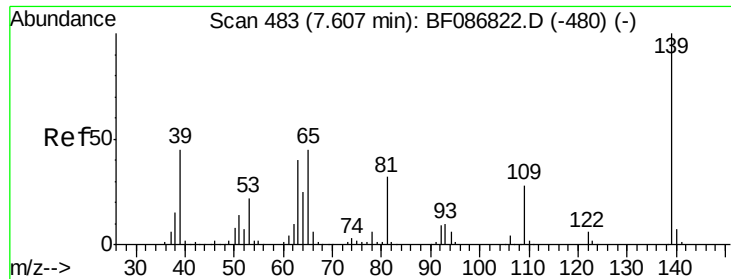
Tgt Ion: 77 Resp: 416944
 Ion Ratio Lower Upper
 77 100
 123 48.1 33.0 49.4
 65 14.1 10.8 16.2



#25
 Isophorone
 Concen: 35.88 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion: 82 Resp: 767010
 Ion Ratio Lower Upper
 82 100
 95 7.4 5.1 7.7
 138 16.5 12.4 18.6

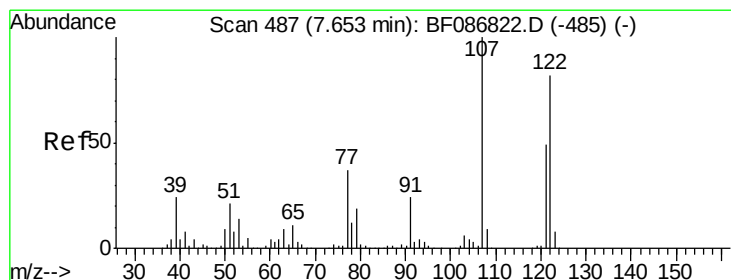
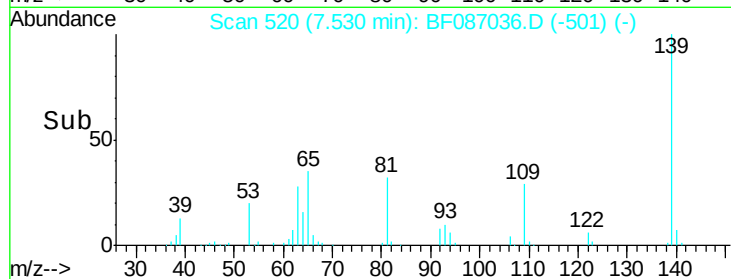
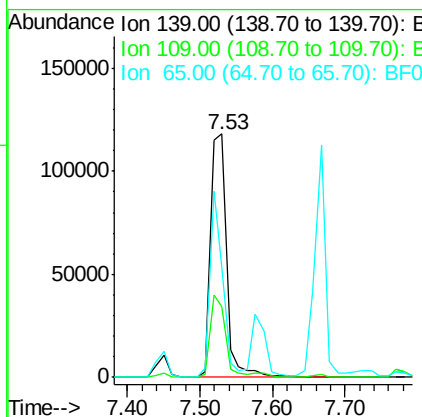
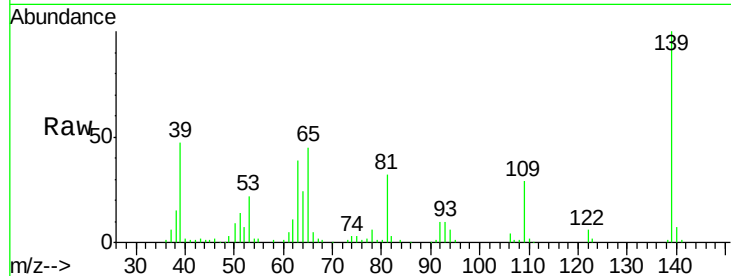




#26
 2-Nitrophenol
 Concen: 35.04 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

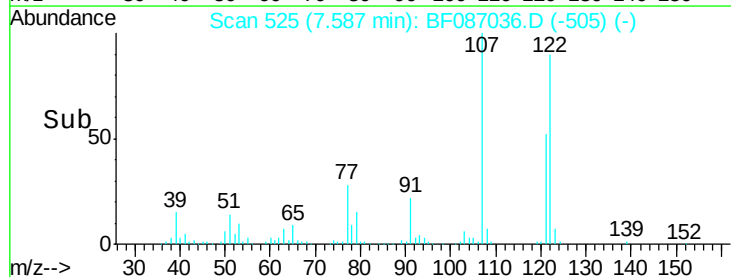
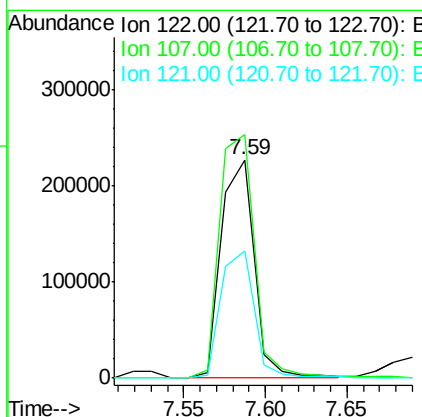
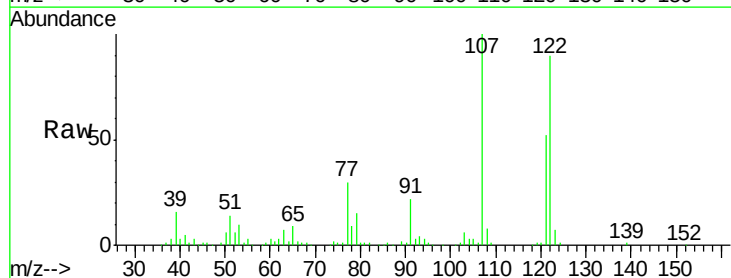
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

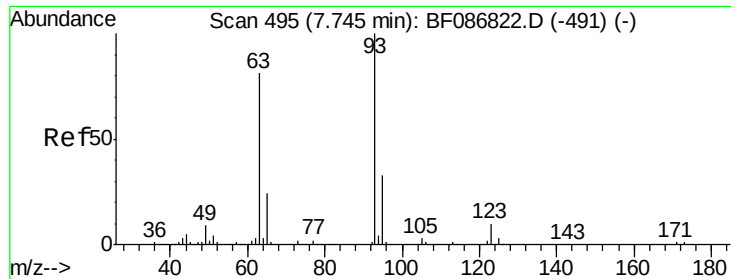
Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.0	19.5	29.3
65	45.3	37.5	56.3



#27
 2,4-Dimethylphenol
 Concen: 35.86 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.5	82.0	123.0
121	58.2	46.1	69.1

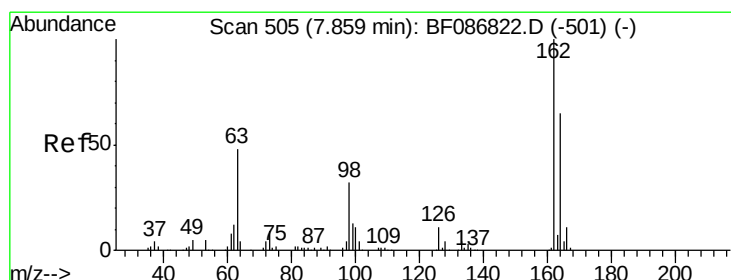
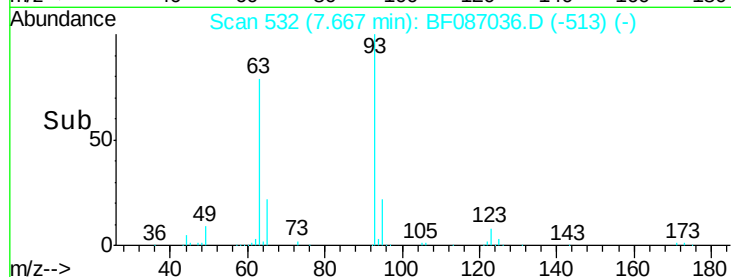
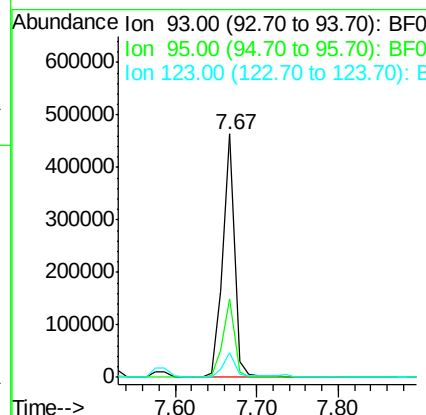
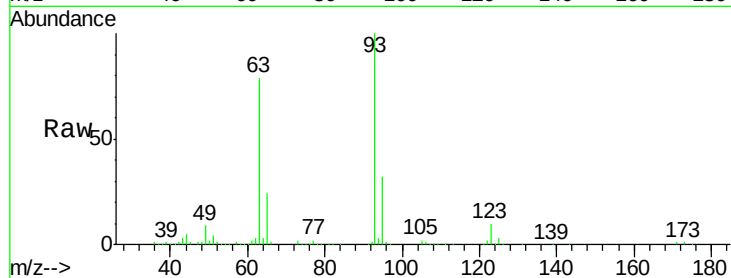




#28
 bis(2-Chloroethoxy)methane
 Concen: 40.54 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

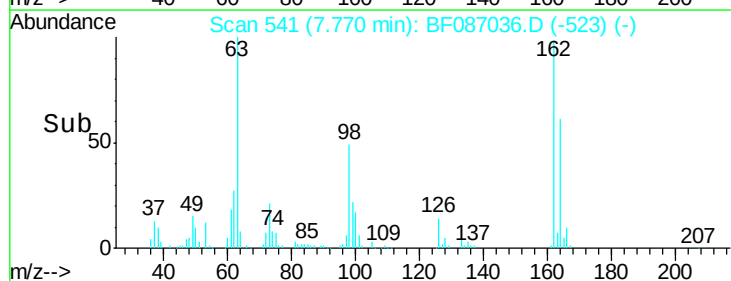
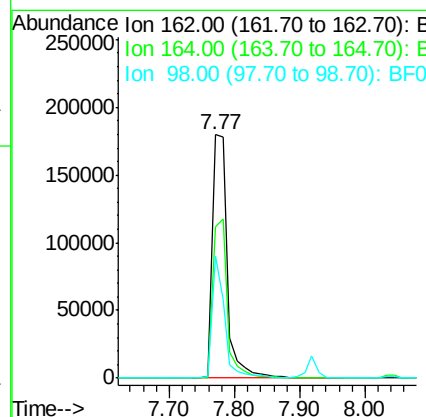
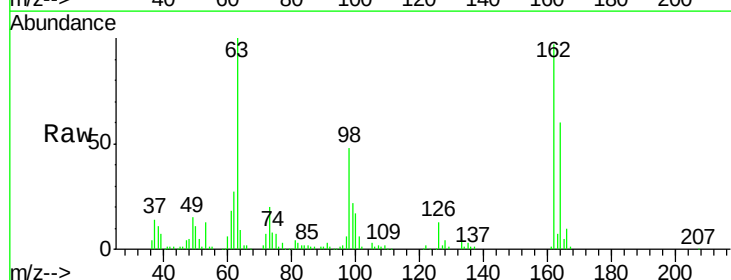
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

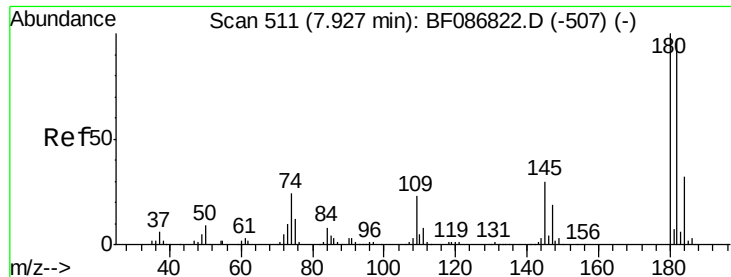
Tgt Ion: 93 Resp: 467520
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.0 39.0
 123 10.3 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 37.19 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.09 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion: 162 Resp: 290494
 Ion Ratio Lower Upper
 162 100
 164 62.1 42.2 82.2
 98 50.1 19.0 59.0

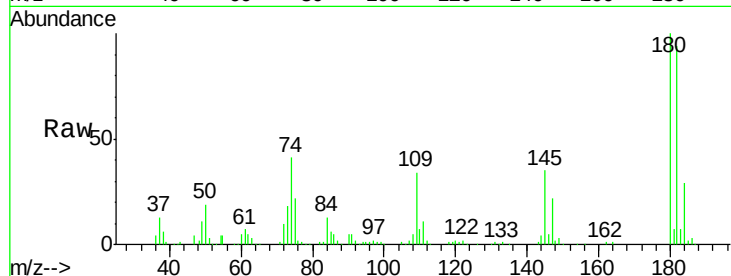




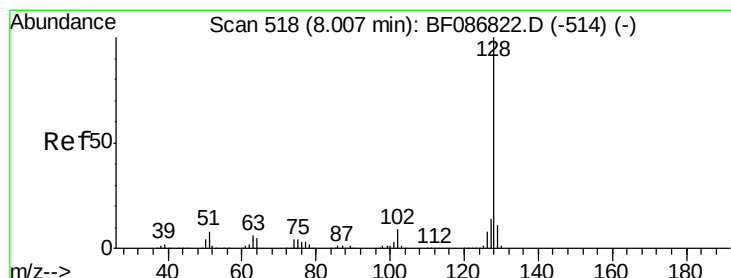
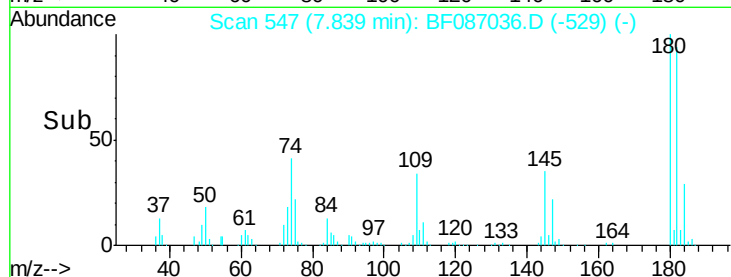
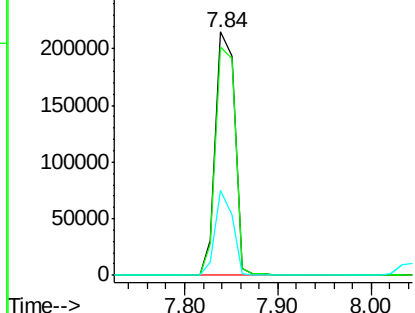
#30
 1,2,4-Trichlorobenzene
 Concen: 35.43 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.09 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion:180 Resp: 309452
 Ion Ratio Lower Upper
 180 100
 182 93.9 78.0 117.0
 145 34.9 24.2 36.2

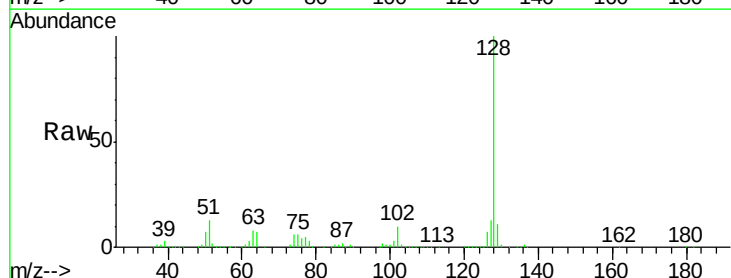


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

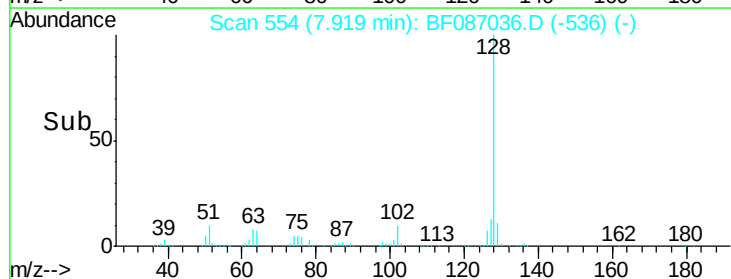
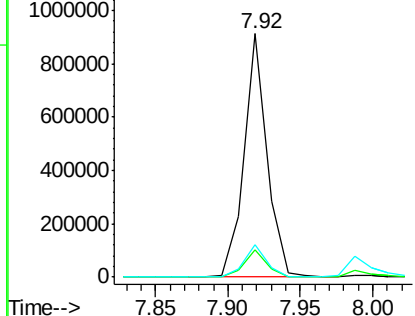


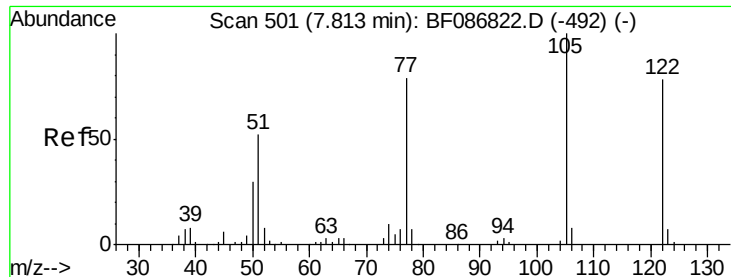
#31
 Naphthalene
 Concen: 34.42 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion:128 Resp: 997619
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 13.0
 127 13.2 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: 32.27 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

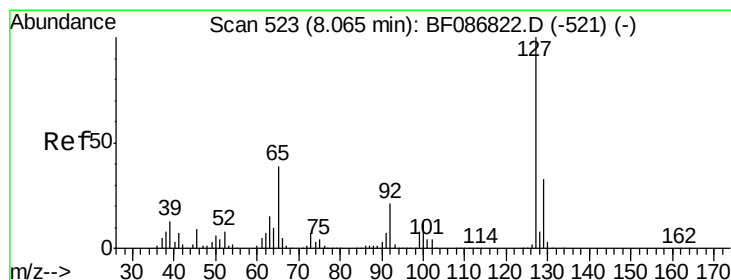
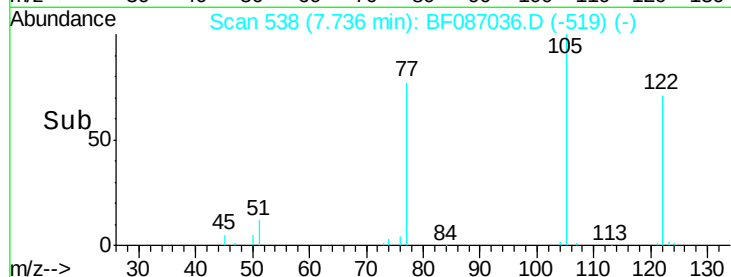
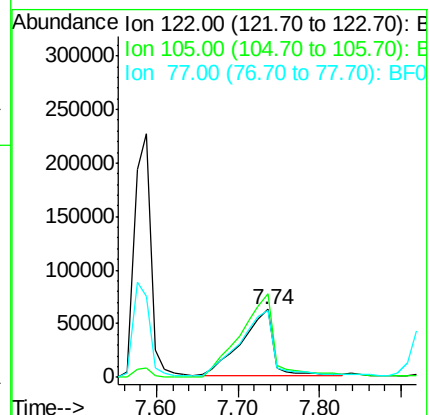
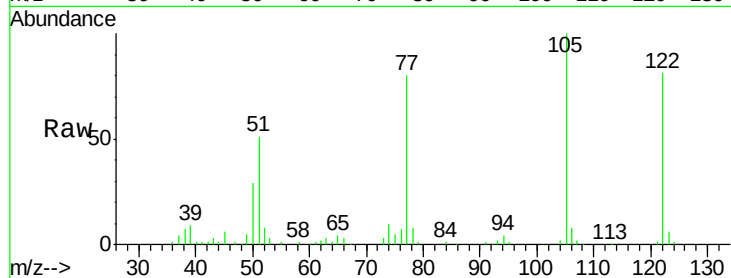
Tgt Ion:122 Resp: 168193

Ion Ratio Lower Upper

122 100

105 123.5 92.6 132.6

77 98.9 60.0 100.0



#33

4-Chloroaniline

Concen: 9.72 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion:127 Resp: 109457

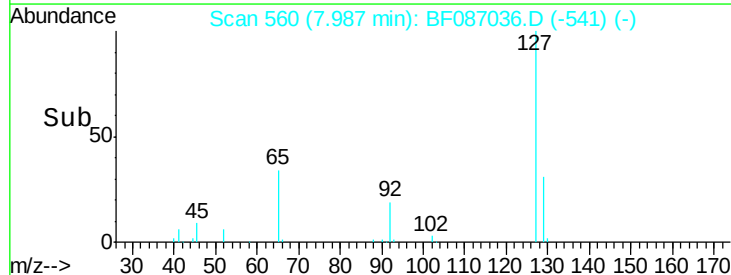
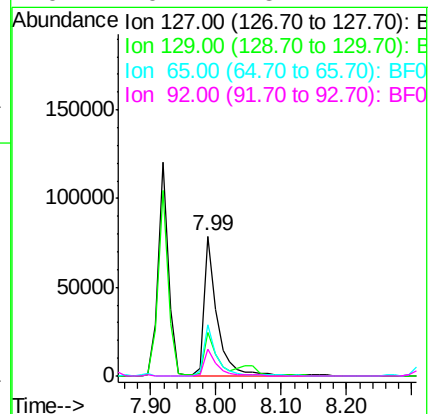
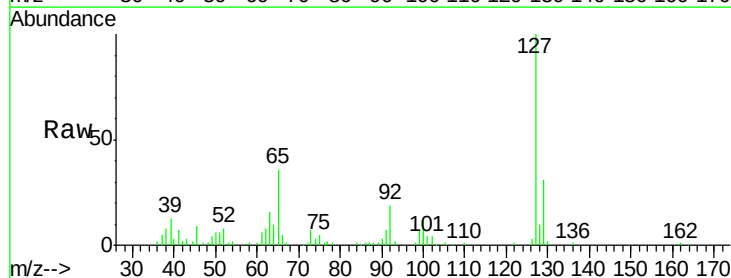
Ion Ratio Lower Upper

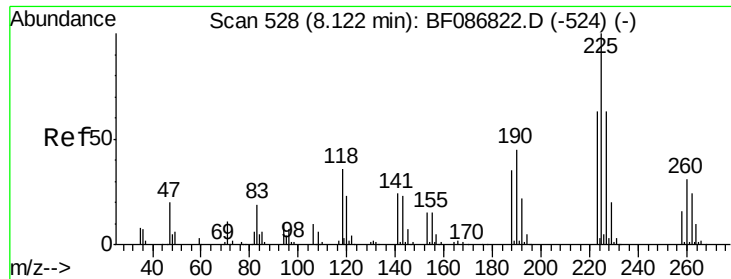
127 100

129 31.5 26.2 39.4

65 36.5 23.0 34.4#

92 19.2 15.1 22.7





#34

Hexachlorobutadiene

Concen: 36.16 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

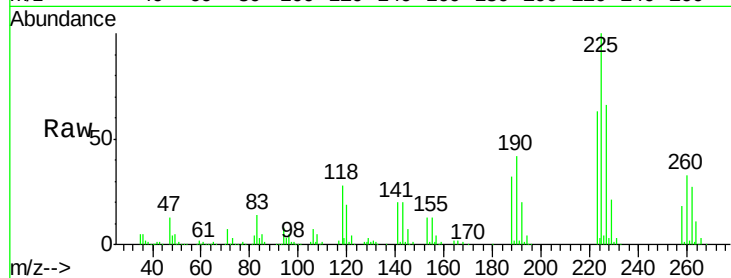
Tgt Ion: 225 Resp: 183244

Ion Ratio Lower Upper

225 100

223 63.0 51.5 77.3

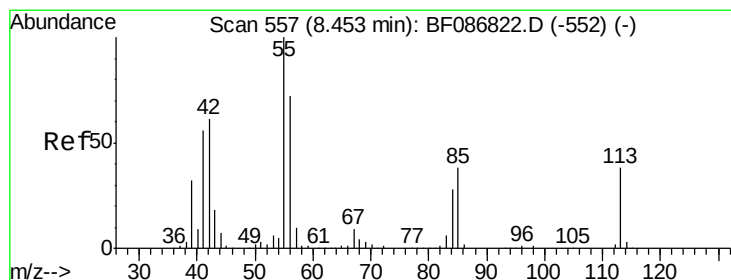
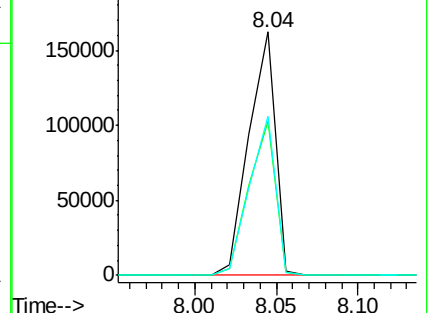
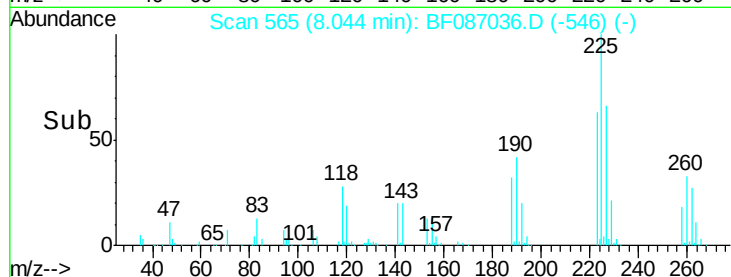
227 65.5 52.2 78.2



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: 27.77 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

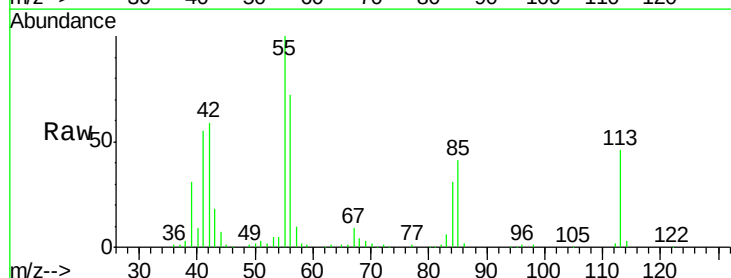
Tgt Ion: 113 Resp: 73807

Ion Ratio Lower Upper

113 100

55 218.6 162.0 202.0#

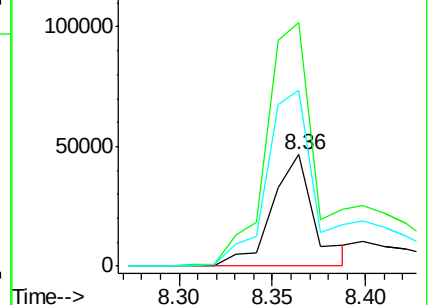
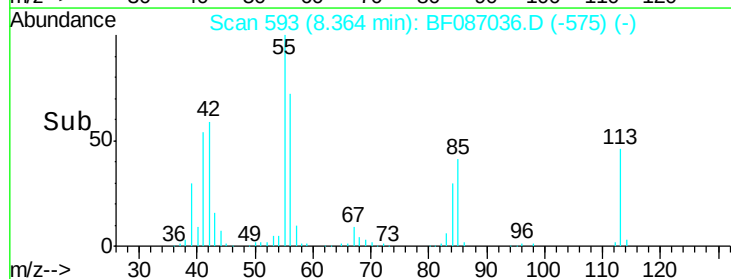
56 157.8 115.3 155.3#

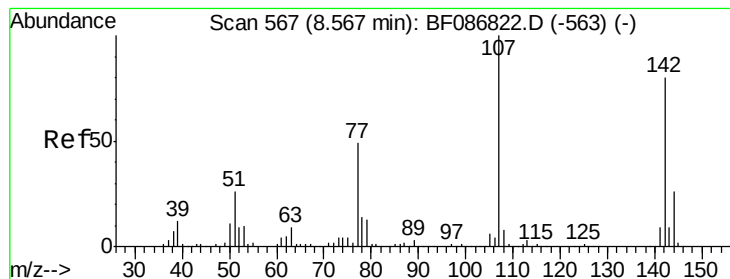


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 35.00 ng

RT: 8.49 min Scan# 604

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

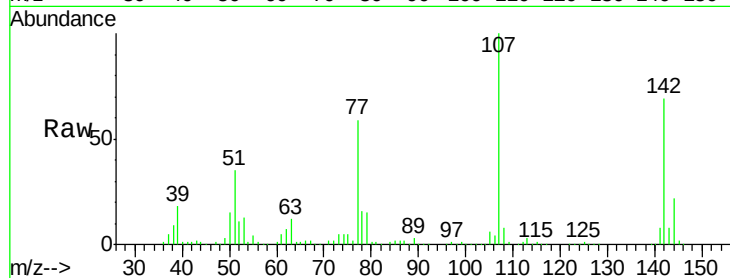
Tgt Ion:107 Resp: 331607

Ion Ratio Lower Upper

107 100

144 22.1 20.7 31.1

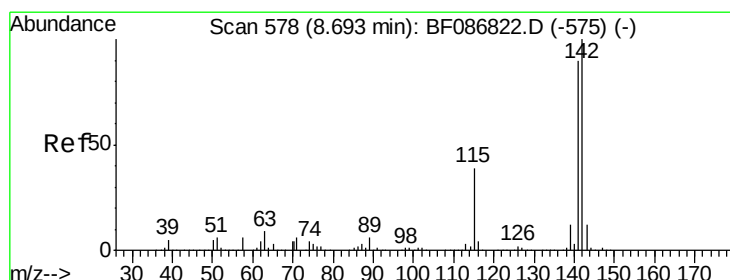
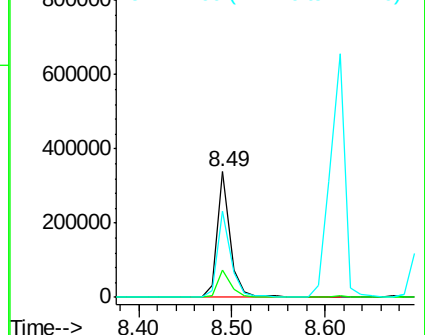
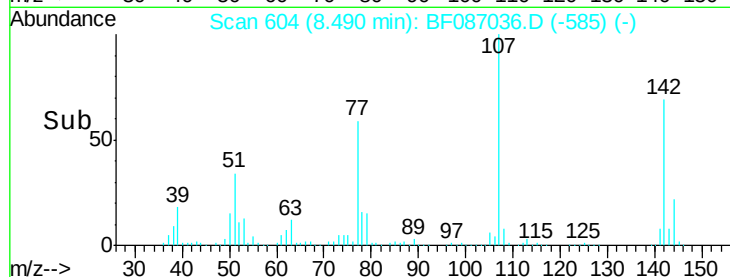
142 69.1 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 41.72 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

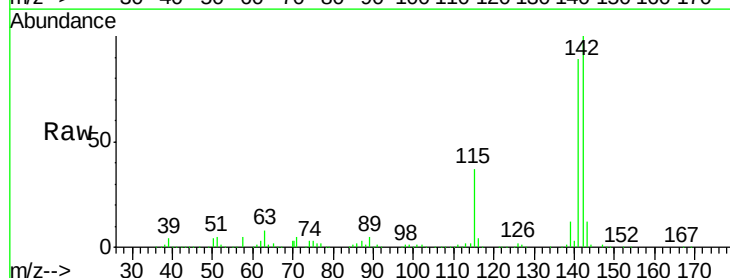
Tgt Ion:142 Resp: 706840

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

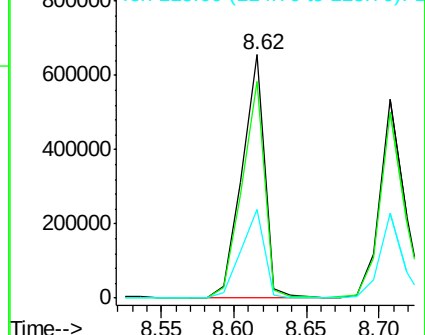
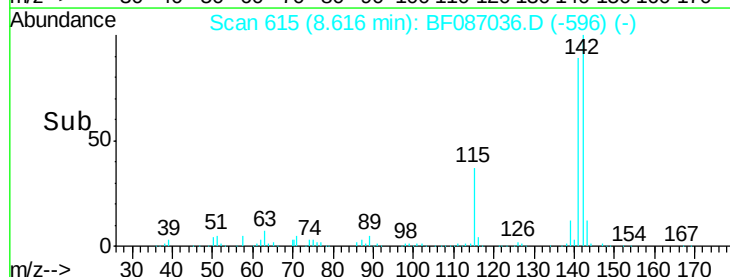
115 36.6 26.6 39.8

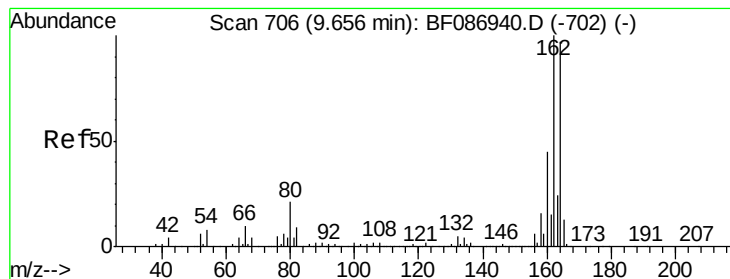


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

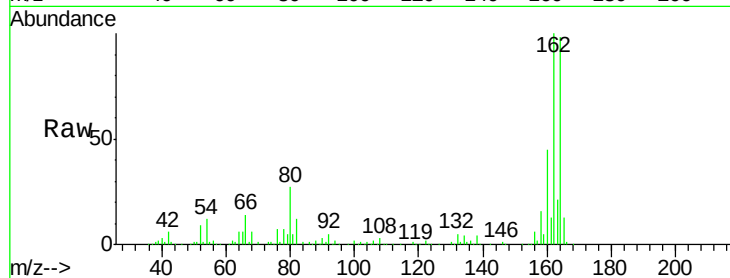
Tgt Ion:164 Resp: 278169

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

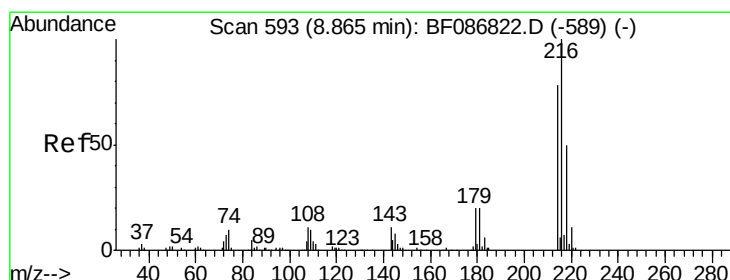
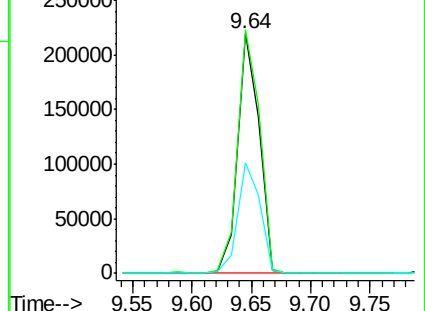
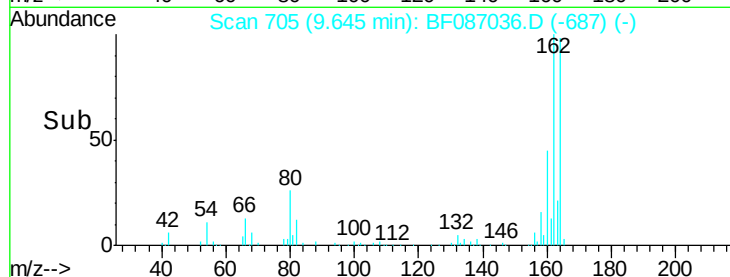
160 46.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.31 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion:216 Resp: 277500

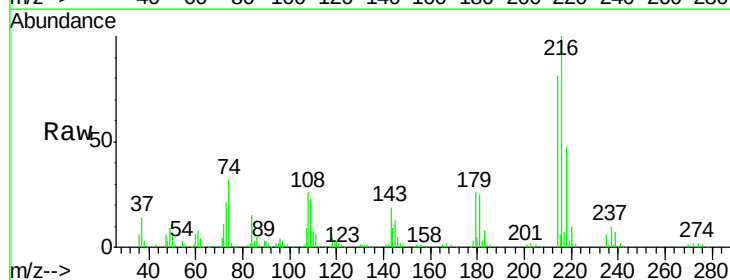
Ion Ratio Lower Upper

216 100

214 79.3 62.6 93.8

179 23.1 18.2 27.4

108 24.8 17.5 26.3

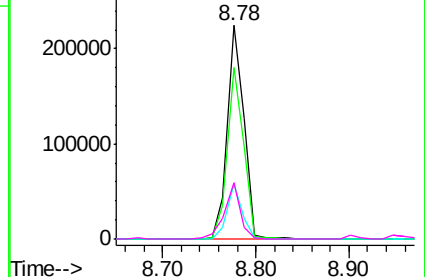
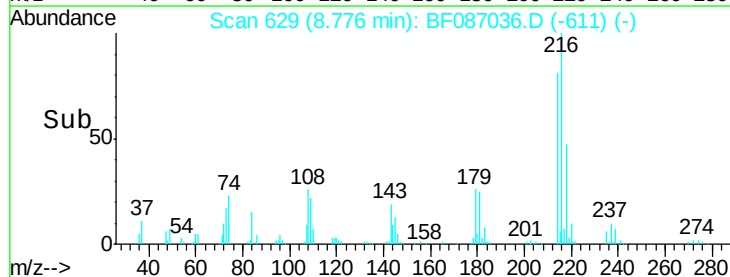


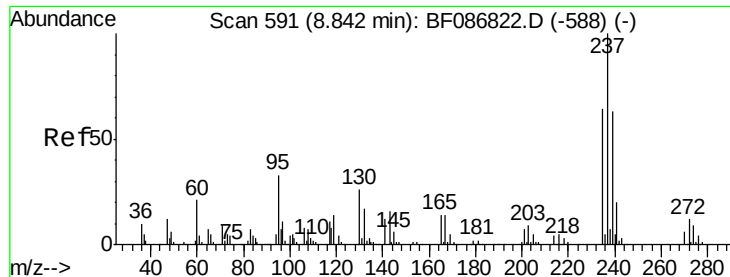
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 55.64 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

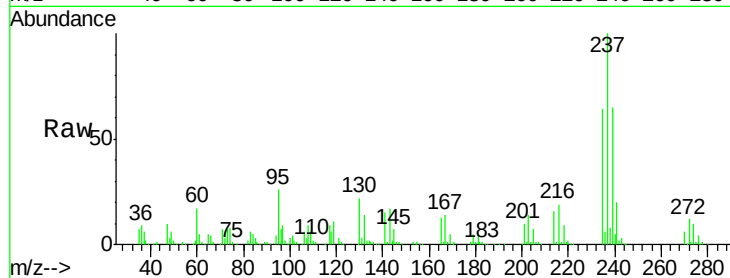
Tgt Ion: 237 Resp: 213575

Ion Ratio Lower Upper

237 100

235 64.1 47.2 87.2

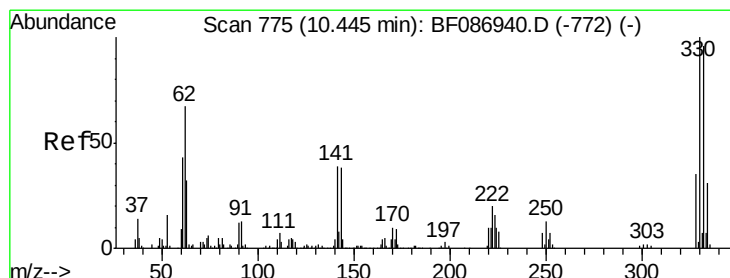
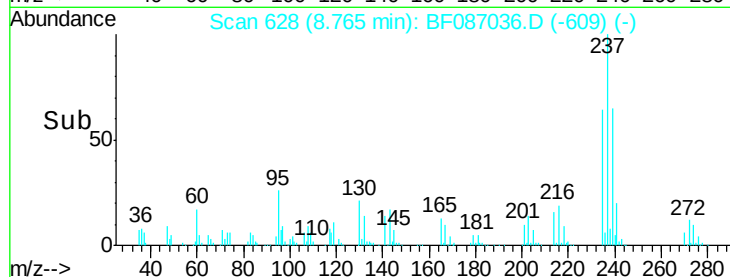
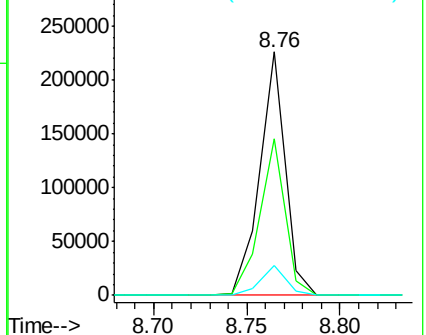
272 12.1 0.0 31.1



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: 118.89 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

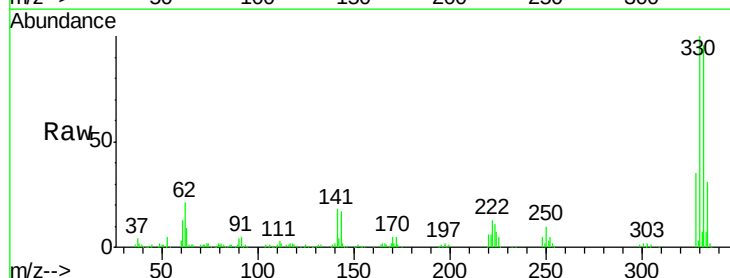
Tgt Ion: 330 Resp: 350114

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

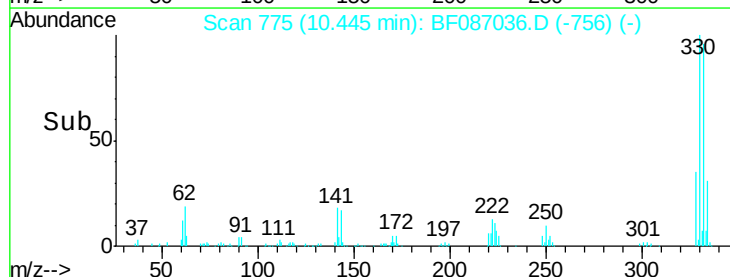
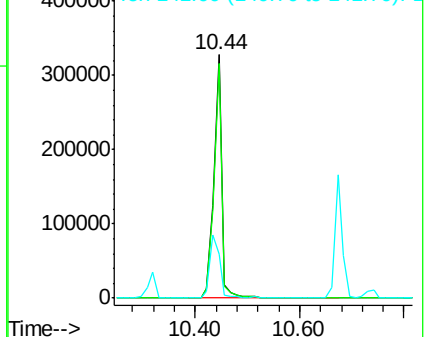
141 32.5 31.2 46.8

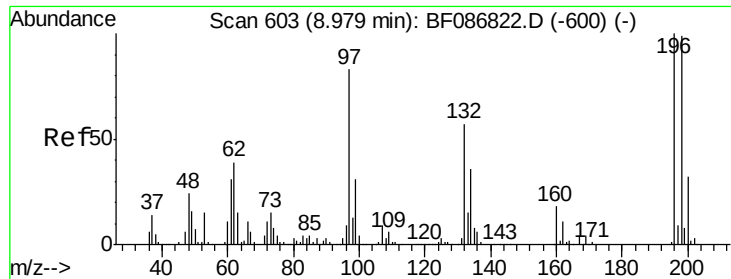


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

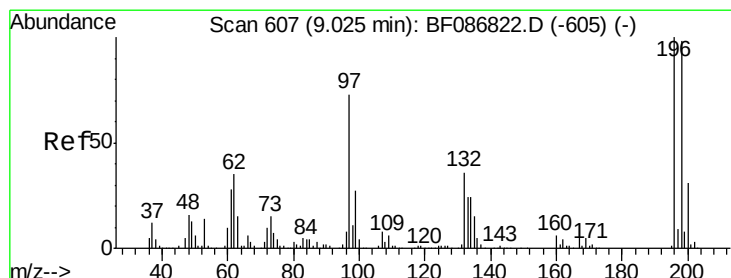
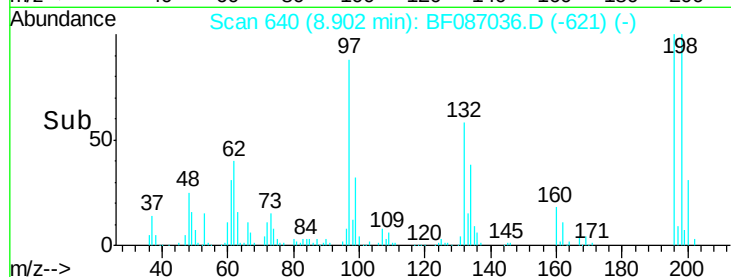
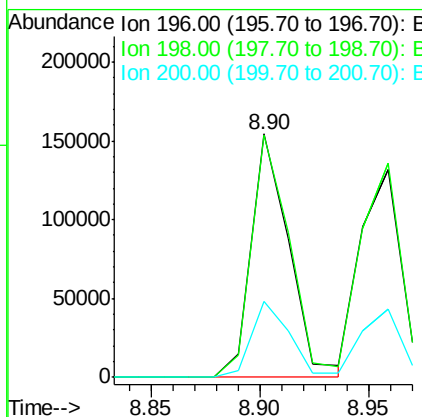
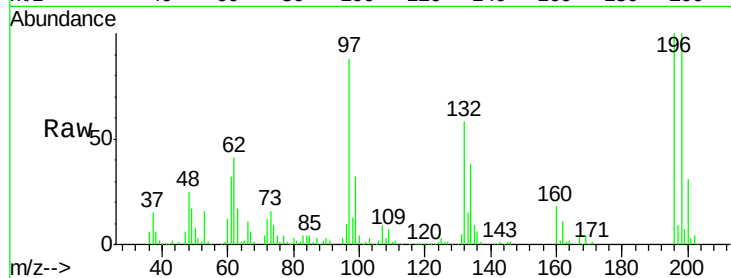




#42
 2,4,6-Trichlorophenol
 Concen: 34.73 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

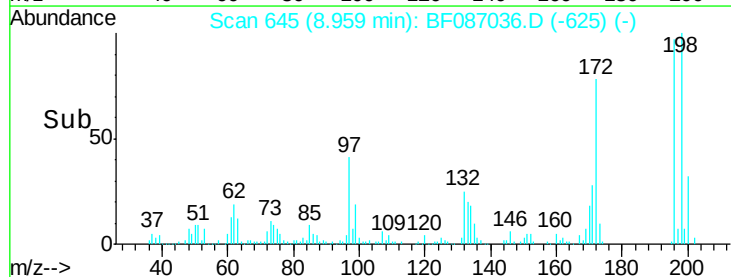
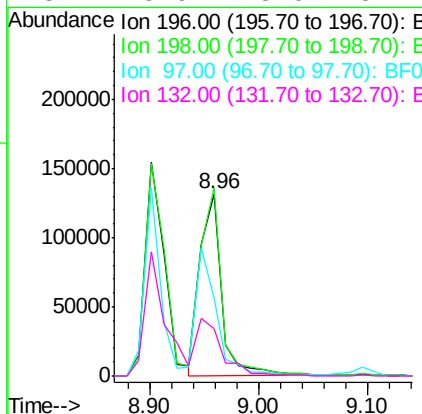
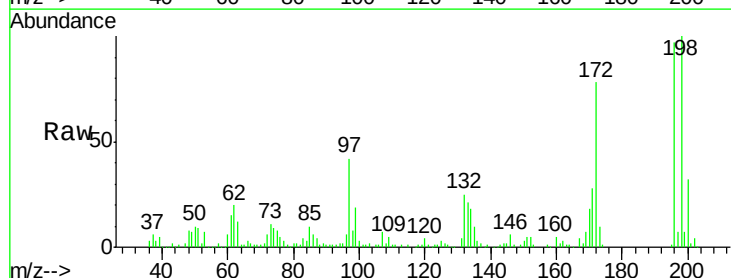
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

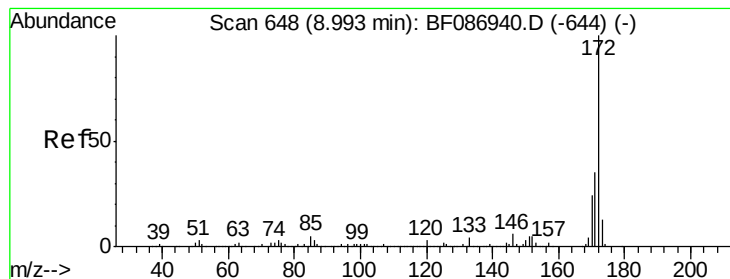
Tgt Ion:196 Resp: 187812
 Ion Ratio Lower Upper
 196 100
 198 99.8 74.7 112.1
 200 31.4 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 33.09 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion:196 Resp: 185078
 Ion Ratio Lower Upper
 196 100
 198 103.1 77.5 116.3
 97 43.1 34.8 52.2
 132 25.9 23.0 34.4





#44

2-Fluorobiphenyl

Concen: 80.74 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

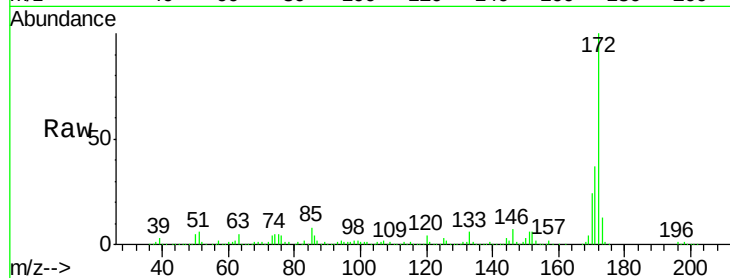
Tgt Ion:172 Resp: 1336271

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

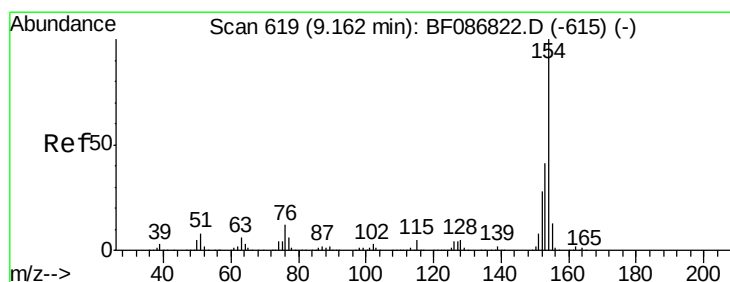
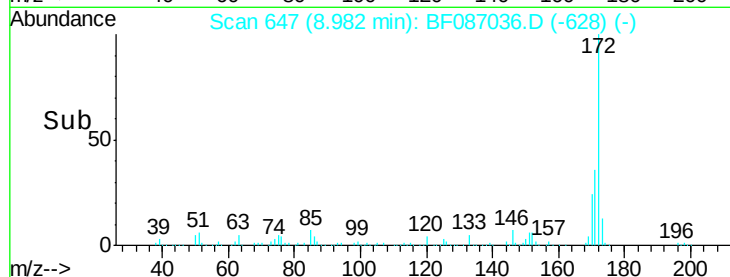
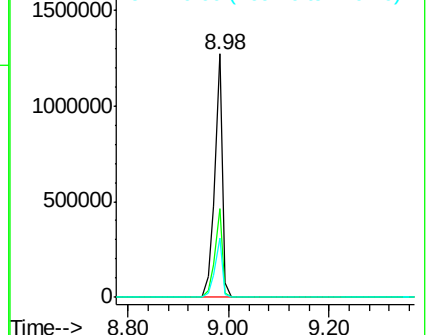
170 24.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 37.86 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

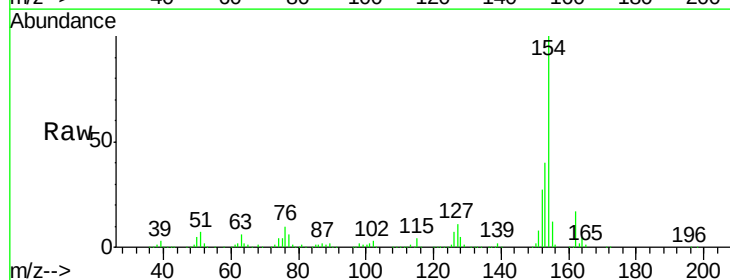
Tgt Ion:154 Resp: 837635

Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

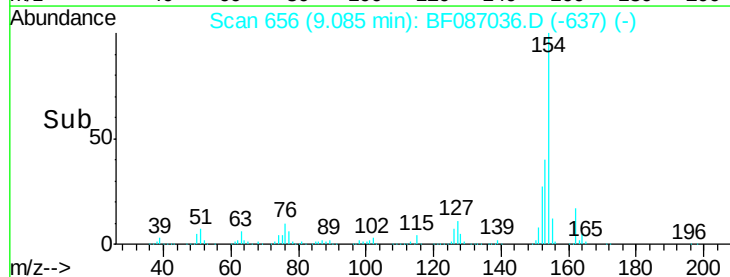
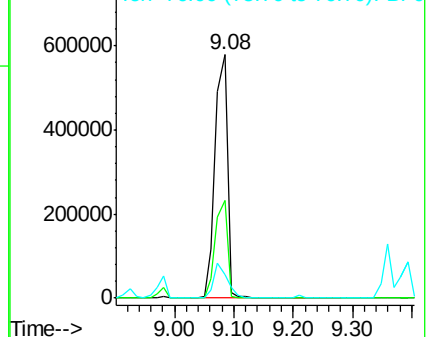
76 9.6 0.0 30.2

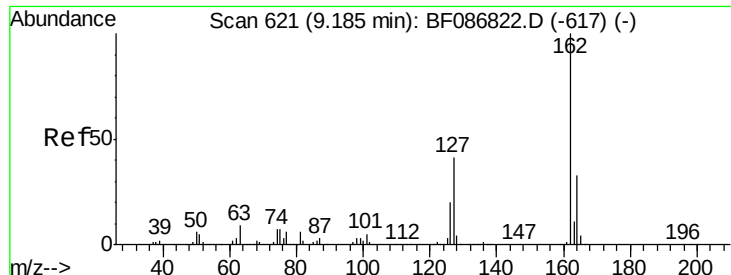


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

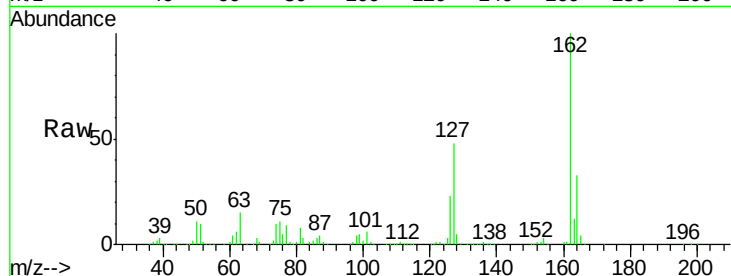




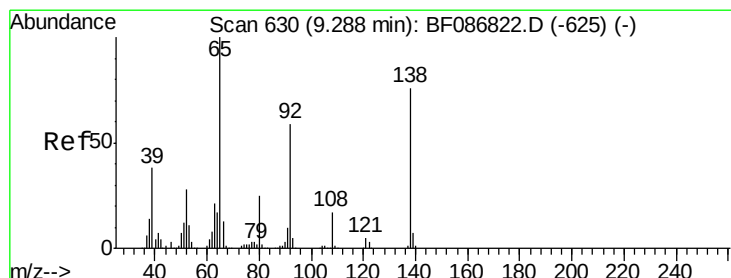
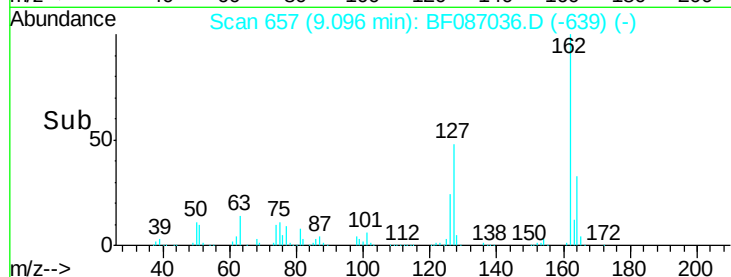
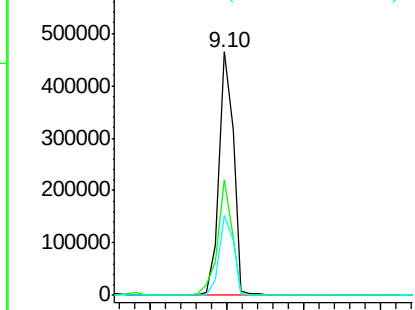
#46
 2-Chloronaphthalene
 Concen: 35.73 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.09 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion: 162 Resp: 619290
 Ion Ratio Lower Upper
 162 100
 127 47.5 31.8 47.6
 164 32.5 27.0 40.6

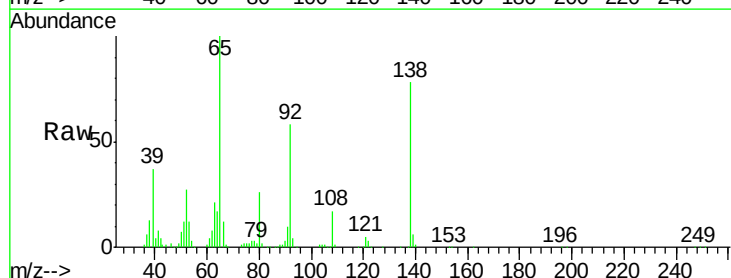


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

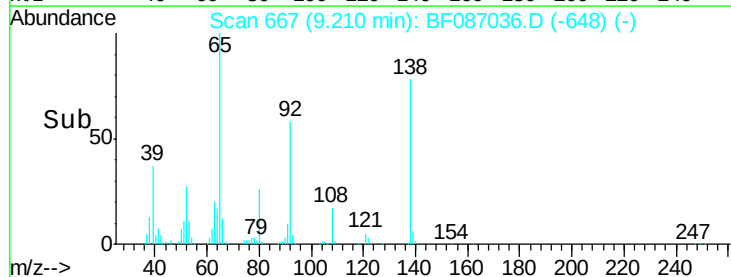
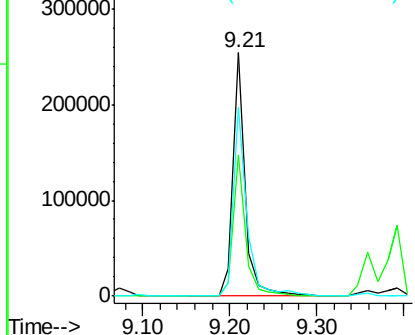


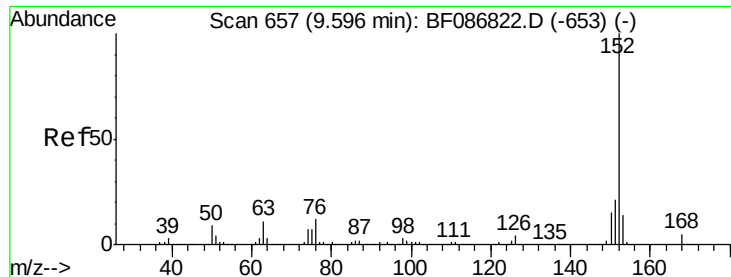
#47
 2-Nitroaniline
 Concen: 38.81 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion: 65 Resp: 245858
 Ion Ratio Lower Upper
 65 100
 92 57.9 57.4 86.2
 138 77.5 90.1 135.1#



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





#48

Acenaphthylene

Concen: 37.52 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

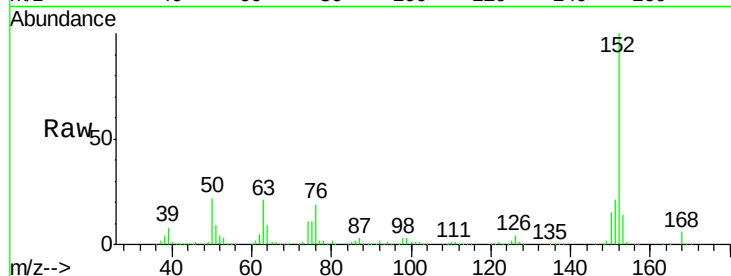
Tgt Ion:152 Resp: 956604

Ion Ratio Lower Upper

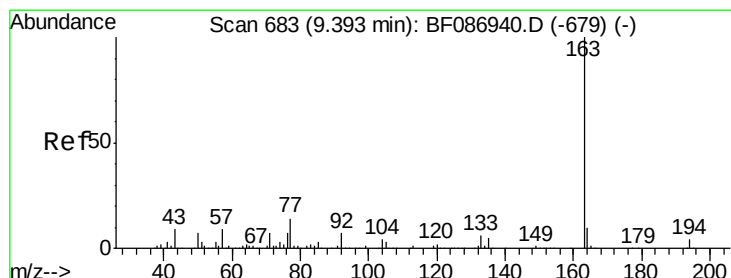
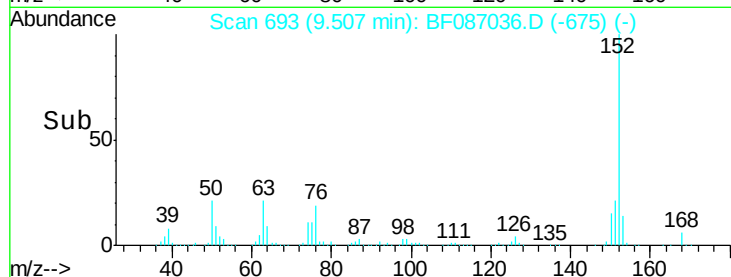
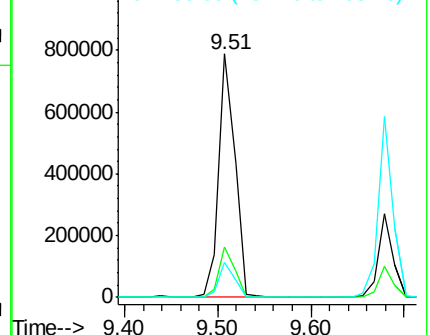
152 100

151 20.6 16.8 25.2

153 14.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 37.78 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

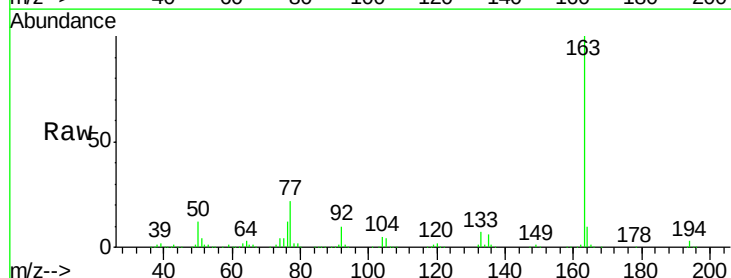
Tgt Ion:163 Resp: 801791

Ion Ratio Lower Upper

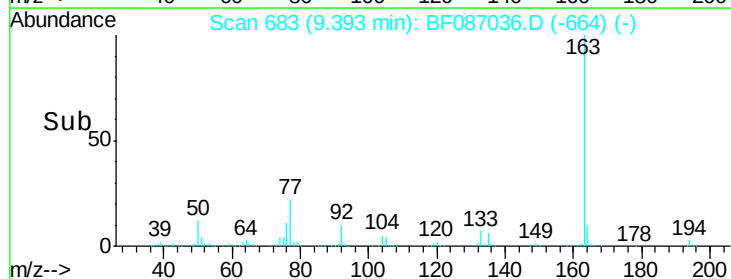
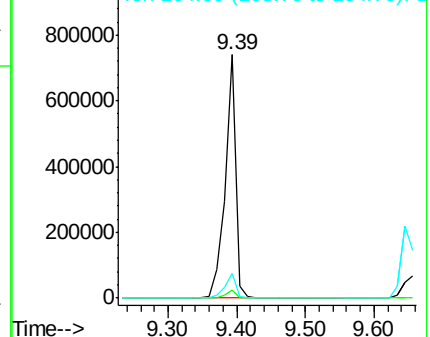
163 100

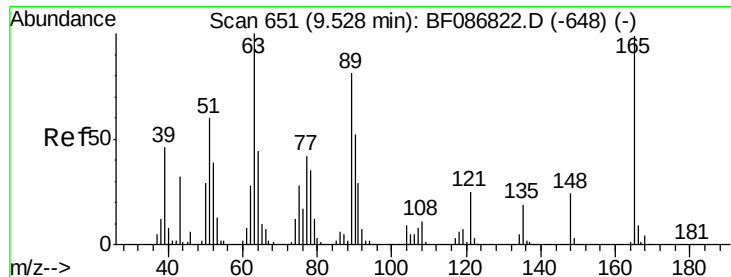
194 3.3 2.6 4.0

164 10.0 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: 34.46 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

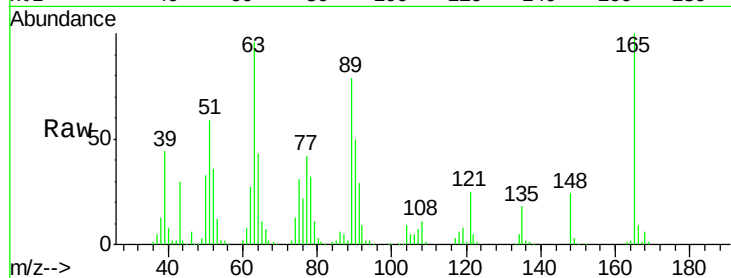
Tgt Ion:165 Resp: 153898

Ion Ratio Lower Upper

165 100

63 96.1 51.8 77.8#

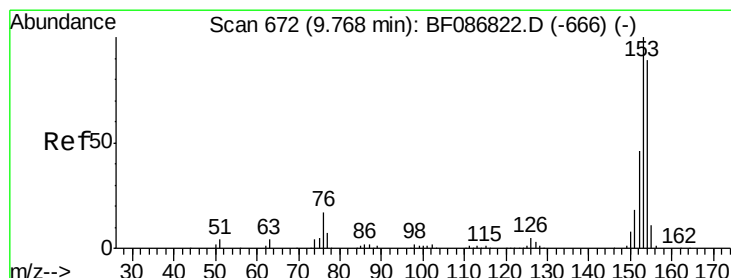
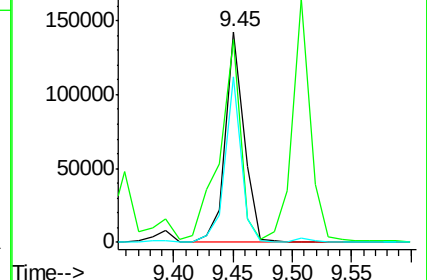
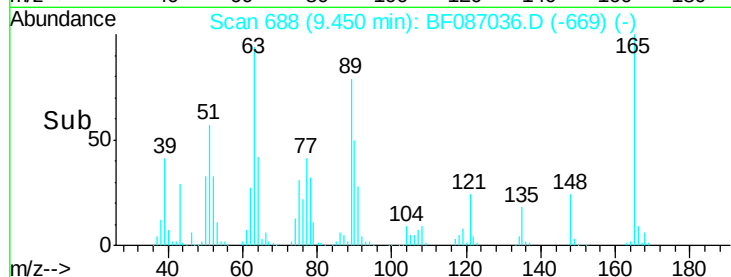
89 78.5 50.7 76.1#



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: 36.11 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

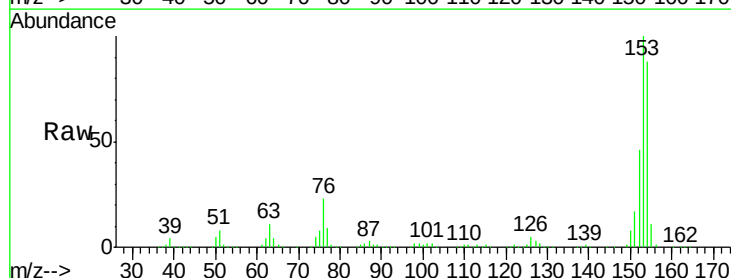
Tgt Ion:154 Resp: 572777

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

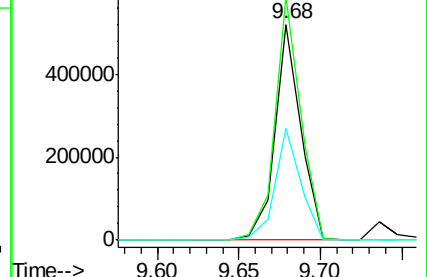
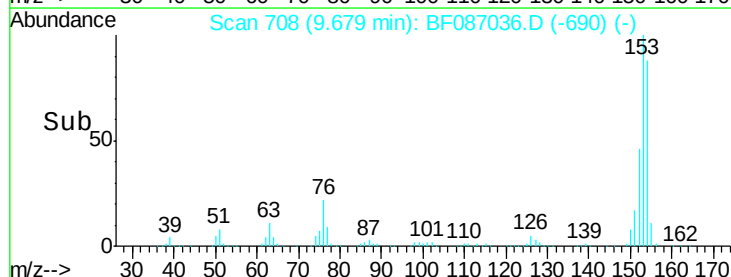
152 51.8 43.4 65.0

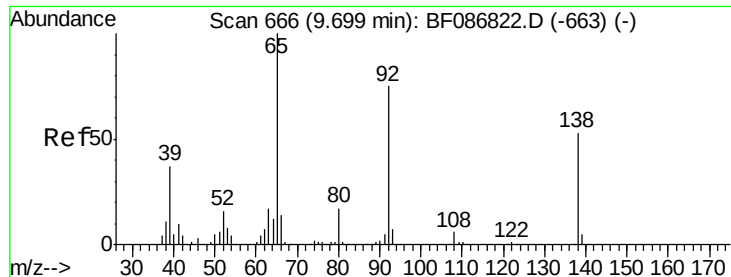


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

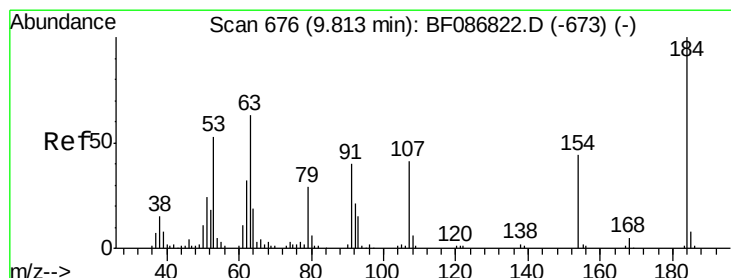
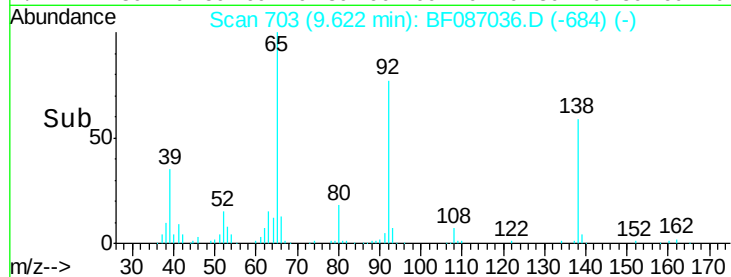
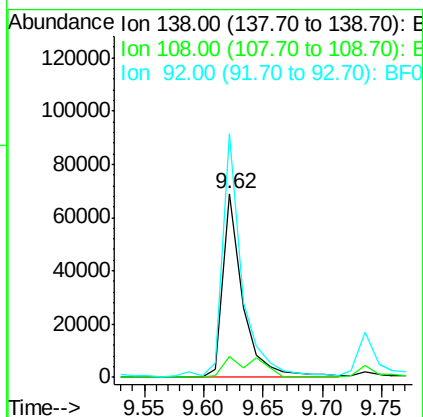
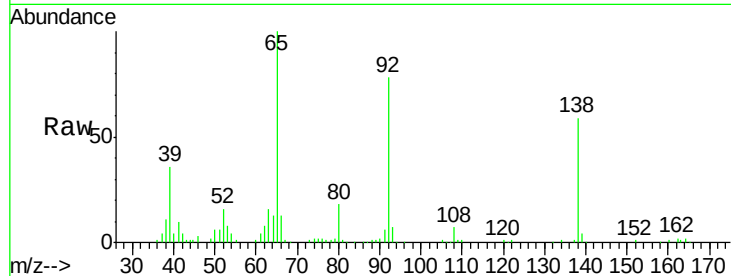




#52
 3-Nitroaniline
 Concen: 17.16 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

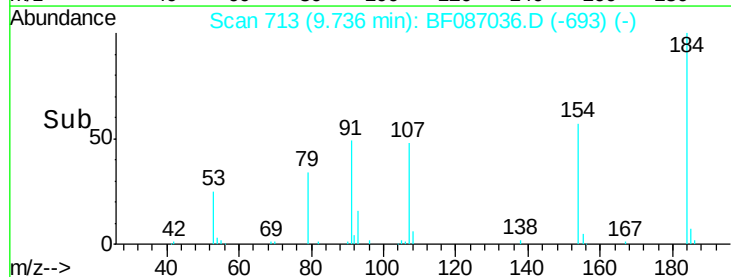
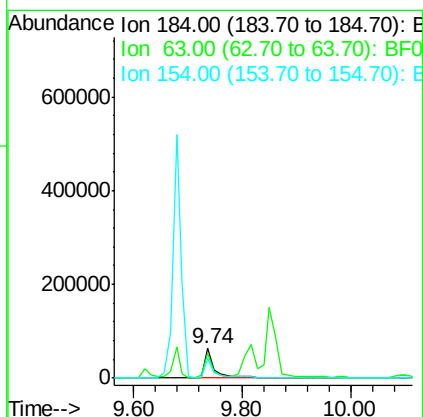
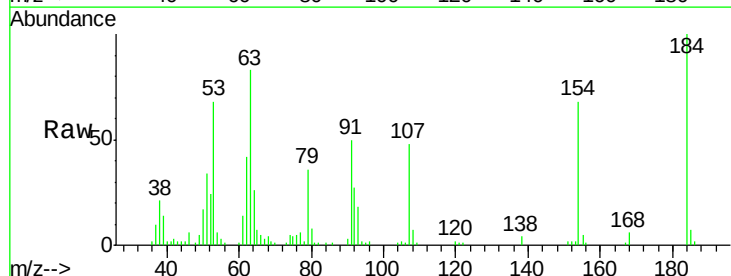
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

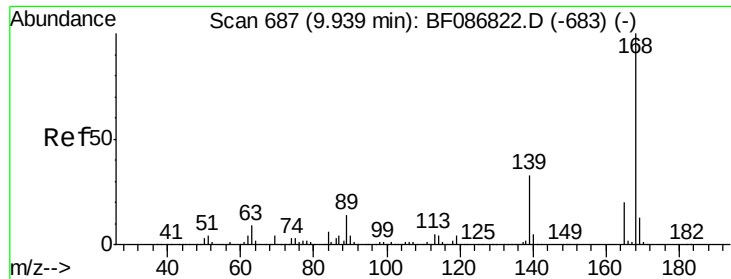
Tgt Ion:138 Resp: 80677
 Ion Ratio Lower Upper
 138 100
 108 11.2 7.8 11.6
 92 132.5 87.8 131.8#



#53
 2,4-Dinitrophenol
 Concen: 40.46 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion:184 Resp: 82733
 Ion Ratio Lower Upper
 184 100
 63 82.8 55.8 83.8
 154 68.2 62.4 93.6

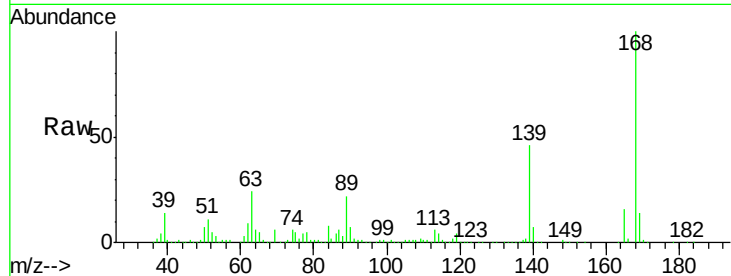




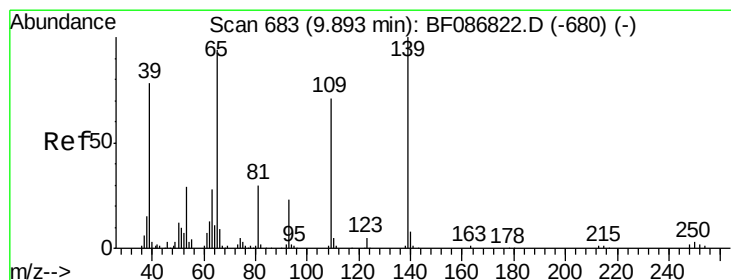
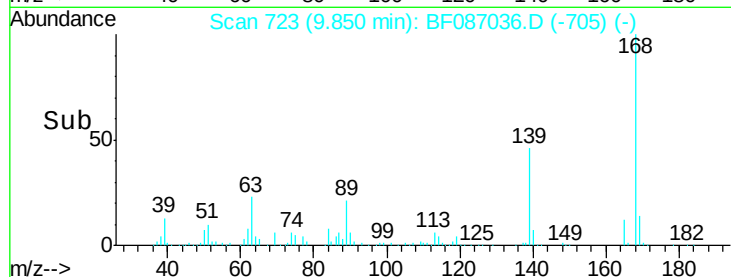
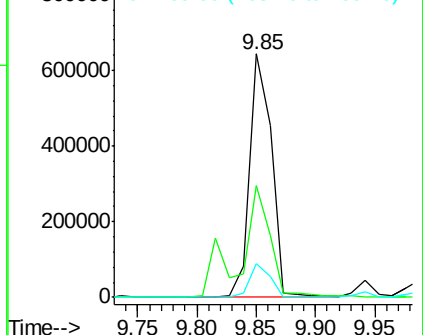
#54
Dibenzofuran
Concen: 40.77 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion:168 Resp: 830048
Ion Ratio Lower Upper
168 100
139 46.0 31.4 47.0
169 13.8 10.7 16.1

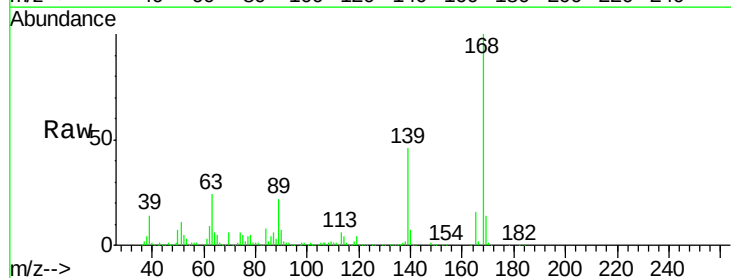


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

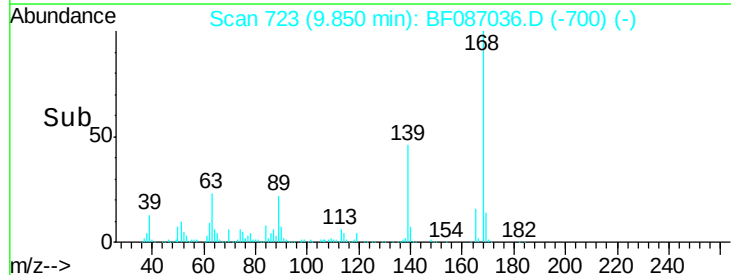
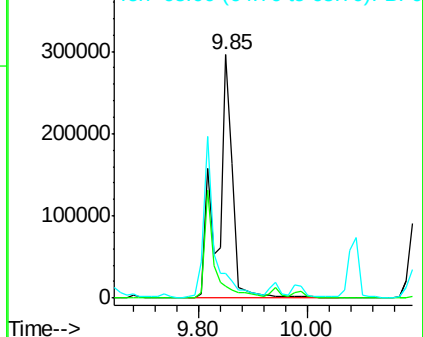


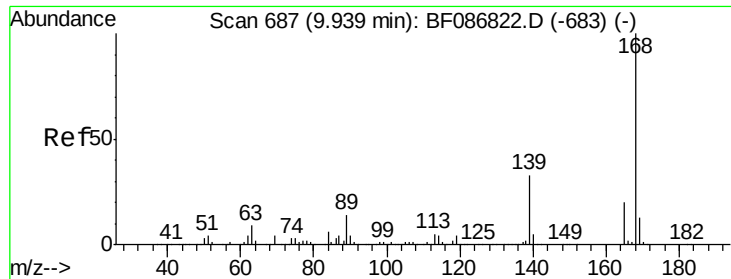
#55
4-Nitrophenol
Concen: 168.90 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion:139 Resp: 546372
Ion Ratio Lower Upper
139 100
109 4.7 36.9 76.9#
65 10.3 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 39.12 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampled :

PB90419BS

Tgt Ion:165 Resp: 216226

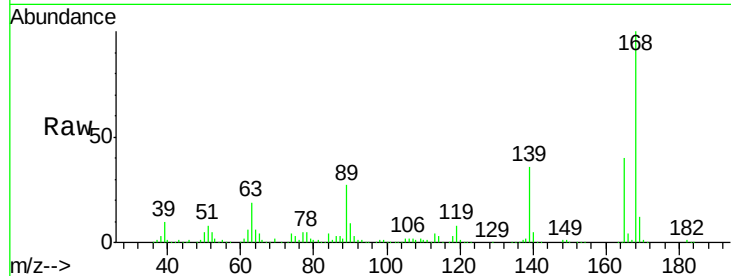
Ion Ratio Lower Upper

165 100

63 48.6 44.3 66.5

89 66.4 70.0 105.0#

182 2.4 1.8 2.6

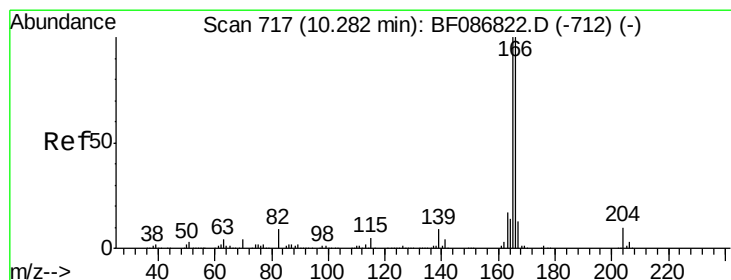
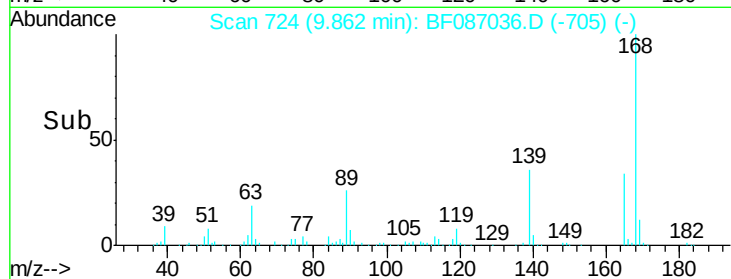
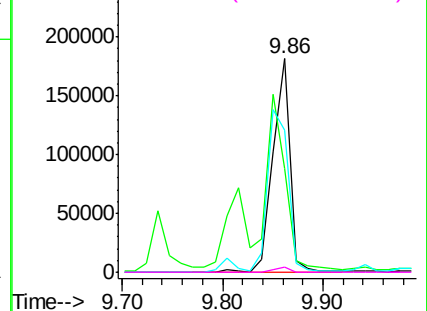


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 35.35 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

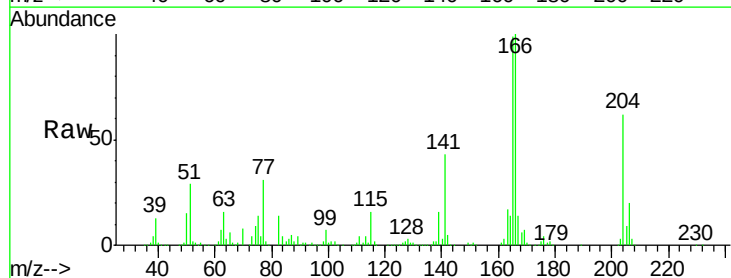
Tgt Ion:166 Resp: 613863

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.6

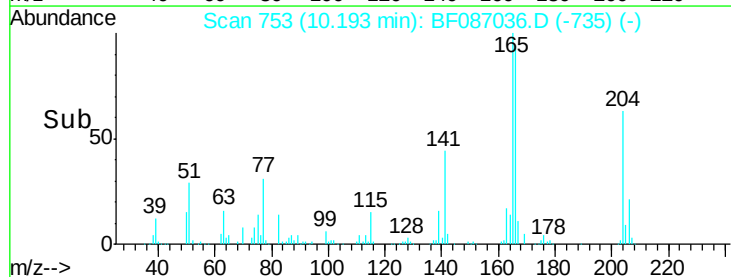
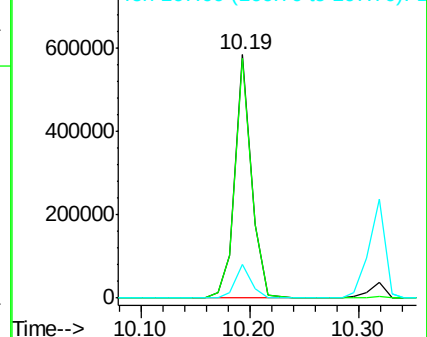
167 13.8 10.6 15.8

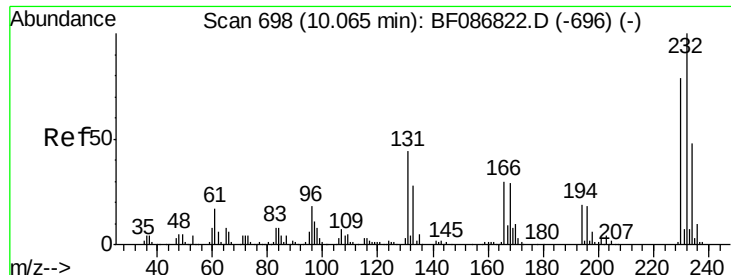


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

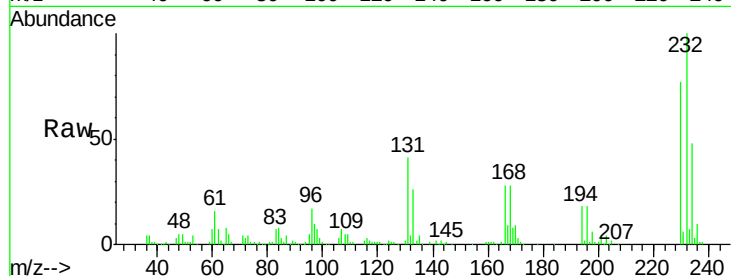




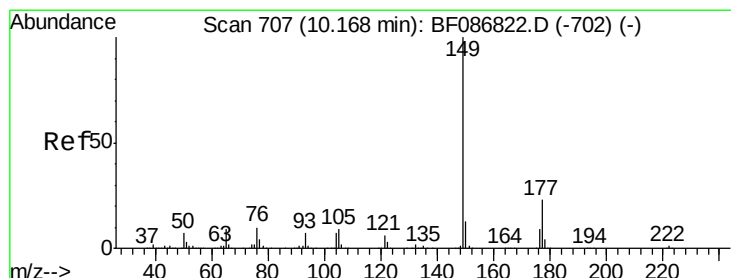
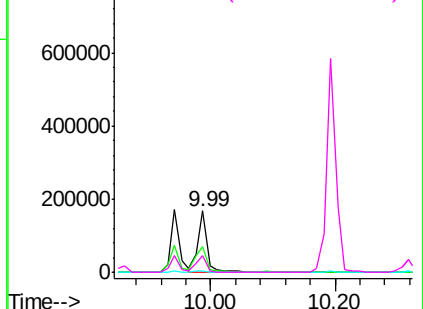
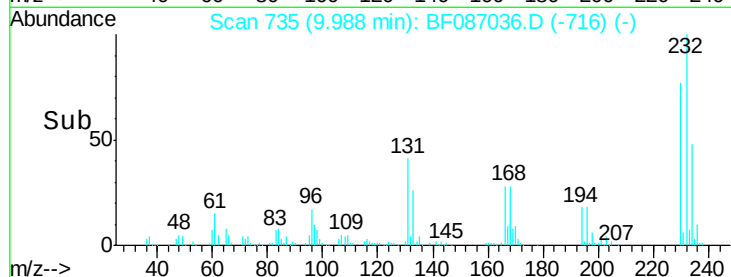
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.38 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion: 232 Resp: 174240
 Ion Ratio Lower Upper
 232 100
 131 50.1 41.9 62.9
 130 2.7 2.2 3.4
 166 29.9 26.8 40.2

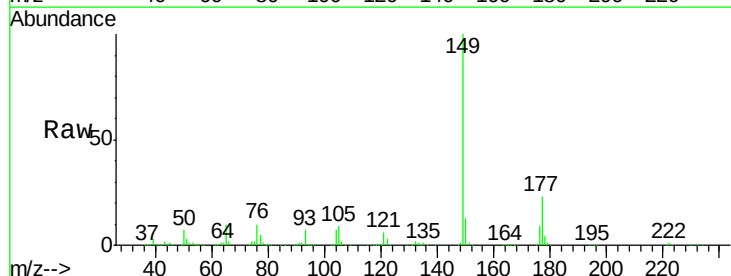


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

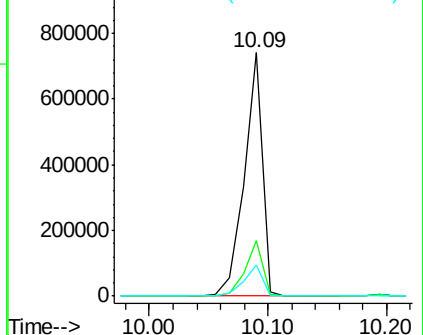
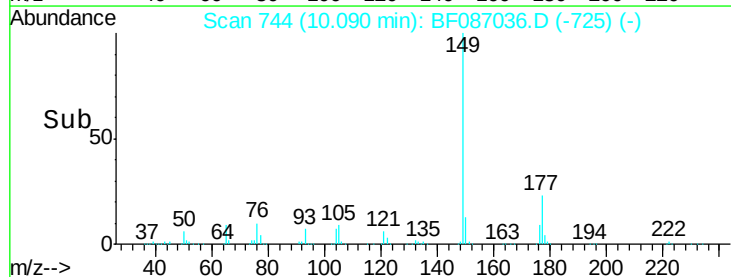


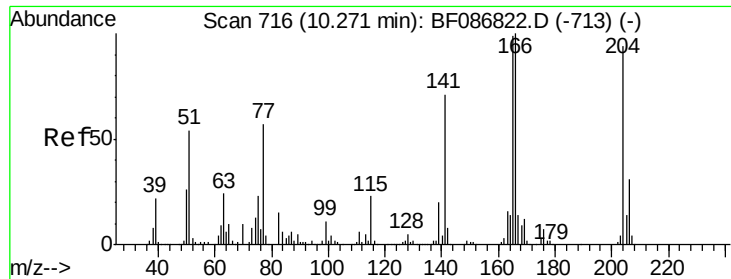
#59
 Diethylphthalate
 Concen: 38.38 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion: 149 Resp: 793700
 Ion Ratio Lower Upper
 149 100
 177 23.0 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

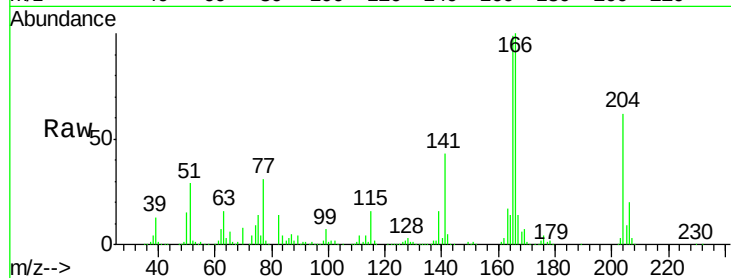




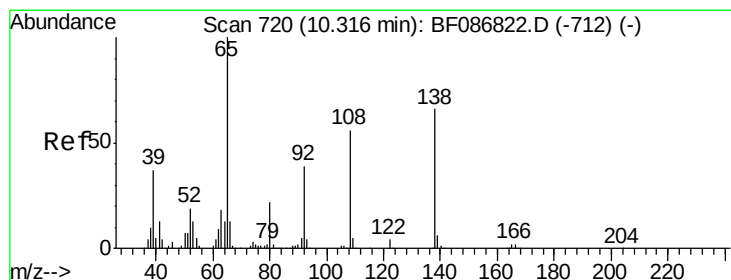
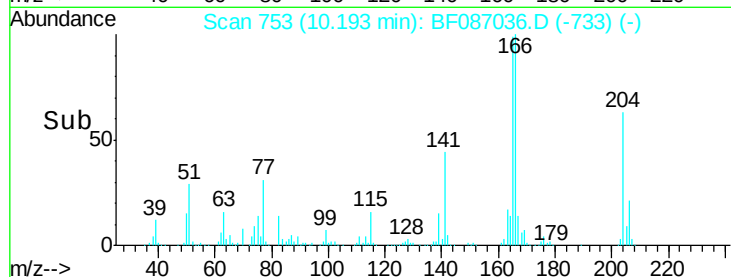
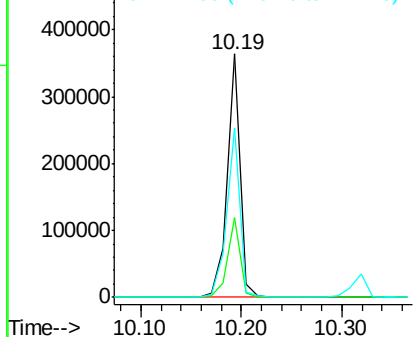
#60
 4-Chlorophenyl-phenylether
 Concen: 41.90 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.4	38.0
141	69.7	61.6	92.4

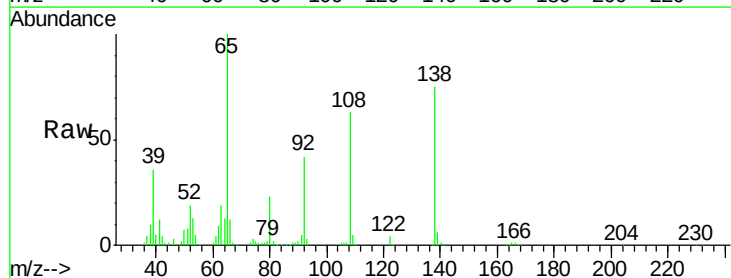


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

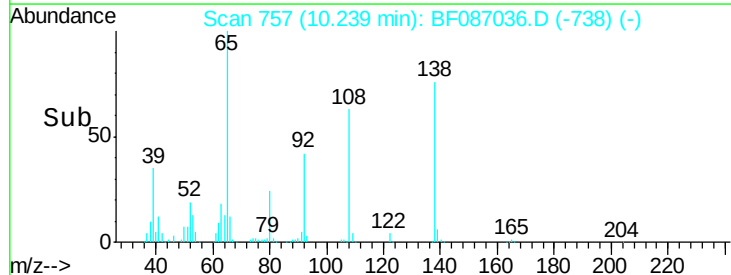
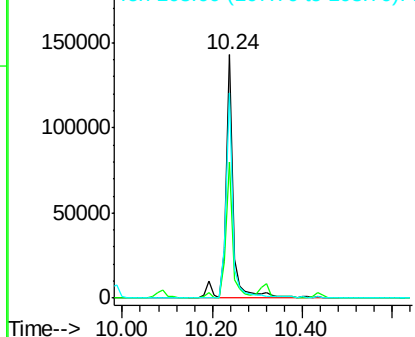


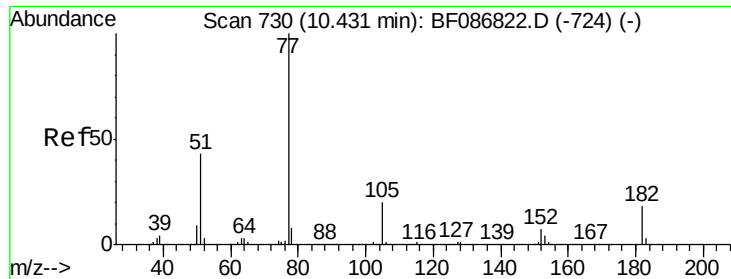
#61
 4-Nitroaniline
 Concen: 36.45 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	24.7	64.7
108	84.2	37.4	77.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 42.95 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

Tgt Ion: 77 Resp: 958335

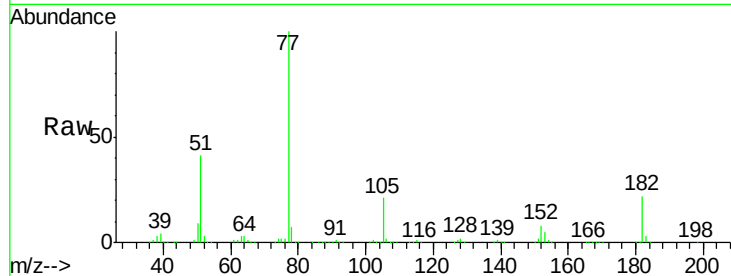
Ion Ratio Lower Upper

77 100

182 22.5 0.0 38.8

105 21.3 3.2 43.2

51 40.6 8.8 48.8

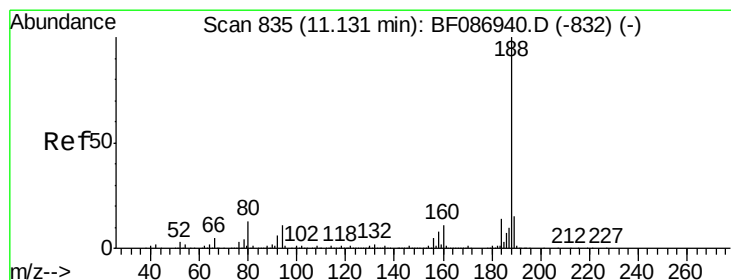
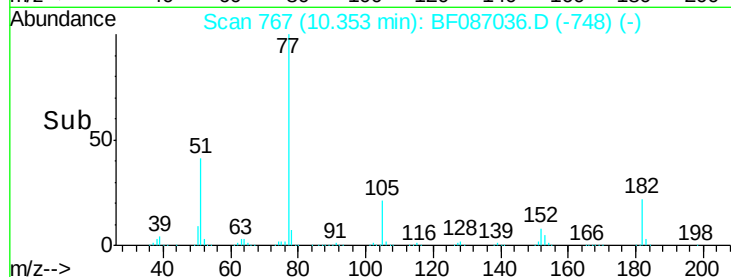
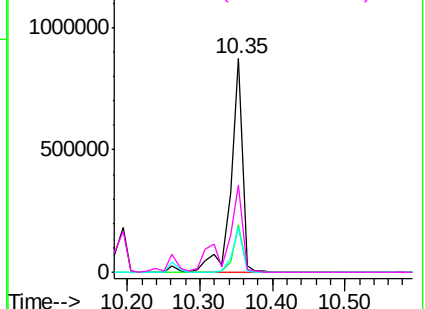


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

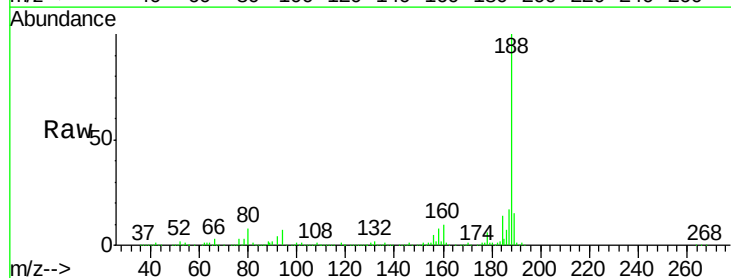
Tgt Ion: 188 Resp: 543405

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

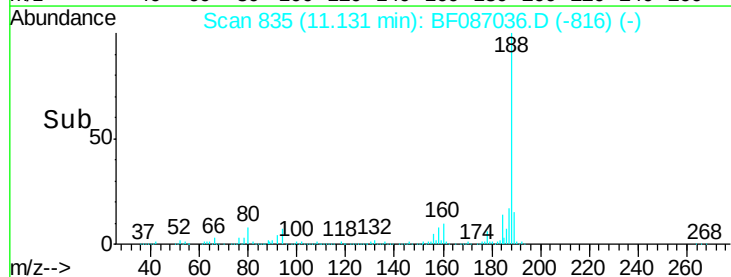
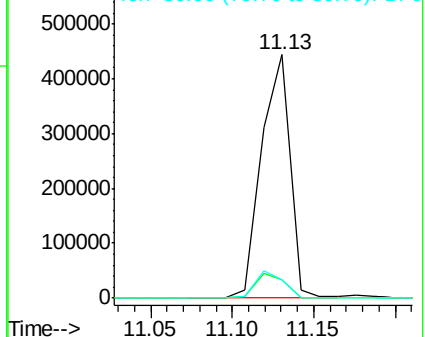
80 7.7 7.1 10.7

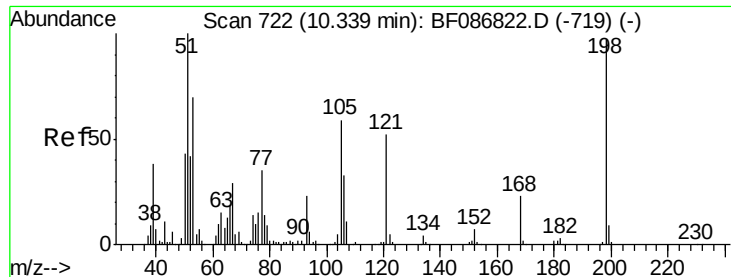


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.81 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

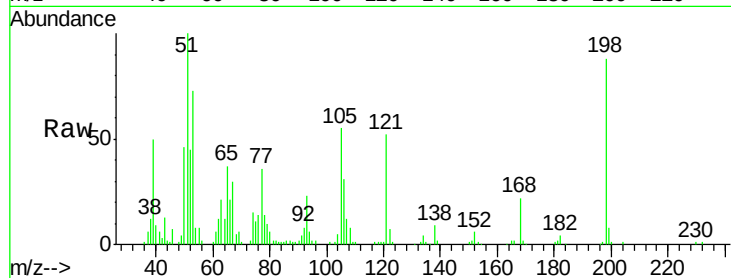
Tgt Ion:198 Resp: 76995

Ion Ratio Lower Upper

198 100

51 113.3 20.5 60.5#

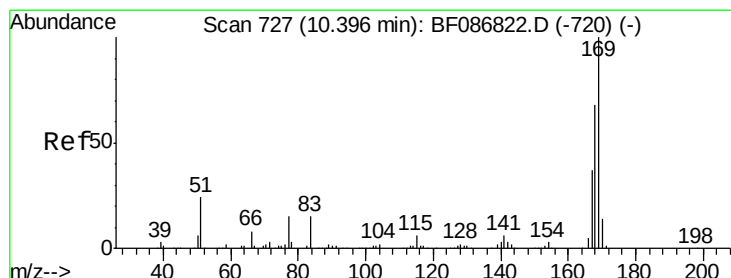
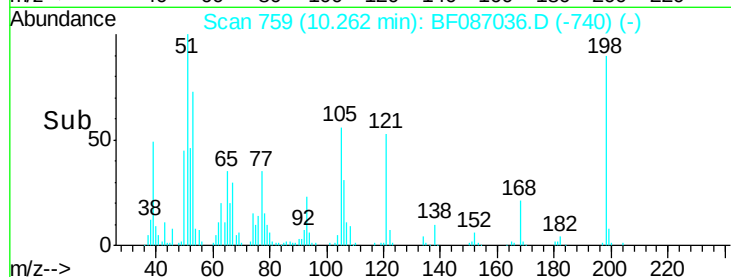
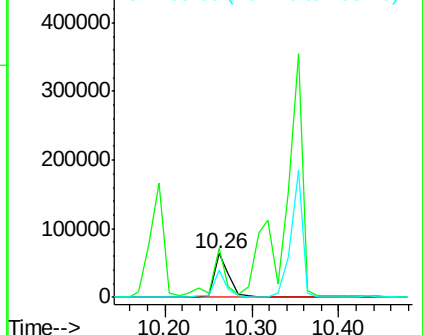
105 62.6 24.5 64.5



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: 39.12 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

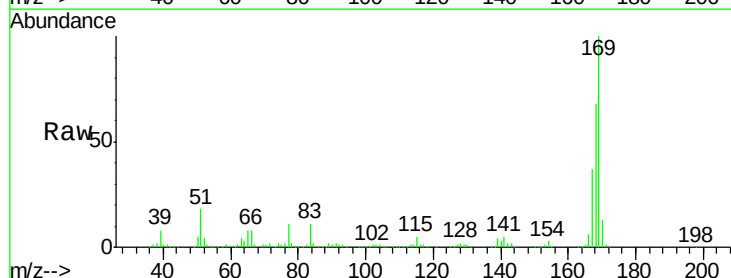
Tgt Ion:169 Resp: 653015

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.6

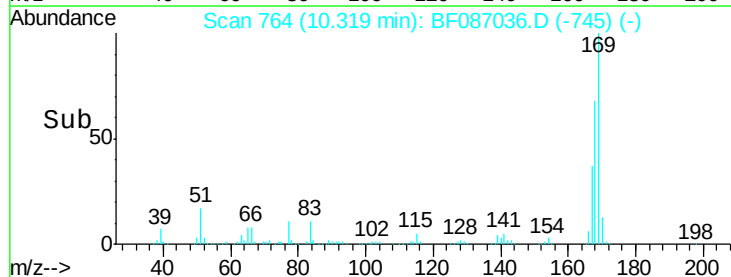
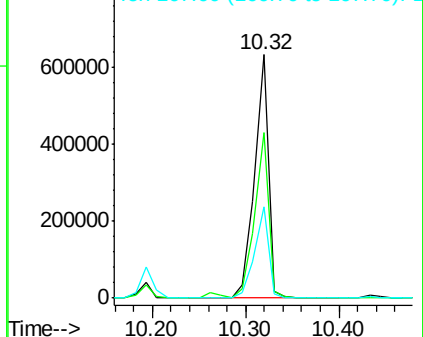
167 37.4 29.5 44.3

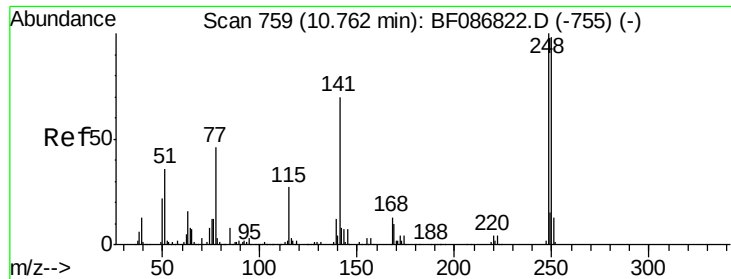


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 35.06 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

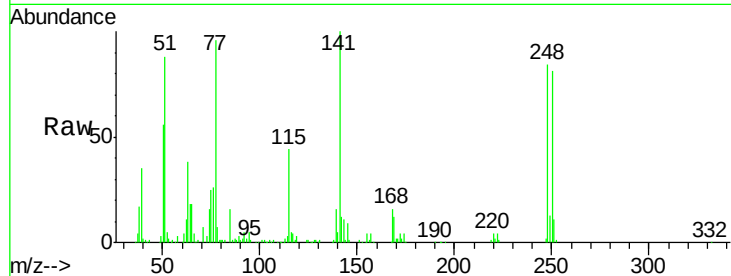
Tgt Ion:248 Resp: 193186

Ion Ratio Lower Upper

248 100

250 96.7 78.6 117.8

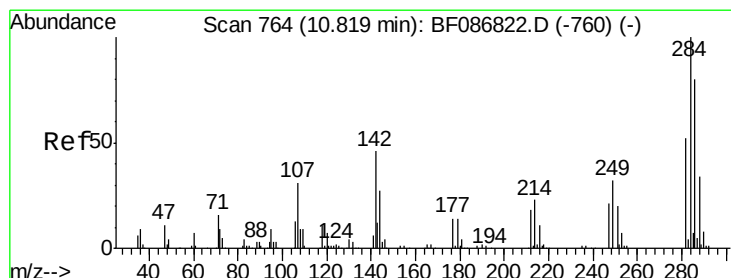
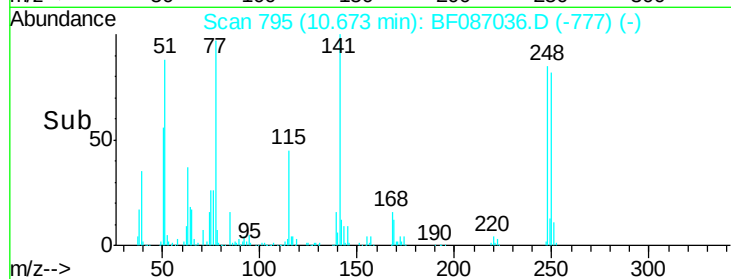
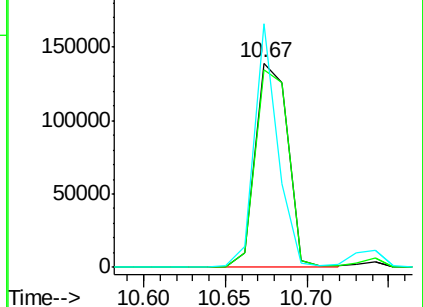
141 119.2 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 36.57 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

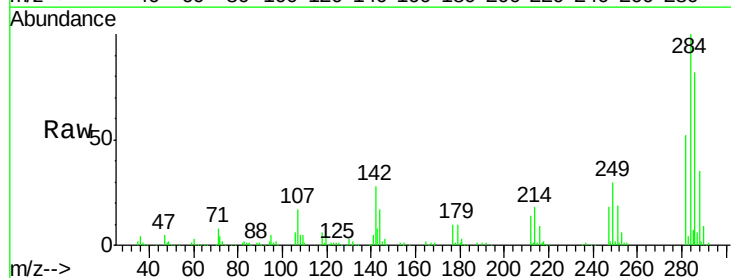
Tgt Ion:284 Resp: 235464

Ion Ratio Lower Upper

284 100

142 28.5 16.7 25.1#

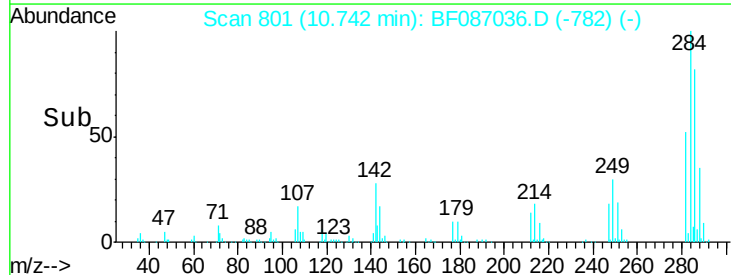
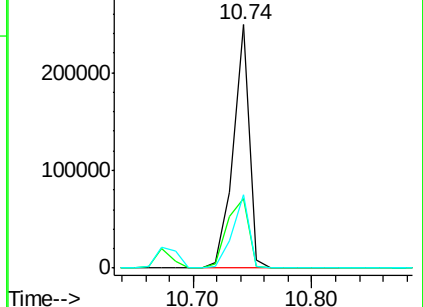
249 30.0 21.3 31.9

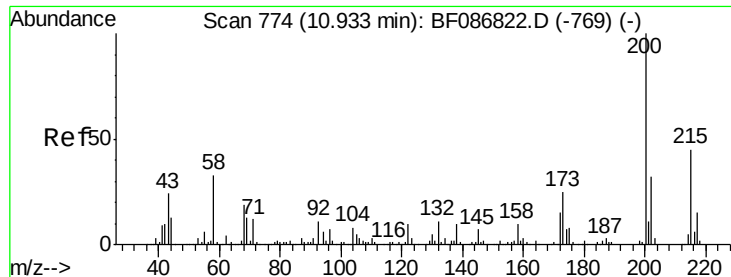


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

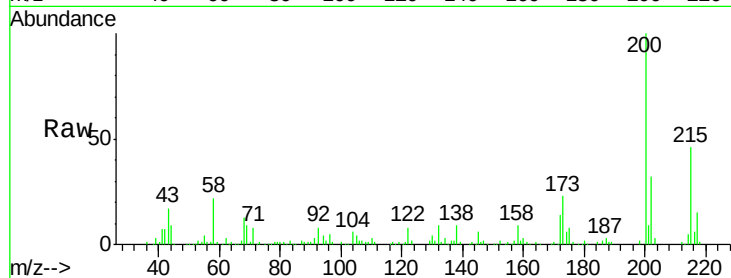




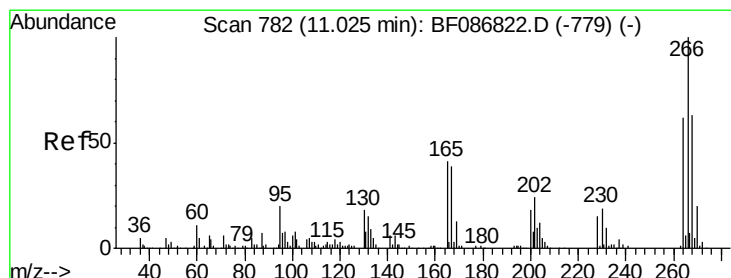
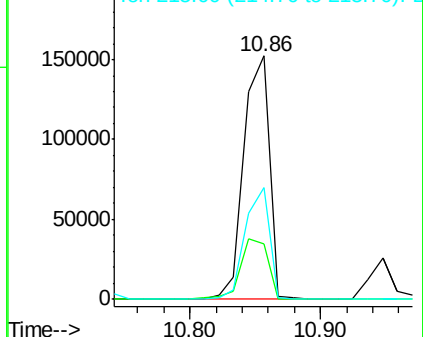
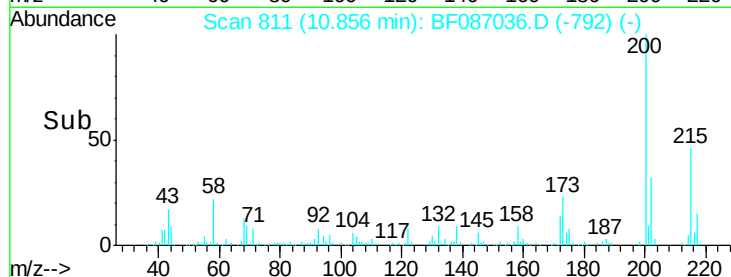
#68
Atrazine
Concen: 37.26 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.08 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion:200 Resp: 207821
Ion Ratio Lower Upper
200 100
173 23.0 8.5 48.5
215 45.7 27.2 67.2

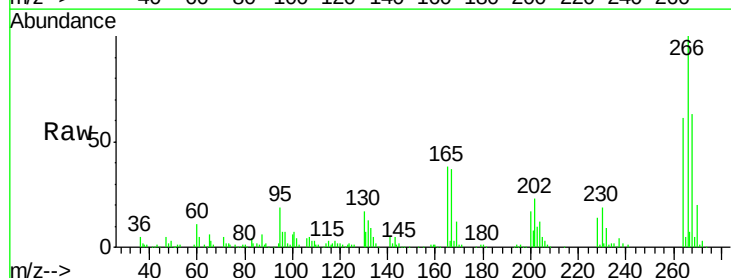


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

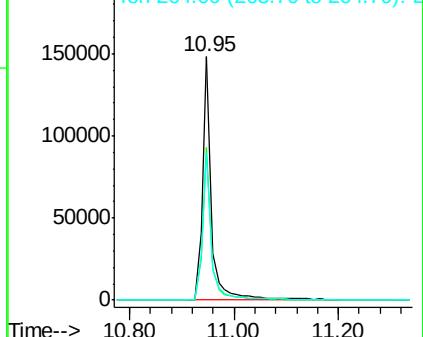
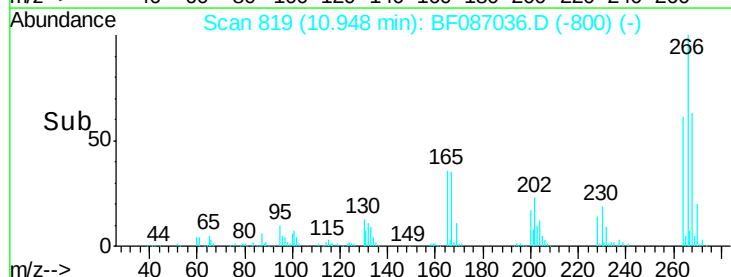


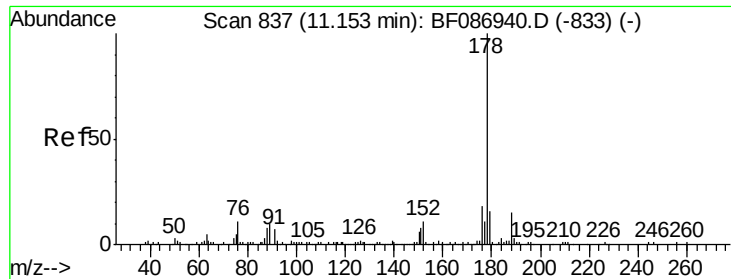
#69
Pentachlorophenol
Concen: 60.37 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.08 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion:266 Resp: 179656
Ion Ratio Lower Upper
266 100
268 62.9 51.5 77.3
264 60.8 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

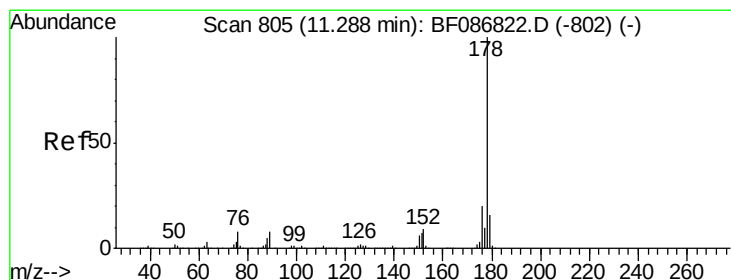
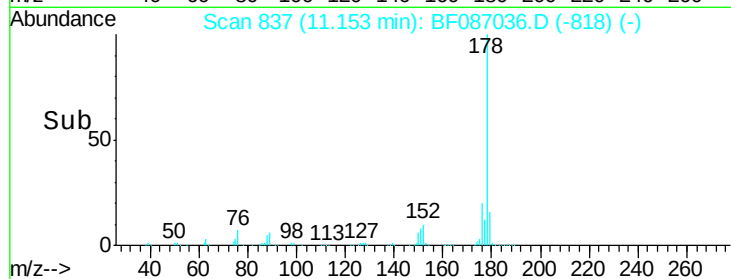
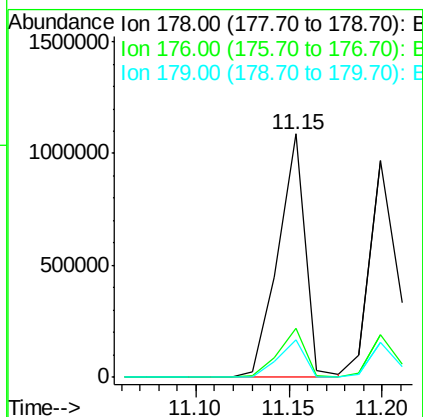
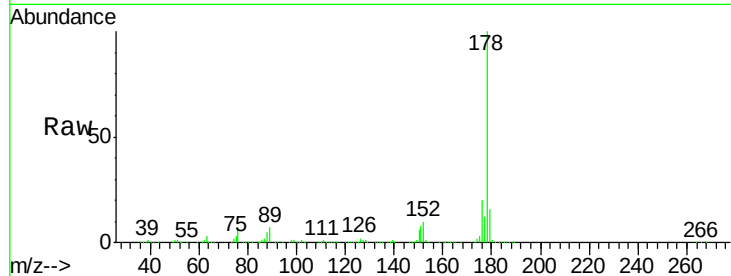




#70
Phenanthrene
Concen: 38.02 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

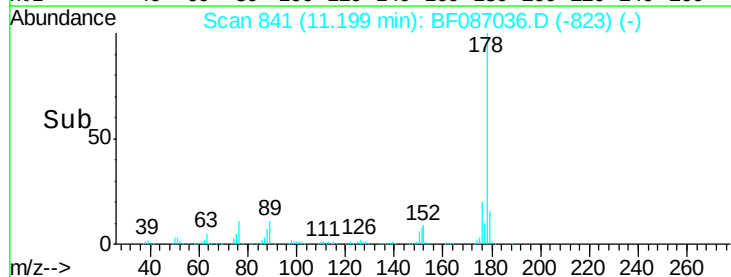
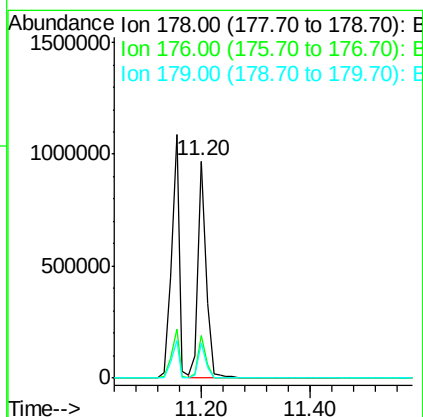
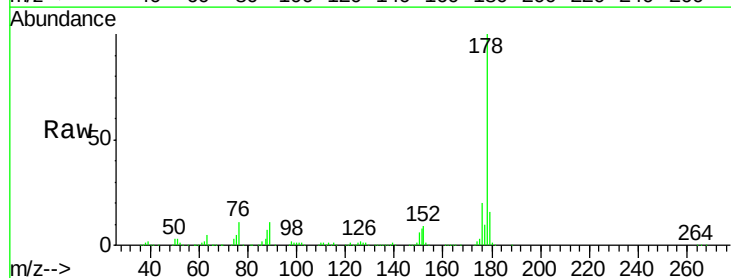
Instrument :
BNA_F
ClientSampleId :
PB90419BS

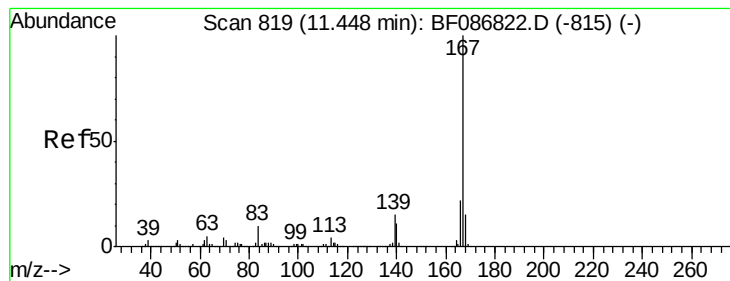
Tgt Ion:178 Resp: 1102535
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.6 12.6 18.8



#71
Anthracene
Concen: 33.95 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion:178 Resp: 1006818
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.3 12.7 19.1





#72

Carbazole

Concen: 37.97 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

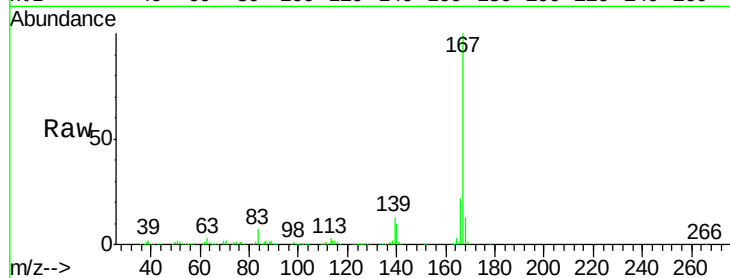
Tgt Ion:167 Resp: 968110

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

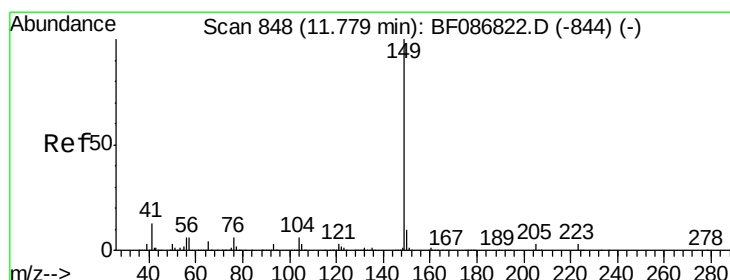
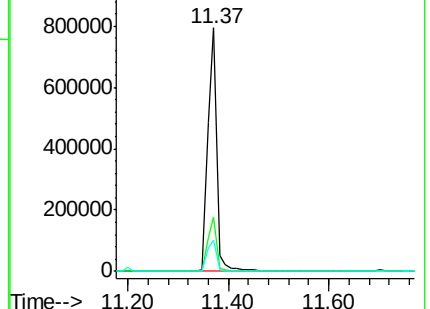
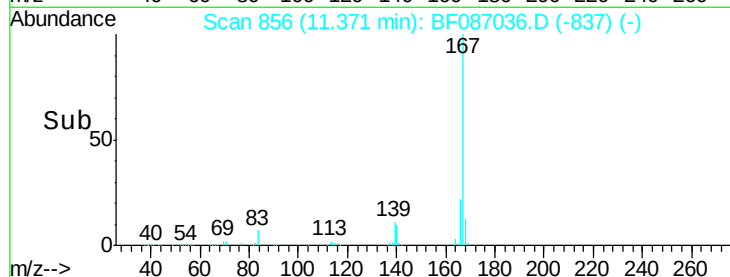
139 12.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.31 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

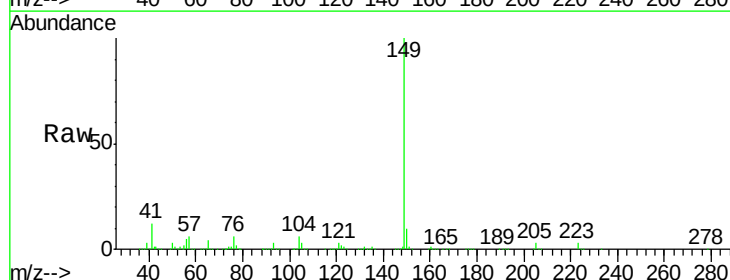
Tgt Ion:149 Resp: 1161610

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

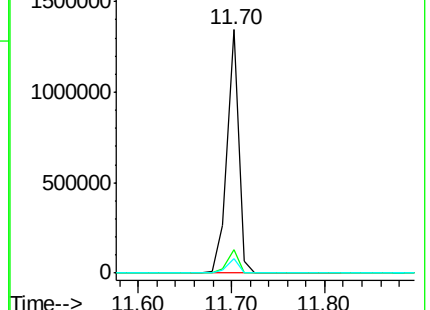
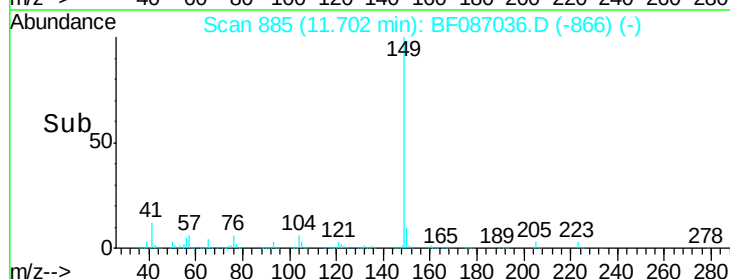
104 6.0 3.8 5.6#

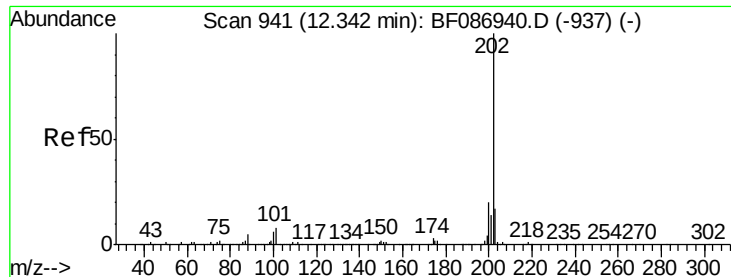


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

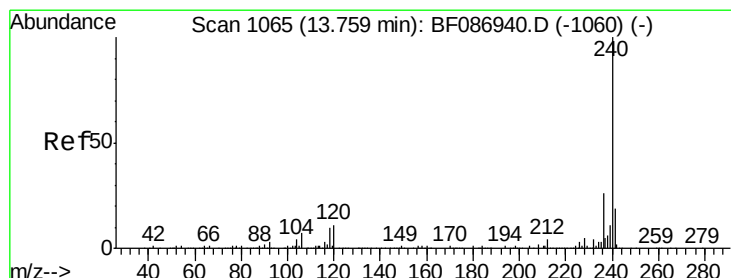
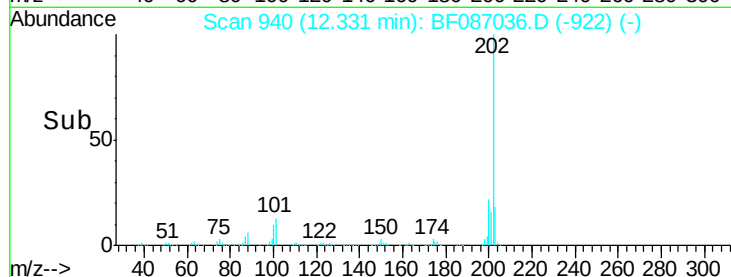
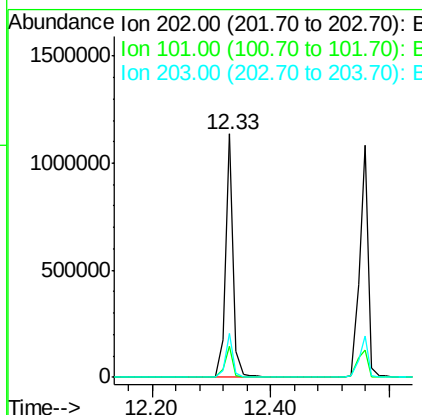
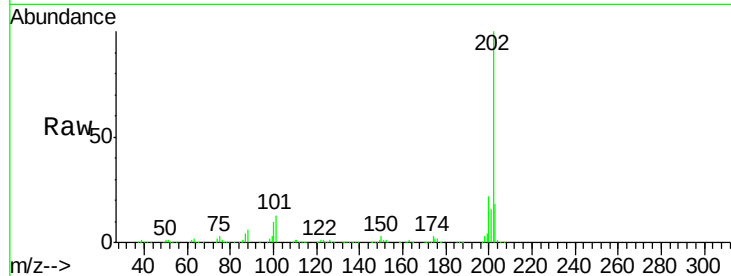




#74
 Fluoranthene
 Concen: 34.13 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.09 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

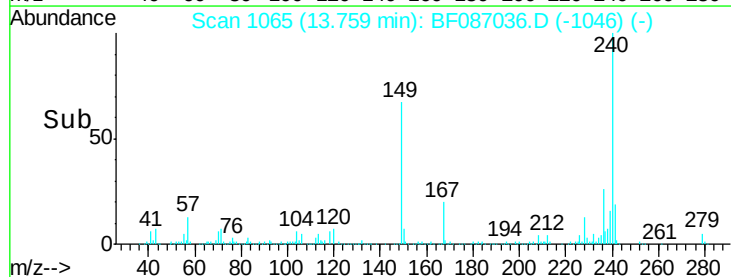
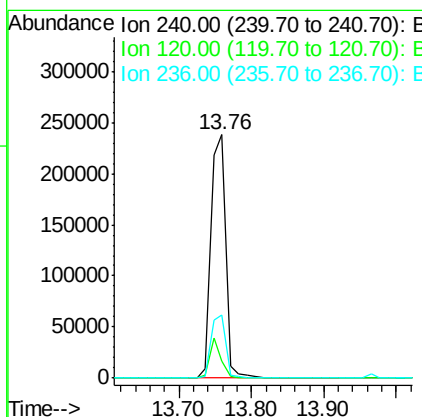
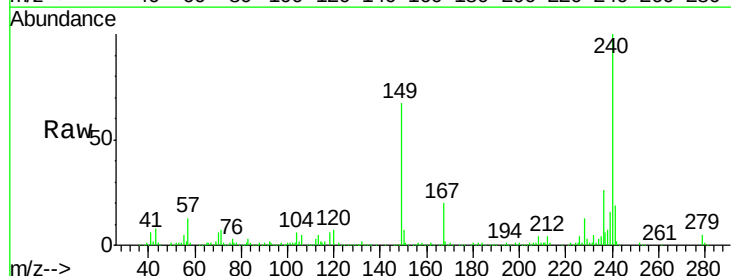
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

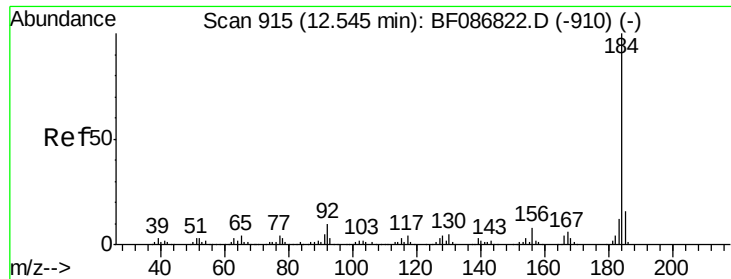
Tgt Ion:202 Resp: 1017961
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 35.4
 203 18.1 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.08 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion:240 Resp: 335859
 Ion Ratio Lower Upper
 240 100
 120 7.2 11.2 16.8#
 236 26.0 21.2 31.8





#76

Benzidine

Concen: 17.14 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

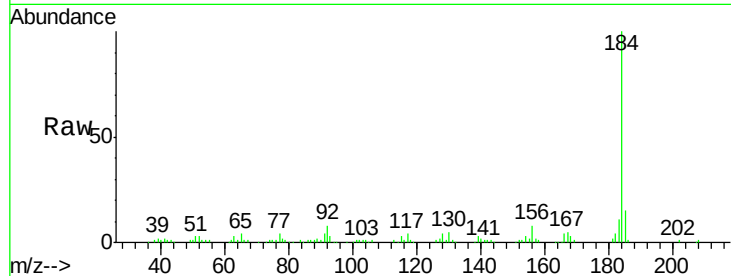
Tgt Ion:184 Resp: 146795

Ion Ratio Lower Upper

184 100

185 15.0 13.6 20.4

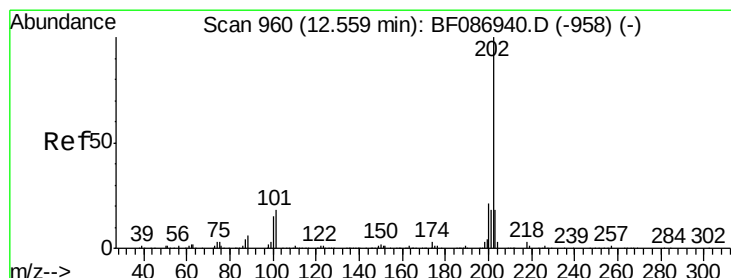
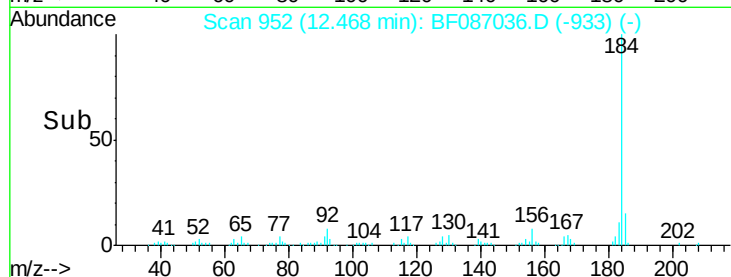
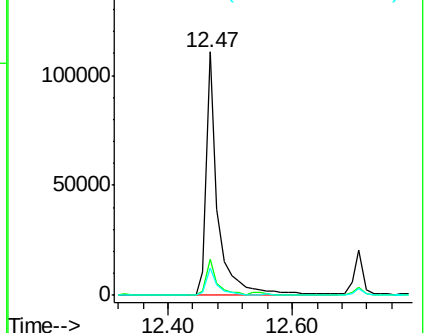
183 11.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.53 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

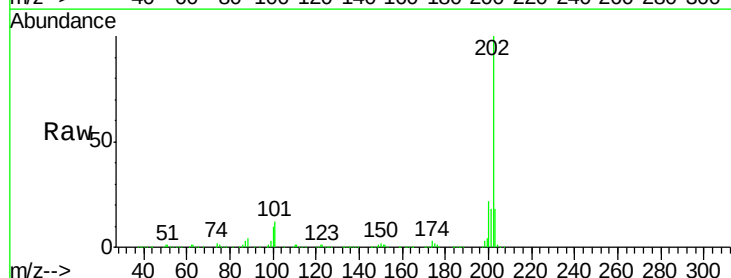
Tgt Ion:202 Resp: 1093542

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

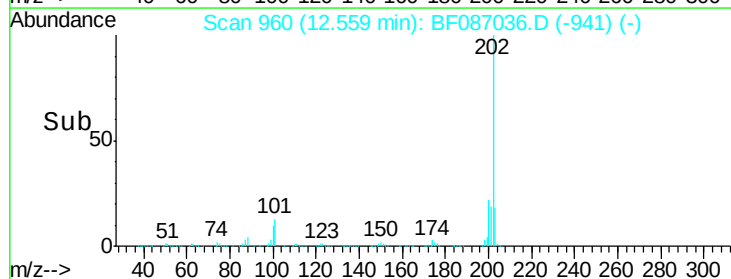
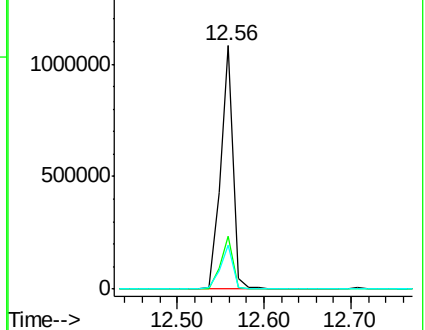
203 17.8 14.2 21.4

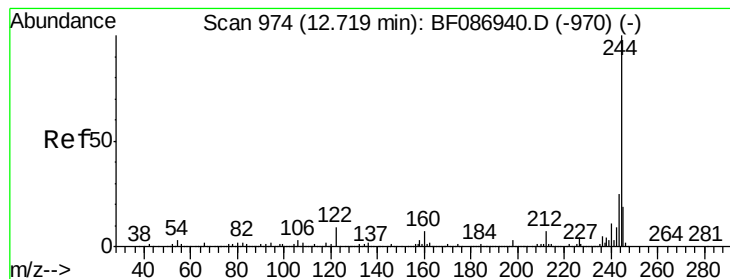


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.08 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

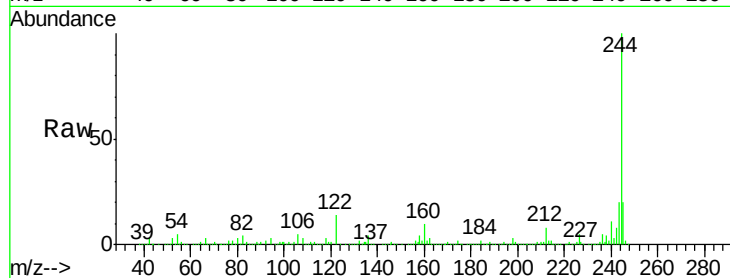
Tgt Ion:244 Resp: 1172734

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

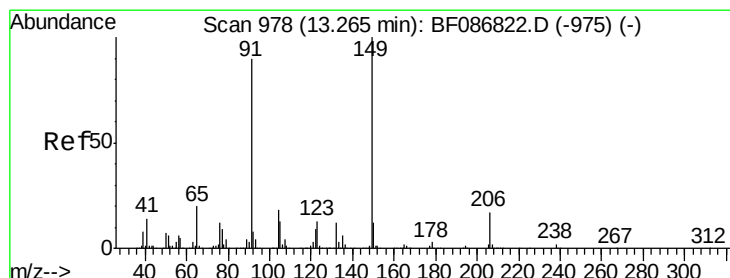
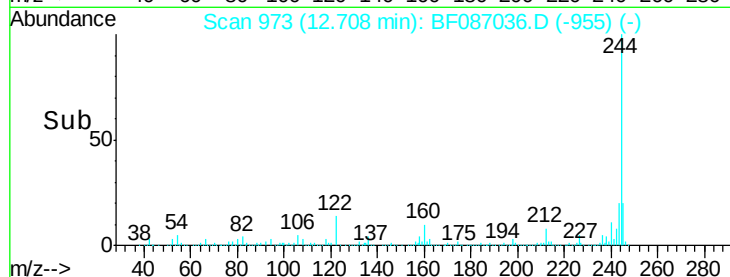
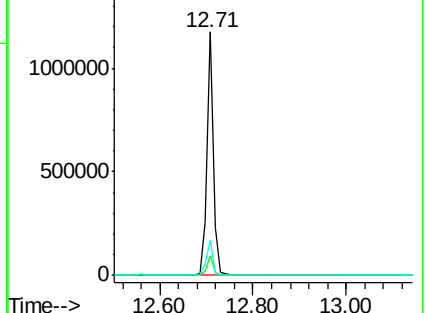
122 14.1 12.0 18.0



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: 43.13 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

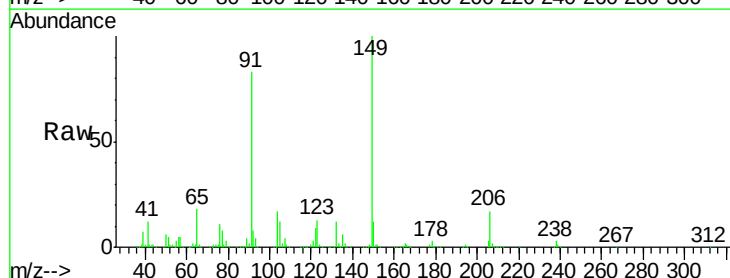
Tgt Ion:149 Resp: 469125

Ion Ratio Lower Upper

149 100

91 82.7 48.0 72.0#

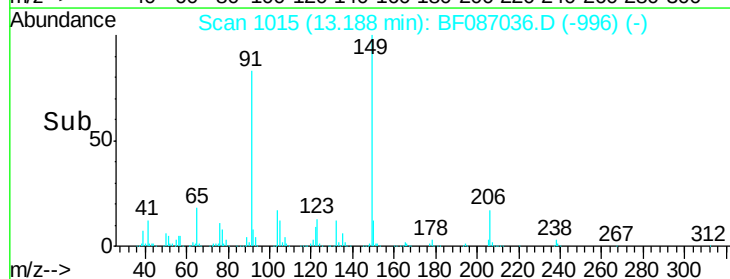
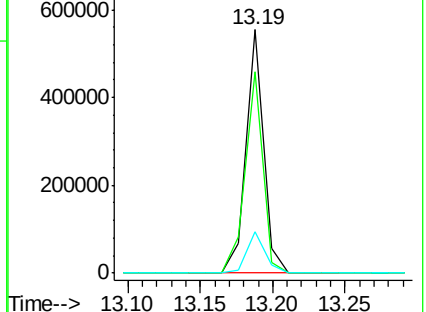
206 17.1 15.8 23.6

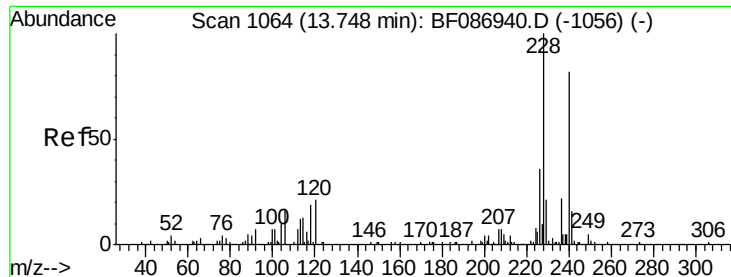


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.09 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

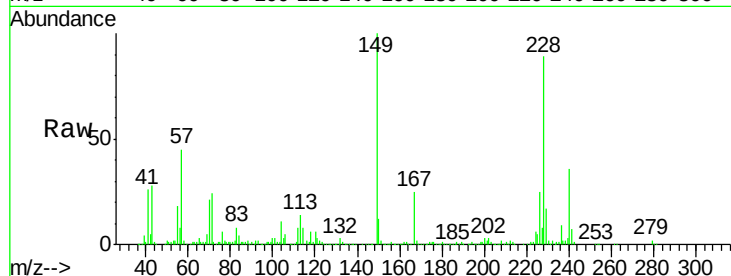
Tgt Ion:228 Resp: 755921

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

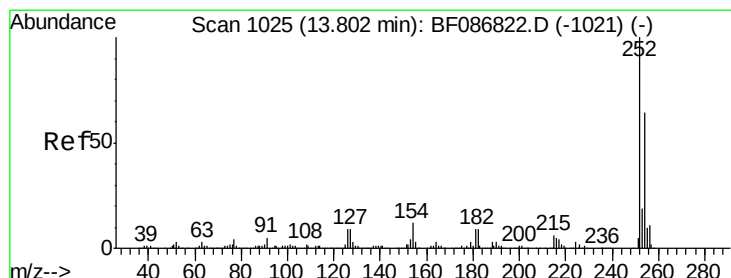
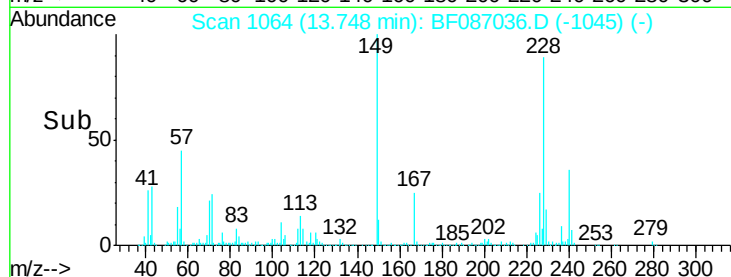
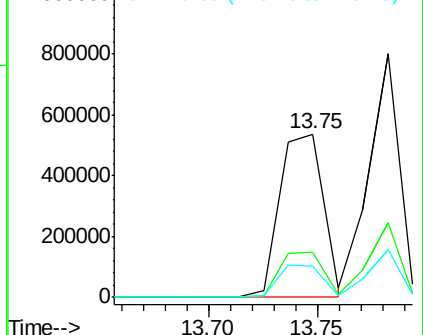
229 19.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 10.22 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

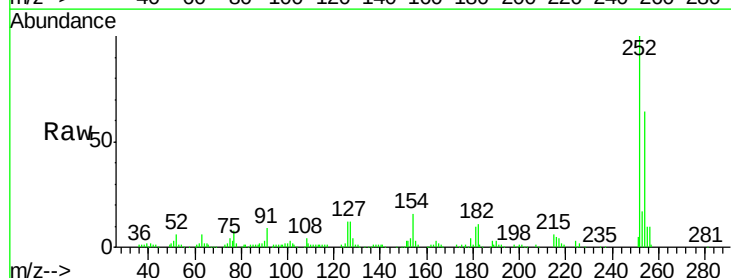
Tgt Ion:252 Resp: 122420

Ion Ratio Lower Upper

252 100

254 63.8 50.7 76.1

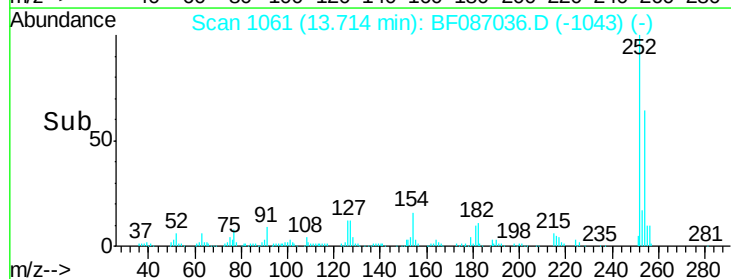
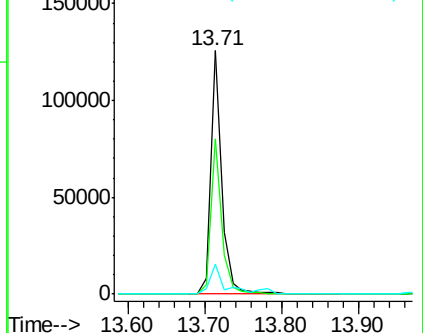
126 12.2 12.7 19.1#

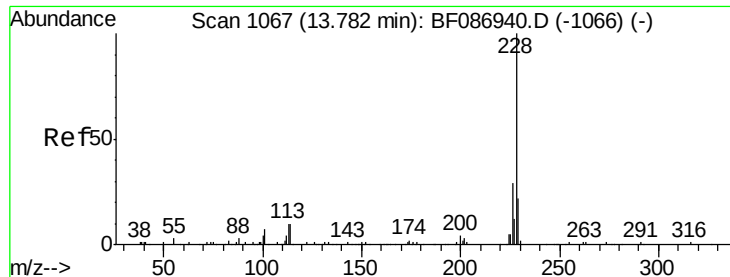


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.74 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

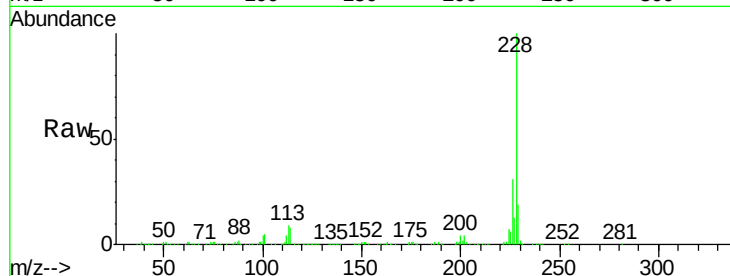
Tgt Ion:228 Resp: 800480

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

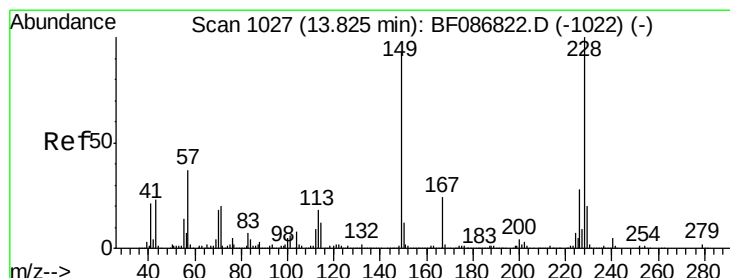
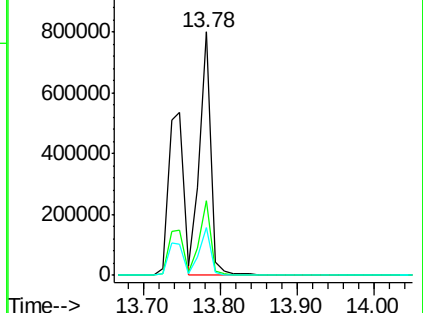
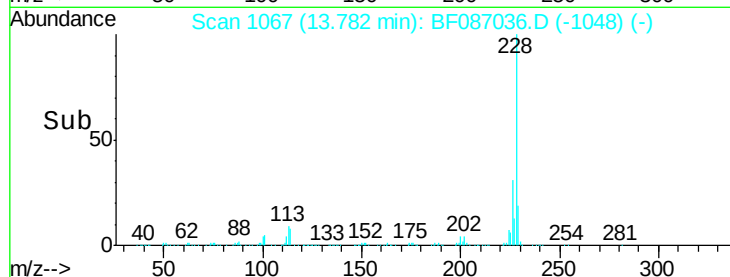
229 19.4 15.8 23.8



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: 43.27 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

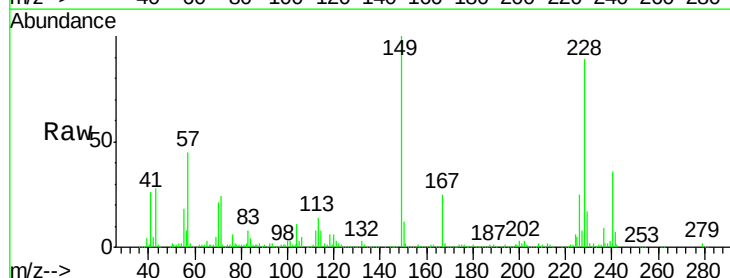
Tgt Ion:149 Resp: 566148

Ion Ratio Lower Upper

149 100

167 24.5 21.8 32.6

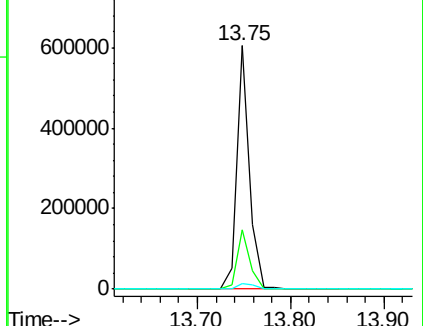
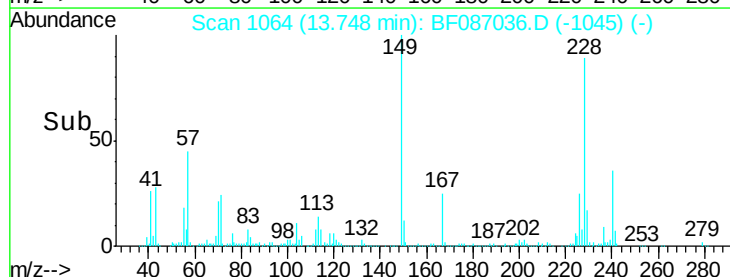
279 2.3 2.6 4.0#

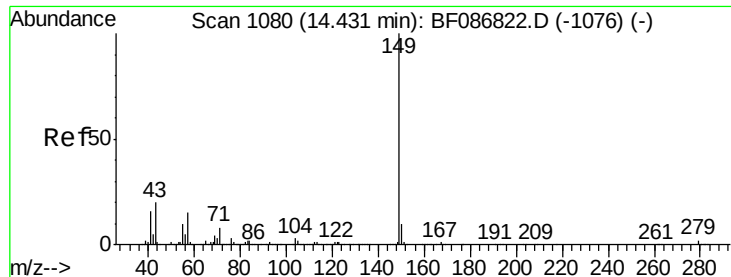


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.39 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.08 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

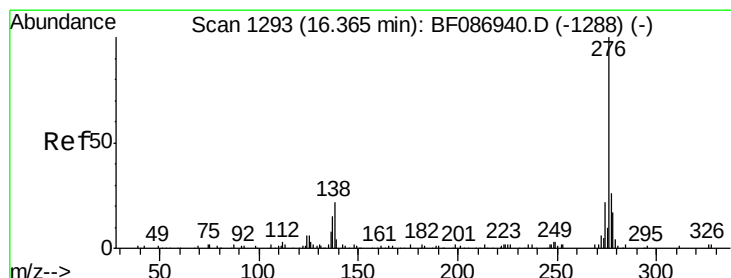
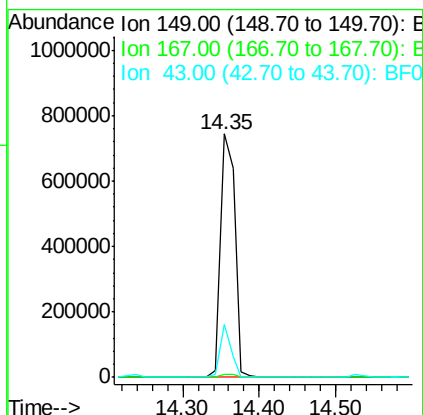
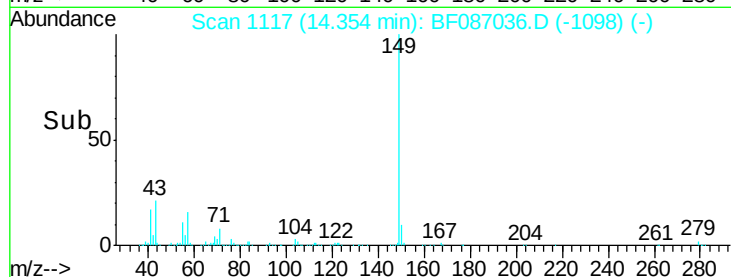
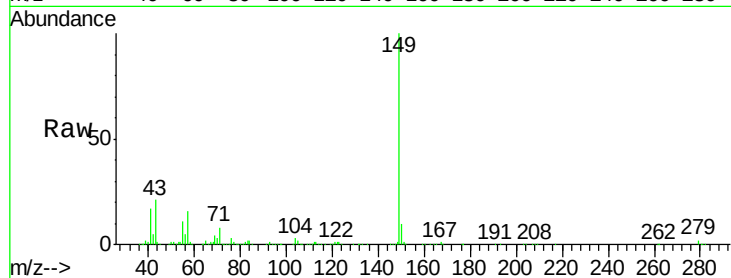
Tgt Ion:149 Resp: 983694

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 16.3 8.2 12.4#



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.25 ng

RT: 16.35 min Scan# 1292

Delta R.T. -0.15 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

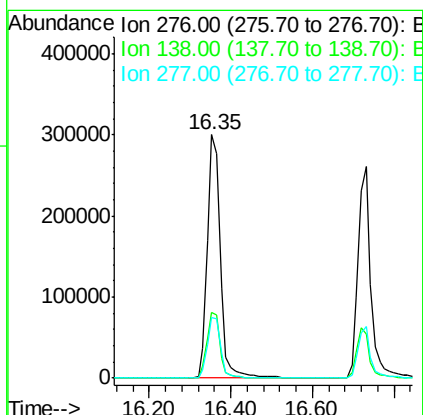
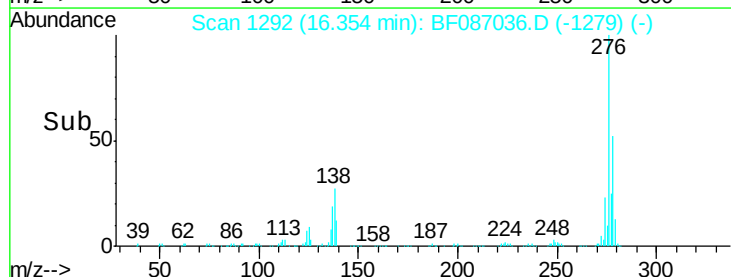
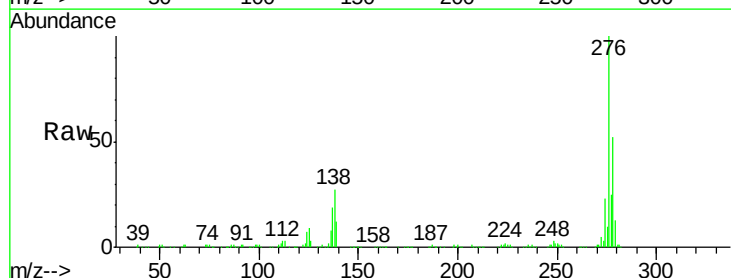
Tgt Ion:276 Resp: 674276

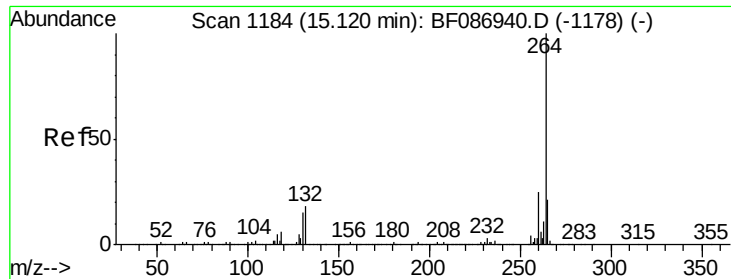
Ion Ratio Lower Upper

276 100

138 27.5 25.6 38.4

277 25.2 20.5 30.7

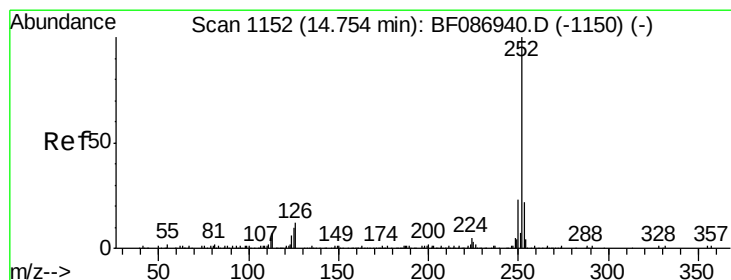
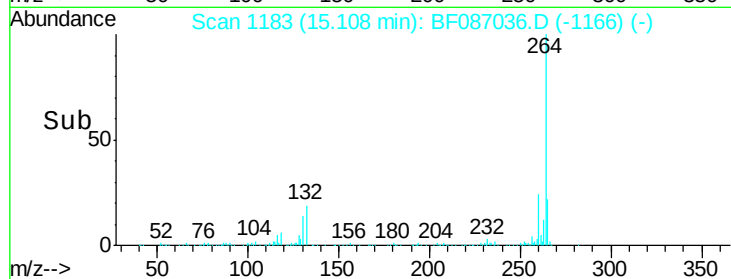
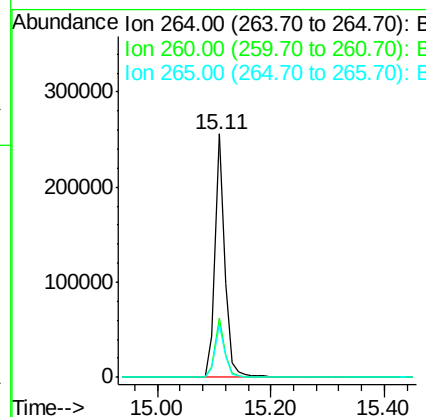
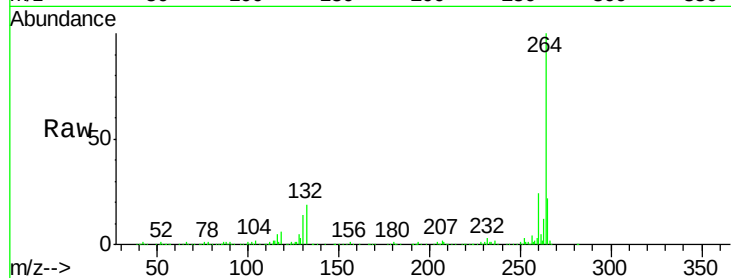




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

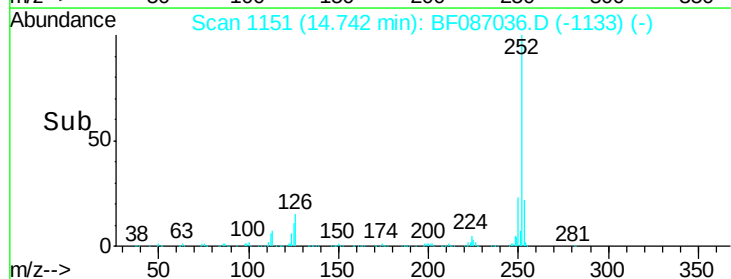
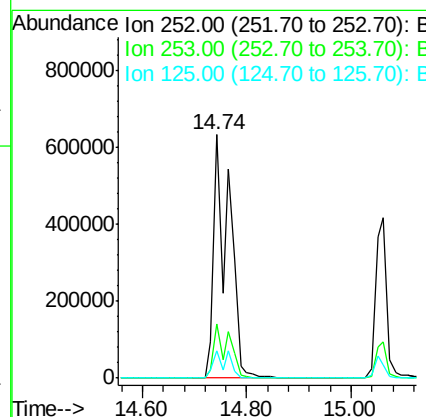
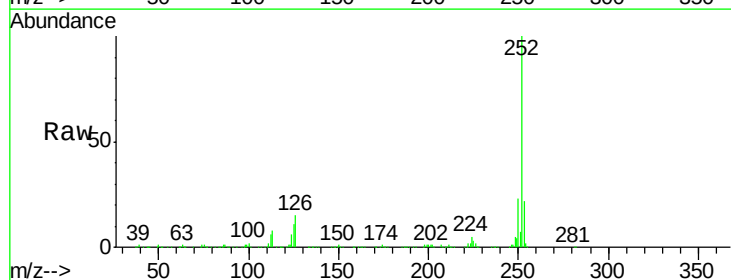
Instrument :
BNA_F
ClientSampleId :
PB90419BS

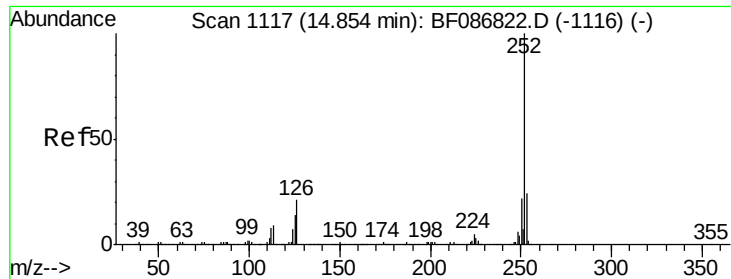
Tgt Ion: 264 Resp: 297467
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.7 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 66.69 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion: 252 Resp: 1289261
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.1 11.4 17.0#

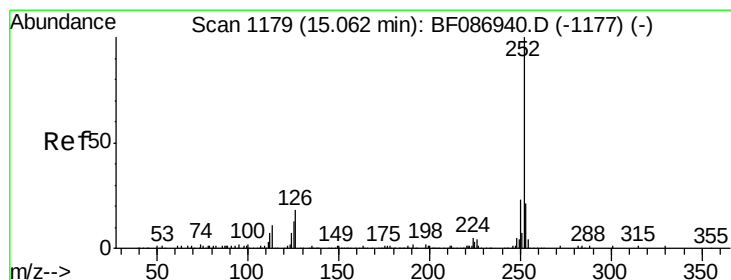
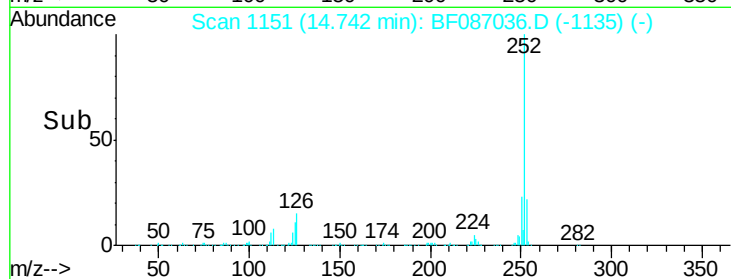
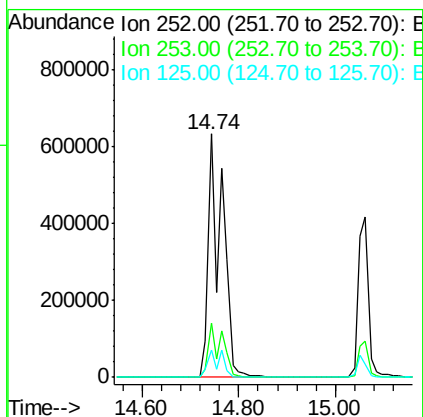
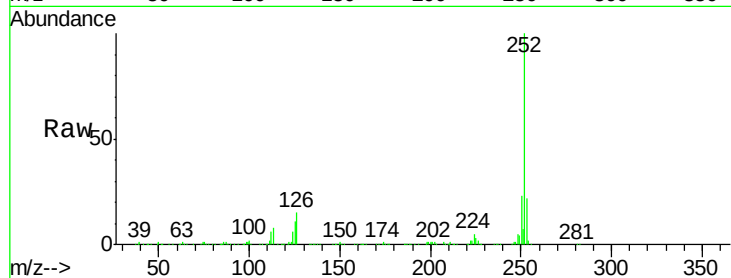




#88
Benzo(k)fluoranthene
Concen: 81.50 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

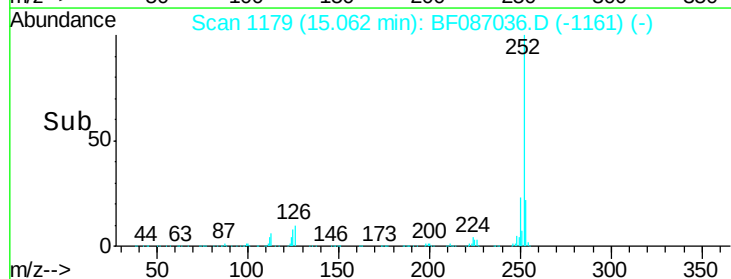
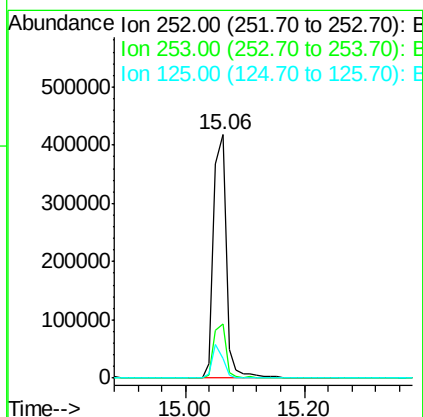
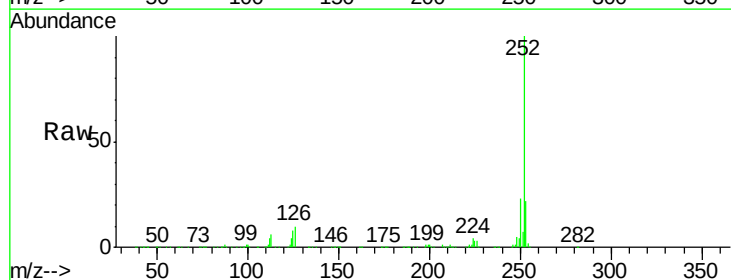
Instrument :
BNA_F
ClientSampleId :
PB90419BS

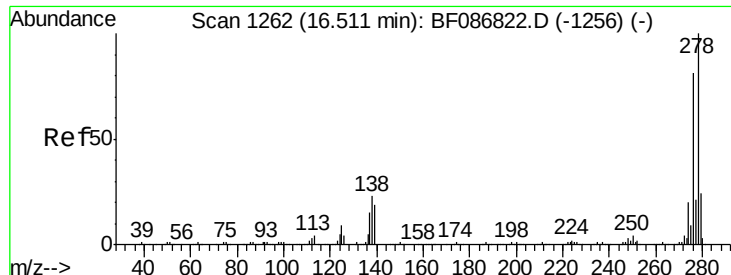
Tgt Ion:252 Resp: 1290063
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.1 9.1 13.7



#89
Benzo(a)pyrene
Concen: 37.04 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion:252 Resp: 617646
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 8.1 9.0 13.6#



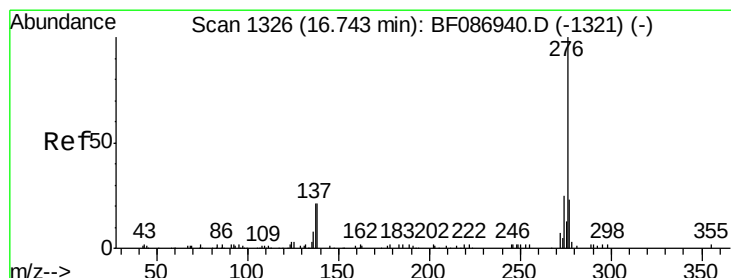
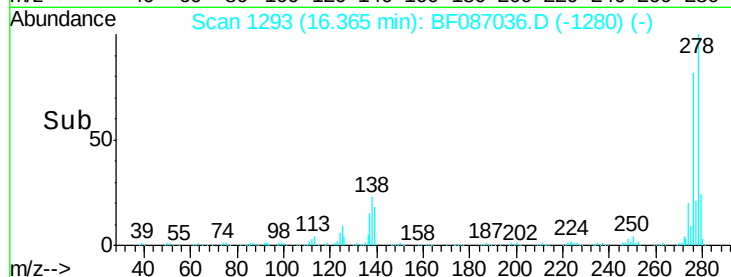
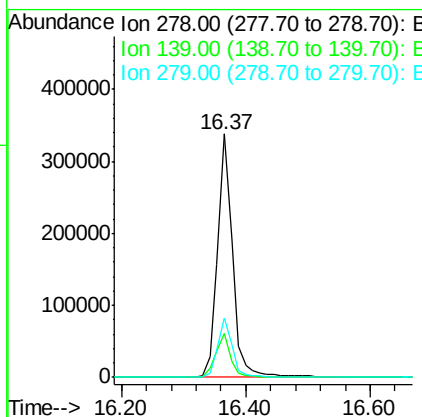
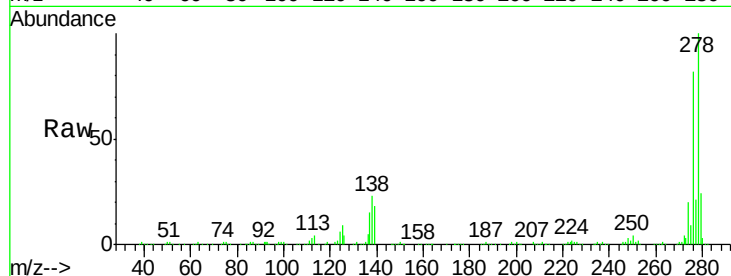


#90
Dibenzo(a,h)anthracene
Concen: 39.83 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.15 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion: 278 Resp: 559809

Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.6	24.8
279	24.2	19.6	29.4



#91
Benzo(g,h,i)perylene
Concen: 40.05 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.16 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion: 276 Resp: 571962

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	20.8	23.6	35.4#

