

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087425.D
 Acq On : 27 May 2016 00:43
 Operator : UM/SJ
 Sample : PB90866BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Quant Time: May 27 01:32:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	110438	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	459068	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	217710	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	427587	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	325276	20.00	ng	-0.01
86) Perylene-d12	20.13	264	226269	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	769615	122.45	ng	0.01
7) Phenol-d6	7.06	99	951677	112.06	ng	-0.01
23) Nitrobenzene-d5	8.42	82	657766	72.21	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	236825	113.20	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1141660	73.93	ng	-0.02
78) Terphenyl-d14	17.12	244	1079942	70.58	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.91	88	98195	29.61	ng	# 67
3) Pyridine	2.49	79	254892	35.16	ng	# 62
4) n-Nitrosodimethylamine	2.47	42	219016	39.21	ng	# 49
6) Aniline	7.02	93	250187	22.77	ng	92
8) 2-Chlorophenol	7.19	128	296205	37.79	ng	90
9) Benzaldehyde	6.86	77	28485	6.08	ng	95
10) Phenol	7.08	94	367171	39.59	ng	85
11) bis(2-Chloroethyl)ether	7.15	93	285644	38.06	ng	90
12) 1,3-Dichlorobenzene	7.40	146	310405	36.31	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	312698	35.63	ng	94
14) 1,2-Dichlorobenzene	7.76	146	297962	36.70	ng	96
15) Benzyl Alcohol	7.80	79	245745	39.69	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.01	45	561523	33.25	ng	97
17) 2-Methylphenol	8.02	107	239095	38.06	ng	# 89
18) Hexachloroethane	8.28	117	118859	36.30	ng	# 87
19) n-Nitroso-di-n-propylamine	8.23	70	239883	37.88	ng	# 73
20) 3+4-Methylphenols	8.28	107	306623	40.38	ng	# 60
22) Acetophenone	8.19	105	425187	38.77	ng	# 97
24) Nitrobenzene	8.44	77	342460	35.62	ng	95
25) Isophorone	8.84	82	584265	35.76	ng	99
26) 2-Nitrophenol	8.96	139	148861	37.87	ng	# 74
27) 2,4-Dimethylphenol	9.11	122	266867	39.11	ng	89
28) bis(2-Chloroethoxy)methane	9.23	93	351046	38.15	ng	98
29) 2,4-Dichlorophenol	9.38	162	239278	38.91	ng	99
30) 1,2,4-Trichlorobenzene	9.46	180	256261	36.41	ng	97
31) Naphthalene	9.56	128	840232	36.53	ng	99
32) Benzoic acid	9.43	122	125995	37.33	ng	# 77
33) 4-Chloroaniline	9.74	127	91564	10.81	ng	# 91
34) Hexachlorobutadiene	9.78	225	146486	34.24	ng	98
35) Caprolactam	10.33	113	41131	22.92	ng	# 52
36) 4-Chloro-3-methylphenol	10.59	107	282471	40.63	ng	94
37) 2-Methylnaphthalene	10.70	142	544078	37.86	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	239421	34.36	ng	98
40) Hexachlorocyclopentadiene	10.95	237	176762	63.81	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087425.D
 Acq On : 27 May 2016 00:43
 Operator : UM/SJ
 Sample : PB90866BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Quant Time: May 27 01:32:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

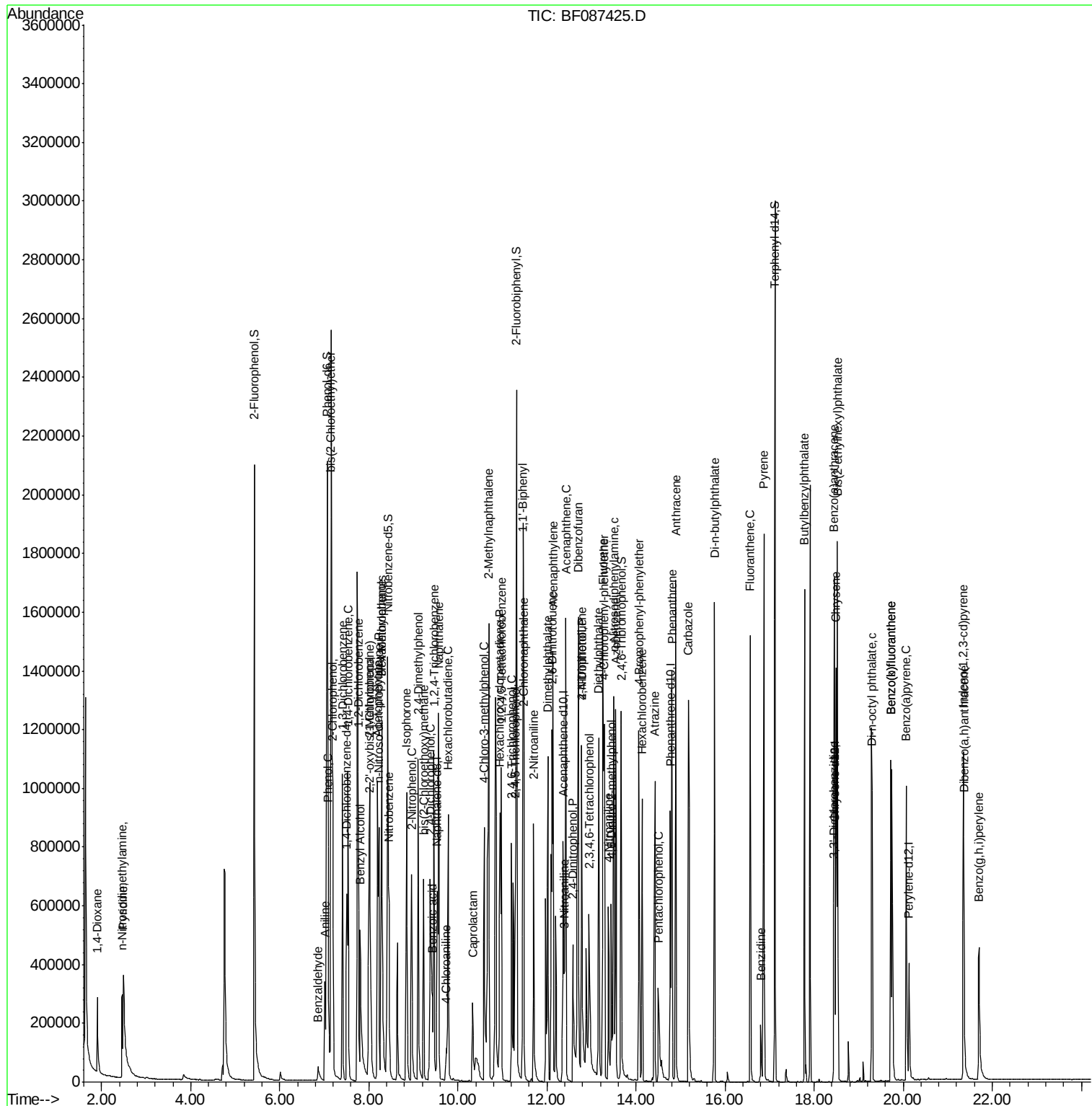
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	142312	35.38	ng	94
43) 2,4,5-Trichlorophenol	11.29	196	147208	35.94	ng #	90
45) 1,1'-Biphenyl	11.46	154	679870	37.09	ng	97
46) 2-Chloronaphthalene	11.48	162	508121	36.23	ng	96
47) 2-Nitroaniline	11.70	65	207476	41.06	ng #	78
48) Acenaphthylene	12.14	152	818959	36.89	ng	99
49) Dimethylphthalate	12.02	163	643269	36.88	ng	99
50) 2,6-Dinitrotoluene	12.11	165	134634	38.31	ng #	78
51) Acenaphthene	12.42	154	505472	37.04	ng	97
52) 3-Nitroaniline	12.39	138	64435	17.87	ng	90
53) 2,4-Dinitrophenol	12.58	184	122747	69.21	ng #	79
54) Dibenzofuran	12.71	168	753253	40.77	ng	96
55) 4-Nitrophenol	12.78	139	117695	68.41	ng #	43
56) 2,4-Dinitrotoluene	12.78	165	188287	40.09	ng #	89
57) Fluorene	13.26	166	606691	37.87	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	129148	40.98	ng	98
59) Diethylphthalate	13.17	149	630627	37.19	ng	100
60) 4-Chlorophenyl-phenylether	13.29	204	284695	36.44	ng	90
61) 4-Nitroaniline	13.38	138	126887	37.69	ng #	61
62) Azobenzene	13.54	77	739795	42.06	ng	85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96718	35.57	ng #	64
65) n-Nitrosodiphenylamine	13.51	169	523140	37.83	ng	100
66) 4-Bromophenyl-phenylether	14.07	248	162288	34.69	ng	94
67) Hexachlorobenzene	14.14	284	173580	35.48	ng #	65
68) Atrazine	14.42	200	154538	35.06	ng	95
69) Pentachlorophenol	14.50	266	86692	58.79	ng	98
70) Phenanthrene	14.81	178	890633	37.60	ng	99
71) Anthracene	14.89	178	914337	38.21	ng	99
72) Carbazole	15.18	167	798614	39.13	ng	99
73) Di-n-butylphthalate	15.76	149	972881	36.86	ng #	98
74) Fluoranthene	16.56	202	899322	37.87	ng	97
76) Benzidine	16.80	184	134192	16.03	ng	97
77) Pyrene	16.87	202	907821	38.77	ng	100
79) Butylbenzylphthalate	17.78	149	383401	36.92	ng #	75
80) Benzo(a)anthracene	18.45	228	710918	38.42	ng	99
81) 3,3'-Dichlorobenzidine	18.43	252	122592	11.99	ng	99
82) Chrysene	18.49	228	699085	38.07	ng	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	489029	32.28	ng	96
84) Di-n-octyl phthalate	19.30	149	735424	31.83	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.35	276	518436	35.22	ng	94
87) Benzo(b)fluoranthene	19.73	252	561883	38.98	ng #	93
88) Benzo(k)fluoranthene	19.73	252	561883	45.29	ng #	96
89) Benzo(a)pyrene	20.07	252	502622	40.32	ng	97
90) Dibenzo(a,h)anthracene	21.36	278	434047	40.82	ng #	93
91) Benzo(g,h,i)perylene	21.70	276	433101	41.29	ng #	90

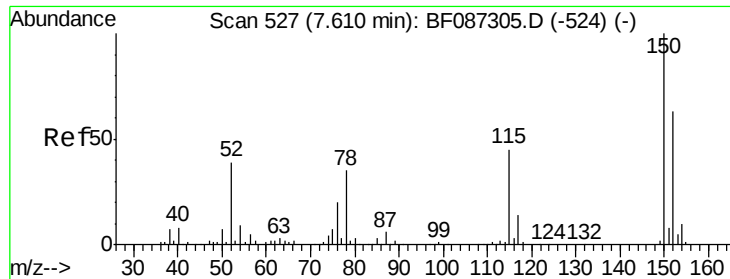
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
Data File : BF087425.D
Acq On : 27 May 2016 00:43
Operator : UM/SJ
Sample : PB90866BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
PB90866BS

Quant Time: May 27 01:32:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

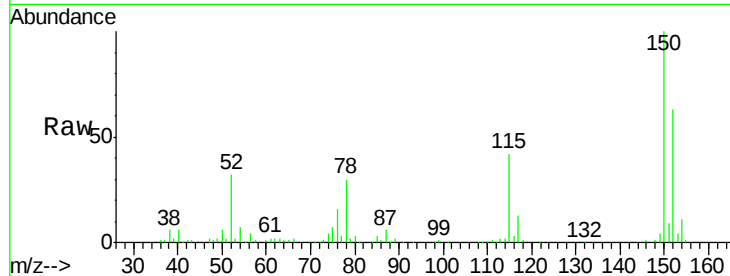
Tgt Ion:152 Resp: 110438

Ion Ratio Lower Upper

152 100

150 159.1 125.8 188.6

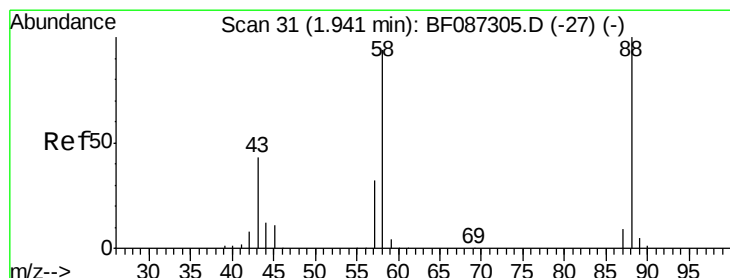
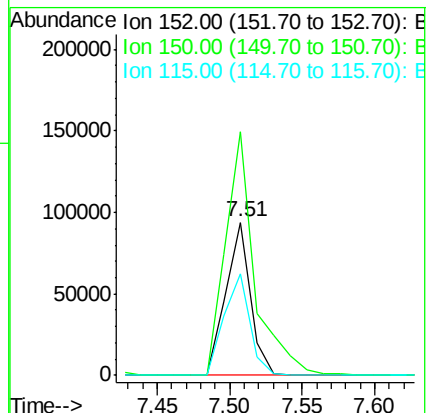
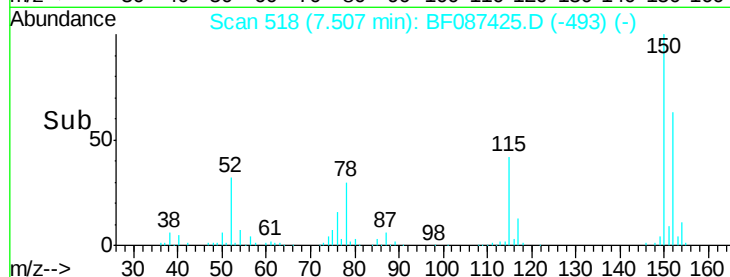
115 66.1 51.5 77.3



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: 29.61 ng

RT: 1.91 min Scan# 28

Delta R.T. 0.09 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

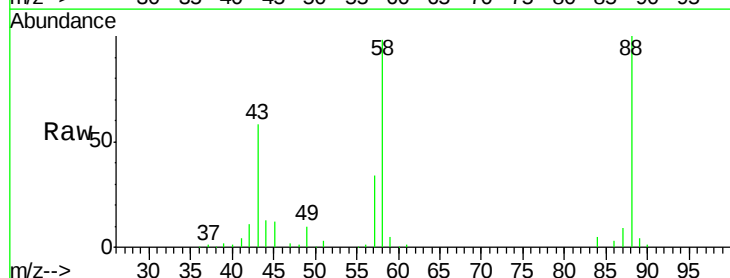
Tgt Ion: 88 Resp: 98195

Ion Ratio Lower Upper

88 100

58 94.4 59.6 89.4#

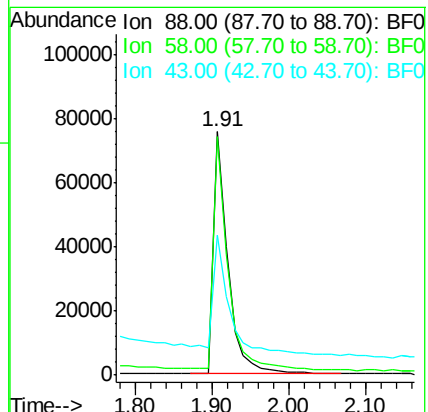
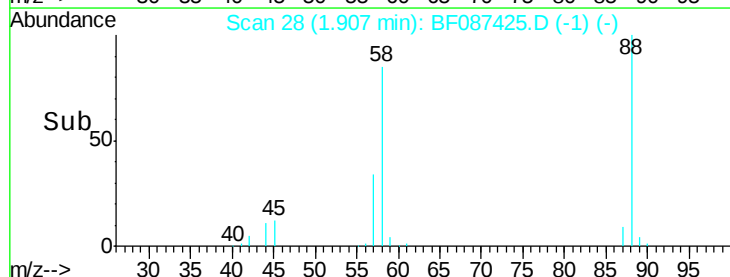
43 58.2 21.8 32.6#

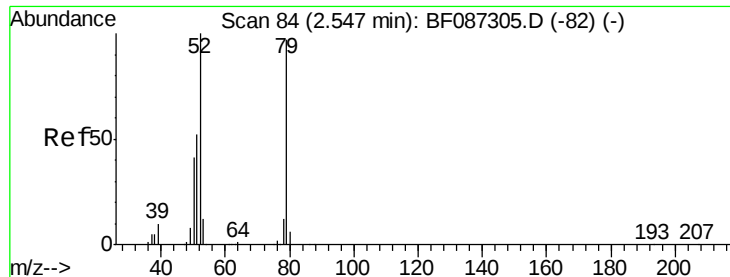


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.16 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampled :

PB90866BS

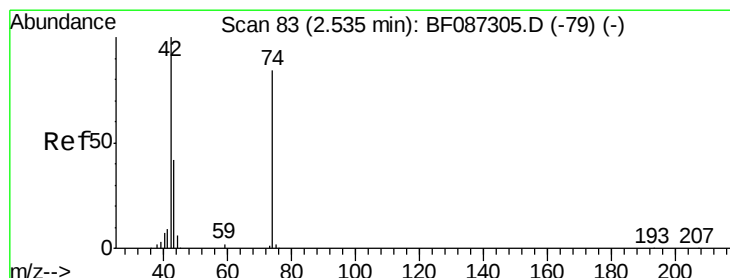
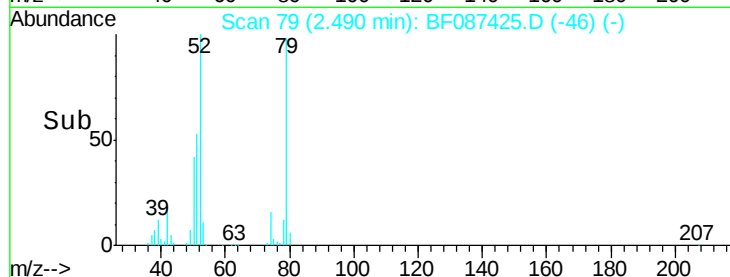
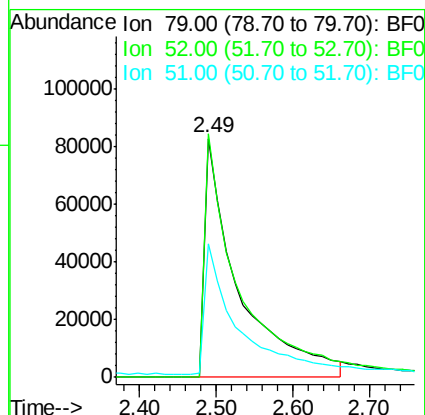
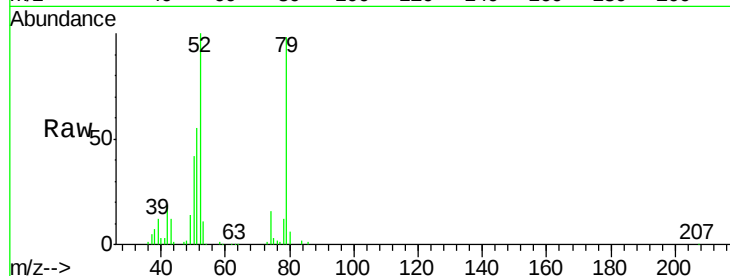
Tgt Ion: 79 Resp: 254892

Ion Ratio Lower Upper

79 100

52 101.8 55.9 83.9#

51 55.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.21 ng

RT: 2.47 min Scan# 77

Delta R.T. 0.08 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

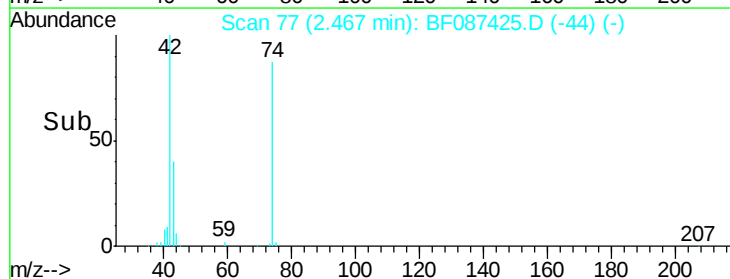
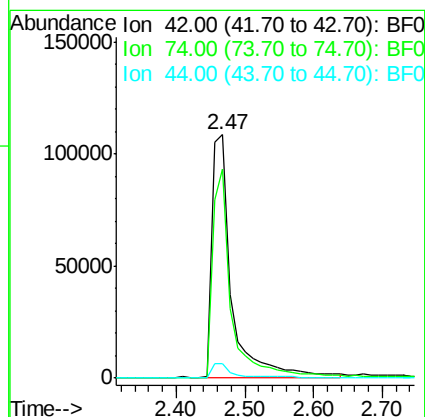
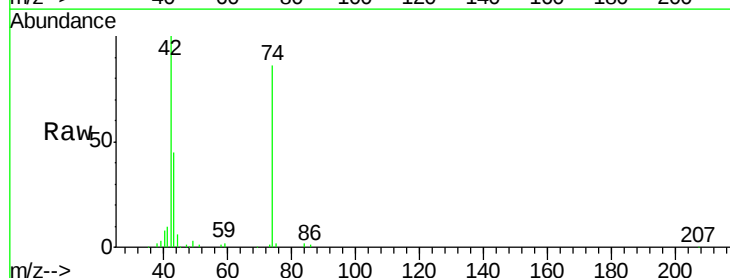
Tgt Ion: 42 Resp: 219016

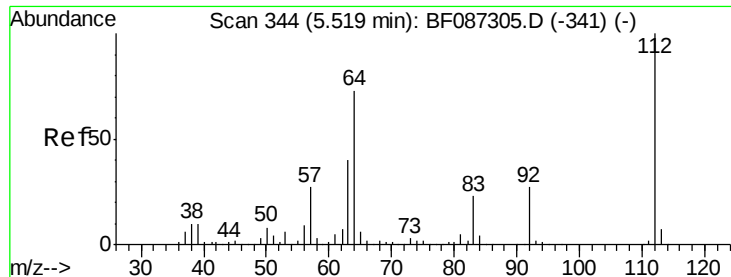
Ion Ratio Lower Upper

42 100

74 86.1 123.4 185.0#

44 6.1 5.8 8.6





#5

2-Fluorophenol

Concen: 122.45 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

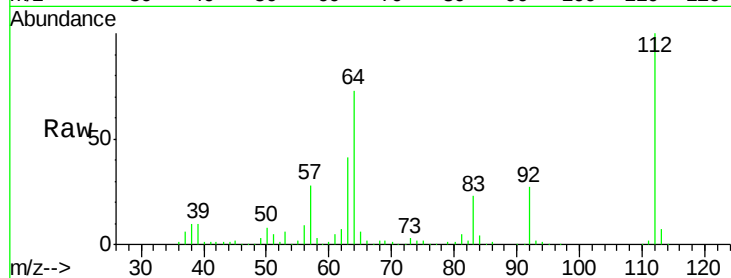
Tgt Ion: 112 Resp: 769615

Ion Ratio Lower Upper

112 100

64 72.8 52.1 78.1

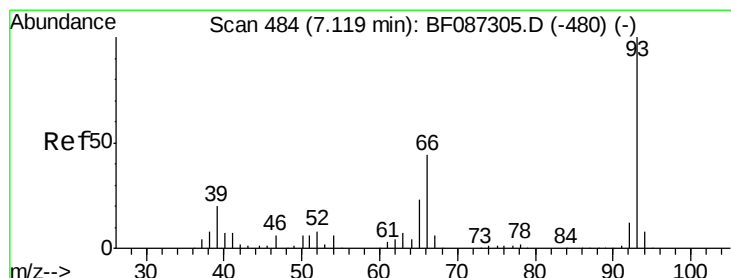
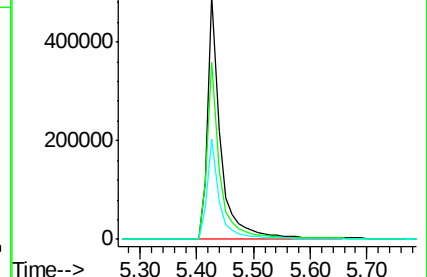
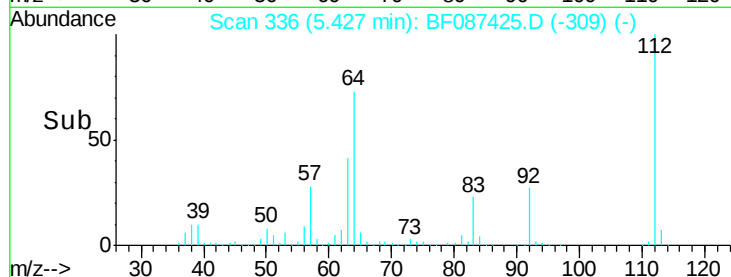
63 41.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.77 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

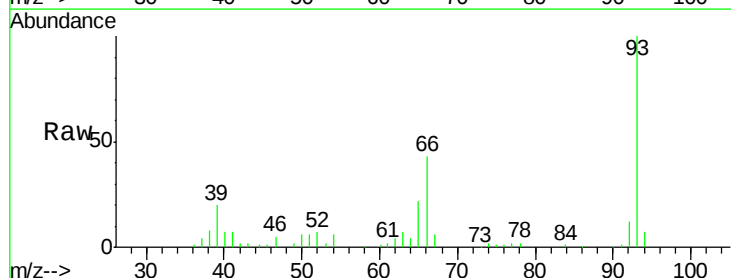
Tgt Ion: 93 Resp: 250187

Ion Ratio Lower Upper

93 100

66 43.0 39.0 58.6

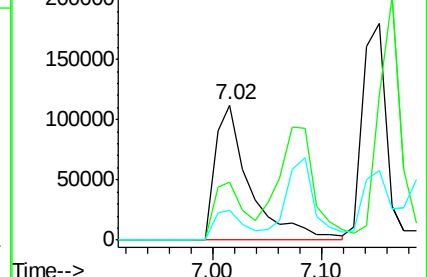
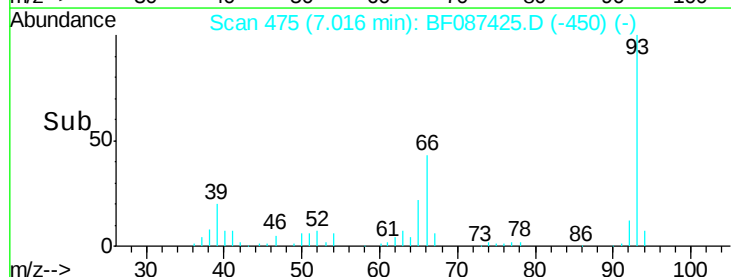
65 22.3 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.06 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

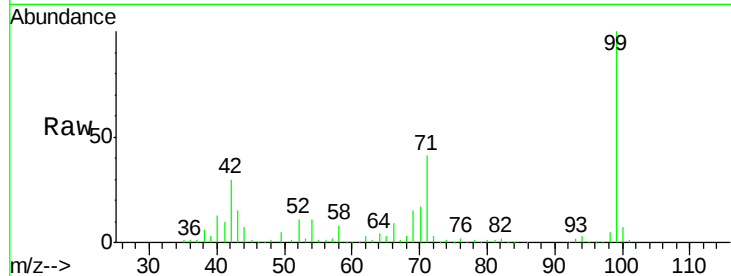
Tgt Ion: 99 Resp: 951677

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

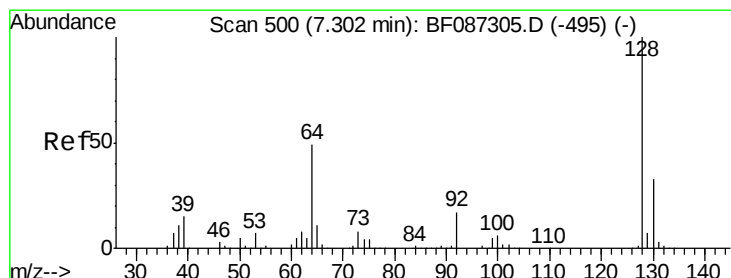
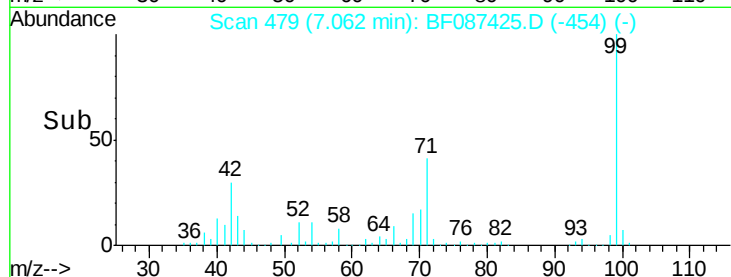
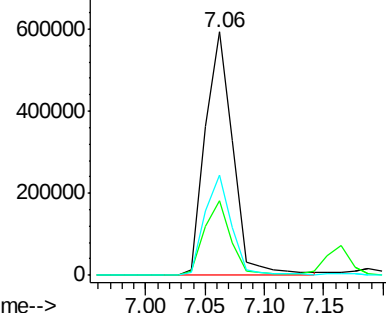
71 41.1 24.6 36.8#



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: 37.79 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

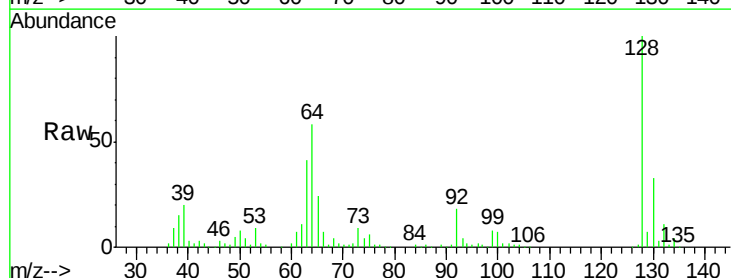
Tgt Ion: 128 Resp: 296205

Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

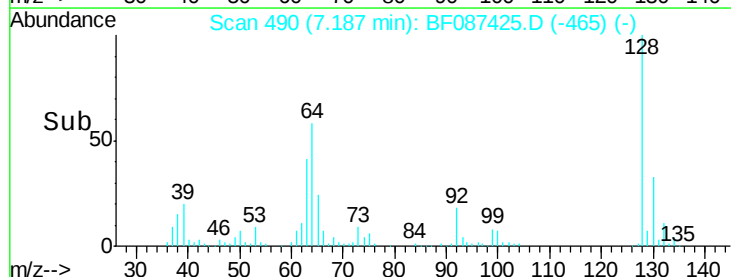
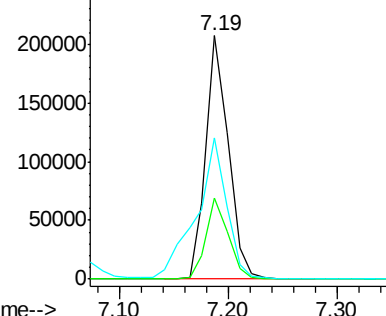
64 57.7 27.3 67.3

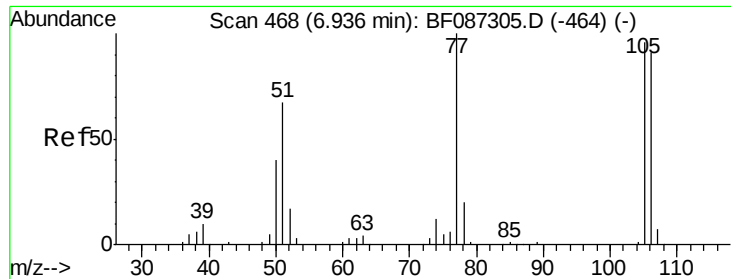


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

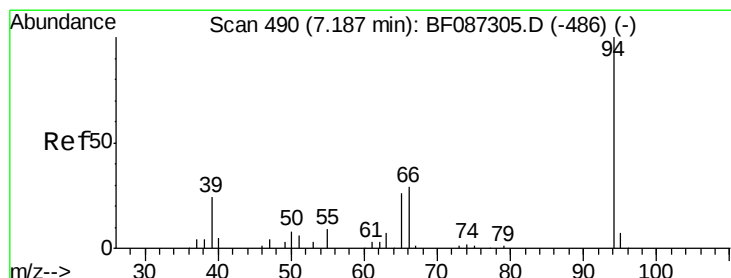
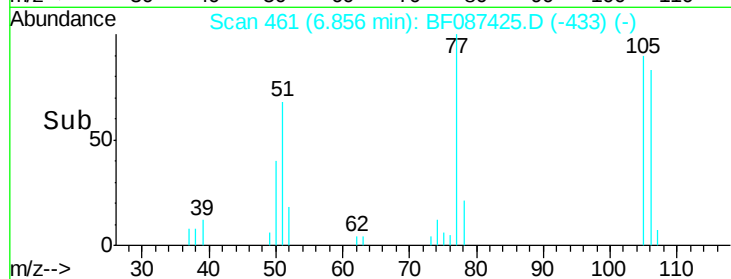
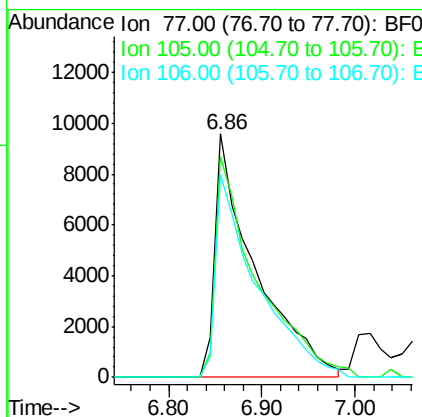
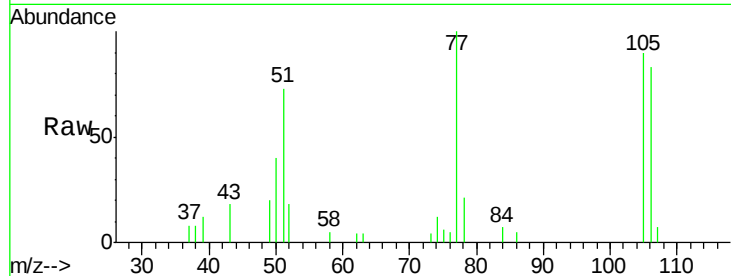




#9
Benzaldehyde
Concen: 6.08 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

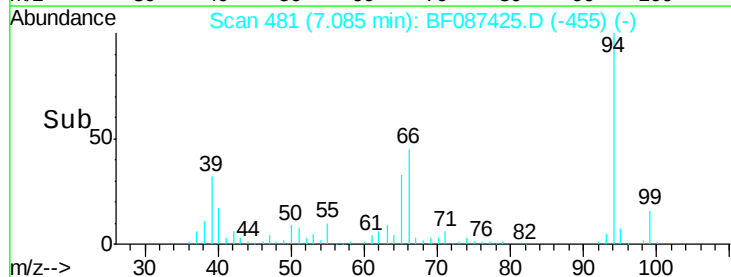
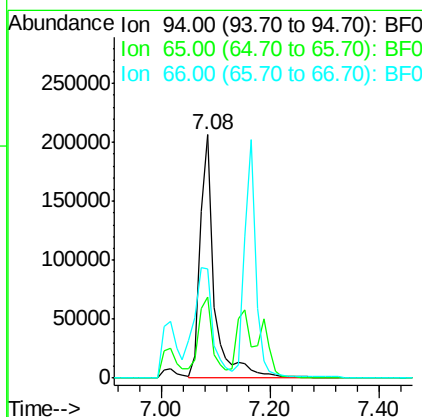
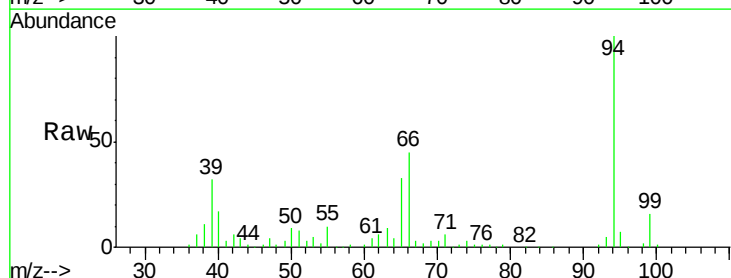
Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tgt Ion: 77 Resp: 28485
Ion Ratio Lower Upper
77 100
105 90.3 72.7 112.7
106 83.3 70.8 110.8



#10
Phenol
Concen: 39.59 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion: 94 Resp: 367171
Ion Ratio Lower Upper
94 100
65 33.3 7.2 47.2
66 45.1 14.9 54.9

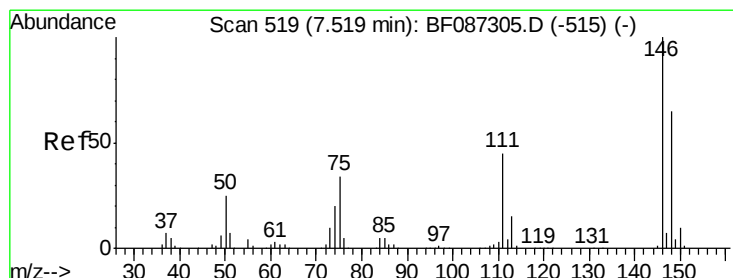
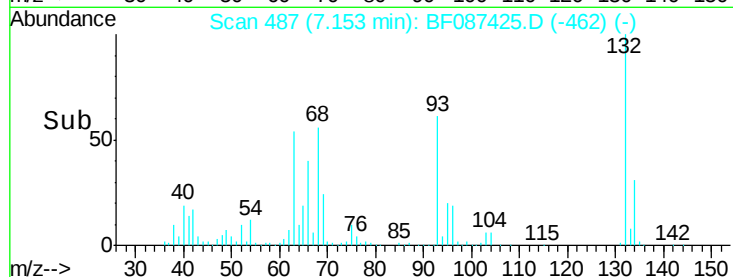
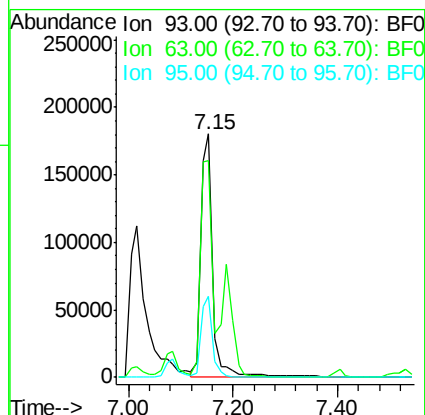
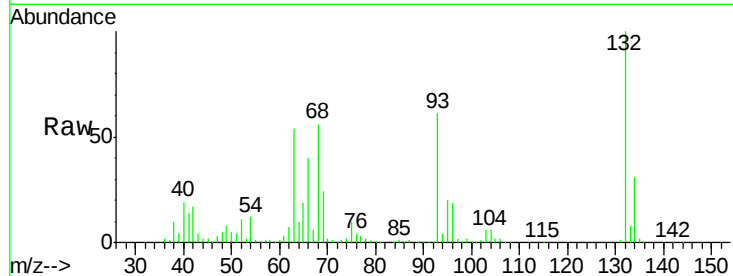




#11
bis(2-Chloroethyl)ether
Concen: 38.06 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

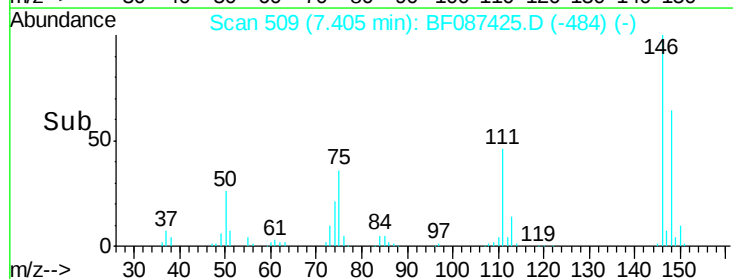
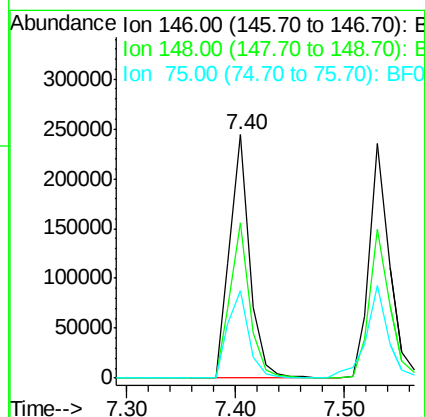
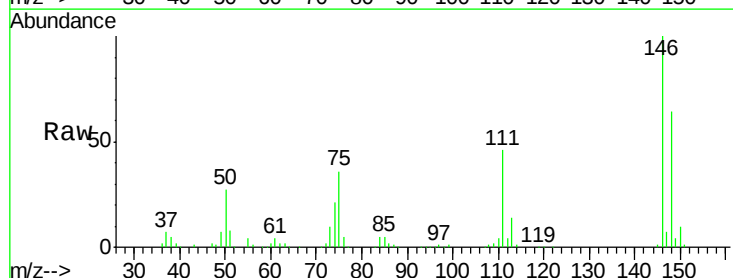
Instrument :
BNA_F
ClientSampleId :
PB90866BS

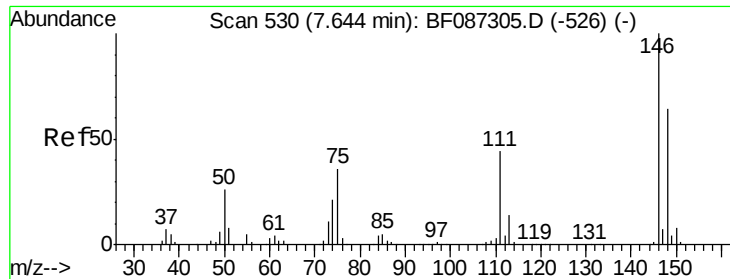
Tgt Ion: 93 Resp: 285644
Ion Ratio Lower Upper
93 100
63 89.1 58.0 98.0
95 33.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.31 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion: 146 Resp: 310405
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
75 35.7 22.8 34.2#

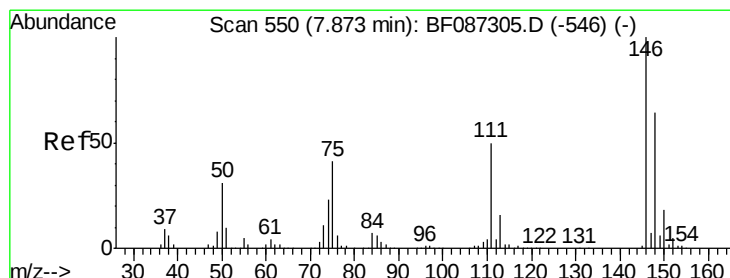
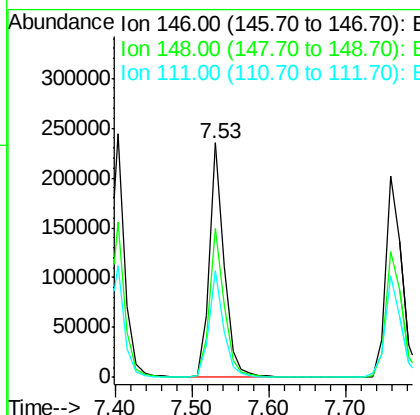
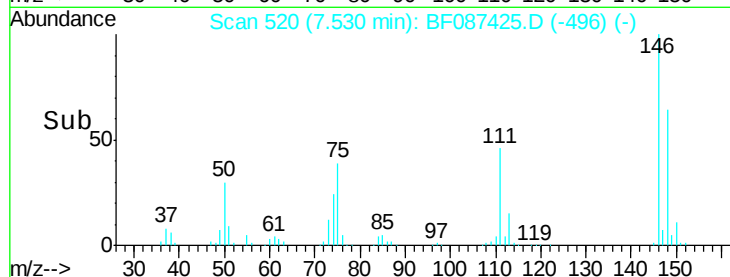
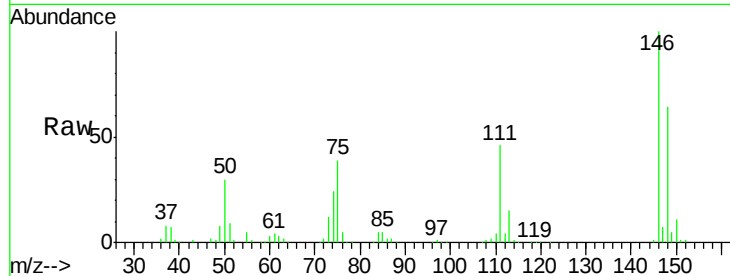




#13
 1,4-Dichlorobenzene
 Concen: 35.63 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

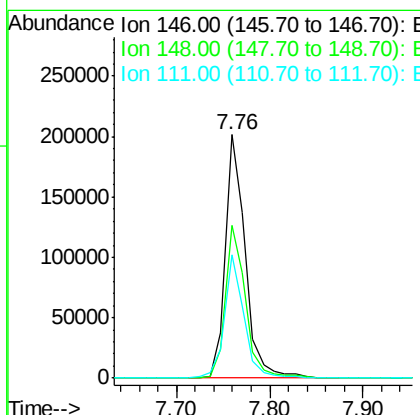
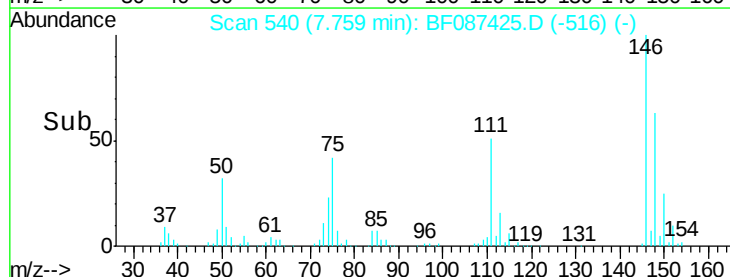
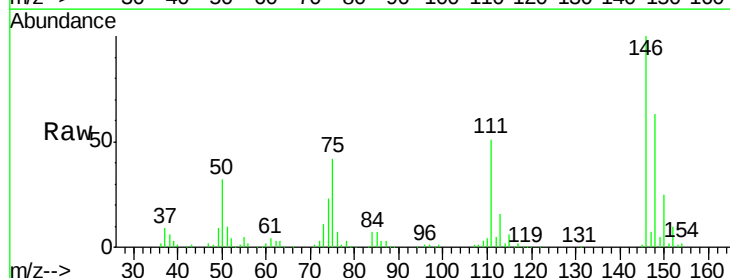
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

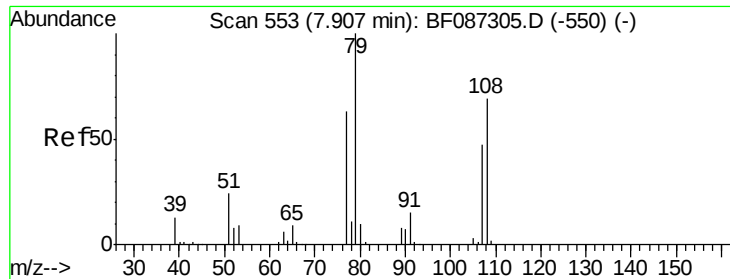
Tgt Ion:146 Resp: 312698
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 45.7 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.70 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:146 Resp: 297962
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 111 50.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.69 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

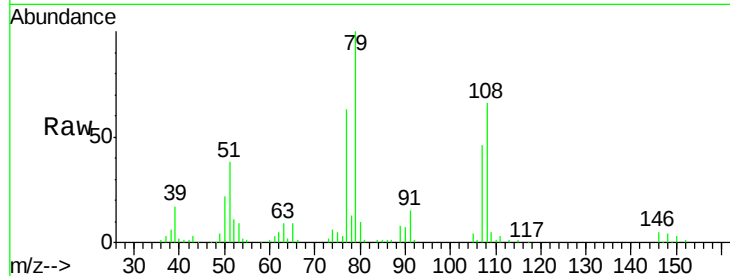
Tgt Ion: 79 Resp: 245745

Ion Ratio Lower Upper

79 100

108 66.2 68.4 102.6#

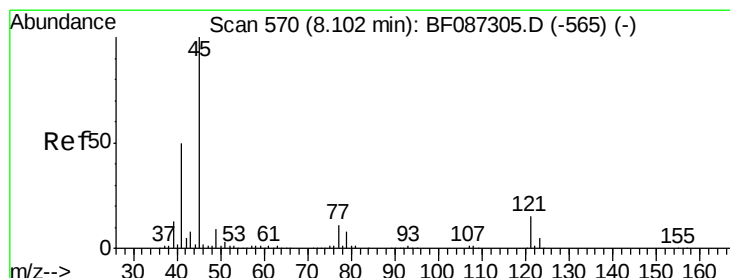
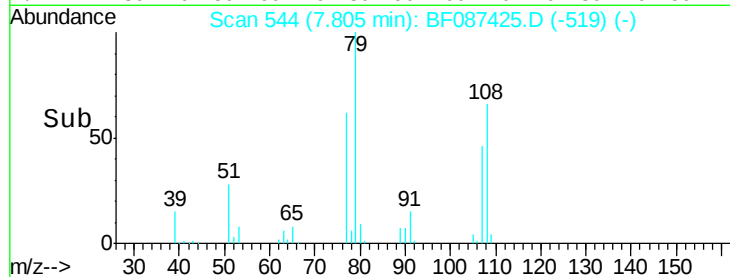
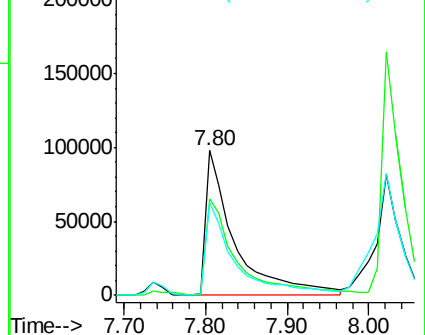
77 63.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.25 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

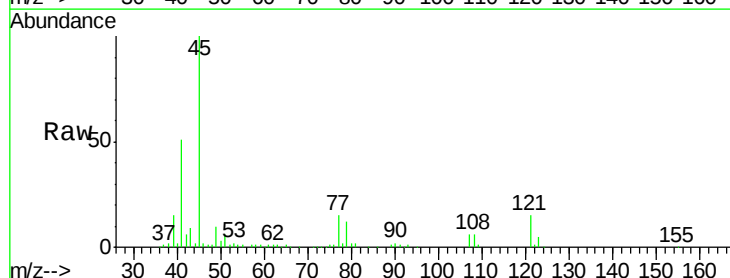
Tgt Ion: 45 Resp: 561523

Ion Ratio Lower Upper

45 100

77 14.9 0.0 36.4

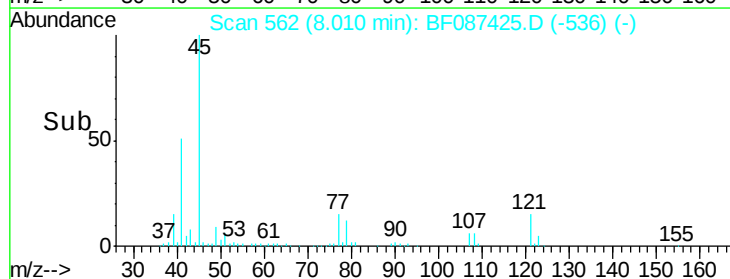
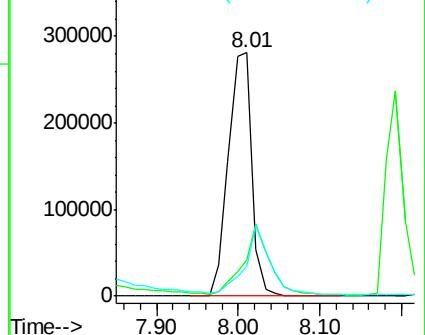
79 12.4 0.0 33.4

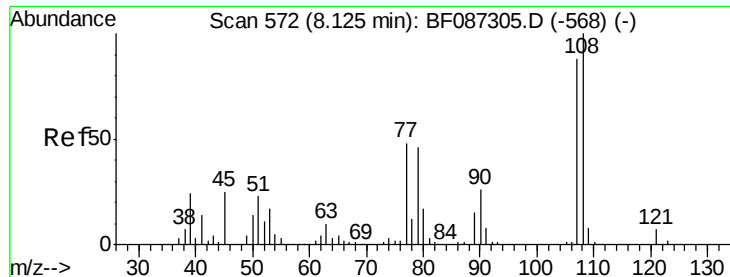


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

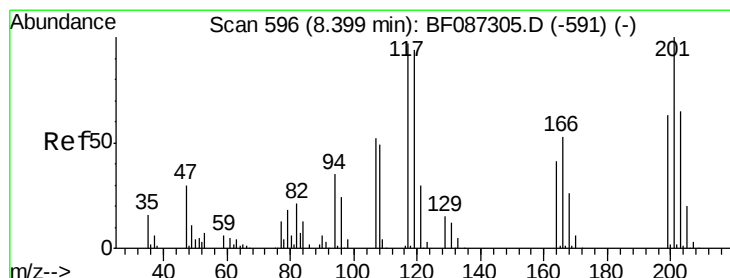
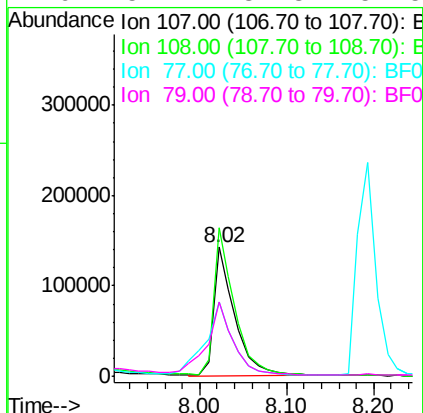
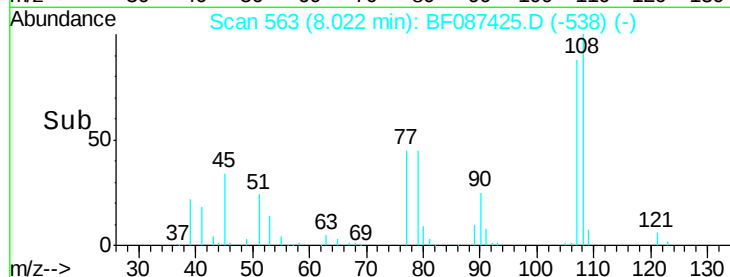
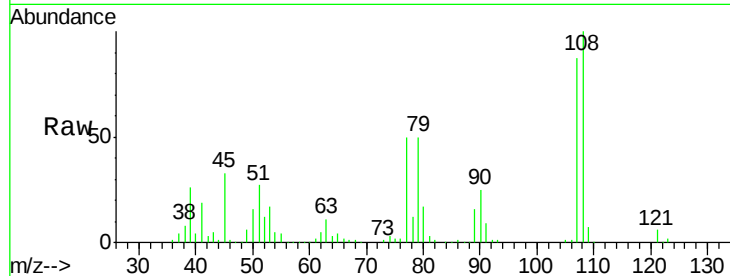




#17
2-Methylphenol
Concen: 38.06 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

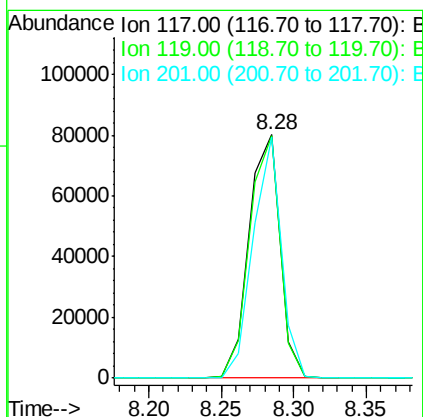
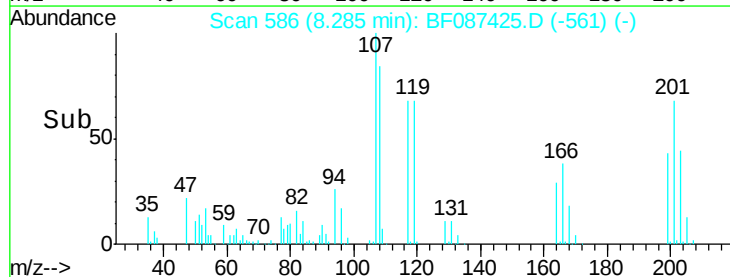
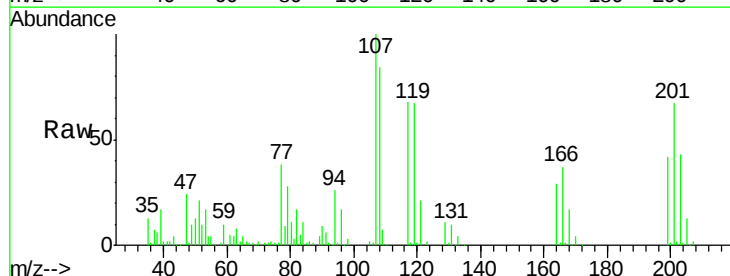
Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tgt Ion:107 Resp: 239095
Ion Ratio Lower Upper
107 100
108 115.4 93.7 140.5
77 57.9 33.4 50.0#
79 57.2 34.3 51.5#



#18
Hexachloroethane
Concen: 36.30 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:117 Resp: 118859
Ion Ratio Lower Upper
117 100
119 99.6 76.5 114.7
201 98.9 63.0 94.6#

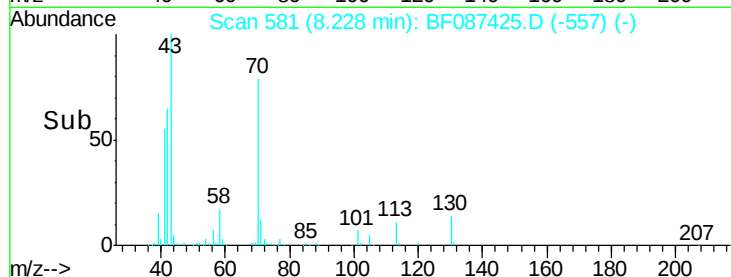
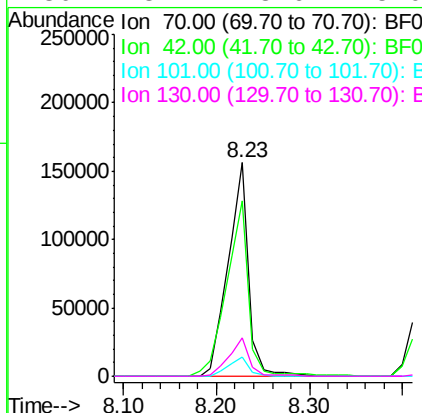
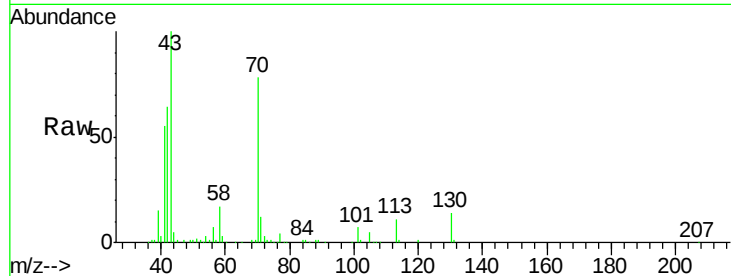




#19
n-Nitroso-di-n-propylamine
Concen: 37.88 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

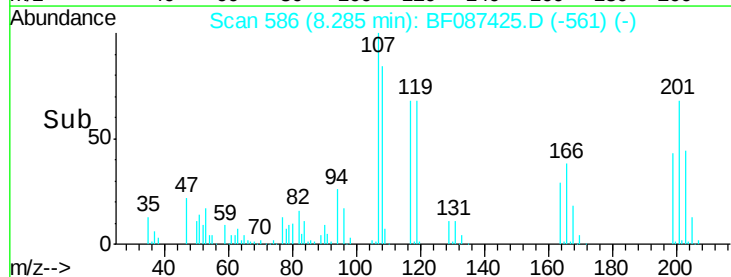
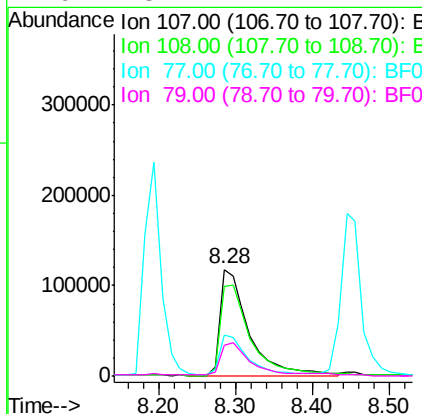
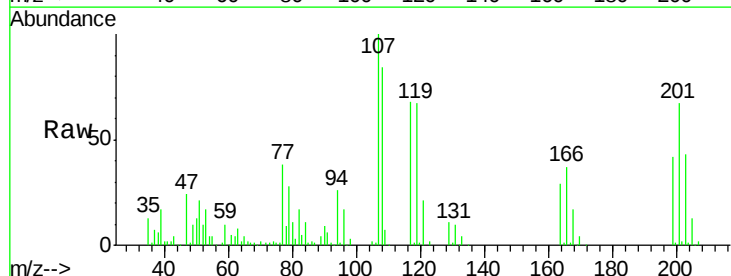
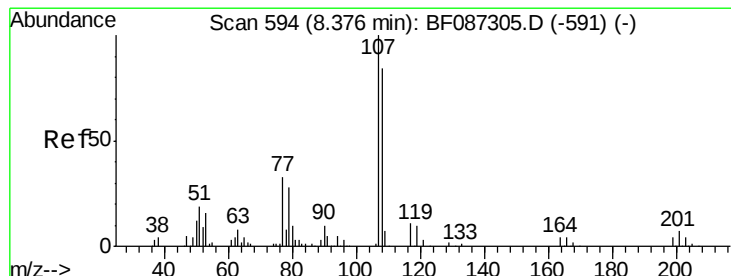
Instrument :
BNA_F
ClientSampleId :
PB90866BS

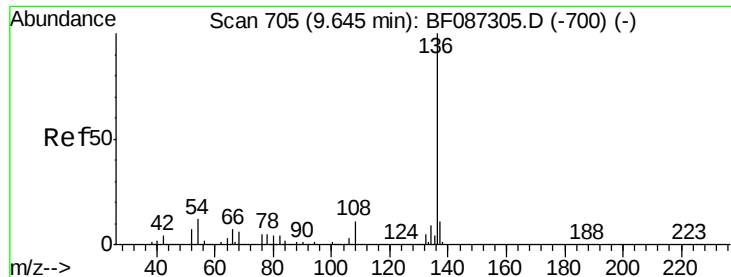
Tgt Ion: 70 Resp: 239883
Ion Ratio Lower Upper
70 100
42 82.1 43.1 64.7#
101 9.0 8.1 12.1
130 18.2 18.6 28.0#



#20
3+4-Methylphenols
Concen: 40.38 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion: 107 Resp: 306623
Ion Ratio Lower Upper
107 100
108 84.4 68.5 108.5
77 37.9 101.6 141.6#
79 28.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

Tgt Ion:136 Resp: 459068

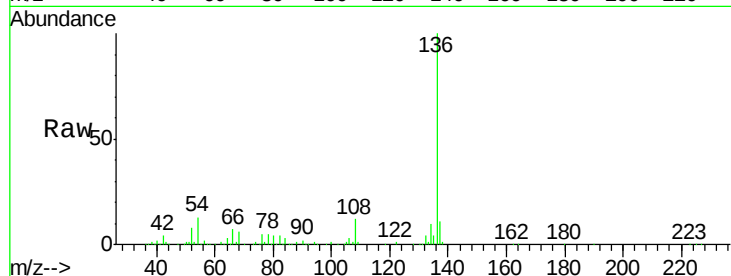
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 12.7 5.0 7.4#

68 6.0 4.4 6.6

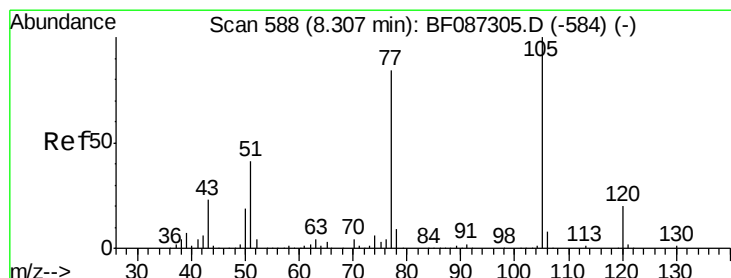
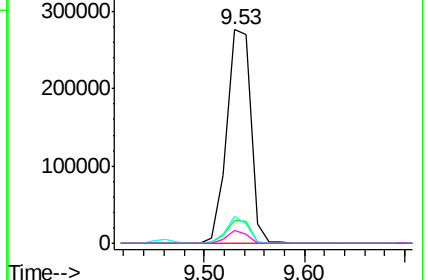
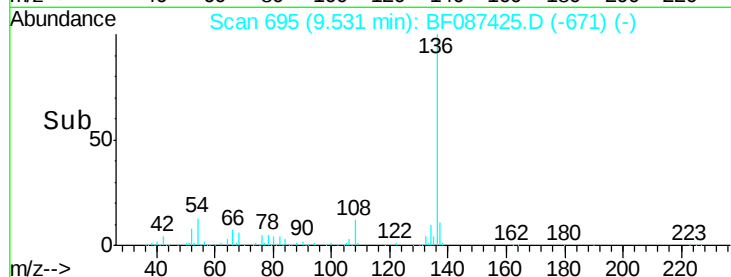


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.77 ng

RT: 8.19 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Tgt Ion:105 Resp: 425187

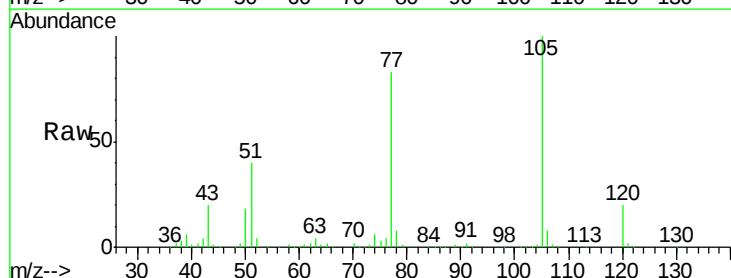
Ion Ratio Lower Upper

105 100

71 0.4 4.8 7.2#

51 39.9 32.6 49.0

120 20.4 16.5 24.7

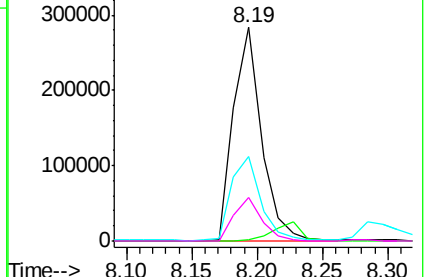
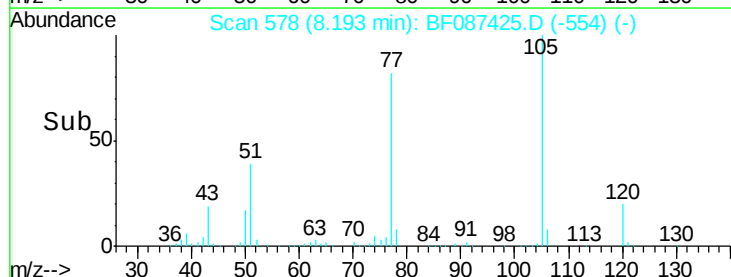


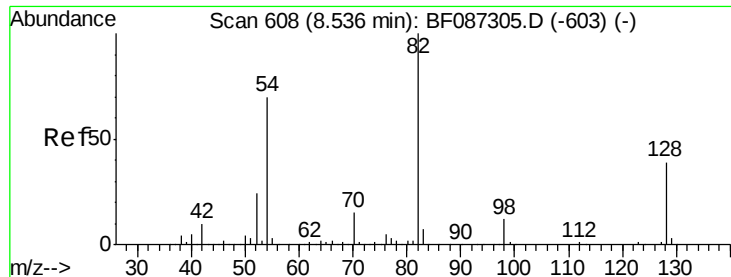
Abundance Ion 105.00 (104.70 to 105.70): E

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

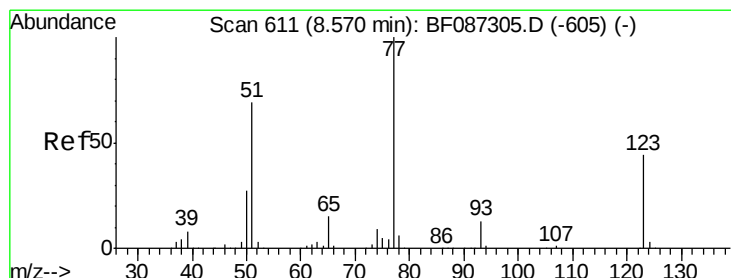
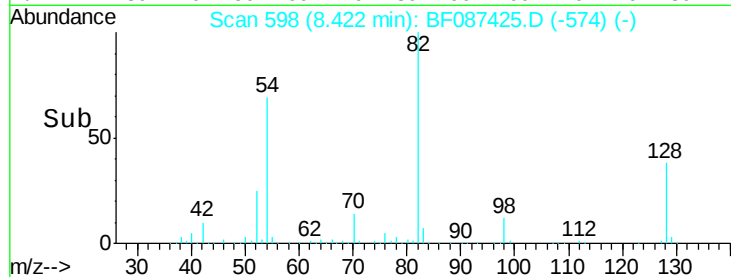
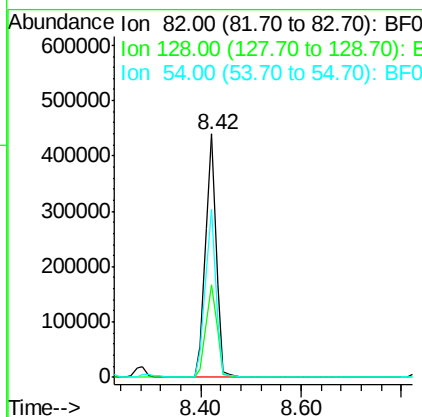
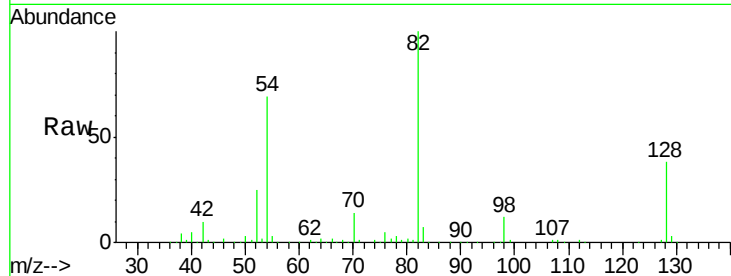




#23
 Nitrobenzene-d5
 Concen: 72.21 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

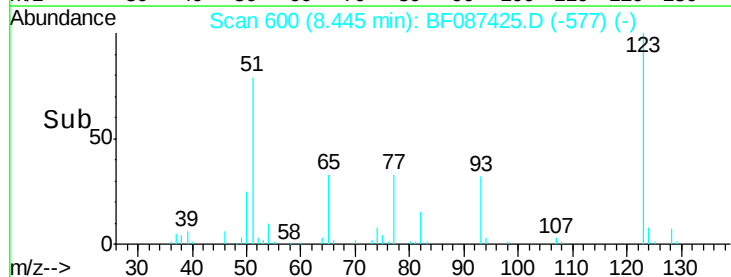
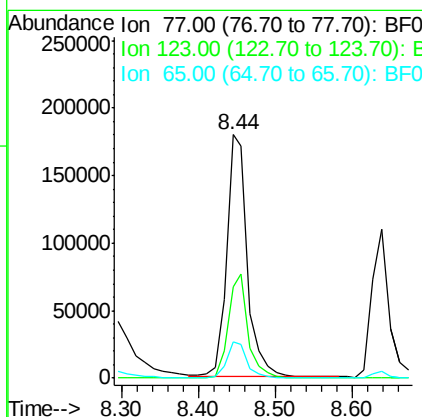
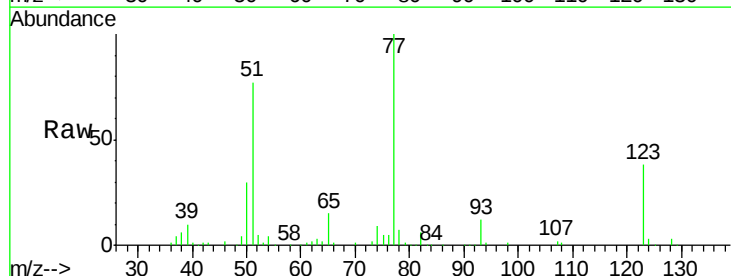
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

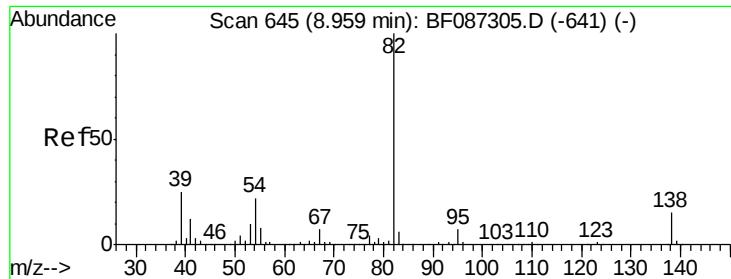
Tgt Ion: 82 Resp: 657766
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 69.2 38.1 57.1#



#24
 Nitrobenzene
 Concen: 35.62 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion: 77 Resp: 342460
 Ion Ratio Lower Upper
 77 100
 123 37.7 33.0 49.4
 65 15.1 10.8 16.2





#25

Isophorone

Concen: 35.76 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

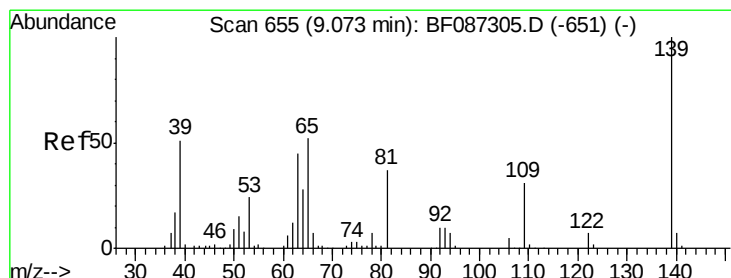
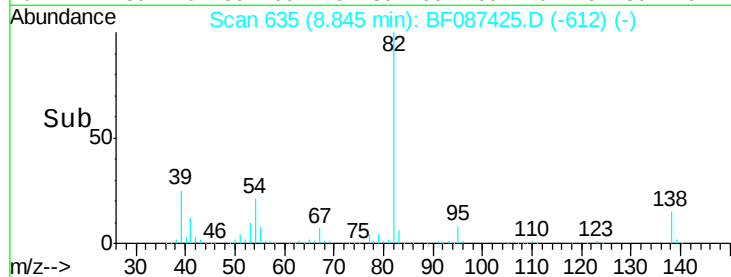
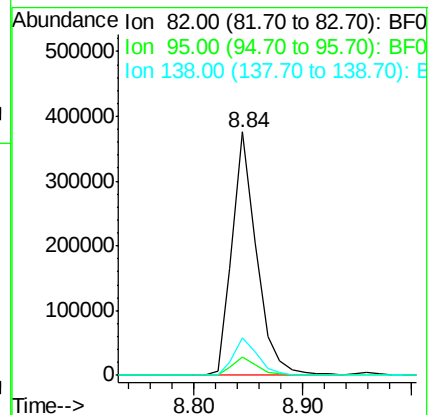
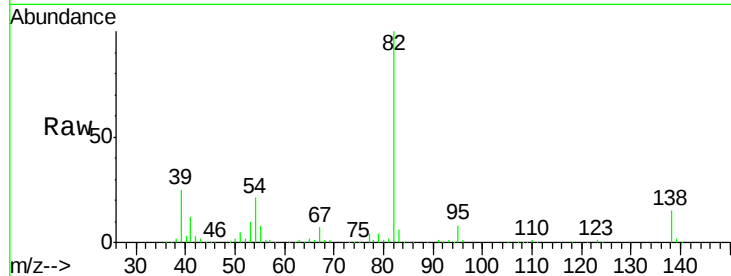
Tgt Ion: 82 Resp: 584265

Ion Ratio Lower Upper

82 100

95 7.6 5.1 7.7

138 15.4 12.4 18.6



#26

2-Nitrophenol

Concen: 37.87 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

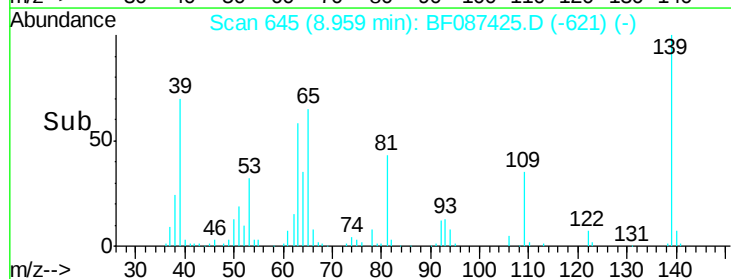
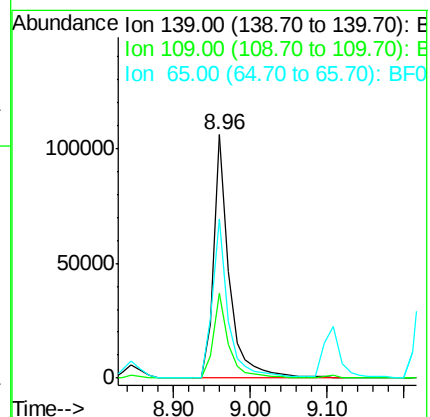
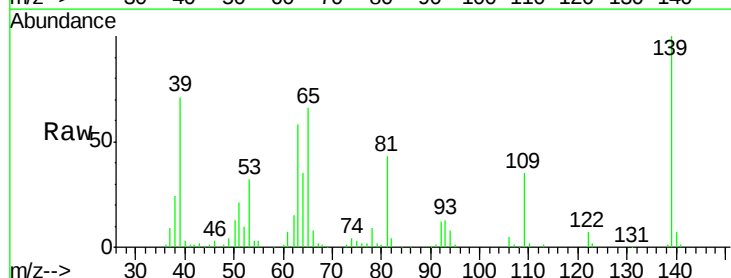
Tgt Ion: 139 Resp: 148861

Ion Ratio Lower Upper

139 100

109 34.6 19.5 29.3#

65 65.6 37.5 56.3#

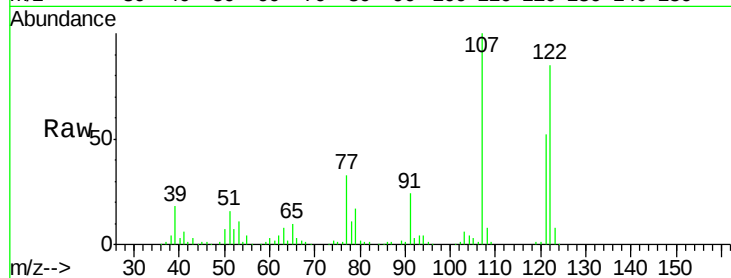




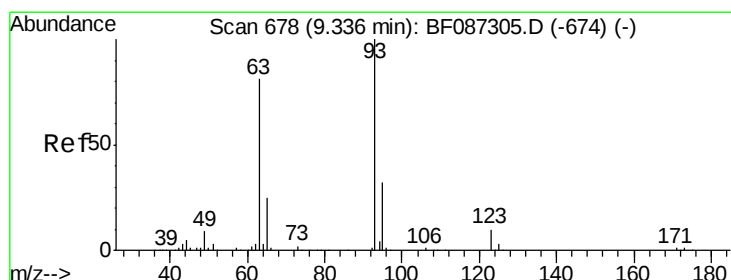
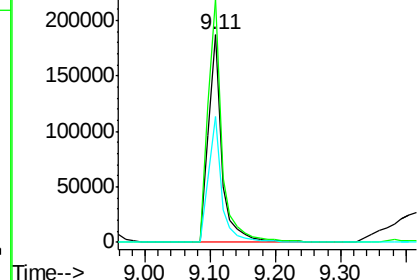
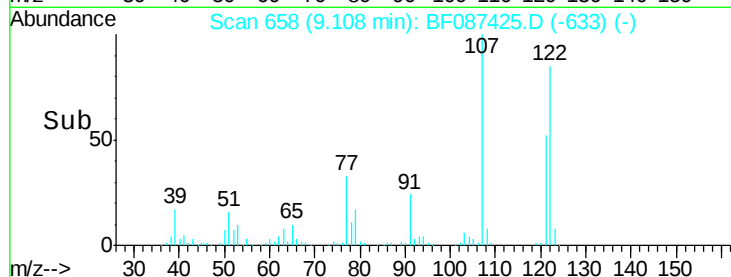
#27
 2,4-Dimethylphenol
 Concen: 39.11 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	82.0	123.0
121	60.8	46.1	69.1

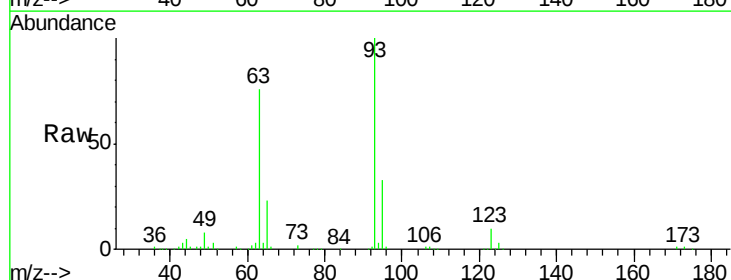


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

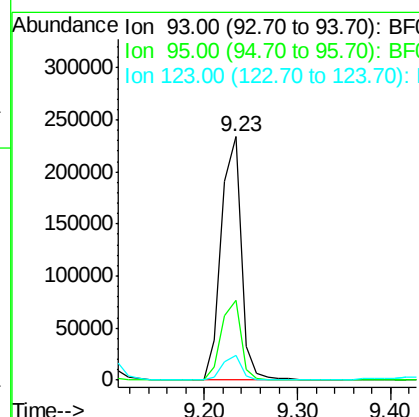
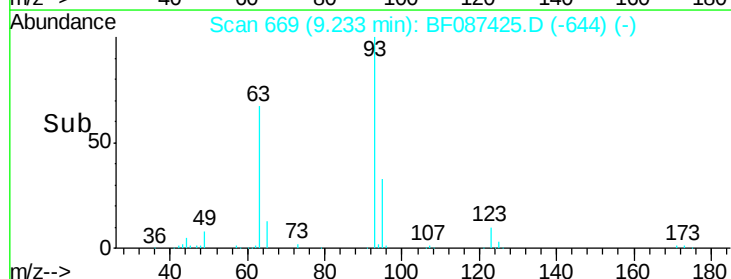


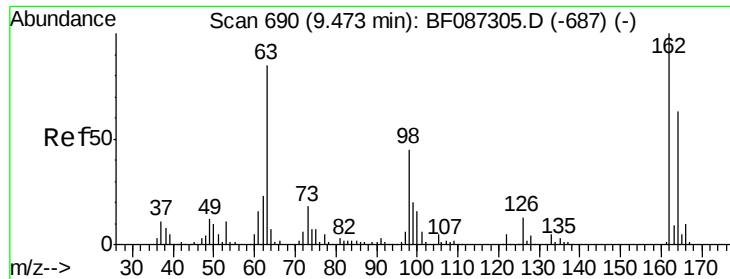
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.15 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	10.3	9.5	14.3



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

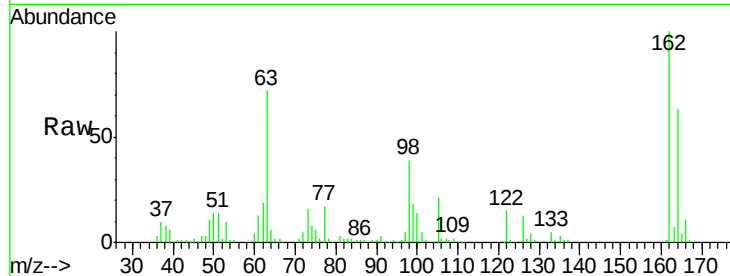




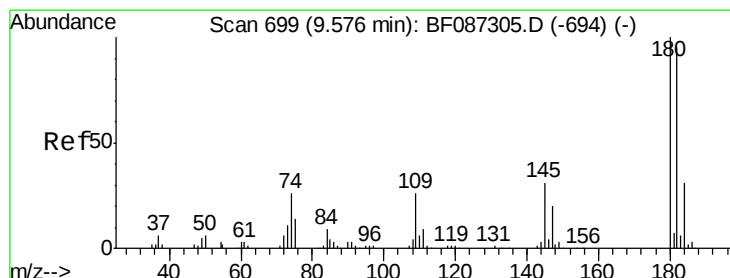
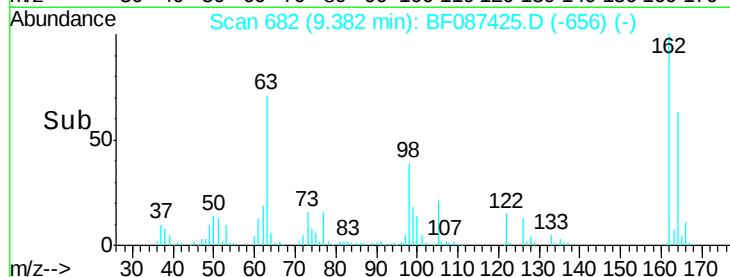
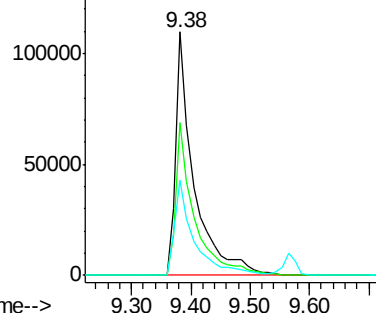
#29
 2,4-Dichlorophenol
 Concen: 38.91 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleID :
 PB90866BS

Tgt Ion:162 Resp: 239278
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.2 82.2
 98 39.1 19.0 59.0

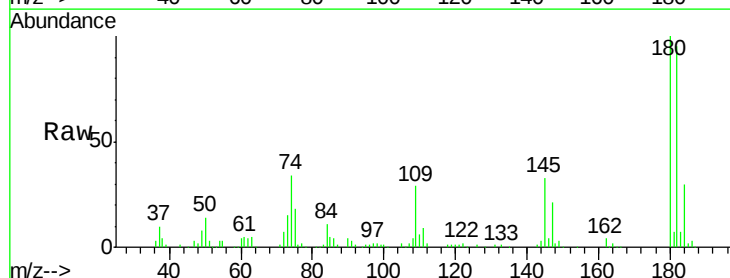


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

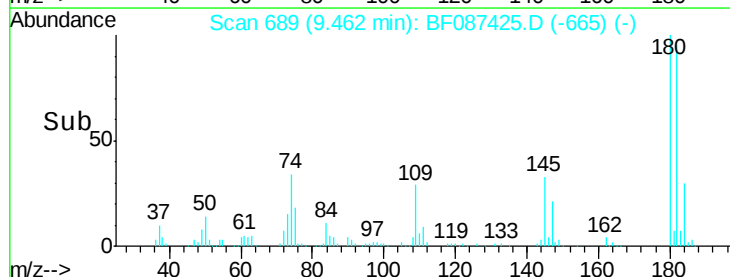
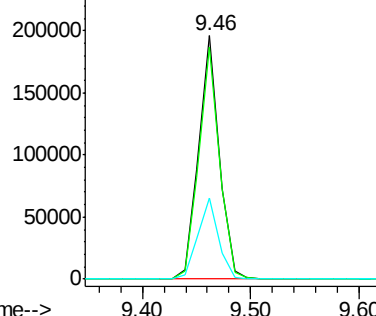


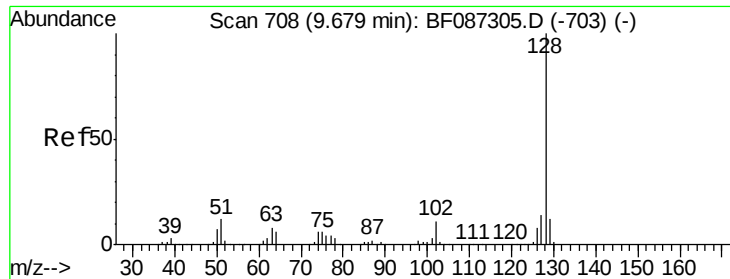
#30
 1,2,4-Trichlorobenzene
 Concen: 36.41 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:180 Resp: 256261
 Ion Ratio Lower Upper
 180 100
 182 95.3 78.0 117.0
 145 33.4 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

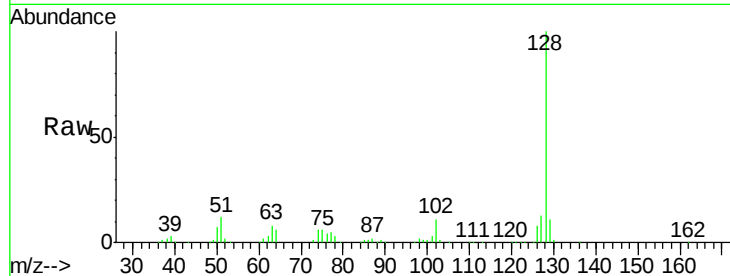




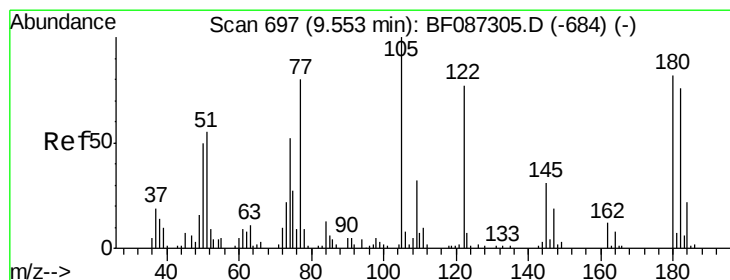
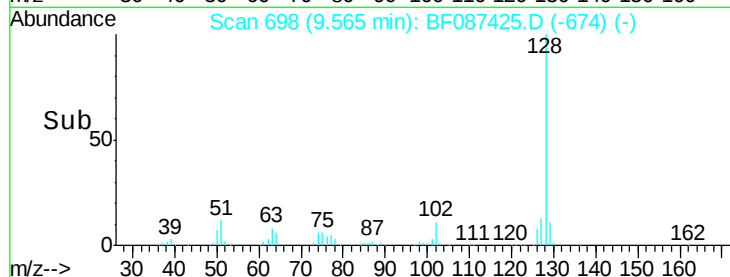
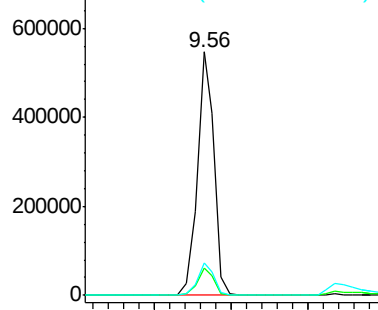
#31
Naphthalene
Concen: 36.53 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tgt Ion:128 Resp: 840232
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2

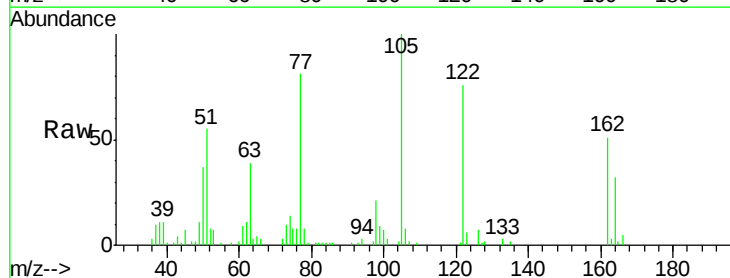


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

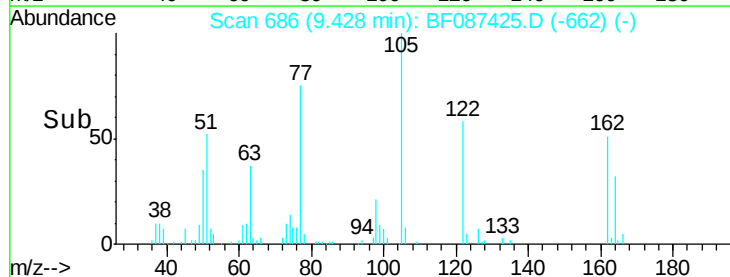
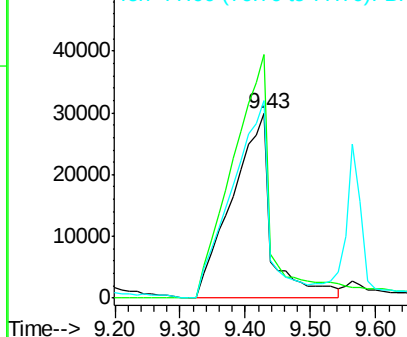


#32
Benzoic acid
Concen: 37.33 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:122 Resp: 125995
Ion Ratio Lower Upper
122 100
105 132.1 92.6 132.6
77 106.9 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

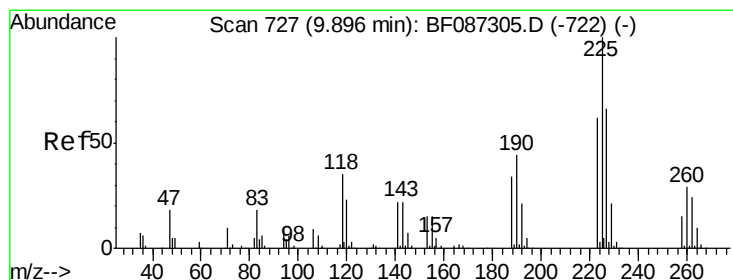
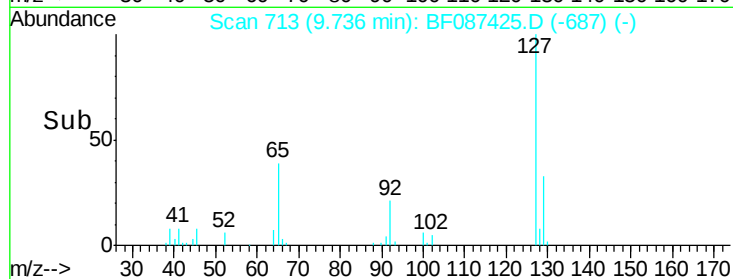
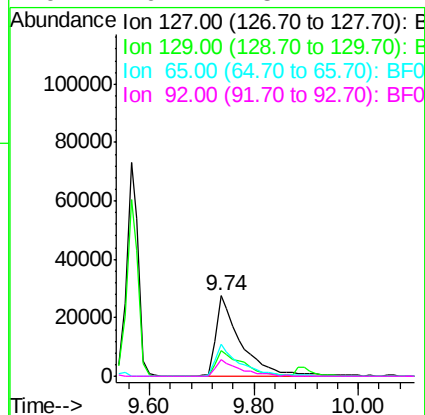
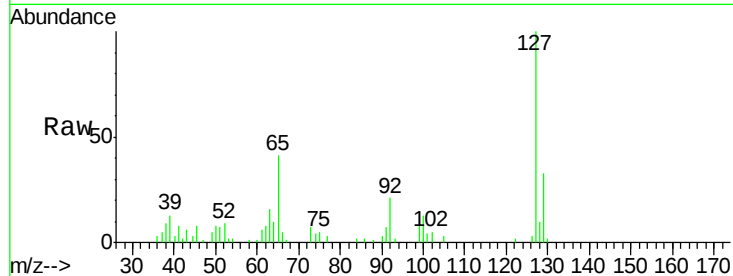




#33
4-Chloroaniline
Concen: 10.81 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

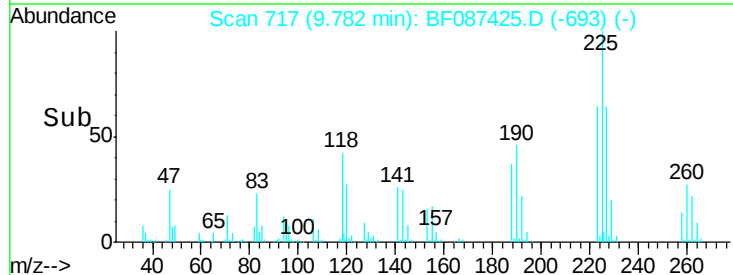
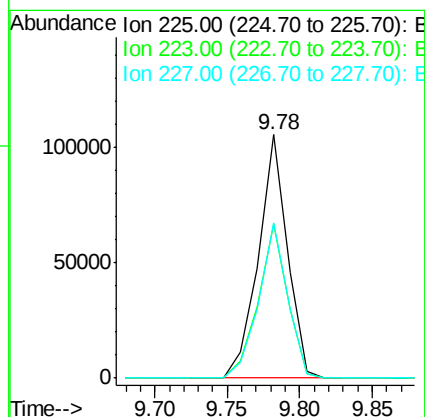
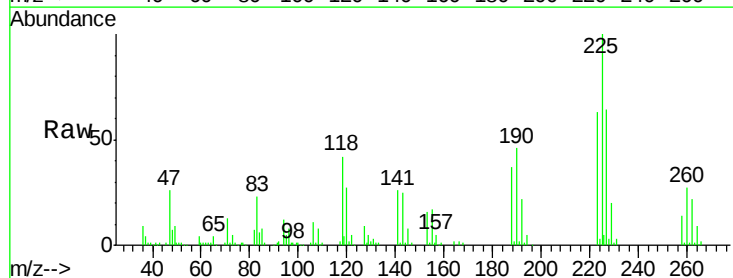
Instrument :
BNA_F
ClientSampled :
PB90866BS

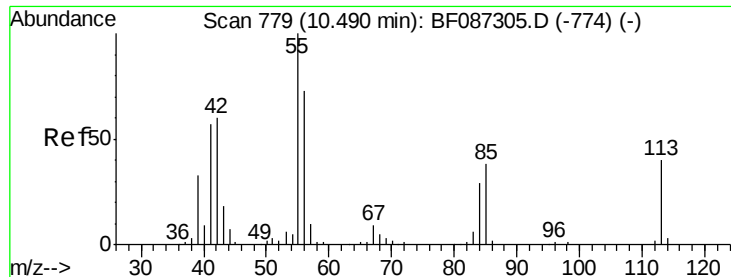
Tgt Ion:	127	Resp:	91564
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	40.7	23.0	34.4#
92	20.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 34.24 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:	225	Resp:	146486
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.5	77.3
227	63.7	52.2	78.2

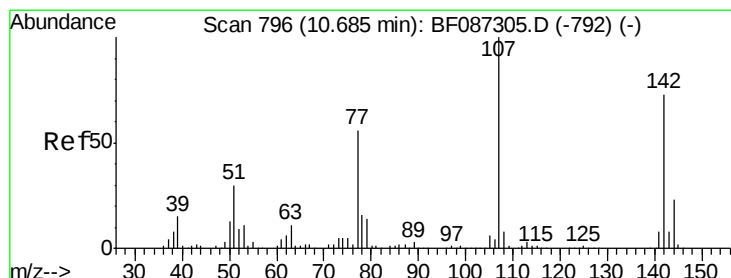
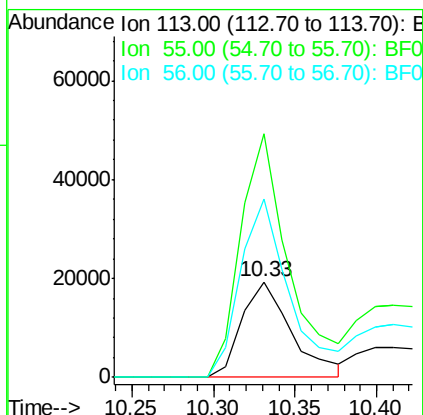
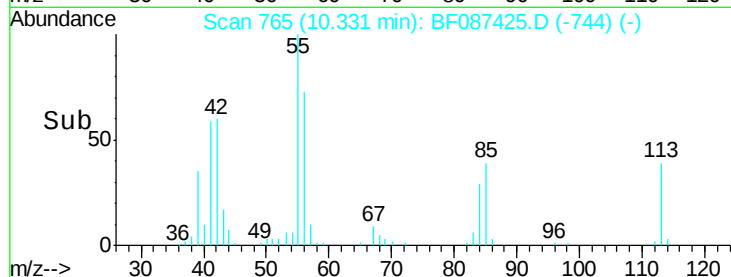
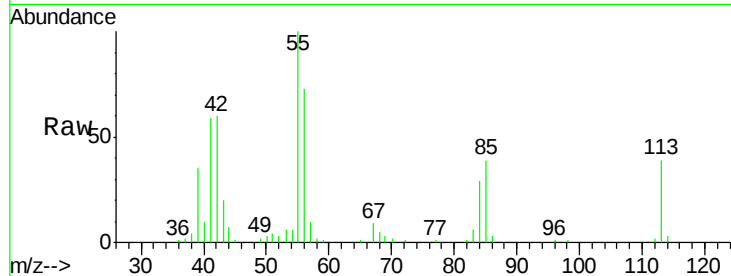




#35
 Caprolactam
 Concen: 22.92 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.06 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

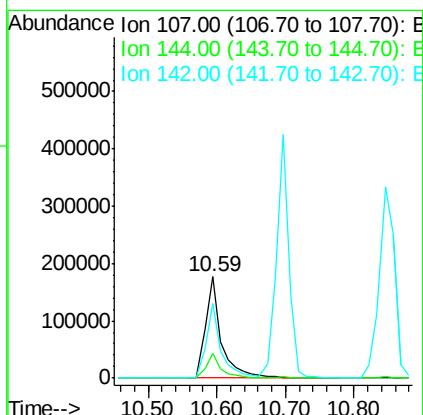
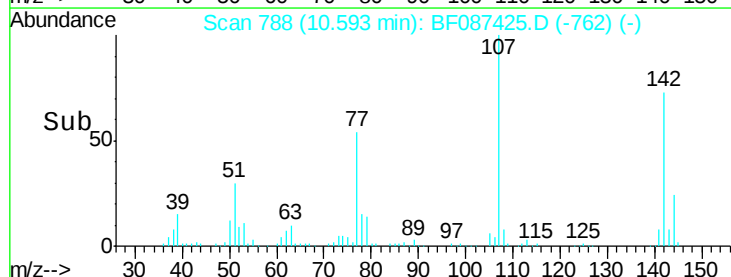
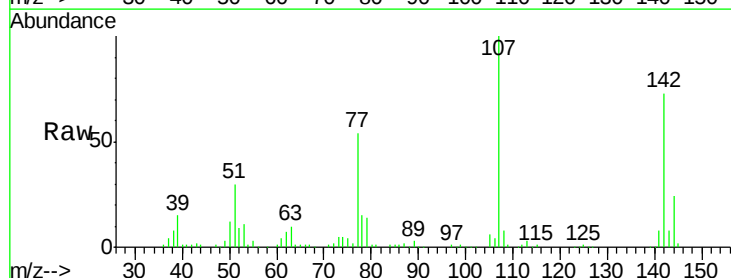
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

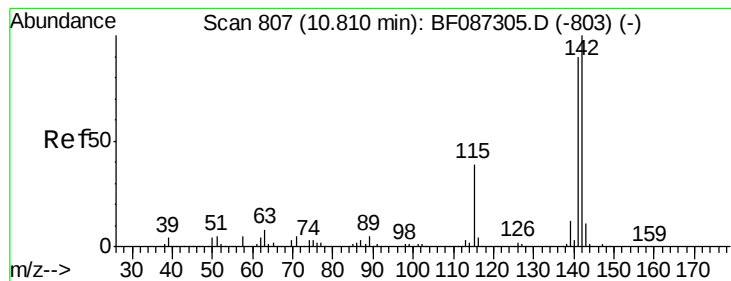
Tgt Ion:113 Resp: 41131
 Ion Ratio Lower Upper
 113 100
 55 255.1 162.0 202.0#
 56 186.7 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 40.63 ng
 RT: 10.59 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:107 Resp: 282471
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.7 31.1
 142 73.4 63.2 94.8





#37

2-Methylnaphthalene

Concen: 37.86 ng

RT: 10.70 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampled :

PB90866BS

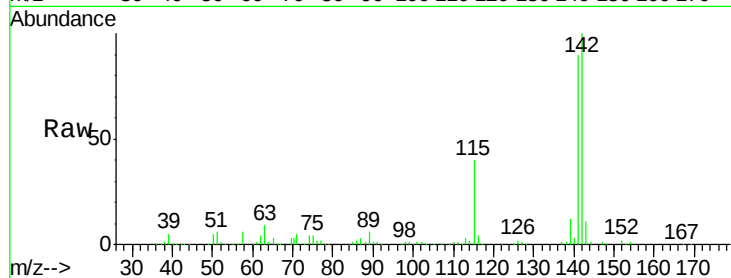
Tgt Ion:142 Resp: 544078

Ion Ratio Lower Upper

142 100

141 89.8 71.0 106.6

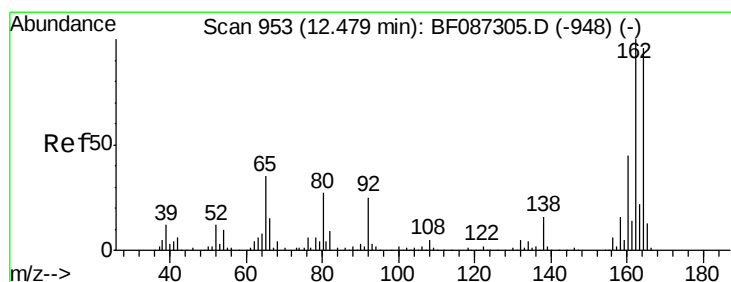
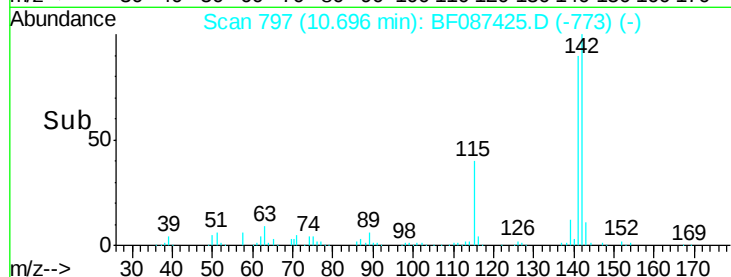
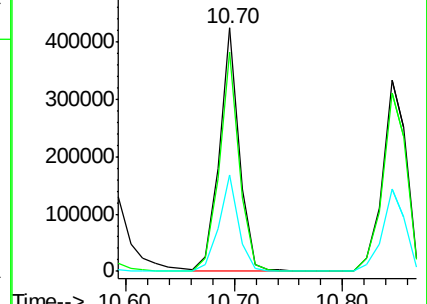
115 39.6 26.6 39.8



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: 12.37 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

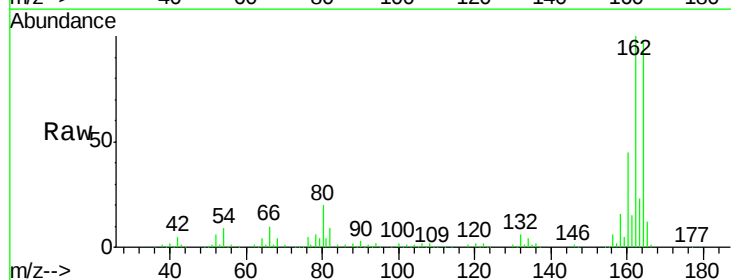
Tgt Ion:164 Resp: 217710

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

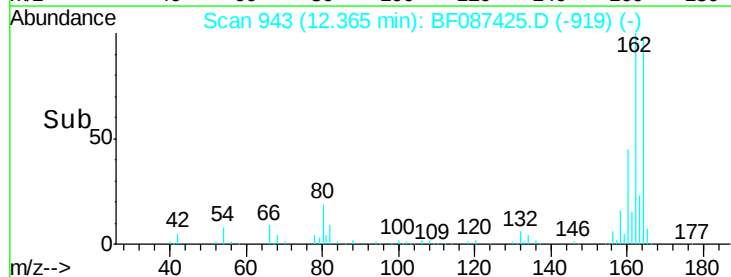
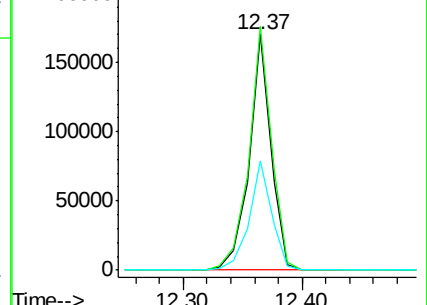
160 46.5 36.9 55.3

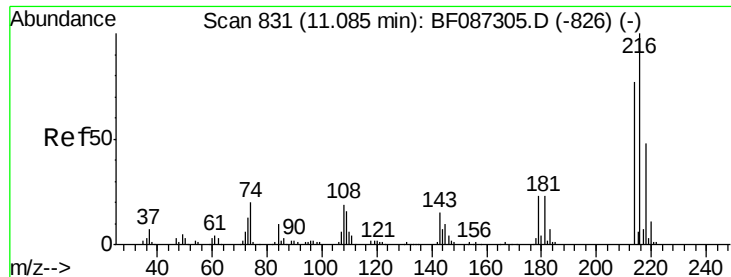


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

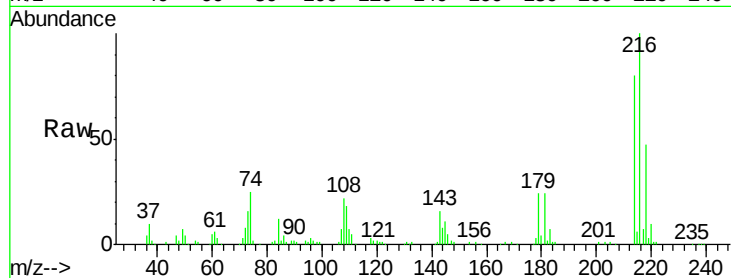




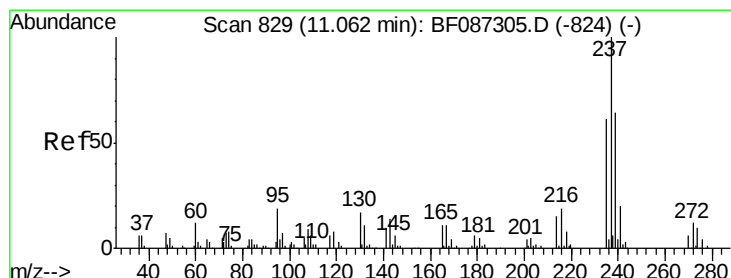
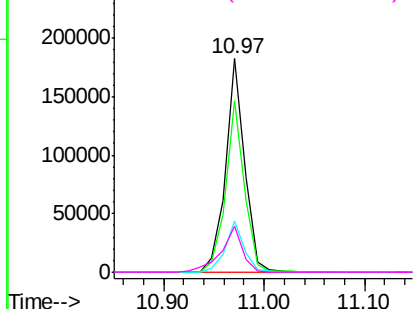
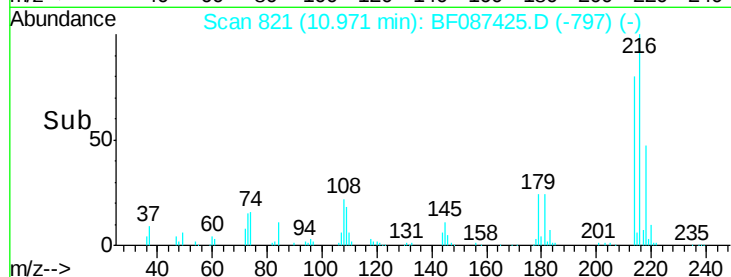
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.36 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tgt Ion:216 Resp: 239421
 Ion Ratio Lower Upper
 216 100
 214 78.9 62.6 93.8
 179 23.4 18.2 27.4
 108 24.3 17.5 26.3

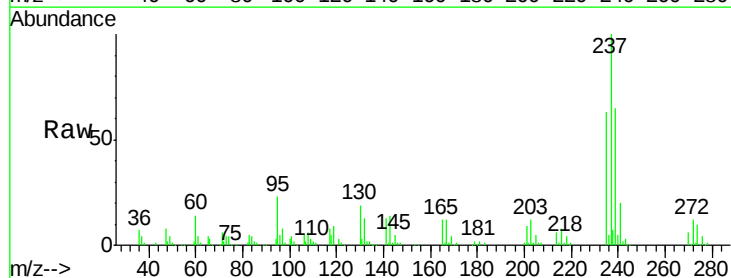


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

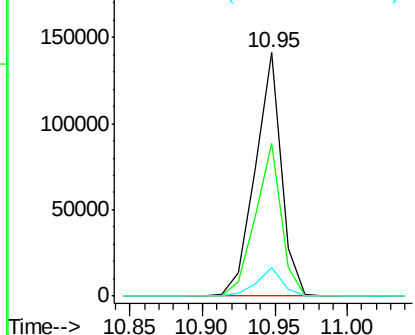
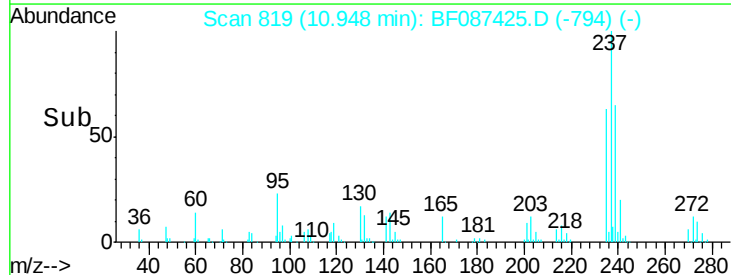


#40
 Hexachlorocyclopentadiene
 Concen: 63.81 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:237 Resp: 176762
 Ion Ratio Lower Upper
 237 100
 235 62.6 47.2 87.2
 272 11.7 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

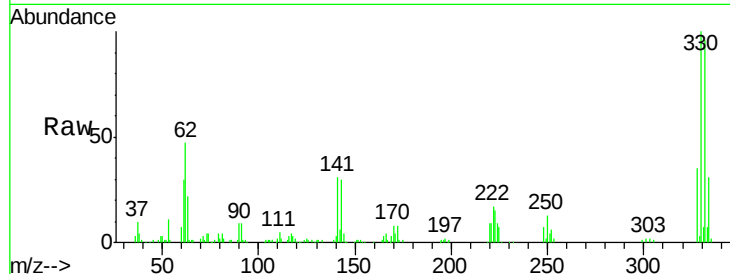




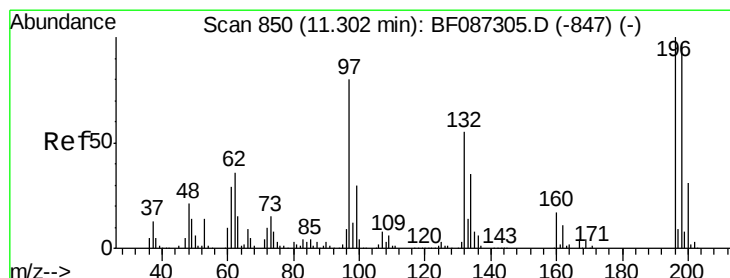
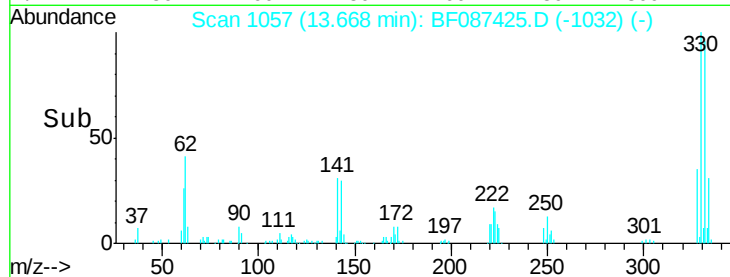
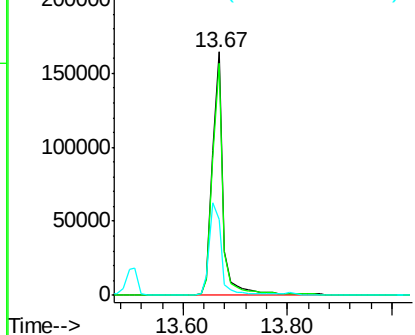
#41
 2,4,6-Tribromophenol
 Concen: 113.20 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	43.1	31.2	46.8

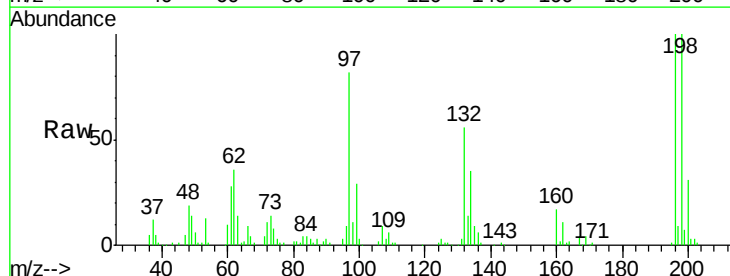


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

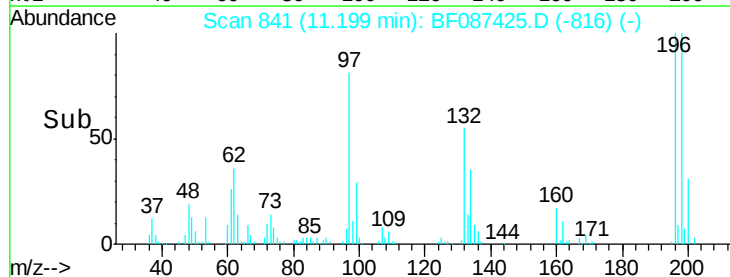
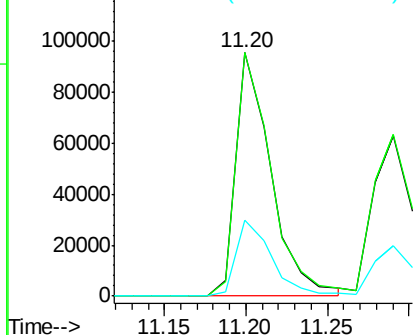


#42
 2,4,6-Trichlorophenol
 Concen: 35.38 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	74.7	112.1
200	31.3	23.8	35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

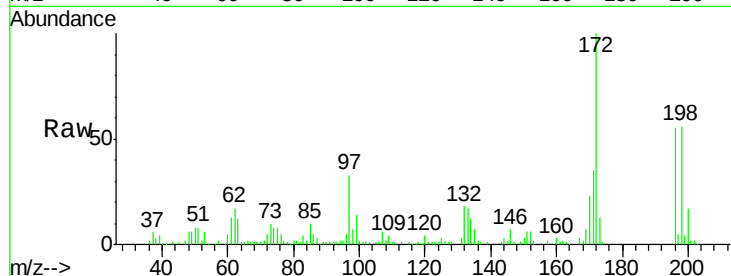




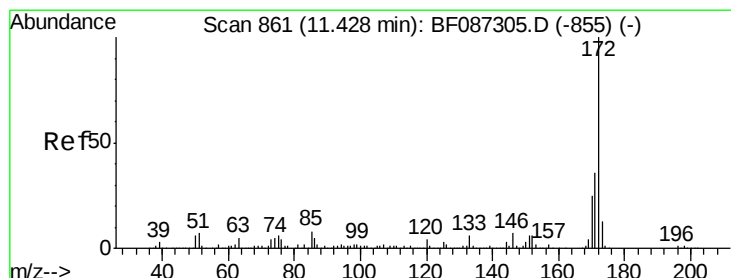
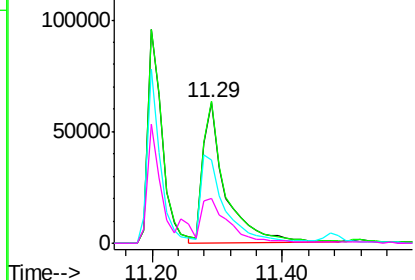
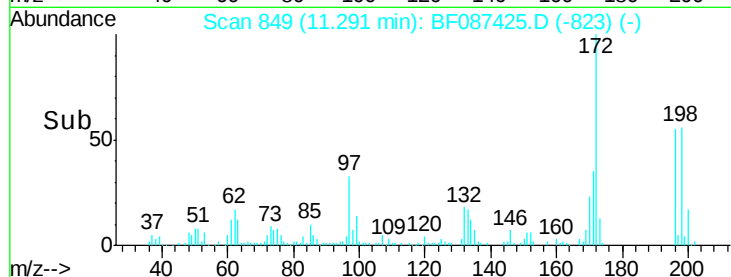
#43
 2,4,5-Trichlorophenol
 Concen: 35.94 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tgt Ion:196 Resp: 147208
 Ion Ratio Lower Upper
 196 100
 198 101.2 77.5 116.3
 97 59.5 34.8 52.2#
 132 32.1 23.0 34.4

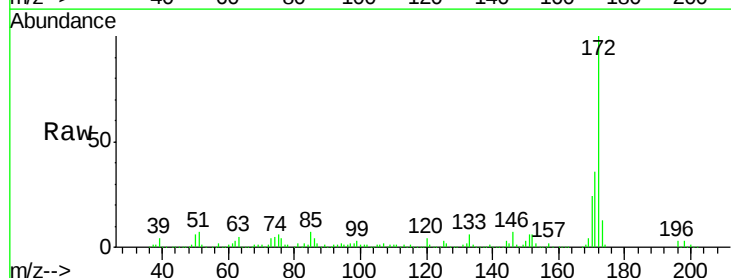


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

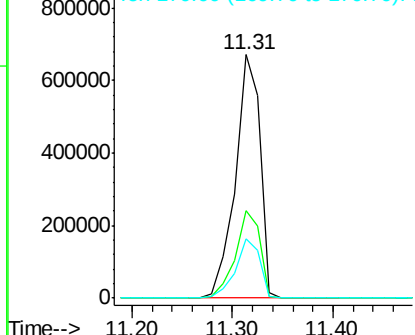
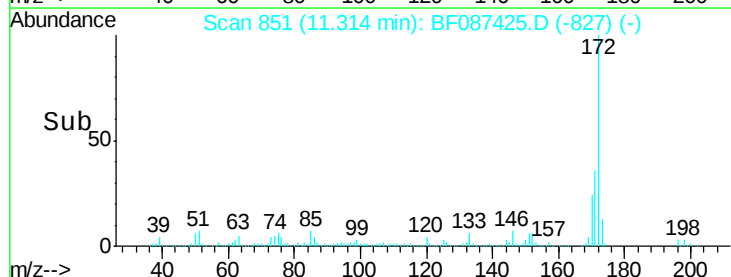


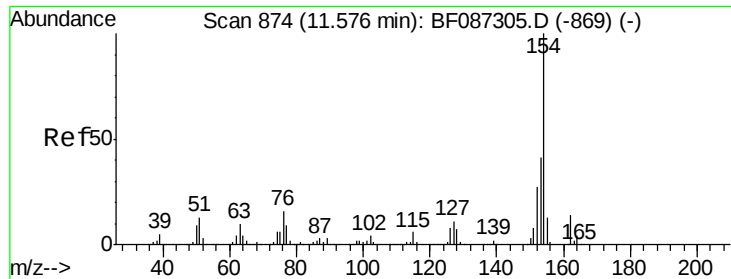
#44
 2-Fluorobiphenyl
 Concen: 73.93 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:172 Resp: 1141660
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.3 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

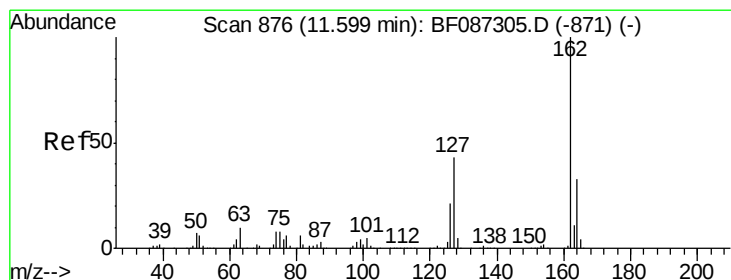
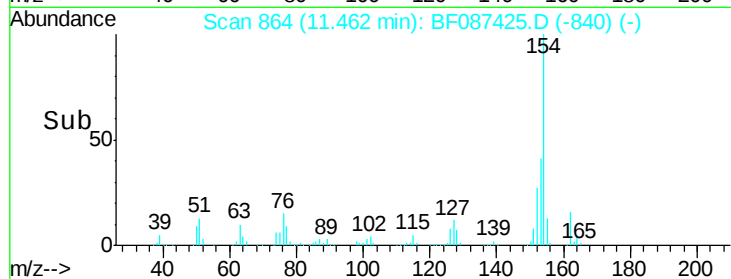
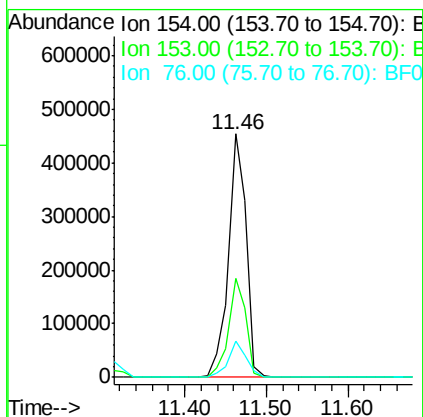
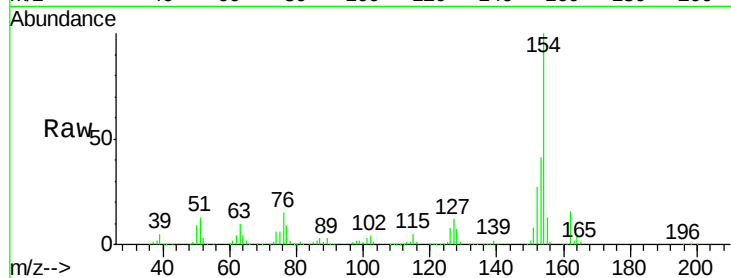




#45
 1,1'-Biphenyl
 Concen: 37.09 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

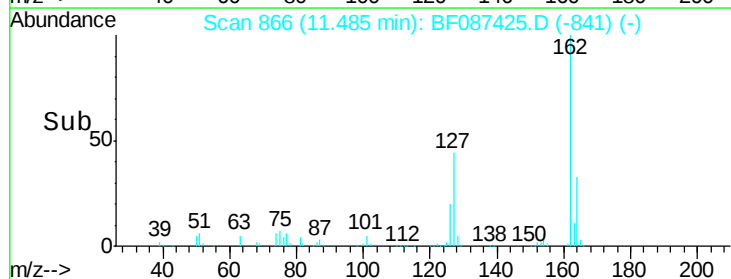
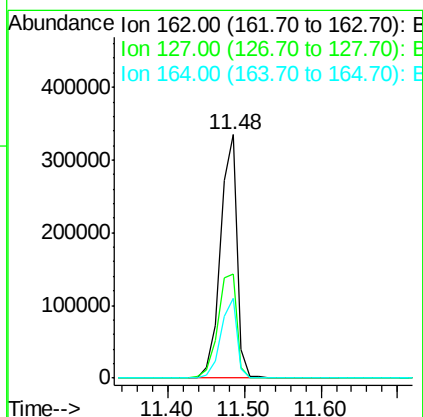
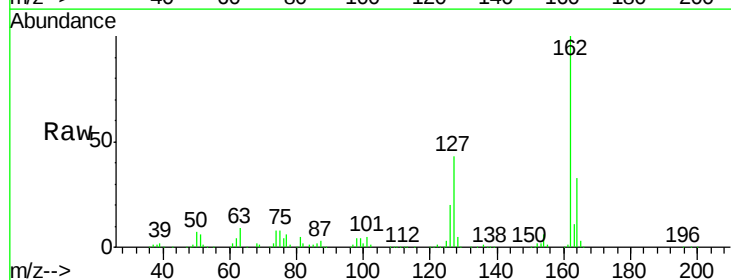
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

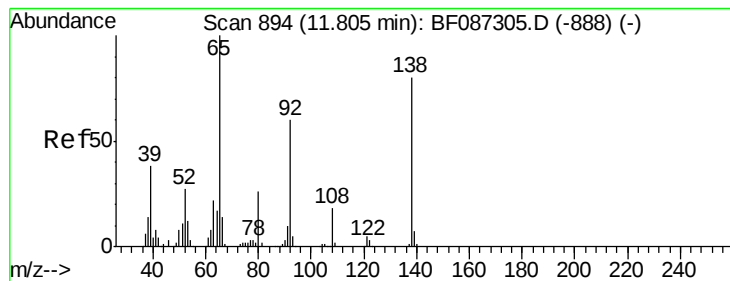
Tgt Ion:154 Resp: 679870
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.3 60.3
 76 15.1 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 36.23 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:162 Resp: 508121
 Ion Ratio Lower Upper
 162 100
 127 42.7 31.8 47.6
 164 32.5 27.0 40.6





#47

2-Nitroaniline

Concen: 41.06 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

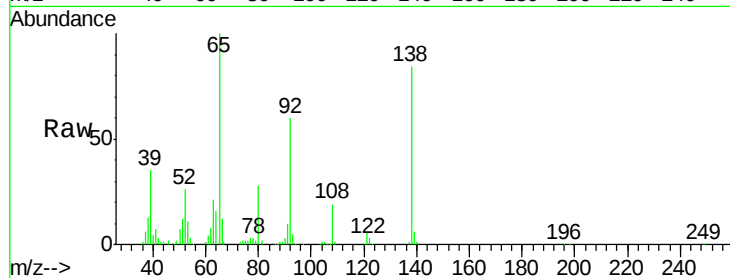
Tgt Ion: 65 Resp: 207476

Ion Ratio Lower Upper

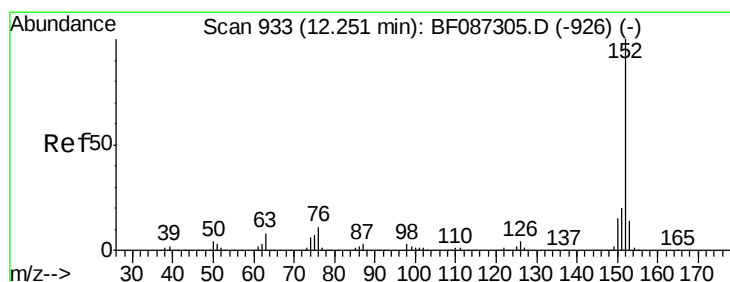
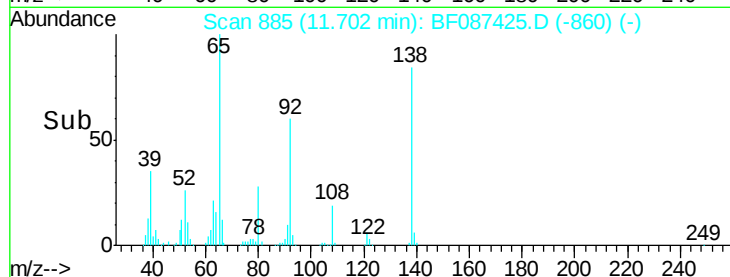
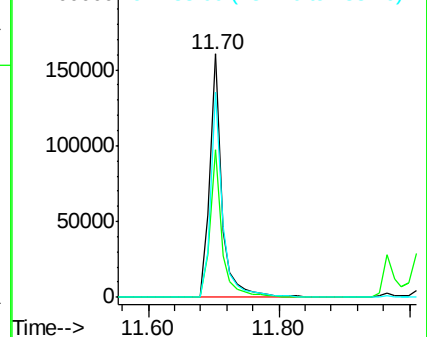
65 100

92 60.4 57.4 86.2

138 84.2 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): BF0



#48

Acenaphthylene

Concen: 36.89 ng

RT: 12.14 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

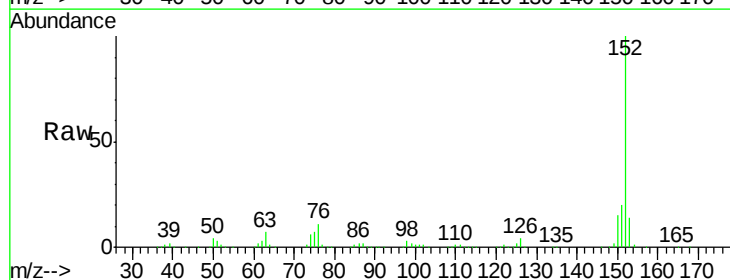
Tgt Ion: 152 Resp: 818959

Ion Ratio Lower Upper

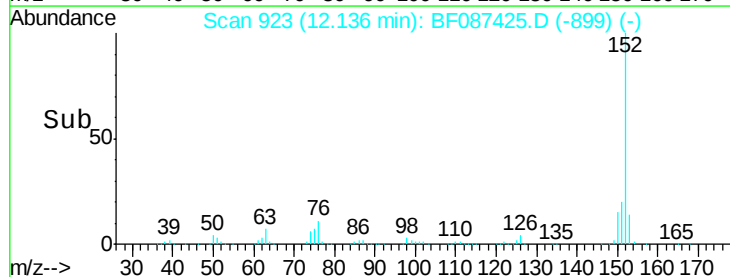
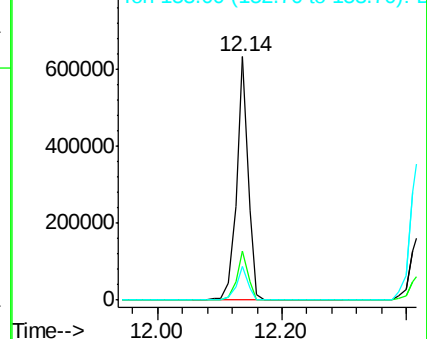
152 100

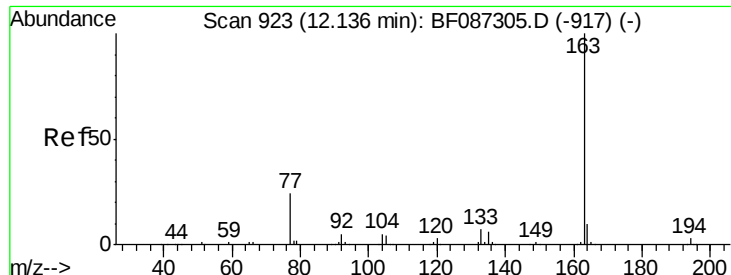
151 20.4 16.8 25.2

153 13.8 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

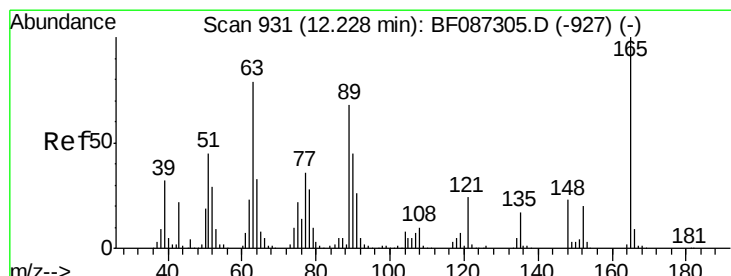
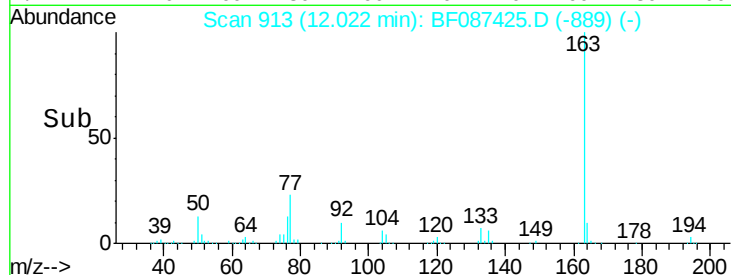
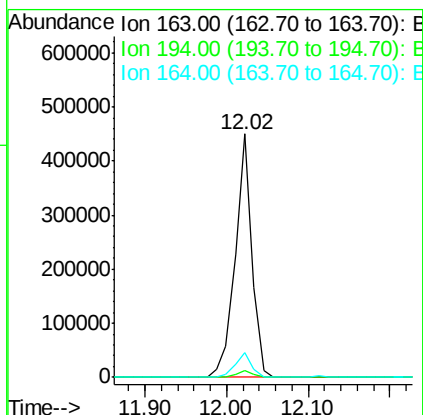
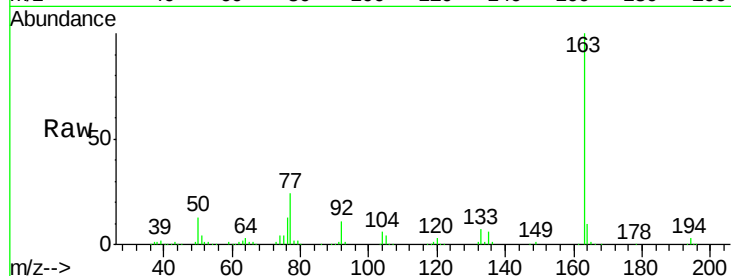




#49
Dimethylphthalate
Concen: 36.88 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

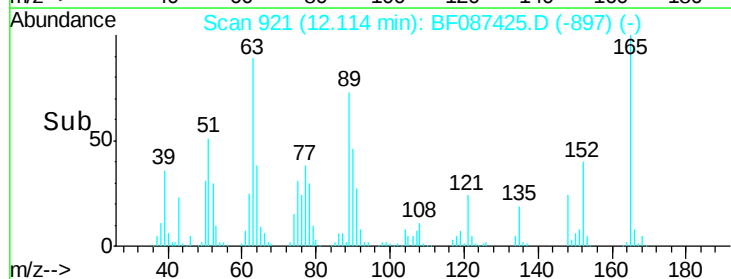
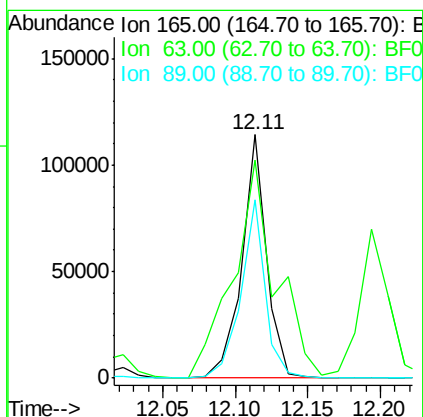
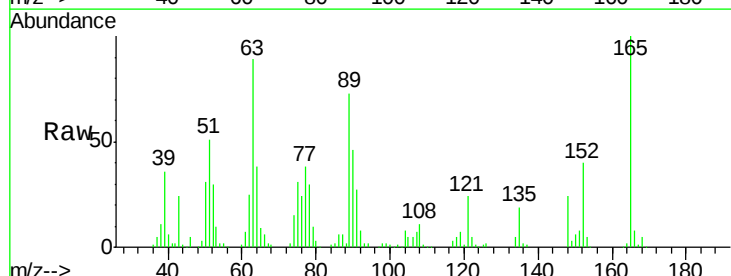
Instrument :
BNA_F
ClientSampleId :
PB90866BS

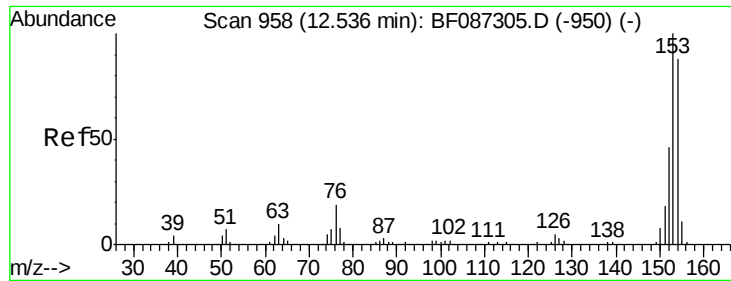
Tgt Ion:163 Resp: 643269
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 38.31 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:165 Resp: 134634
Ion Ratio Lower Upper
165 100
63 89.5 51.8 77.8#
89 73.0 50.7 76.1





#51

Acenaphthene

Concen: 37.04 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

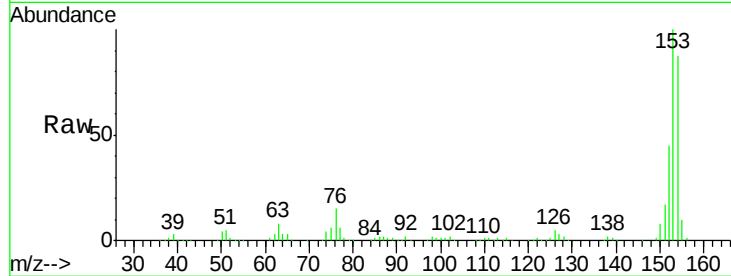
Tgt Ion:154 Resp: 505472

Ion Ratio Lower Upper

154 100

153 115.2 89.8 134.6

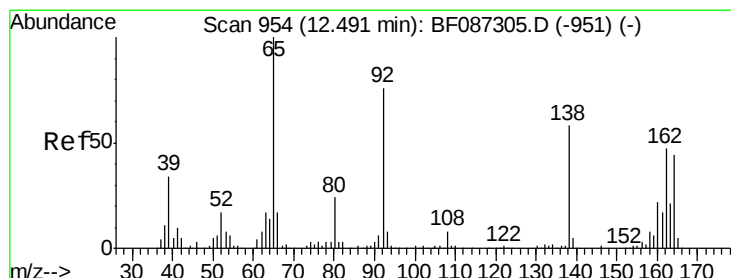
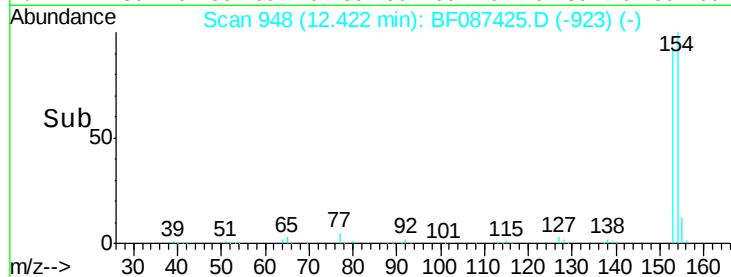
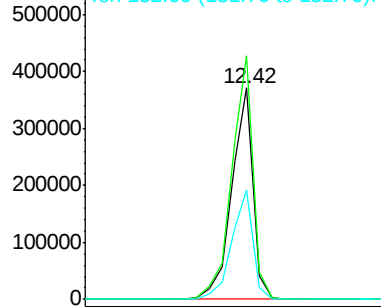
152 51.9 43.4 65.0



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: 17.87 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

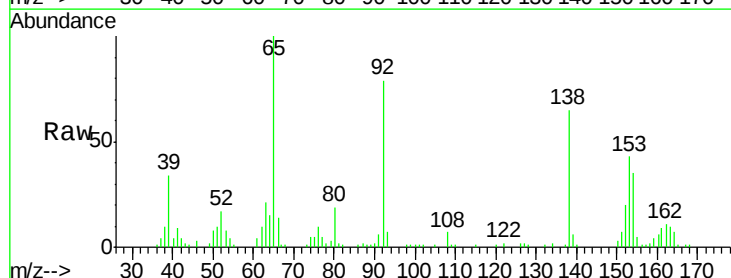
Tgt Ion:138 Resp: 64435

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

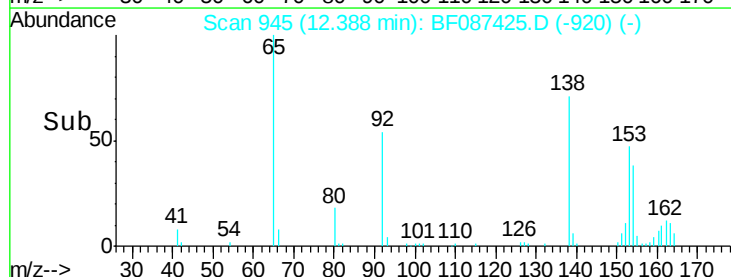
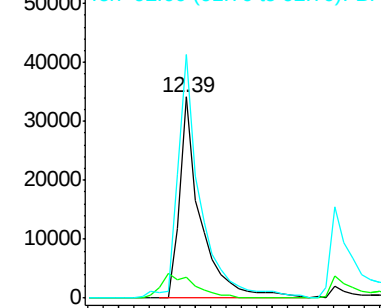
92 121.3 87.8 131.8

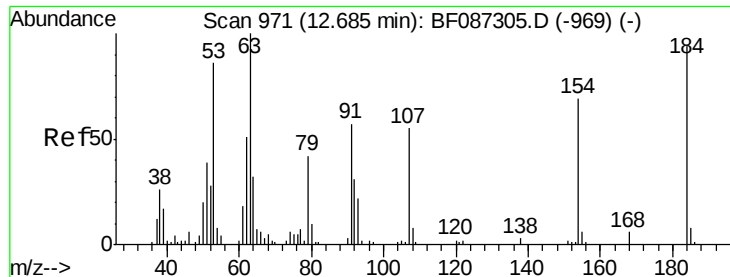


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

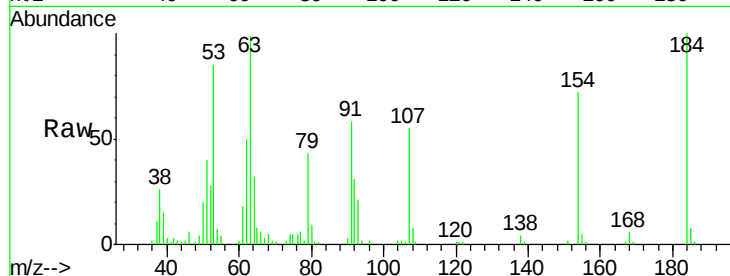




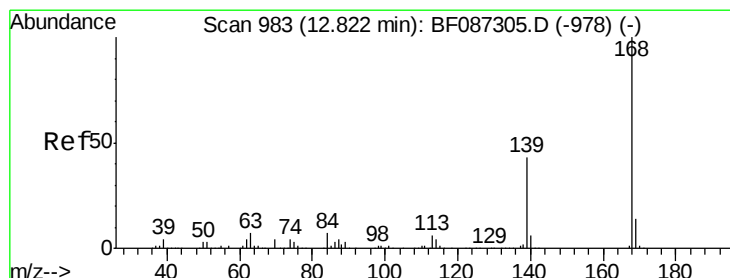
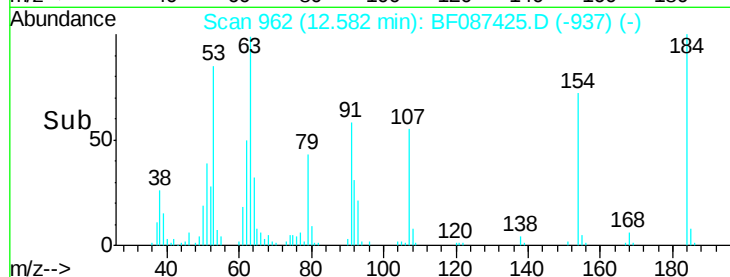
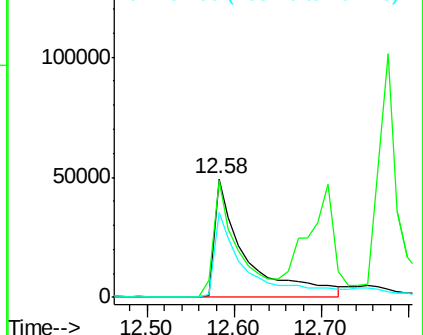
#53
2,4-Dinitrophenol
Concen: 69.21 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Tgt Ion:184 Resp: 122747
Ion Ratio Lower Upper
184 100
63 99.4 55.8 83.8#
154 72.3 62.4 93.6

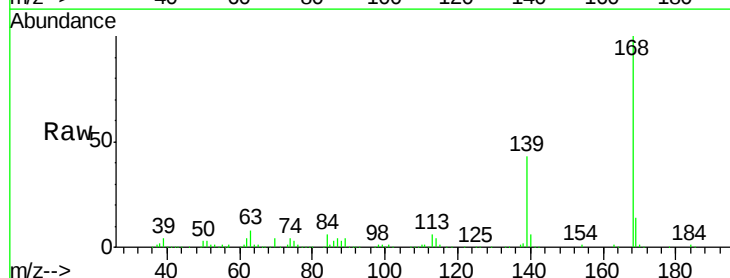


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

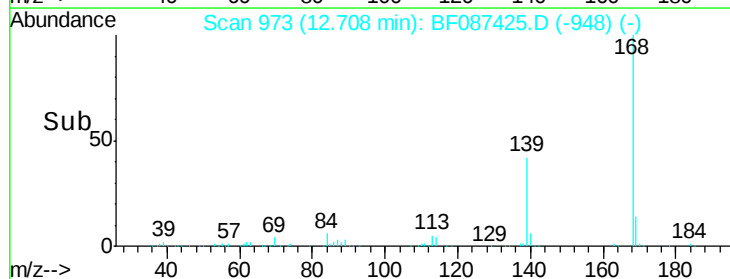
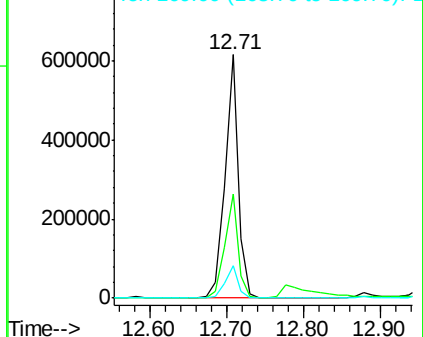


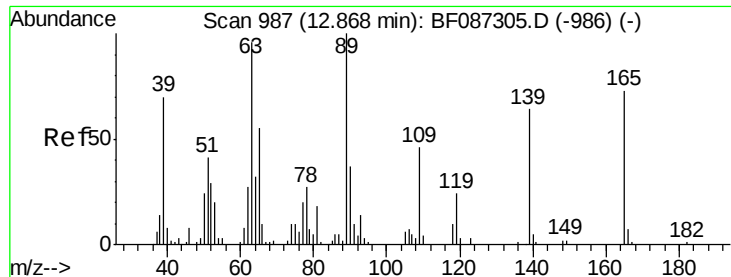
#54
Dibenzofuran
Concen: 40.77 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:168 Resp: 753253
Ion Ratio Lower Upper
168 100
139 42.7 31.4 47.0
169 13.5 10.7 16.1



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

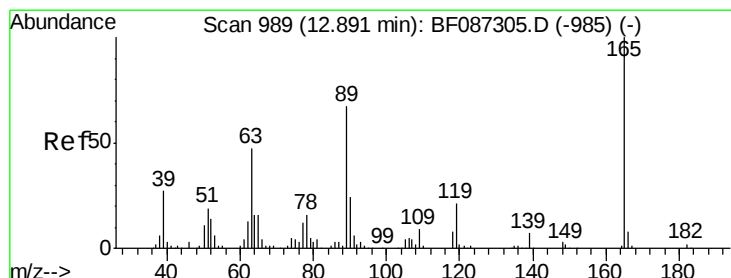
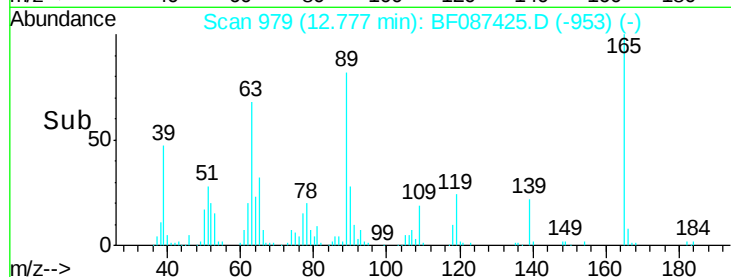
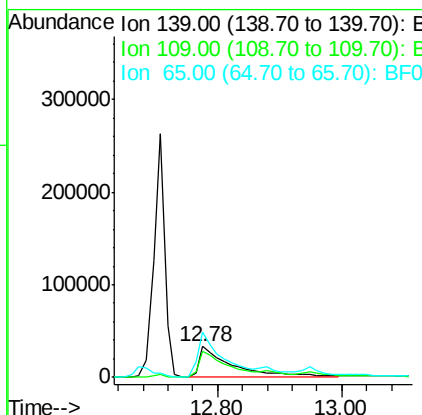
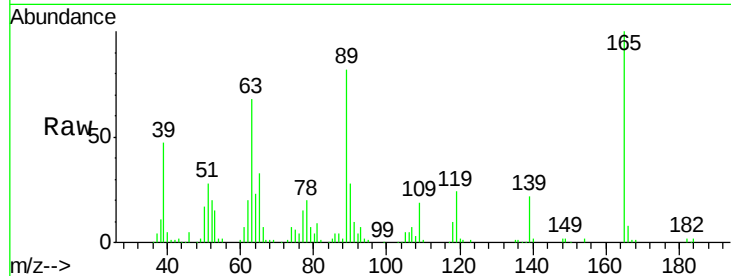




#55
4-Nitrophenol
Concen: 68.41 ng
RT: 12.78 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

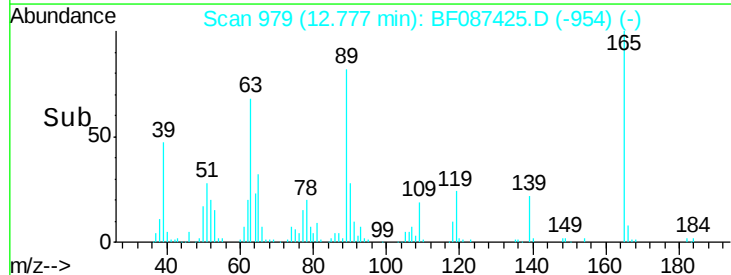
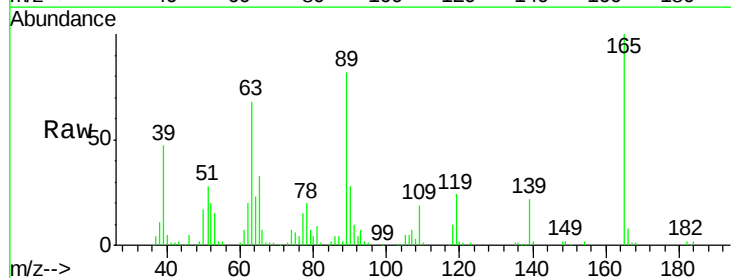
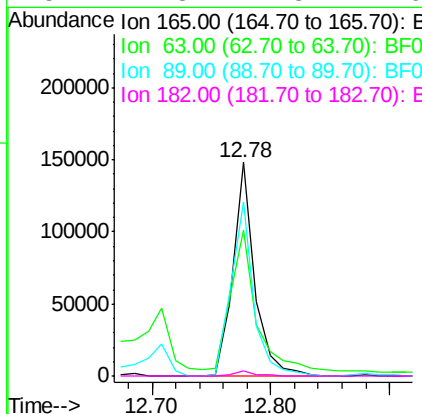
Instrument :
BNA_F
ClientSampleId :
PB90866BS

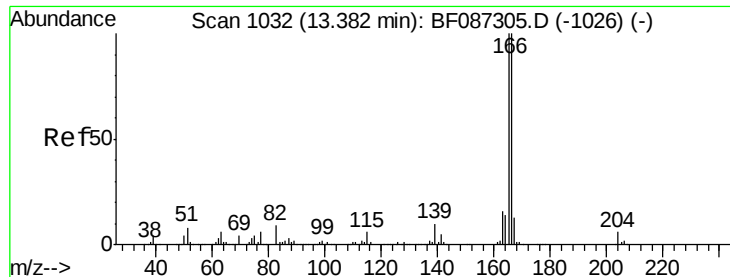
Tgt Ion:139 Resp: 117695
Ion Ratio Lower Upper
139 100
109 86.1 36.9 76.9#
65 146.3 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 40.09 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:165 Resp: 188287
Ion Ratio Lower Upper
165 100
63 68.4 44.3 66.5#
89 81.8 70.0 105.0
182 2.3 1.8 2.6

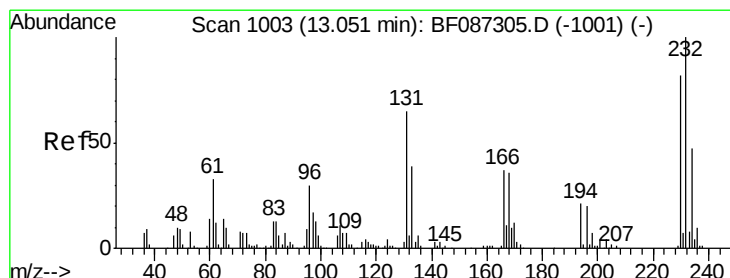
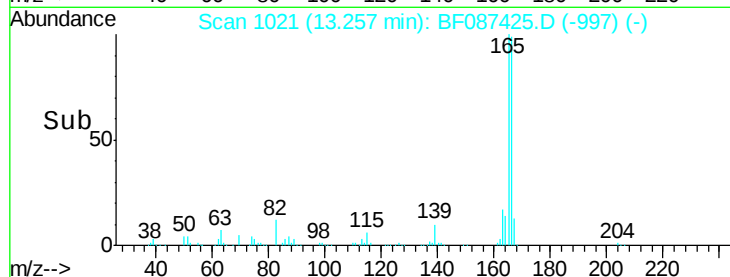
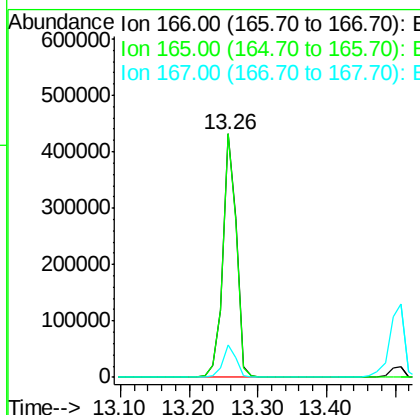
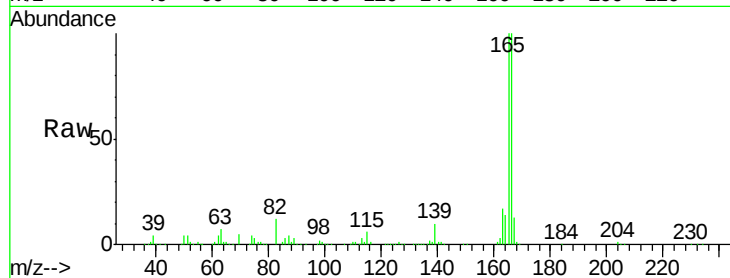




#57
 Fluorene
 Concen: 37.87 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

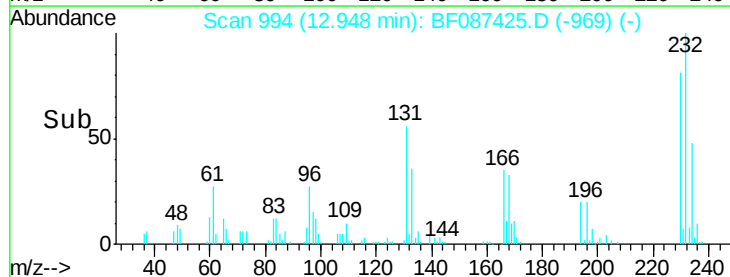
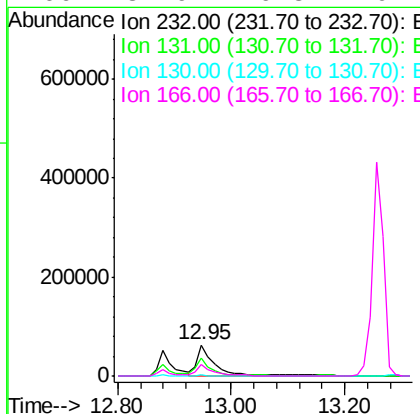
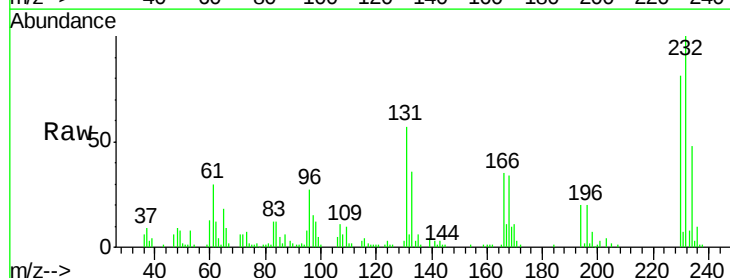
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tgt Ion:166 Resp: 606691
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.0 118.6
 167 13.5 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.98 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:232 Resp: 129148
 Ion Ratio Lower Upper
 232 100
 131 54.0 41.9 62.9
 130 3.0 2.2 3.4
 166 31.9 26.8 40.2

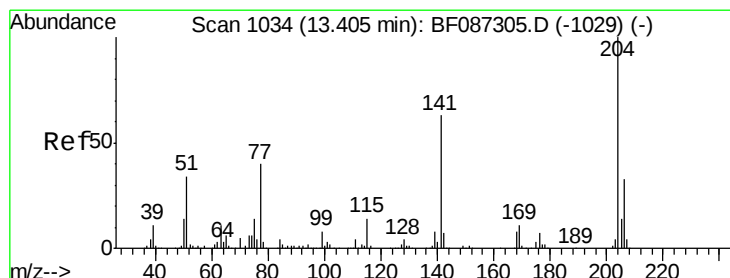
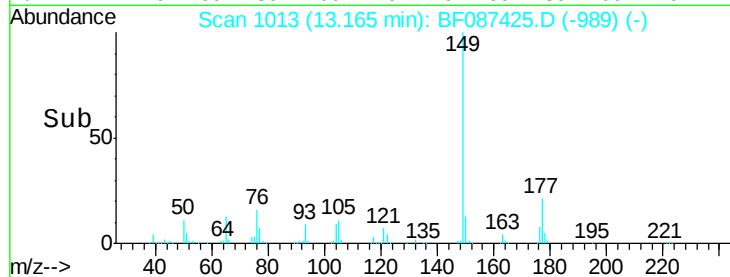
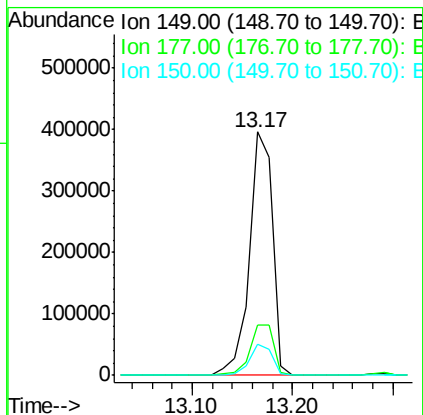
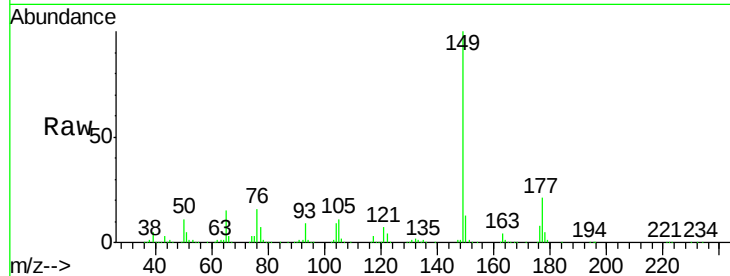




#59
Diethylphthalate
Concen: 37.19 ng
RT: 13.17 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

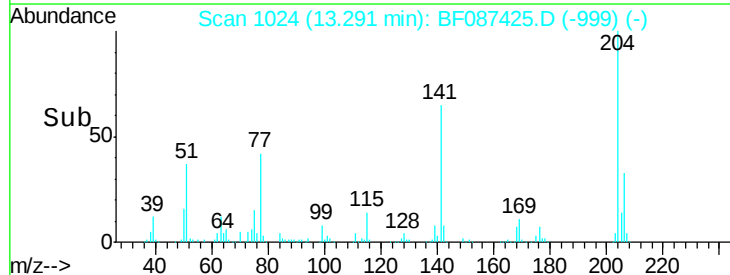
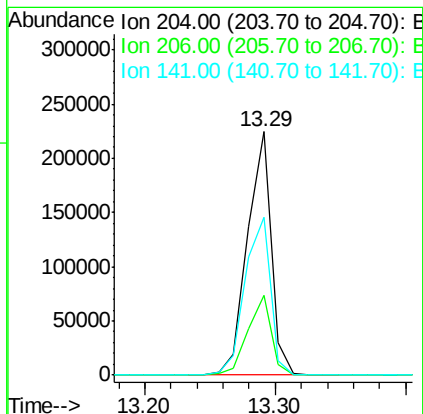
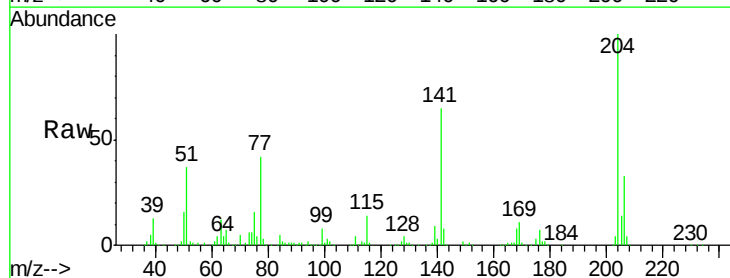
Instrument :
BNA_F
ClientSampleId :
PB90866BS

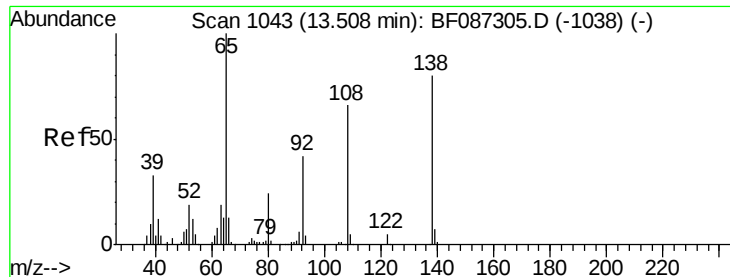
Tgt Ion:149 Resp: 630627
Ion Ratio Lower Upper
149 100
177 20.6 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 36.44 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:204 Resp: 284695
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 65.0 61.6 92.4

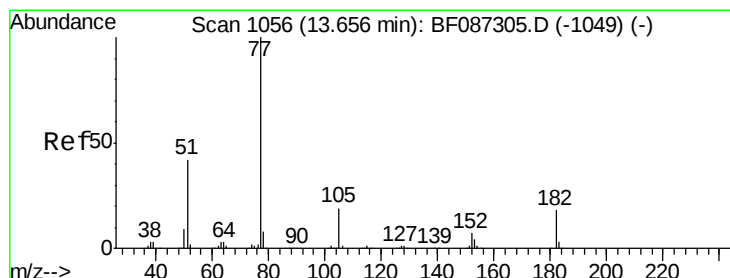
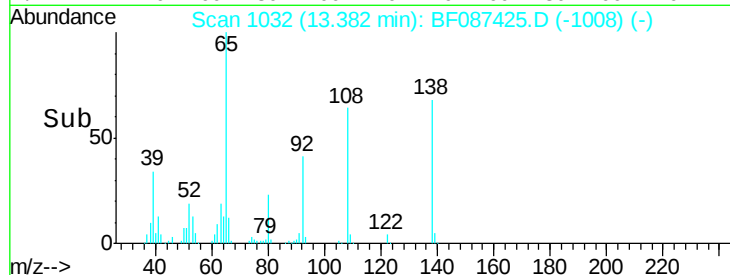
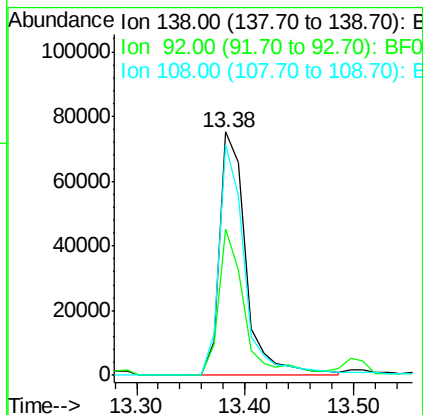
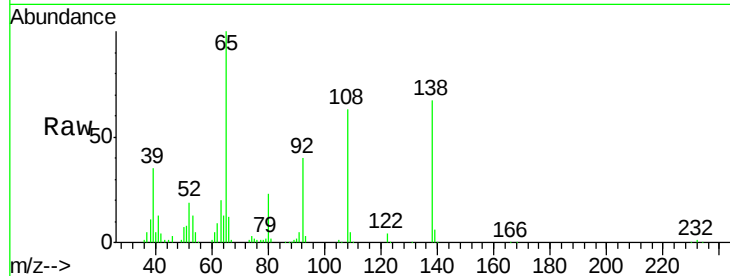




#61
4-Nitroaniline
Concen: 37.69 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

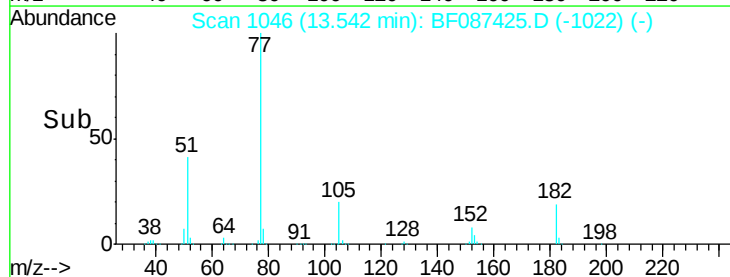
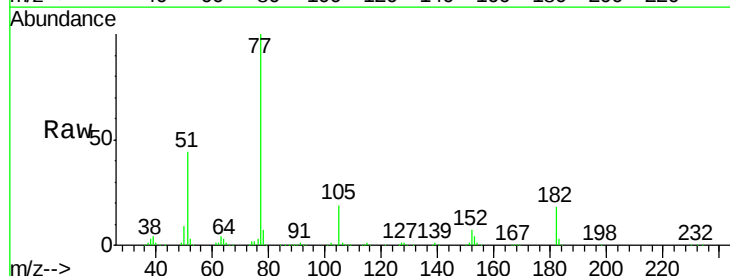
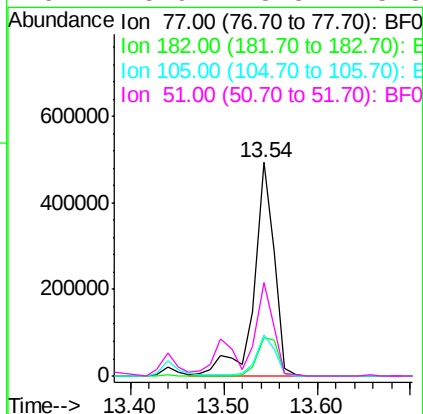
Instrument :
BNA_F
ClientSampleId :
PB90866BS

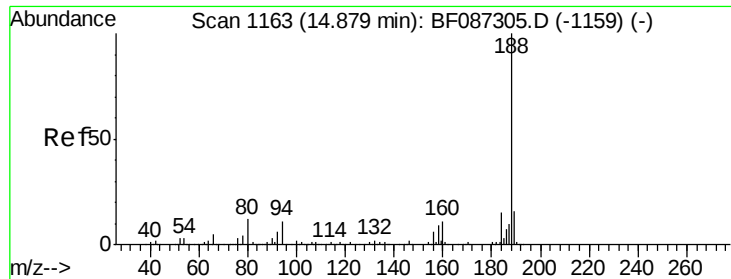
Tgt Ion: 138 Resp: 126887
Ion Ratio Lower Upper
138 100
92 60.2 24.7 64.7
108 94.9 37.4 77.4#



#62
Azobenzene
Concen: 42.06 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion: 77 Resp: 739795
Ion Ratio Lower Upper
77 100
182 18.0 0.0 38.8
105 19.3 3.2 43.2
51 43.9 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

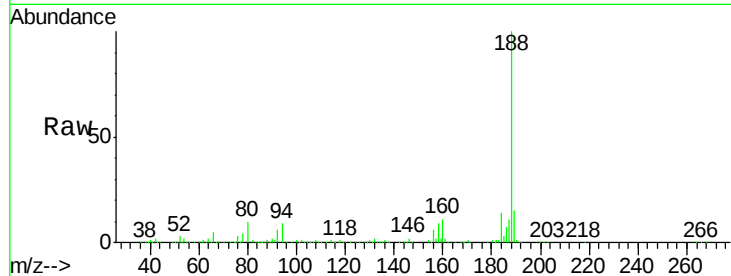
Tgt Ion:188 Resp: 427587

Ion Ratio Lower Upper

188 100

94 9.5 6.8 10.2

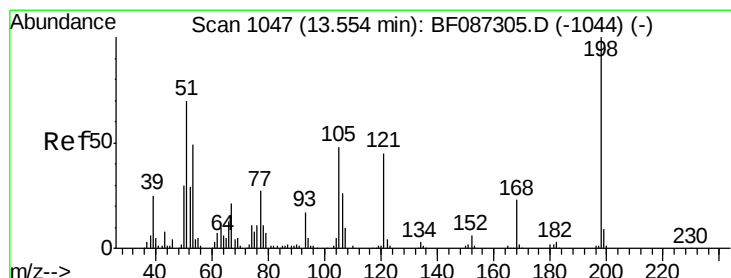
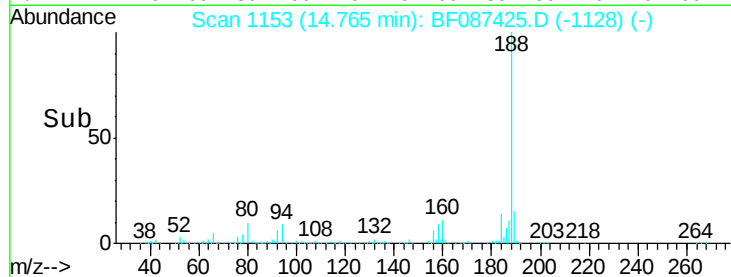
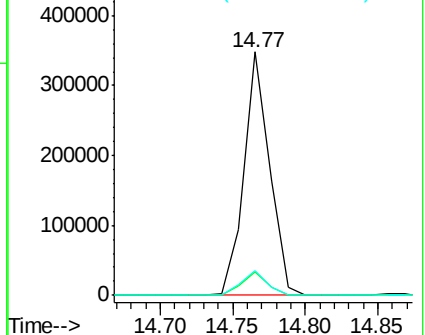
80 10.4 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.57 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

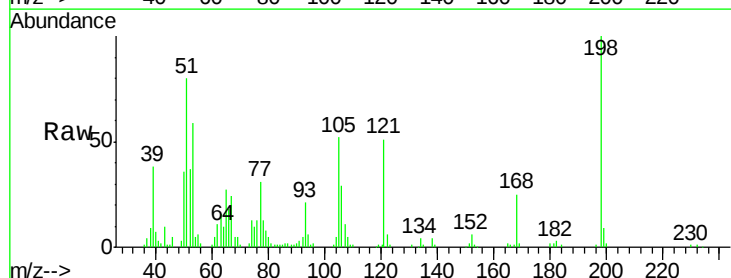
Tgt Ion:198 Resp: 96718

Ion Ratio Lower Upper

198 100

51 80.2 20.5 60.5#

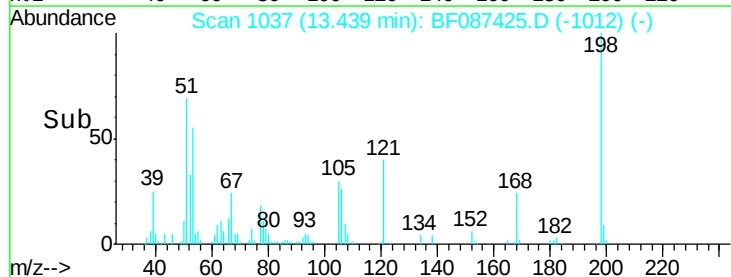
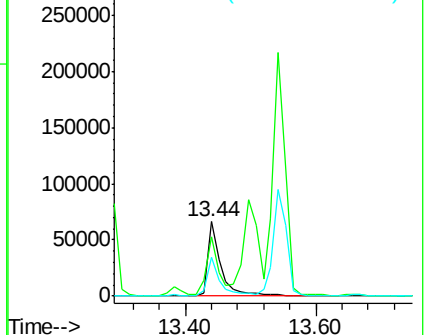
105 51.8 24.5 64.5



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: 37.83 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

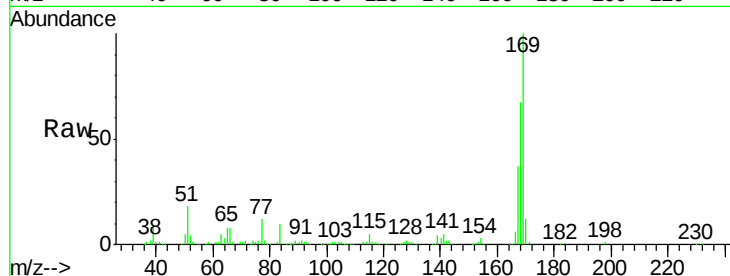
Tgt Ion:169 Resp: 523140

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

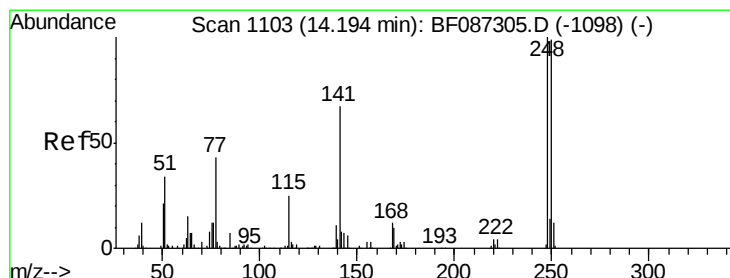
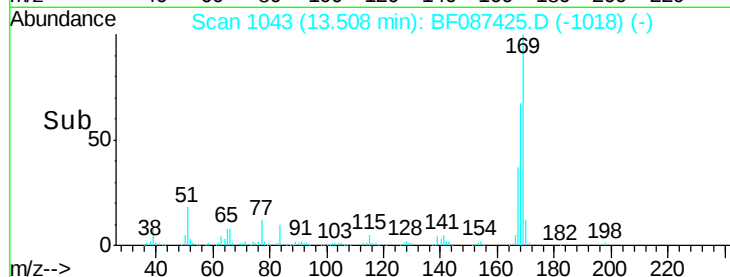
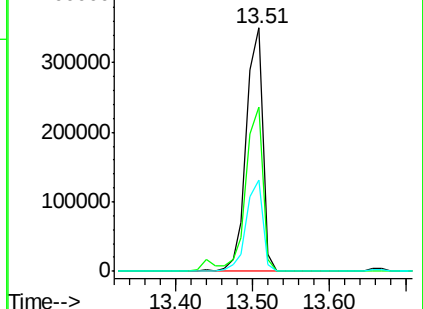
167 37.3 29.5 44.3



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: 34.69 ng

RT: 14.07 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

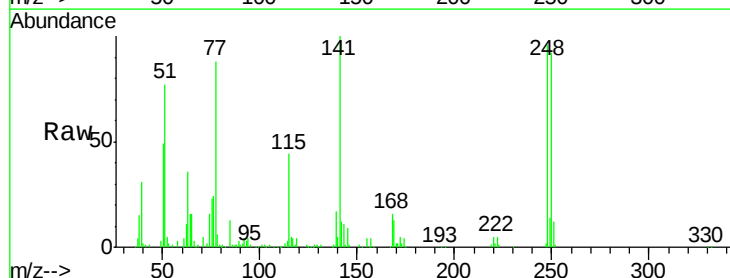
Tgt Ion:248 Resp: 162288

Ion Ratio Lower Upper

248 100

250 95.6 78.6 117.8

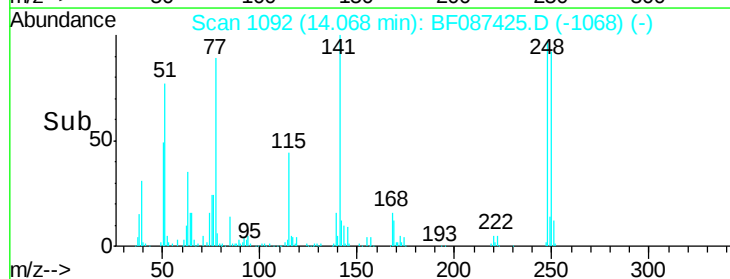
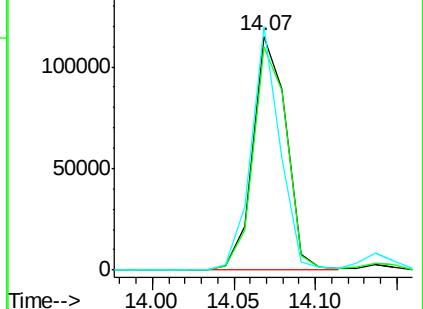
141 104.2 76.0 114.0

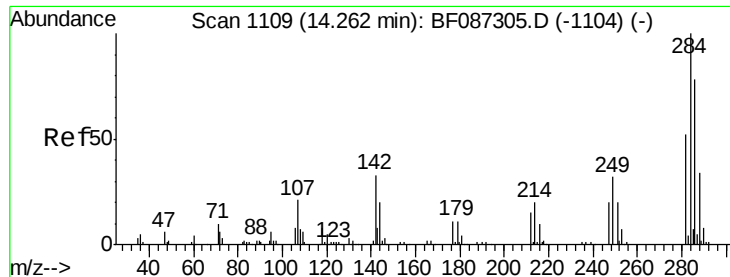


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

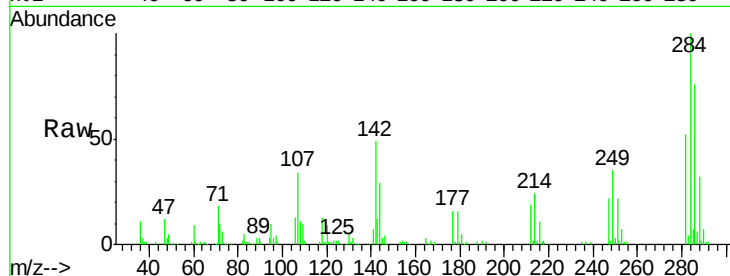




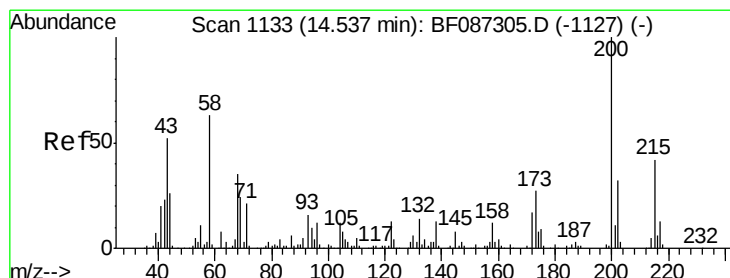
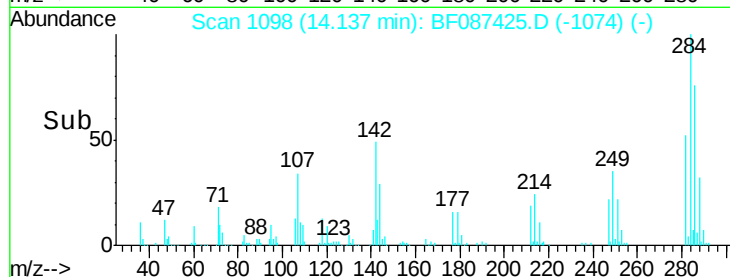
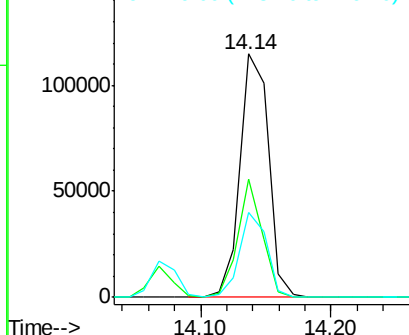
#67
Hexachlorobenzene
Concen: 35.48 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Instrument :
BNA_F
ClientSampled :
PB90866BS

Tgt Ion: 284 Resp: 173580
Ion Ratio Lower Upper
284 100
142 48.8 16.7 25.1#
249 35.1 21.3 31.9#

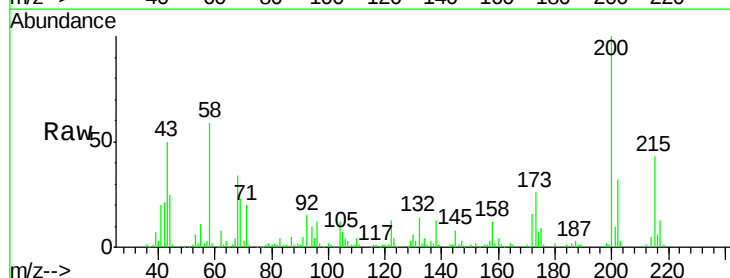


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

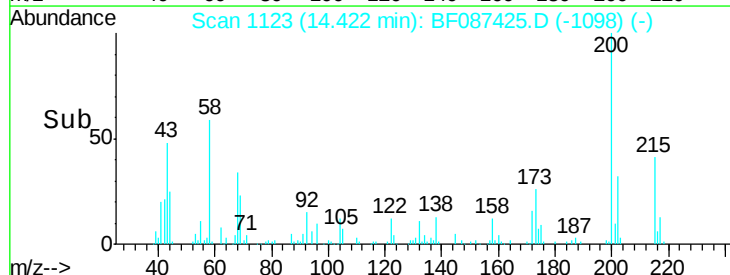
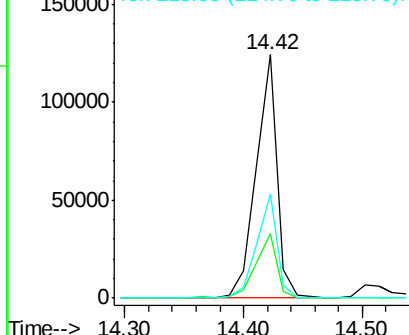


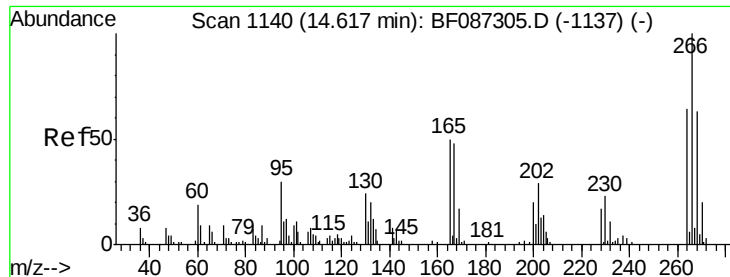
#68
Atrazine
Concen: 35.06 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion: 200 Resp: 154538
Ion Ratio Lower Upper
200 100
173 26.4 8.5 48.5
215 42.9 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

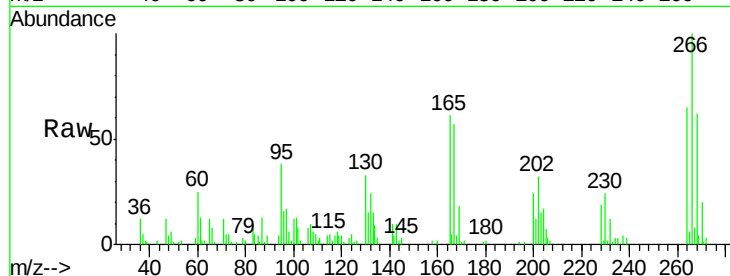




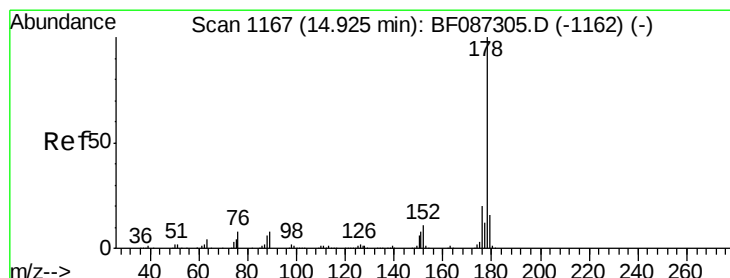
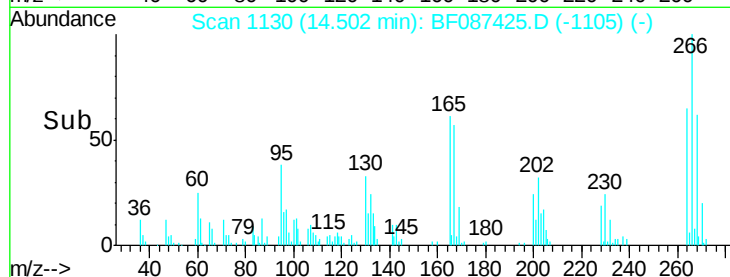
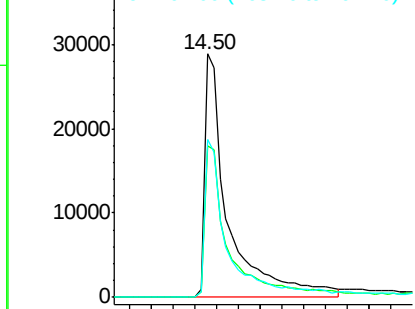
#69
 Pentachlorophenol
 Concen: 58.79 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

Tgt Ion: 266 Resp: 86692
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.5 77.3
 264 65.0 52.9 79.3

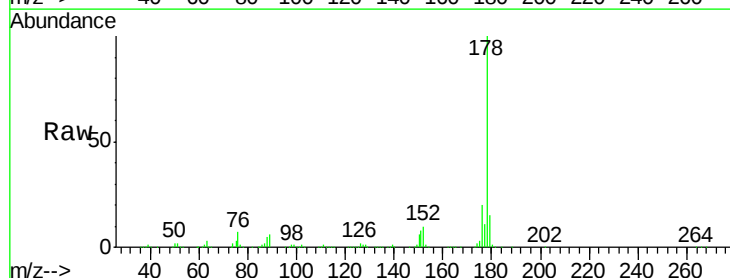


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

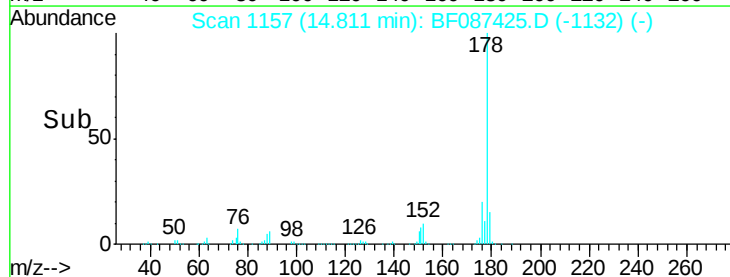
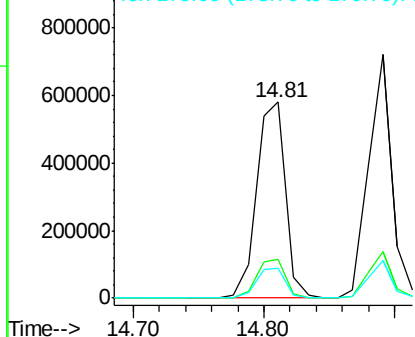


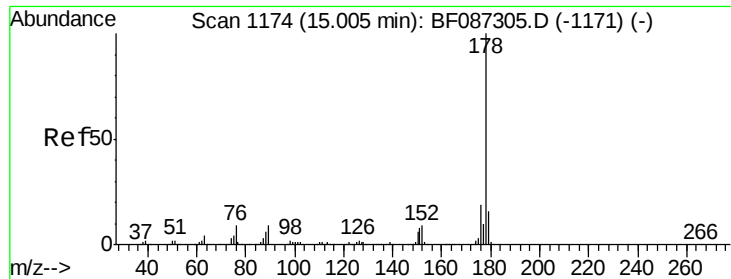
#70
 Phenanthrene
 Concen: 37.60 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion: 178 Resp: 890633
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.1 12.6 18.8



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

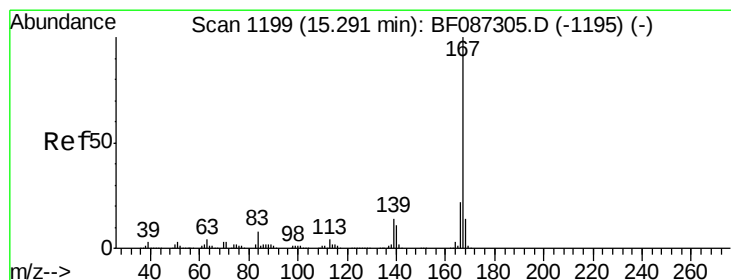
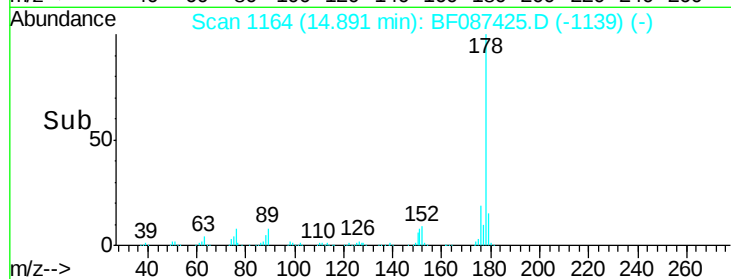
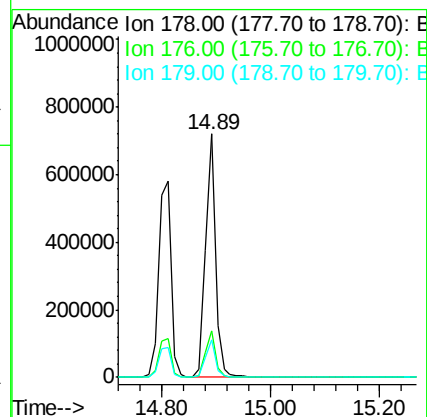
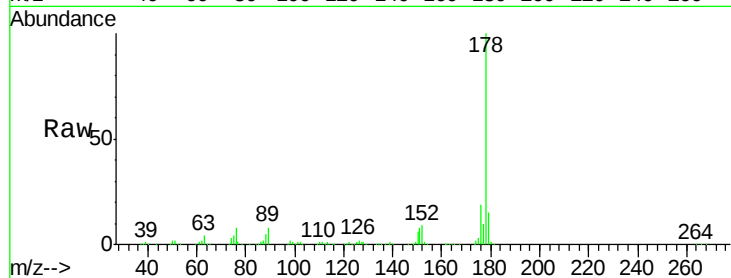




#71
 Anthracene
 Concen: 38.21 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

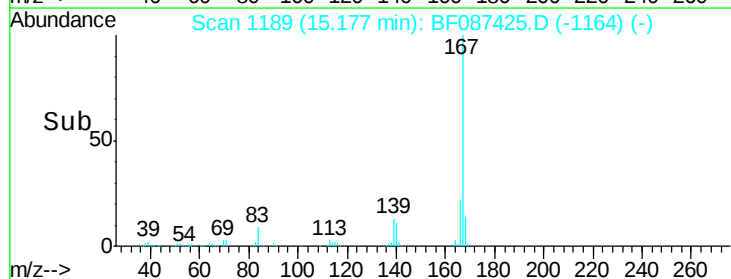
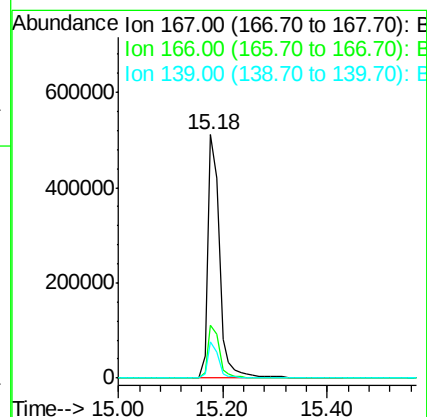
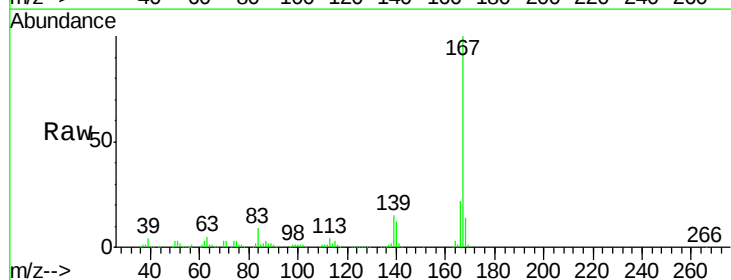
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

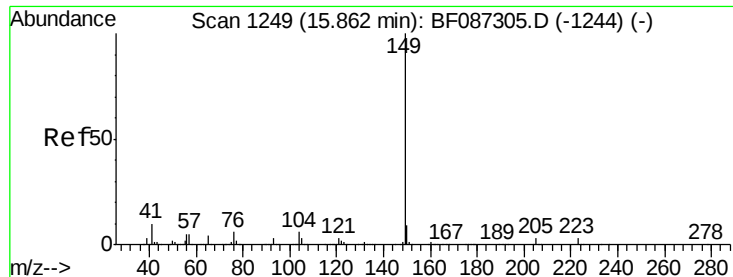
Tgt Ion:178 Resp: 914337
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.13 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:167 Resp: 798614
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 36.86 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

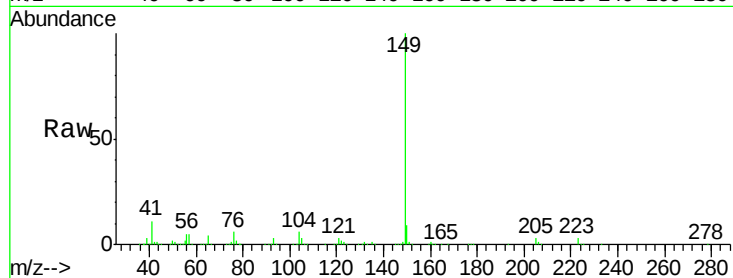
Tgt Ion:149 Resp: 972881

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

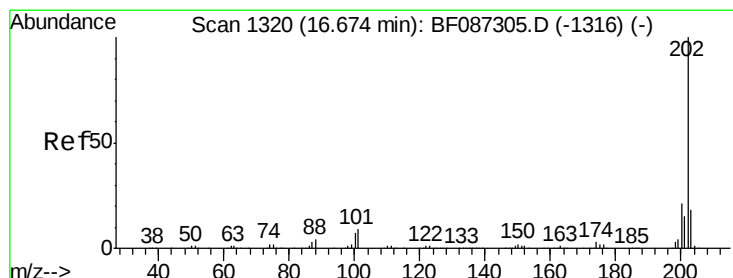
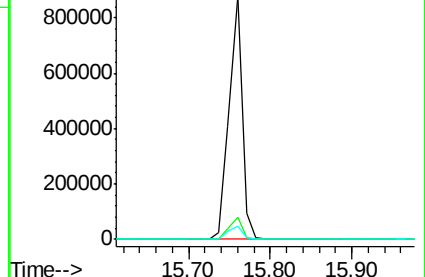
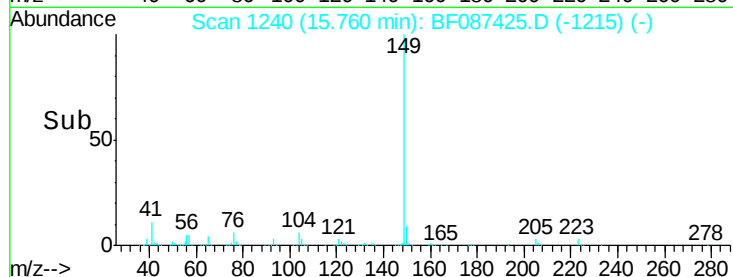
104 5.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.87 ng

RT: 16.56 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

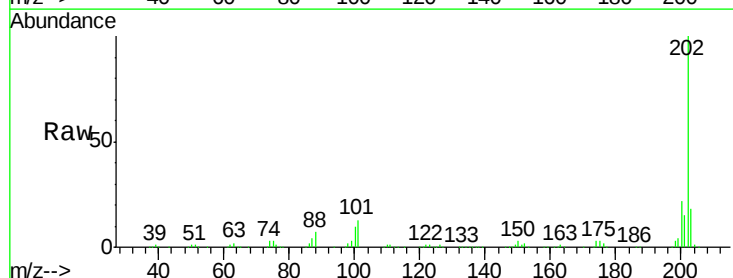
Tgt Ion:202 Resp: 899322

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.4

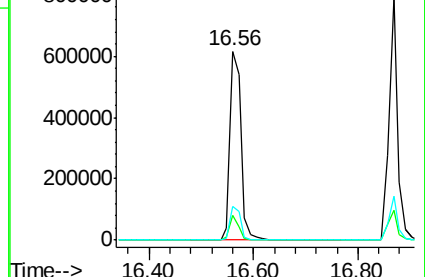
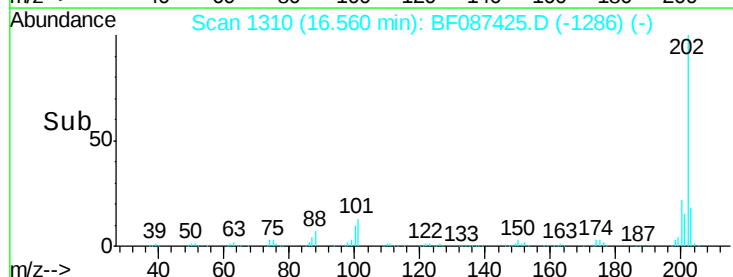
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

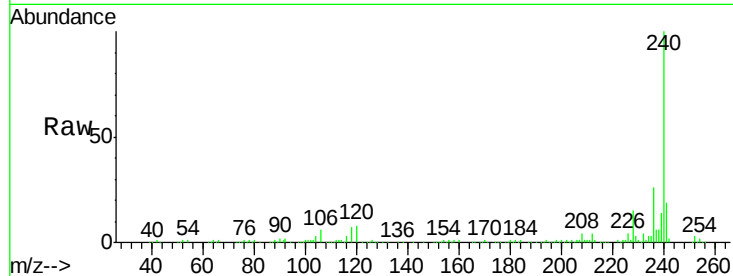
Tgt Ion:240 Resp: 325276

Ion Ratio Lower Upper

240 100

120 8.1 11.2 16.8#

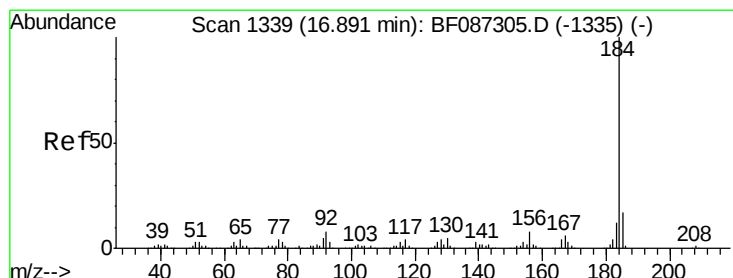
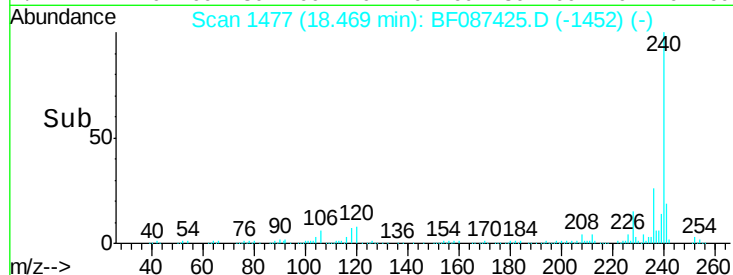
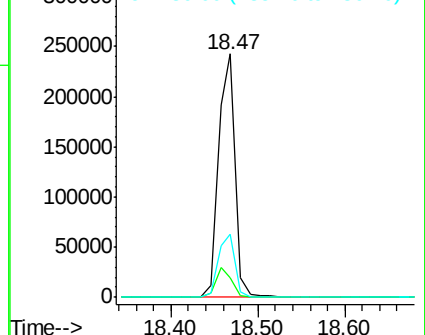
236 26.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.03 ng

RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

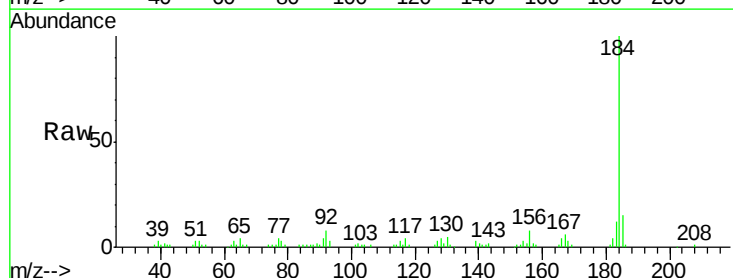
Tgt Ion:184 Resp: 134192

Ion Ratio Lower Upper

184 100

185 15.2 13.6 20.4

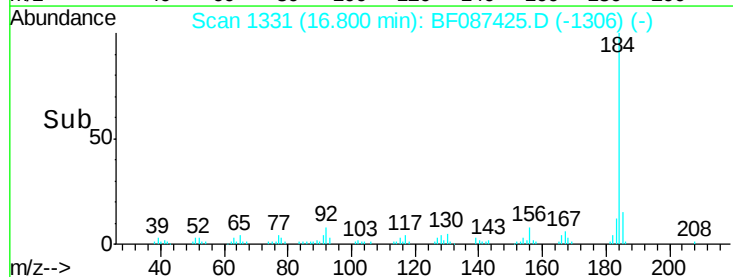
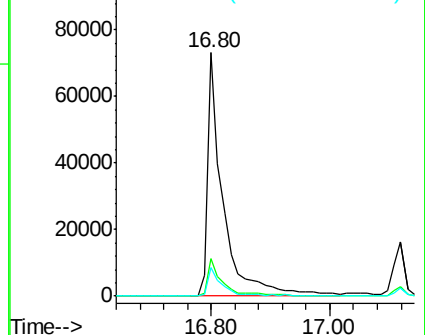
183 11.8 9.8 14.6



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

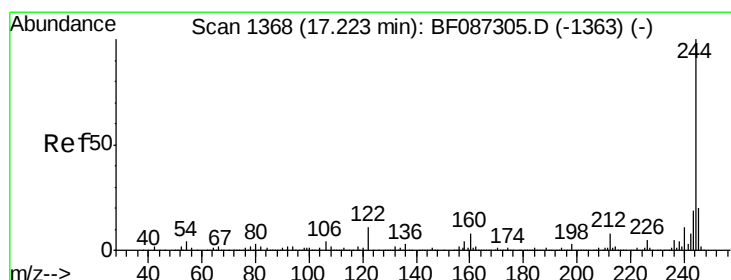
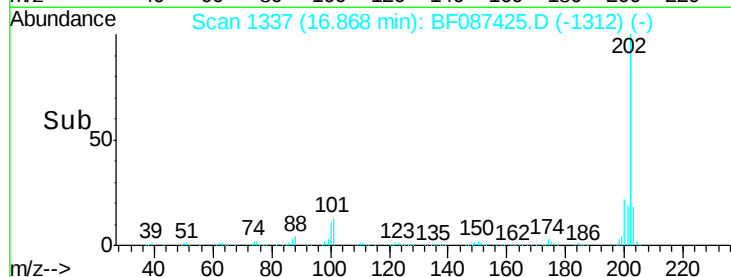
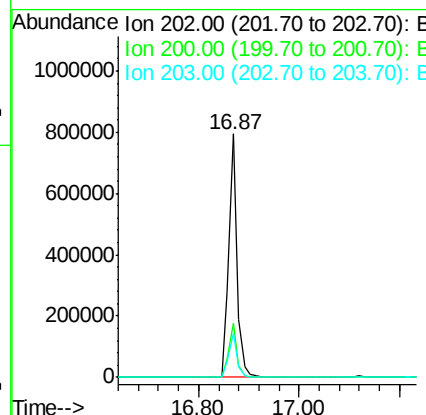
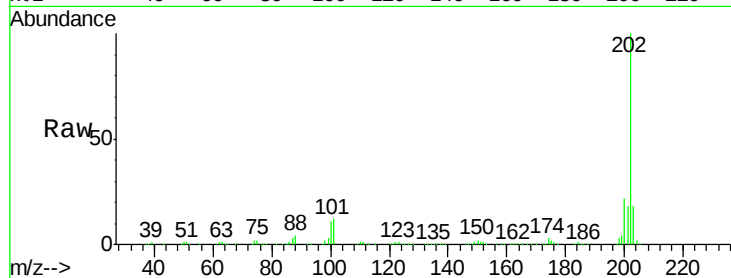




#77
 Pyrene
 Concen: 38.77 ng
 RT: 16.87 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

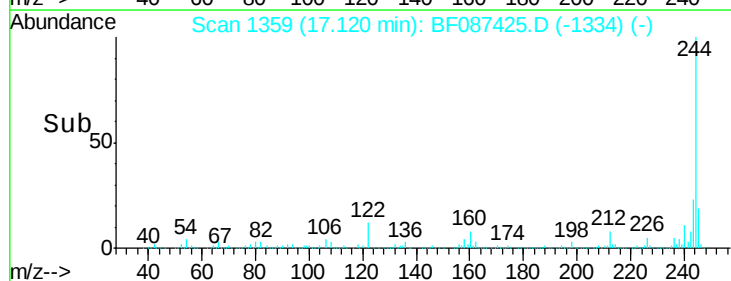
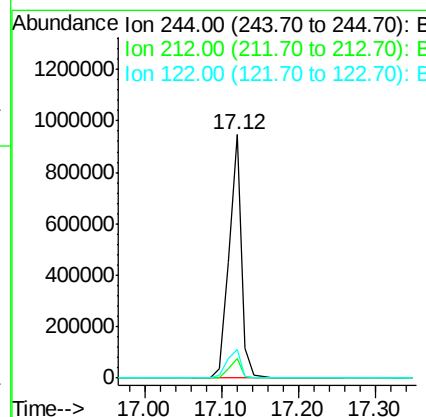
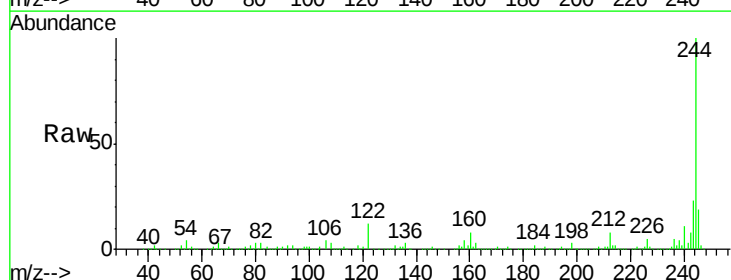
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

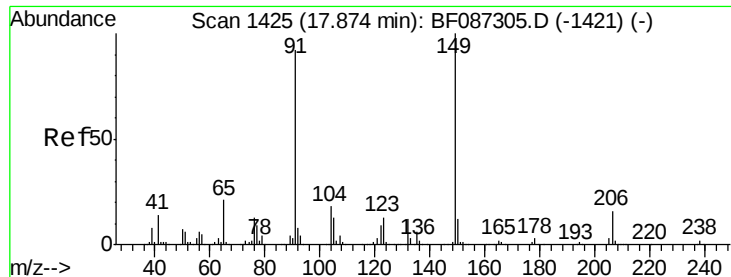
Tgt Ion: 202 Resp: 907821
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 18.0 14.2 21.4



#78
 Terphenyl-d14
 Concen: 70.58 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion: 244 Resp: 1079942
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 11.7 12.0 18.0#

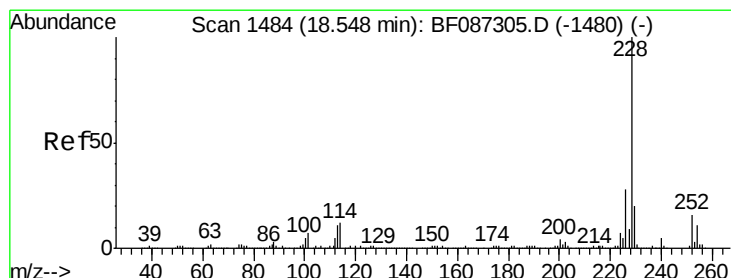
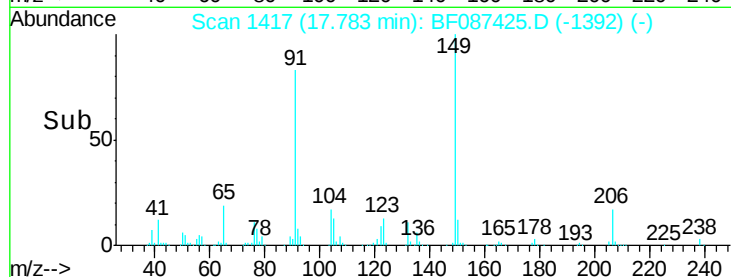
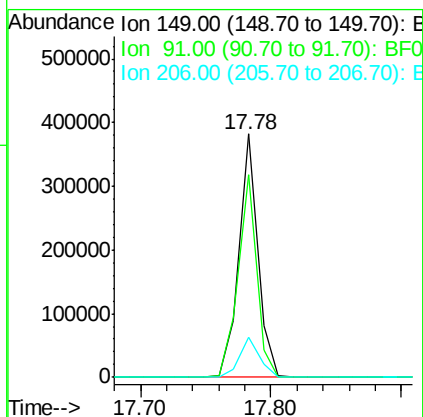
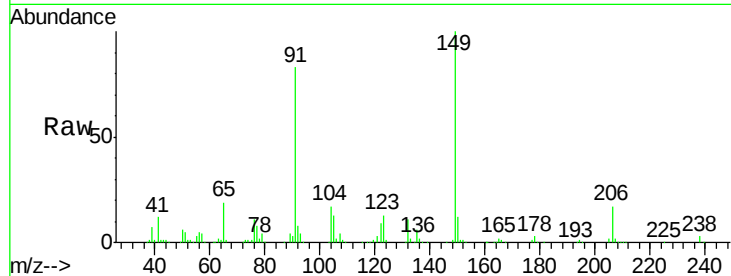




#79
Butylbenzylphthalate
Concen: 36.92 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

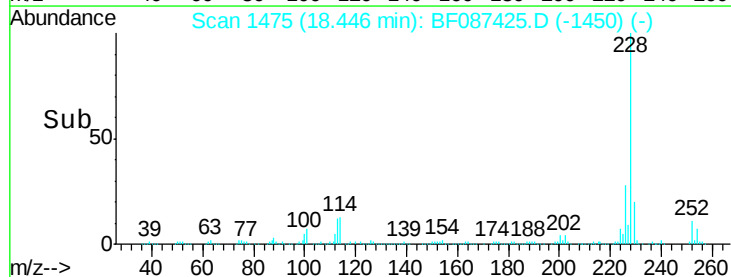
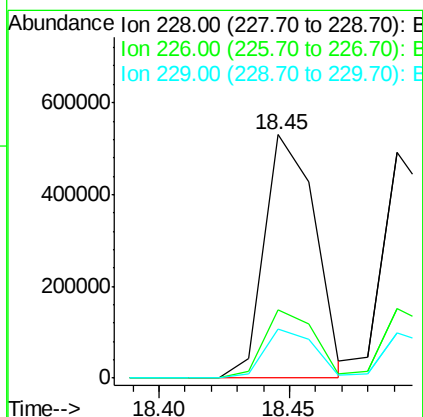
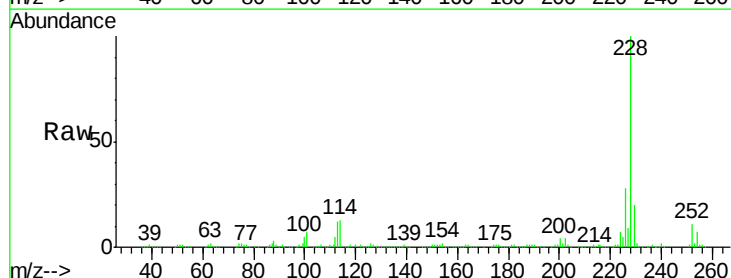
Instrument :
BNA_F
ClientSampleId :
PB90866BS

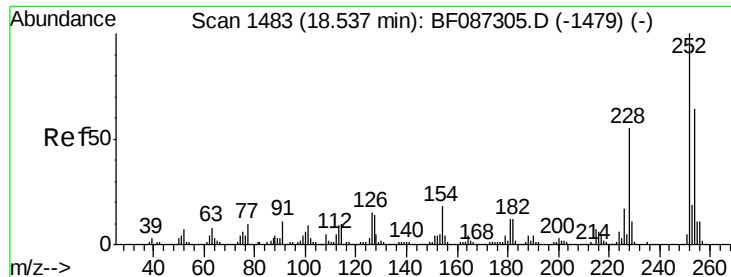
Tgt Ion:149 Resp: 383401
Ion Ratio Lower Upper
149 100
91 83.3 48.0 72.0#
206 16.7 15.8 23.6



#80
Benzo(a)anthracene
Concen: 38.42 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087425.D
Acq: 27 May 2016 00:43

Tgt Ion:228 Resp: 710918
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.3 16.6 25.0

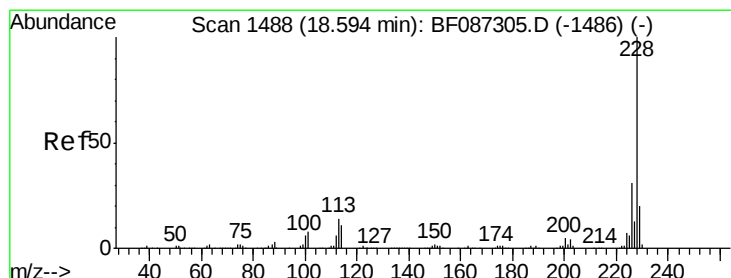
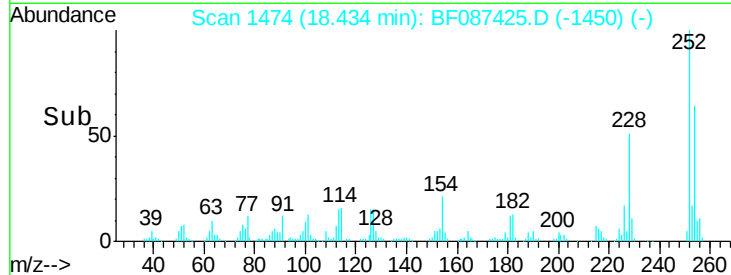
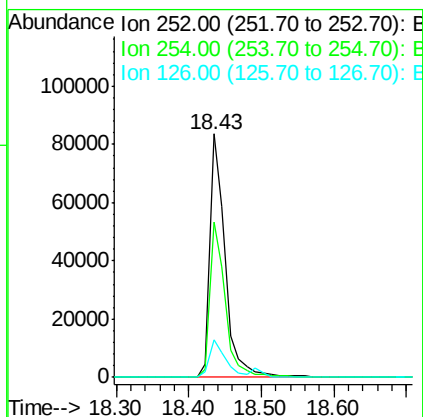
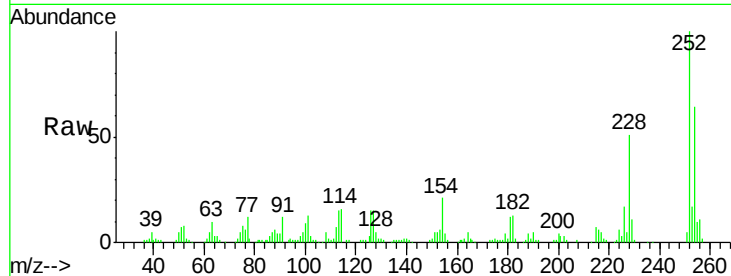




#81
 3,3'-Dichlorobenzidine
 Concen: 11.99 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

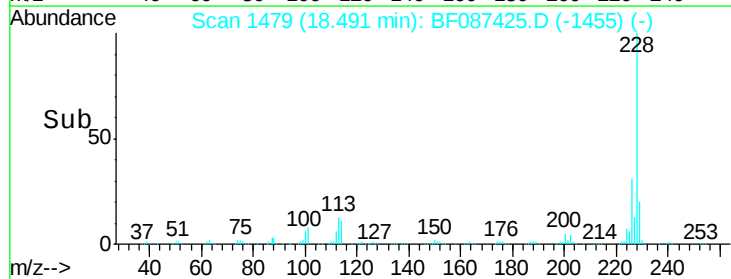
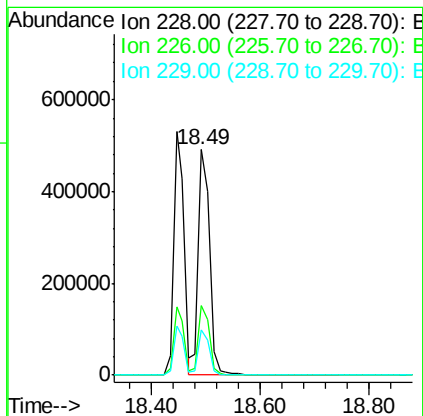
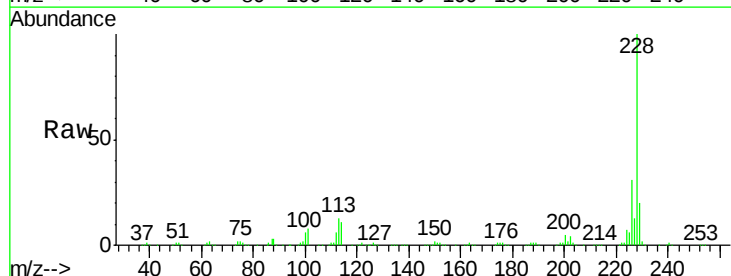
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

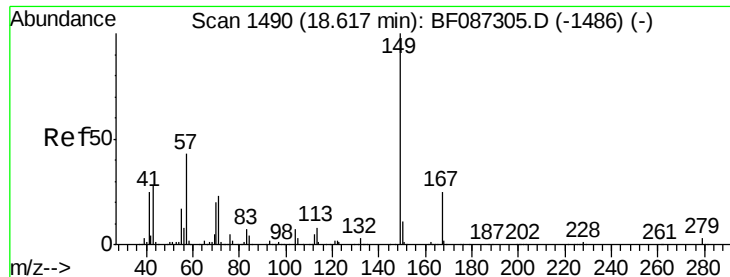
Tgt Ion:252 Resp: 122592
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 15.4 12.7 19.1



#82
 Chrysene
 Concen: 38.07 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:228 Resp: 699085
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 19.8 15.8 23.8

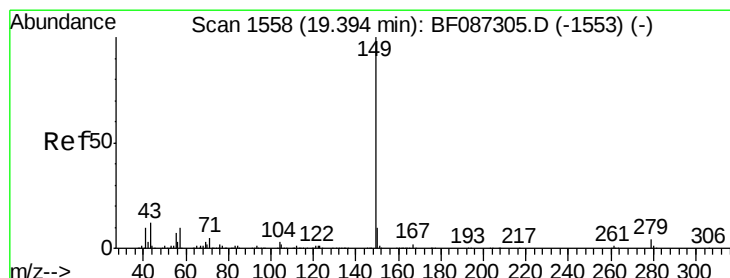
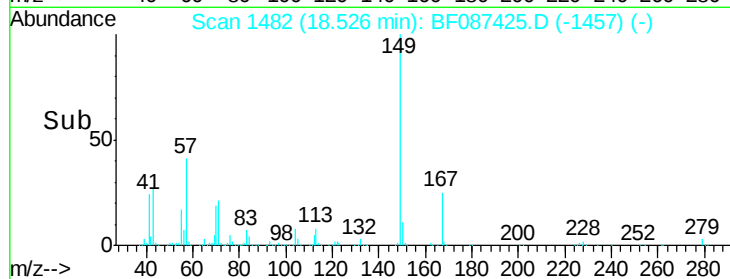
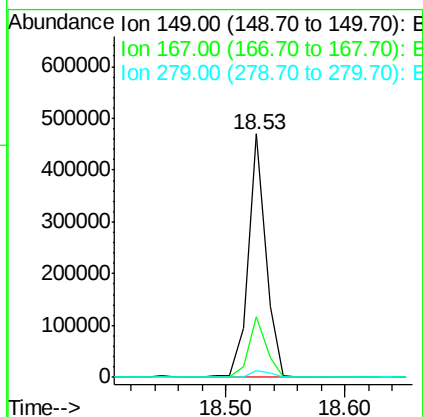
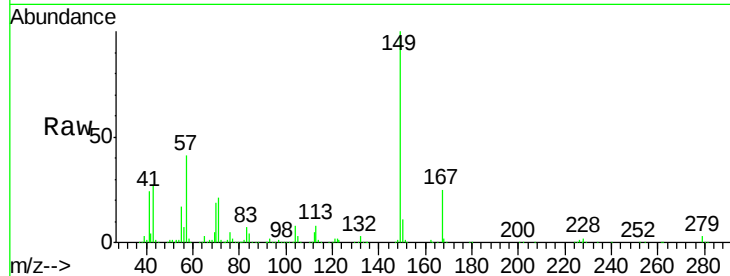




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.28 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

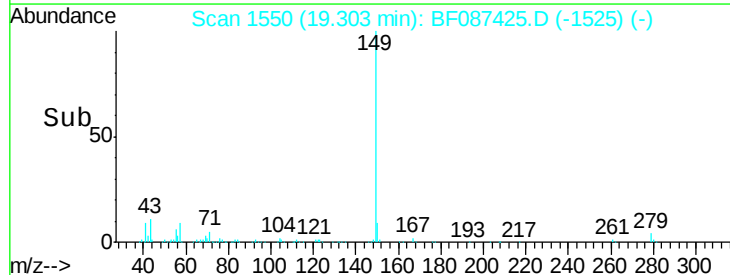
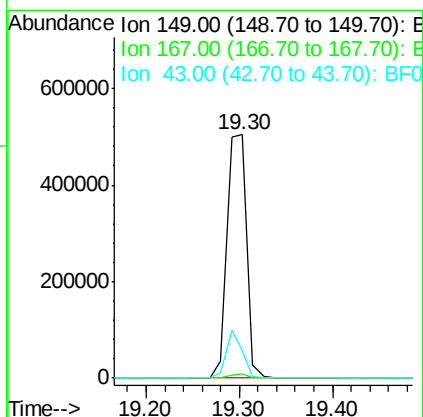
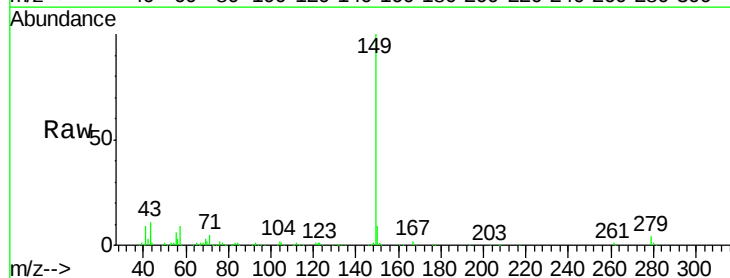
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

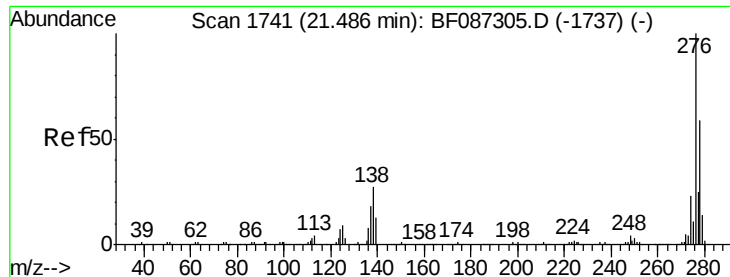
Tgt Ion:149 Resp: 489029
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.8 32.6
 279 2.7 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 31.83 ng
 RT: 19.30 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion:149 Resp: 735424
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.1 8.2 12.4#

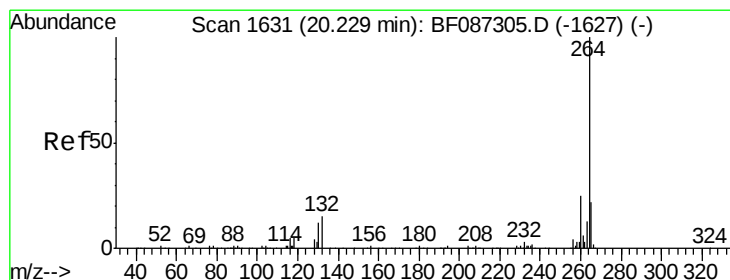
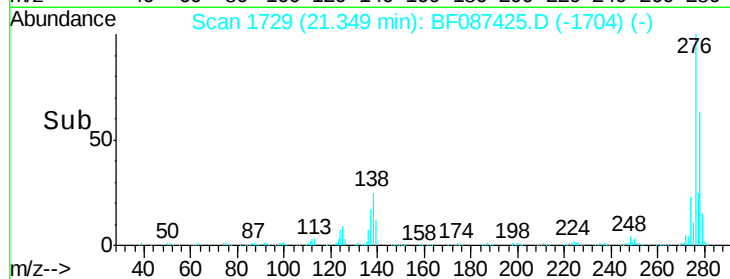
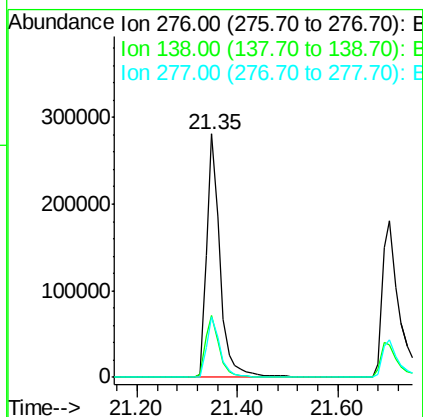
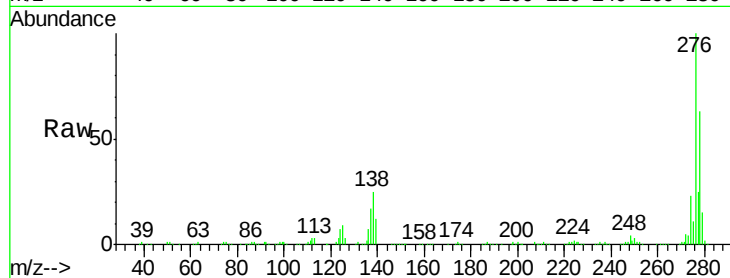




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.22 ng
 RT: 21.35 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

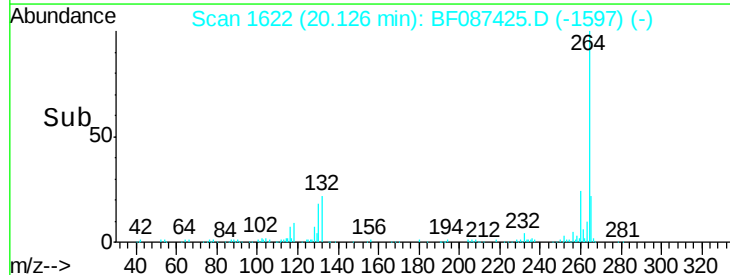
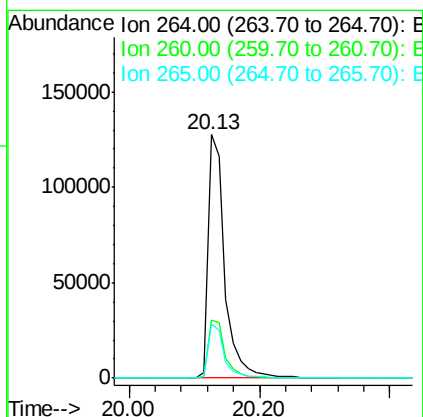
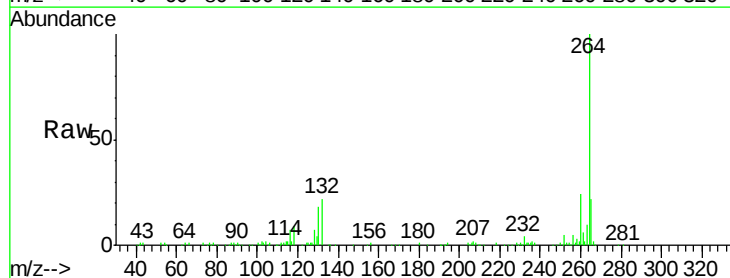
Instrument :
 BNA_F
 ClientSampleId :
 PB90866BS

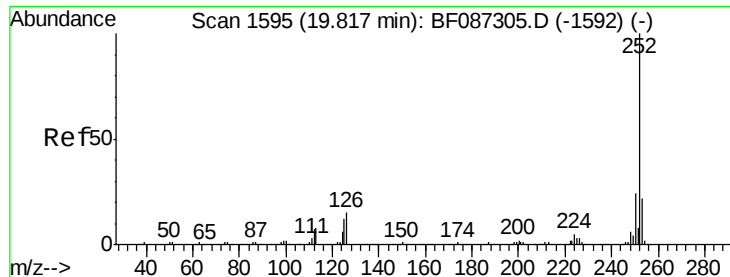
Tgt Ion: 276 Resp: 518436
 Ion Ratio Lower Upper
 276 100
 138 26.5 25.6 38.4
 277 25.3 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087425.D
 Acq: 27 May 2016 00:43

Tgt Ion: 264 Resp: 226269
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 38.98 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

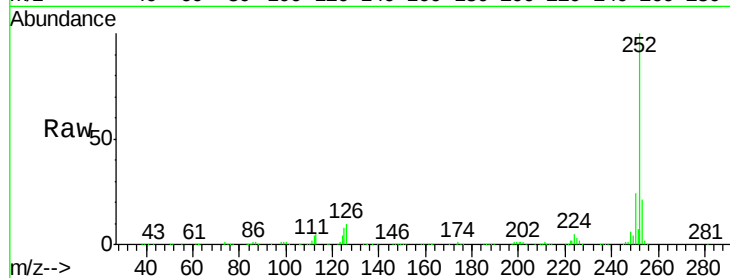
Tgt Ion:252 Resp: 561883

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

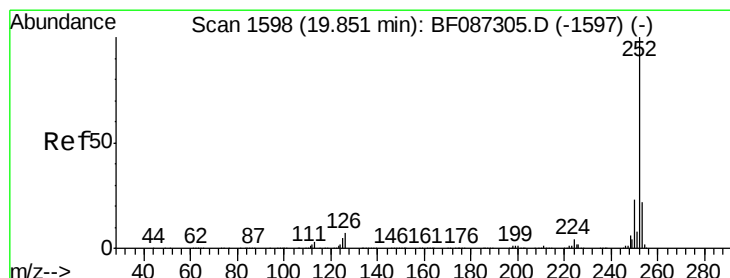
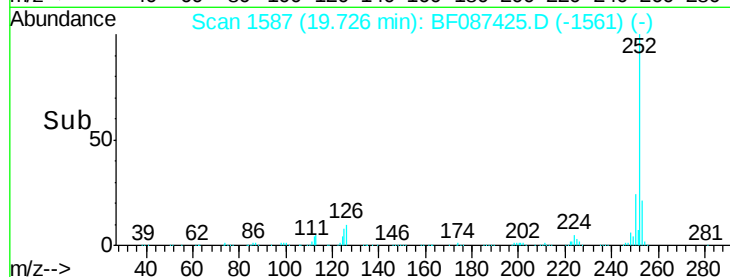
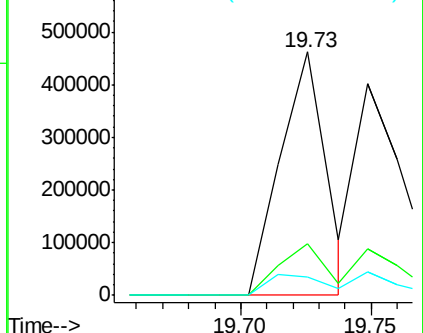
125 7.8 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.29 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.03 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

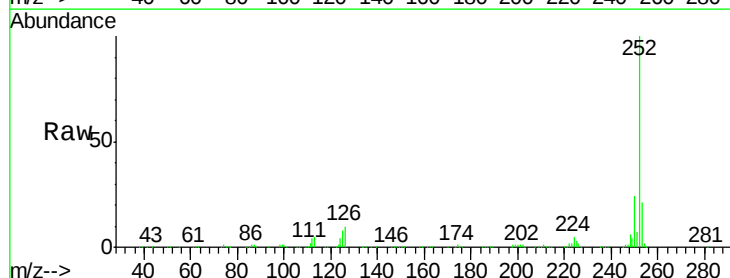
Tgt Ion:252 Resp: 561883

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

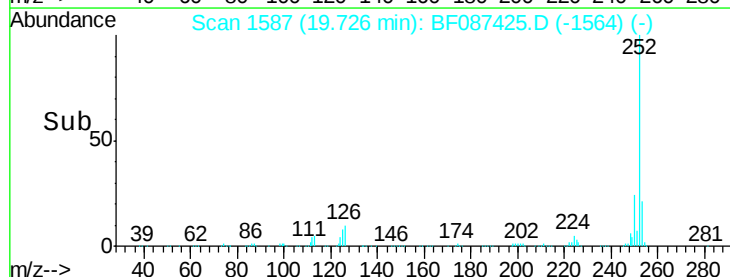
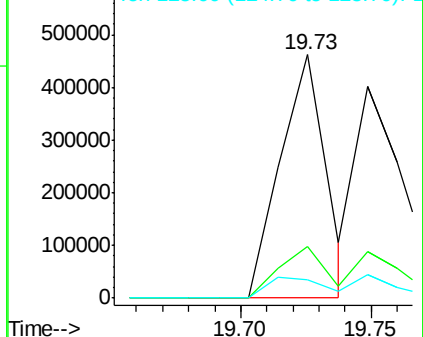
125 7.8 9.1 13.7#

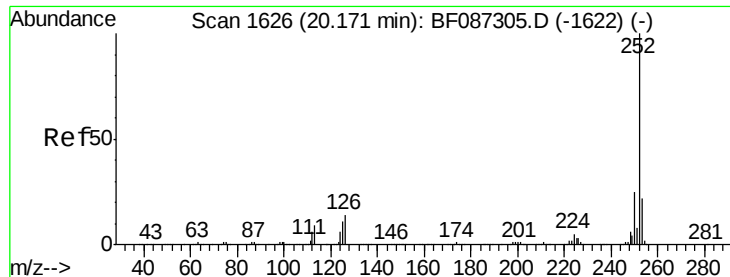


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.32 ng

RT: 20.07 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

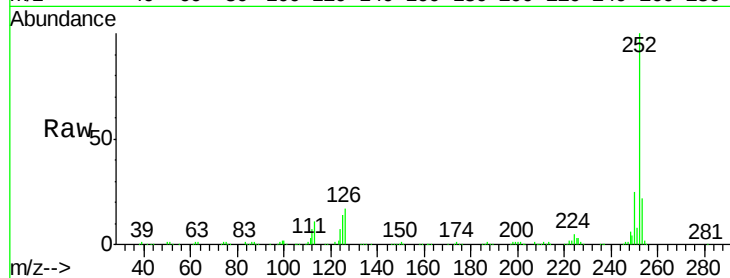
Tgt Ion:252 Resp: 502622

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

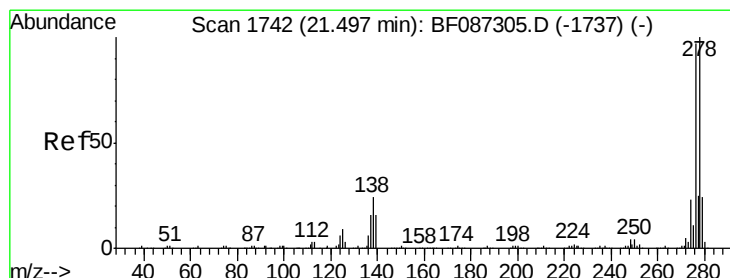
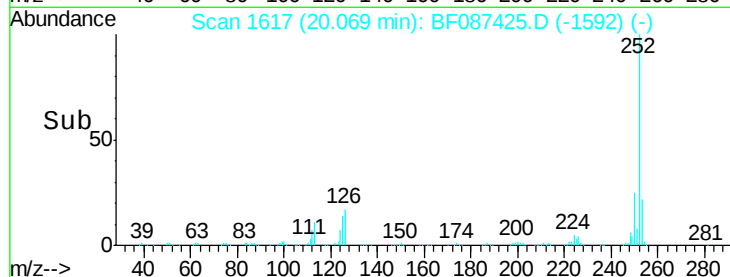
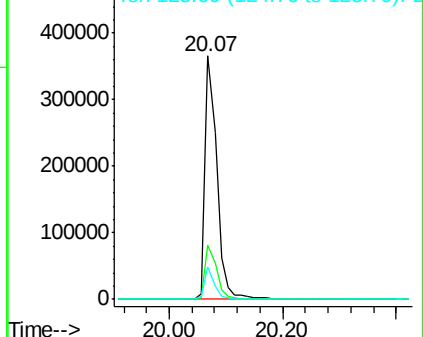
125 13.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.82 ng

RT: 21.36 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

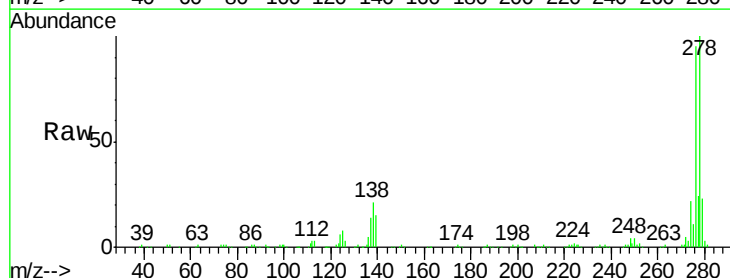
Tgt Ion:278 Resp: 434047

Ion Ratio Lower Upper

278 100

139 15.0 16.6 24.8#

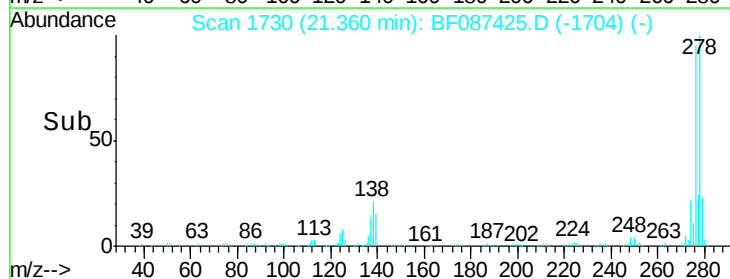
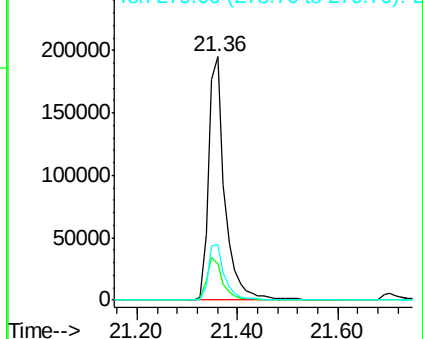
279 22.9 19.6 29.4

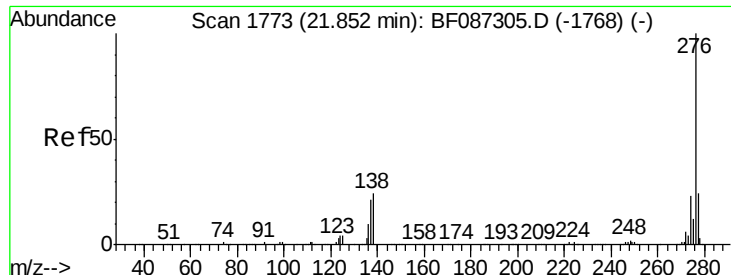


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.29 ng

RT: 21.70 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF087425.D

Acq: 27 May 2016 00:43

Instrument :

BNA_F

ClientSampleId :

PB90866BS

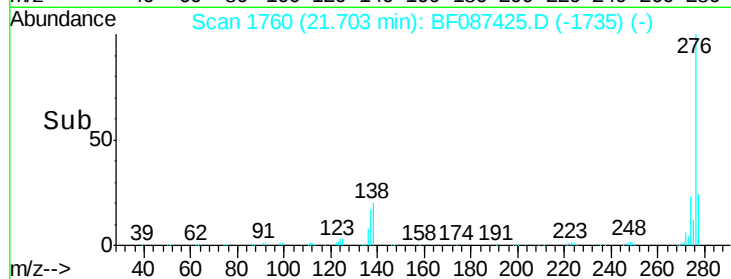
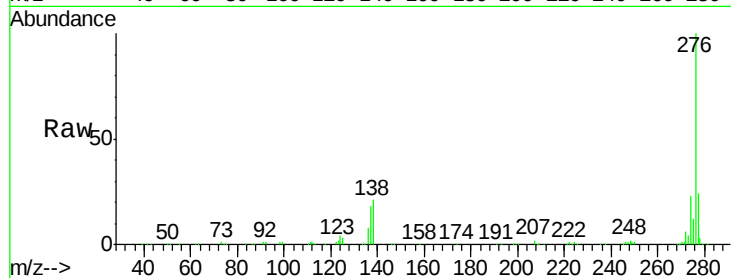
Tgt Ion: 276 Resp: 433101

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 20.7 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

