

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087625.D
 Acq On : 1 Jun 2016 19:43
 Operator : UM/SJ
 Sample : PB91016BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

Quant Time: Jun 02 02:02:20 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	7.42	152	103254	20.00	ng	-0.10
21) Naphthalene-d8	9.45	136	426048	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	202196	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	394095	20.00	ng	-0.09
75) Chrysene-d12	18.40	240	320109	20.00	ng	-0.08
86) Perylene-d12	20.09	264	227088	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	799200	136.01	ng	-0.08
7) Phenol-d6	6.99	99	990578	124.76	ng	-0.08
23) Nitrobenzene-d5	8.34	82	692023	81.86	ng	-0.10
41) 2,4,6-Tribromophenol	13.58	330	249250	128.28	ng	-0.10
44) 2-Fluorobiphenyl	11.22	172	1169908	81.57	ng	-0.11
78) Terphenyl-d14	17.04	244	1103181	73.27	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	1.83	88	93745	30.23	ng	# 47
3) Pyridine	2.40	79	253184	37.35	ng	# 64
4) n-Nitrosodimethylamine	2.38	42	192653	36.89	ng	# 47
6) Aniline	6.94	93	279043	27.17	ng	92
8) 2-Chlorophenol	7.11	128	303336	41.39	ng	92
9) Benzaldehyde	6.83	77	22062	5.03	ng	98
10) Phenol	7.00	94	373955	43.13	ng	# 67
11) bis(2-Chloroethyl)ether	7.06	93	282305	40.23	ng	84
12) 1,3-Dichlorobenzene	7.31	146	298730	37.37	ng	# 92
13) 1,4-Dichlorobenzene	7.44	146	321392	39.17	ng	# 92
14) 1,2-Dichlorobenzene	7.68	146	302303	39.83	ng	99
15) Benzyl Alcohol	7.74	79	277815	47.99	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.92	45	567140	35.92	ng	87
17) 2-Methylphenol	7.95	107	237775	40.49	ng	# 89
18) Hexachloroethane	8.18	117	122898	40.15	ng	99
19) n-Nitroso-di-n-propylamine	8.15	70	242889	41.02	ng	# 73
20) 3+4-Methylphenols	8.23	107	341797	48.14	ng	# 62
22) Acetophenone	8.11	105	418412	41.11	ng	# 97
24) Nitrobenzene	8.38	77	347600	38.95	ng	98
25) Isophorone	8.76	82	605803	39.96	ng	98
26) 2-Nitrophenol	8.88	139	154149	42.26	ng	# 61
27) 2,4-Dimethylphenol	9.03	122	268636	42.43	ng	87
28) bis(2-Chloroethoxy)methane	9.14	93	361277	42.31	ng	98
29) 2,4-Dichlorophenol	9.31	162	244089	42.77	ng	98
30) 1,2,4-Trichlorobenzene	9.38	180	261253	39.99	ng	98
31) Naphthalene	9.48	128	864843	40.51	ng	99
32) Benzoic acid	9.39	122	115375	36.91	ng	# 79
33) 4-Chloroaniline	9.67	127	161083	20.49	ng	# 93
34) Hexachlorobutadiene	9.69	225	153047	38.54	ng	96
35) Caprolactam	10.27	113	39784	23.89	ng	# 58
36) 4-Chloro-3-methylphenol	10.52	107	279938	43.39	ng	96
37) 2-Methylnaphthalene	10.62	142	567137	42.52	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	249269	38.51	ng	99
40) Hexachlorocyclopentadiene	10.86	237	122236	49.93	ng	95

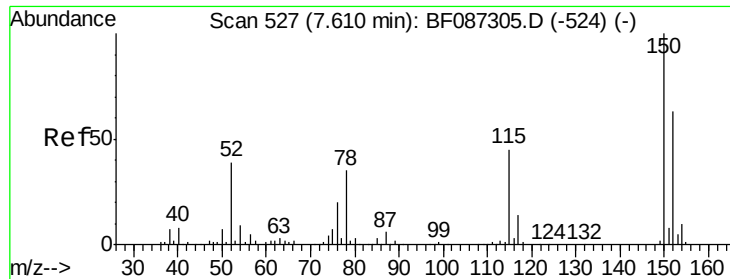
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42) 2,4,6-Trichlorophenol	11.13	196	156056	41.77	ng	97
43) 2,4,5-Trichlorophenol	11.22	196	139726	36.73	ng #	84
45) 1,1'-Biphenyl	11.38	154	712571	41.86	ng	98
46) 2-Chloronaphthalene	11.39	162	521832	40.07	ng	93
47) 2-Nitroaniline	11.63	65	218654	46.60	ng	88
48) Acenaphthylene	12.05	152	824969	40.01	ng	98
49) Dimethylphthalate	11.94	163	653531	40.35	ng	99
50) 2,6-Dinitrotoluene	12.03	165	131607	40.32	ng #	59
51) Acenaphthene	12.33	154	511947	40.40	ng	97
52) 3-Nitroaniline	12.33	138	86376	25.79	ng	89
53) 2,4-Dinitrophenol	12.54	184	108913	66.41	ng #	83
54) Dibenzofuran	12.62	168	769442	44.84	ng	93
55) 4-Nitrophenol	12.62	139	327457	204.94	ng #	16
56) 2,4-Dinitrotoluene	12.71	165	193287	44.31	ng	93
57) Fluorene	13.18	166	618527	41.57	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	135591	46.33	ng	99
59) Diethylphthalate	13.09	149	640087	40.65	ng	99
60) 4-Chlorophenyl-phenylether	13.20	204	285406	39.33	ng	91
61) 4-Nitroaniline	13.33	138	129291	41.36	ng #	67
62) Azobenzene	13.45	77	786520	48.14	ng	84
64) 4,6-Dinitro-2-methylphenol	13.38	198	84744	33.82	ng #	69
65) n-Nitrosodiphenylamine	13.42	169	526832	41.34	ng	99
66) 4-Bromophenyl-phenylether	13.98	248	165760	38.45	ng	94
67) Hexachlorobenzene	14.06	284	178667	39.62	ng #	79
68) Atrazine	14.34	200	171693	42.26	ng	93
69) Pentachlorophenol	14.43	266	90928	66.05	ng	94
70) Phenanthrene	14.72	178	908854	41.63	ng	99
71) Anthracene	14.80	178	914297	41.46	ng	99
72) Carbazole	15.11	167	825930	43.91	ng	99
73) Di-n-butylphthalate	15.67	149	976442	40.14	ng #	98
74) Fluoranthene	16.49	202	924388	42.23	ng	96
76) Benzidine	16.73	184	366843	44.54	ng	96
77) Pyrene	16.80	202	940685	40.82	ng	99
79) Butylbenzylphthalate	17.70	149	394153	38.57	ng #	73
80) Benzo(a)anthracene	18.39	228	773390	42.47	ng	99
81) 3,3'-Dichlorobenzidine	18.38	252	134529	13.37	ng	99
82) Chrysene	18.43	228	736417	40.75	ng	100
83) Bis(2-ethylhexyl)phthalate	18.45	149	538944	36.15	ng	96
84) Di-n-octyl phthalate	19.21	149	894470	39.34	ng #	88
85) Indeno(1,2,3-cd)pyrene	21.29	276	503505	34.76	ng	94
87) Benzo(b)fluoranthene	19.67	252	1186048	81.99	ng #	94
88) Benzo(k)fluoranthene	19.67	252	1186607	95.30	ng #	97
89) Benzo(a)pyrene	20.02	252	526485	42.08	ng	99
90) Dibenzo(a,h)anthracene	21.28	278	426260	39.95	ng #	94
91) Benzo(g,h,i)perylene	21.65	276	407437	38.70	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.10 min

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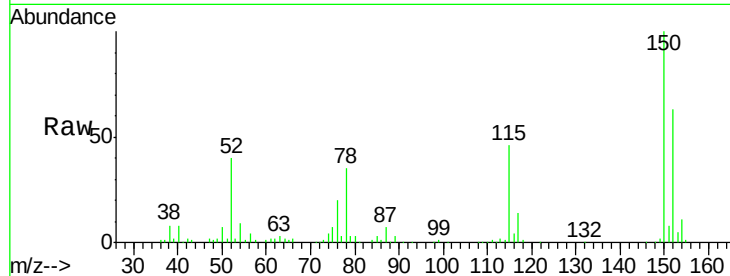
Tgt Ion:152 Resp: 103254

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.6

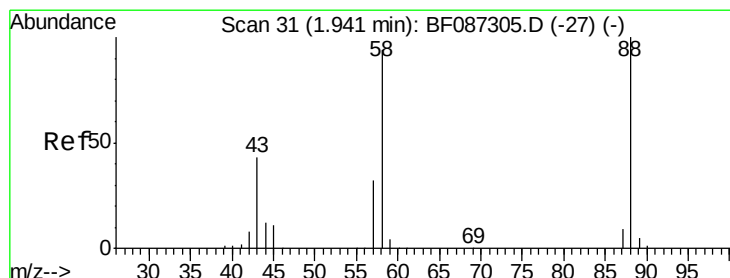
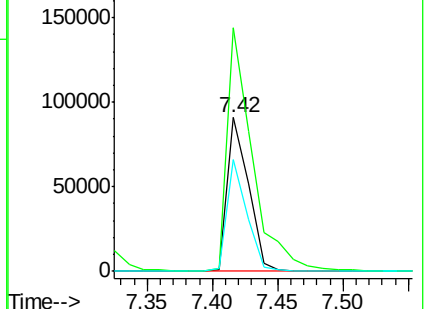
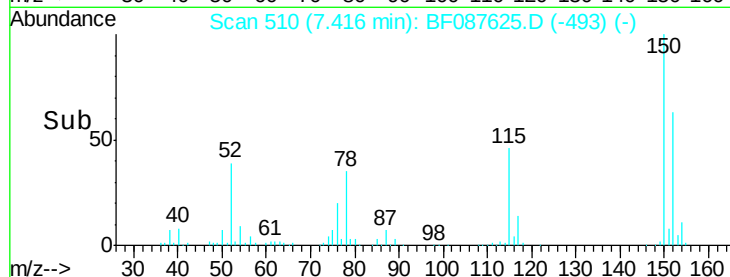
115 72.7 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.23 ng

RT: 1.83 min Scan# 21

Delta R.T. 0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

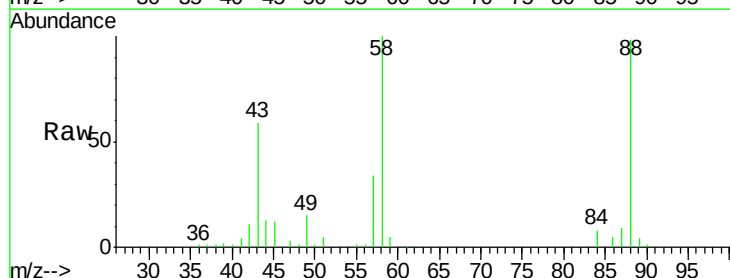
Tgt Ion: 88 Resp: 93745

Ion Ratio Lower Upper

88 100

58 103.9 59.6 89.4#

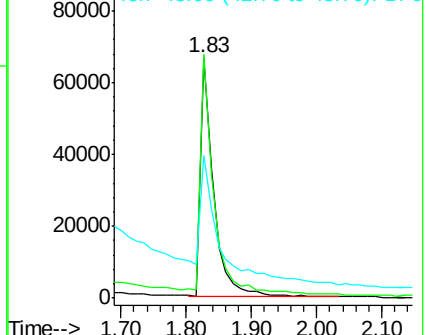
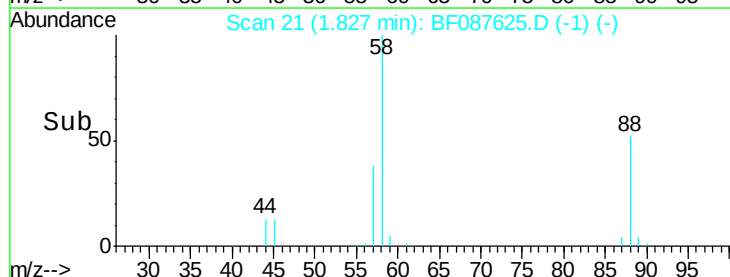
43 81.1 21.8 32.6#

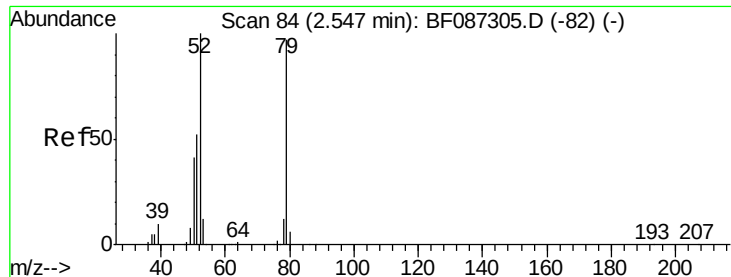


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.35 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

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ClientSampleId :

PB91016BSD

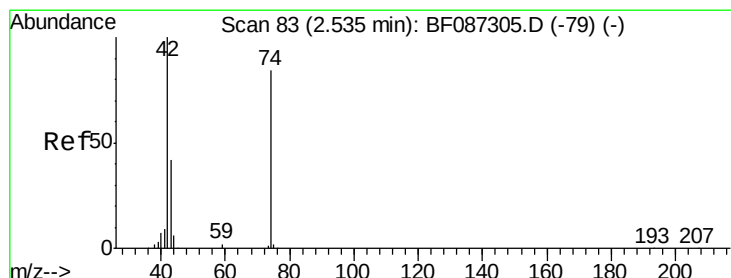
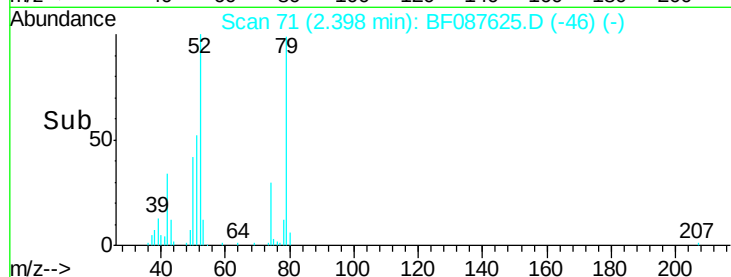
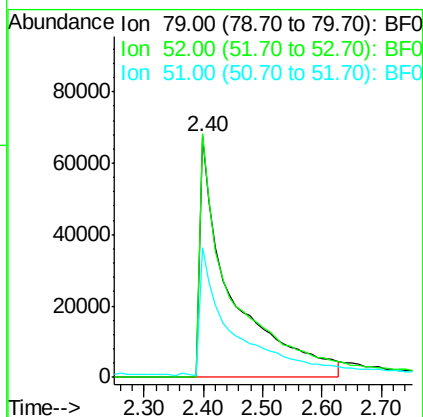
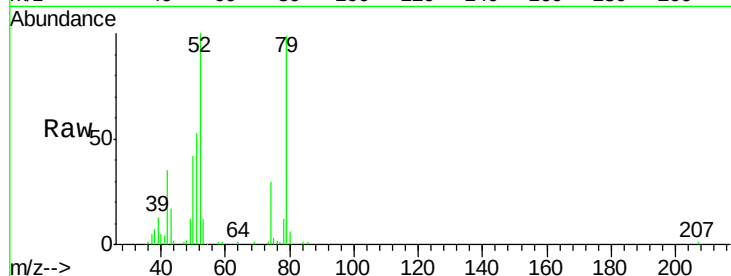
Tgt Ion: 79 Resp: 253184

Ion Ratio Lower Upper

79 100

52 101.3 55.9 83.9#

51 54.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 36.89 ng

RT: 2.38 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

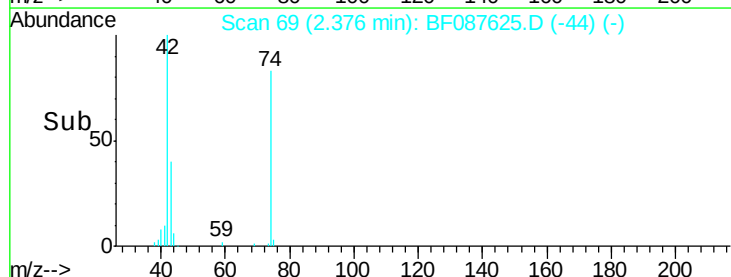
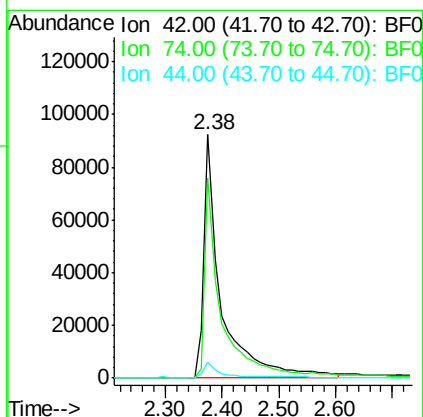
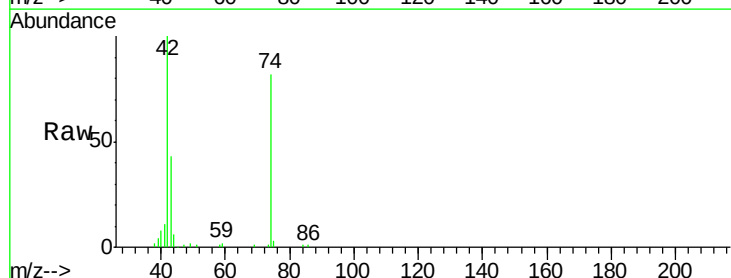
Tgt Ion: 42 Resp: 192653

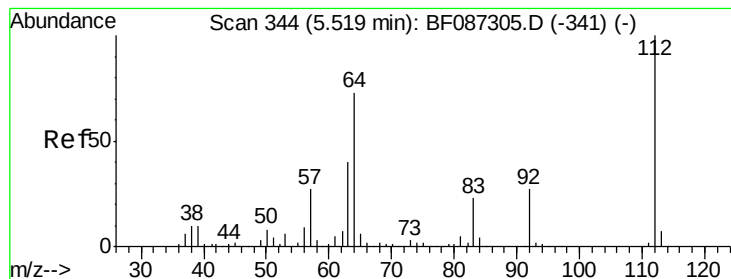
Ion Ratio Lower Upper

42 100

74 82.4 123.4 185.0#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 136.01 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.08 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

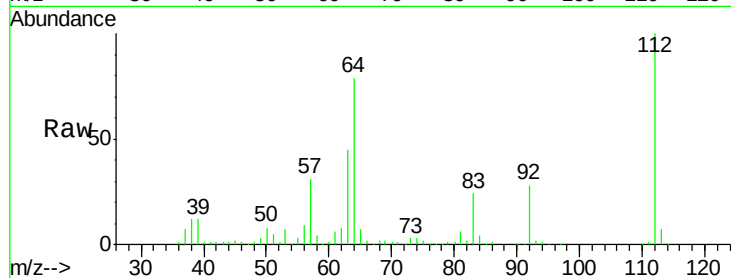
Tgt Ion: 112 Resp: 799200

Ion Ratio Lower Upper

112 100

64 79.0 52.1 78.1#

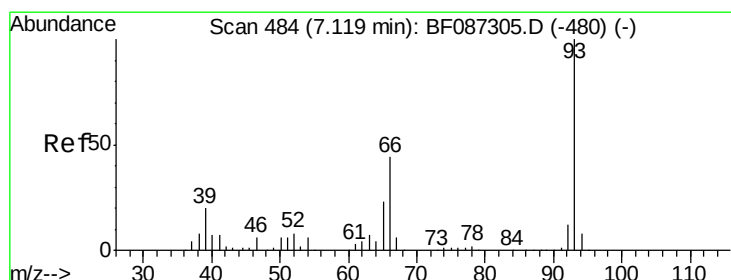
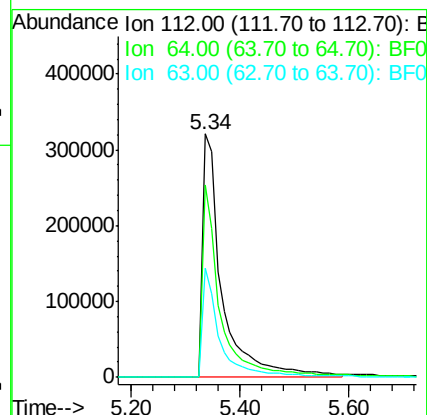
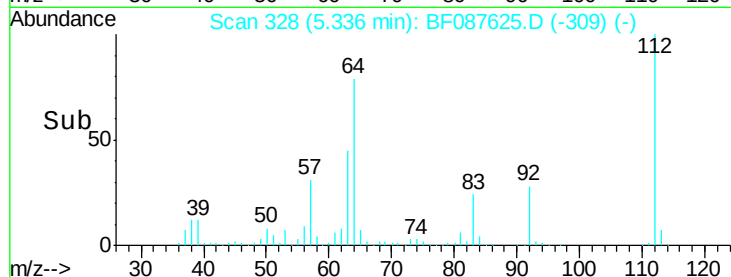
63 45.0 25.7 38.5#



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: 27.17 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

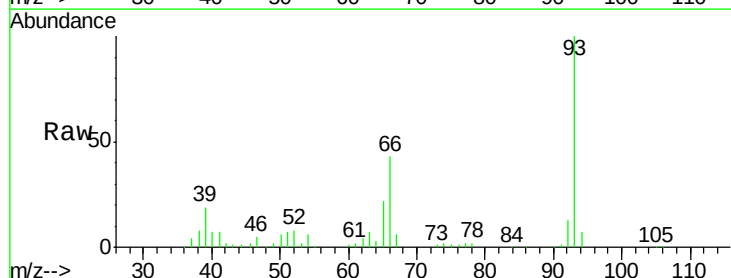
Tgt Ion: 93 Resp: 279043

Ion Ratio Lower Upper

93 100

66 43.0 39.0 58.6

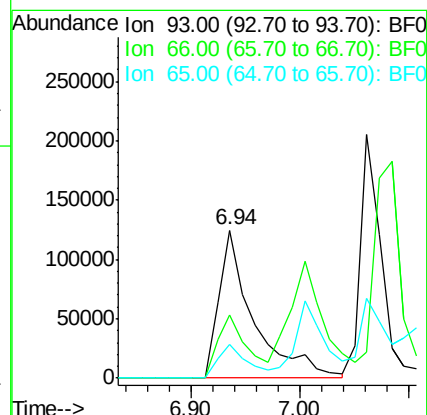
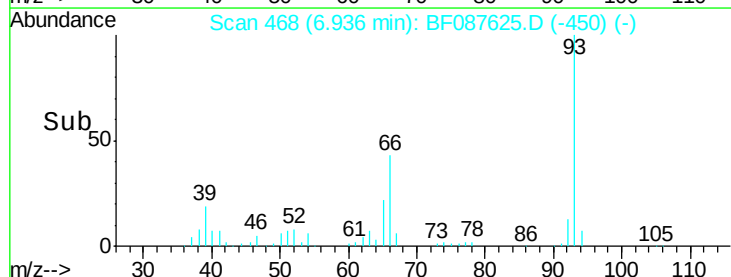
65 22.4 20.6 31.0

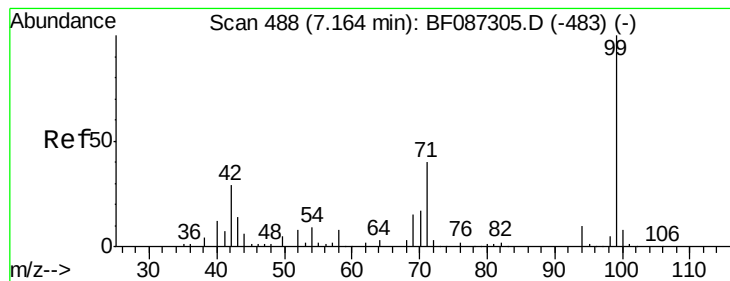


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.76 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.08 min

Lab File: BF087625.D

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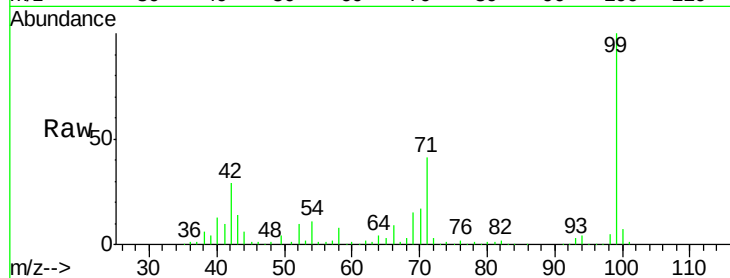
Tgt Ion: 99 Resp: 990578

Ion Ratio Lower Upper

99 100

42 29.4 13.6 20.4#

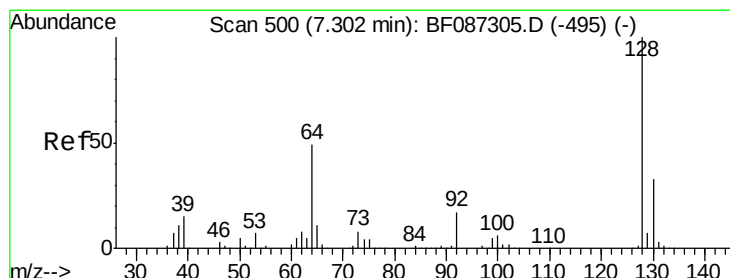
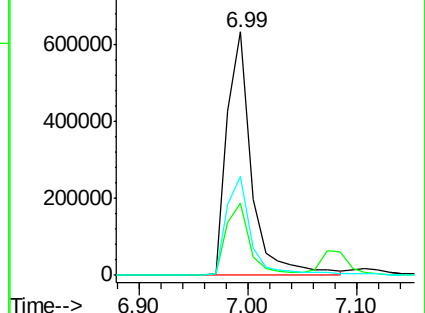
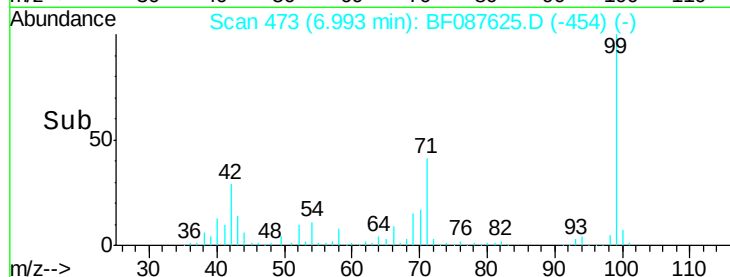
71 40.6 24.6 36.8#



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: 41.39 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

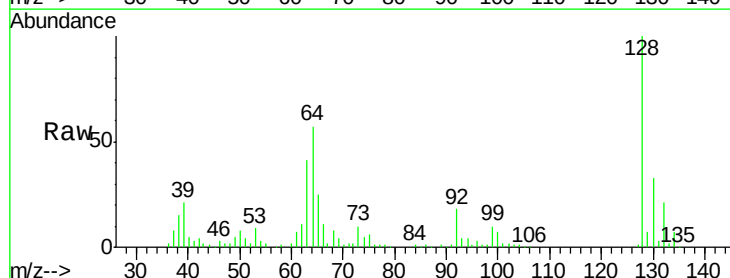
Tgt Ion: 128 Resp: 303336

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

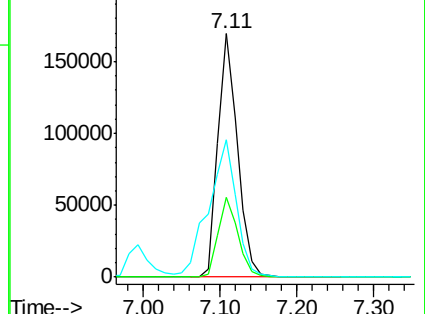
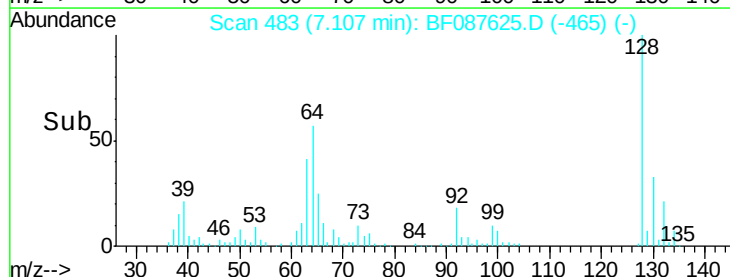
64 56.7 27.3 67.3

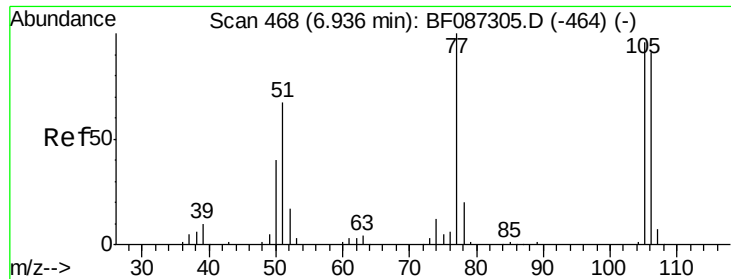


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.03 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

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Acq: 1 Jun 2016 19:43

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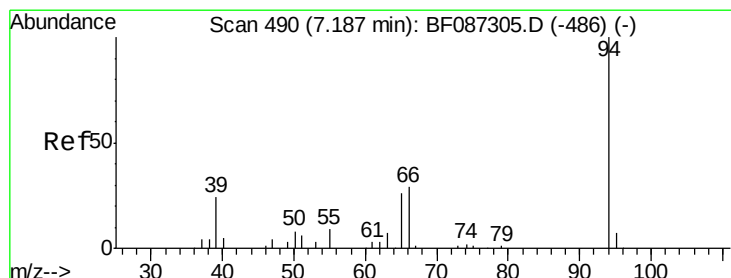
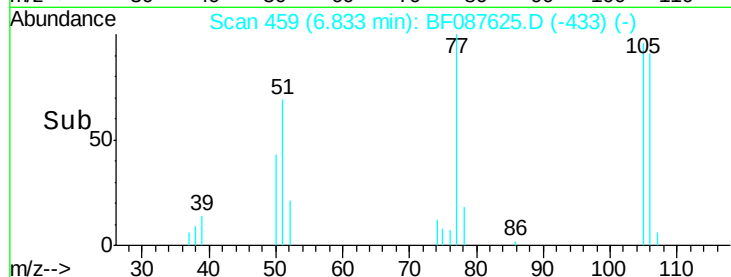
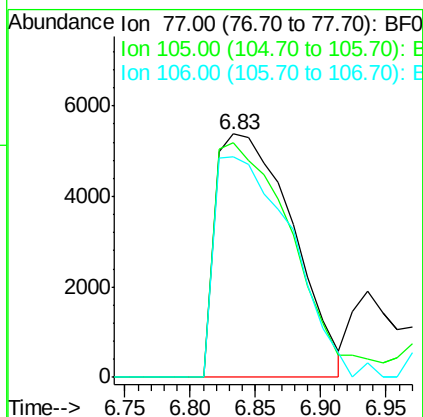
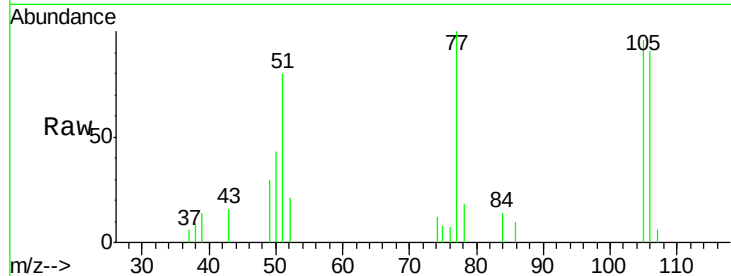
Tgt Ion: 77 Resp: 22062

Ion Ratio Lower Upper

77 100

105 96.2 72.7 112.7

106 90.8 70.8 110.8



#10

Phenol

Concen: 43.13 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.08 min

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Acq: 1 Jun 2016 19:43

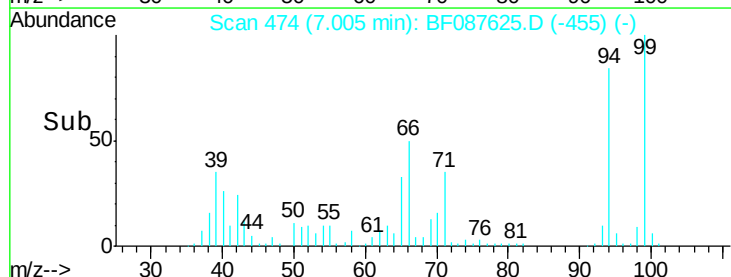
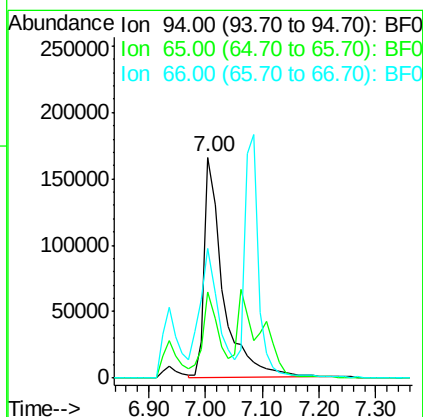
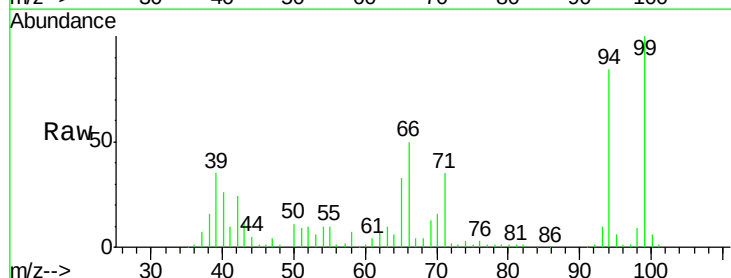
Tgt Ion: 94 Resp: 373955

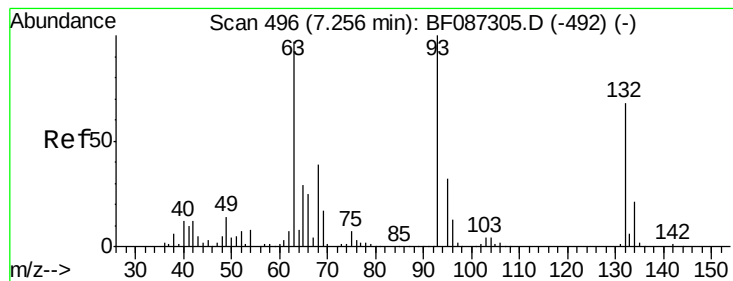
Ion Ratio Lower Upper

94 100

65 38.9 7.2 47.2

66 59.0 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 40.23 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

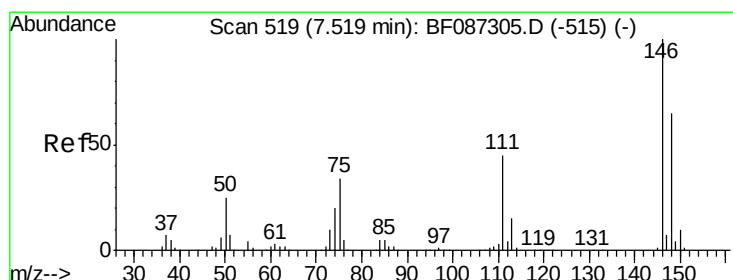
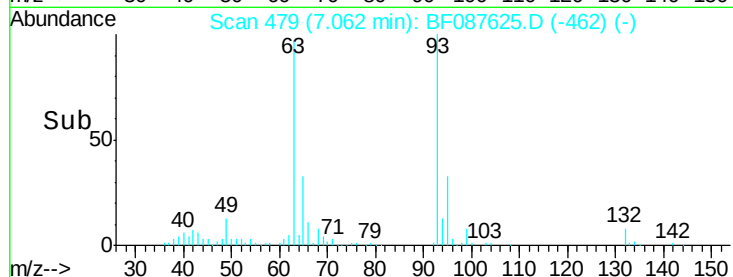
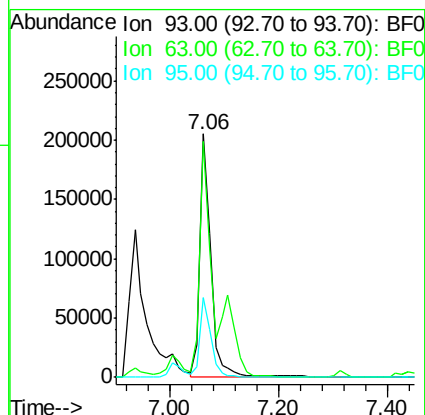
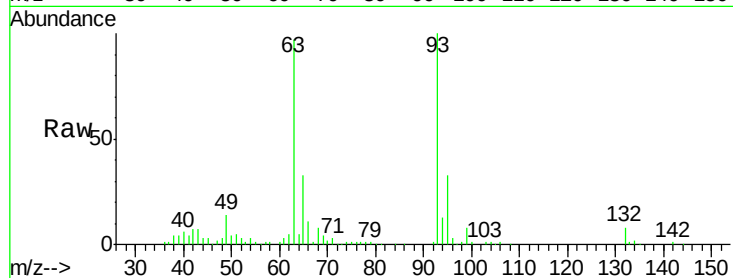
Tgt Ion: 93 Resp: 282305

Ion Ratio Lower Upper

93 100

63 96.9 58.0 98.0

95 32.9 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.37 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

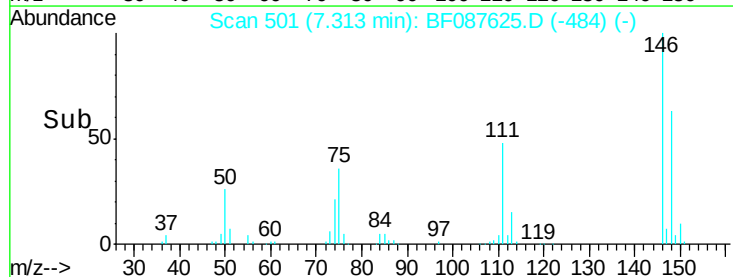
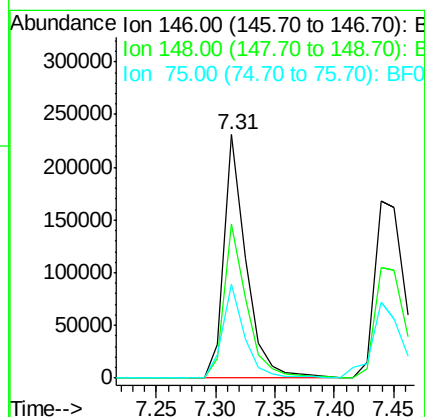
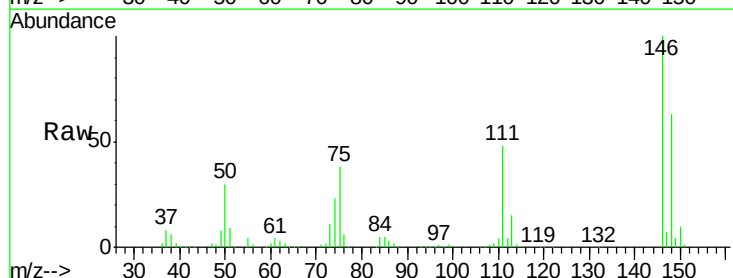
Tgt Ion: 146 Resp: 298730

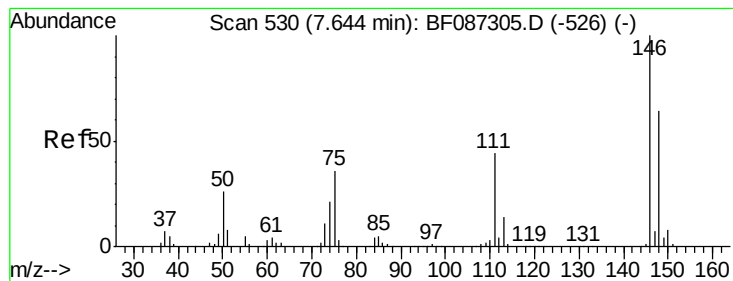
Ion Ratio Lower Upper

146 100

148 63.4 52.4 78.6

75 38.4 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 39.17 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.11 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

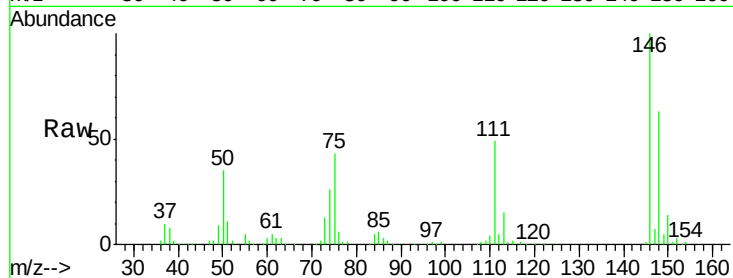
Tgt Ion:146 Resp: 321392

Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.4

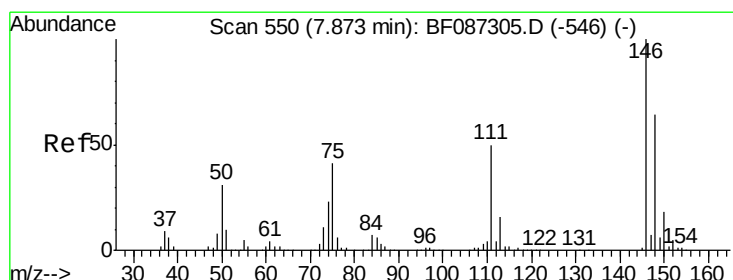
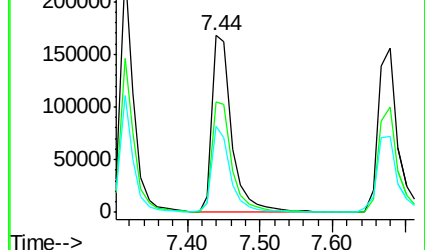
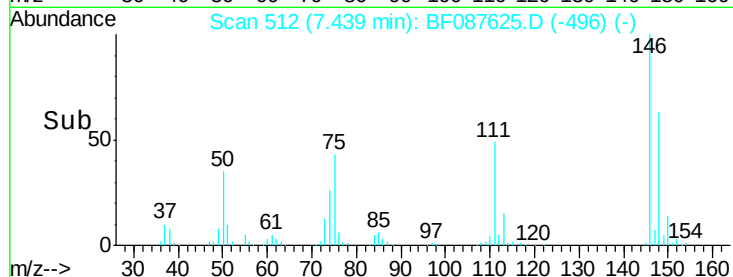
111 48.8 30.7 46.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.83 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

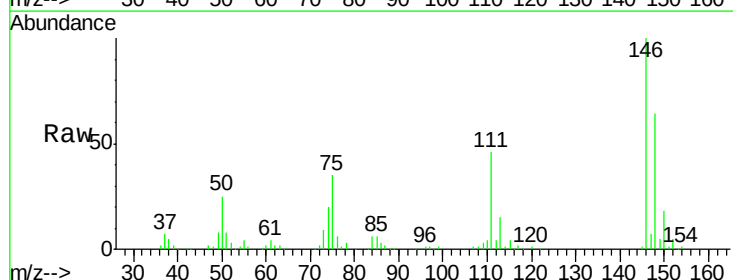
Tgt Ion:146 Resp: 302303

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

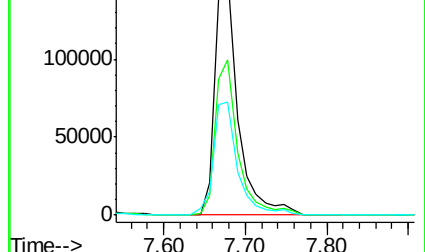
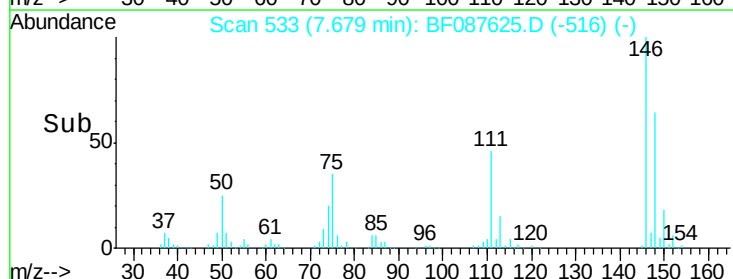
111 46.3 36.2 54.4

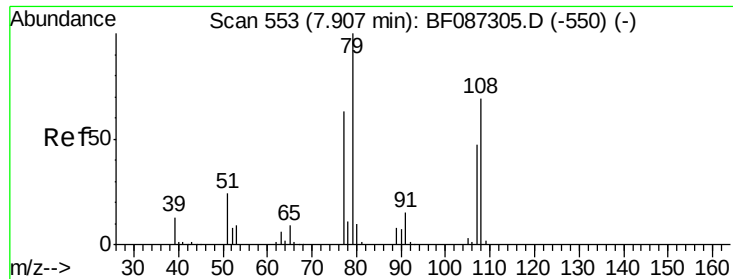


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.99 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

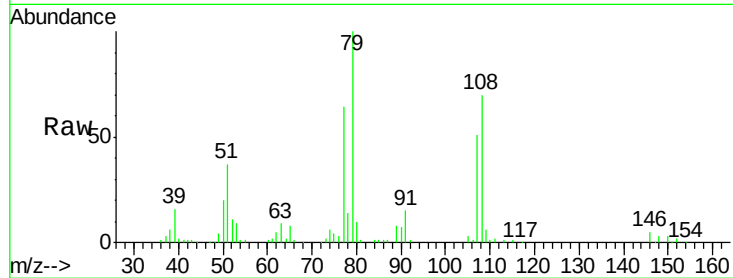
Tgt Ion: 79 Resp: 277815

Ion Ratio Lower Upper

79 100

108 70.4 68.4 102.6

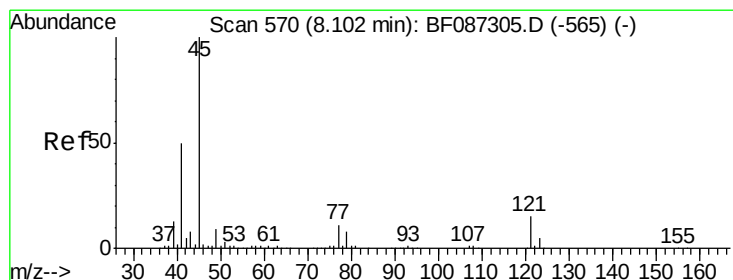
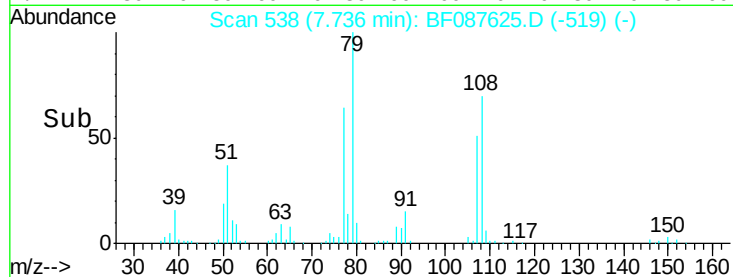
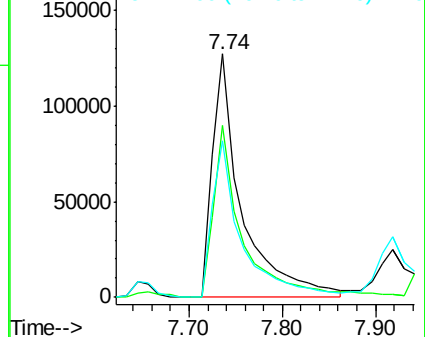
77 64.4 50.6 76.0



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: 35.92 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

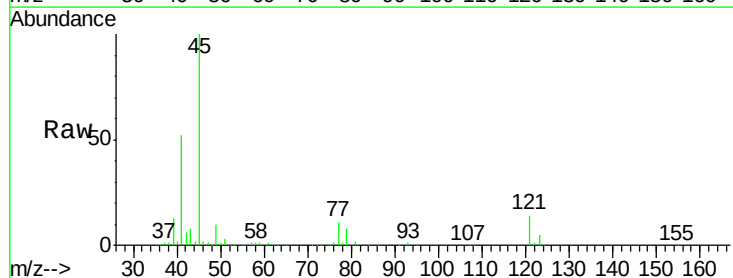
Tgt Ion: 45 Resp: 567140

Ion Ratio Lower Upper

45 100

77 10.7 0.0 36.4

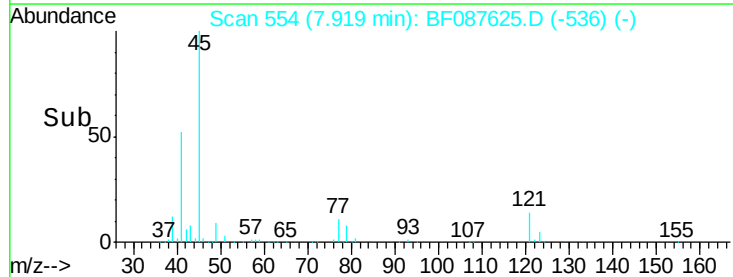
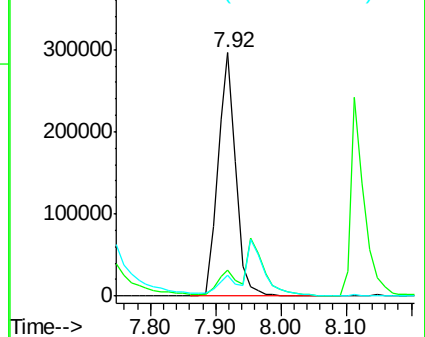
79 8.4 0.0 33.4

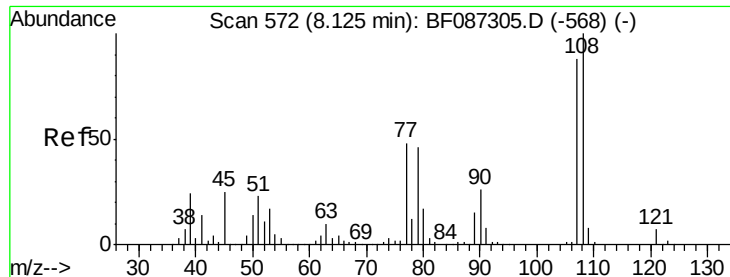


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.49 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.08 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

Tgt Ion:107 Resp: 237775

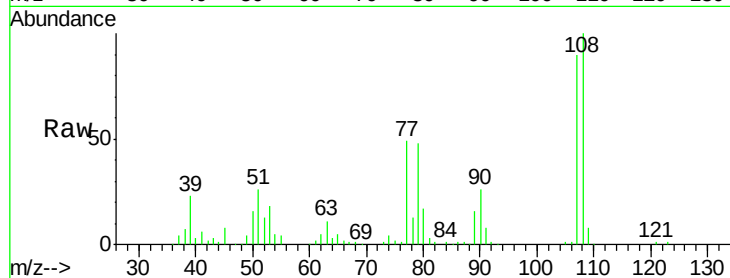
Ion Ratio Lower Upper

107 100

108 110.8 93.7 140.5

77 53.9 33.4 50.0#

79 52.9 34.3 51.5#

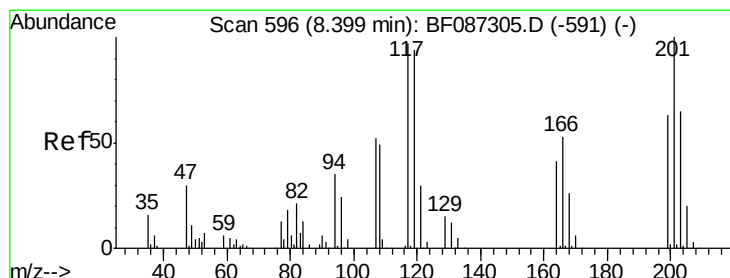
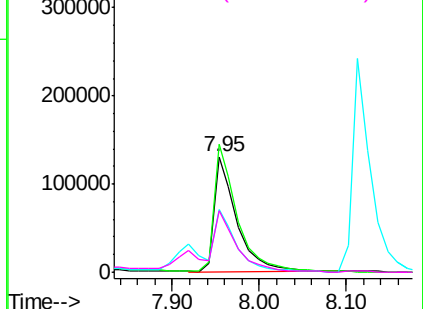
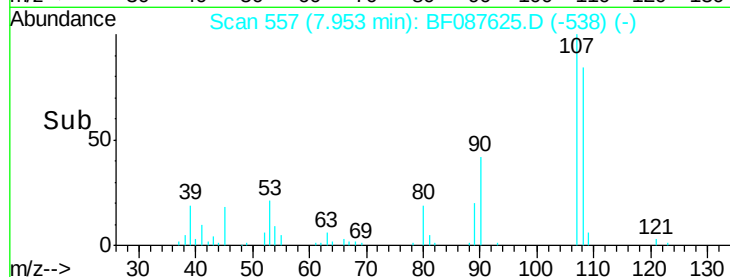


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.15 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.11 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

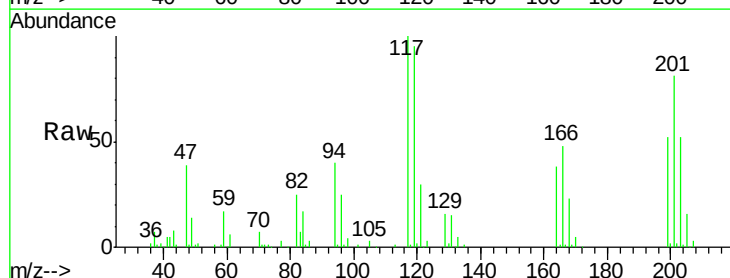
Tgt Ion:117 Resp: 122898

Ion Ratio Lower Upper

117 100

119 95.4 76.5 114.7

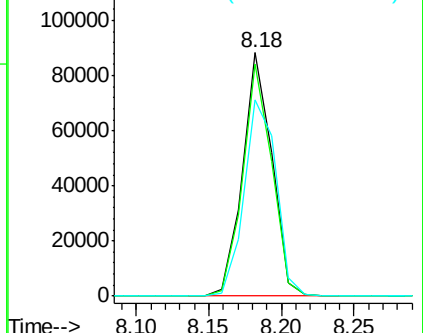
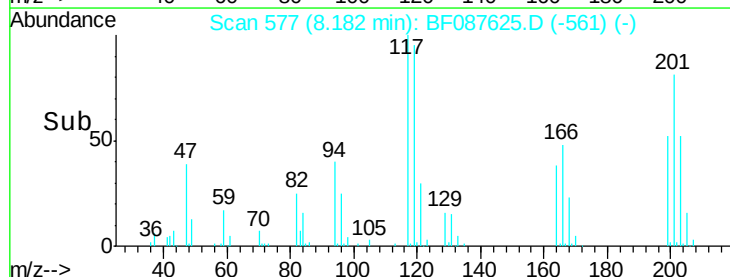
201 80.8 63.0 94.6

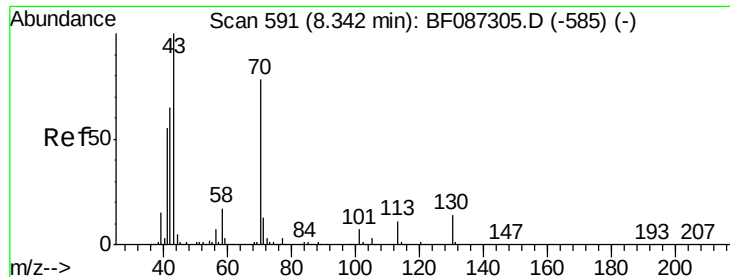


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

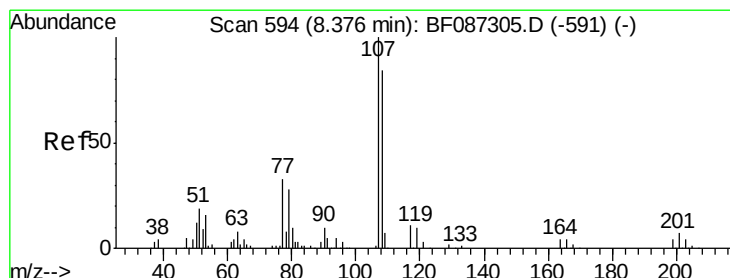
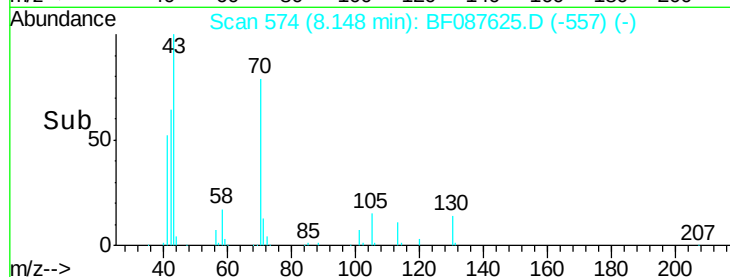
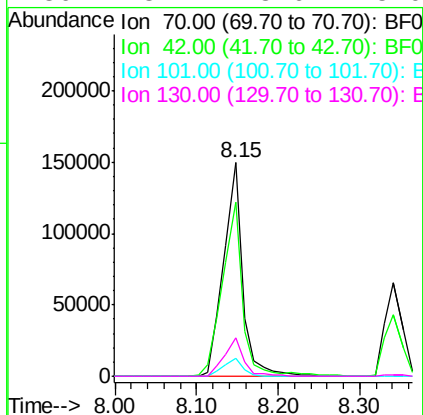
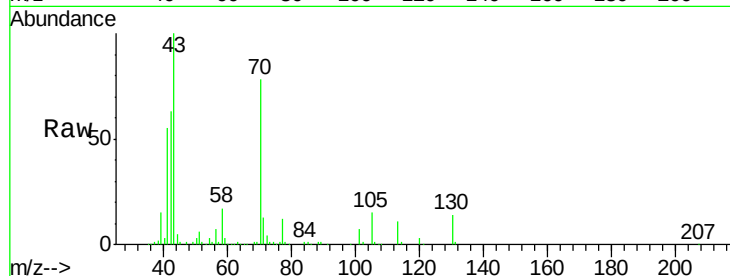




#19
n-Nitroso-di-n-propylamine
Concen: 41.02 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

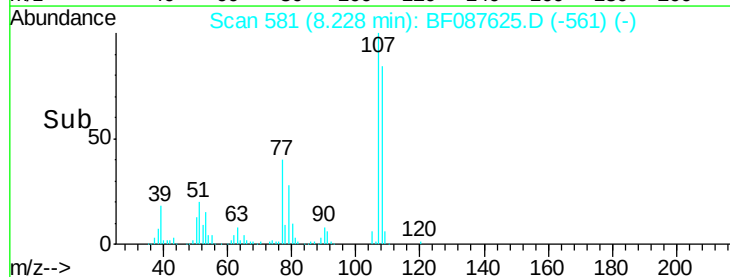
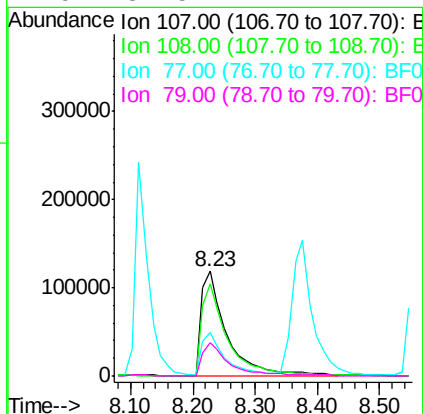
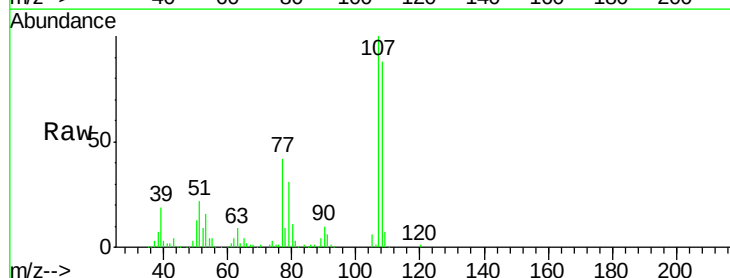
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

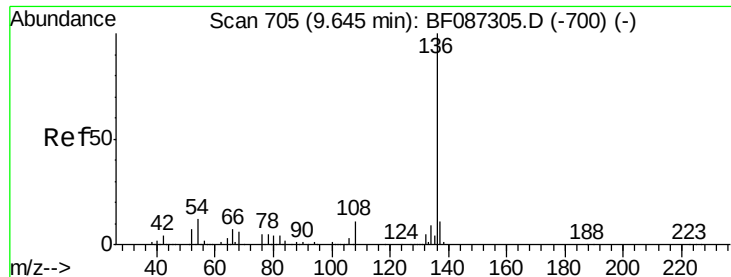
Tgt Ion: 70 Resp: 242889
Ion Ratio Lower Upper
70 100
42 81.4 43.1 64.7#
101 8.4 8.1 12.1
130 18.2 18.6 28.0#



#20
3+4-Methylphenols
Concen: 48.14 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.07 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion: 107 Resp: 341797
Ion Ratio Lower Upper
107 100
108 87.8 68.5 108.5
77 41.9 101.6 141.6#
79 31.5 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

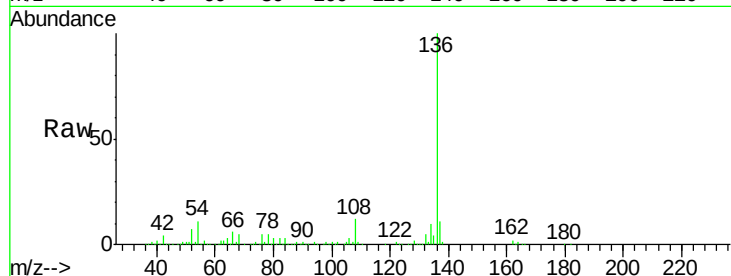
Instrument :

BNA_F

ClientSampleId :

PB91016BSD

Tgt Ion:	136	Resp:	426048
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.9	5.0	7.4#
68	5.2	4.4	6.6

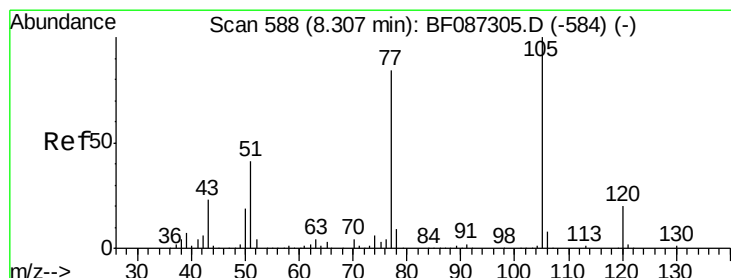
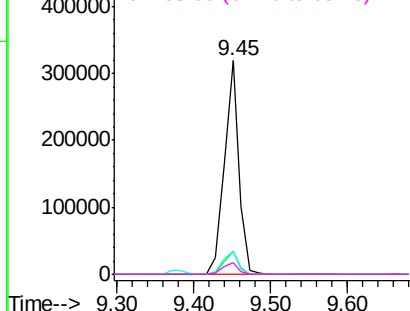
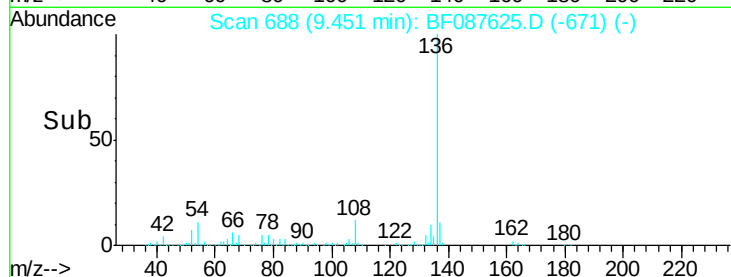


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.11 ng

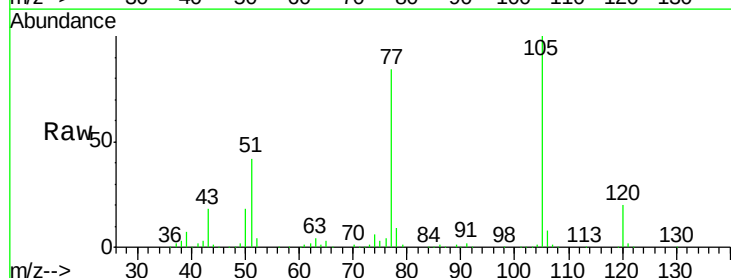
RT: 8.11 min Scan# 571

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Tgt Ion:	105	Resp:	418412
Ion	Ratio	Lower	Upper
105	100		
71	0.2	4.8	7.2#
51	41.6	32.6	49.0
120	19.9	16.5	24.7

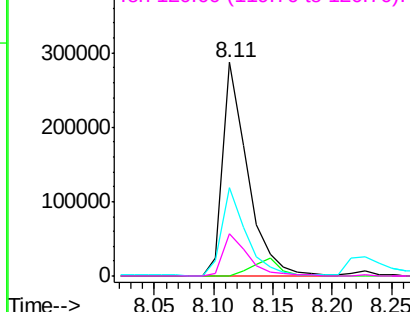
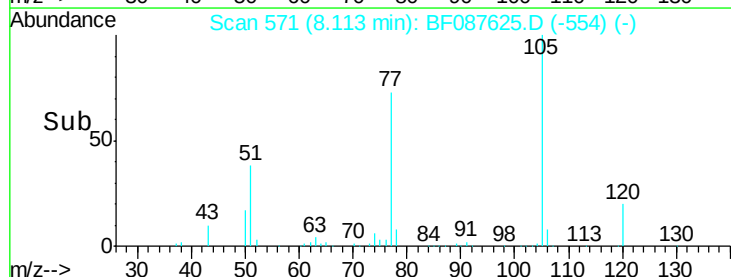


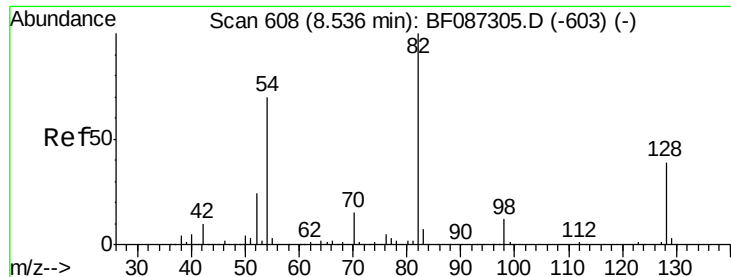
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

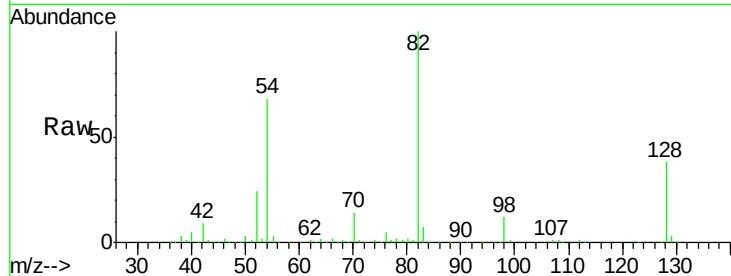




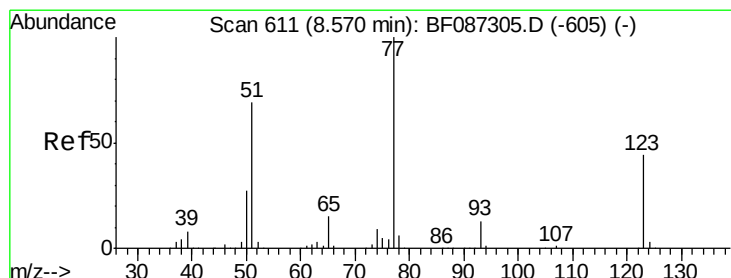
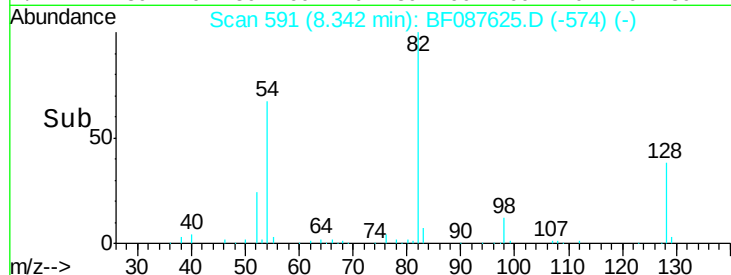
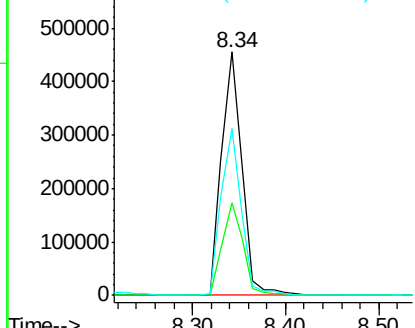
#23
 Nitrobenzene-d5
 Concen: 81.86 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

Tgt Ion: 82 Resp: 692023
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 68.3 38.1 57.1#

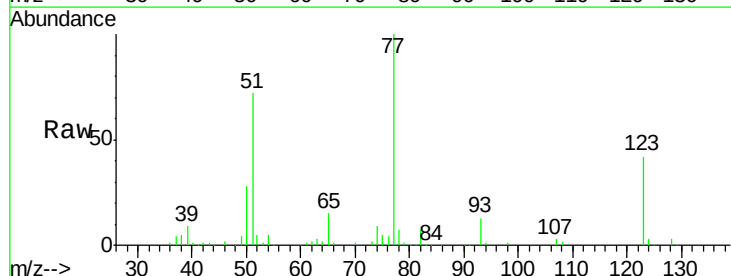


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

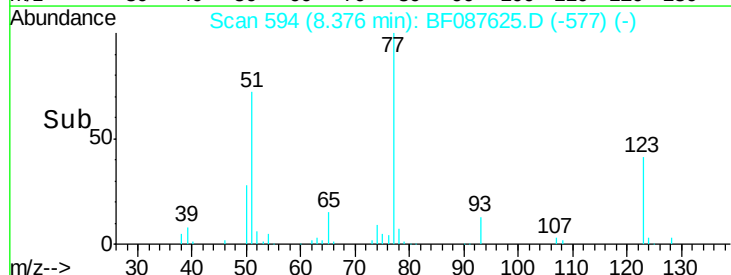
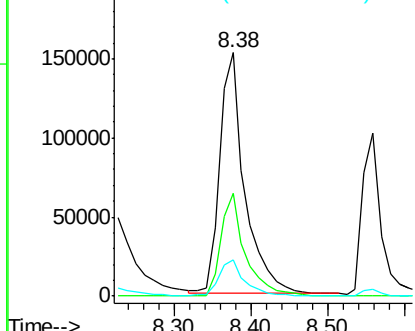


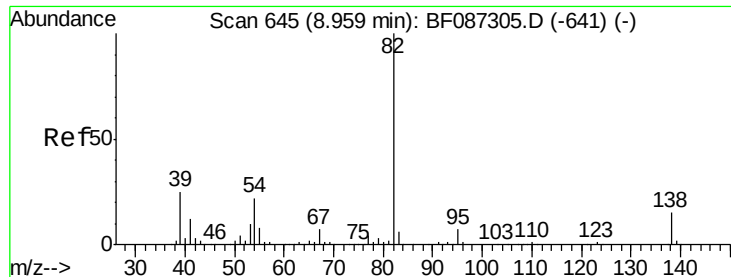
#24
 Nitrobenzene
 Concen: 38.95 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion: 77 Resp: 347600
 Ion Ratio Lower Upper
 77 100
 123 42.2 33.0 49.4
 65 14.9 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.96 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.11 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

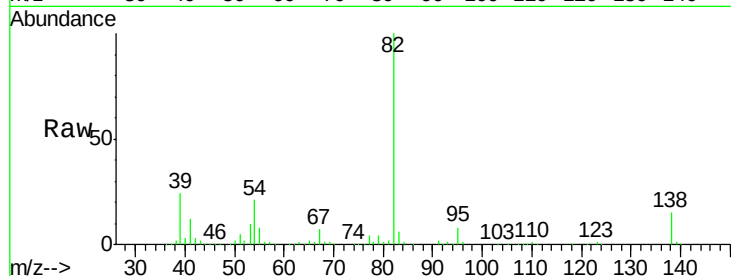
Tgt Ion: 82 Resp: 605803

Ion Ratio Lower Upper

82 100

95 7.6 5.1 7.7

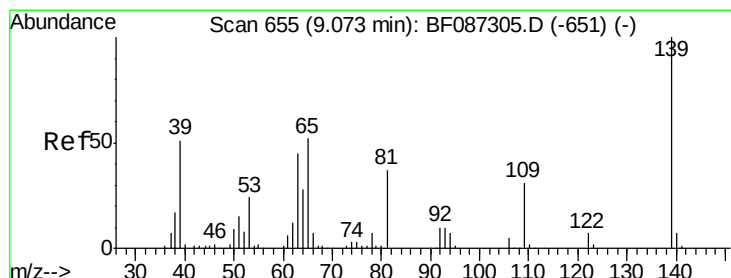
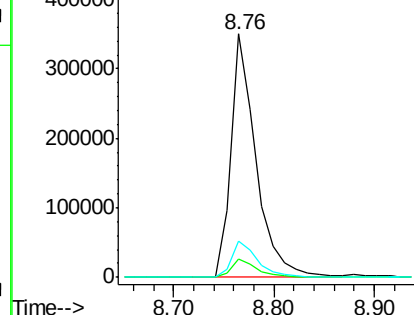
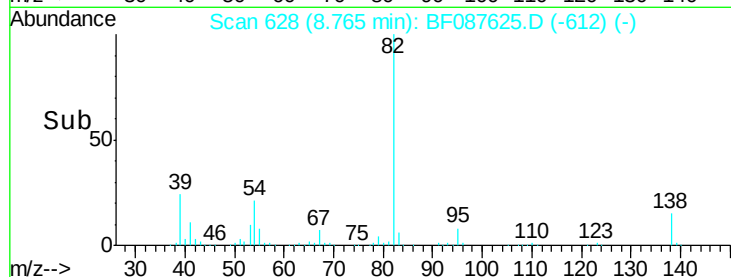
138 15.1 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.26 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

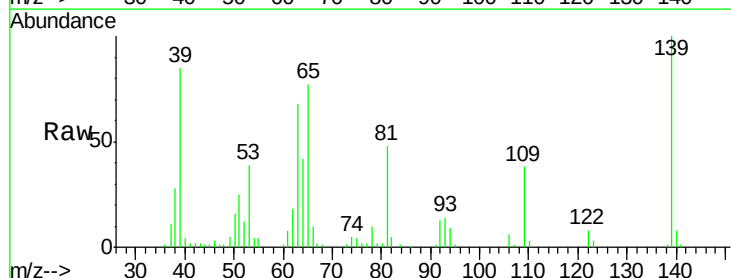
Tgt Ion: 139 Resp: 154149

Ion Ratio Lower Upper

139 100

109 37.7 19.5 29.3#

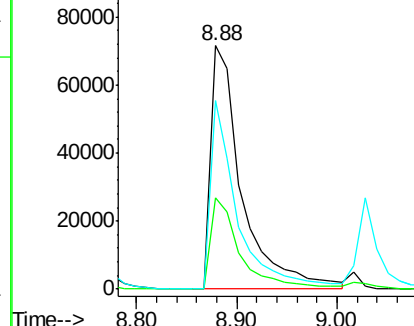
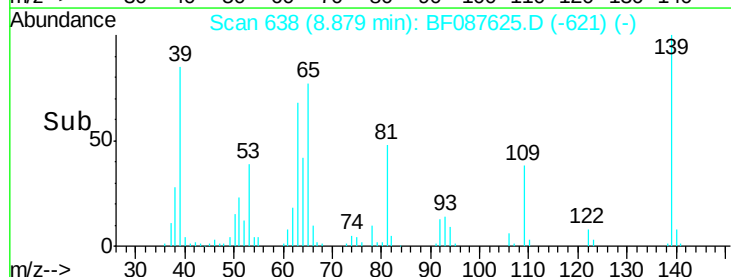
65 77.5 37.5 56.3#

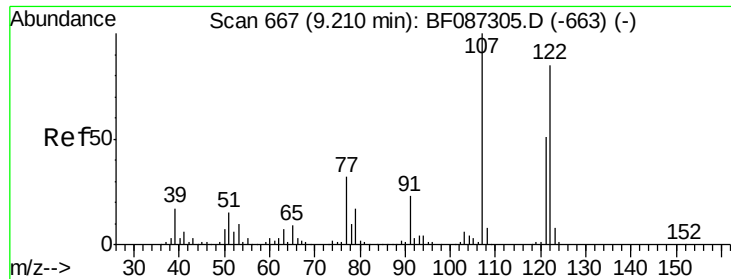


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

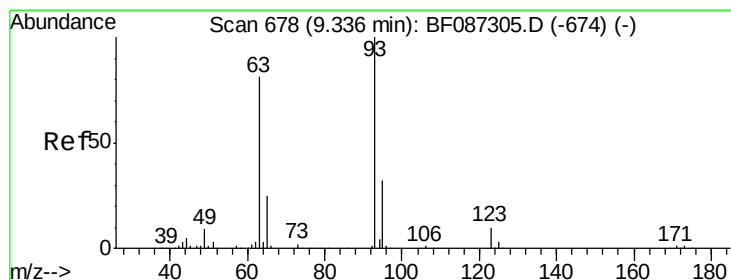
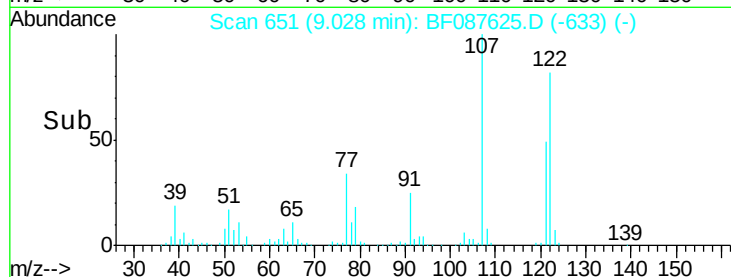
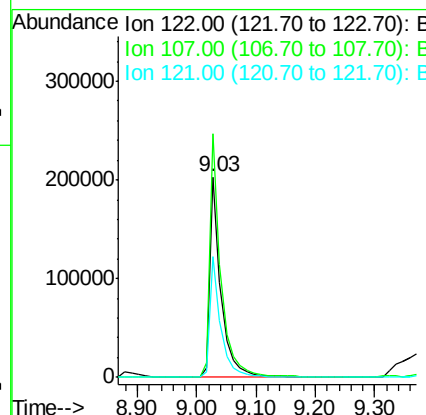
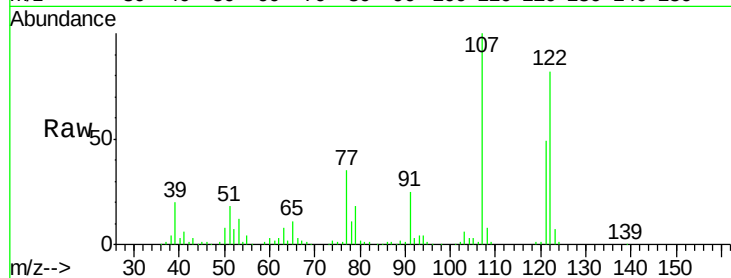




#27
2,4-Dimethylphenol
Concen: 42.43 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.09 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

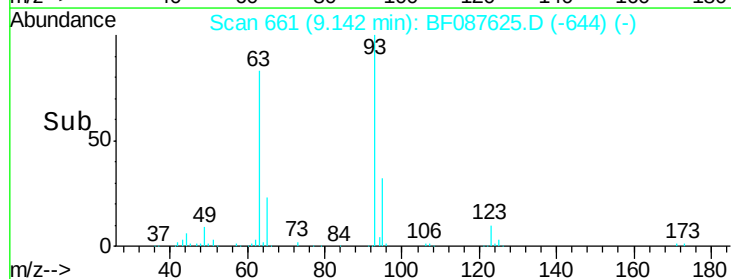
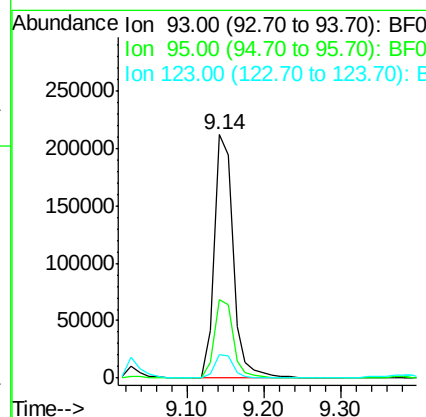
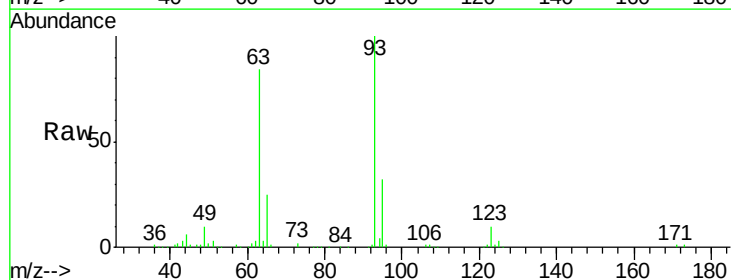
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

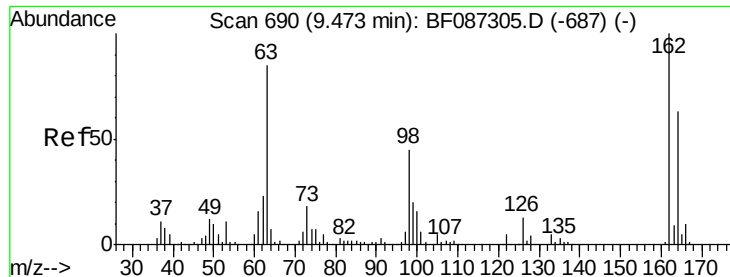
Tgt Ion:122 Resp: 268636
Ion Ratio Lower Upper
122 100
107 121.4 82.0 123.0
121 59.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.31 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion: 93 Resp: 361277
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 9.7 9.5 14.3

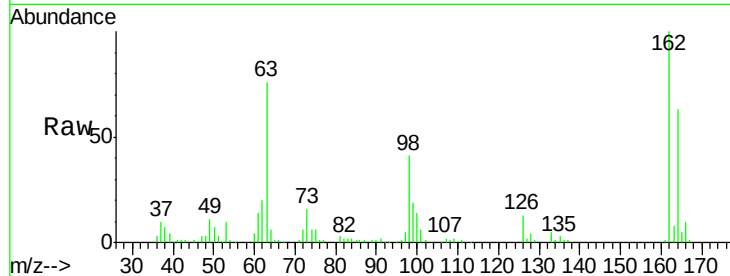




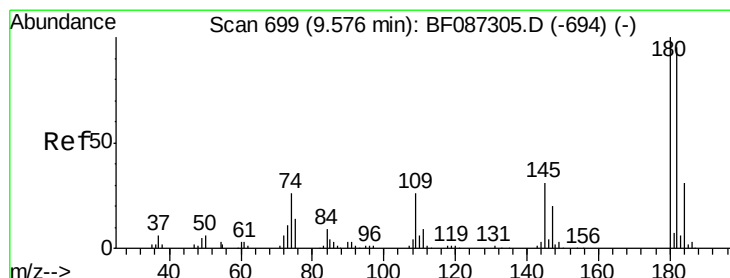
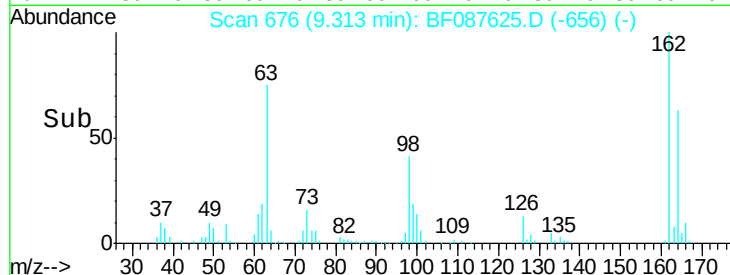
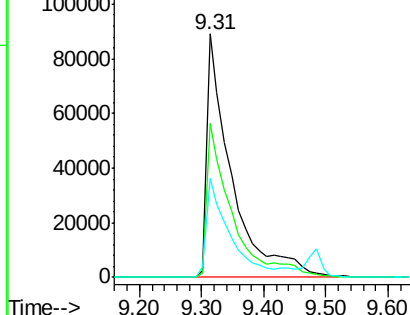
#29
 2,4-Dichlorophenol
 Concen: 42.77 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.07 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

Tgt Ion:162 Resp: 244089
 Ion Ratio Lower Upper
 162 100
 164 63.2 42.2 82.2
 98 40.6 19.0 59.0

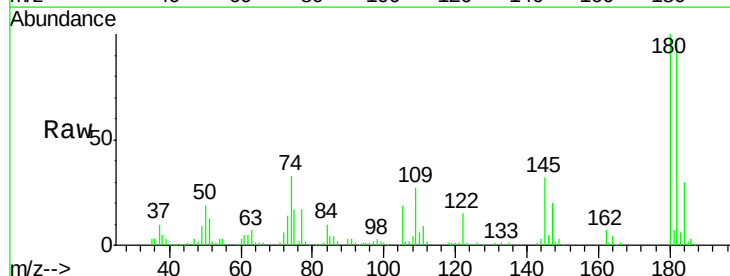


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

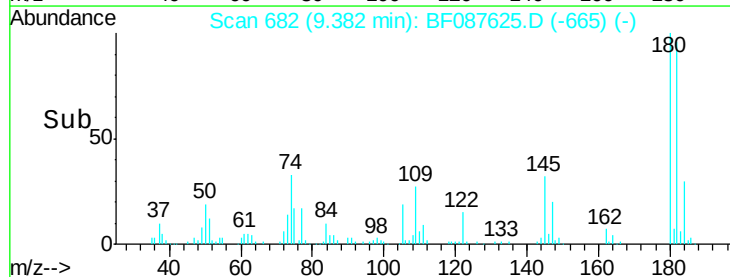
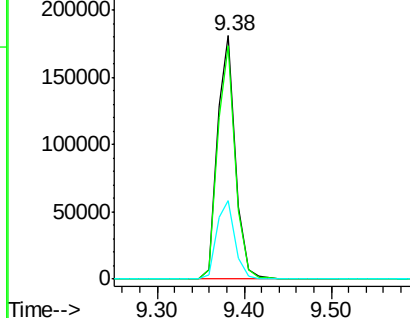


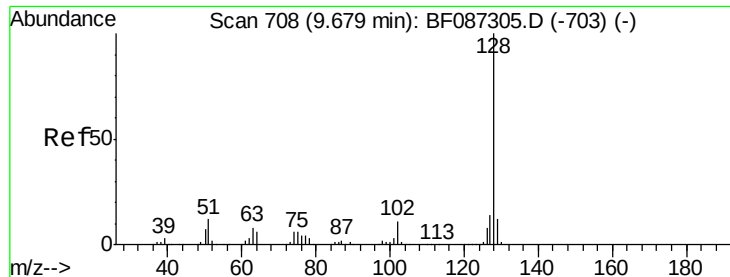
#30
 1,2,4-Trichlorobenzene
 Concen: 39.99 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion:180 Resp: 261253
 Ion Ratio Lower Upper
 180 100
 182 95.8 78.0 117.0
 145 32.4 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

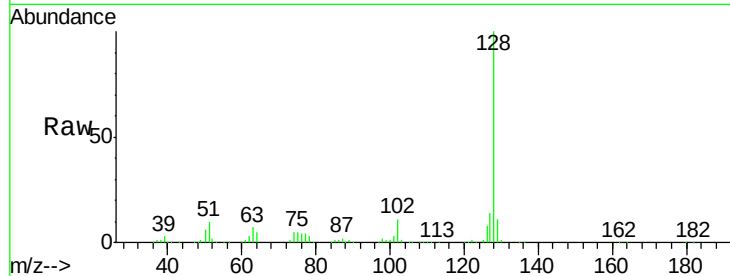




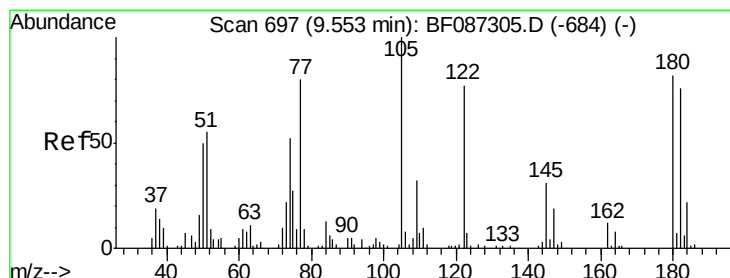
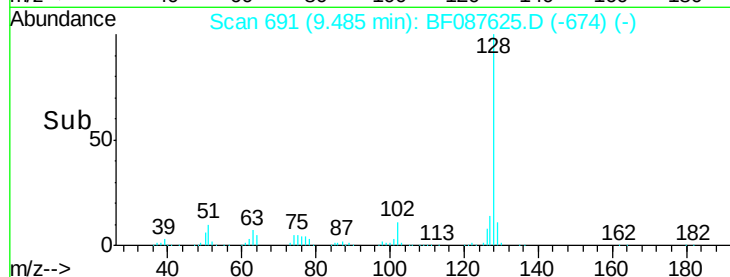
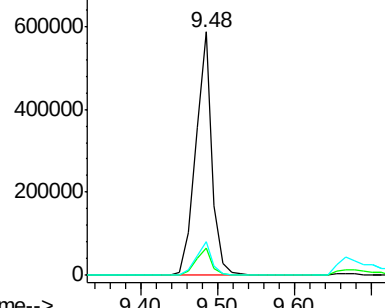
#31
Naphthalene
Concen: 40.51 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB91016BSD

Tgt Ion:128 Resp: 864843
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.8 16.2

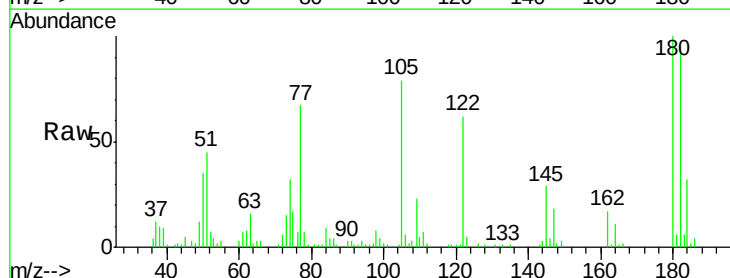


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

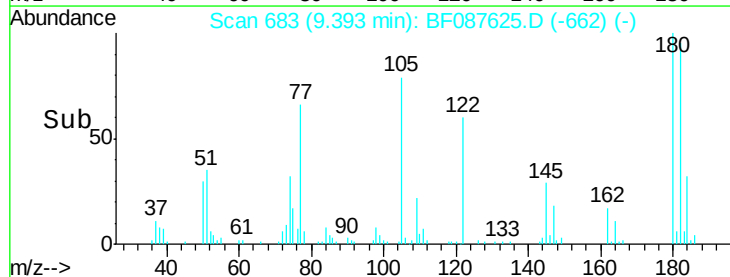
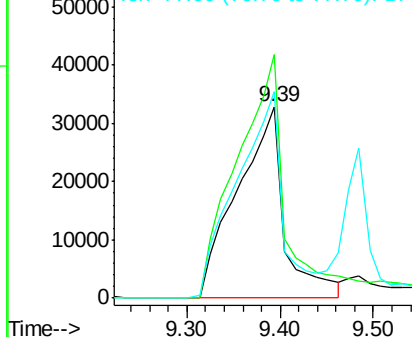


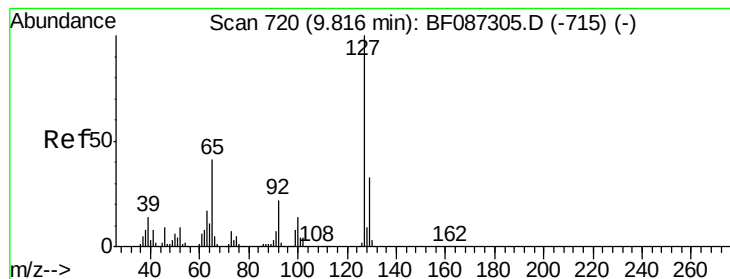
#32
Benzoic acid
Concen: 36.91 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:122 Resp: 115375
Ion Ratio Lower Upper
122 100
105 127.1 92.6 132.6
77 108.0 60.0 100.0#



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





#33

4-Chloroaniline

Concen: 20.49 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.07 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

Tgt Ion:127 Resp: 161083

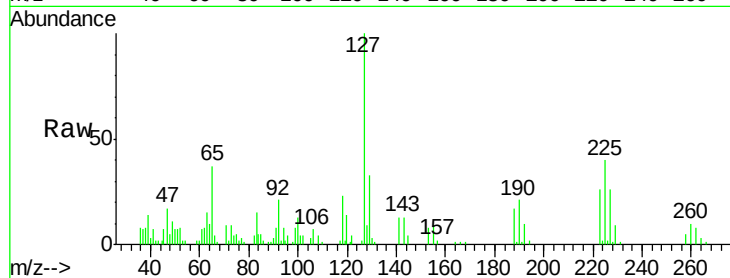
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.4

65 37.3 23.0 34.4#

92 21.2 15.1 22.7

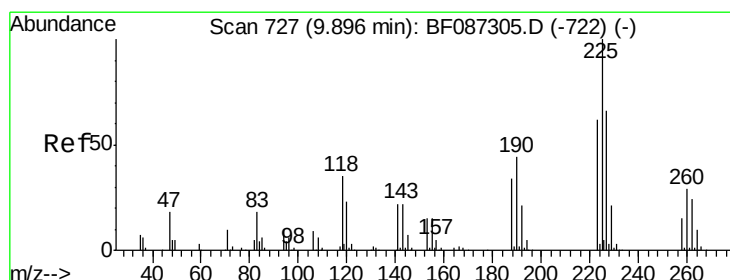
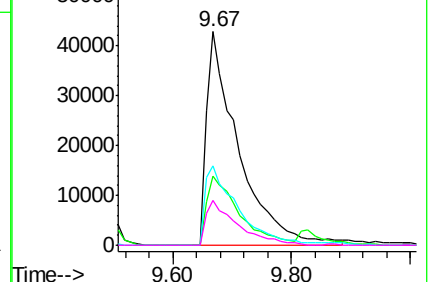
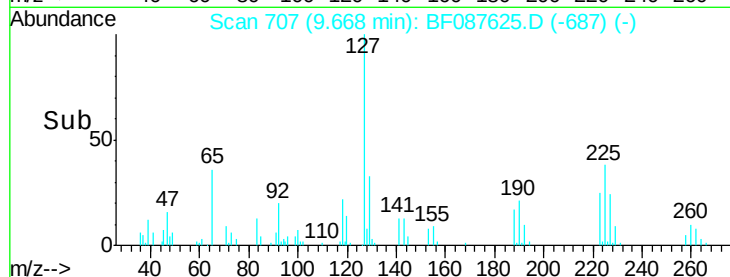


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.54 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.11 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

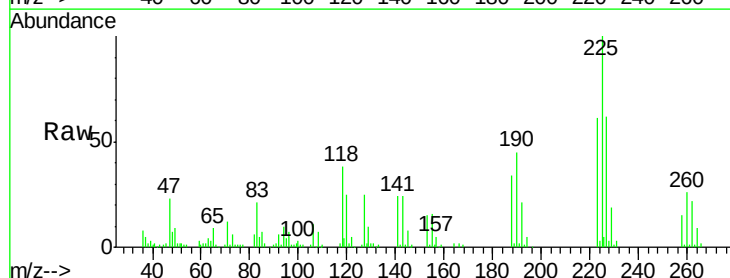
Tgt Ion:225 Resp: 153047

Ion Ratio Lower Upper

225 100

223 61.3 51.5 77.3

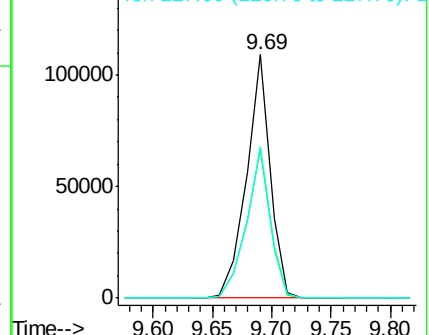
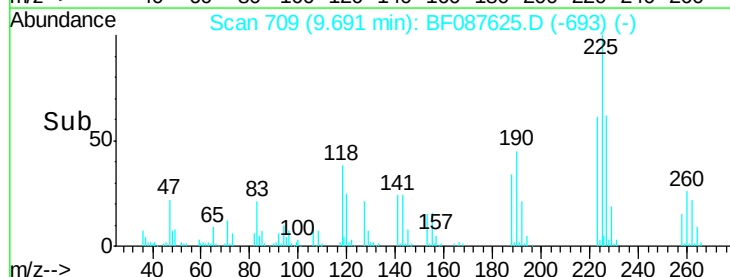
227 62.1 52.2 78.2

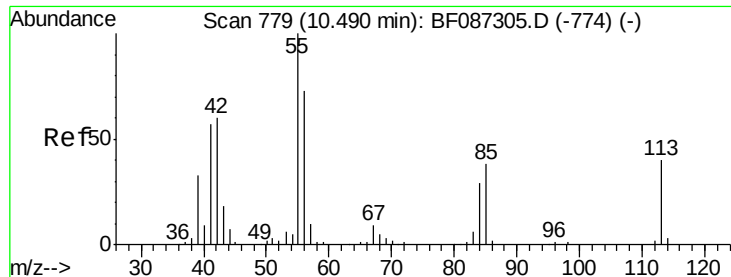


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

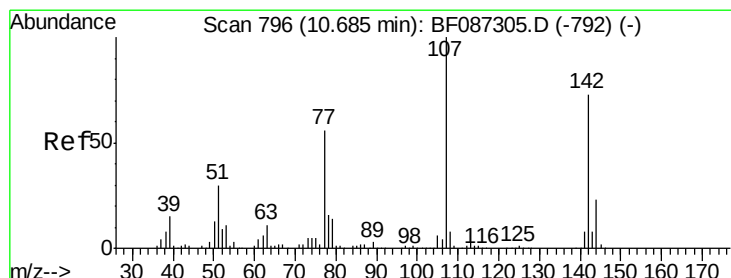
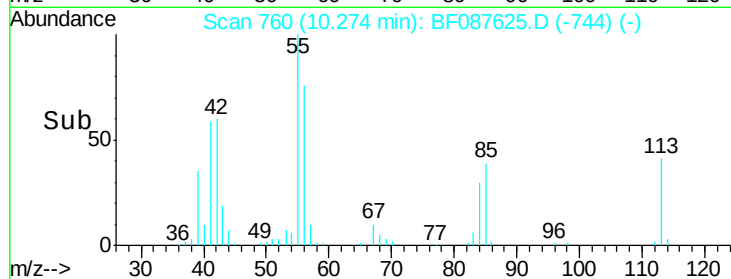
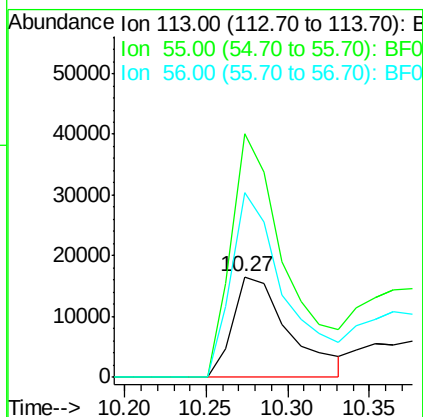
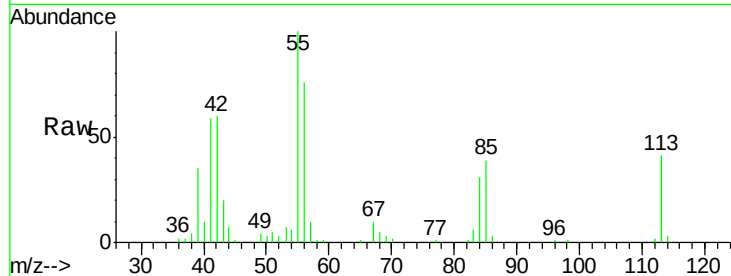




#35
 Caprolactam
 Concen: 23.89 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.11 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

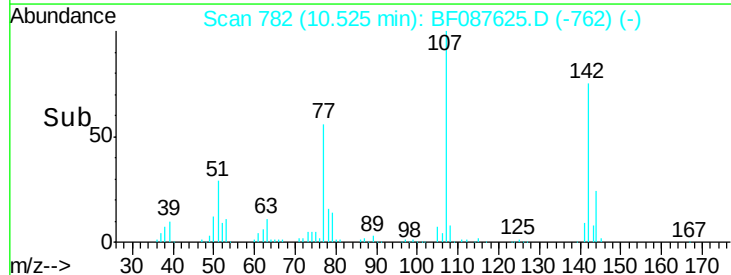
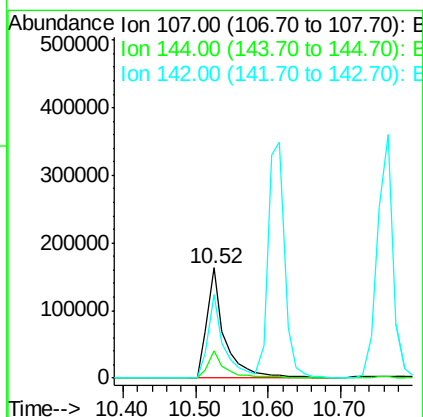
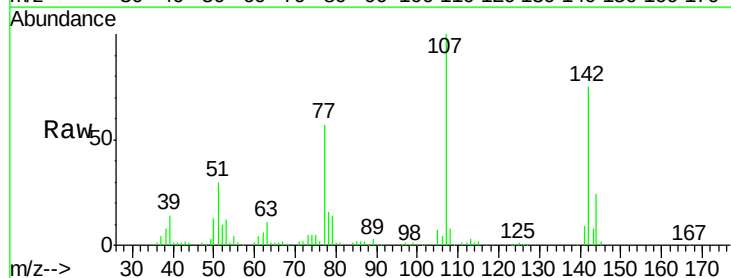
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

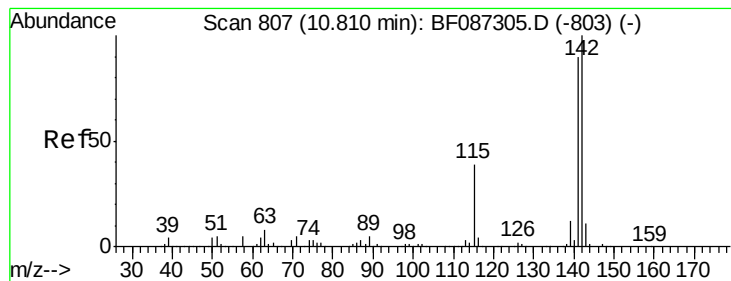
Tgt Ion:113 Resp: 39784
 Ion Ratio Lower Upper
 113 100
 55 242.3 162.0 202.0#
 56 183.8 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 43.39 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.07 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion:107 Resp: 279938
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.7 31.1
 142 75.2 63.2 94.8





#37

2-Methylnaphthalene

Concen: 42.52 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

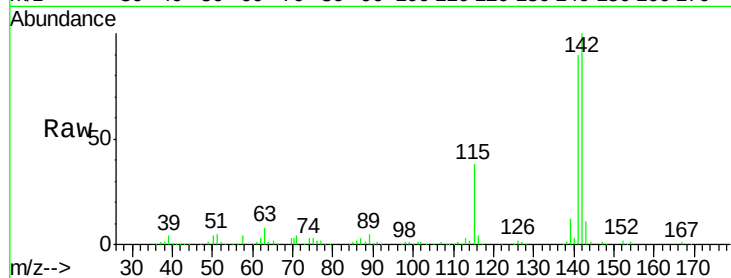
Tgt Ion:142 Resp: 567137

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

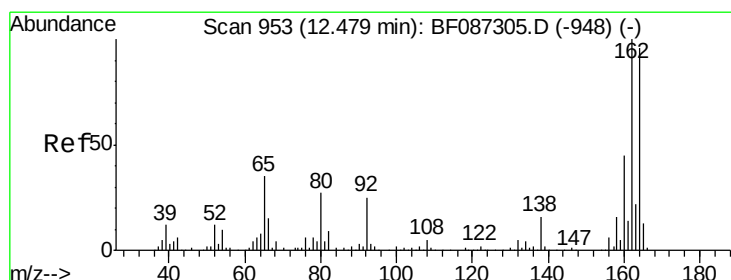
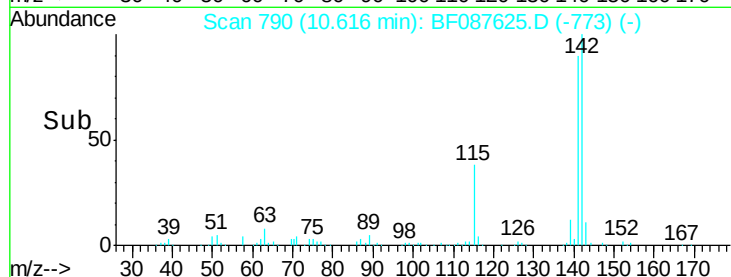
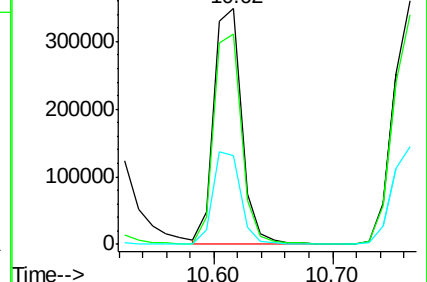
115 37.6 26.6 39.8



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: 12.27 min Scan# 935

Delta R.T. -0.11 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

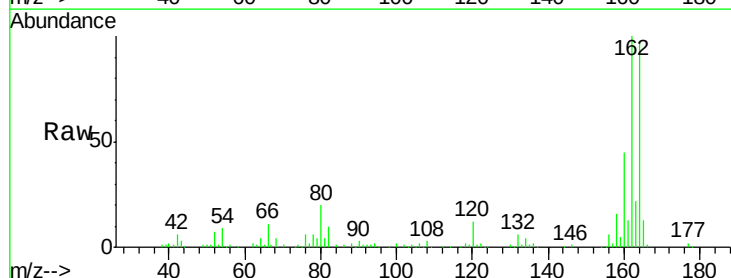
Tgt Ion:164 Resp: 202196

Ion Ratio Lower Upper

164 100

162 103.2 82.8 124.2

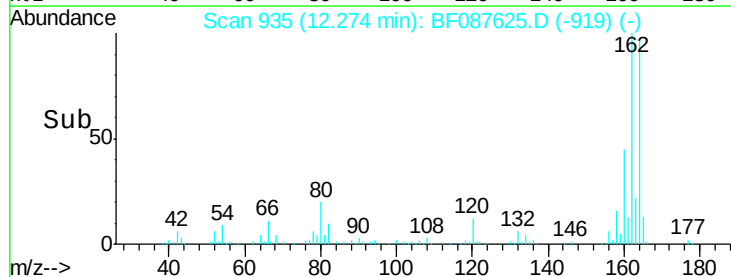
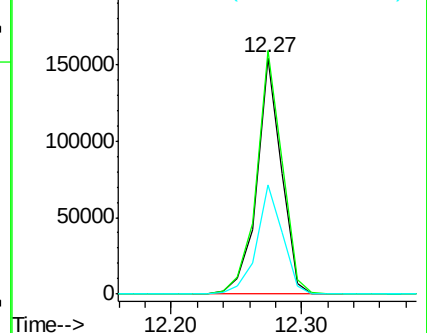
160 46.4 36.9 55.3

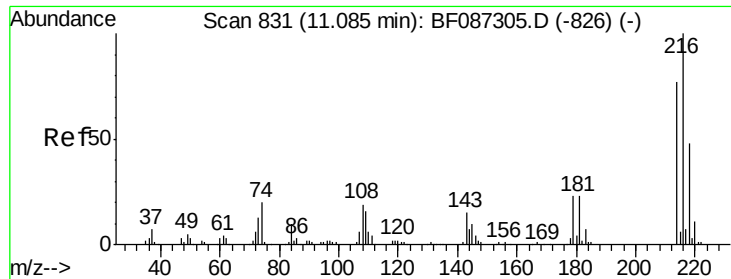


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

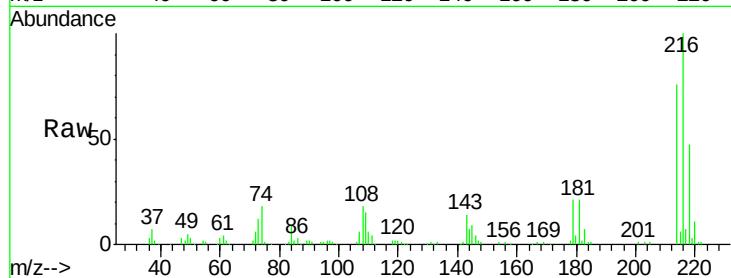




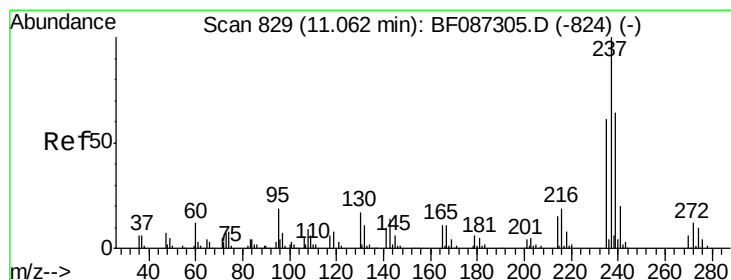
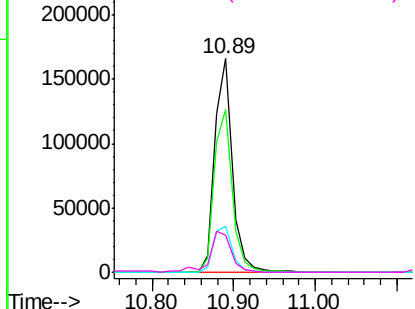
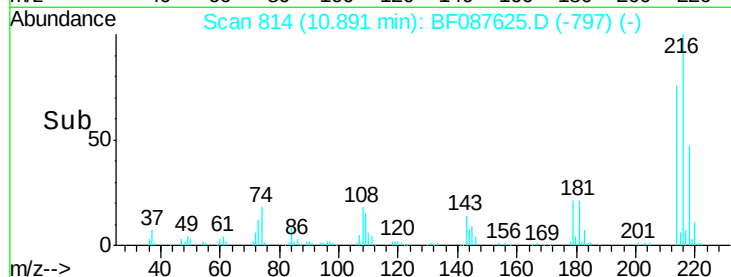
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.51 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

Tgt Ion:	216	Resp:	249269
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	23.3	18.2	27.4
108	23.3	17.5	26.3

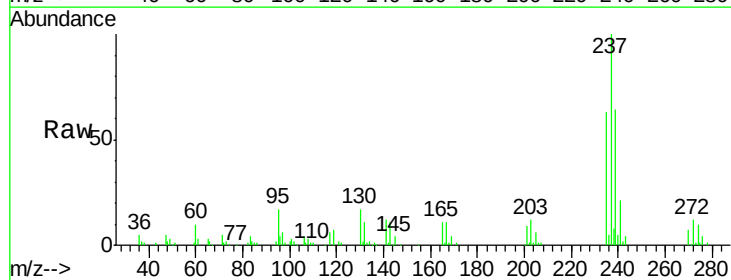


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

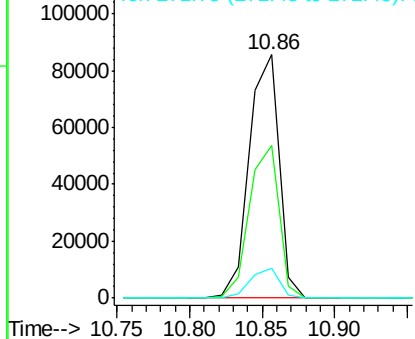
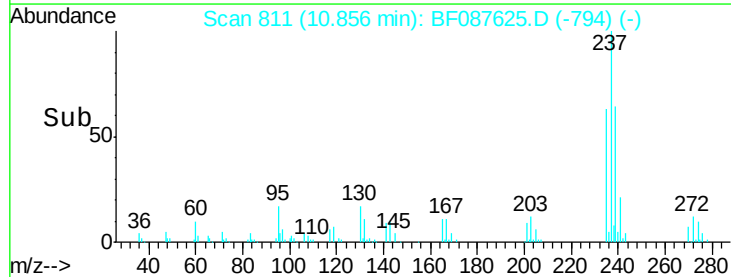


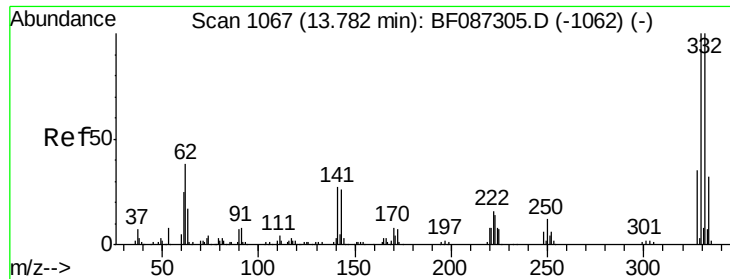
#40
 Hexachlorocyclopentadiene
 Concen: 49.93 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion:	237	Resp:	122236
Ion	Ratio	Lower	Upper
237	100		
235	62.6	47.2	87.2
272	12.2	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

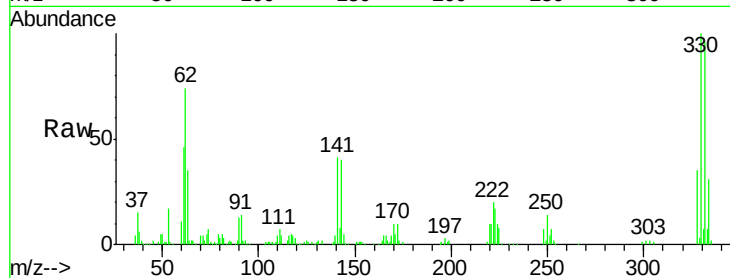




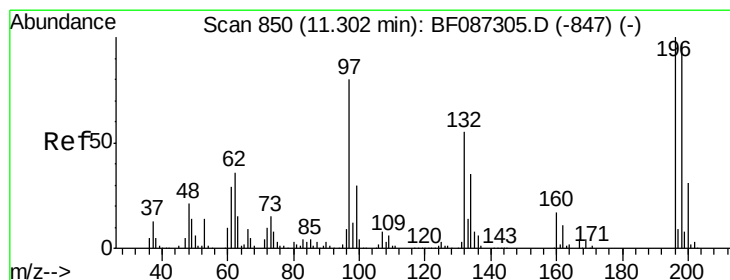
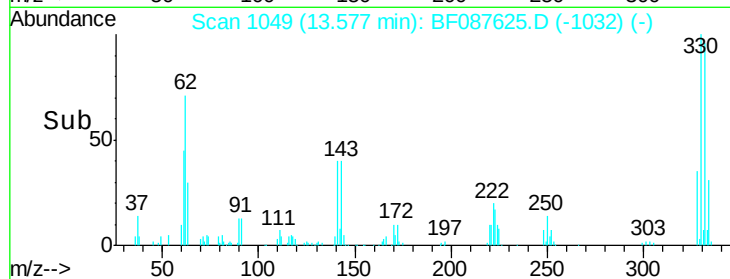
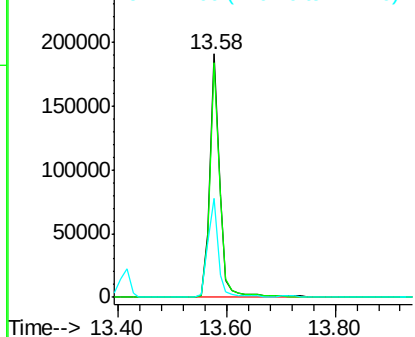
#41
 2,4,6-Tribromophenol
 Concen: 128.28 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

Tgt Ion:330 Resp: 249250
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 42.0 31.2 46.8

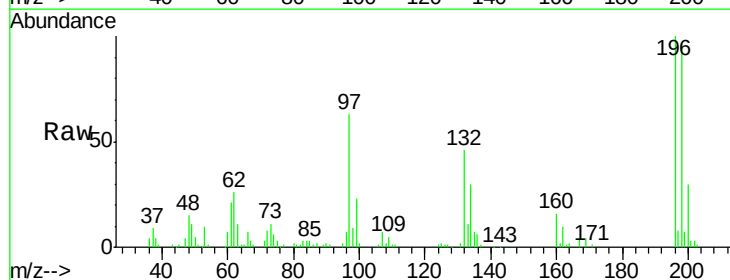


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

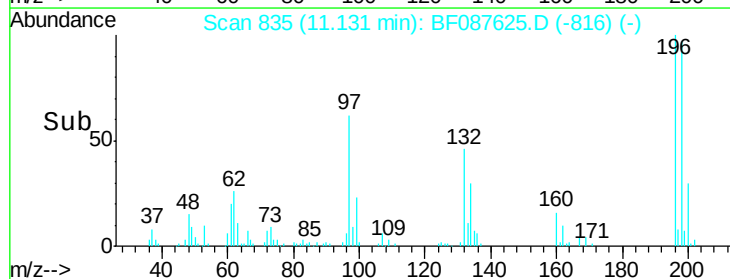
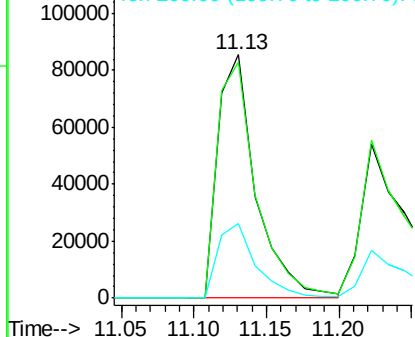


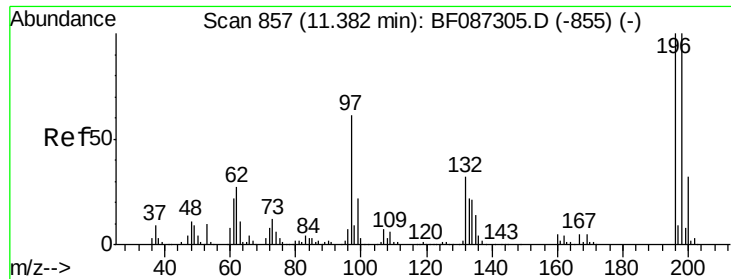
#42
 2,4,6-Trichlorophenol
 Concen: 41.77 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion:196 Resp: 156056
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.7 112.1
 200 30.5 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

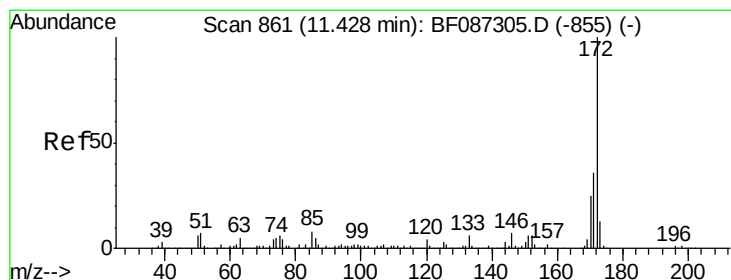
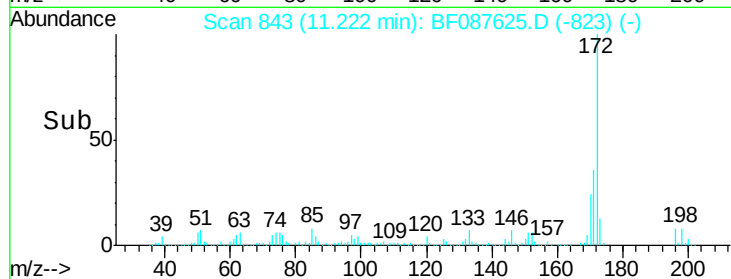
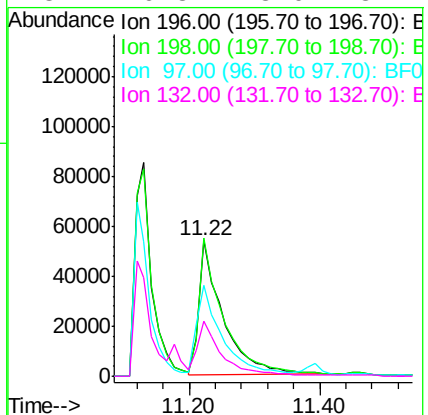
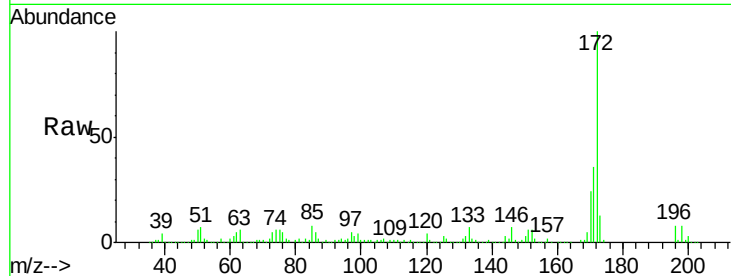




#43
 2,4,5-Trichlorophenol
 Concen: 36.73 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.07 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

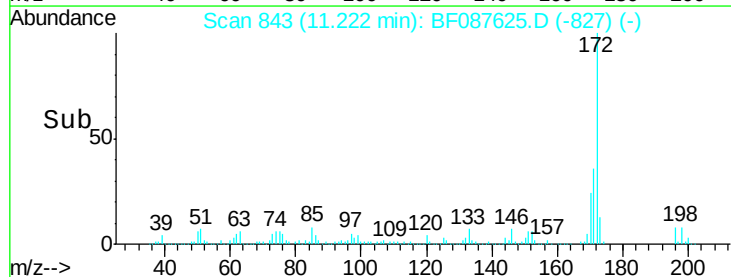
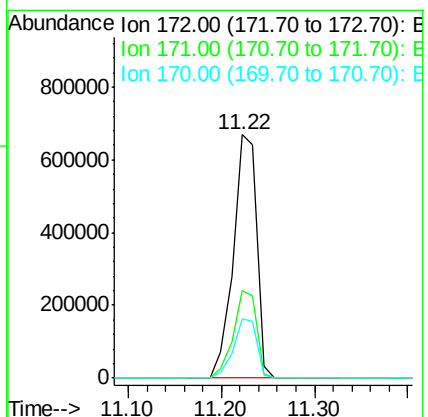
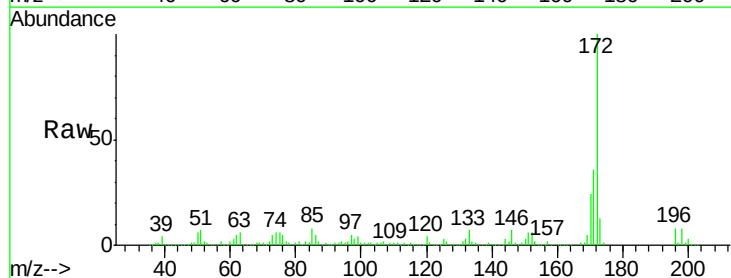
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

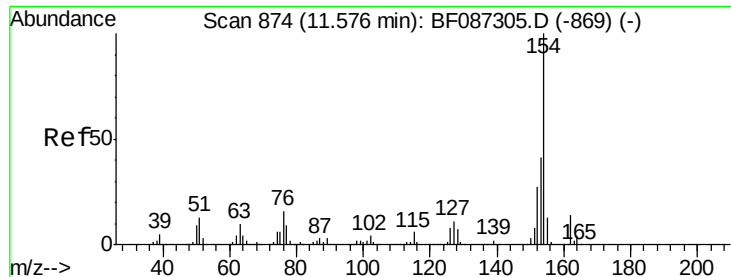
Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.3	77.5	116.3
97	67.1	34.8	52.2
132	40.8	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.11 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 41.86 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

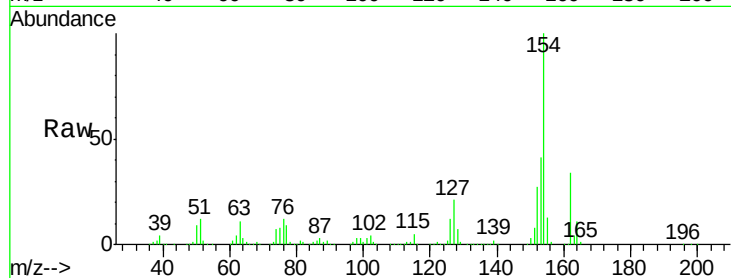
Tgt Ion:154 Resp: 712571

Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

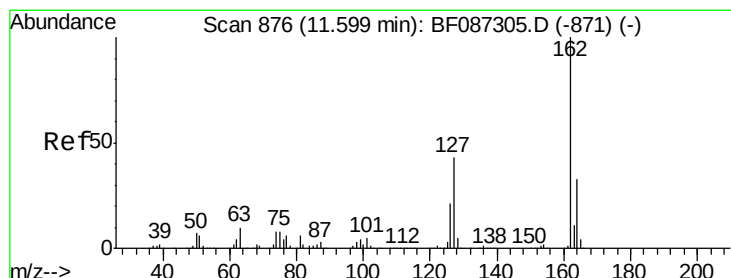
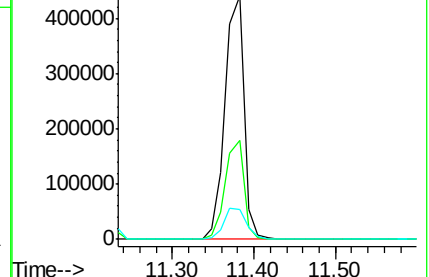
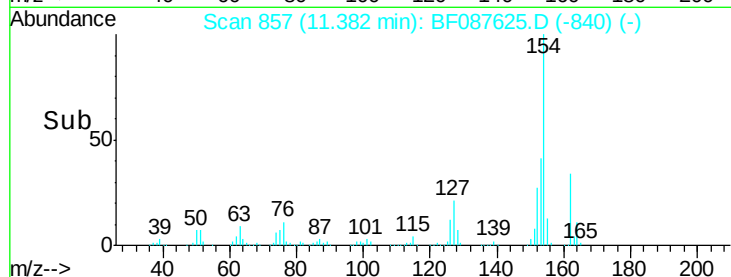
76 12.3 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.07 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

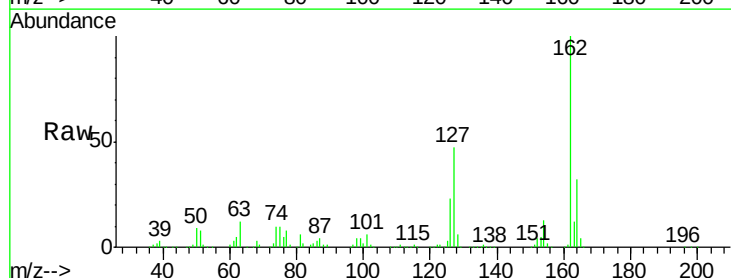
Tgt Ion:162 Resp: 521832

Ion Ratio Lower Upper

162 100

127 46.5 31.8 47.6

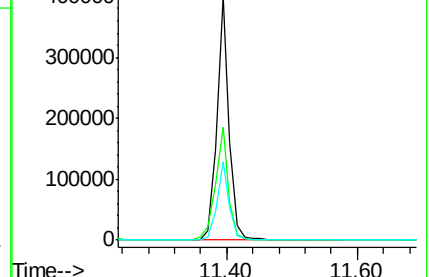
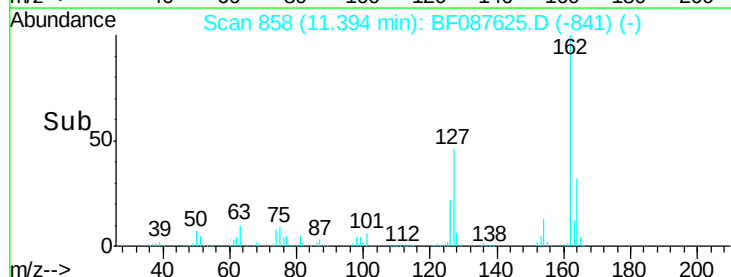
164 32.4 27.0 40.6

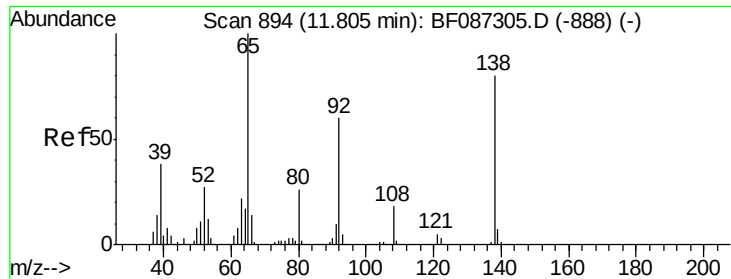


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

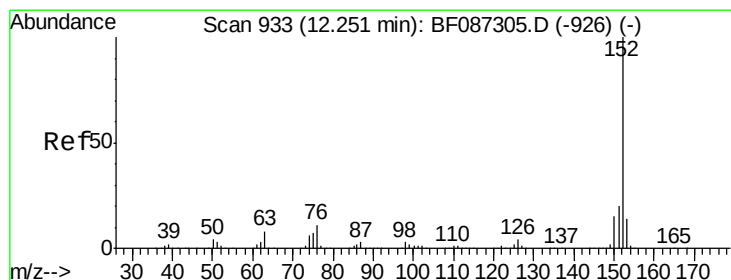
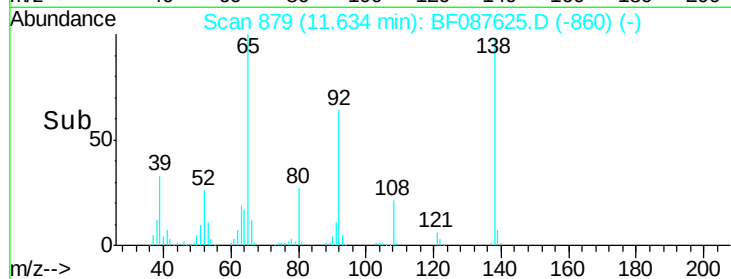
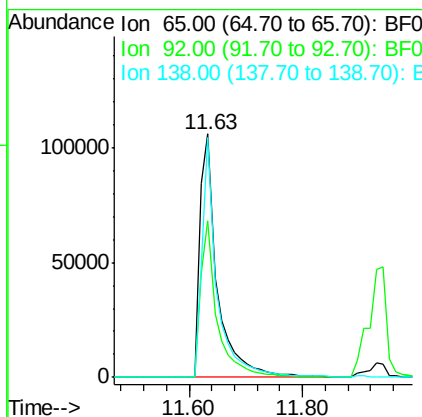
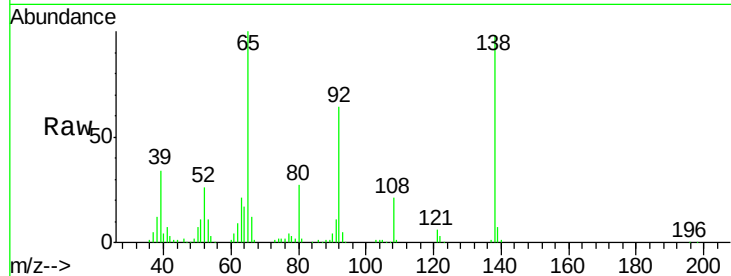




#47
2-Nitroaniline
Concen: 46.60 ng
RT: 11.63 min Scan# 879
Delta R.T. -0.08 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

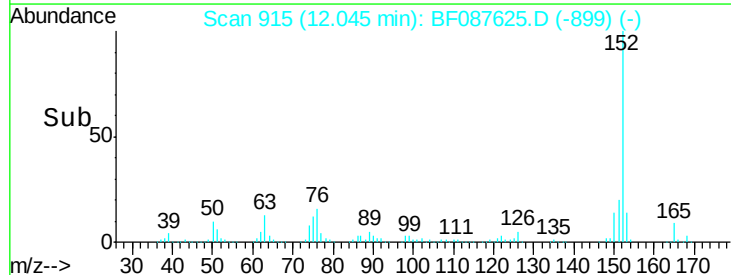
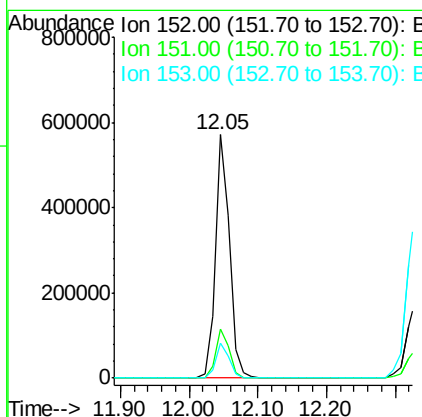
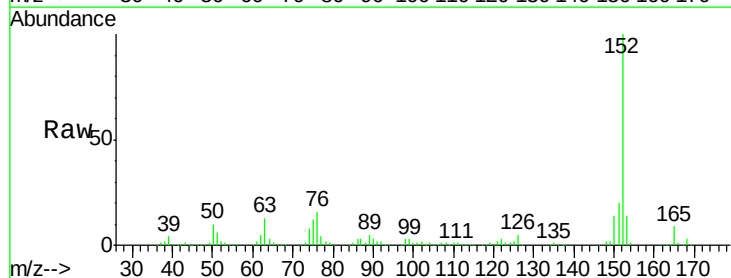
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

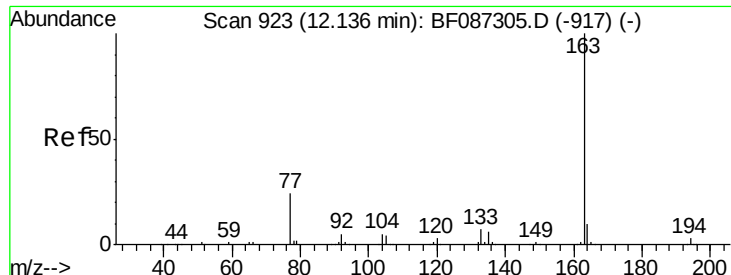
Tgt Ion: 65 Resp: 218654
Ion Ratio Lower Upper
65 100
92 64.3 57.4 86.2
138 98.2 90.1 135.1



#48
Acenaphthylene
Concen: 40.01 ng
RT: 12.05 min Scan# 915
Delta R.T. -0.11 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion: 152 Resp: 824969
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 14.1 10.9 16.3

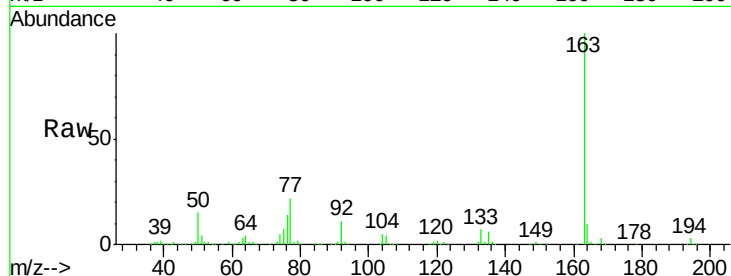




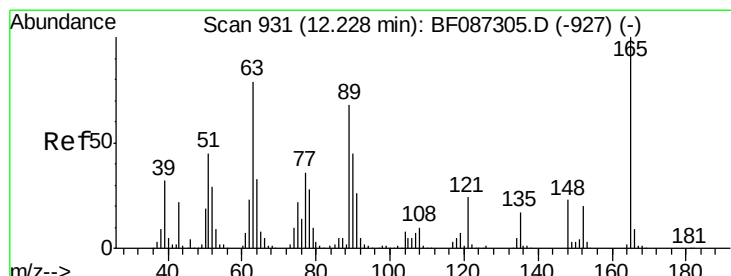
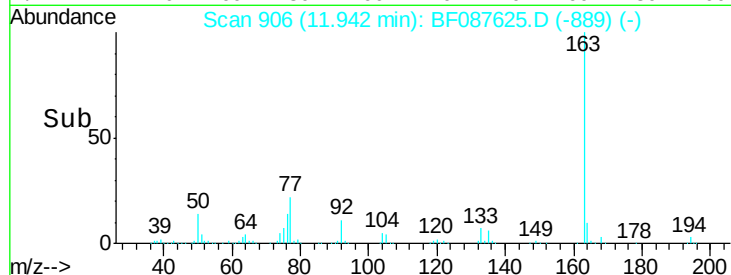
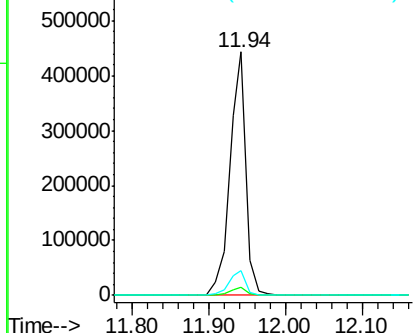
#49
Dimethylphthalate
Concen: 40.35 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB91016BSD

Tgt Ion:163 Resp: 653531
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.2 12.4

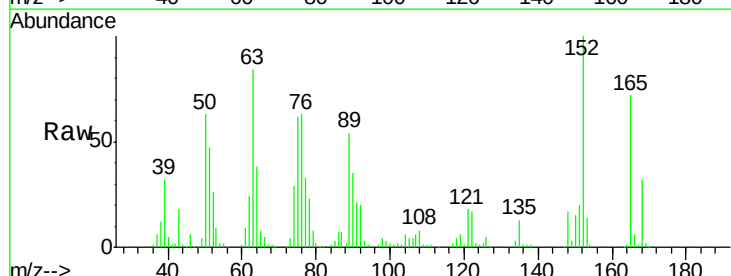


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

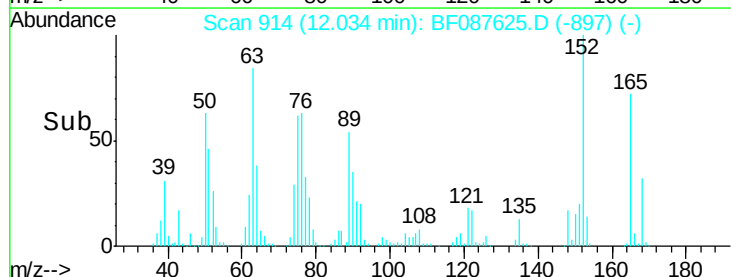
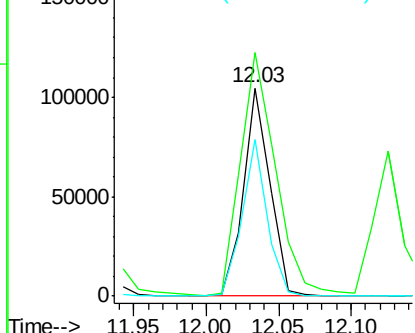


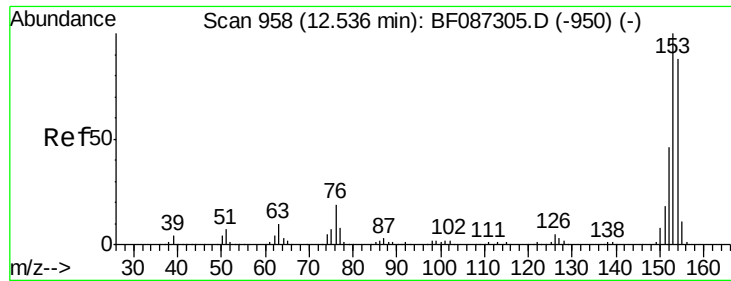
#50
2,6-Dinitrotoluene
Concen: 40.32 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:165 Resp: 131607
Ion Ratio Lower Upper
165 100
63 117.0 51.8 77.8#
89 75.4 50.7 76.1



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

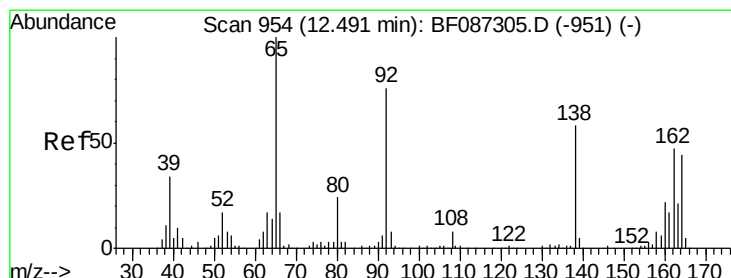
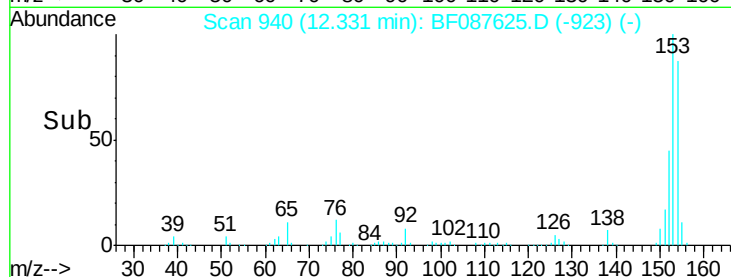
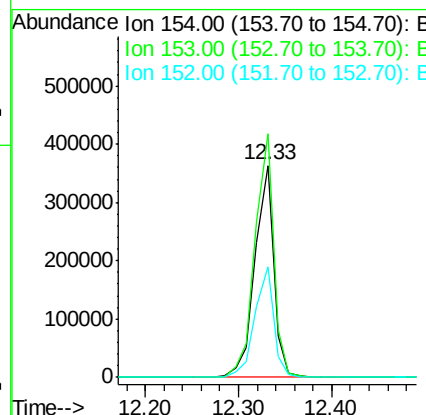
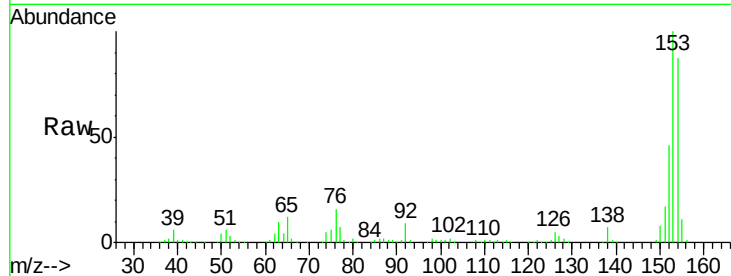




#51
Acenaphthene
Concen: 40.40 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

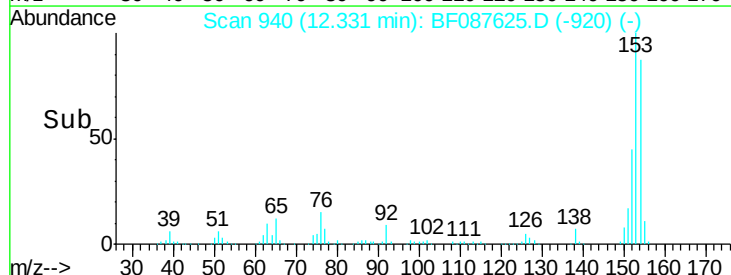
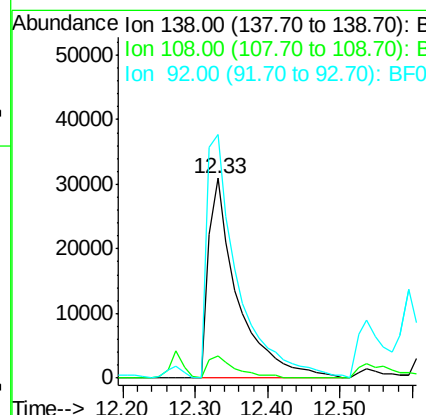
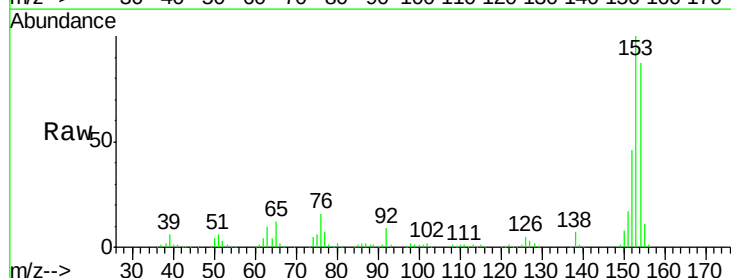
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

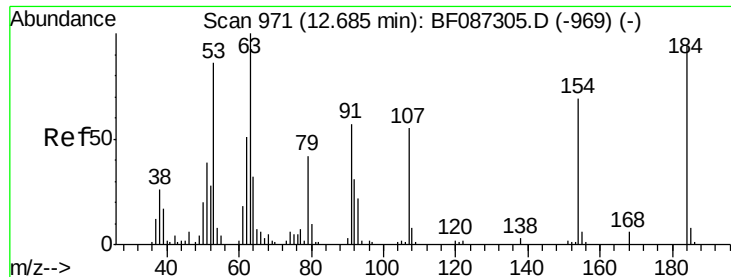
Tgt Ion:154 Resp: 511947
Ion Ratio Lower Upper
154 100
153 114.9 89.8 134.6
152 52.4 43.4 65.0



#52
3-Nitroaniline
Concen: 25.79 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.07 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:138 Resp: 86376
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.6
92 121.9 87.8 131.8

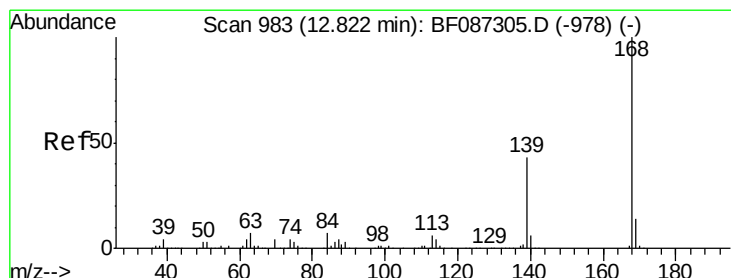
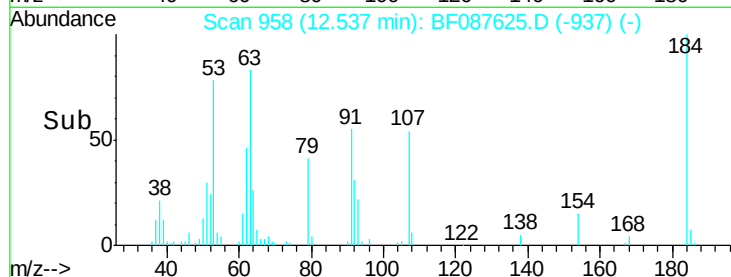
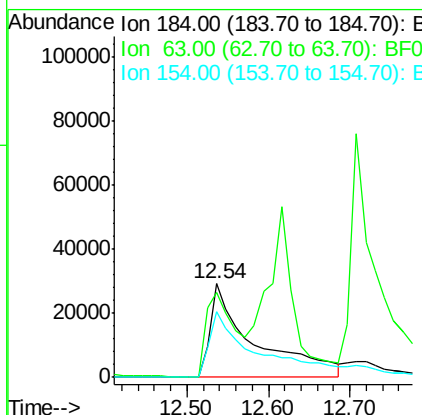
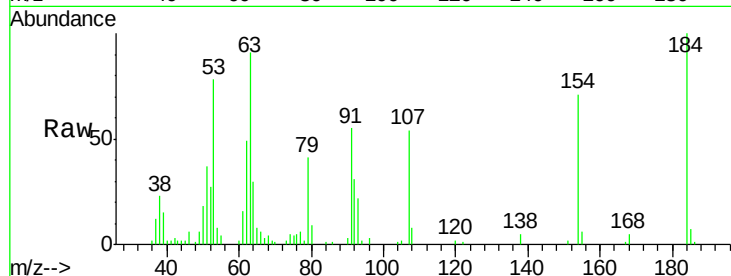




#53
2,4-Dinitrophenol
Concen: 66.41 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.06 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

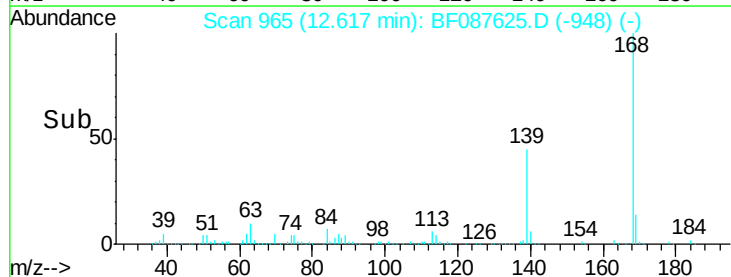
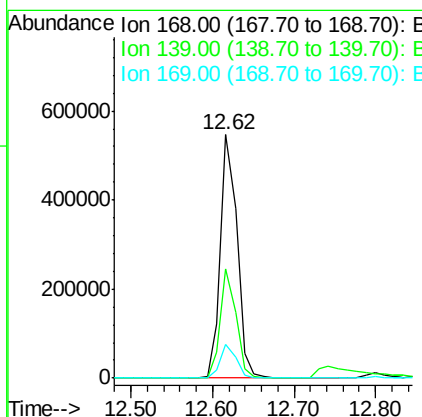
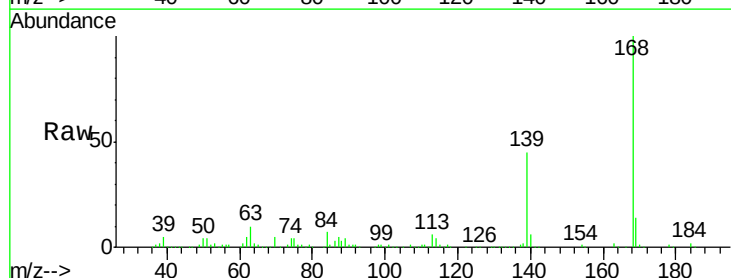
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

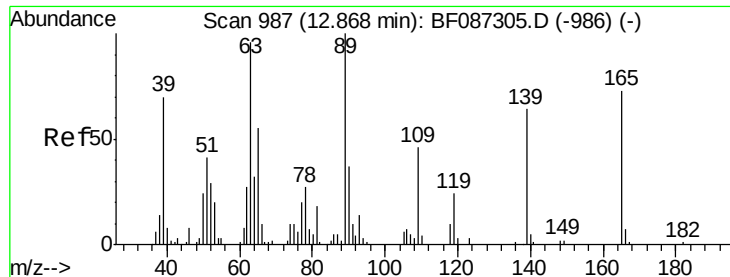
Tgt Ion:184 Resp: 108913
Ion Ratio Lower Upper
184 100
63 91.3 55.8 83.8#
154 70.7 62.4 93.6



#54
Dibenzofuran
Concen: 44.84 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:168 Resp: 769442
Ion Ratio Lower Upper
168 100
139 44.8 31.4 47.0
169 14.0 10.7 16.1

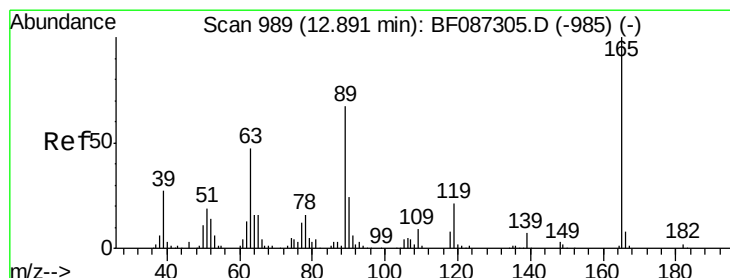
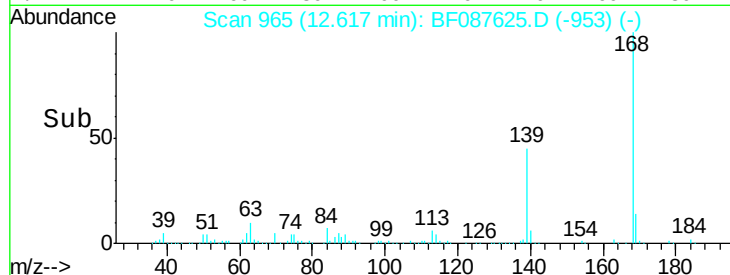
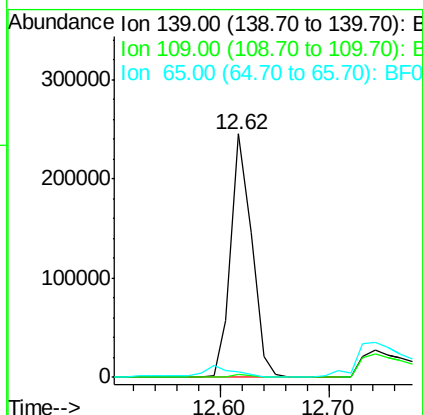
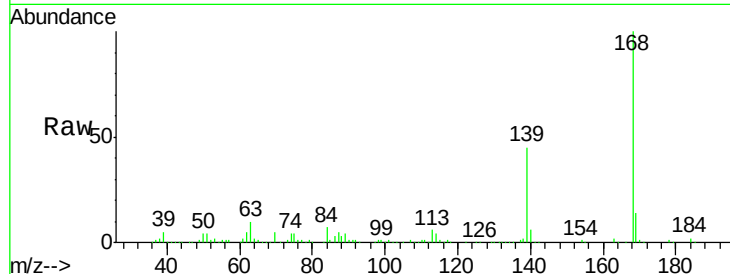




#55
4-Nitrophenol
Concen: 204.94 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.16 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

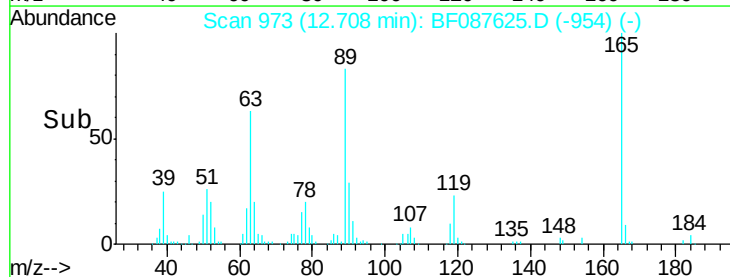
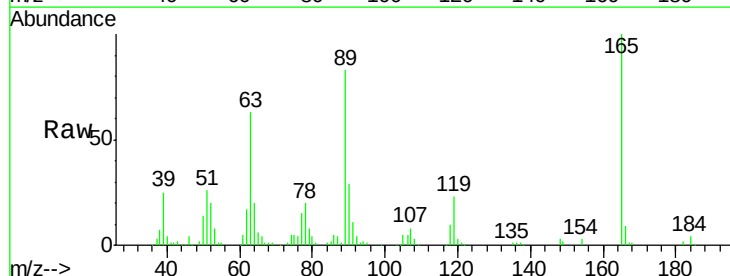
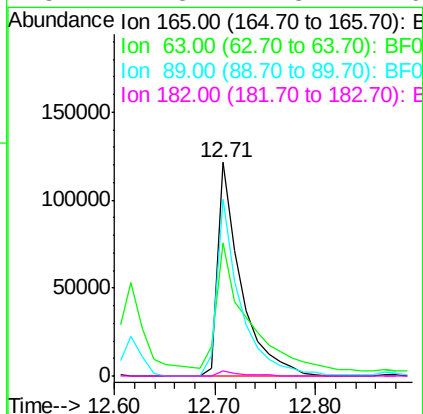
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

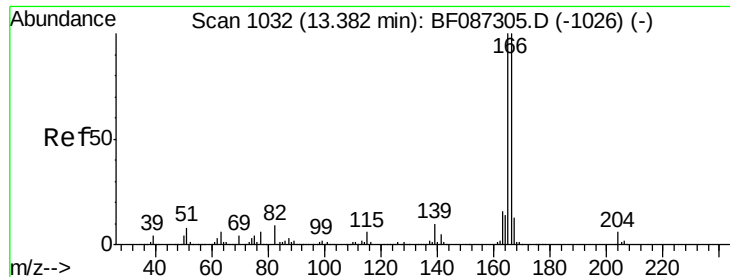
Tgt Ion:139 Resp: 327457
Ion Ratio Lower Upper
139 100
109 1.0 36.9 76.9#
65 2.4 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 44.31 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.08 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:165 Resp: 193287
Ion Ratio Lower Upper
165 100
63 62.5 44.3 66.5
89 82.9 70.0 105.0
182 2.3 1.8 2.6





#57

Fluorene

Concen: 41.57 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

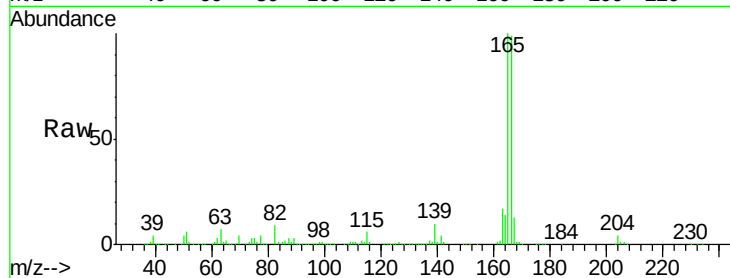
Tgt Ion:166 Resp: 618527

Ion Ratio Lower Upper

166 100

165 101.2 79.0 118.6

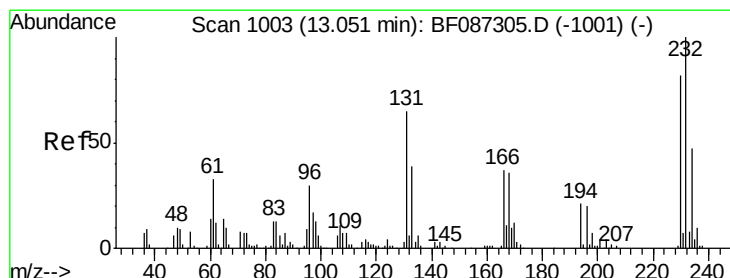
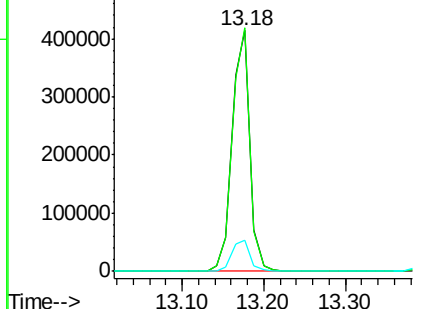
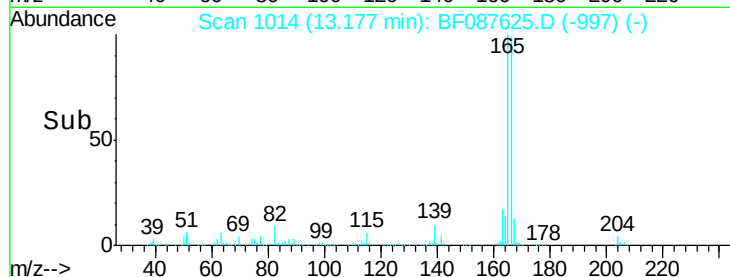
167 13.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.33 ng

RT: 12.87 min Scan# 987

Delta R.T. -0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Tgt Ion:232 Resp: 135591

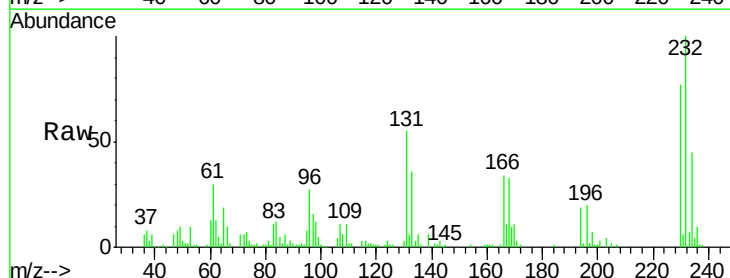
Ion Ratio Lower Upper

232 100

131 52.2 41.9 62.9

130 2.7 2.2 3.4

166 31.9 26.8 40.2

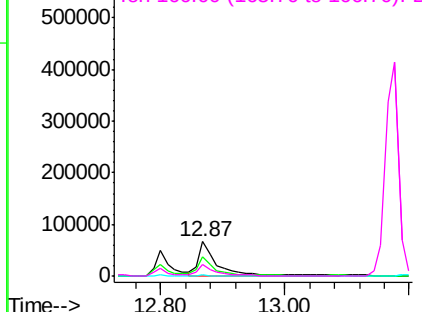
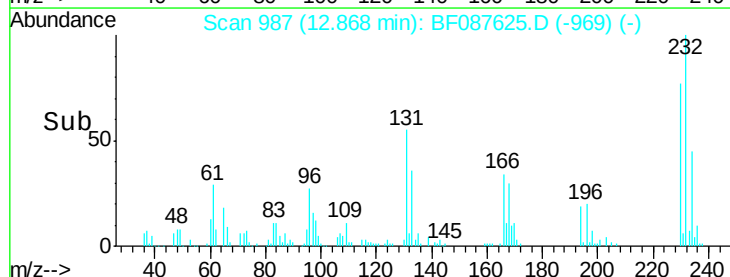


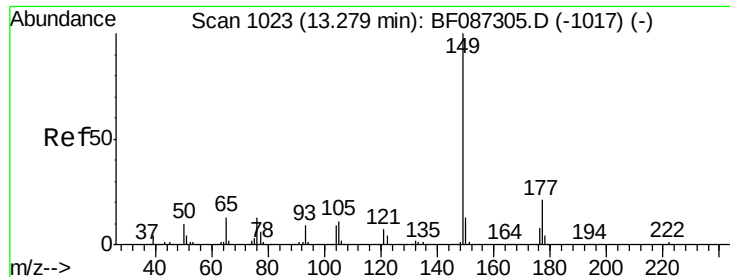
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

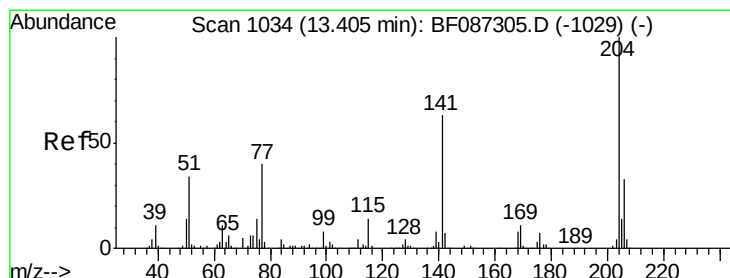
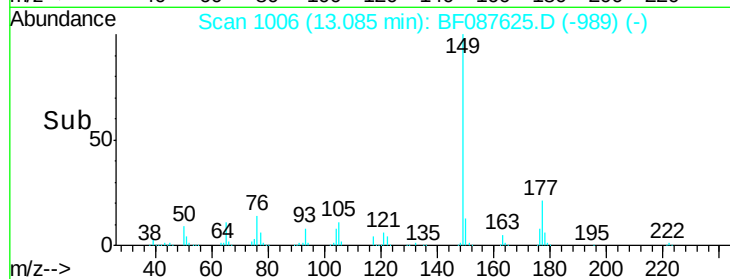
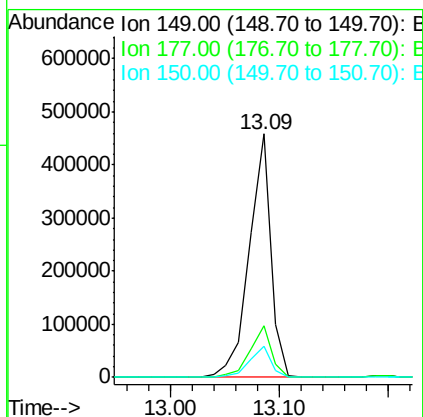
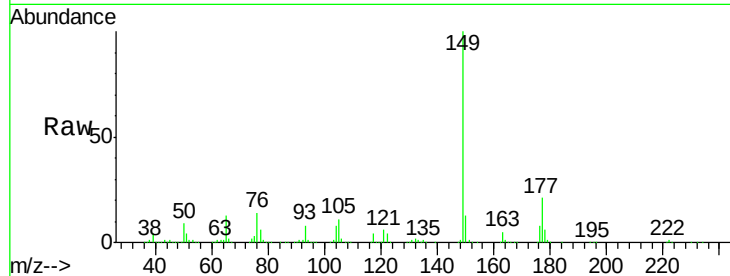




#59
Diethylphthalate
Concen: 40.65 ng
RT: 13.09 min Scan# 1006
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

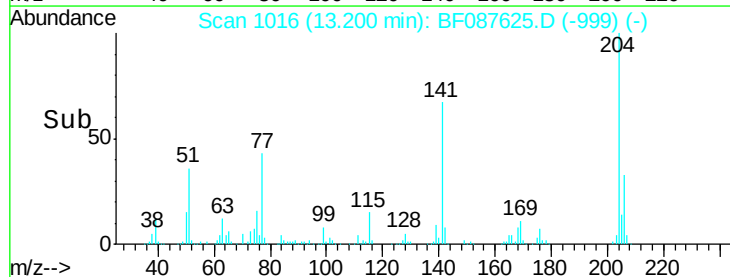
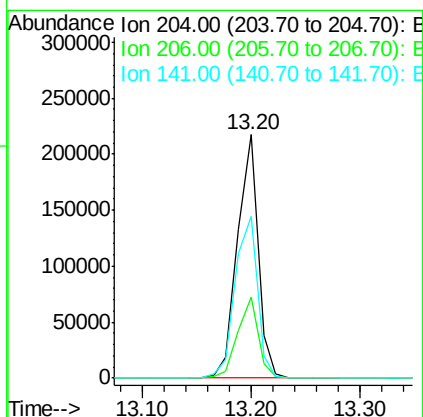
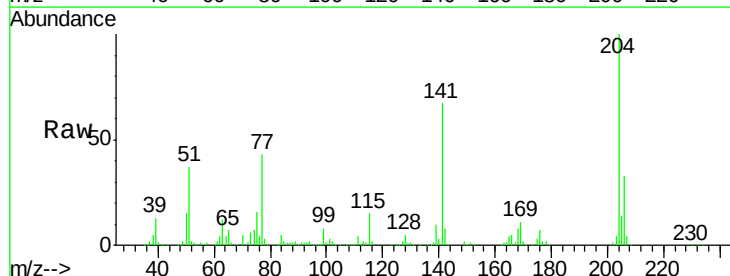
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

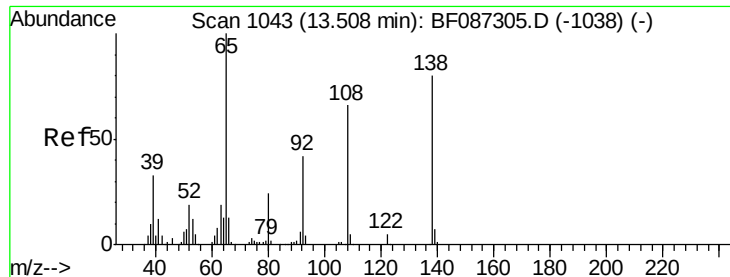
Tgt Ion:149 Resp: 640087
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.6 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 39.33 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:204 Resp: 285406
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 66.6 61.6 92.4





#61

4-Nitroaniline

Concen: 41.36 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

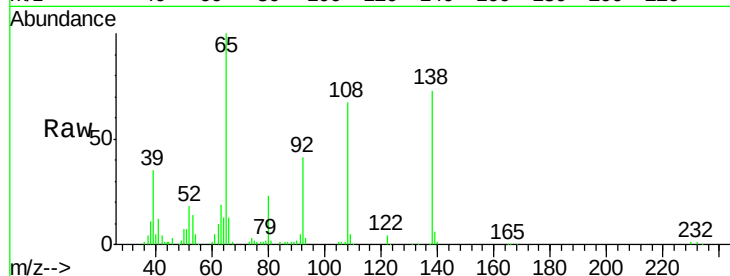
Tgt Ion: 138 Resp: 129291

Ion Ratio Lower Upper

138 100

92 55.6 24.7 64.7

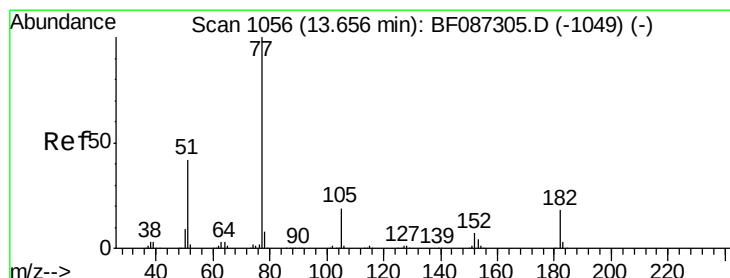
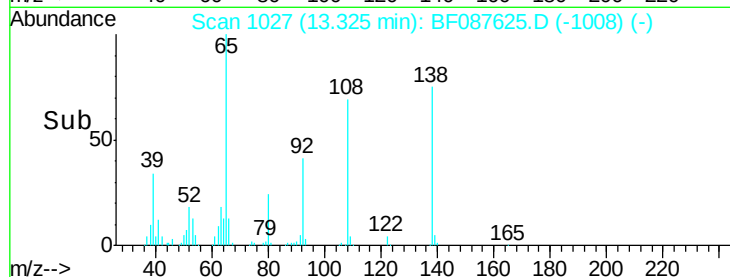
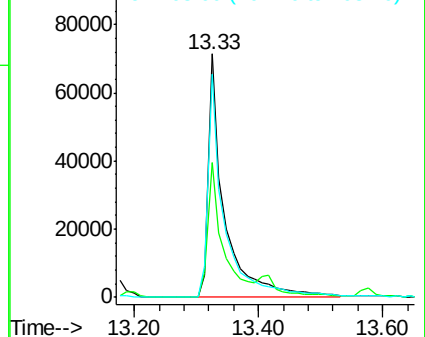
108 91.8 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.14 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.11 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Tgt Ion: 77 Resp: 786520

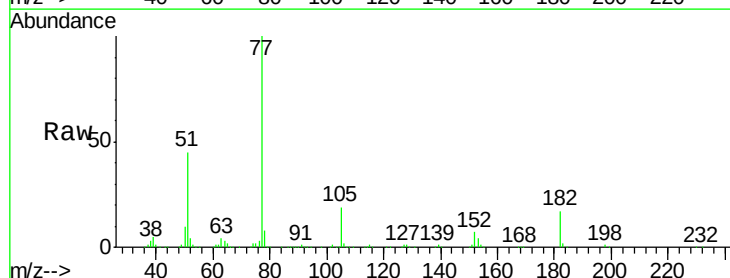
Ion Ratio Lower Upper

77 100

182 16.6 0.0 38.8

105 19.0 3.2 43.2

51 44.8 8.8 48.8

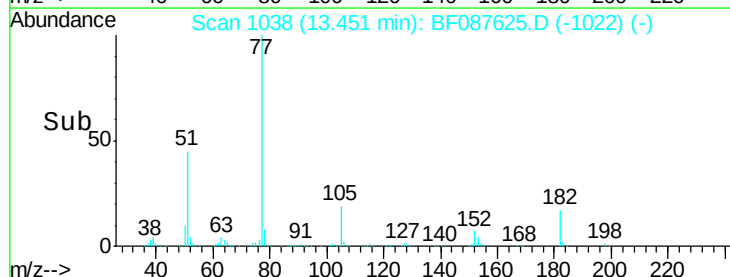
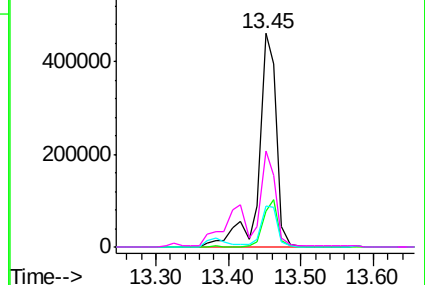


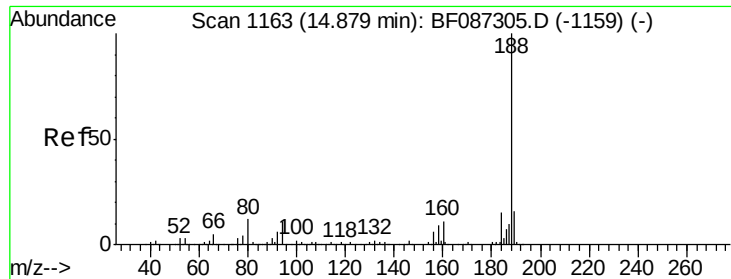
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

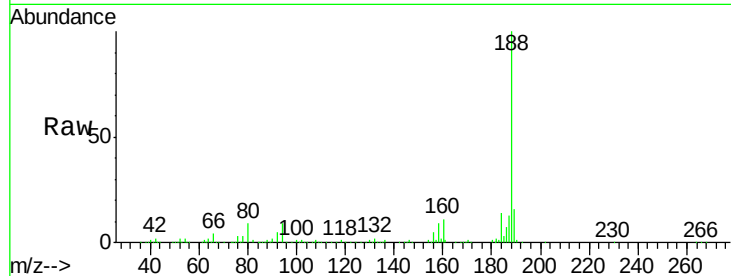
Tgt Ion:188 Resp: 394095

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

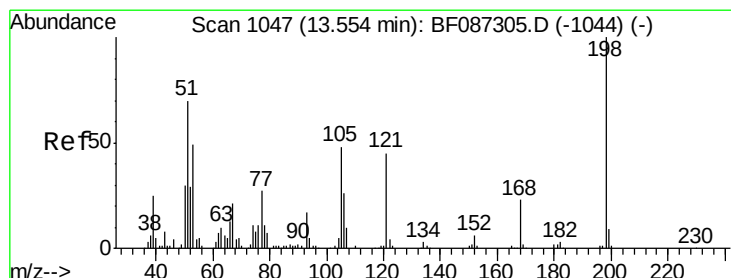
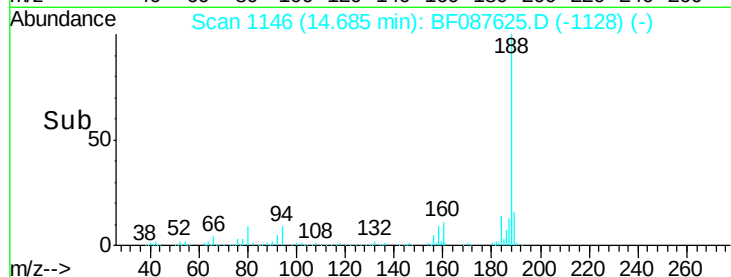
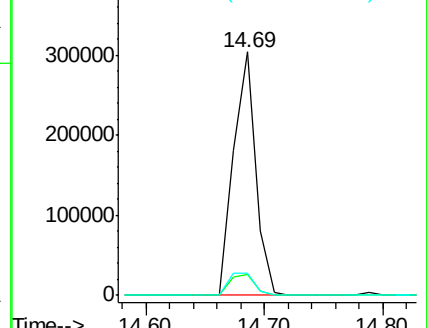
80 9.3 7.1 10.7



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: 33.82 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

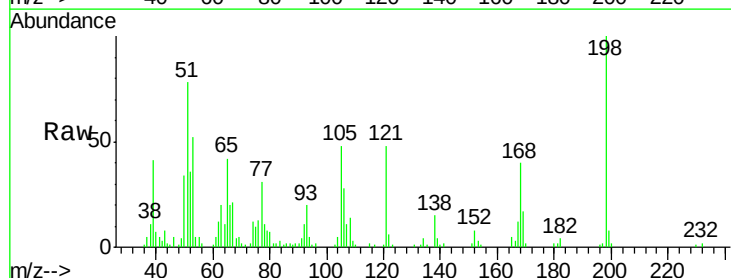
Tgt Ion:198 Resp: 84744

Ion Ratio Lower Upper

198 100

51 77.8 20.5 60.5#

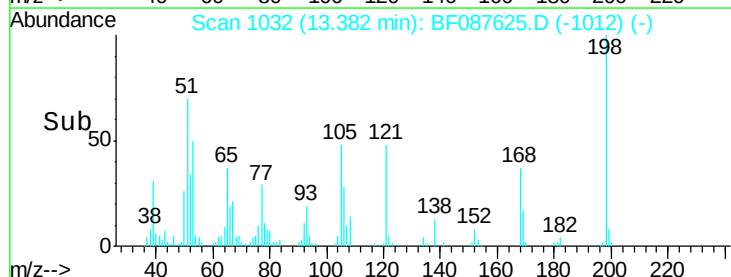
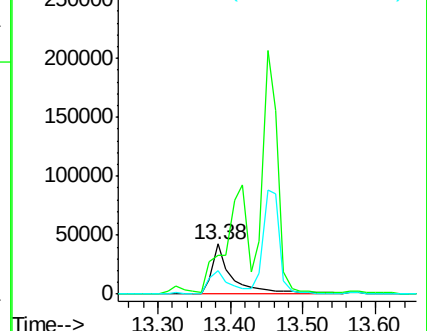
105 47.8 24.5 64.5

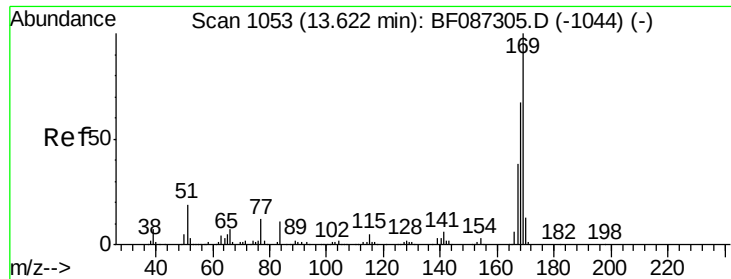


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.34 ng

RT: 13.42 min Scan# 1035

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

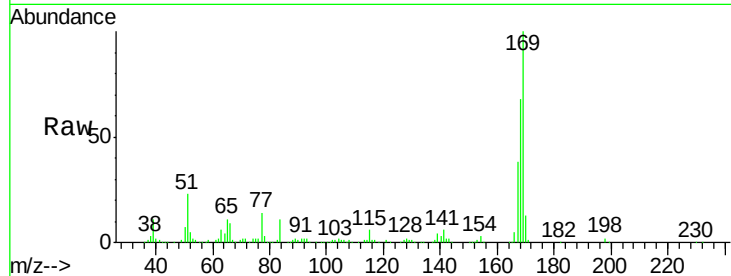
Tgt Ion:169 Resp: 526832

Ion Ratio Lower Upper

169 100

168 68.5 53.8 80.6

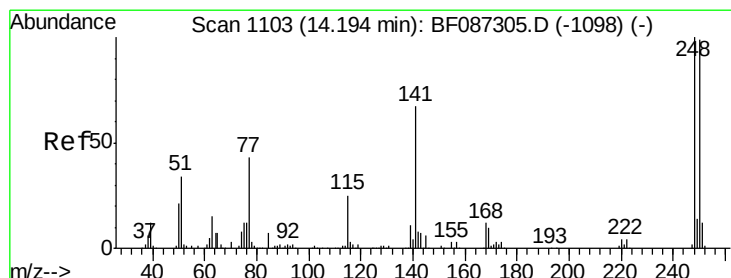
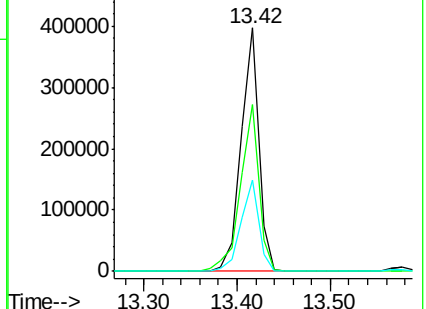
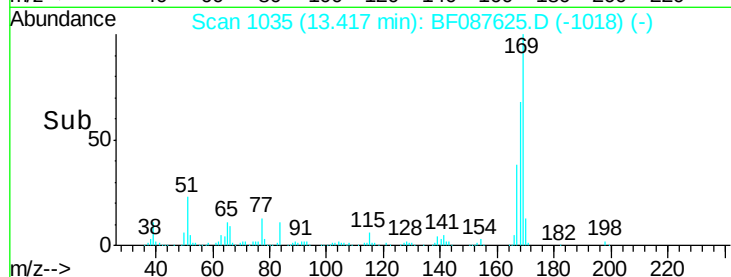
167 37.6 29.5 44.3



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: 38.45 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.11 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

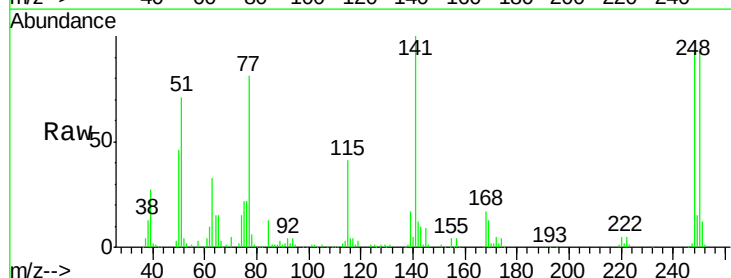
Tgt Ion:248 Resp: 165760

Ion Ratio Lower Upper

248 100

250 98.5 78.6 117.8

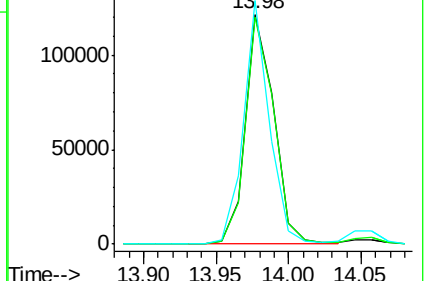
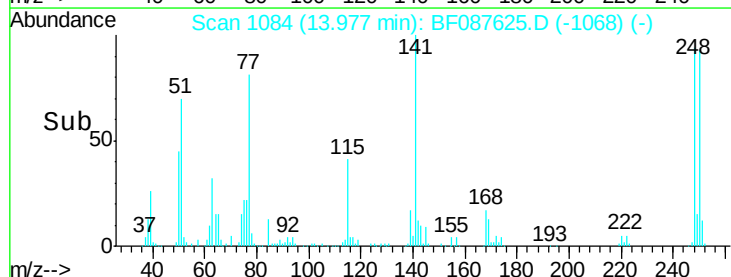
141 105.9 76.0 114.0

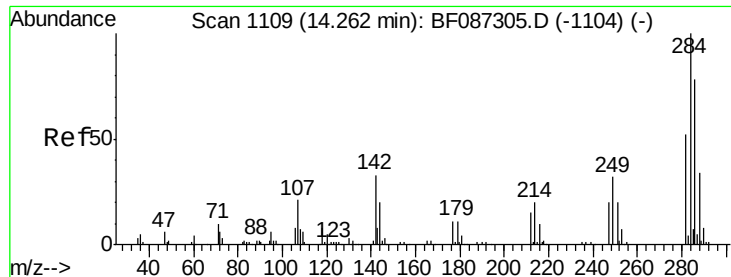


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

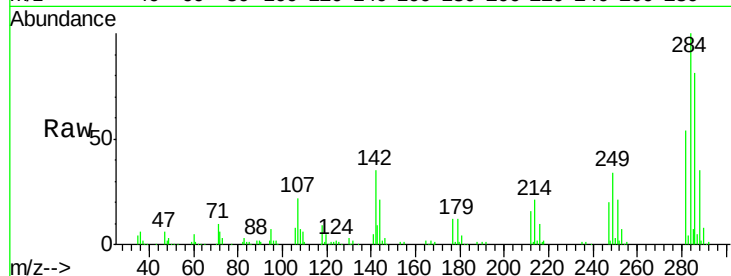




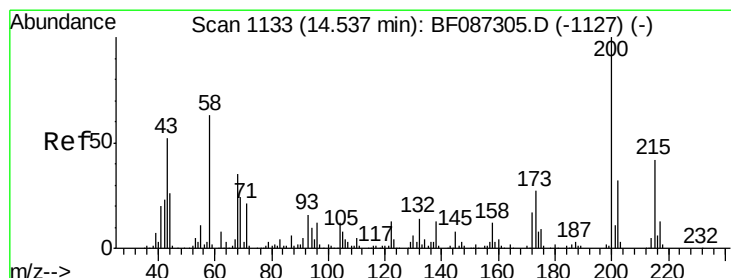
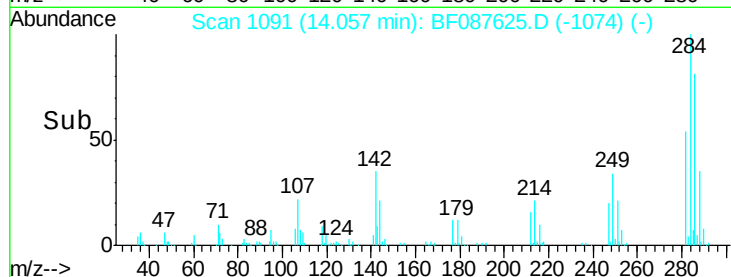
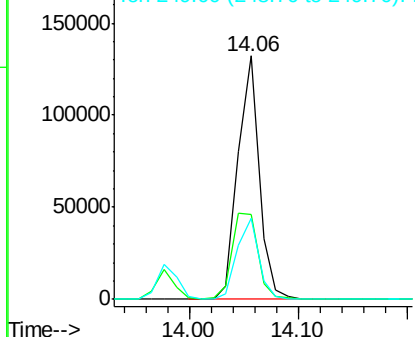
#67
Hexachlorobenzene
Concen: 39.62 ng
RT: 14.06 min Scan# 1091
Delta R.T. -0.10 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB91016BSD

Tgt Ion:284 Resp: 178667
Ion Ratio Lower Upper
284 100
142 34.8 16.7 25.1#
249 33.5 21.3 31.9#

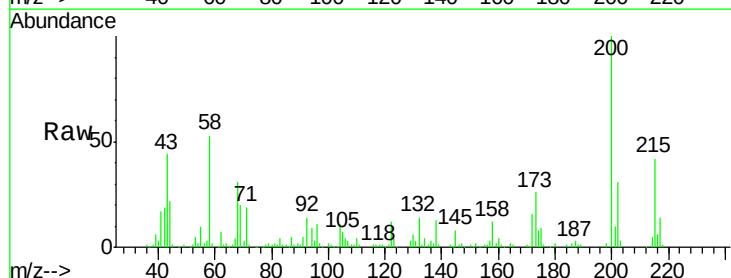


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

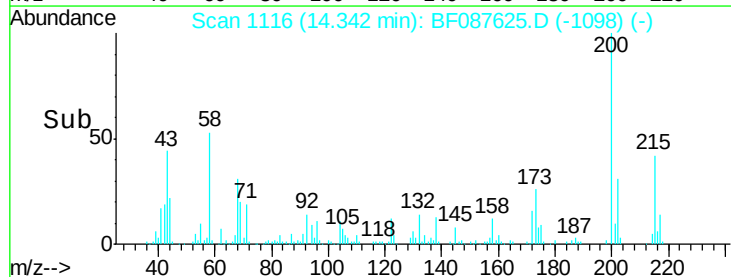
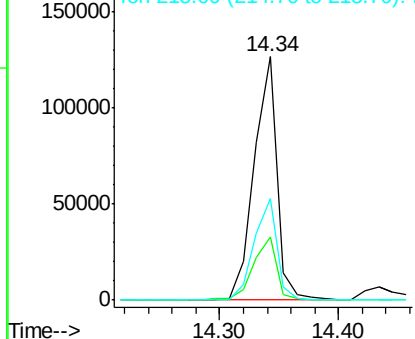


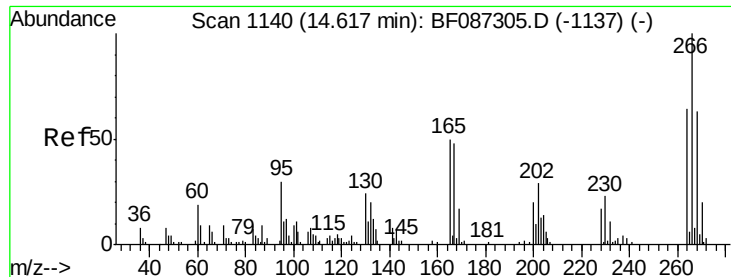
#68
Atrazine
Concen: 42.26 ng
RT: 14.34 min Scan# 1116
Delta R.T. -0.09 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:200 Resp: 171693
Ion Ratio Lower Upper
200 100
173 25.8 8.5 48.5
215 41.7 27.2 67.2



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

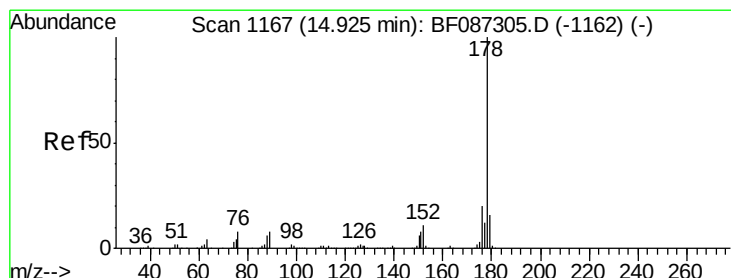
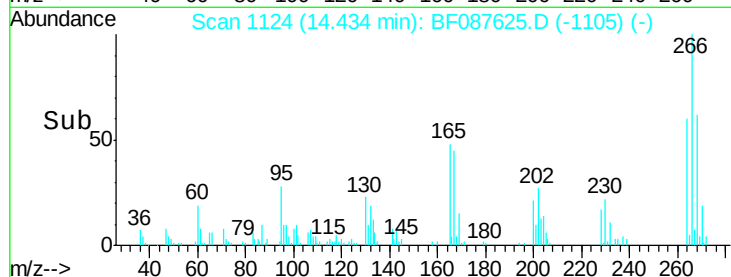
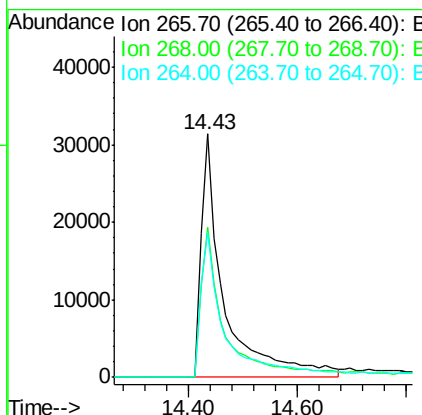
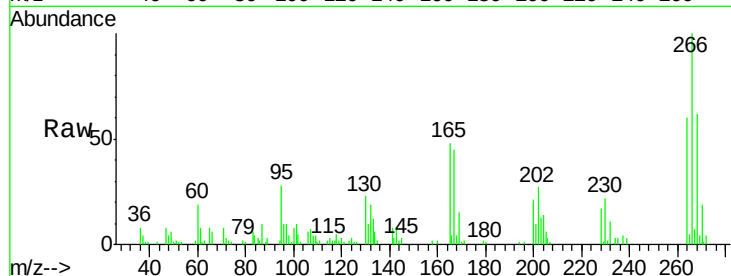




#69
 Pentachlorophenol
 Concen: 66.05 ng
 RT: 14.43 min Scan# 1124
 Delta R.T. -0.08 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

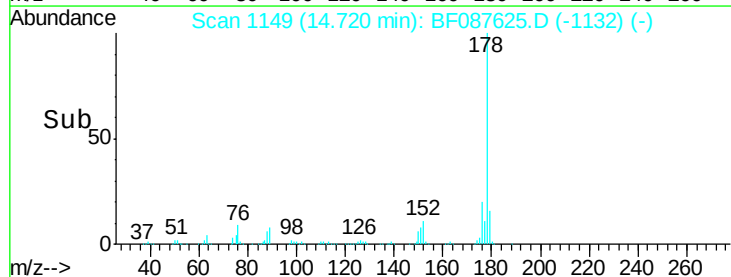
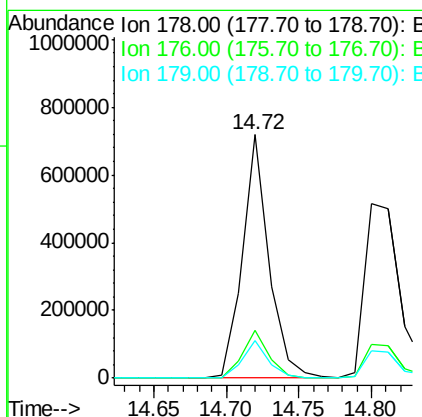
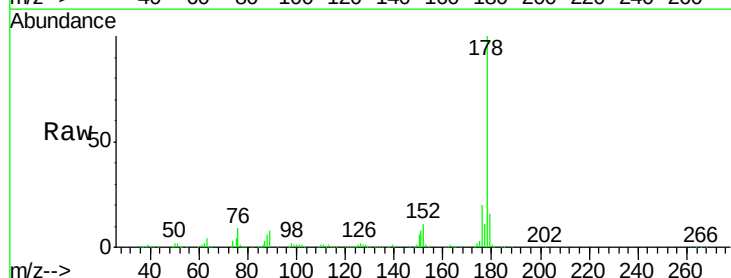
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

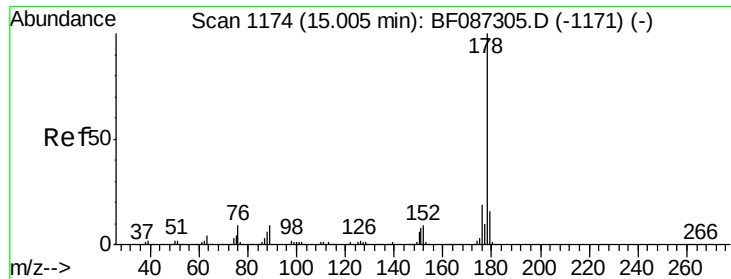
Tgt Ion:266 Resp: 90928
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.5 77.3
 264 59.8 52.9 79.3



#70
 Phenanthrene
 Concen: 41.63 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion:178 Resp: 908854
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.6 12.6 18.8

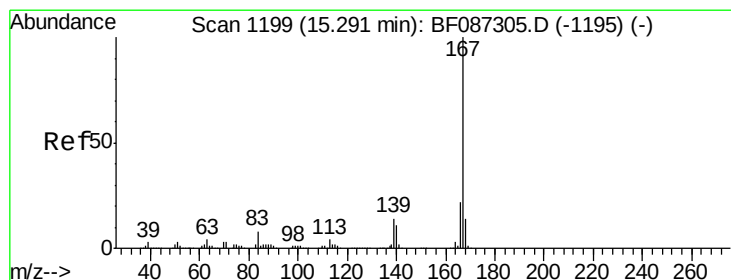
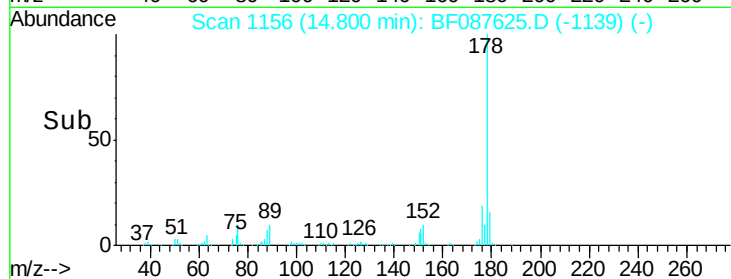
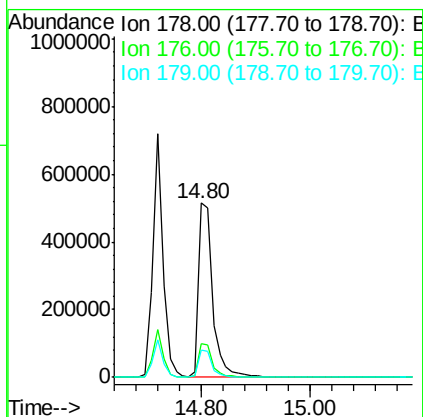
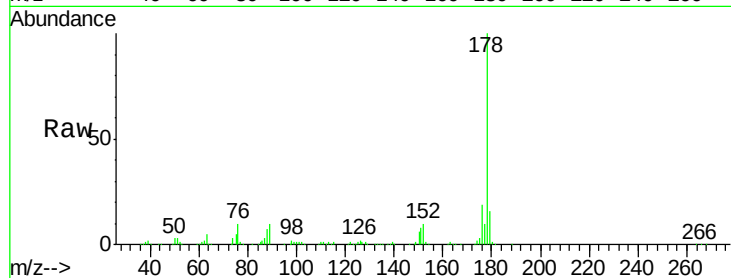




#71
 Anthracene
 Concen: 41.46 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.10 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

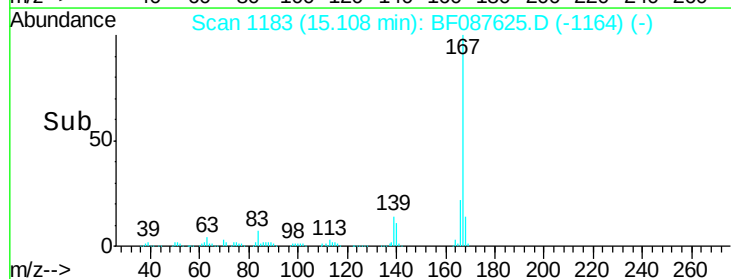
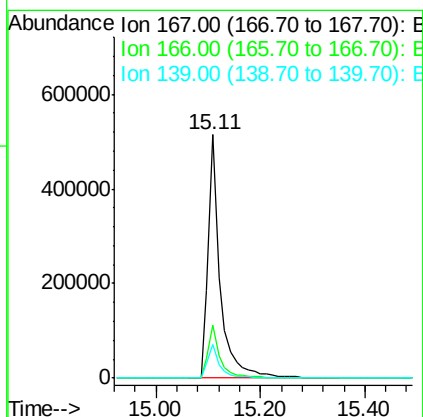
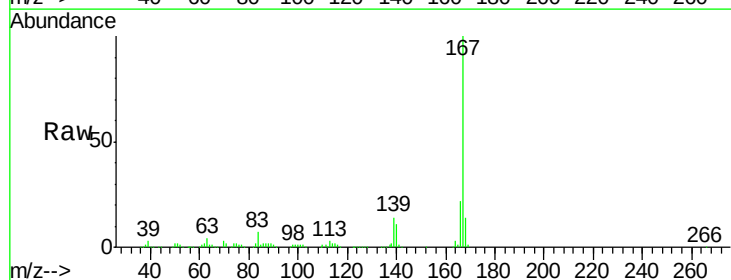
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

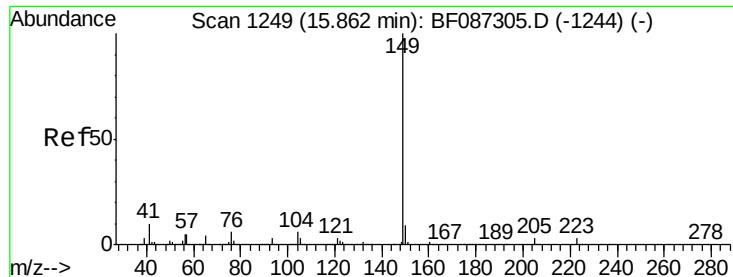
Tgt Ion:178 Resp: 914297
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 43.91 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.08 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion:167 Resp: 825930
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.14 ng

RT: 15.67 min Scan# 1232

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

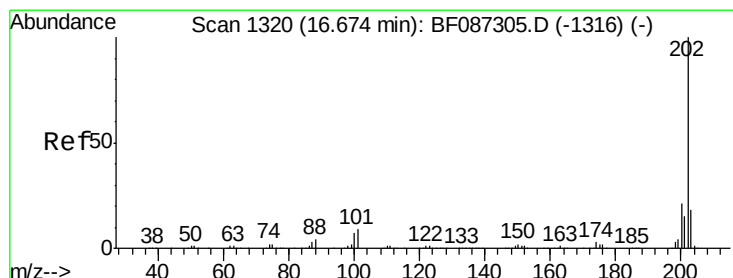
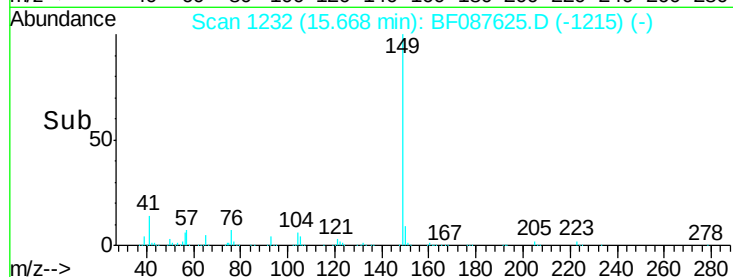
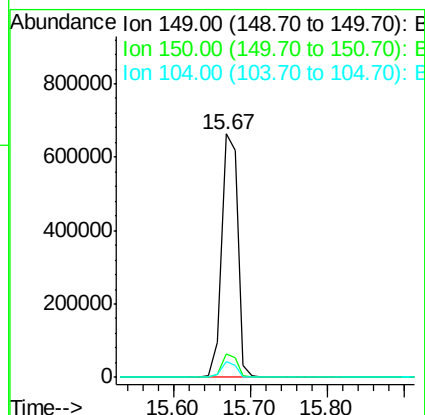
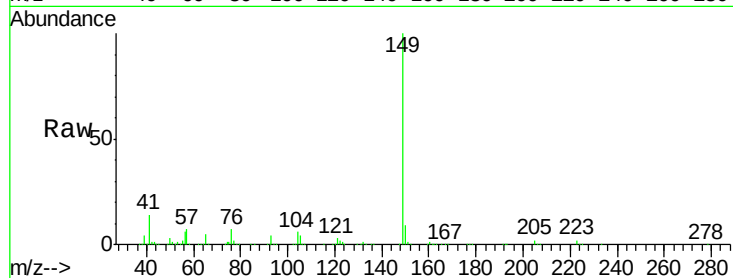
Tgt Ion:149 Resp: 976442

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 6.4 3.8 5.6#



#74

Fluoranthene

Concen: 42.23 ng

RT: 16.49 min Scan# 1304

Delta R.T. -0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

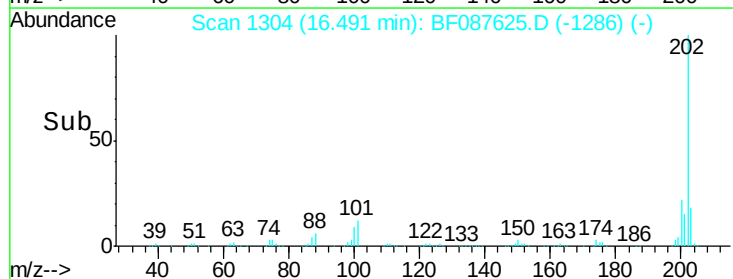
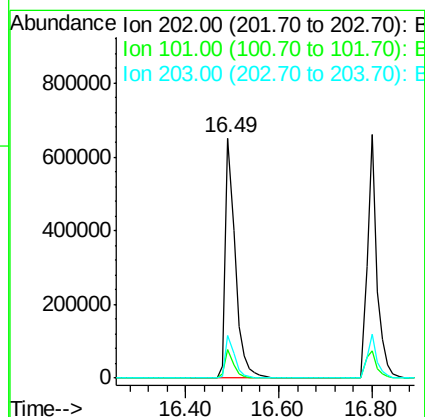
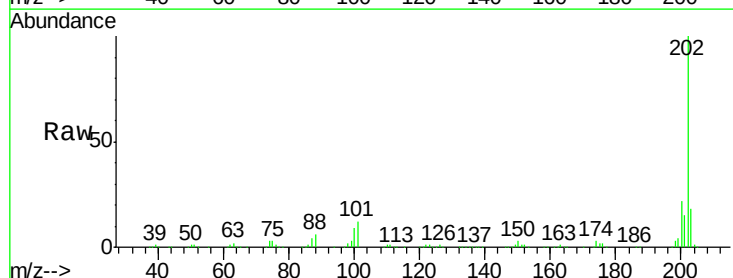
Tgt Ion:202 Resp: 924388

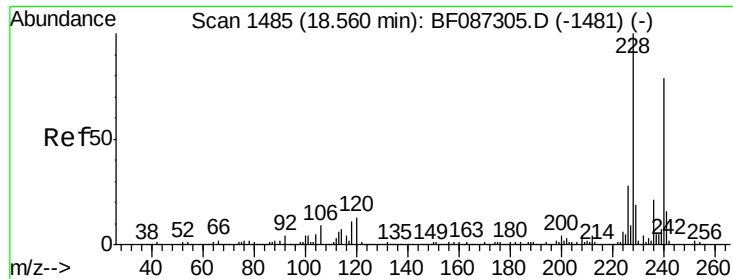
Ion Ratio Lower Upper

202 100

101 11.8 0.0 35.4

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.08 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

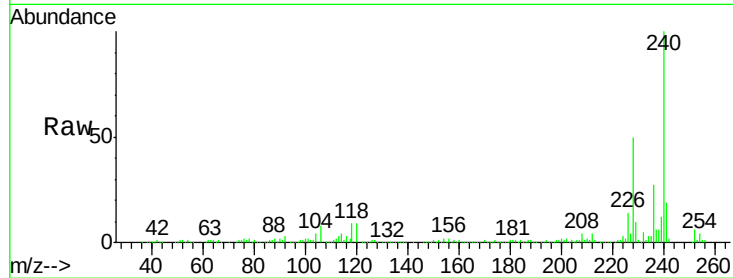
Tgt Ion:240 Resp: 320109

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

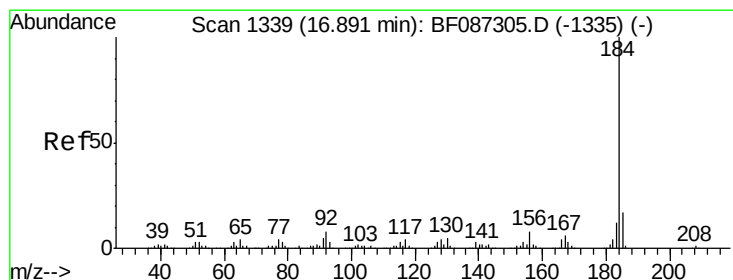
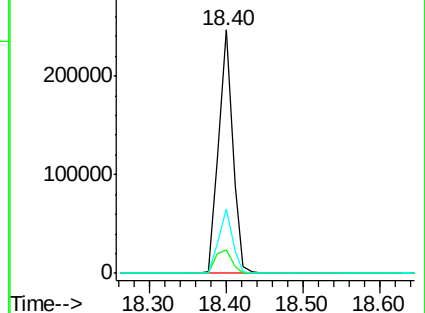
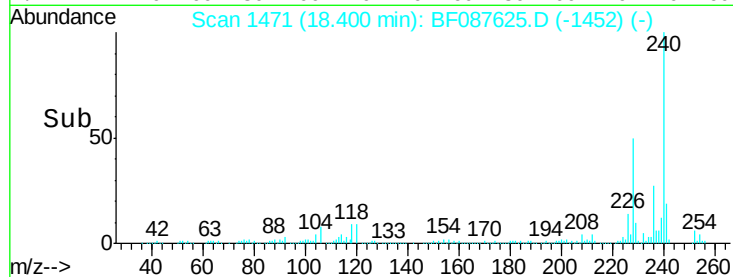
236 26.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.54 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.08 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

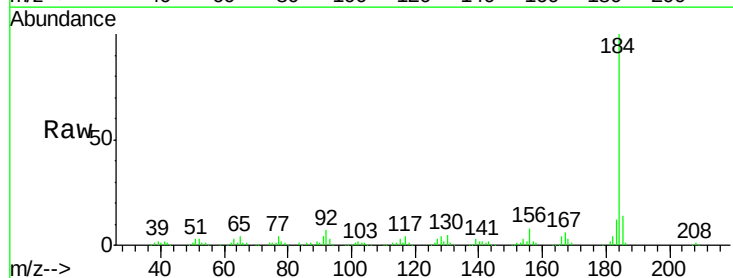
Tgt Ion:184 Resp: 366843

Ion Ratio Lower Upper

184 100

185 14.1 13.6 20.4

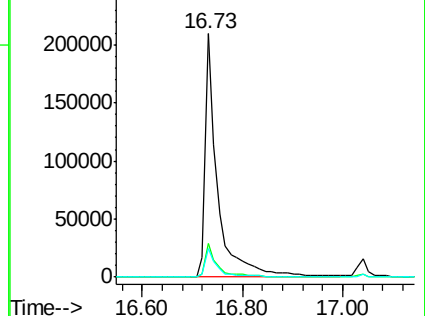
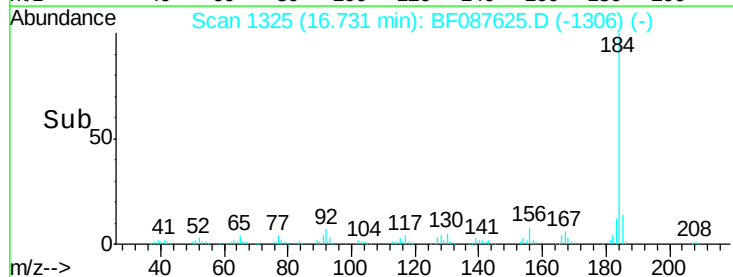
183 12.0 9.8 14.6

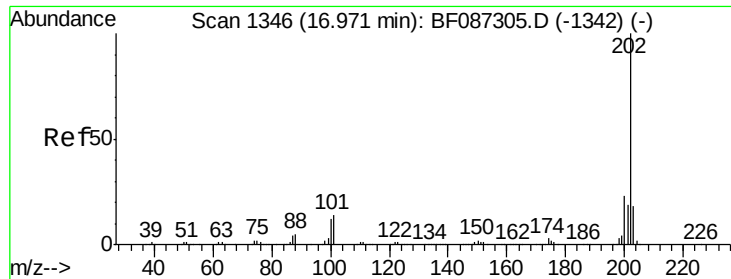


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

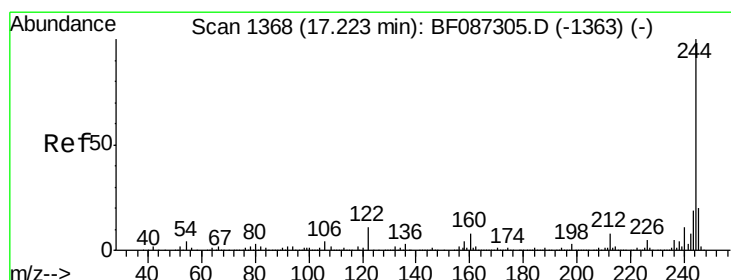
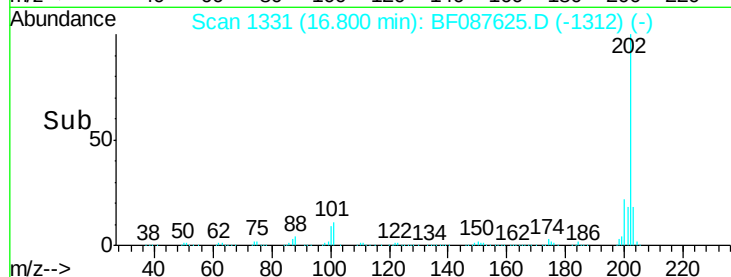
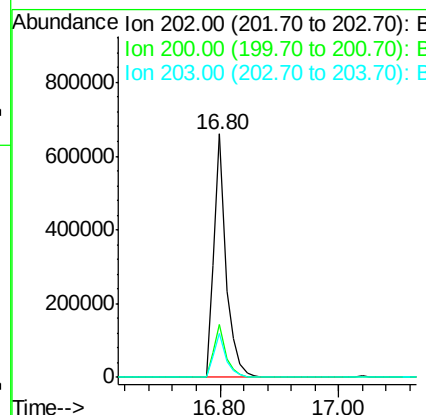
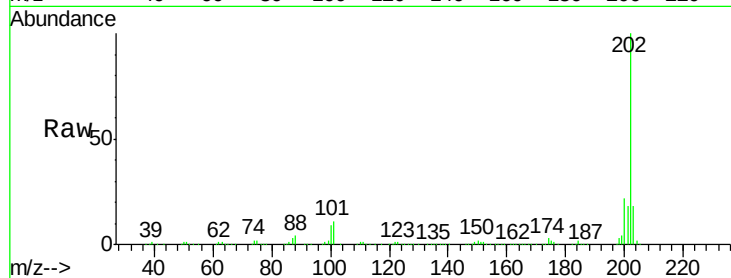




#77
 Pyrene
 Concen: 40.82 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. -0.08 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

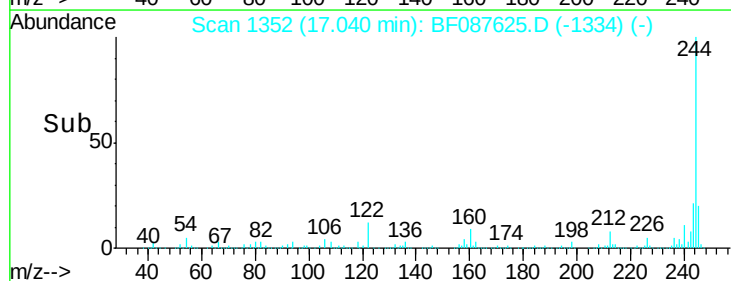
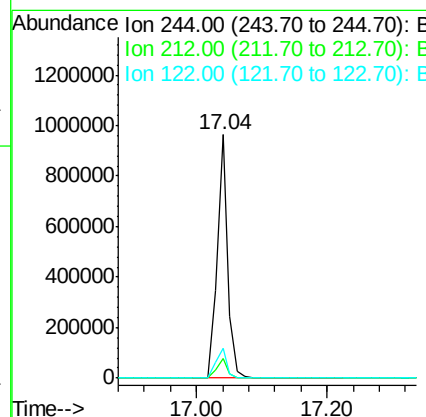
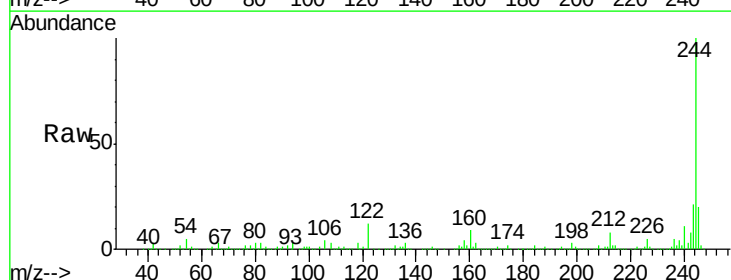
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

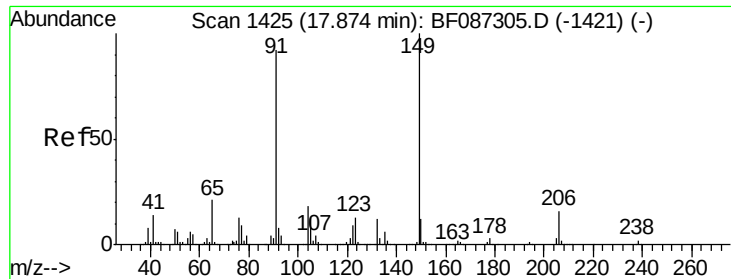
Tgt Ion: 202 Resp: 940685
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 18.2 14.2 21.4



#78
 Terphenyl-d14
 Concen: 73.27 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.09 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion: 244 Resp: 1103181
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.4 12.0 18.0

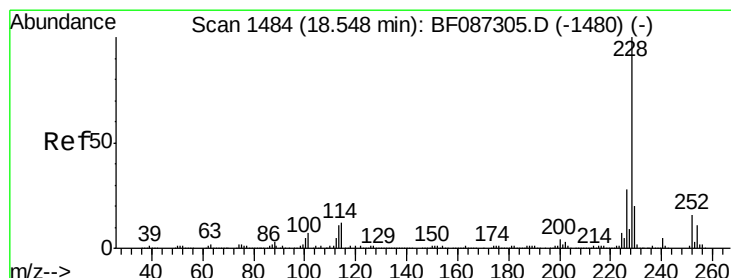
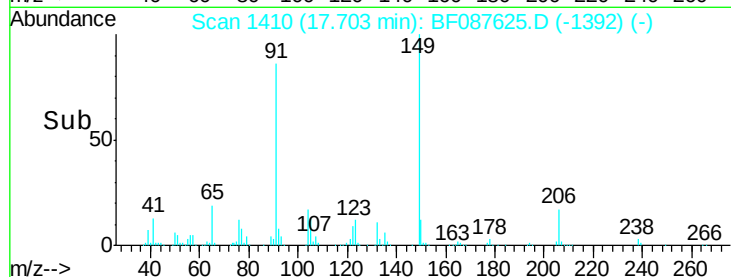
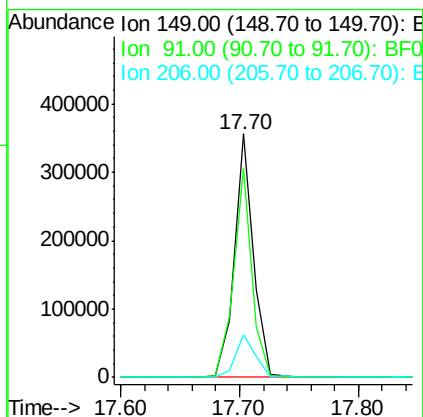
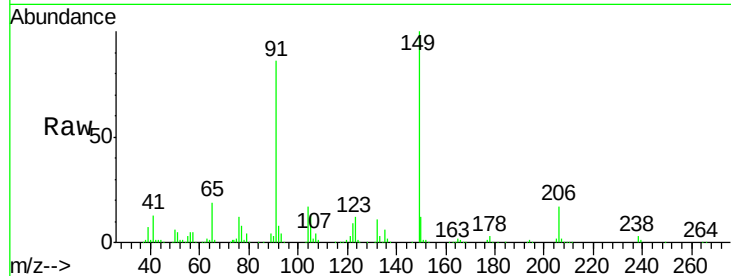




#79
Butylbenzylphthalate
Concen: 38.57 ng
RT: 17.70 min Scan# 1410
Delta R.T. -0.09 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

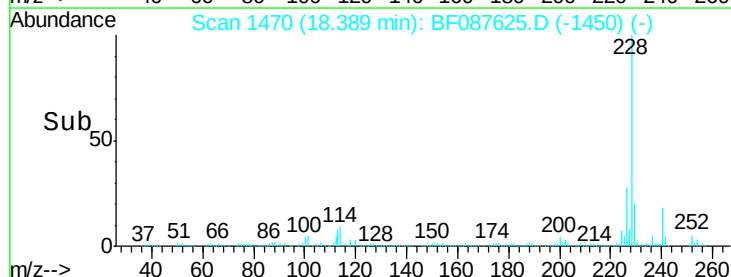
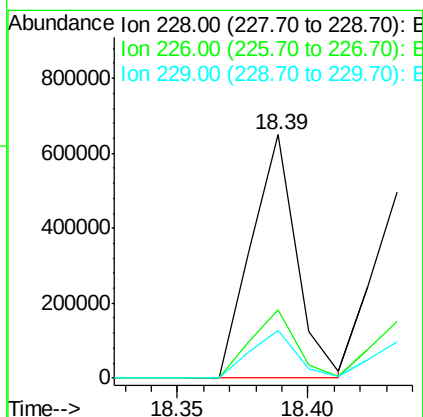
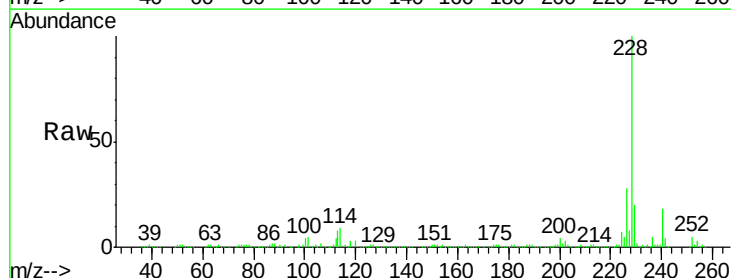
Instrument :
BNA_F
ClientSampleId :
PB91016BSD

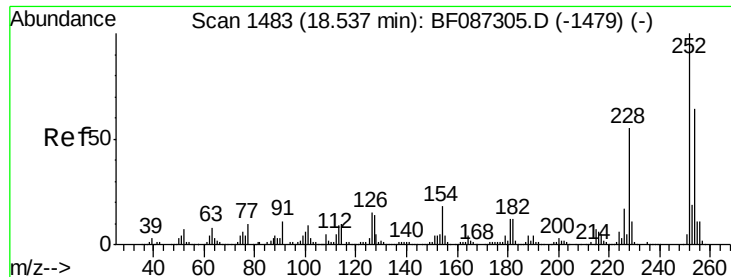
Tgt Ion:149 Resp: 394153
Ion Ratio Lower Upper
149 100
91 85.6 48.0 72.0#
206 17.3 15.8 23.6



#80
Benzo(a)anthracene
Concen: 42.47 ng
RT: 18.39 min Scan# 1470
Delta R.T. -0.07 min
Lab File: BF087625.D
Acq: 1 Jun 2016 19:43

Tgt Ion:228 Resp: 773390
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 19.7 16.6 25.0

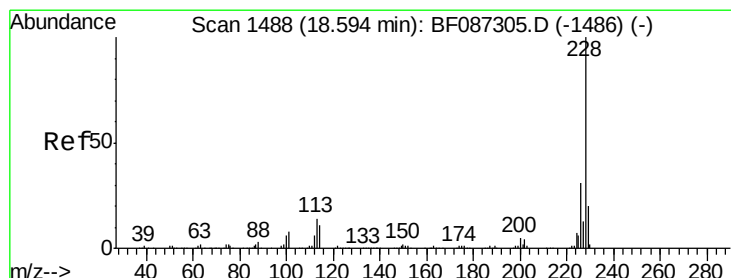
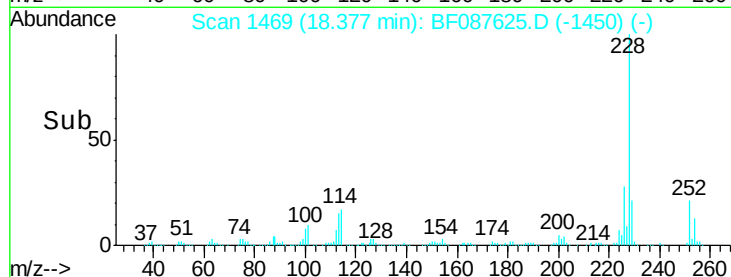
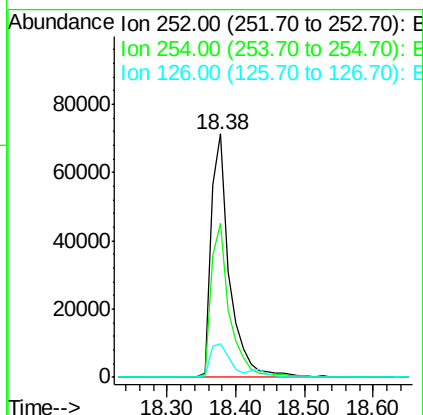
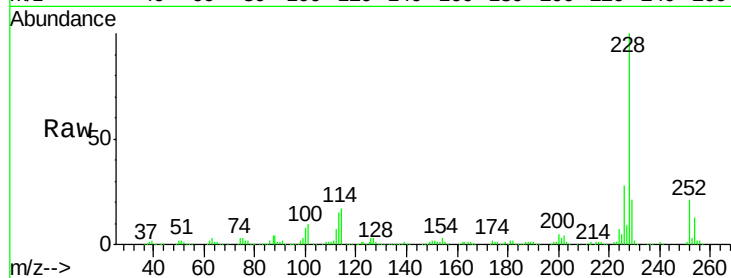




#81
 3,3'-Dichlorobenzidine
 Concen: 13.37 ng
 RT: 18.38 min Scan# 1469
 Delta R.T. -0.08 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

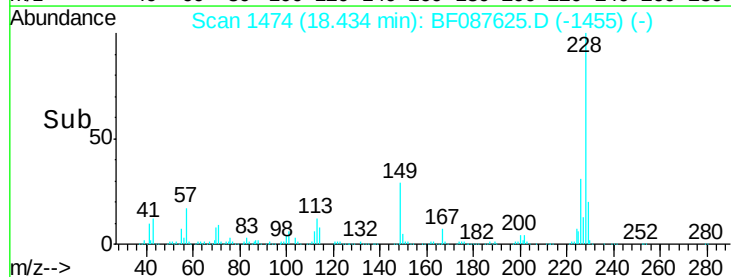
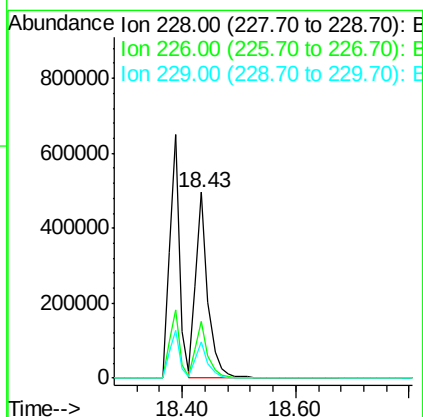
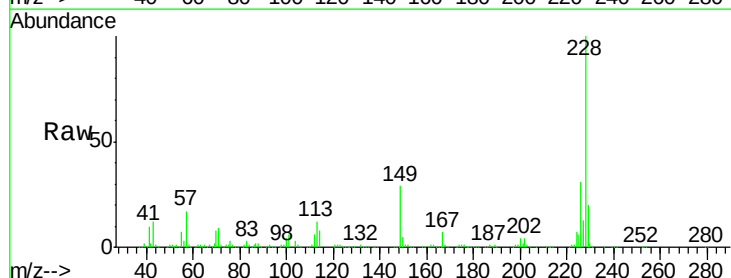
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

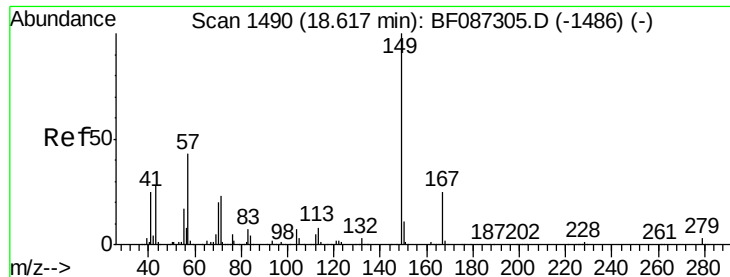
Tgt Ion:252 Resp: 134529
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 13.9 12.7 19.1



#82
 Chrysene
 Concen: 40.75 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.08 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion:228 Resp: 736417
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.15 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

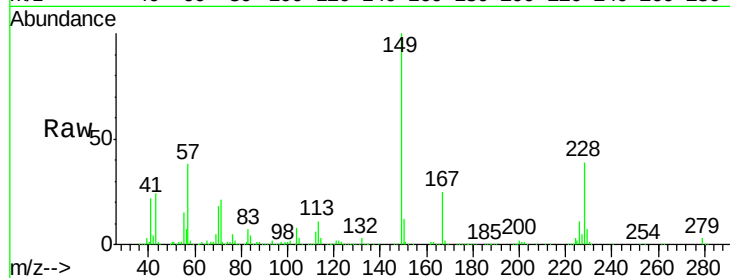
Tgt Ion:149 Resp: 538944

Ion Ratio Lower Upper

149 100

167 25.0 21.8 32.6

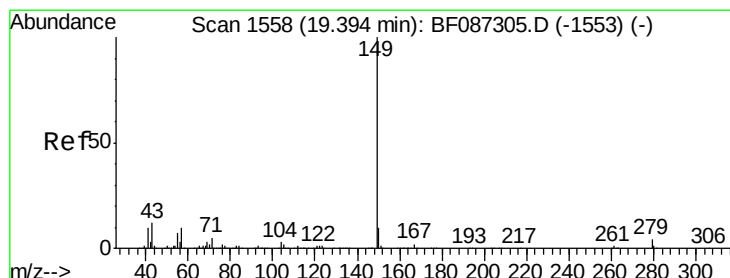
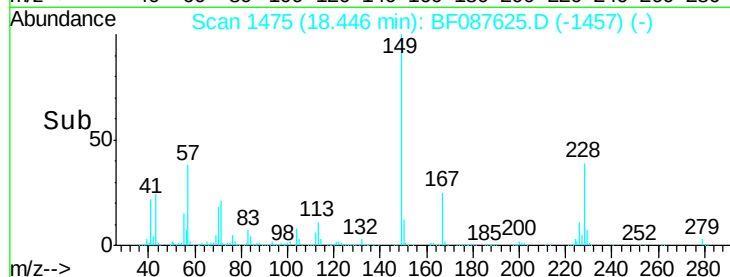
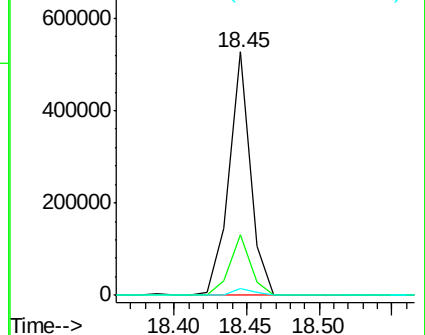
279 2.7 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.34 ng

RT: 19.21 min Scan# 1542

Delta R.T. -0.10 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

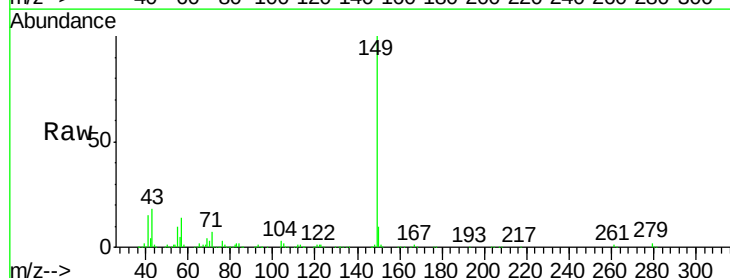
Tgt Ion:149 Resp: 894470

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

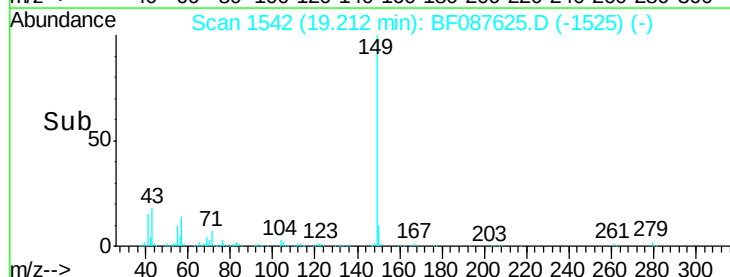
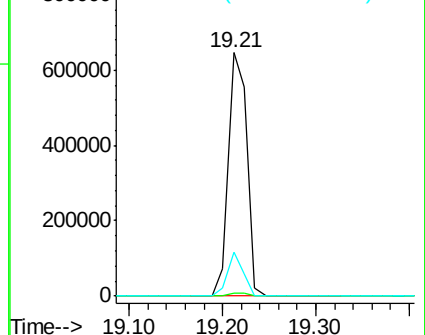
43 15.3 8.2 12.4#

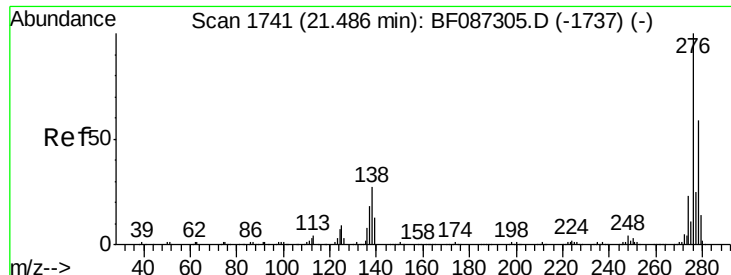


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

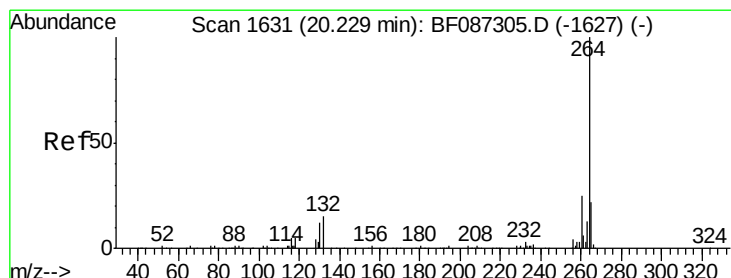
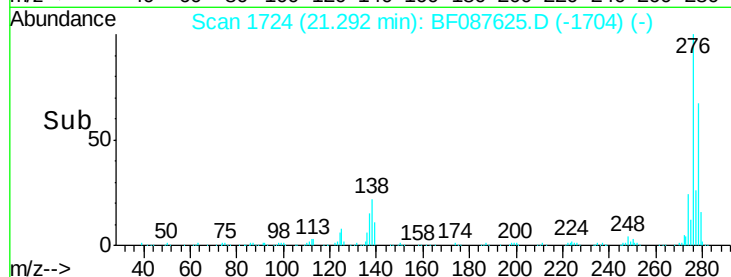
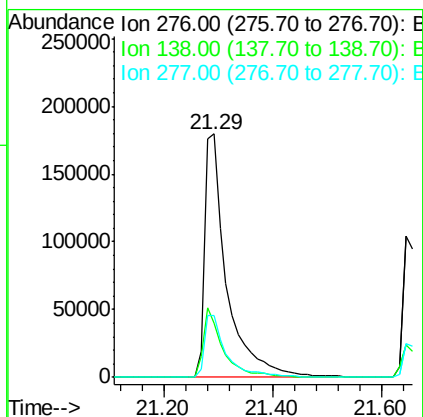
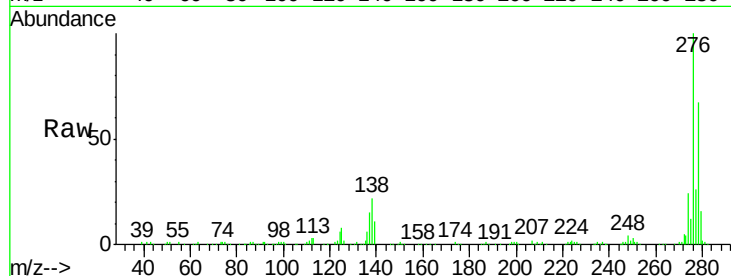




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.76 ng
 RT: 21.29 min Scan# 1724
 Delta R.T. -0.07 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

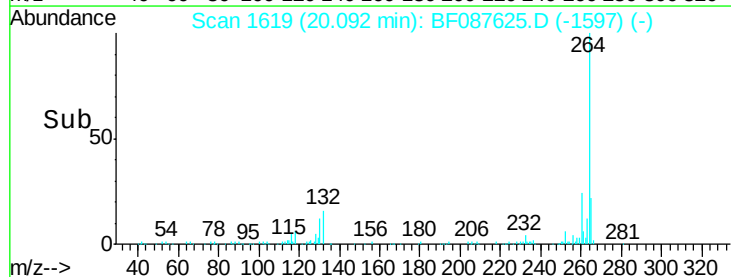
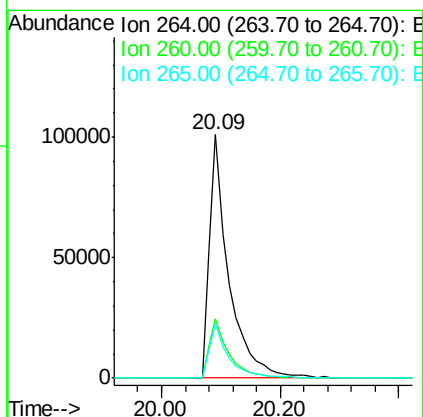
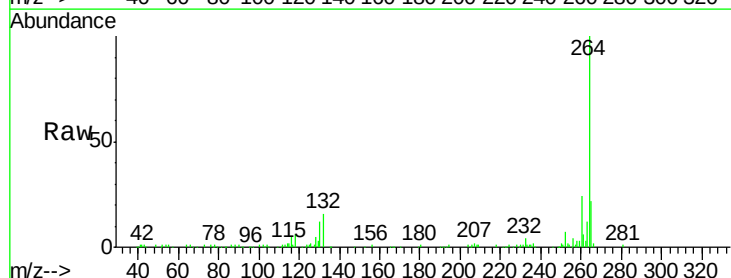
Instrument :
 BNA_F
 ClientSampleId :
 PB91016BSD

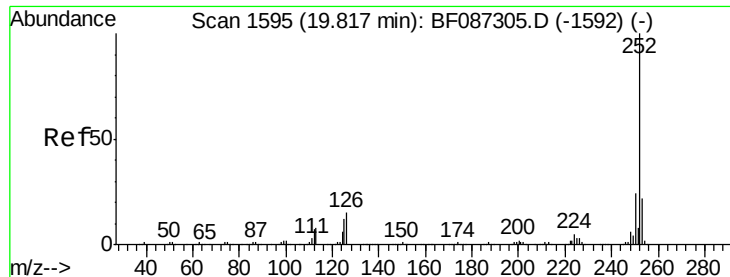
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
277	25.7	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. -0.05 min
 Lab File: BF087625.D
 Acq: 1 Jun 2016 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 81.99 ng

RT: 19.67 min Scan# 1582

Delta R.T. -0.06 min

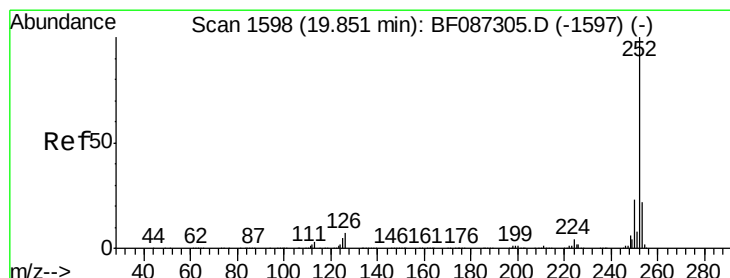
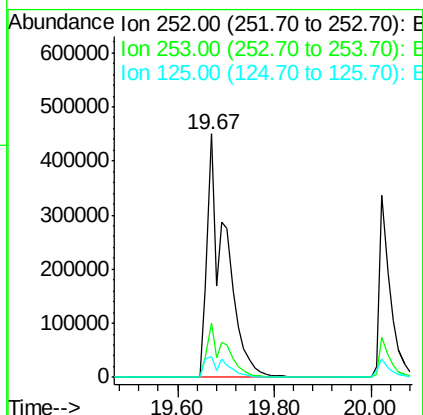
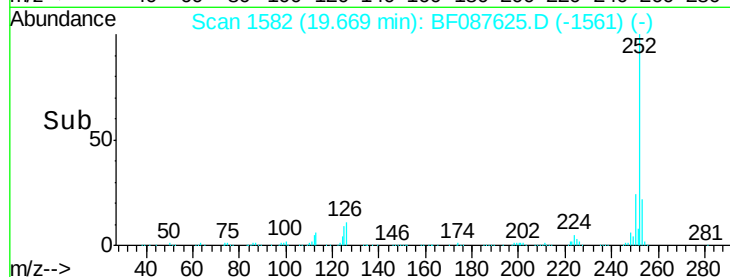
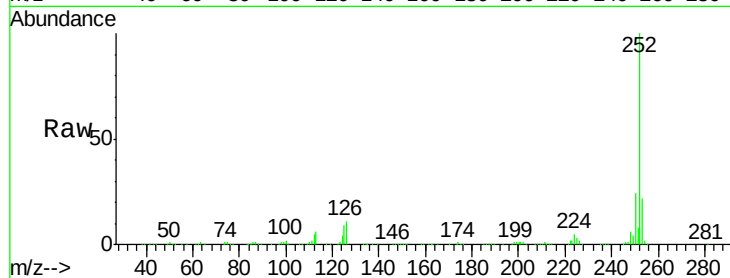
Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :
BNA_F
ClientSampleId :
PB91016BSD

Tgt Ion:252 Resp: 1186048

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.6	11.4	17.0#



#88

Benzo(k)fluoranthene

Concen: 95.30 ng

RT: 19.67 min Scan# 1582

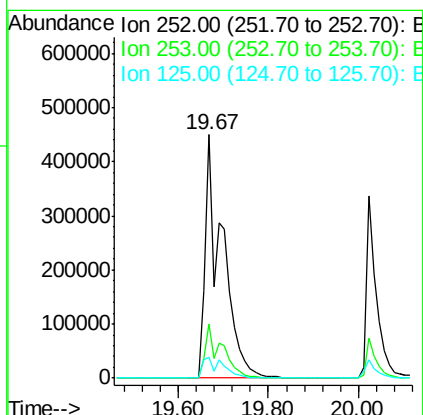
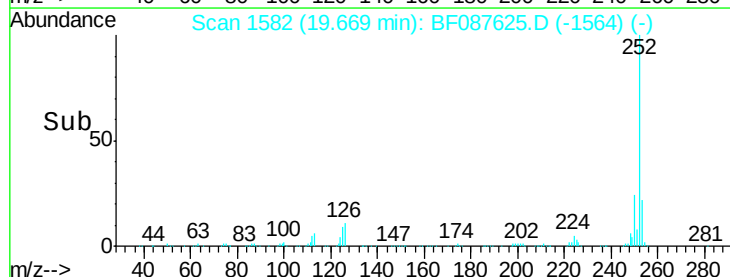
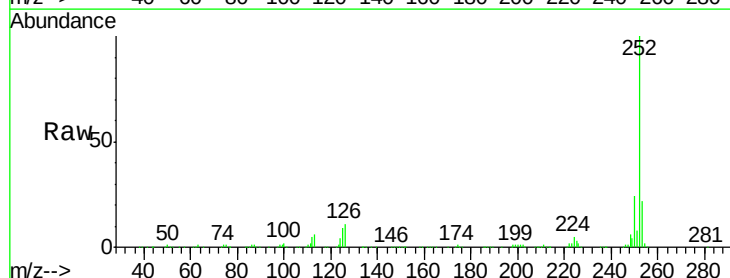
Delta R.T. -0.09 min

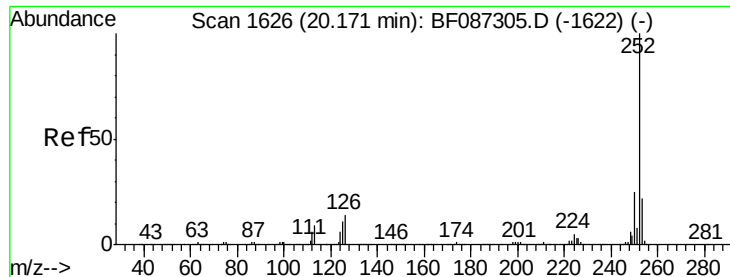
Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Tgt Ion:252 Resp: 1186607

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.6	9.1	13.7#





#89

Benzo(a)pyrene

Concen: 42.08 ng

RT: 20.02 min Scan# 1613

Delta R.T. -0.06 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

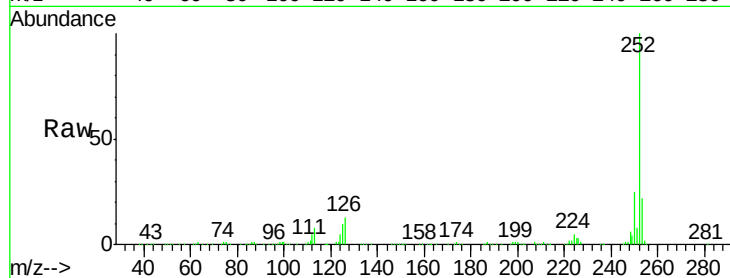
Tgt Ion:252 Resp: 526485

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

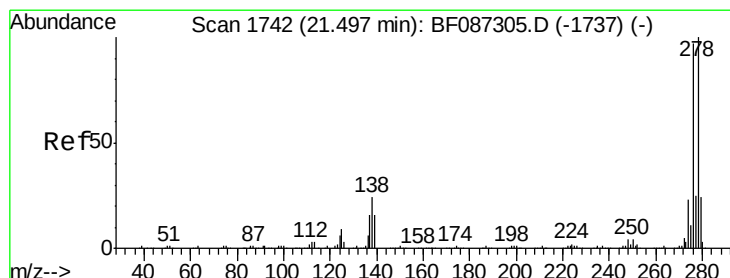
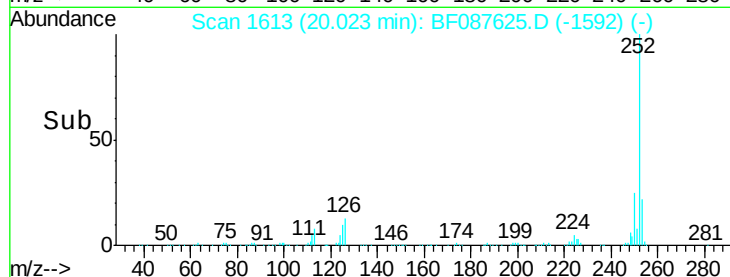
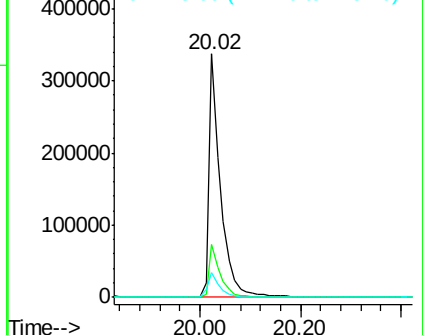
125 10.1 9.0 13.6



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: 39.95 ng

RT: 21.28 min Scan# 1723

Delta R.T. -0.08 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

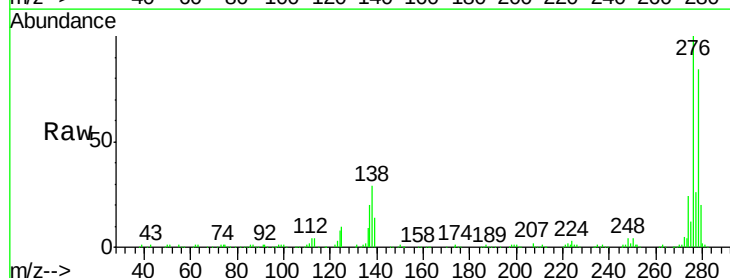
Tgt Ion:278 Resp: 426260

Ion Ratio Lower Upper

278 100

139 16.1 16.6 24.8#

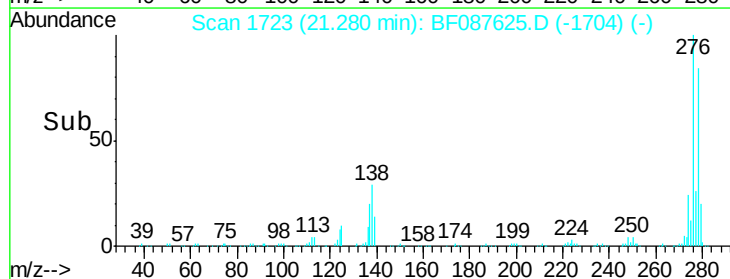
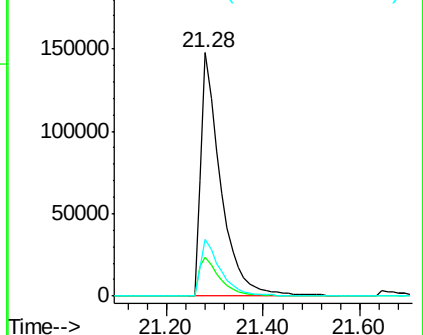
279 23.5 19.6 29.4

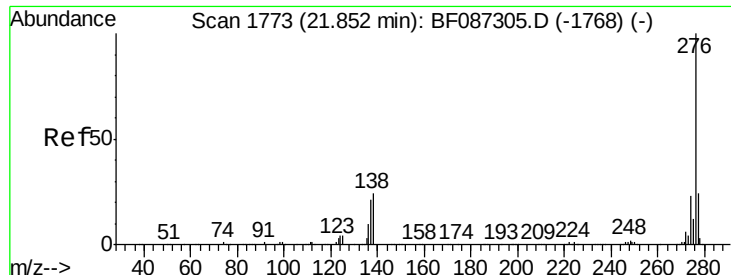


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.70 ng

RT: 21.65 min Scan# 1755

Delta R.T. -0.07 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA_F

ClientSampleId :

PB91016BSD

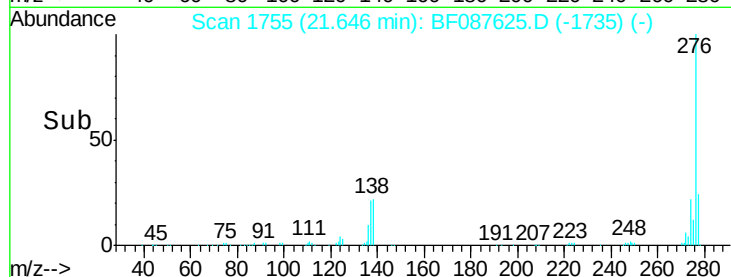
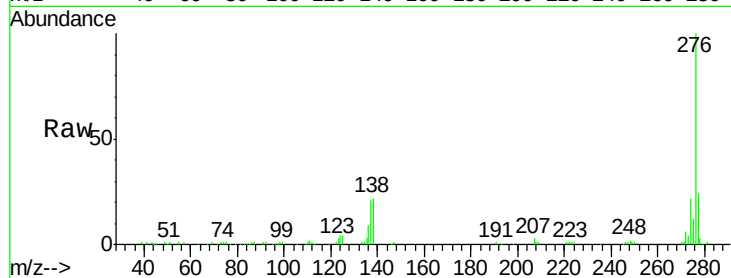
Tgt Ion: 276 Resp: 407437

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 22.5 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

