

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089795.D
 Acq On : 19 Aug 2016 15:09
 Operator : UM/SJ
 Sample : PB92811BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Quant Time: Aug 19 16:35:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	687171	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2779029	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1317655	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	2317320	20.00	ng	0.01
75) Chrysene-d12	13.87	240	1436551	20.00	ng	0.00
86) Perylene-d12	15.37	264	1189462	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4139029	103.29	ng	0.02
7) Phenol-d6	6.33	99	4756401	96.70	ng	0.01
23) Nitrobenzene-d5	7.26	82	2923627	65.36	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	1340143	107.02	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	4742590	63.26	ng	0.00
78) Terphenyl-d14	12.79	244	3887957	61.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	539944	27.23	ng	98
3) Pyridine	2.88	79	1564498	30.08	ng	95
4) n-Nitrosodimethylamine	2.84	42	663694	34.27	ng	# 84
6) Aniline	6.34	93	1881850	28.52	ng	# 16
8) 2-Chlorophenol	6.47	128	1572413	32.81	ng	94
9) Benzaldehyde	6.46	77	93110	2.91	ng	91
10) Phenol	6.34	94	1933619	33.54	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	1651553	36.95	ng	96
12) 1,3-Dichlorobenzene	6.86	146	1585633	31.65	ng	98
13) 1,4-Dichlorobenzene	6.71	146	1755027	34.08	ng	94
14) 1,2-Dichlorobenzene	6.71	146	1755027	36.51	ng	99
15) Benzyl Alcohol	6.83	79	1141852	35.00	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1937180	33.86	ng	92
17) 2-Methylphenol	6.95	107	1350721	35.99	ng	98
18) Hexachloroethane	7.20	117	611412	33.29	ng	# 88
19) n-Nitroso-di-n-propylamine	7.12	70	1176157	37.39	ng	# 88
20) 3+4-Methylphenols	7.11	107	1479799	32.16	ng	# 76
22) Acetophenone	7.11	105	2009358	31.49	ng	# 90
24) Nitrobenzene	7.28	77	1698364	33.84	ng	# 79
25) Isophorone	7.52	82	3106175	34.43	ng	# 94
26) 2-Nitrophenol	7.59	139	799041	31.91	ng	# 81
27) 2,4-Dimethylphenol	7.63	122	1508993	33.44	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	2002811	35.88	ng	96
29) 2,4-Dichlorophenol	7.83	162	1283882	33.90	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1449763	34.61	ng	96
31) Naphthalene	8.00	128	4463106	34.36	ng	99
32) Benzoic acid	7.77	122	1033110	29.38	ng	# 78
33) 4-Chloroaniline	8.04	127	1520646	27.01	ng	# 92
34) Hexachlorobutadiene	8.12	225	735664	33.54	ng	98
35) Caprolactam	8.42	113	312686	27.11	ng	# 72
36) 4-Chloro-3-methylphenol	8.54	107	1503791	36.67	ng	98
37) 2-Methylnaphthalene	8.79	142	2977018	35.43	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1138971	26.69	ng	97
40) Hexachlorocyclopentadiene	8.84	237	1131699	76.39	ng	98

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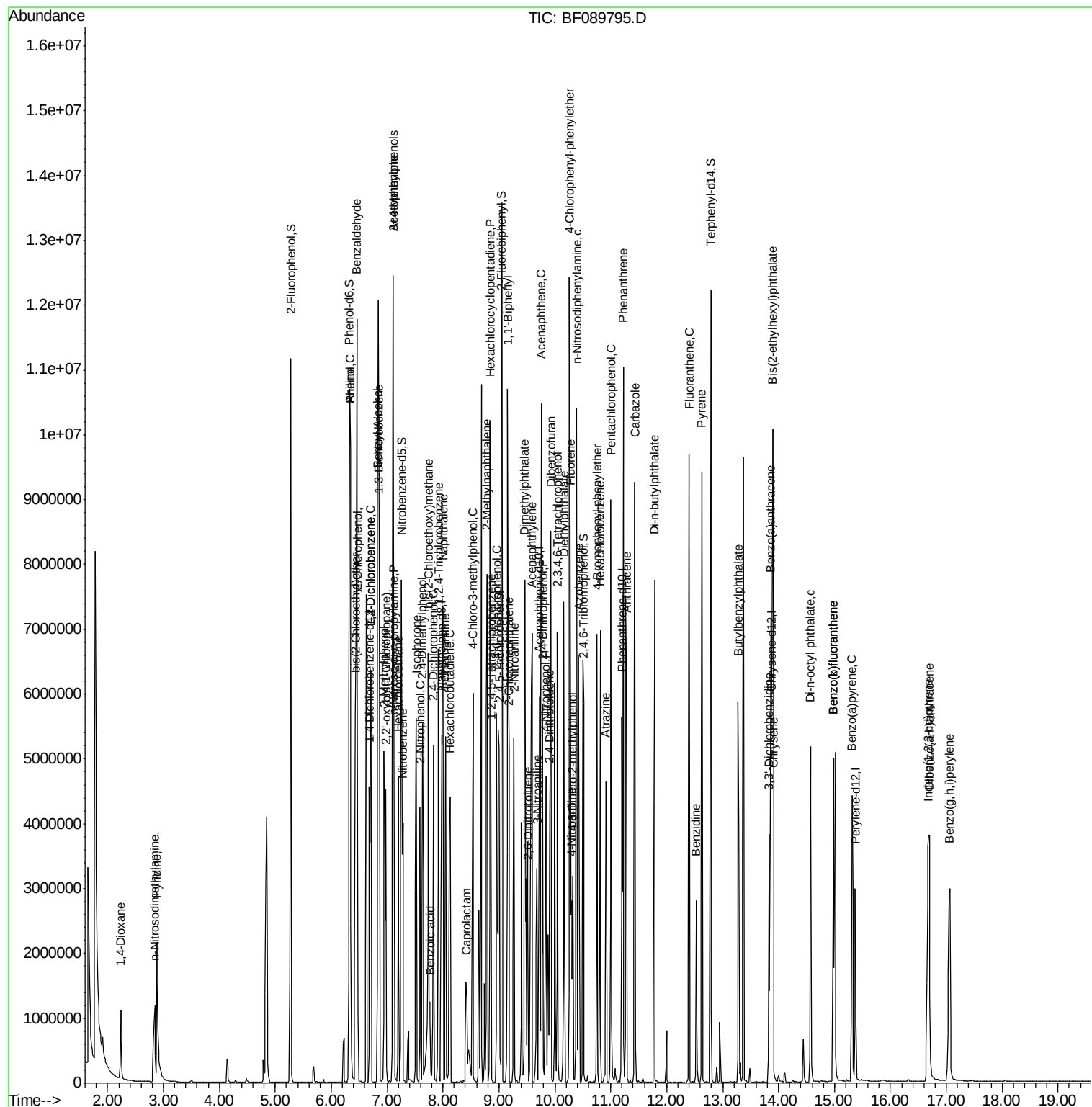
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	927690	34.56	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	926199	34.69	ng	98
45) 1,1'-Biphenyl	9.15	154	3336183	32.72	ng	94
46) 2-Chloronaphthalene	9.18	162	2800719	34.75	ng	# 89
47) 2-Nitroaniline	9.27	65	934447	40.65	ng	88
48) Acenaphthylene	9.59	152	4399420	36.32	ng	99
49) Dimethylphthalate	9.46	163	3244721	34.97	ng	99
50) 2,6-Dinitrotoluene	9.52	165	781056	36.46	ng	# 69
51) Acenaphthene	9.76	154	3223832	40.22	ng	99
52) 3-Nitroaniline	9.68	138	738131	31.10	ng	82
53) 2,4-Dinitrophenol	9.78	184	743913	64.51	ng	97
54) Dibenzofuran	9.93	168	3985799	39.59	ng	94
55) 4-Nitrophenol	9.84	139	1378468	71.16	ng	89
56) 2,4-Dinitrotoluene	9.91	165	961300	34.59	ng	# 56
57) Fluorene	10.27	166	2901226	36.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	782395	40.27	ng	98
59) Diethylphthalate	10.16	149	3129384	33.20	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	1164510	31.82	ng	92
61) 4-Nitroaniline	10.30	138	879861	39.55	ng	89
62) Azobenzene	10.42	77	3289511	37.12	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	532065	39.96	ng	# 77
65) n-Nitrosodiphenylamine	10.39	169	2648124	36.34	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	849383	34.96	ng	# 82
67) Hexachlorobenzene	10.81	284	887016	32.00	ng	# 81
68) Atrazine	10.91	200	608834	27.28	ng	97
69) Pentachlorophenol	11.00	266	1003225	63.86	ng	98
70) Phenanthrene	11.22	178	3876873	33.12	ng	95
71) Anthracene	11.28	178	4377011	36.79	ng	100
72) Carbazole	11.43	167	3556035	33.32	ng	97
73) Di-n-butylphthalate	11.78	149	4934753	36.96	ng	98
74) Fluoranthene	12.40	202	3588049	32.23	ng	92
76) Benzidine	12.52	184	1276182	27.45	ng	99
77) Pyrene	12.63	202	3645818	31.17	ng	96
79) Butylbenzylphthalate	13.28	149	1910383	36.16	ng	# 82
80) Benzo(a)anthracene	13.86	228	2935700	35.68	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	831361	30.82	ng	97
82) Chrysene	13.91	228	2398331	34.00	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	2587080	35.55	ng	96
84) Di-n-octyl phthalate	14.57	149	3699057	38.25	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.67	276	2938053	32.65	ng	99
87) Benzo(b)fluoranthene	14.98	252	2319636	35.45	ng	98
88) Benzo(k)fluoranthene	14.98	252	2319636	39.07	ng	99
89) Benzo(a)pyrene	15.31	252	2334016	37.68	ng	98
90) Dibenzo(a,h)anthracene	16.70	278	2432651	36.19	ng	99
91) Benzo(g,h,i)perylene	17.06	276	2533706	35.79	ng	96

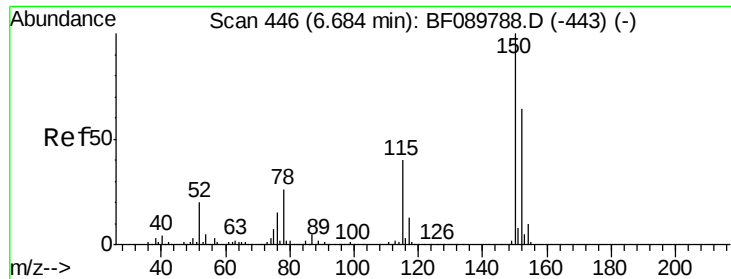
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

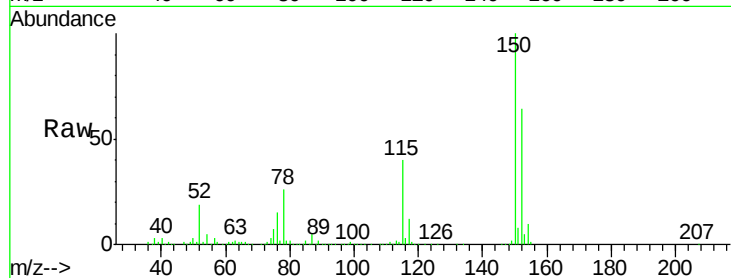
Tgt Ion:152 Resp: 687171

Ion Ratio Lower Upper

152 100

150 156.0 125.3 187.9

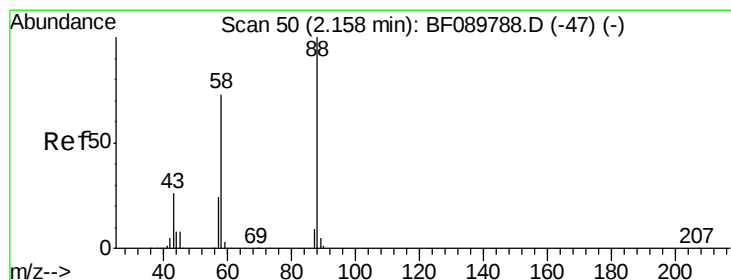
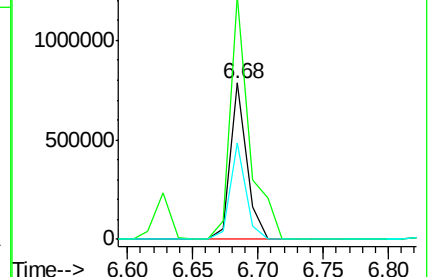
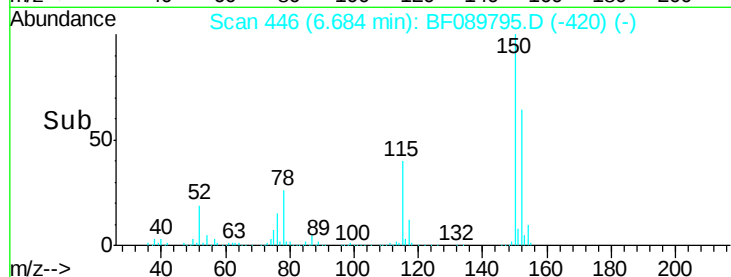
115 61.7 40.9 61.3#



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: 27.23 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.08 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

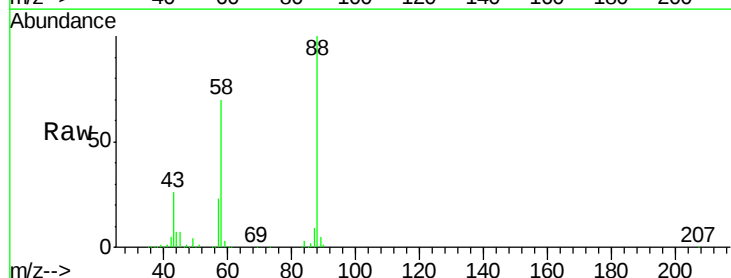
Tgt Ion: 88 Resp: 539944

Ion Ratio Lower Upper

88 100

58 69.4 57.0 85.4

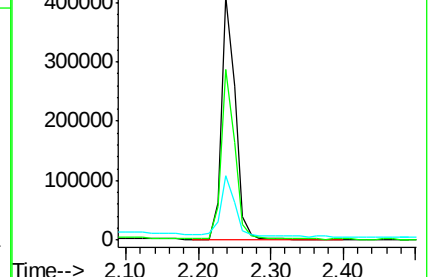
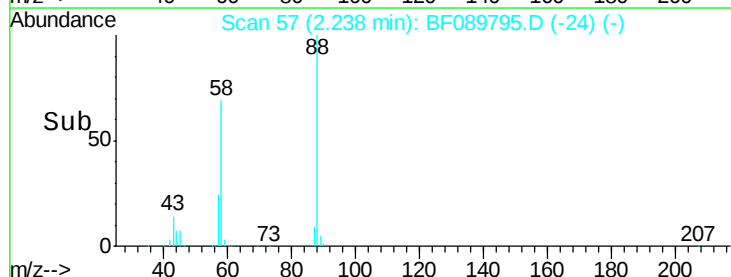
43 27.0 21.8 32.8

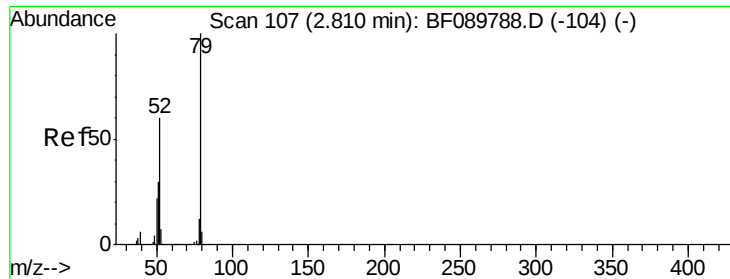


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.08 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.07 min

Lab File: BF089795.D

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Instrument :

BNA_F

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PB92811BS

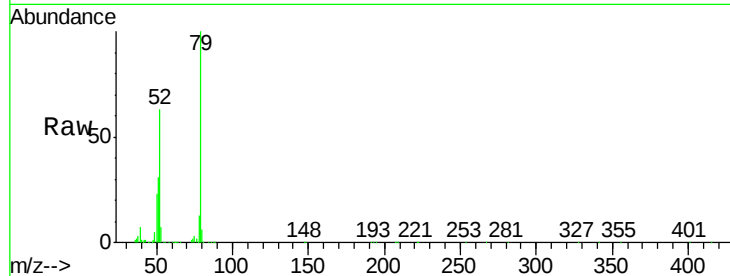
Tgt Ion: 79 Resp: 1564498

Ion Ratio Lower Upper

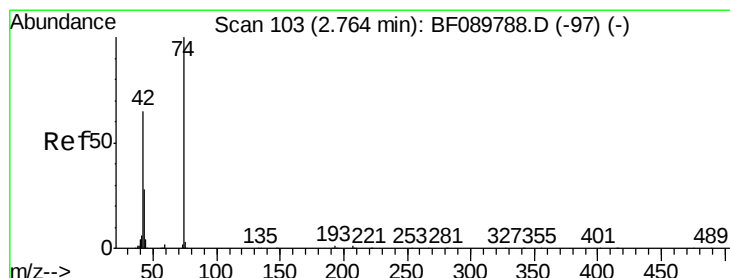
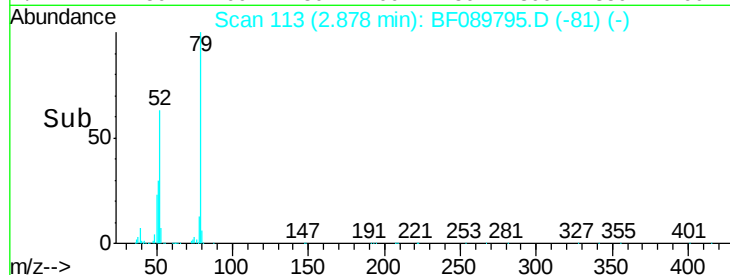
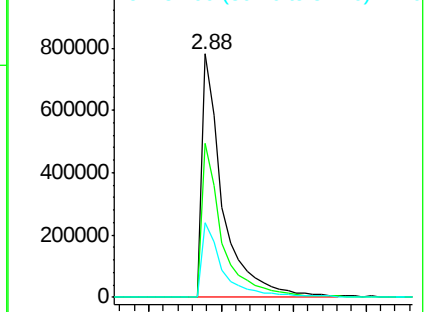
79 100

52 63.1 53.6 80.4

51 30.7 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.27 ng

RT: 2.84 min Scan# 110

Delta R.T. 0.08 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

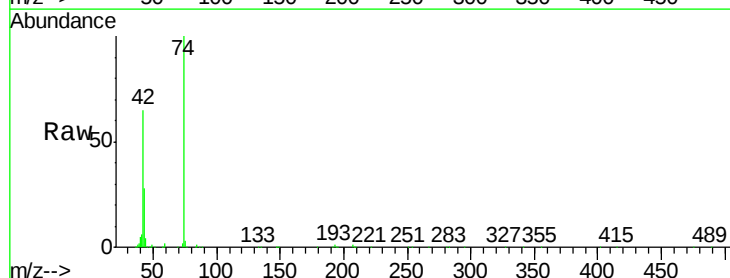
Tgt Ion: 42 Resp: 663694

Ion Ratio Lower Upper

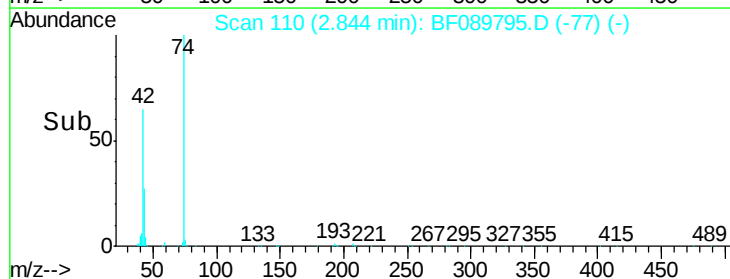
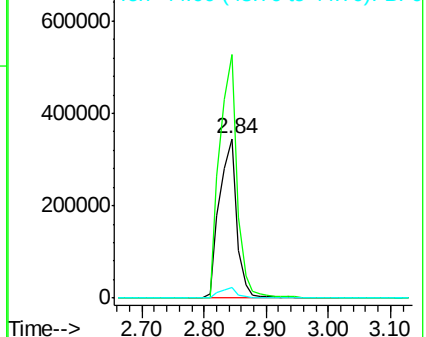
42 100

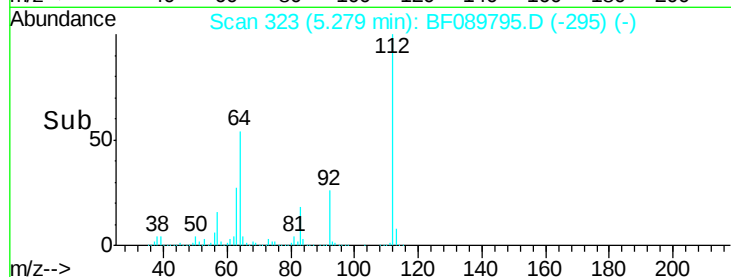
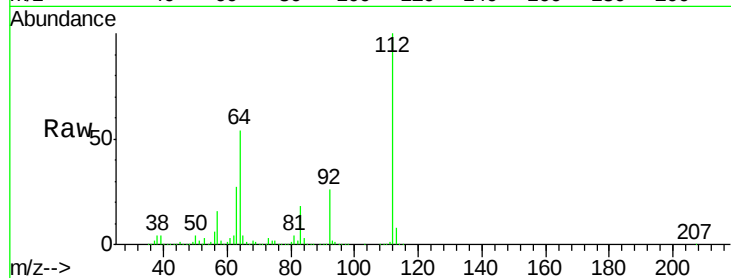
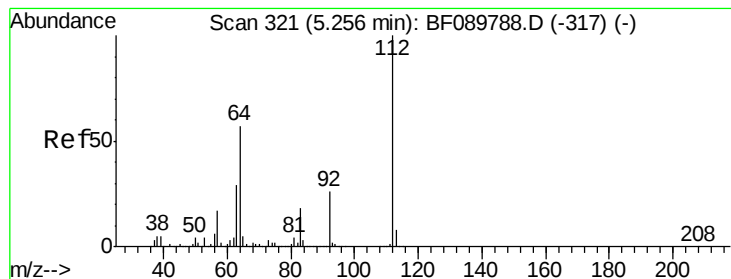
74 152.9 106.2 159.2

44 6.8 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 103.29 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

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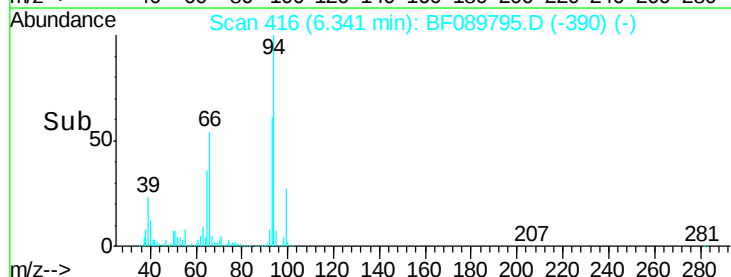
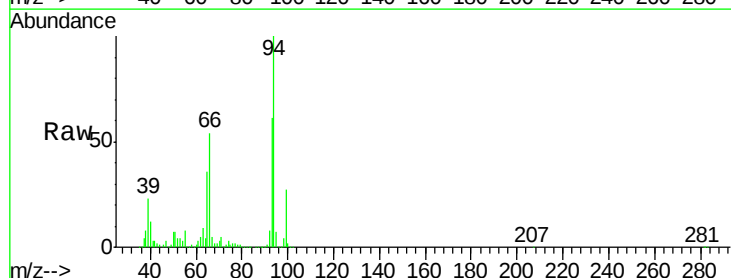
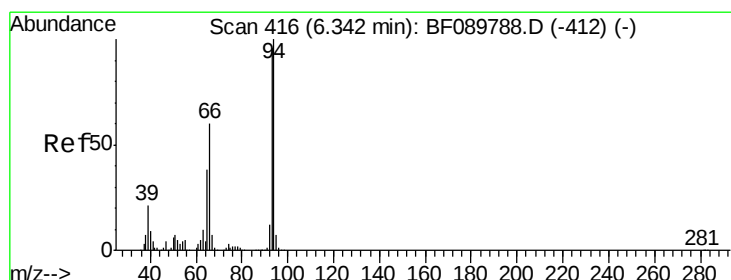
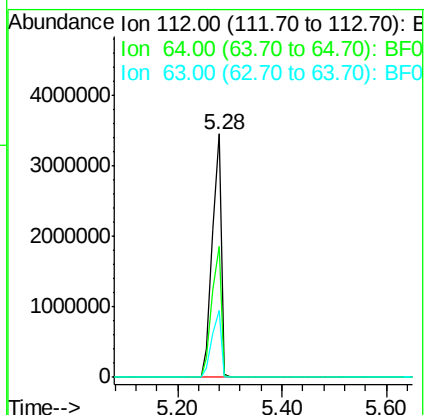
Tgt Ion:112 Resp: 4139029

Ion Ratio Lower Upper

112 100

64 53.6 45.0 67.4

63 27.5 23.1 34.7



#6

Aniline

Concen: 28.52 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

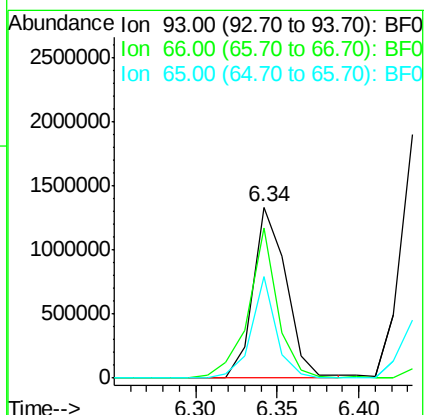
Tgt Ion: 93 Resp: 1881850

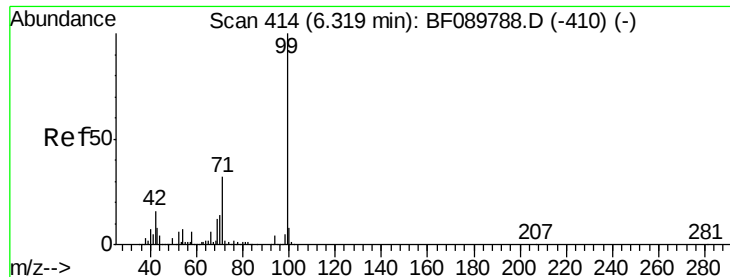
Ion Ratio Lower Upper

93 100

66 87.6 30.6 46.0#

65 59.2 15.4 23.2#





#7

Phenol-d6

Concen: 96.70 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

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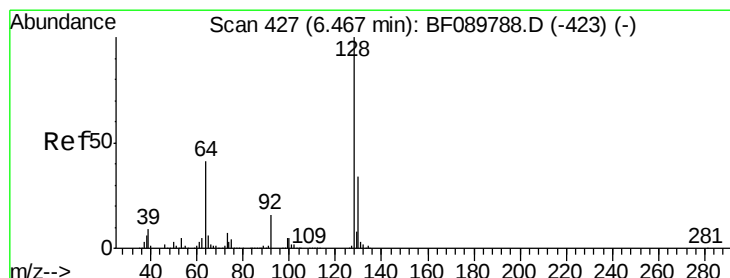
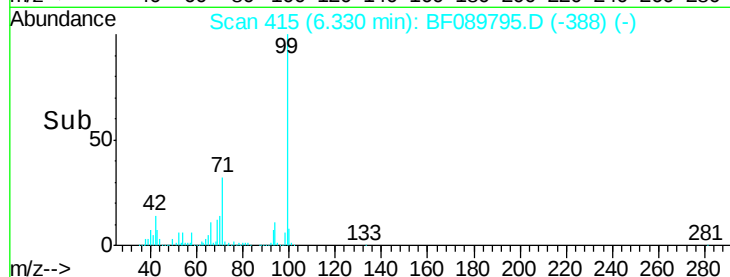
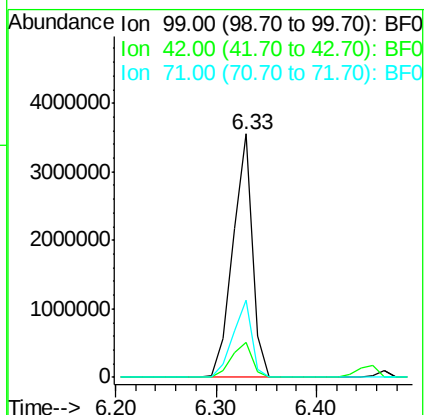
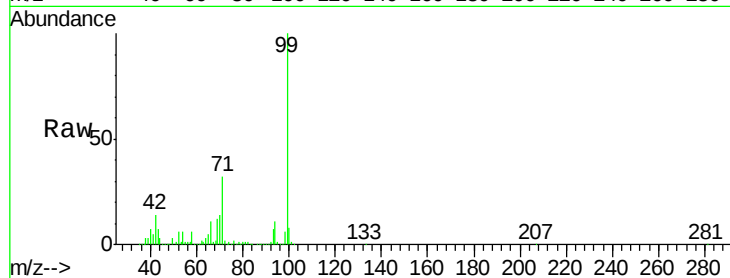
Tgt Ion: 99 Resp: 4756401

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.4

71 31.7 23.8 35.8



#8

2-Chlorophenol

Concen: 32.81 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

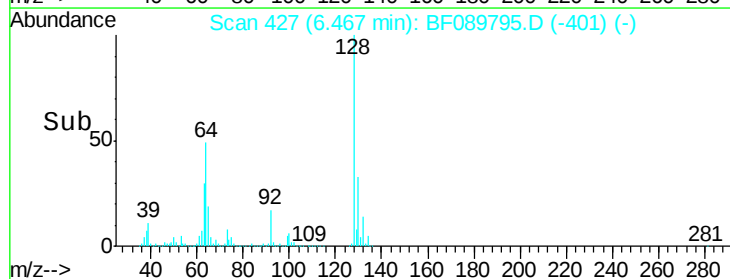
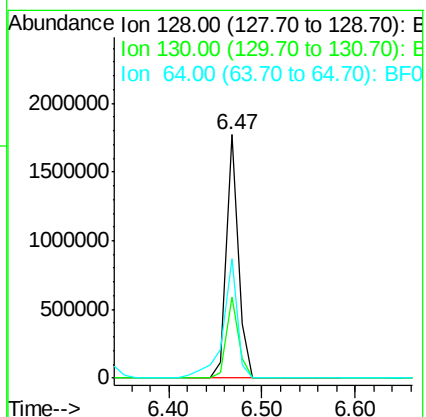
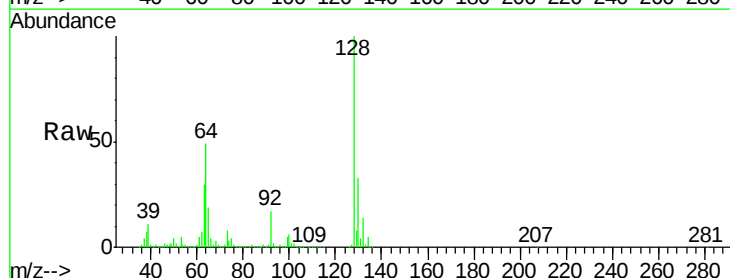
Tgt Ion: 128 Resp: 1572413

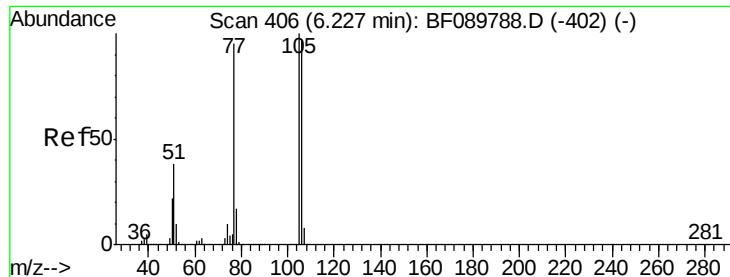
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 49.1 35.1 75.1





#9

Benzaldehyde

Concen: 2.91 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.23 min

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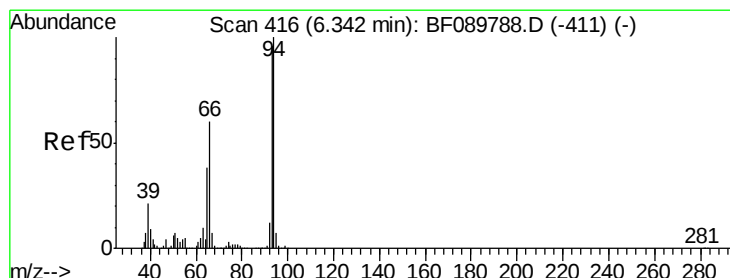
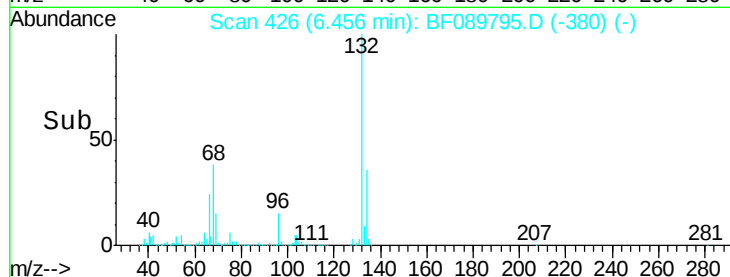
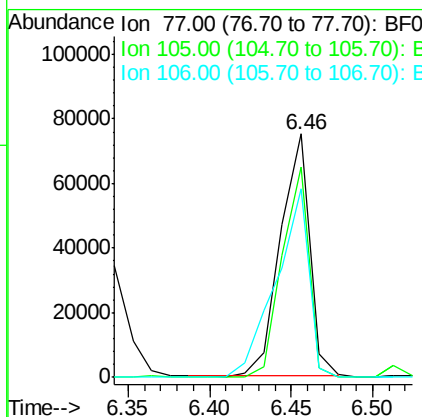
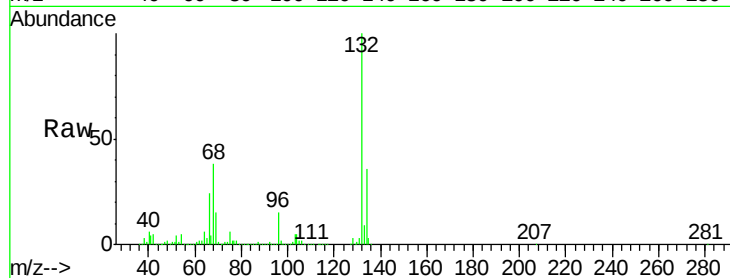
Tgt Ion: 77 Resp: 93110

Ion Ratio Lower Upper

77 100

105 86.6 73.3 113.3

106 77.6 68.6 108.6



#10

Phenol

Concen: 33.54 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

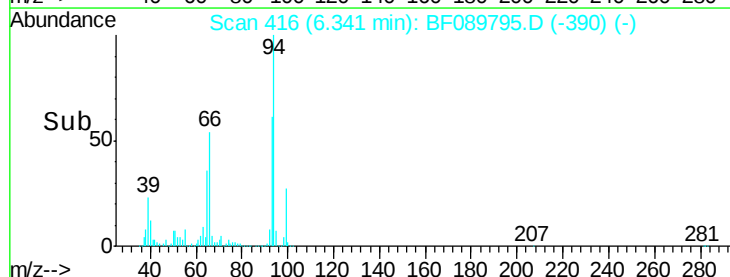
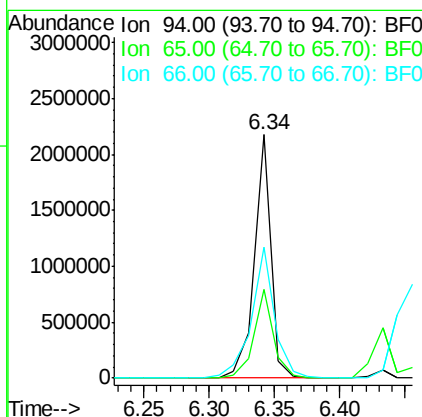
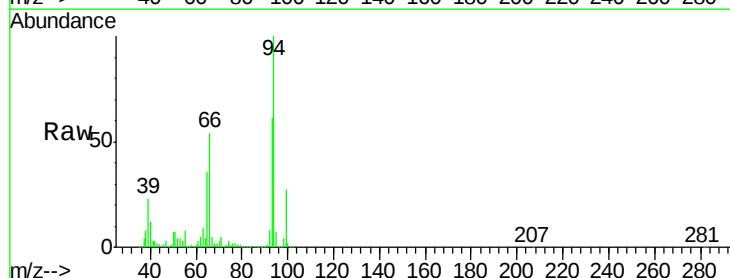
Tgt Ion: 94 Resp: 1933619

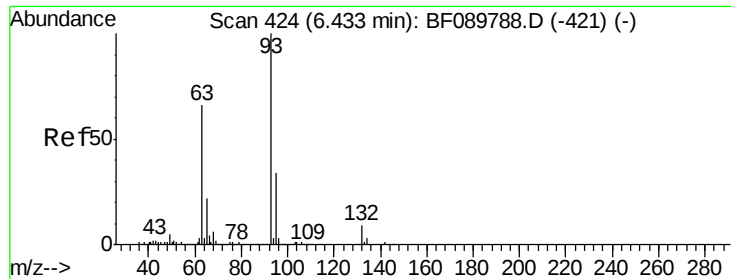
Ion Ratio Lower Upper

94 100

65 36.3 14.0 54.0

66 53.7 31.2 71.2

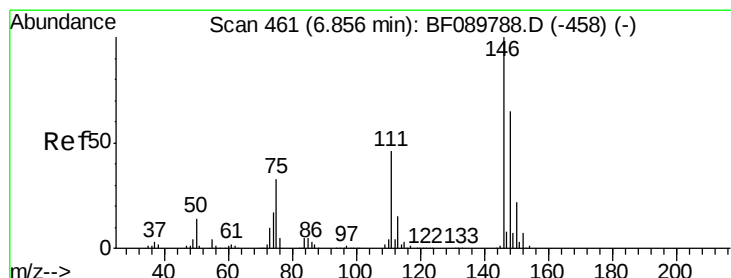
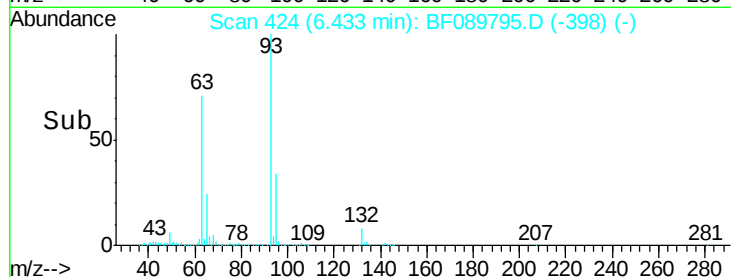
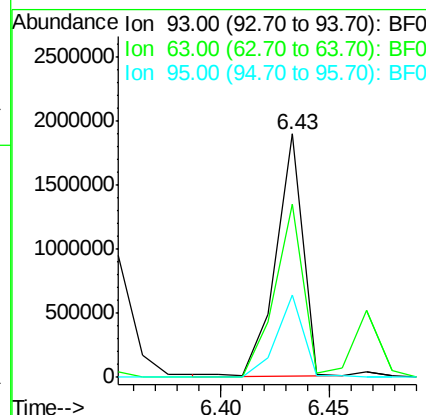
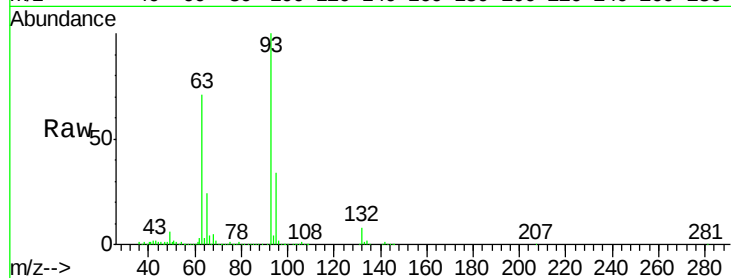




#11
 bis(2-Chloroethyl)ether
 Concen: 36.95 ng
 RT: 6.43 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

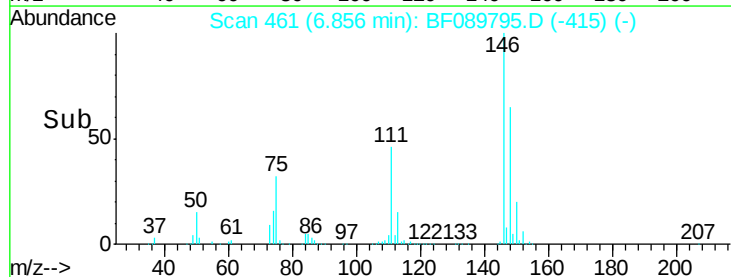
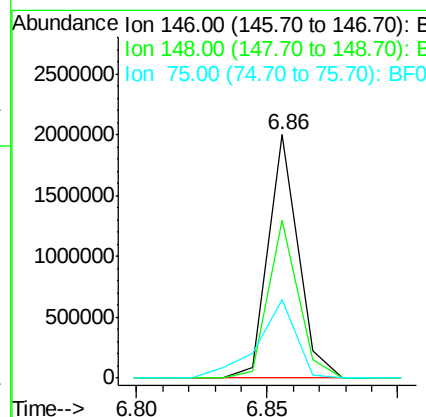
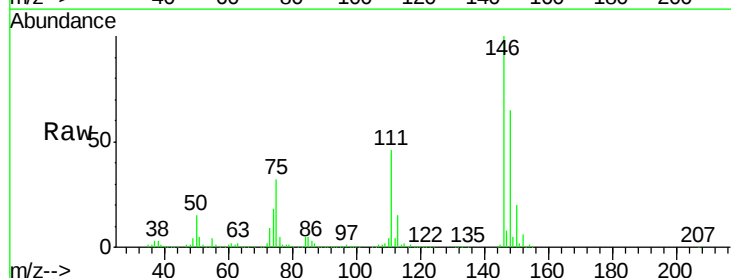
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion: 93 Resp: 1651553
 Ion Ratio Lower Upper
 93 100
 63 70.9 55.8 95.8
 95 33.9 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 31.65 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.23 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion: 146 Resp: 1585633
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.4
 75 32.2 27.0 40.6

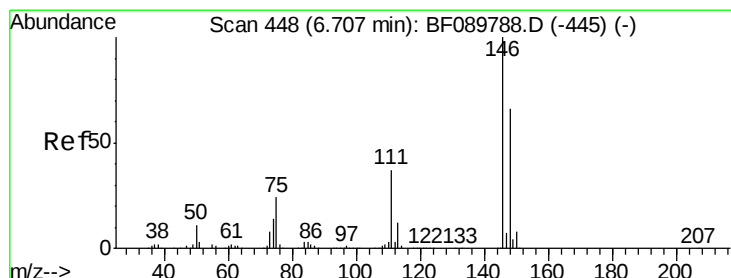
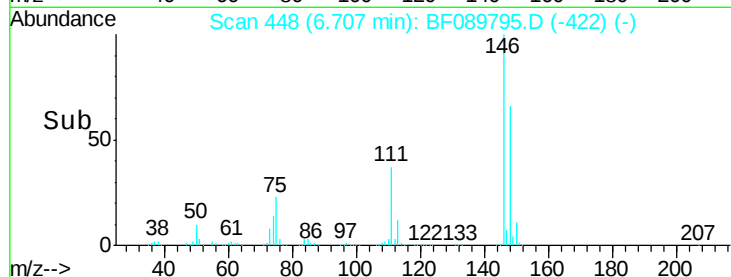
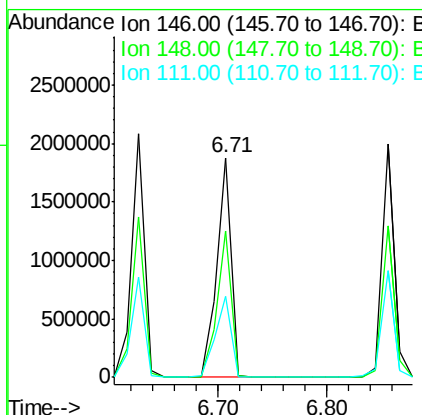
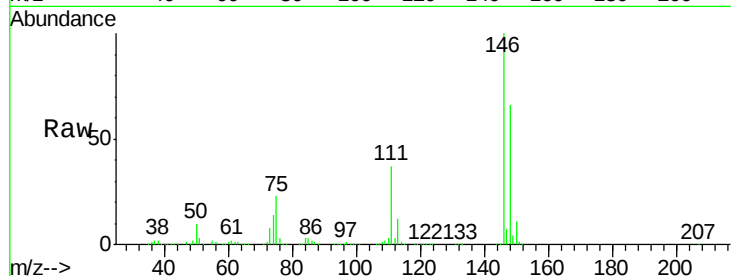




#13
 1,4-Dichlorobenzene
 Concen: 34.08 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

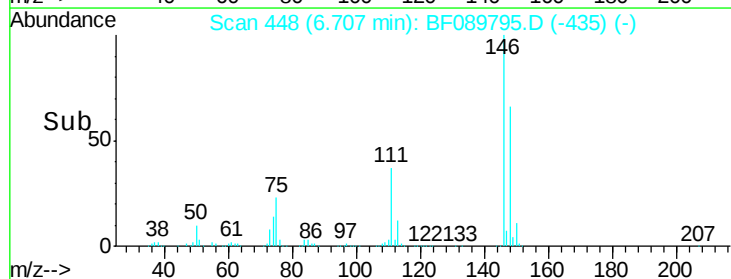
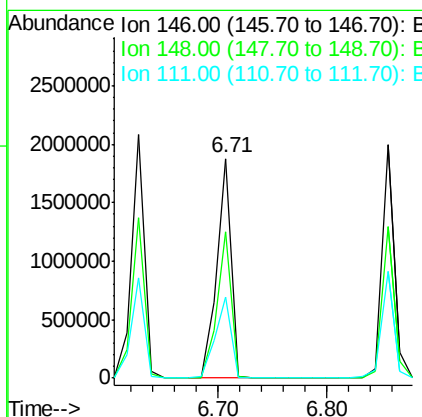
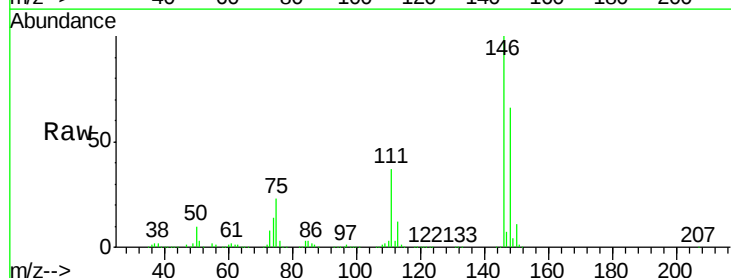
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

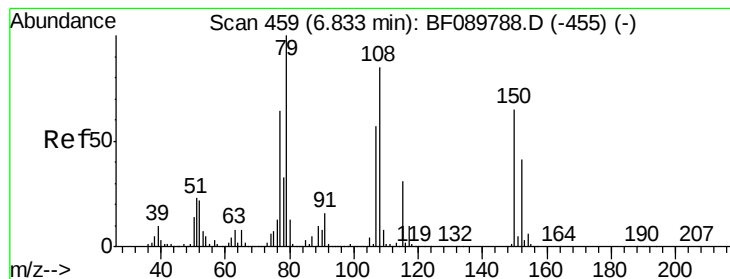
Tgt Ion:146 Resp: 1755027
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.0 76.6
 111 36.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 36.51 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:146 Resp: 1755027
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.2 78.2
 111 36.7 29.8 44.6





#15

Benzyl Alcohol

Concen: 35.00 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

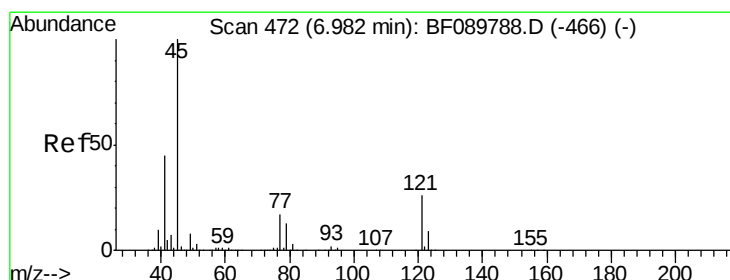
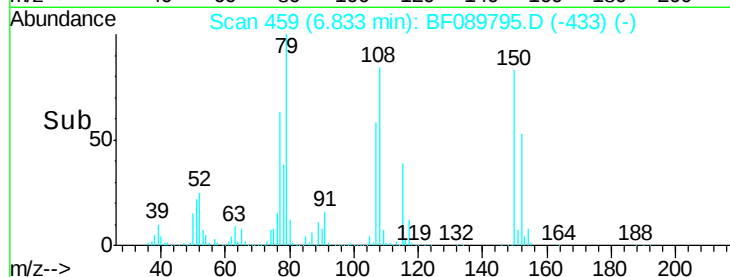
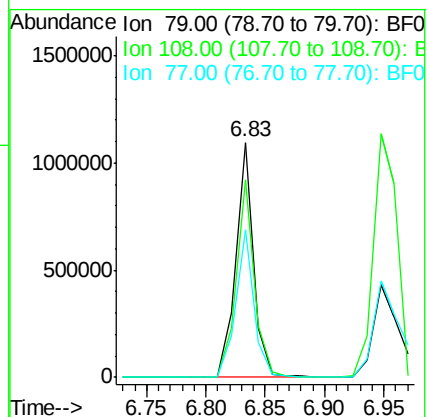
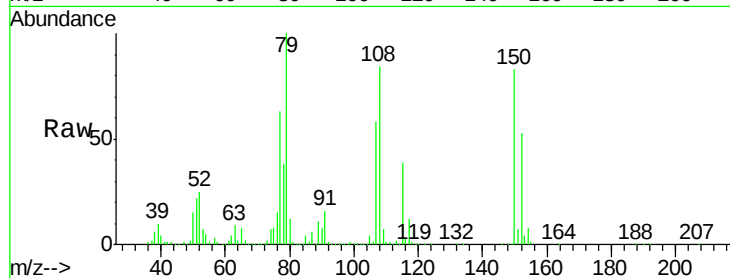
Tgt Ion: 79 Resp: 1141852

Ion Ratio Lower Upper

79 100

108 84.0 62.5 93.7

77 63.0 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.86 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

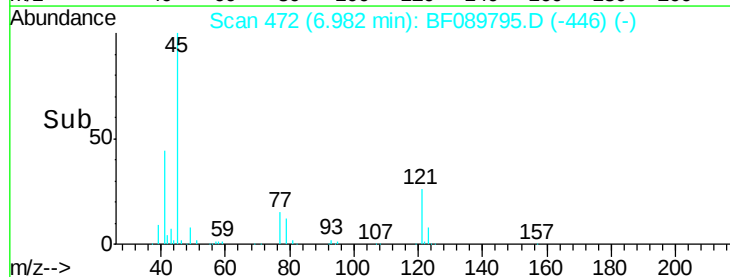
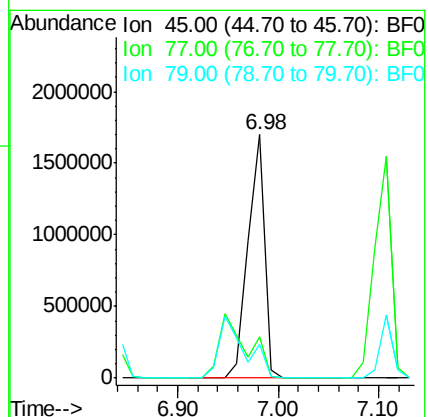
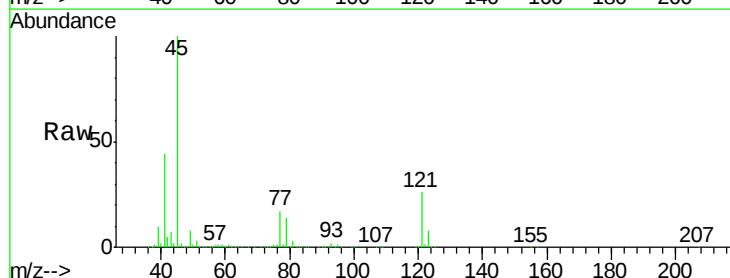
Tgt Ion: 45 Resp: 1937180

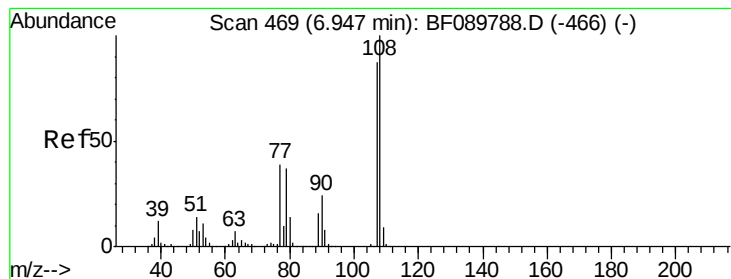
Ion Ratio Lower Upper

45 100

77 17.0 0.0 33.5

79 13.6 0.0 30.7





#17

2-Methylphenol

Concen: 35.99 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:107 Resp: 1350721

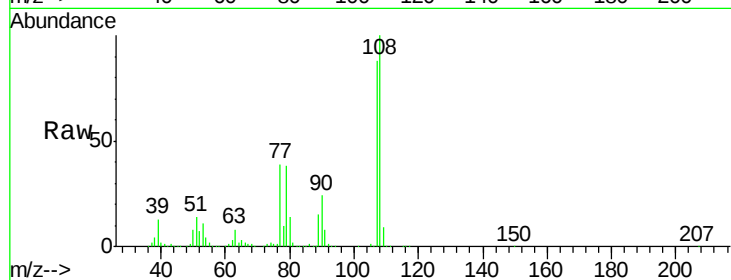
Ion Ratio Lower Upper

107 100

108 114.1 91.0 136.4

77 45.0 37.4 56.0

79 43.3 36.6 55.0



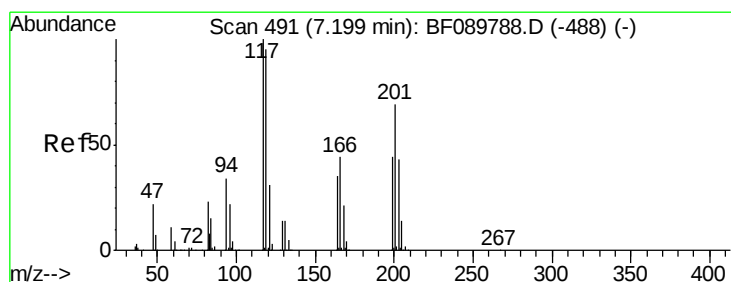
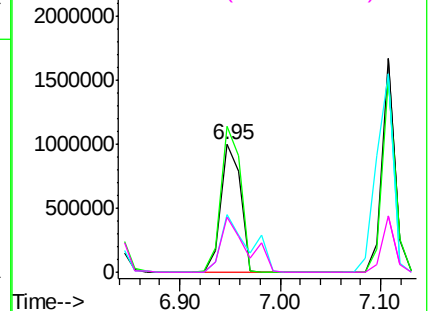
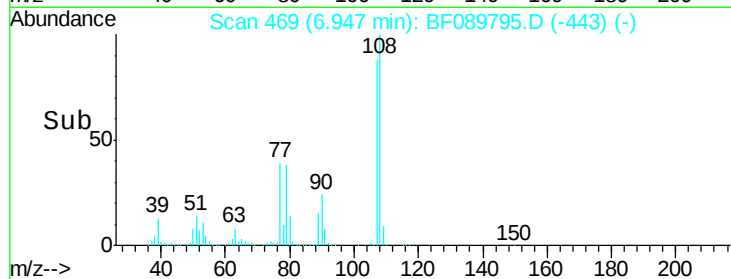
Abundance

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: 33.29 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

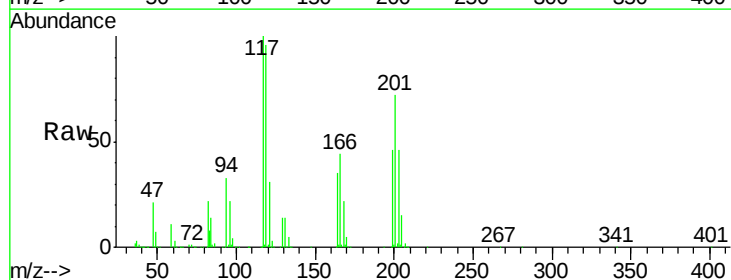
Tgt Ion:117 Resp: 611412

Ion Ratio Lower Upper

117 100

119 96.0 77.1 115.7

201 72.1 76.9 115.3#

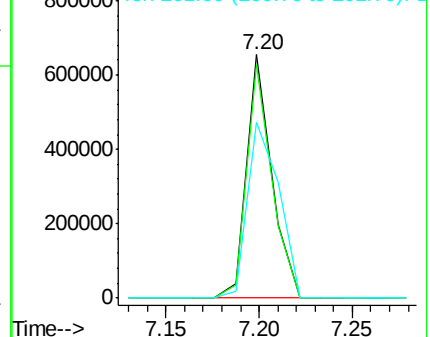
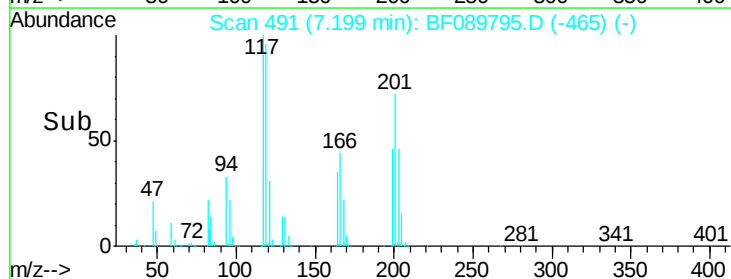


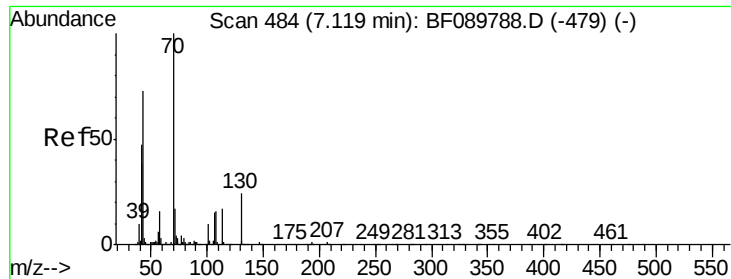
Abundance

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

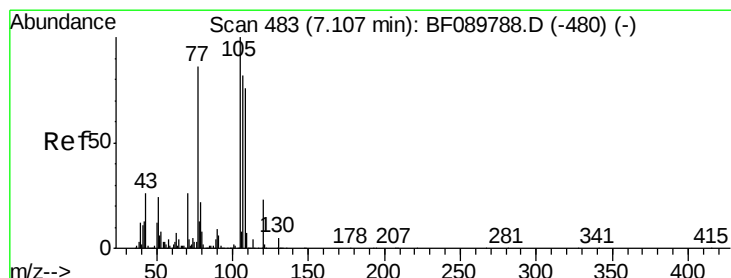
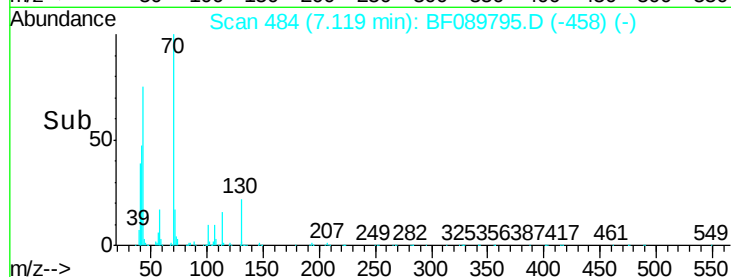
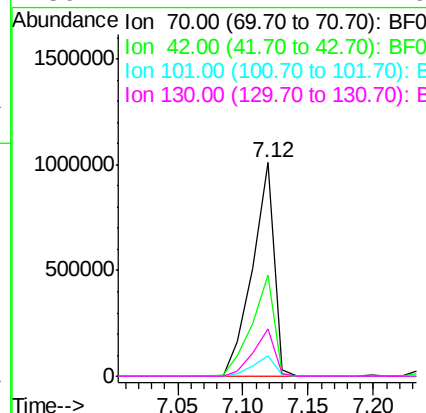
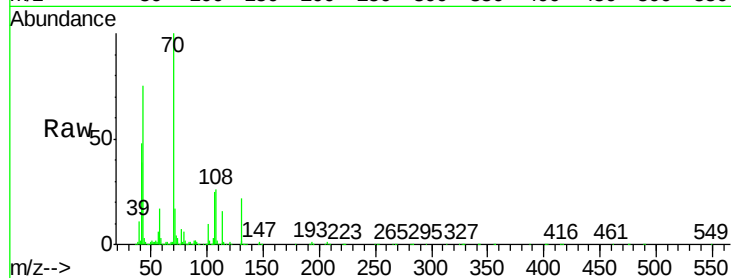




#19
n-Nitroso-di-n-propylamine
Concen: 37.39 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

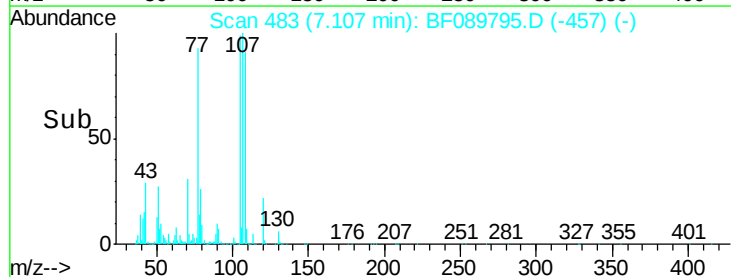
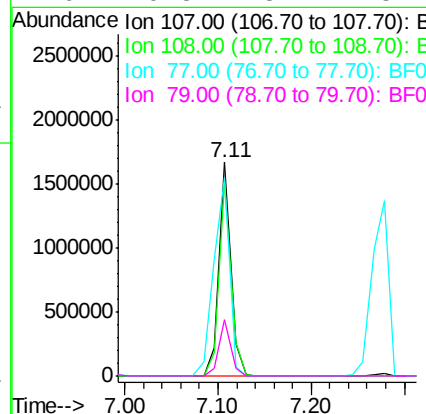
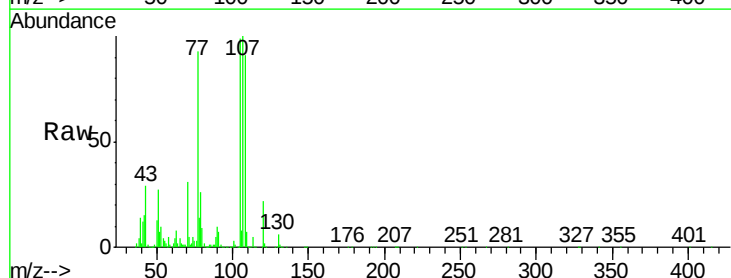
Instrument :
BNA_F
ClientSampleId :
PB92811BS

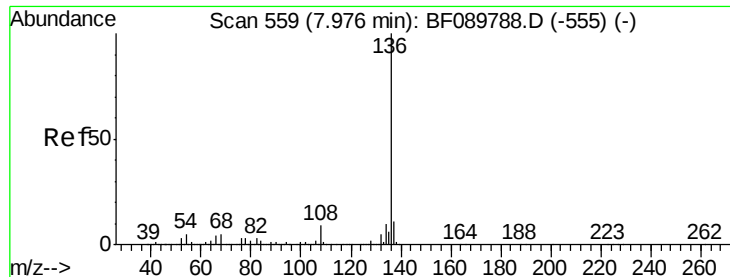
Tgt Ion: 70 Resp: 1176157
Ion Ratio Lower Upper
70 100
42 47.6 46.3 69.5
101 9.5 7.0 10.6
130 22.4 14.4 21.6#



#20
3+4-Methylphenols
Concen: 32.16 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion: 107 Resp: 1479799
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 92.6 122.3 162.3#
79 26.3 8.2 48.2

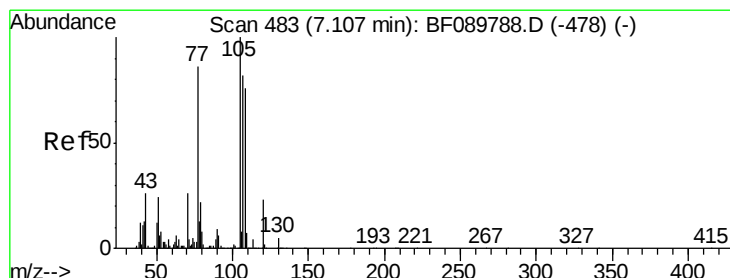
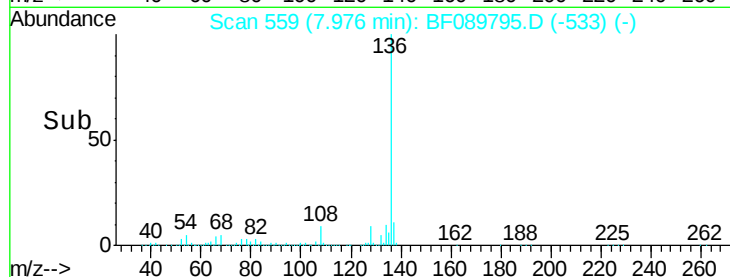
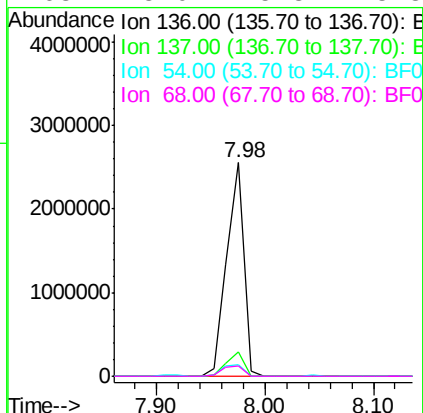
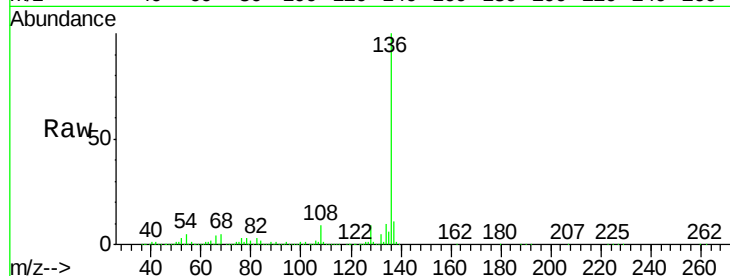




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

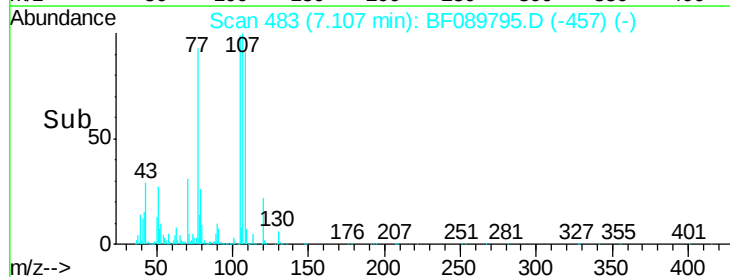
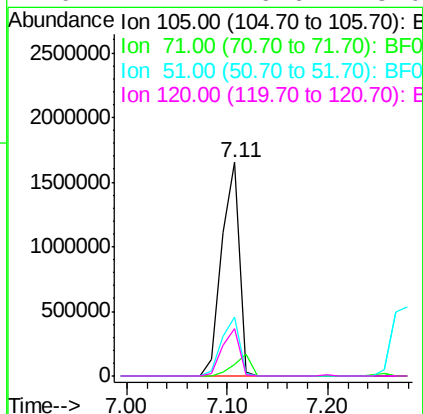
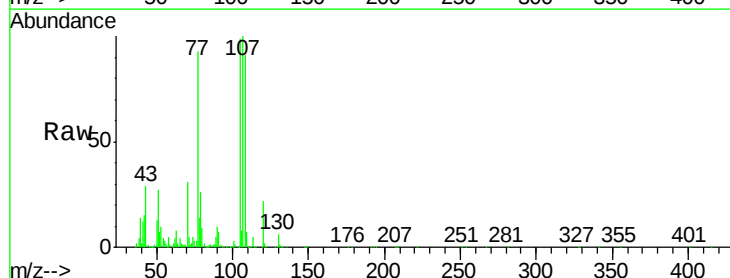
Instrument :
BNA_F
ClientSampleId :
PB92811BS

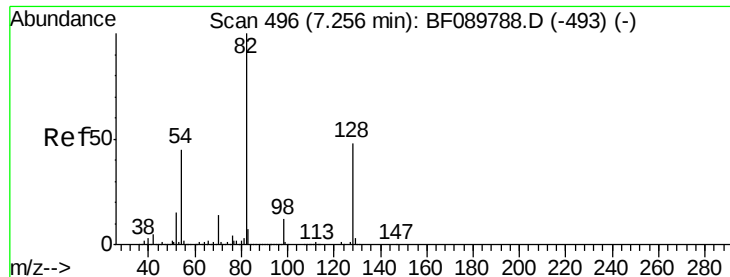
Tgt Ion:	136	Resp:	2779029
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.5	7.2	10.8#
68	5.0	5.8	8.8#



#22
Acetophenone
Concen: 31.49 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:	105	Resp:	2009358
Ion	Ratio	Lower	Upper
105	100		
71	5.3	1.9	2.9#
51	27.3	28.5	42.7#
120	22.1	16.6	25.0

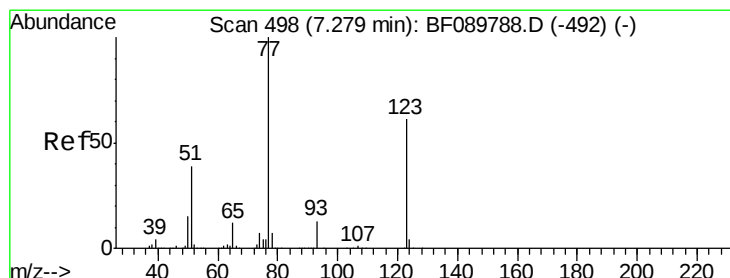
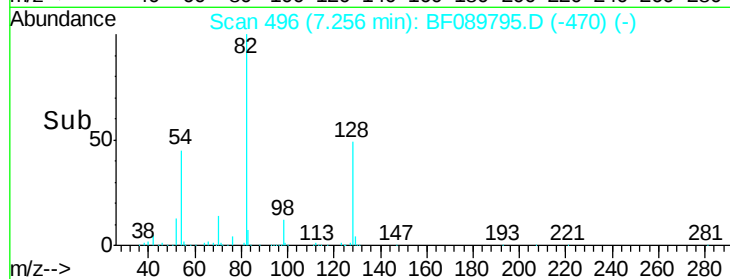
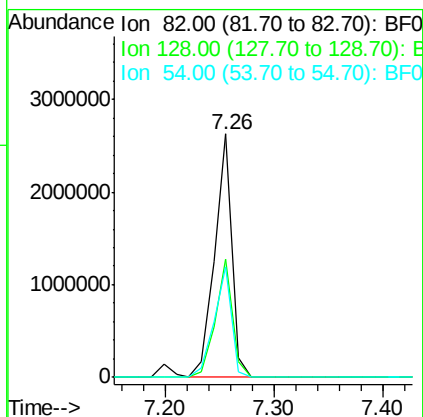
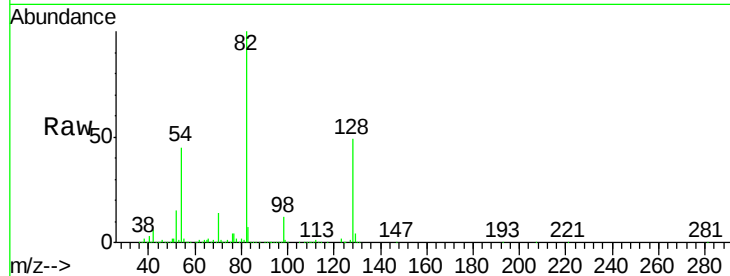




#23
 Nitrobenzene-d5
 Concen: 65.36 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

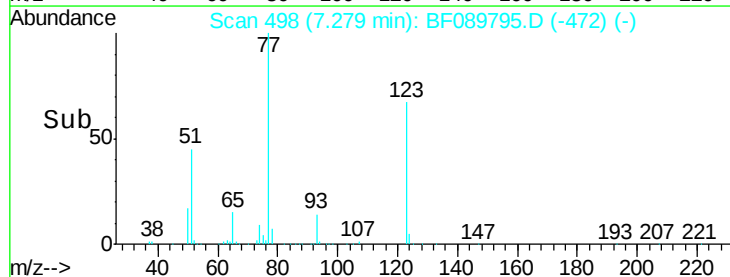
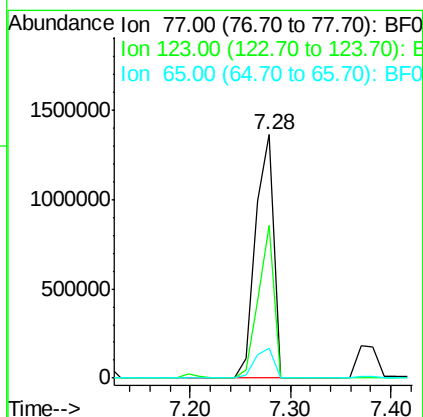
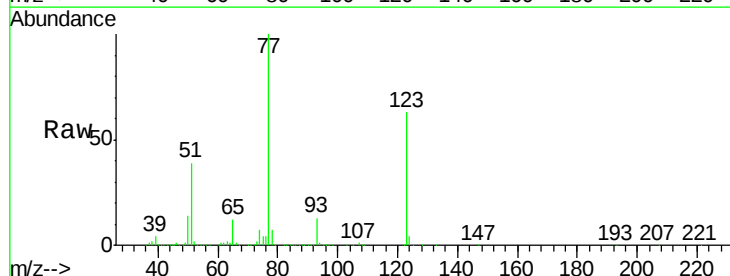
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

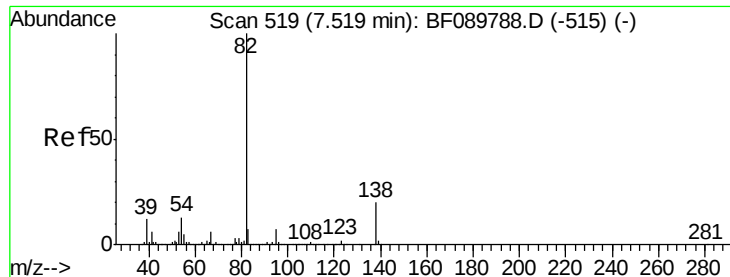
Tgt Ion: 82 Resp: 2923627
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.4 51.6
 54 45.4 40.3 60.5



#24
 Nitrobenzene
 Concen: 33.84 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion: 77 Resp: 1698364
 Ion Ratio Lower Upper
 77 100
 123 62.9 36.2 54.2#
 65 12.2 10.6 15.8





#25

Isophorone

Concen: 34.43 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

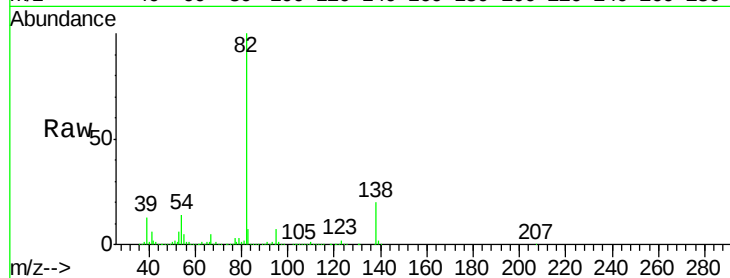
Tgt Ion: 82 Resp: 3106175

Ion Ratio Lower Upper

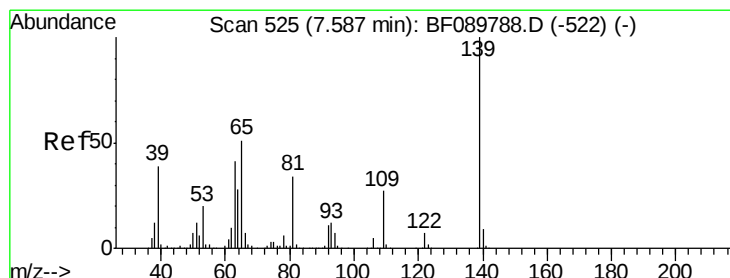
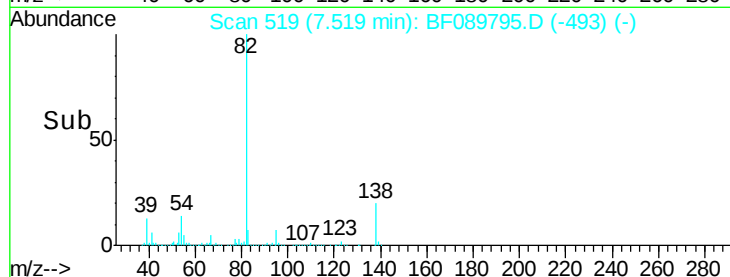
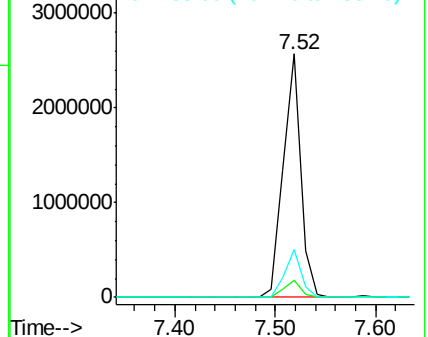
82 100

95 6.9 5.3 7.9

138 19.7 13.0 19.4#



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: 31.91 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

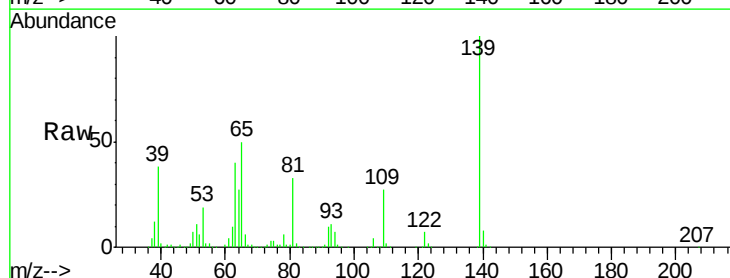
Tgt Ion: 139 Resp: 799041

Ion Ratio Lower Upper

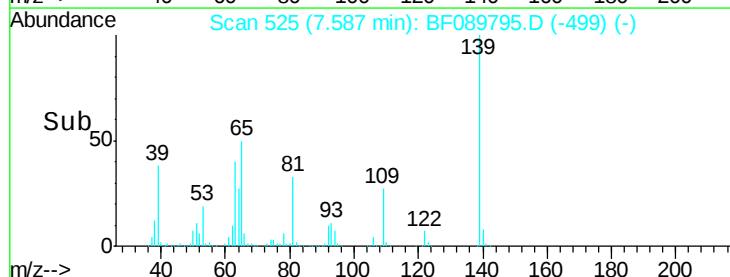
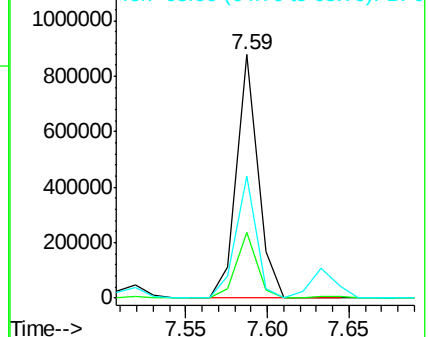
139 100

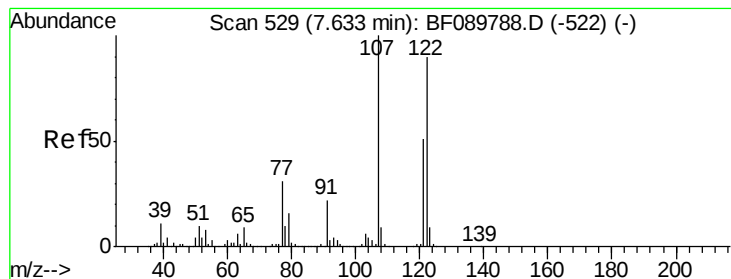
109 26.7 19.5 29.3

65 50.1 26.5 39.7#



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: 33.44 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

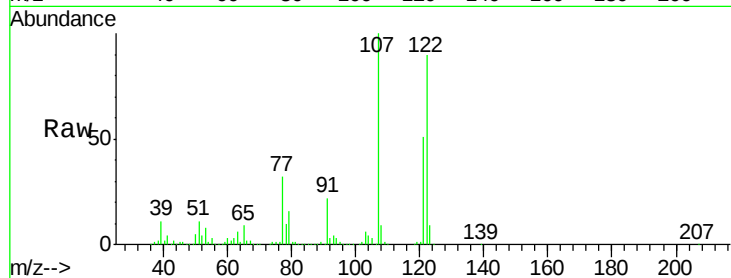
Tgt Ion:122 Resp: 1508993

Ion Ratio Lower Upper

122 100

107 111.2 84.8 127.2

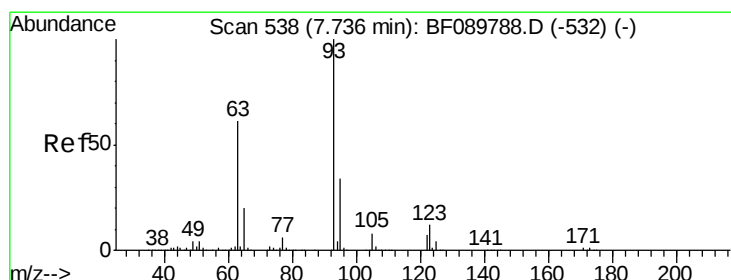
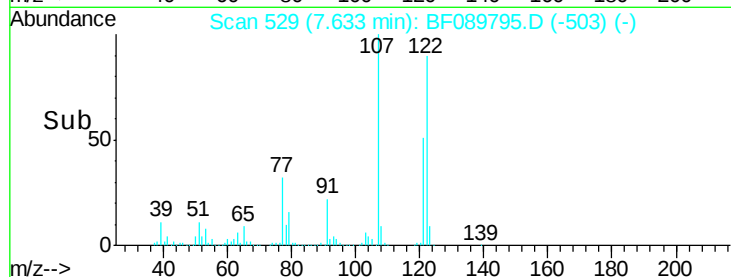
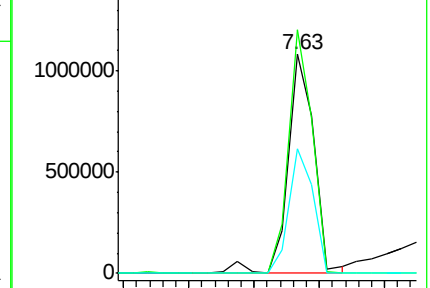
121 56.8 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.88 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

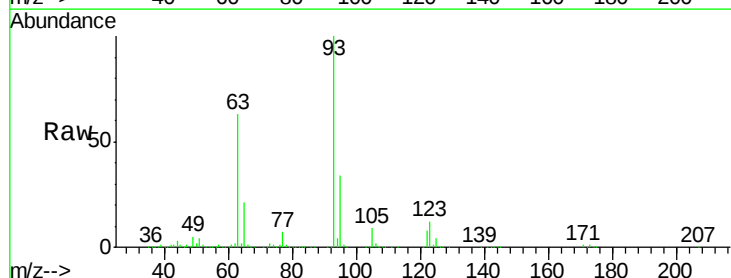
Tgt Ion: 93 Resp: 2002811

Ion Ratio Lower Upper

93 100

95 34.1 25.5 38.3

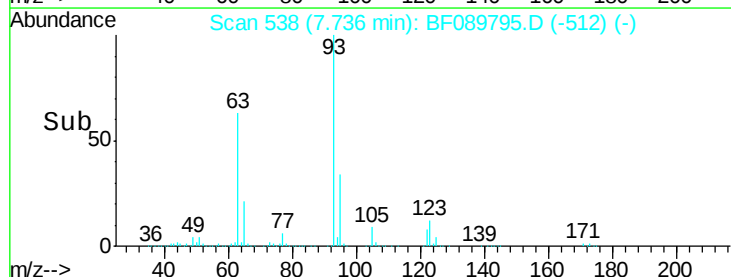
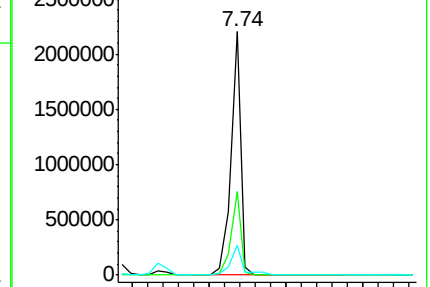
123 12.1 8.5 12.7

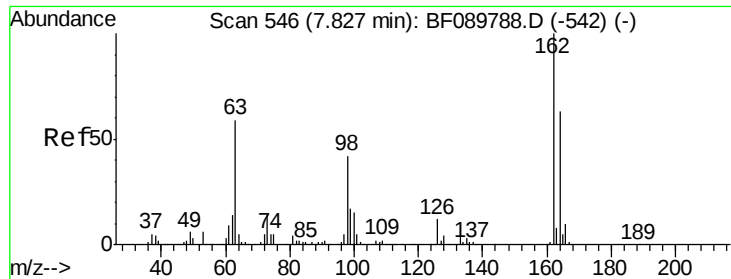


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

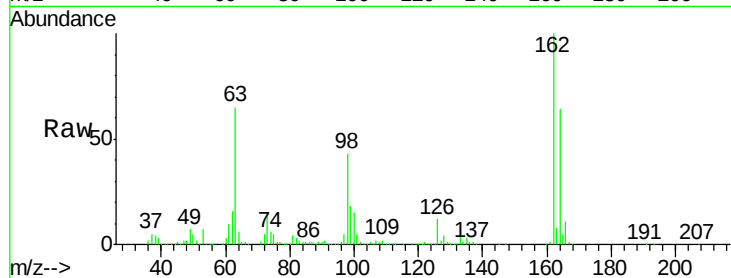




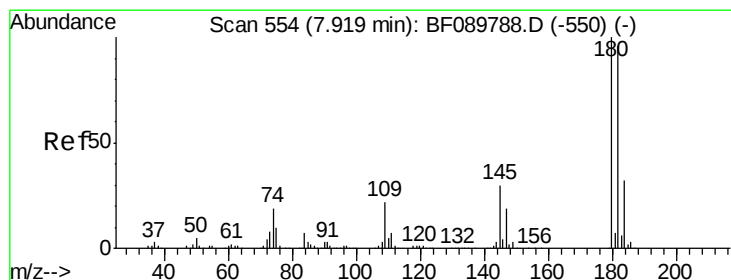
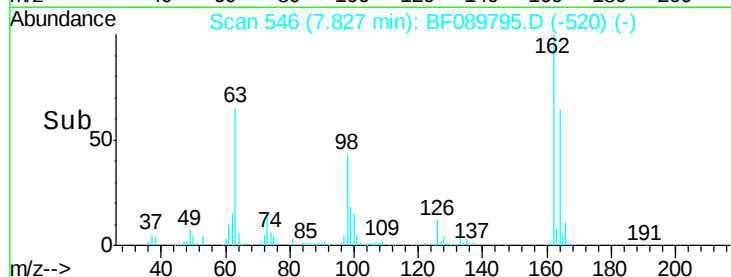
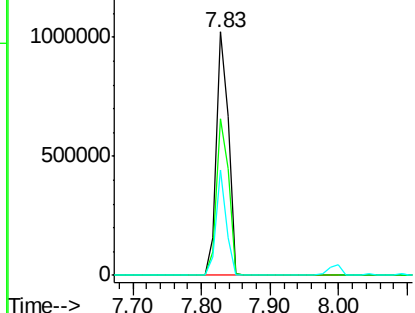
#29
 2,4-Dichlorophenol
 Concen: 33.90 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:162 Resp: 1283882
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.5 85.5
 98 43.3 12.4 52.4

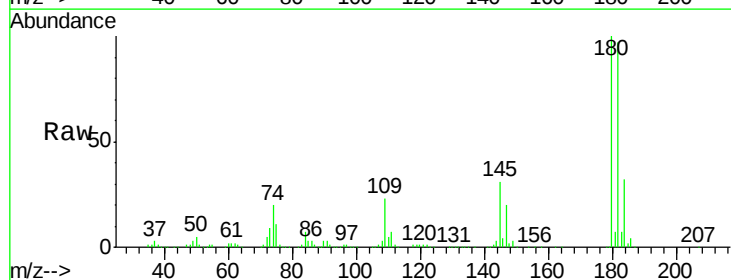


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

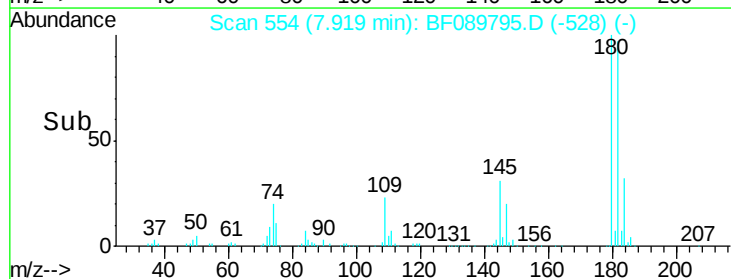
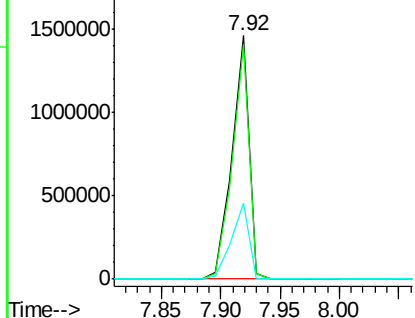


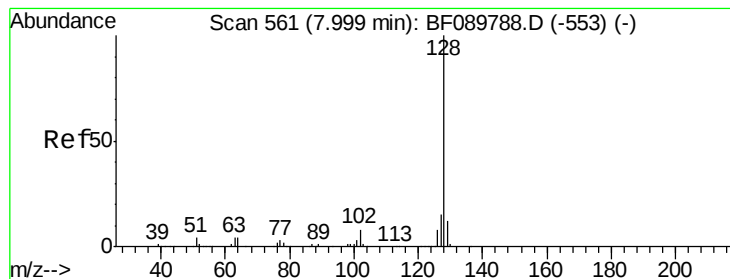
#30
 1,2,4-Trichlorobenzene
 Concen: 34.61 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:180 Resp: 1449763
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.5 113.3
 145 31.0 28.7 43.1



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





#31

Naphthalene

Concen: 34.36 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

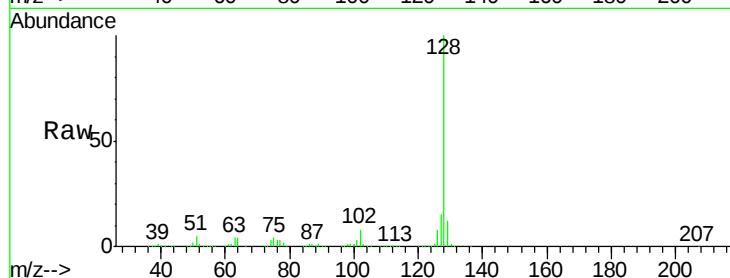
Tgt Ion:128 Resp: 4463106

Ion Ratio Lower Upper

128 100

129 12.2 9.5 14.3

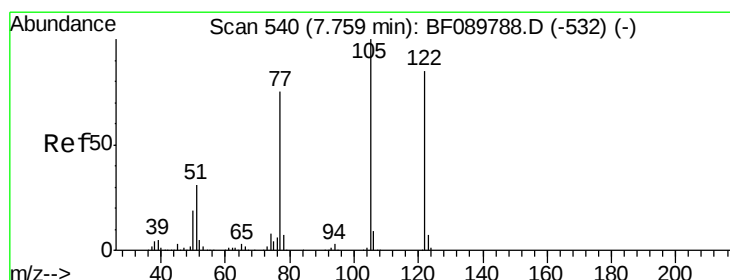
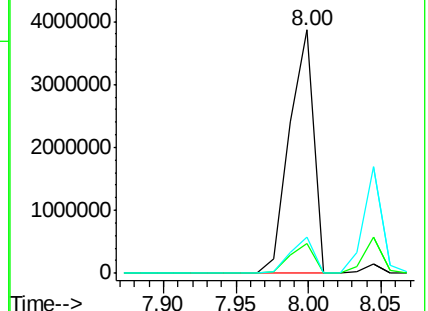
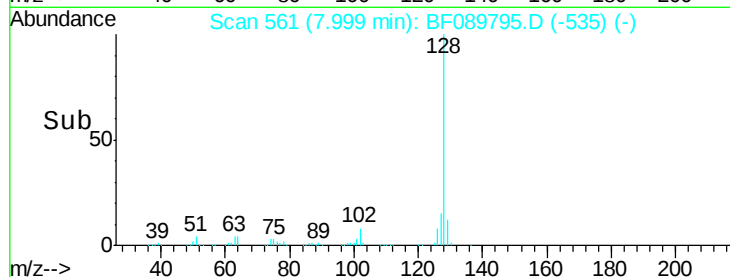
127 14.7 11.3 16.9



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: 29.38 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

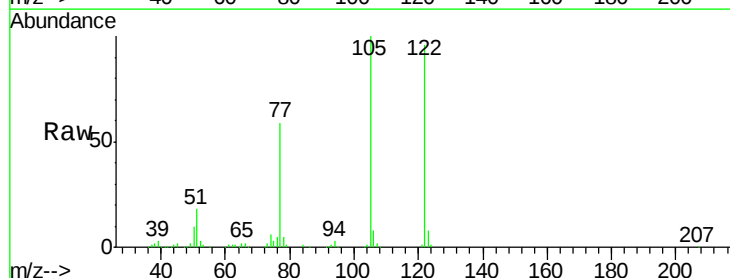
Tgt Ion:122 Resp: 1033110

Ion Ratio Lower Upper

122 100

105 104.3 100.8 140.8

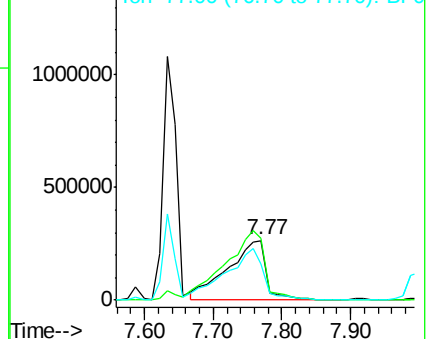
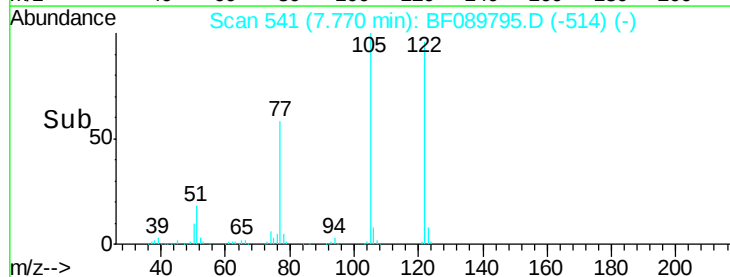
77 61.4 72.1 112.1#

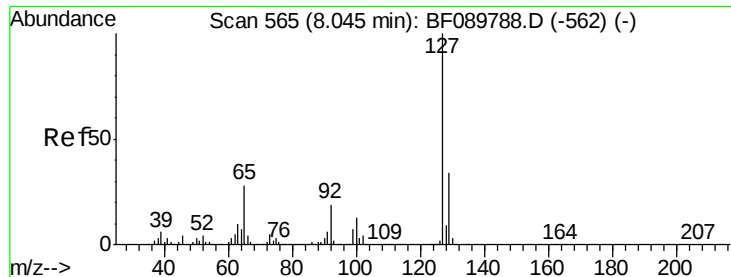


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

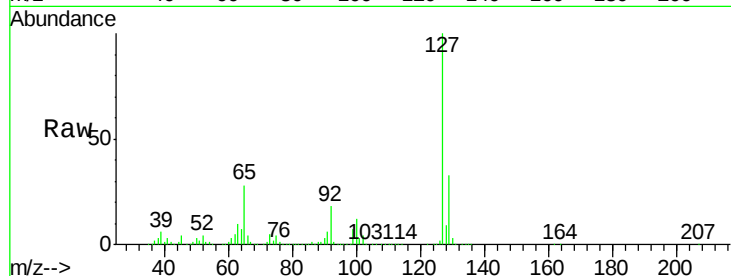




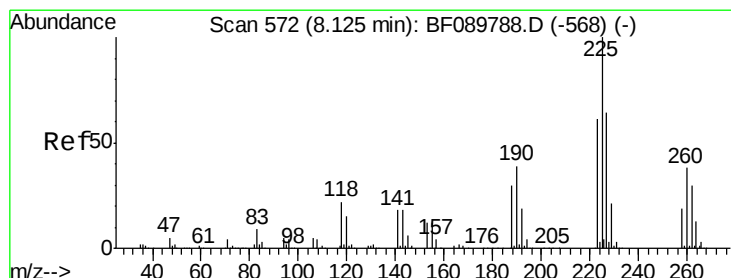
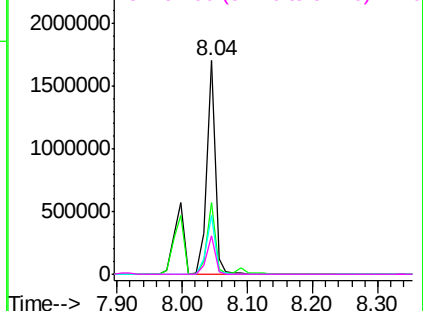
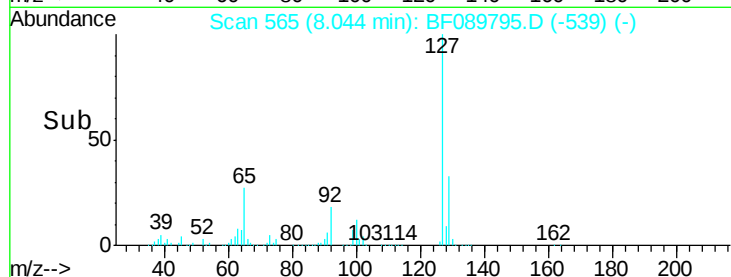
#33
4-Chloroaniline
Concen: 27.01 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion:127 Resp: 1520646
Ion Ratio Lower Upper
127 100
129 33.4 27.0 40.6
65 27.8 14.7 22.1#
92 18.1 11.7 17.5#

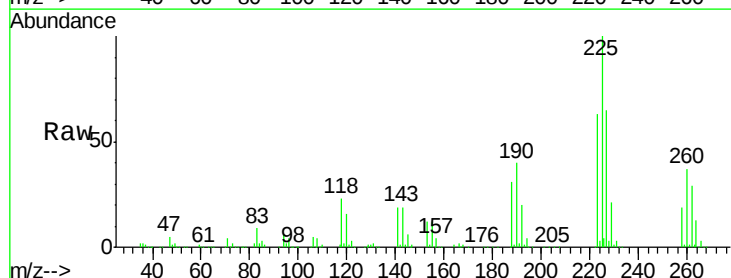


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

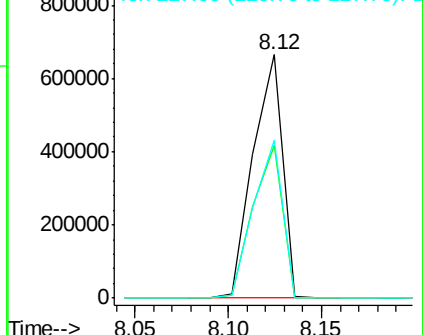
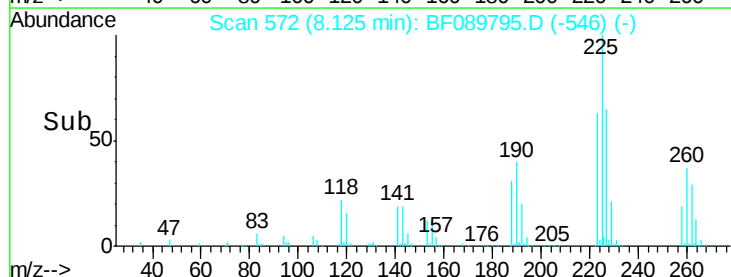


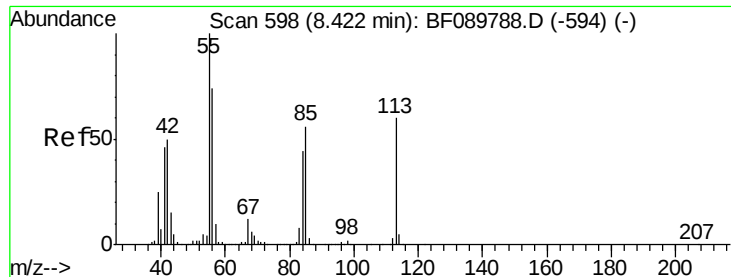
#34
Hexachlorobutadiene
Concen: 33.54 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:225 Resp: 735664
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 64.7 49.8 74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

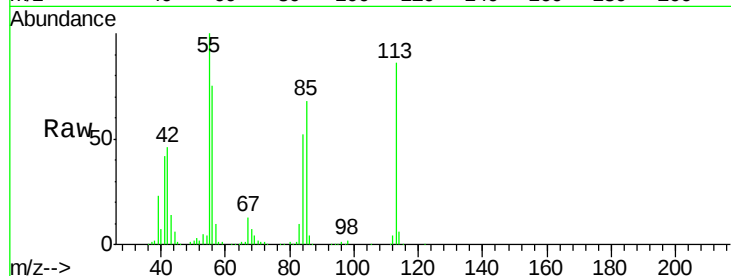




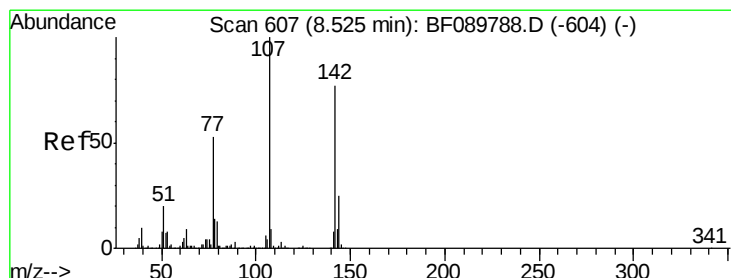
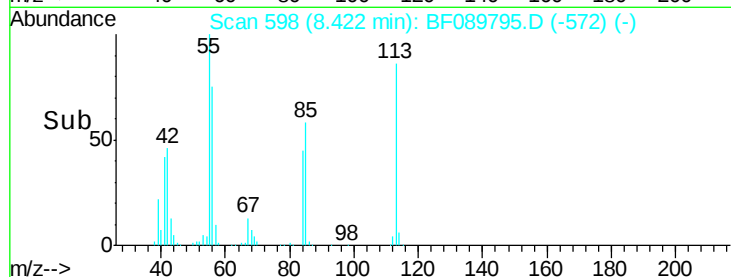
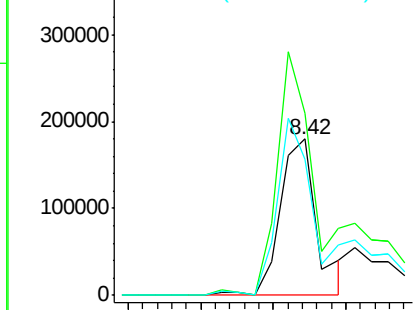
#35
 Caprolactam
 Concen: 27.11 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:113 Resp: 312686
 Ion Ratio Lower Upper
 113 100
 55 116.6 135.9 175.9#
 56 87.3 93.9 133.9#

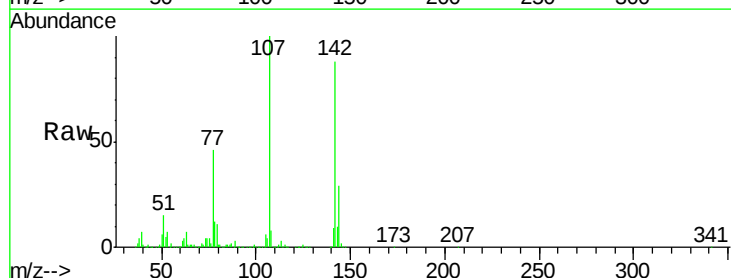


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

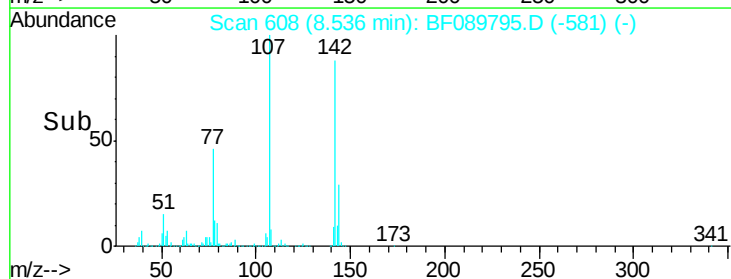
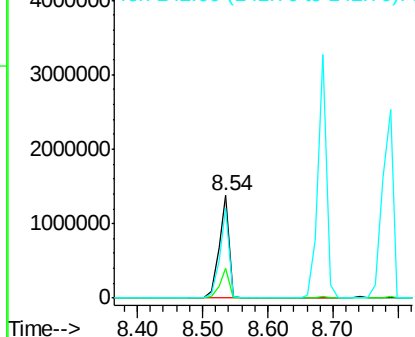


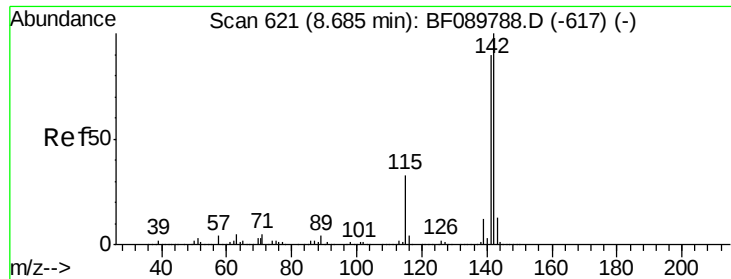
#36
 4-Chloro-3-methylphenol
 Concen: 36.67 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:107 Resp: 1503791
 Ion Ratio Lower Upper
 107 100
 144 29.2 22.6 34.0
 142 88.5 69.3 103.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

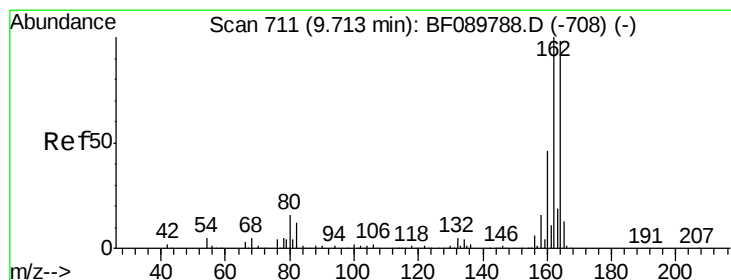
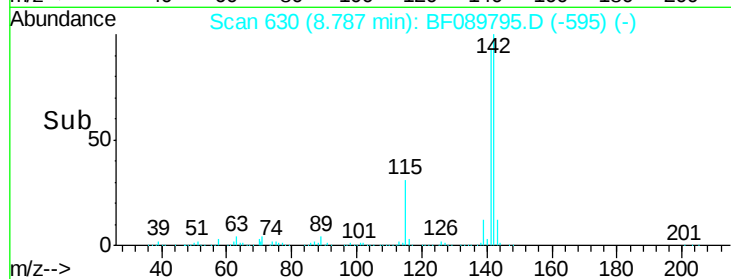
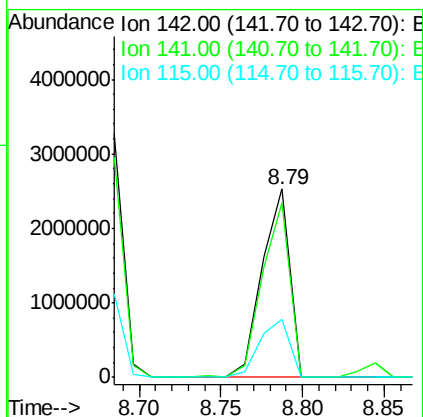
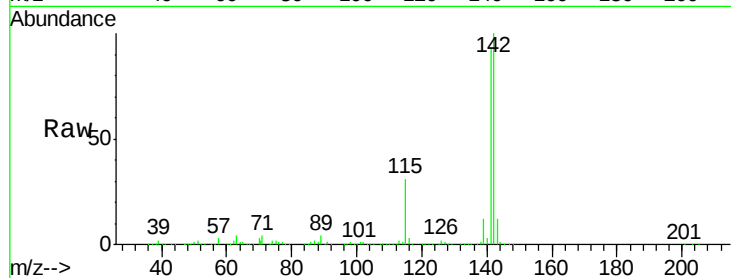




#37
 2-Methylnaphthalene
 Concen: 35.43 ng
 RT: 8.79 min Scan# 630
 Delta R.T. 0.10 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

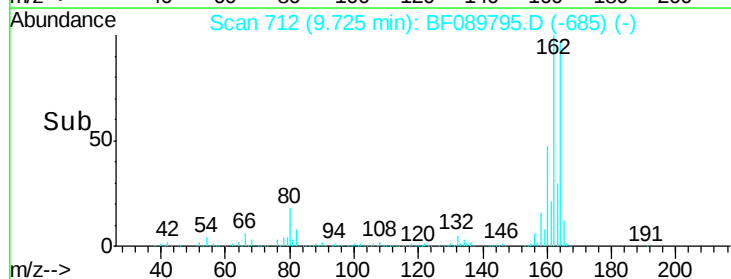
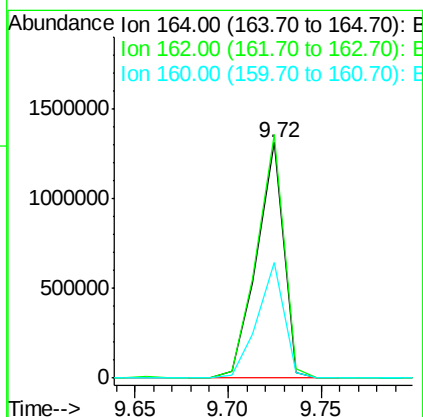
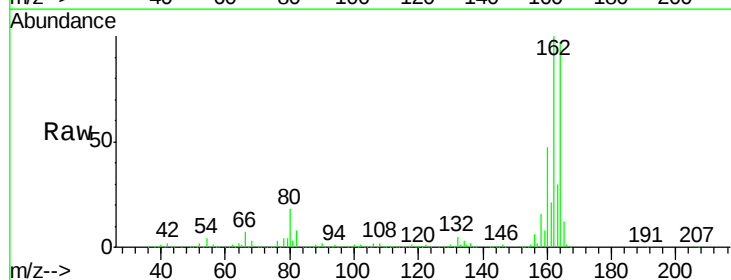
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

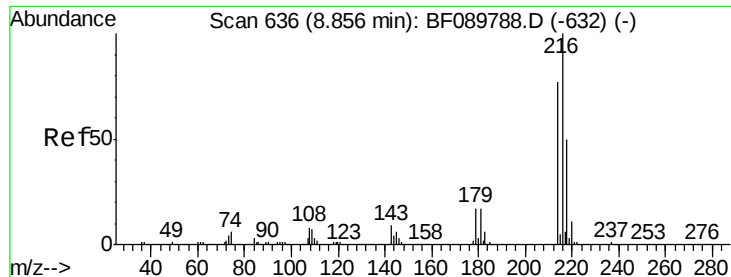
Tgt Ion:142 Resp: 2977018
 Ion Ratio Lower Upper
 142 100
 141 92.8 71.4 107.2
 115 31.1 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:164 Resp: 1317655
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.4 122.2
 160 49.1 37.8 56.6

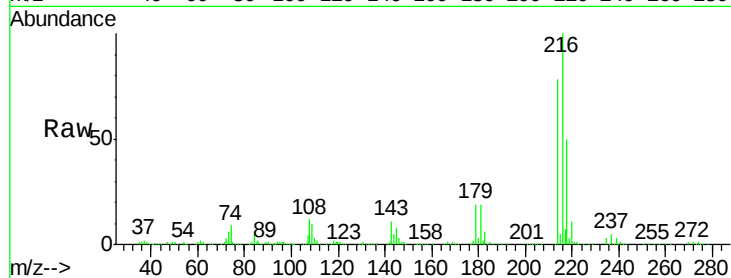




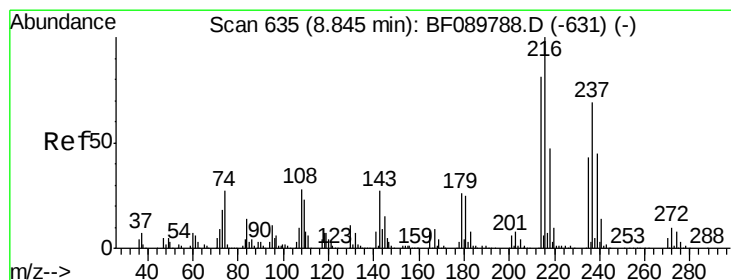
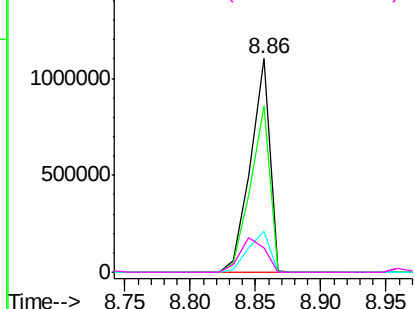
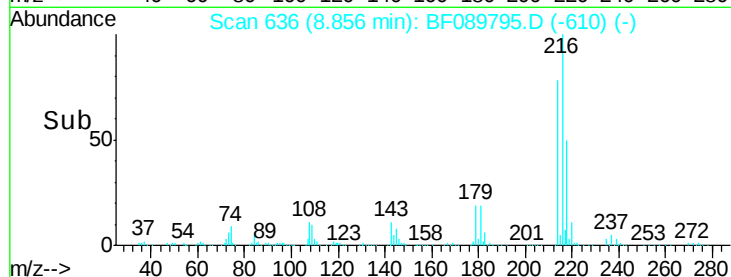
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.69 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:	216	Resp:	1138971
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.5	95.3
179	21.3	19.9	29.9
108	20.6	19.9	29.9

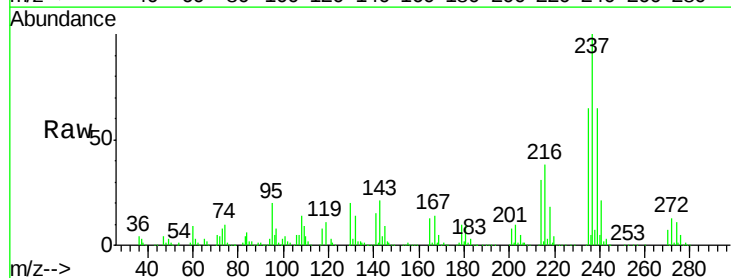


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

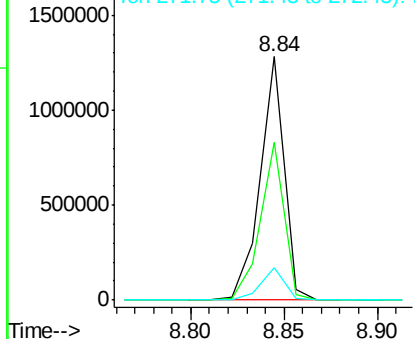
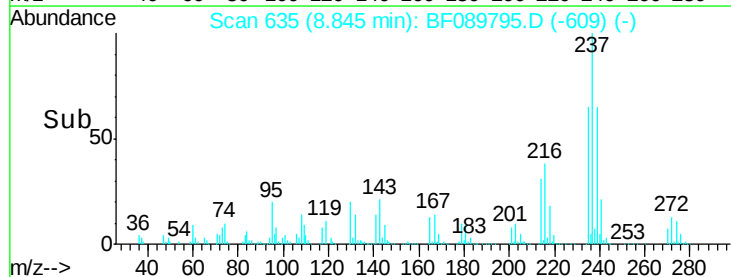


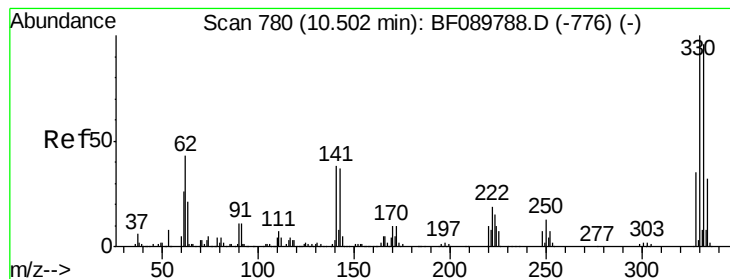
#40
 Hexachlorocyclopentadiene
 Concen: 76.39 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:	237	Resp:	1131699
Ion	Ratio	Lower	Upper
237	100		
235	64.6	43.7	83.7
272	13.5	0.0	31.6



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

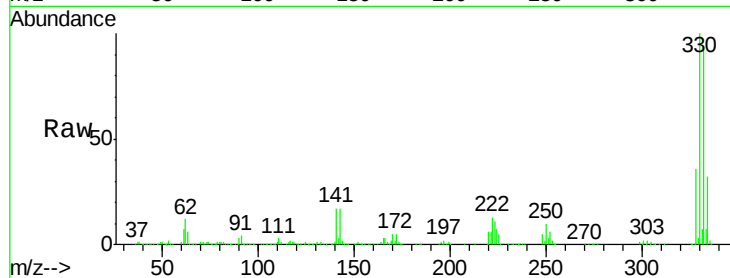




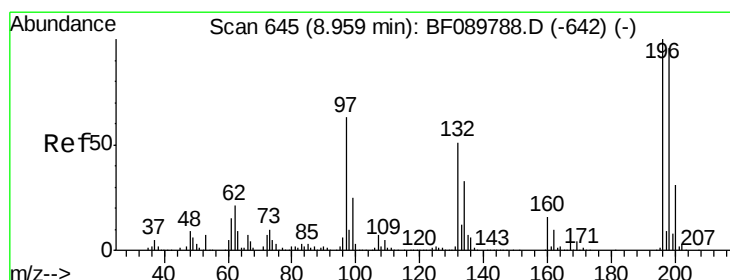
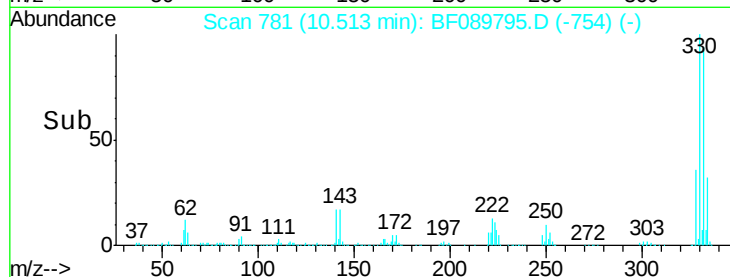
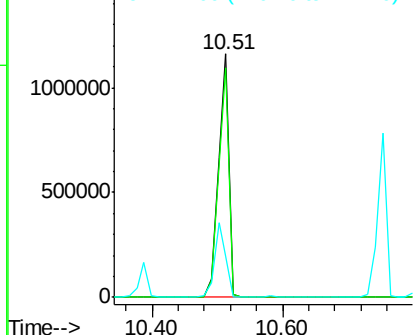
#41
 2,4,6-Tribromophenol
 Concen: 107.02 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:330 Resp: 1340143
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 32.9 30.2 45.2

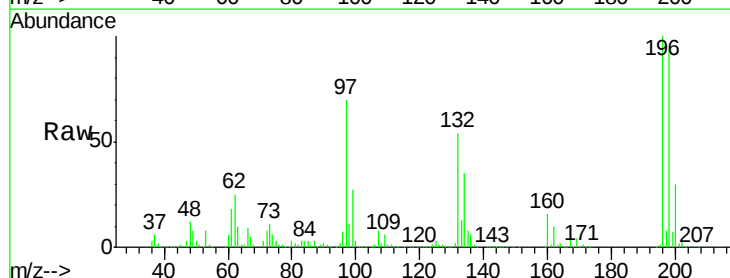


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

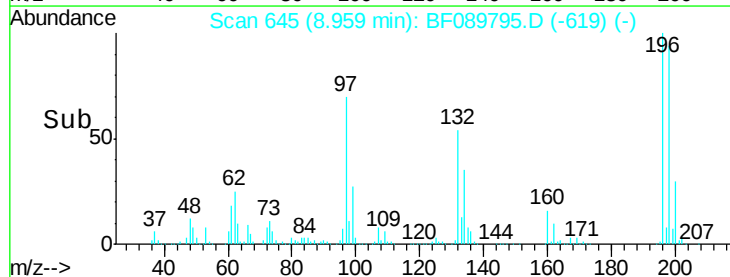
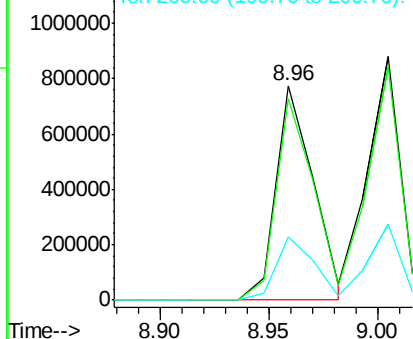


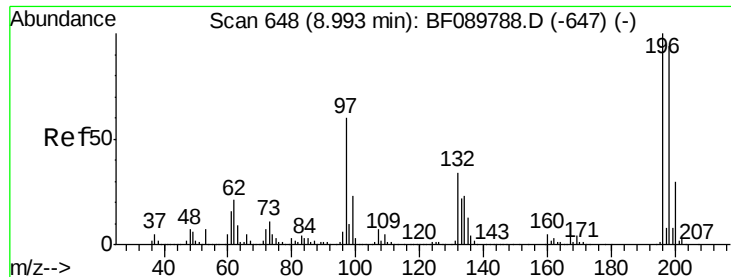
#42
 2,4,6-Trichlorophenol
 Concen: 34.56 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:196 Resp: 927690
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 29.6 24.6 36.8



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

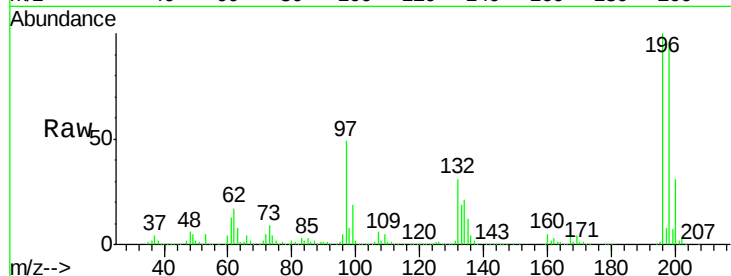




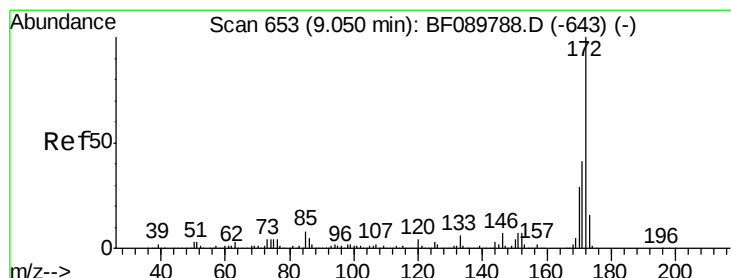
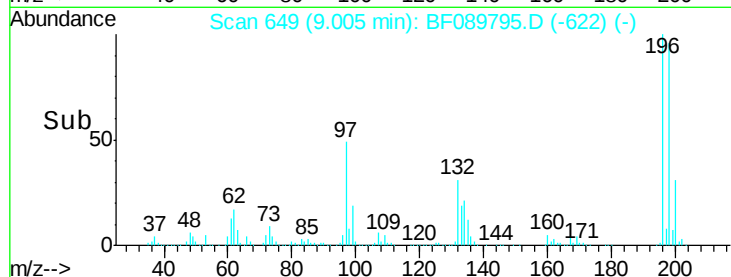
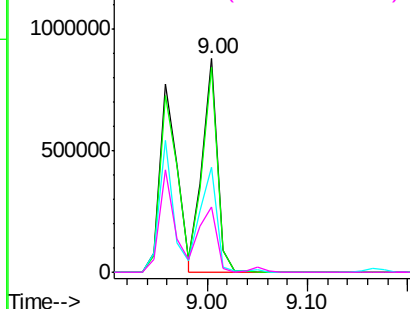
#43
 2,4,5-Trichlorophenol
 Concen: 34.69 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:196 Resp: 926199
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 114.8
 97 49.4 35.8 53.8
 132 30.5 23.5 35.3

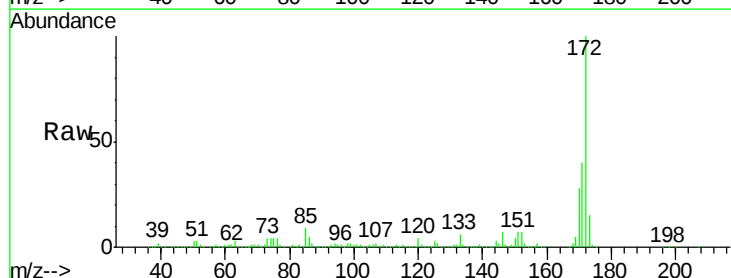


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

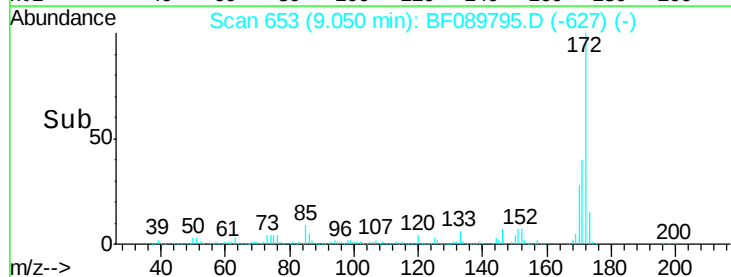
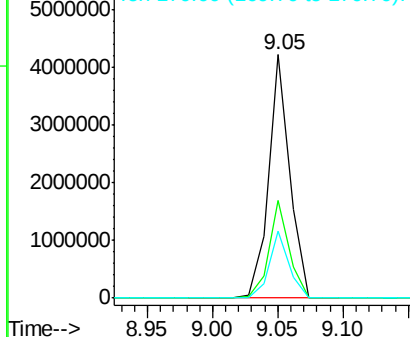


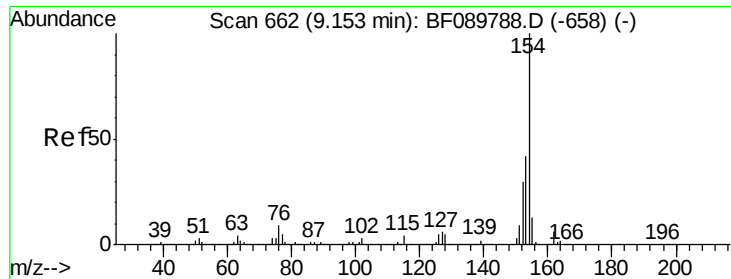
#44
 2-Fluorobiphenyl
 Concen: 63.26 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:172 Resp: 4742590
 Ion Ratio Lower Upper
 172 100
 171 39.9 30.5 45.7
 170 27.7 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

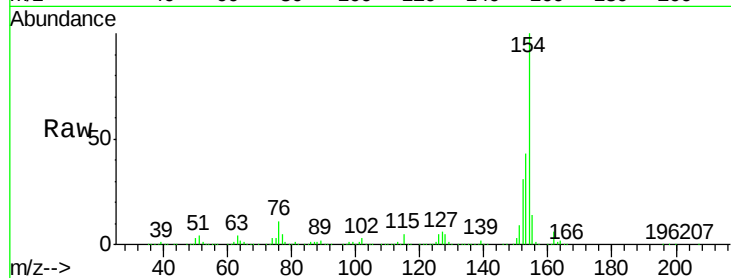




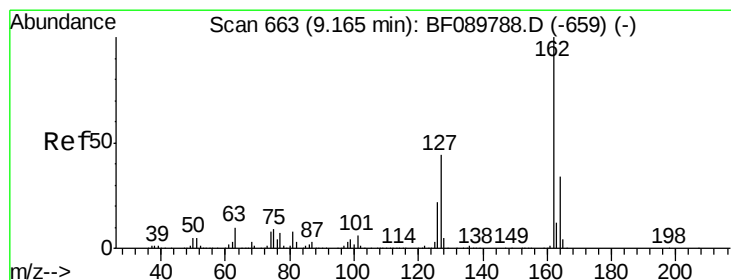
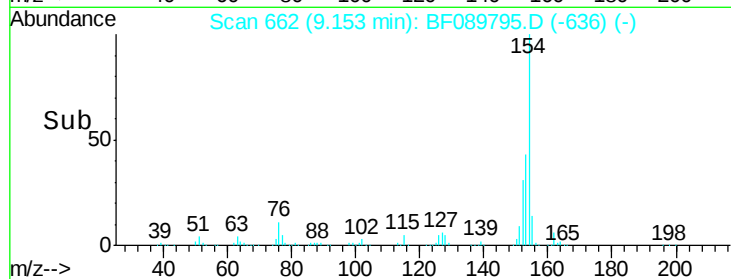
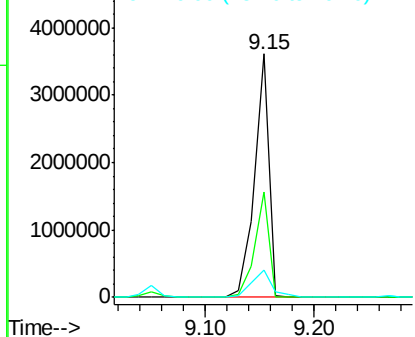
#45
 1,1'-Biphenyl
 Concen: 32.72 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:154 Resp: 3336183
 Ion Ratio Lower Upper
 154 100
 153 43.3 21.5 61.5
 76 11.1 0.0 36.7

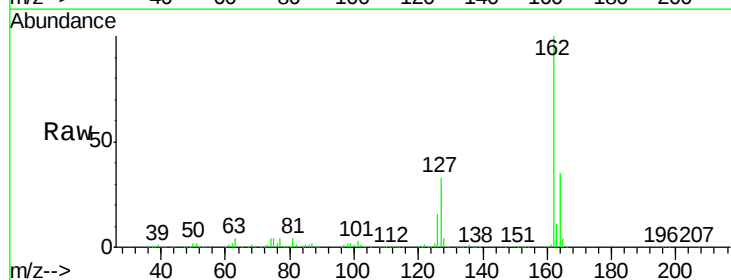


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

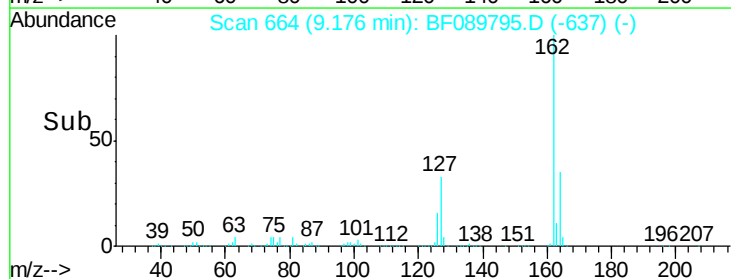
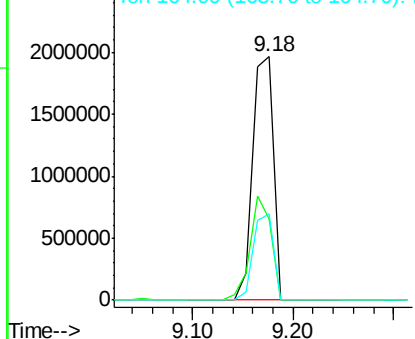


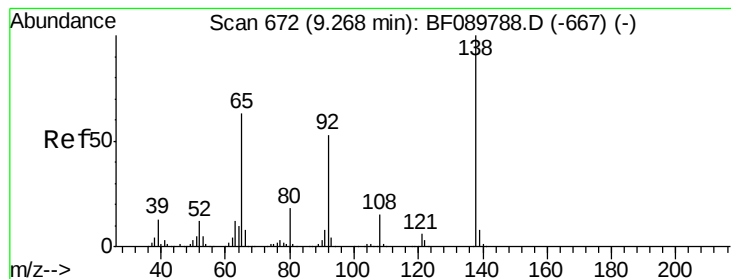
#46
 2-Chloronaphthalene
 Concen: 34.75 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:162 Resp: 2800719
 Ion Ratio Lower Upper
 162 100
 127 33.3 35.5 53.3#
 164 35.2 26.6 40.0



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

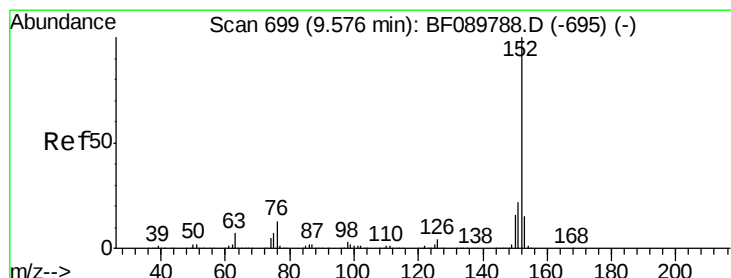
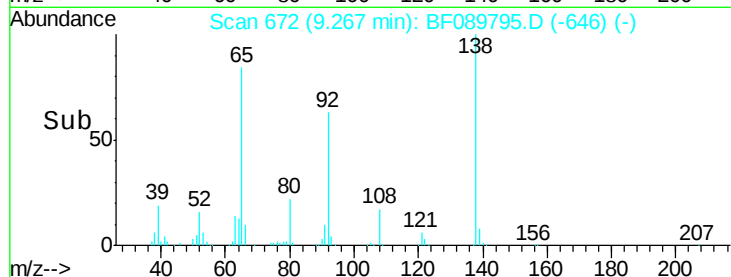
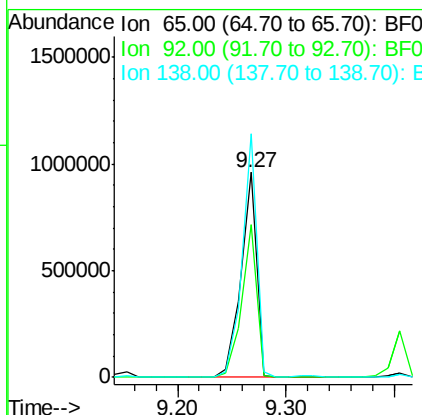
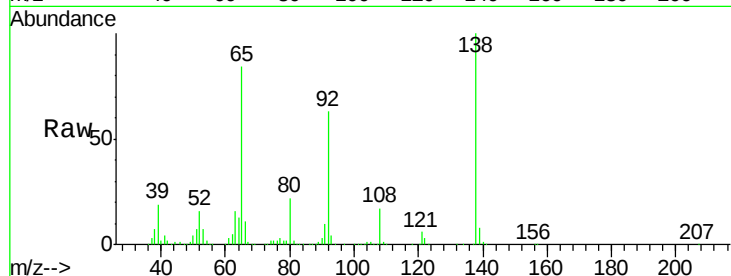




#47
 2-Nitroaniline
 Concen: 40.65 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

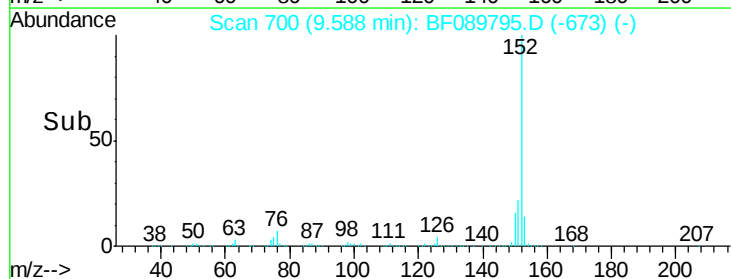
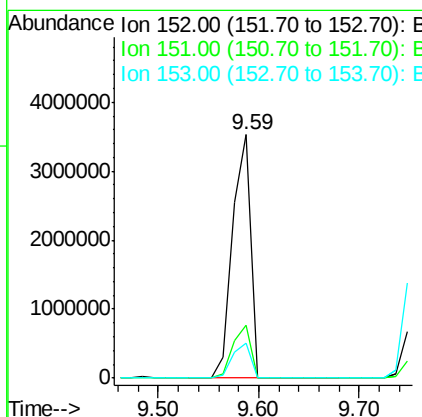
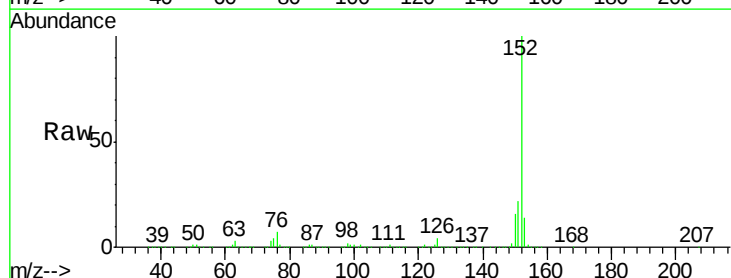
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

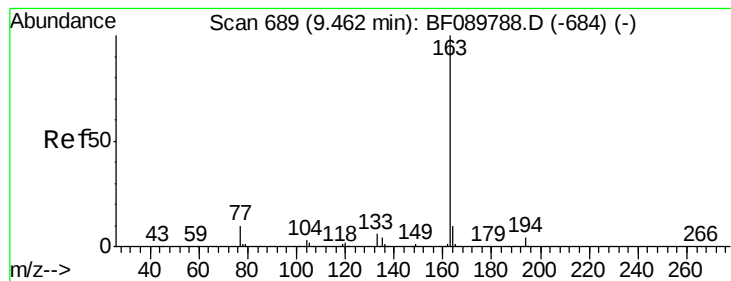
Tgt Ion:	65	Resp:	934447
Ion	Ratio	Lower	Upper
65	100		
92	74.4	56.3	84.5
138	118.8	81.8	122.8



#48
 Acenaphthylene
 Concen: 36.32 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:	152	Resp:	4399420
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.1	25.7
153	14.4	11.2	16.8





#49

Dimethylphthalate

Concen: 34.97 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

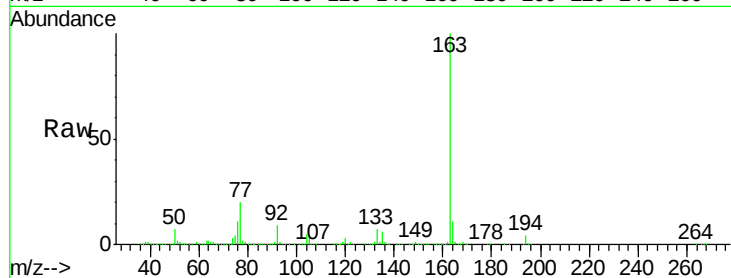
Tgt Ion:163 Resp: 3244721

Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

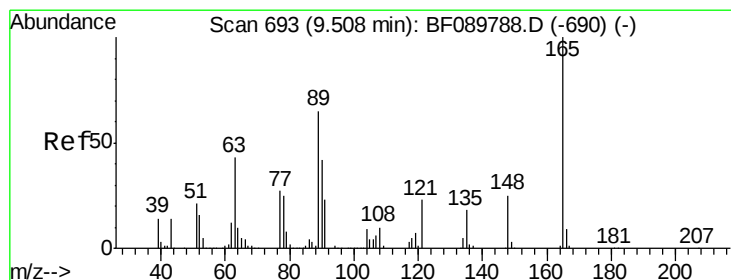
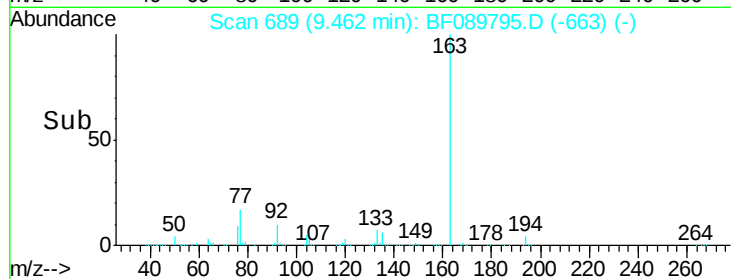
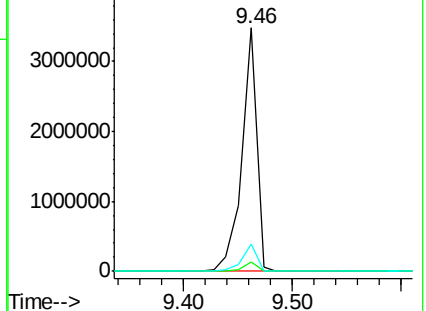
164 11.2 8.6 12.8



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: 36.46 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

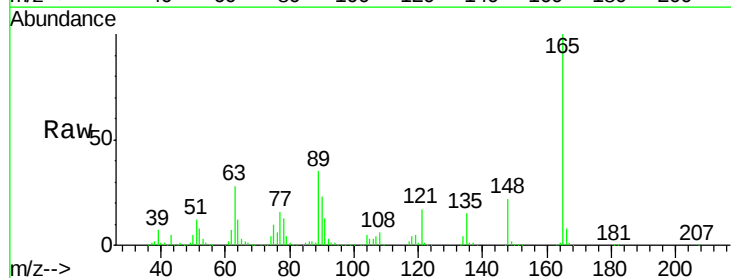
Tgt Ion:165 Resp: 781056

Ion Ratio Lower Upper

165 100

63 27.9 41.7 62.5#

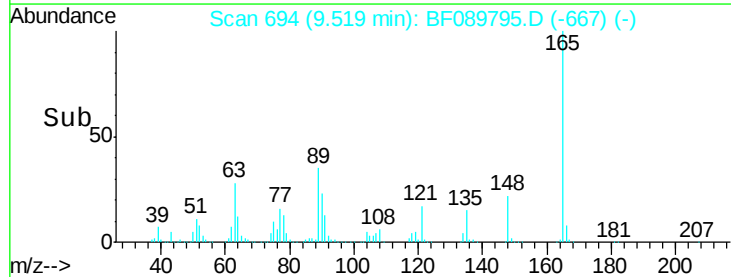
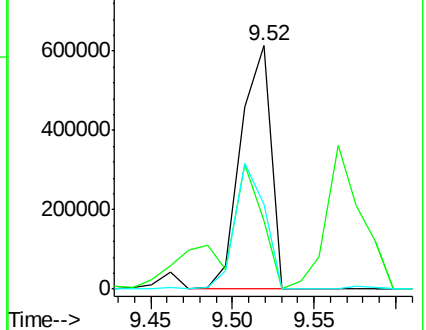
89 35.1 44.6 67.0#

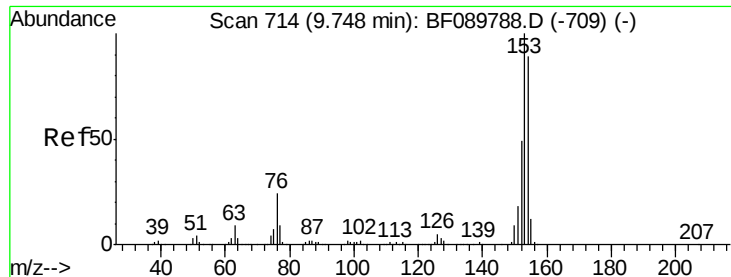


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.22 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

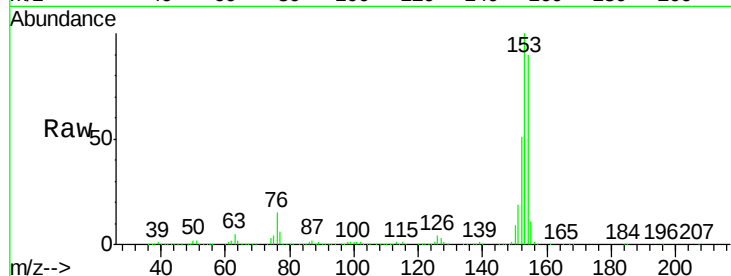
Tgt Ion:154 Resp: 3223832

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

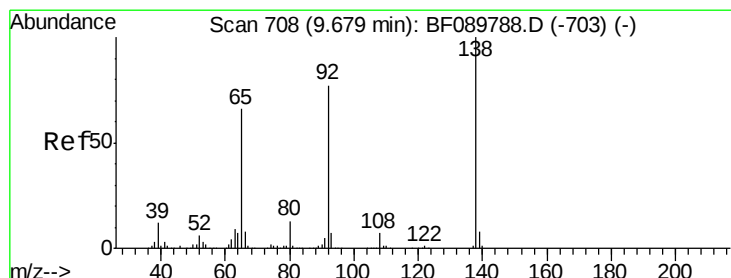
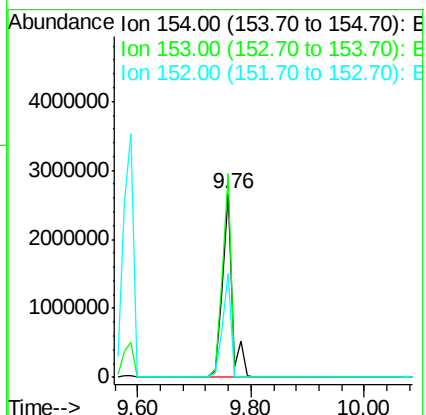
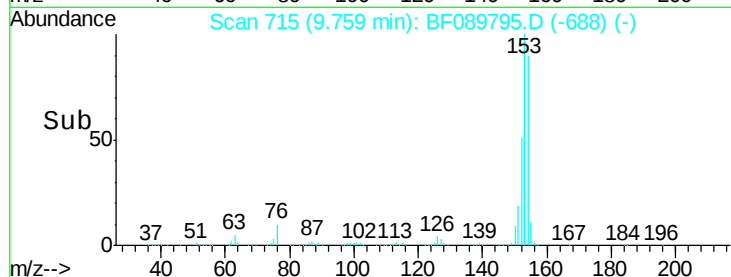
152 56.5 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.10 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

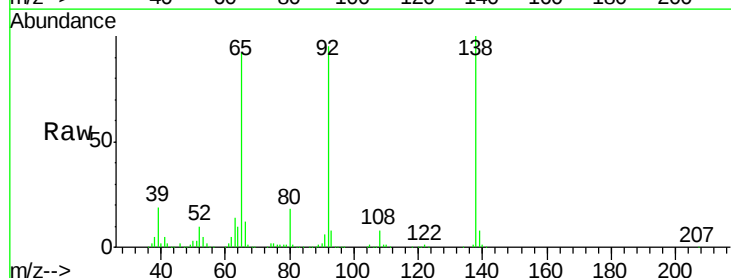
Tgt Ion:138 Resp: 738131

Ion Ratio Lower Upper

138 100

108 8.5 8.1 12.1

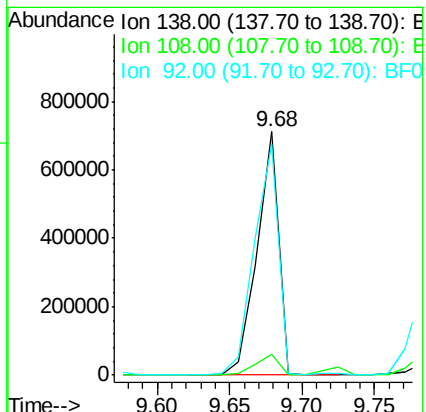
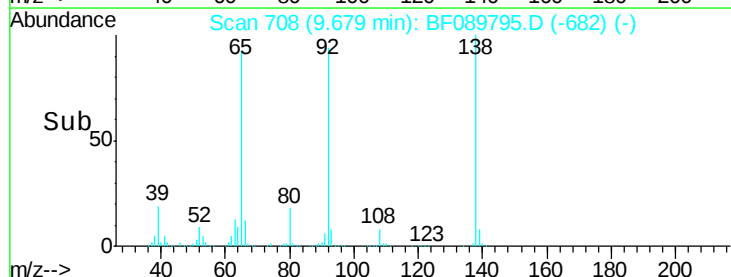
92 95.0 92.7 139.1

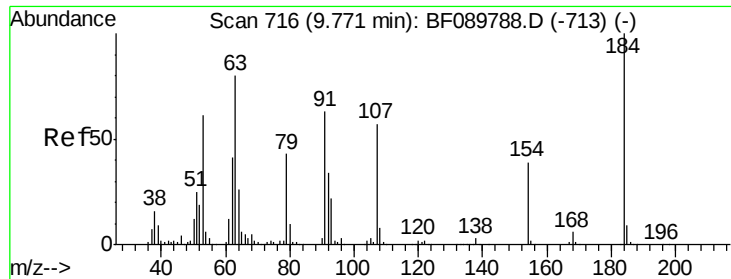


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

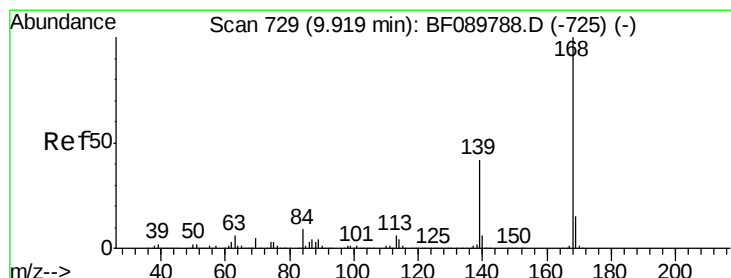
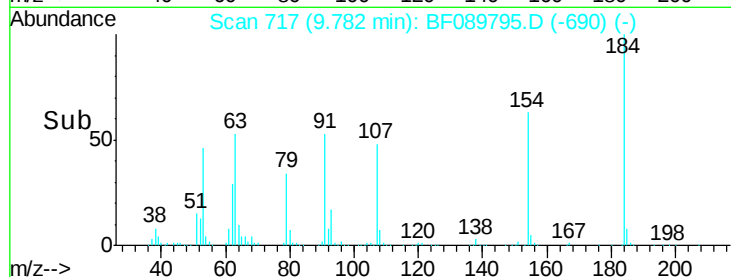
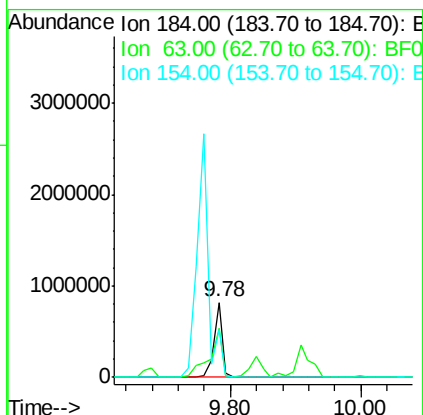
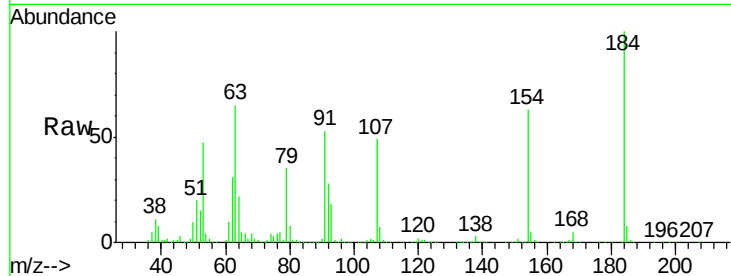




#53
 2,4-Dinitrophenol
 Concen: 64.51 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

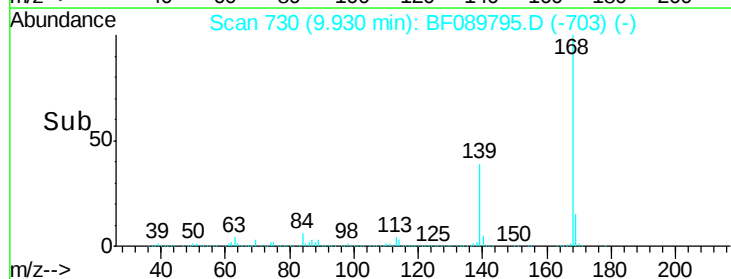
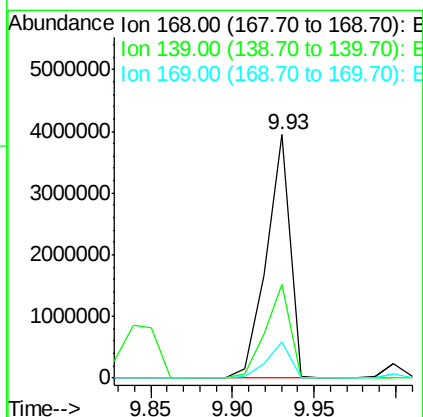
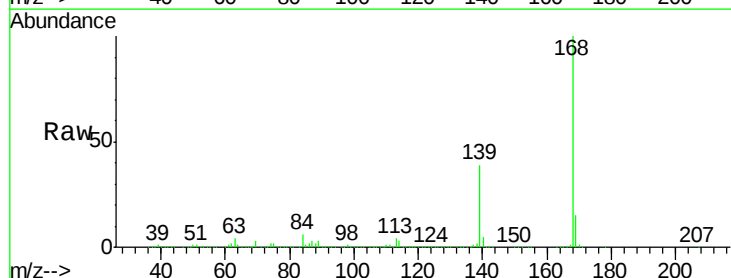
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

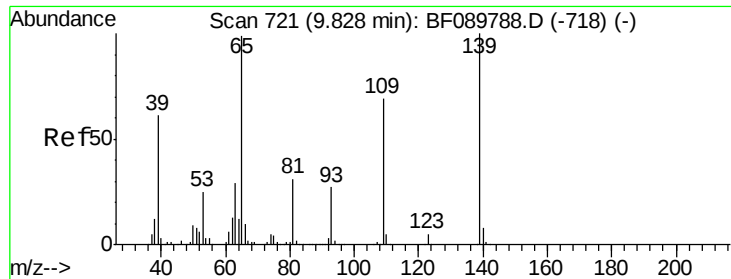
Tgt Ion:184 Resp: 743913
 Ion Ratio Lower Upper
 184 100
 63 65.2 54.2 81.4
 154 63.2 52.7 79.1



#54
 Dibenzofuran
 Concen: 39.59 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:168 Resp: 3985799
 Ion Ratio Lower Upper
 168 100
 139 38.6 34.6 52.0
 169 15.0 11.5 17.3

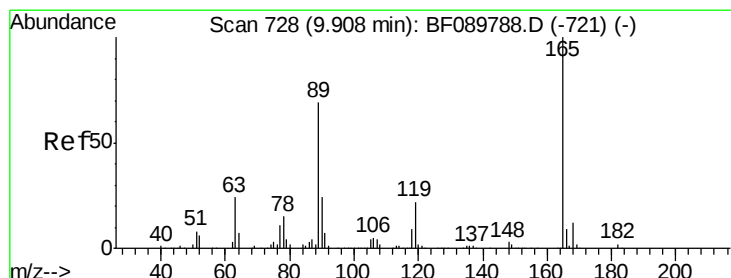
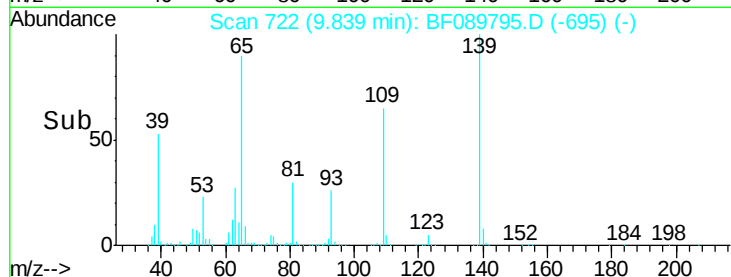
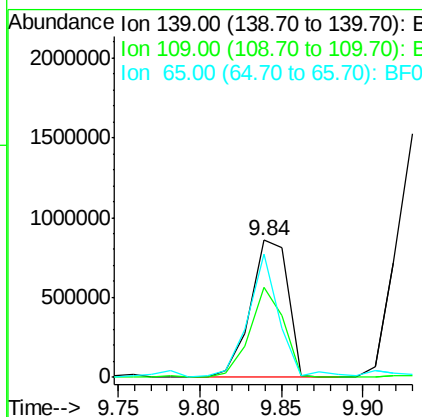
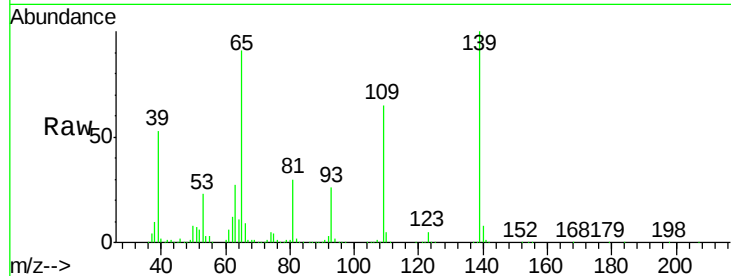




#55
 4-Nitrophenol
 Concen: 71.16 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

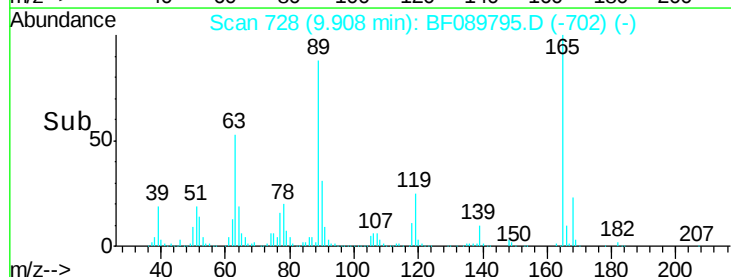
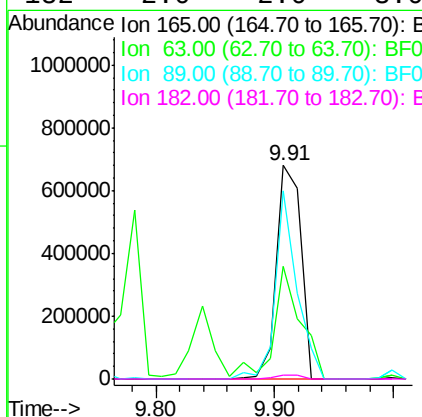
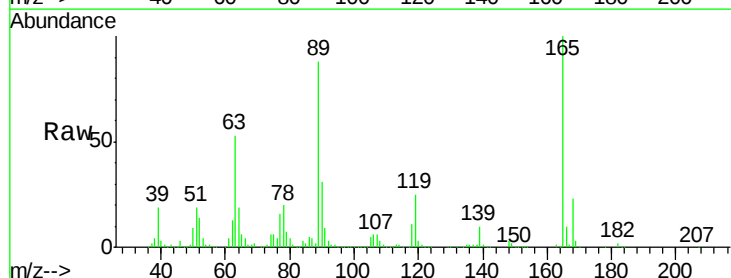
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

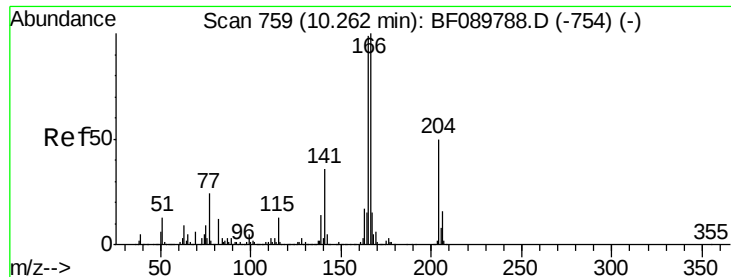
Tgt Ion:139 Resp: 1378468
 Ion Ratio Lower Upper
 139 100
 109 65.5 43.0 83.0
 65 90.5 55.7 95.7



#56
 2,4-Dinitrotoluene
 Concen: 34.59 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:165 Resp: 961300
 Ion Ratio Lower Upper
 165 100
 63 53.0 23.7 35.5#
 89 88.2 44.0 66.0#
 182 2.0 2.0 3.0

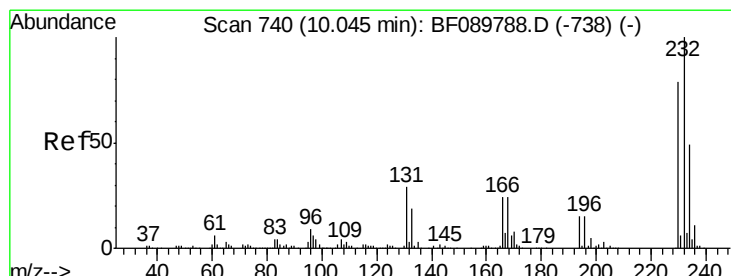
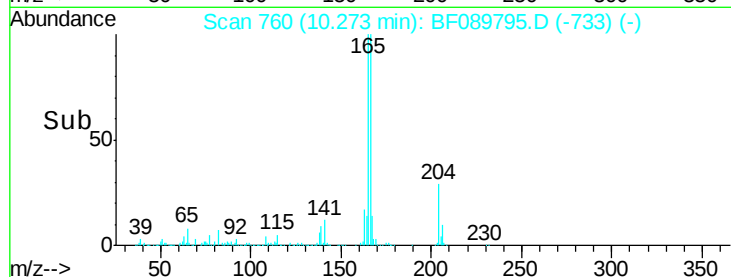
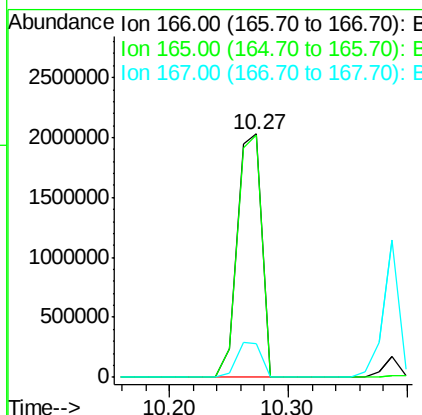
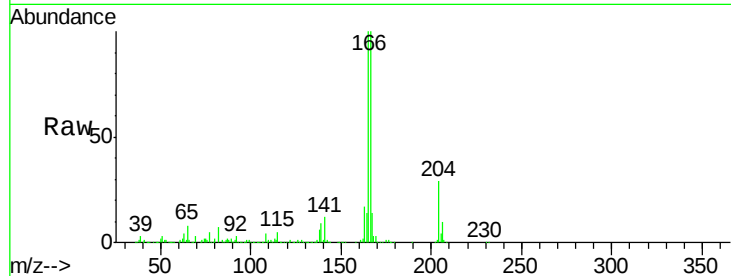




#57
 Fluorene
 Concen: 36.16 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

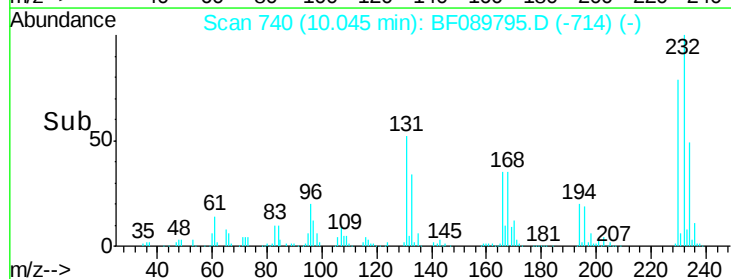
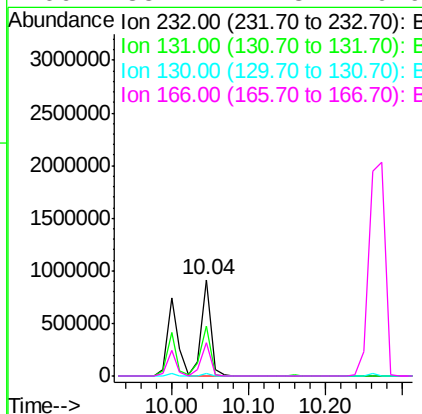
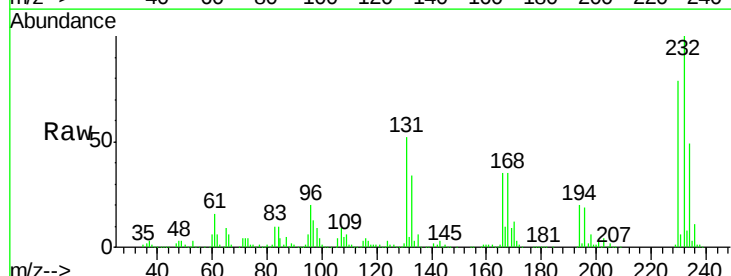
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

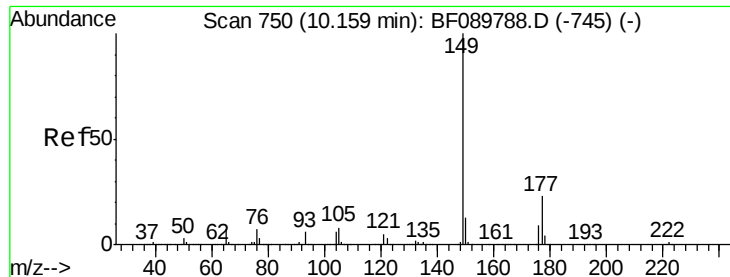
Tgt Ion:166 Resp: 2901226
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.2 120.4
 167 13.8 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.27 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:232 Resp: 782395
 Ion Ratio Lower Upper
 232 100
 131 54.6 42.5 63.7
 130 2.6 2.2 3.4
 166 35.2 27.3 40.9

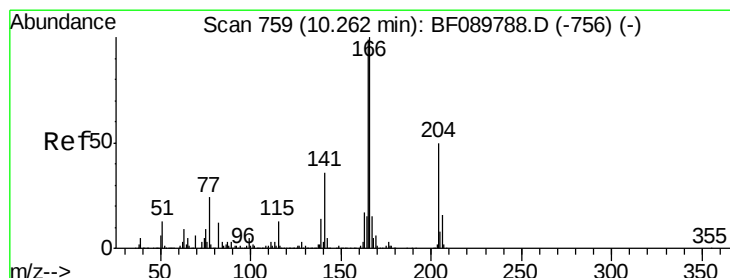
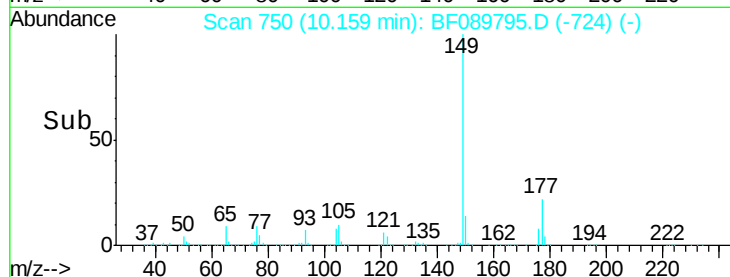
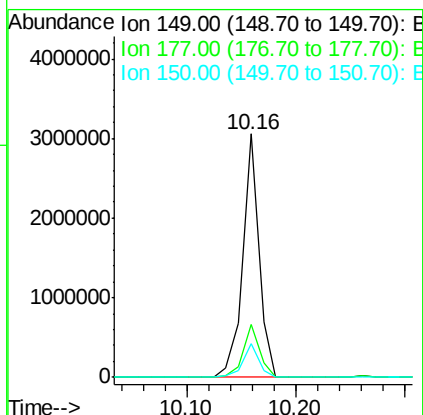
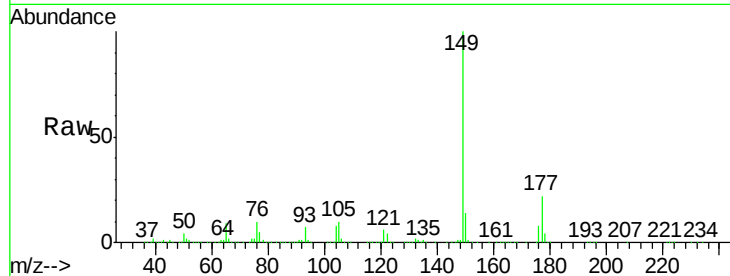




#59
Diethylphthalate
Concen: 33.20 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

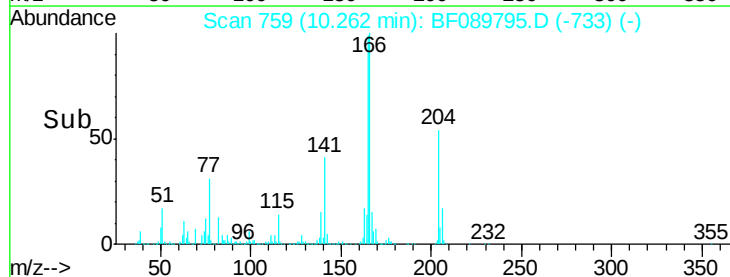
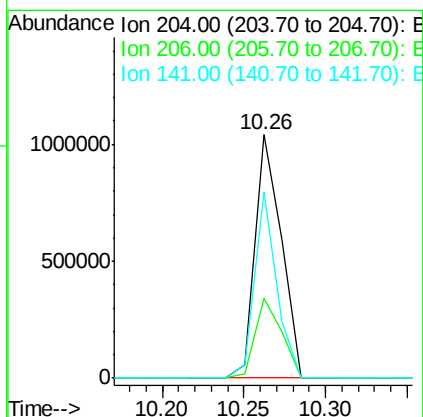
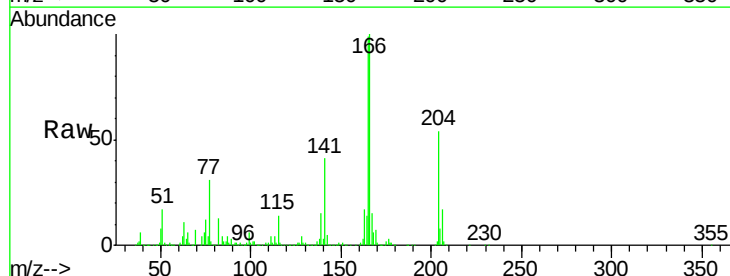
Instrument :
BNA_F
ClientSampleId :
PB92811BS

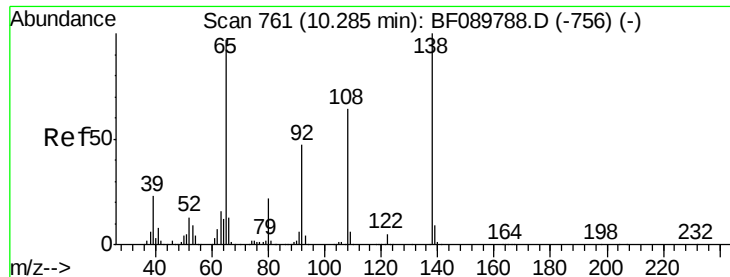
Tgt Ion:149 Resp: 3129384
Ion Ratio Lower Upper
149 100
177 21.8 16.6 25.0
150 13.7 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 31.82 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:204 Resp: 1164510
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 76.5 54.1 81.1

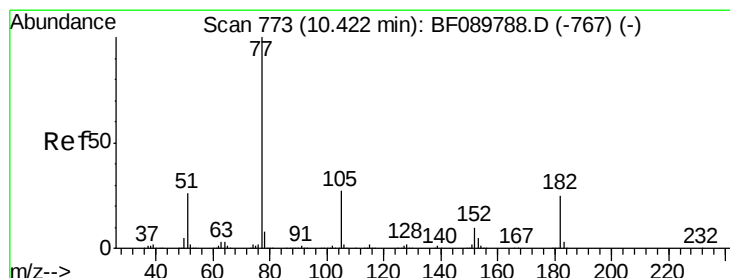
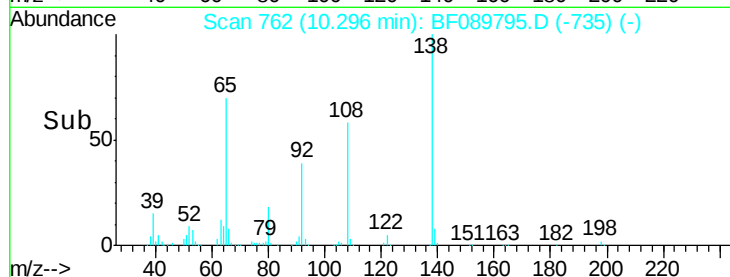
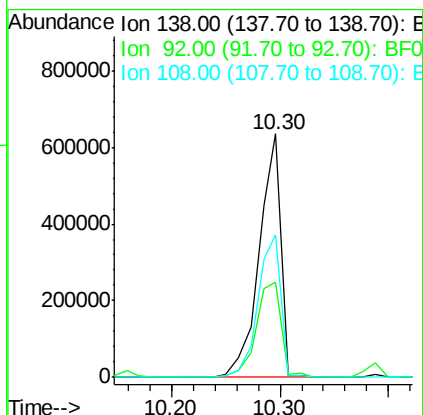
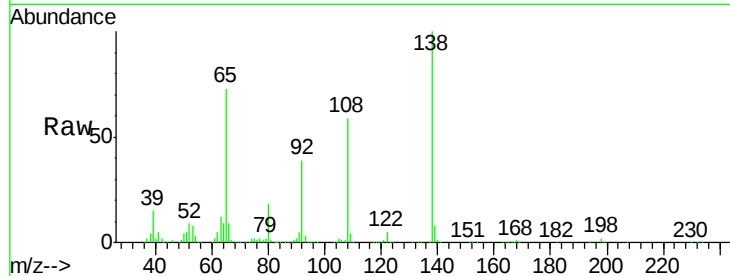




#61
4-Nitroaniline
Concen: 39.55 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

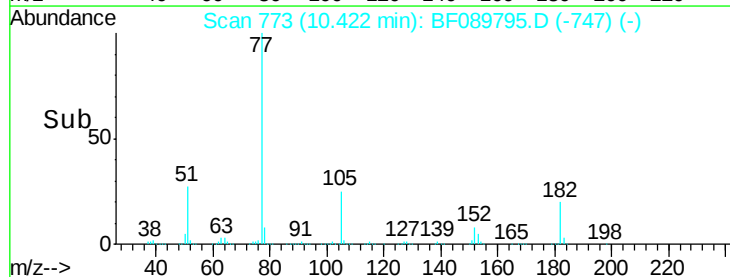
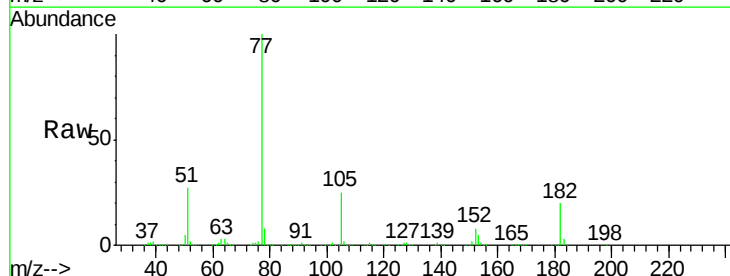
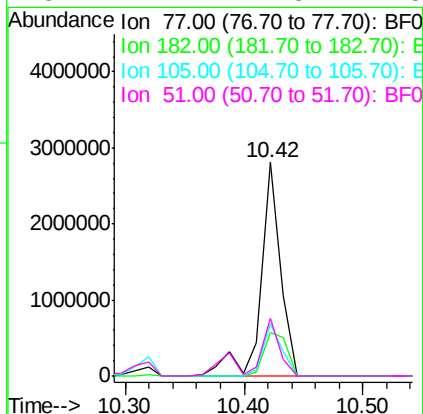
Instrument :
BNA_F
ClientSampleId :
PB92811BS

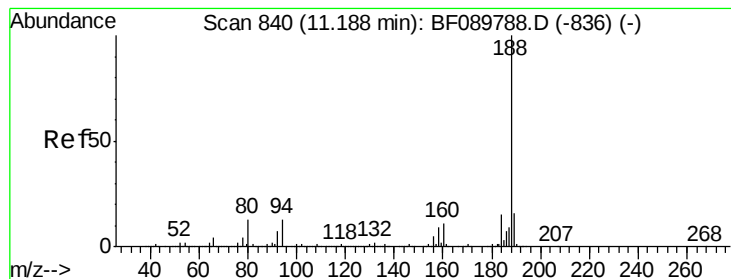
Tgt Ion:138 Resp: 879861
Ion Ratio Lower Upper
138 100
92 39.2 26.4 66.4
108 58.6 47.0 87.0



#62
Azobenzene
Concen: 37.12 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion: 77 Resp: 3289511
Ion Ratio Lower Upper
77 100
182 20.3 5.6 45.6
105 24.8 4.0 44.0
51 27.1 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleID :

PB92811BS

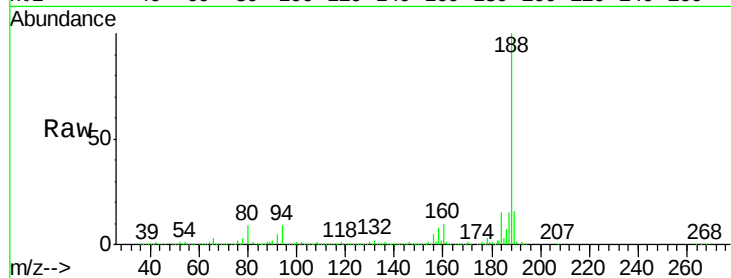
Tgt Ion:188 Resp: 2317320

Ion Ratio Lower Upper

188 100

94 8.9 10.2 15.2#

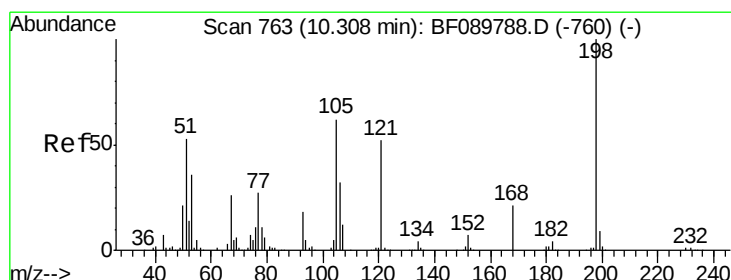
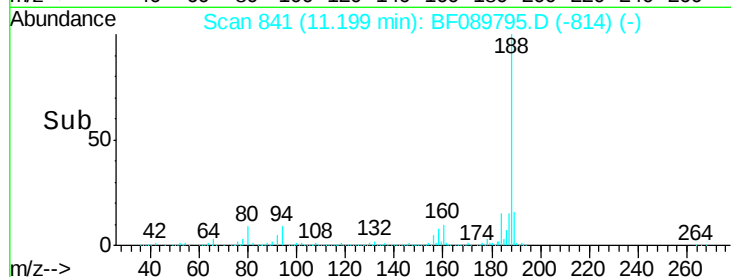
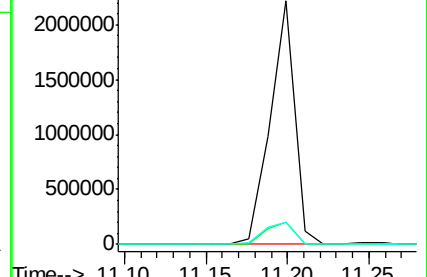
80 8.9 10.9 16.3#



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: 39.96 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

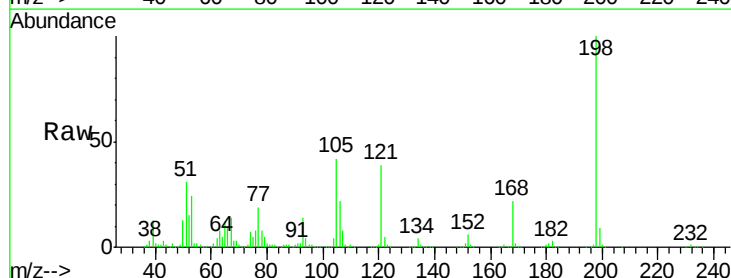
Tgt Ion:198 Resp: 532065

Ion Ratio Lower Upper

198 100

51 31.1 32.3 72.3#

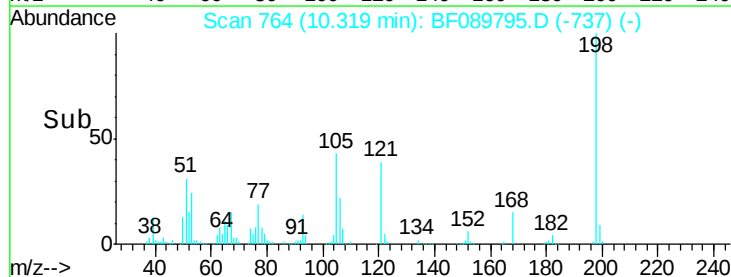
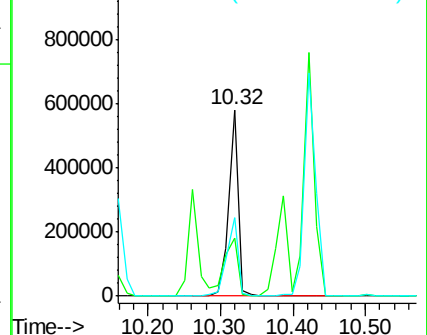
105 42.2 32.9 72.9

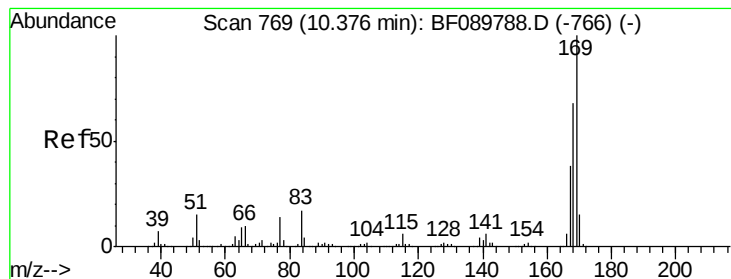


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.34 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

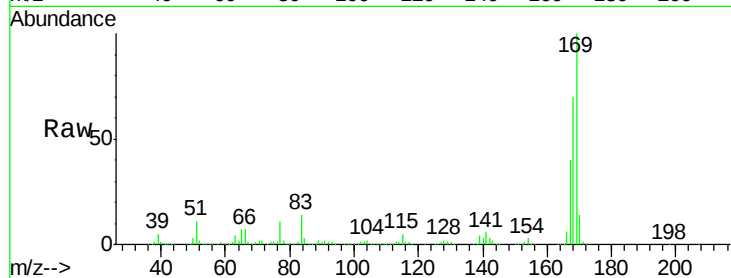
Tgt Ion:169 Resp: 2648124

Ion Ratio Lower Upper

169 100

168 69.7 54.6 82.0

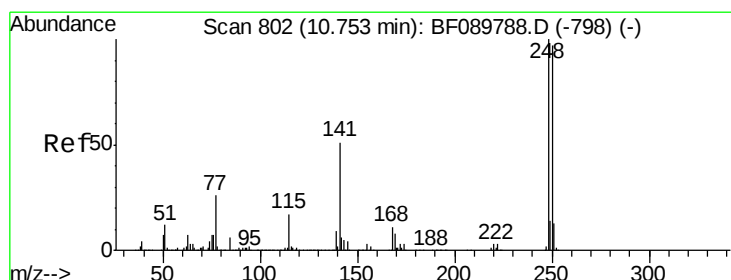
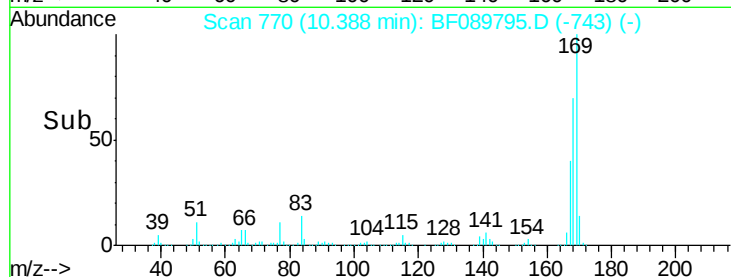
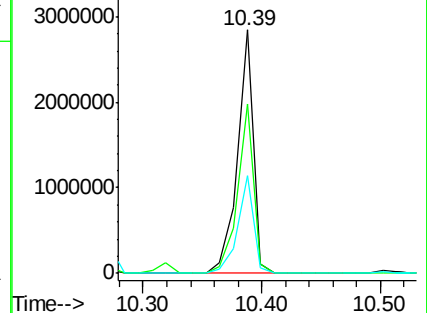
167 40.3 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.96 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

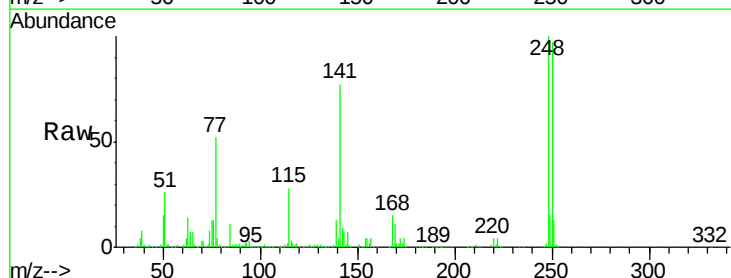
Tgt Ion:248 Resp: 849383

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

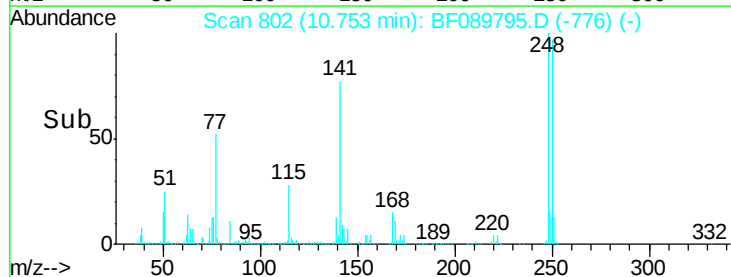
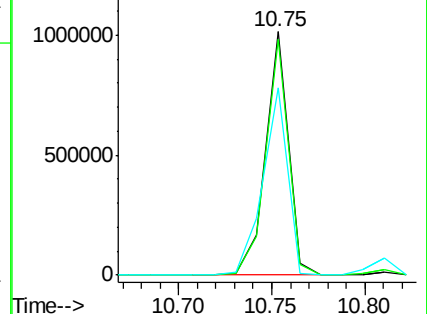
141 77.1 31.4 47.2#

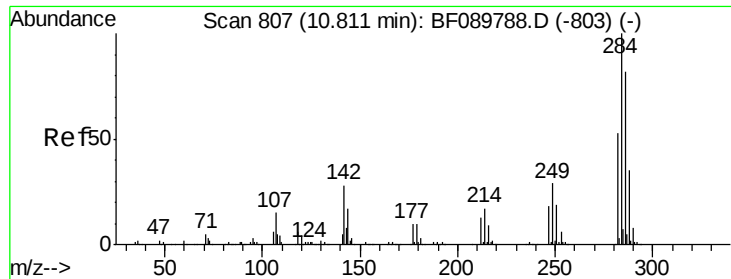


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.00 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

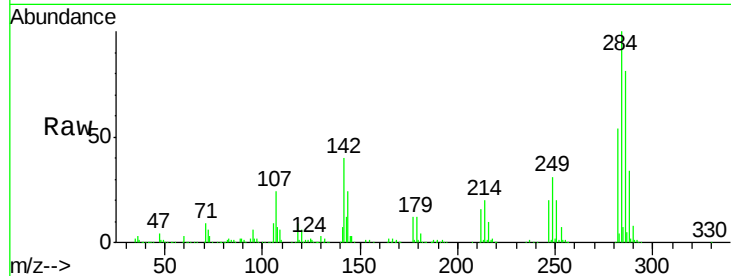
Tgt Ion:284 Resp: 887016

Ion Ratio Lower Upper

284 100

142 40.0 17.4 26.2#

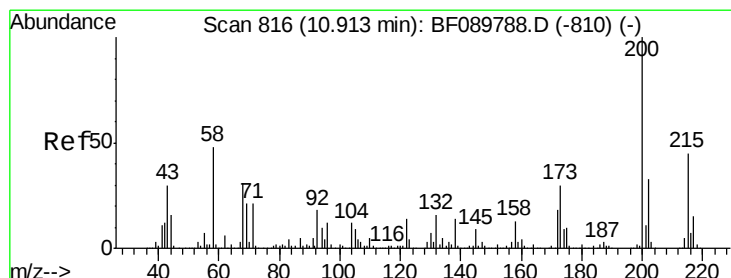
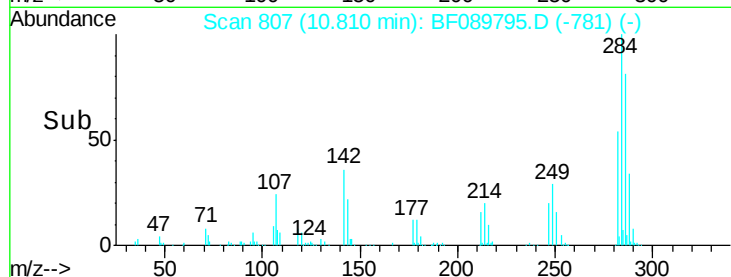
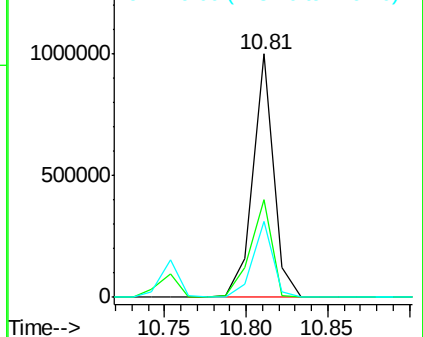
249 31.0 22.8 34.2



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: 27.28 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

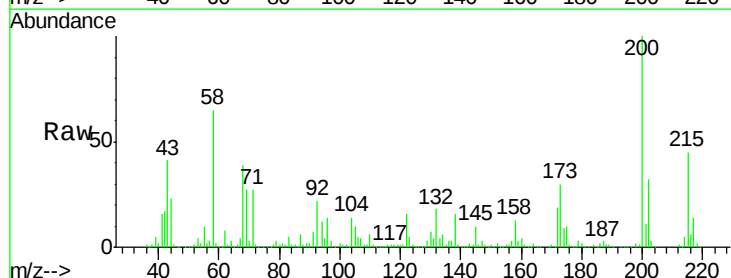
Tgt Ion:200 Resp: 608834

Ion Ratio Lower Upper

200 100

173 30.5 6.6 46.6

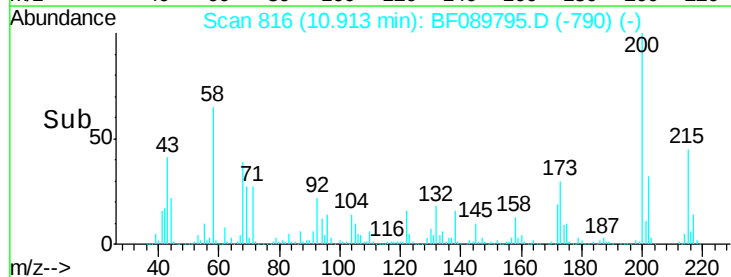
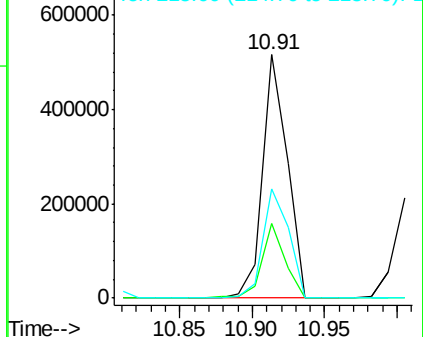
215 44.7 24.7 64.7

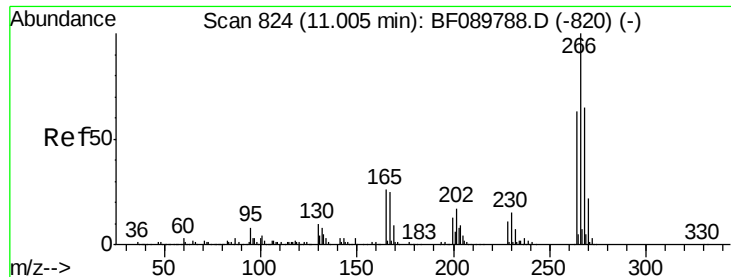


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

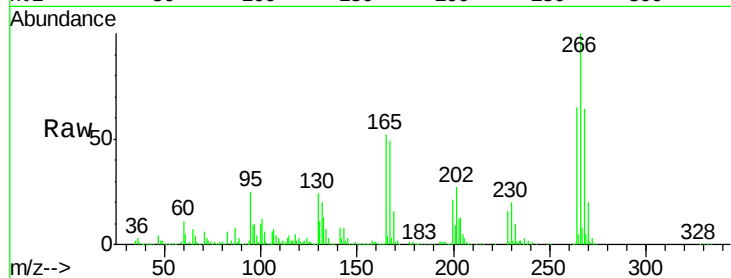




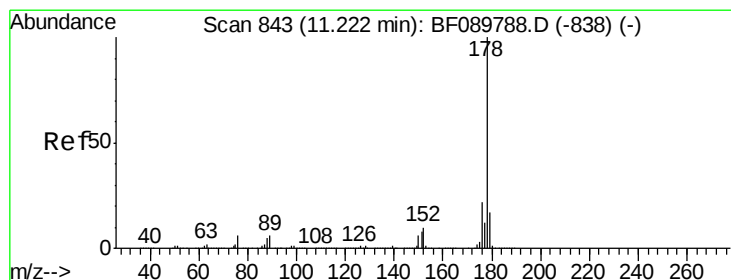
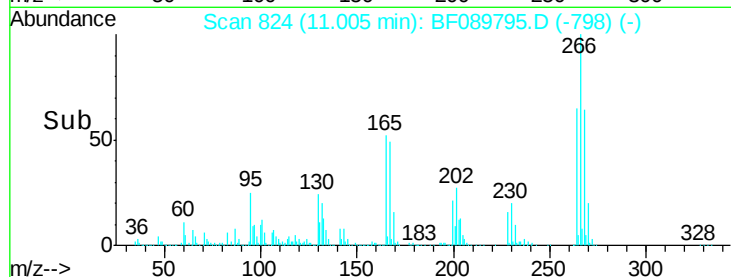
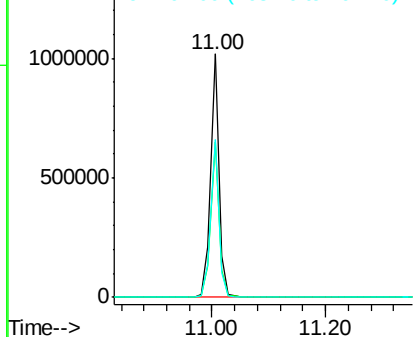
#69
 Pentachlorophenol
 Concen: 63.86 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:266 Resp: 1003225
 Ion Ratio Lower Upper
 266 100
 268 63.7 53.2 79.8
 264 64.9 51.1 76.7

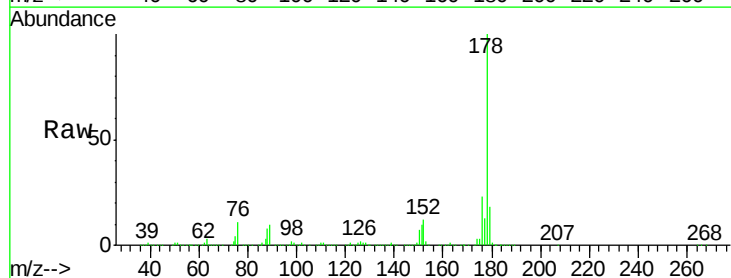


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

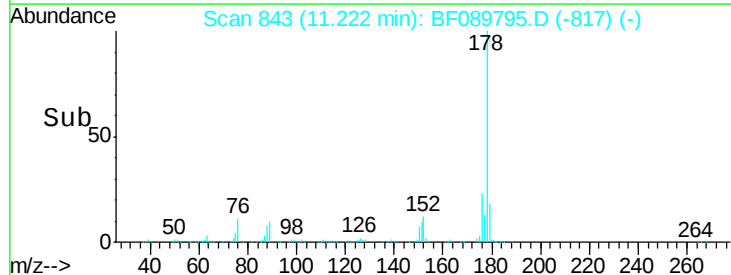
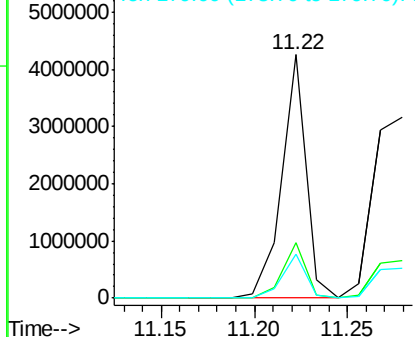


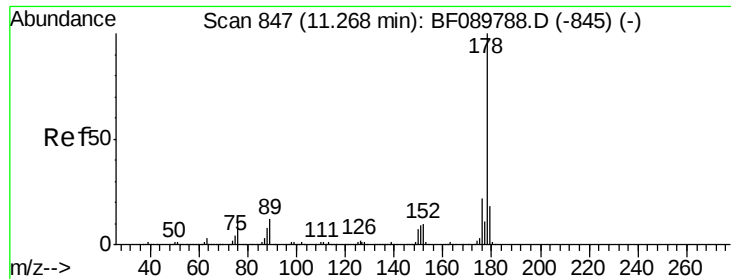
#70
 Phenanthrene
 Concen: 33.12 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:178 Resp: 3876873
 Ion Ratio Lower Upper
 178 100
 176 23.0 16.4 24.6
 179 17.9 12.5 18.7



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

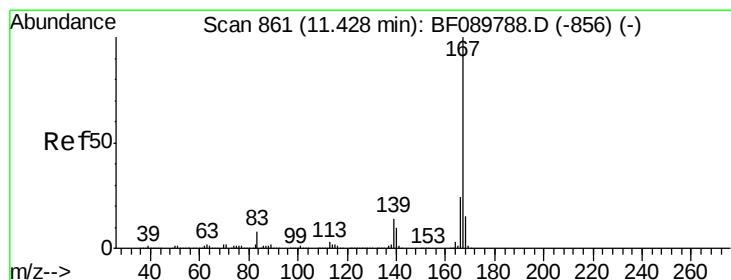
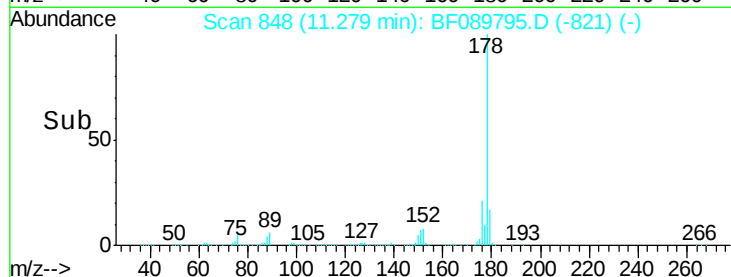
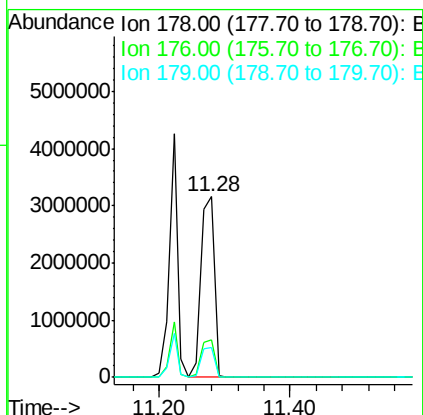
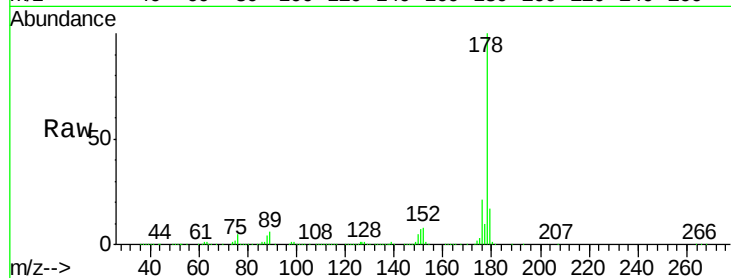




#71
 Anthracene
 Concen: 36.79 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

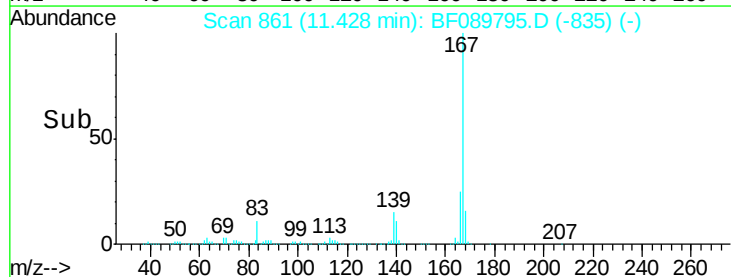
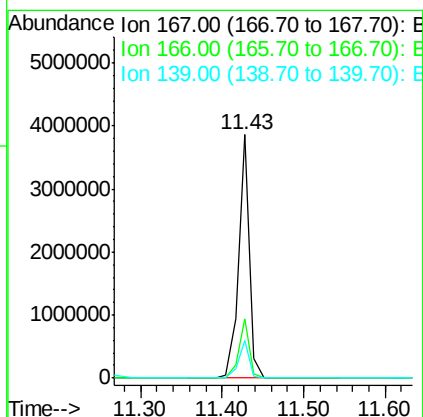
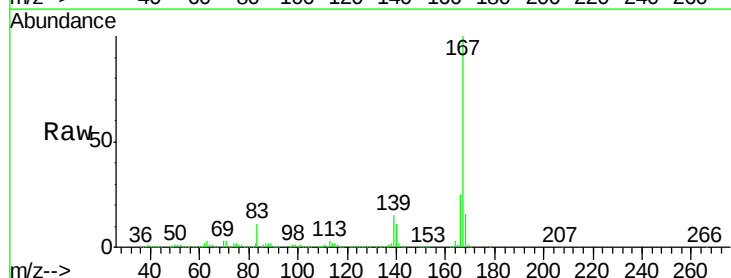
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

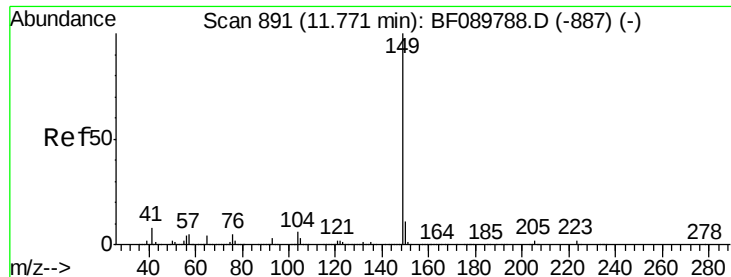
Tgt Ion:178 Resp: 4377011
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.4 24.6
 179 16.6 13.1 19.7



#72
 Carbazole
 Concen: 33.32 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:167 Resp: 3556035
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.9 26.9
 139 15.2 12.4 18.6





#73

Di-n-butylphthalate

Concen: 36.96 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

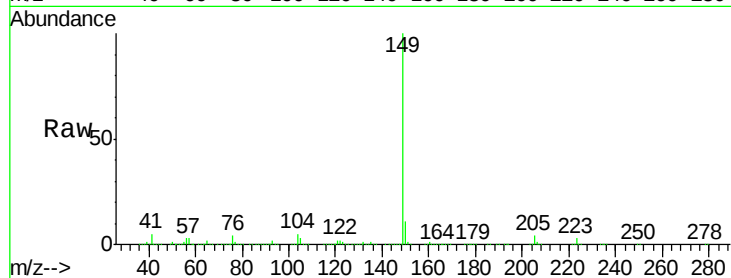
Tgt Ion:149 Resp: 4934753

Ion Ratio Lower Upper

149 100

150 10.9 7.9 11.9

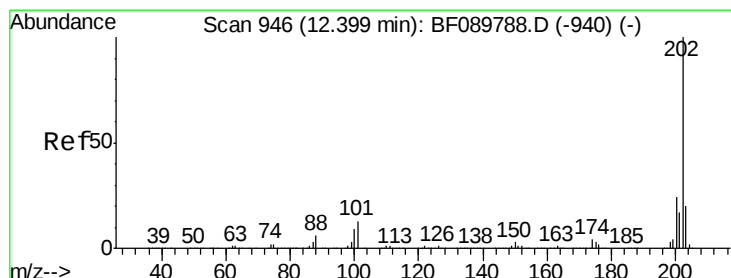
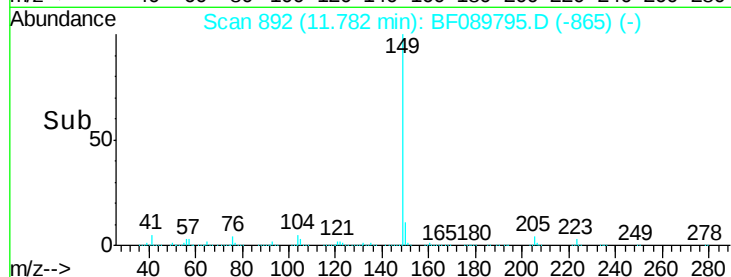
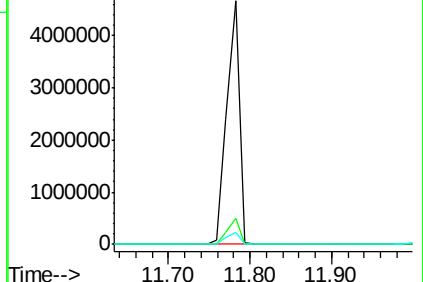
104 4.7 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.23 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

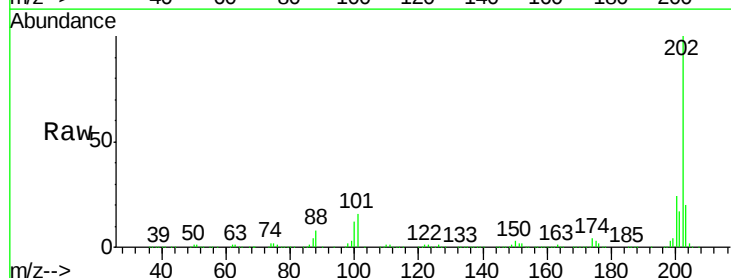
Tgt Ion:202 Resp: 3588049

Ion Ratio Lower Upper

202 100

101 16.2 0.0 31.2

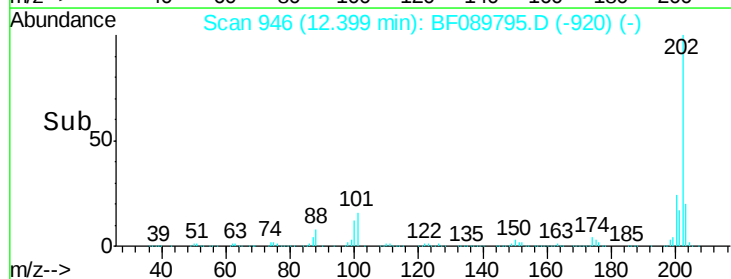
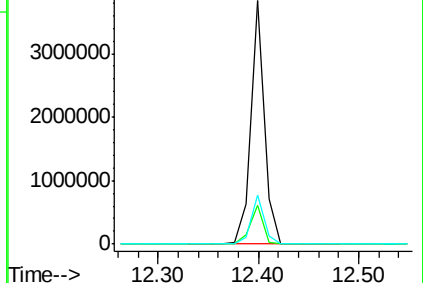
203 20.1 0.0 38.1

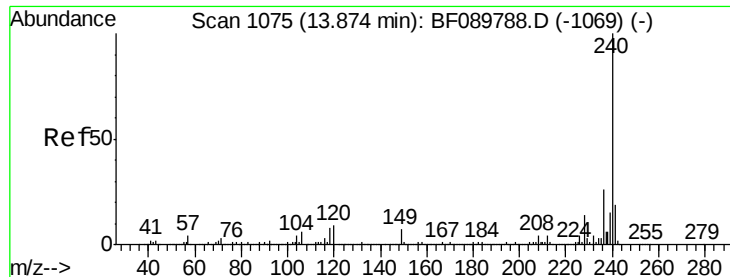


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

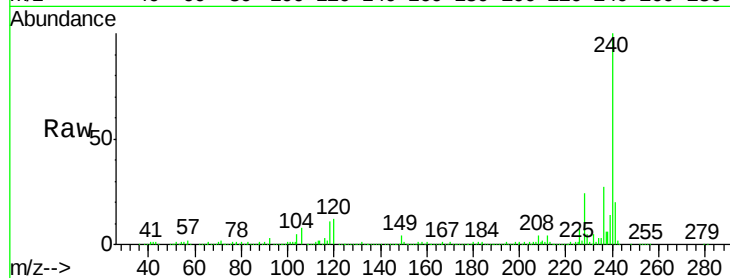
BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:240 Resp: 1436551

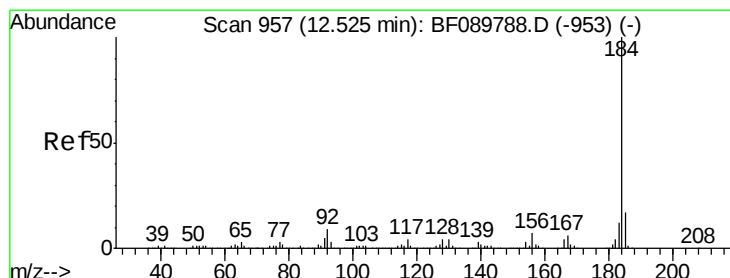
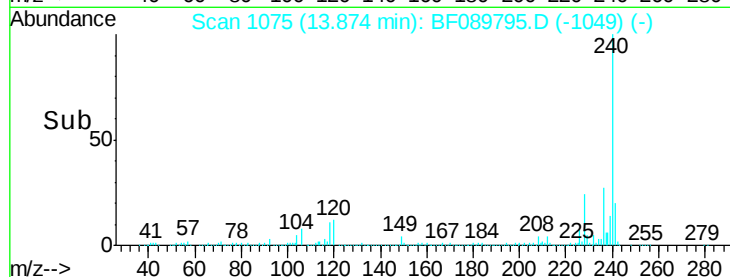
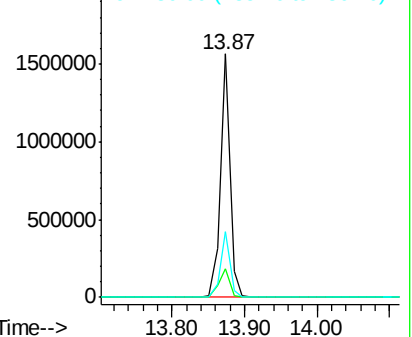
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.7	21.3	31.9



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: 27.45 ng

RT: 12.52 min Scan# 957

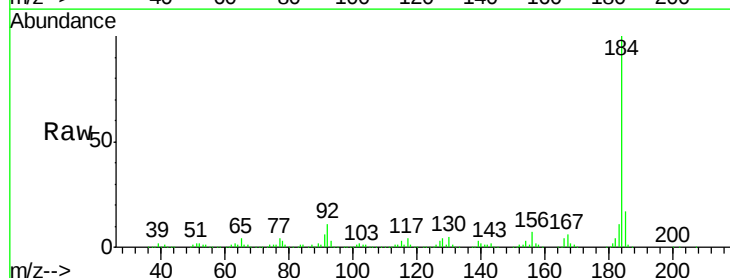
Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Tgt Ion:184 Resp: 1276182

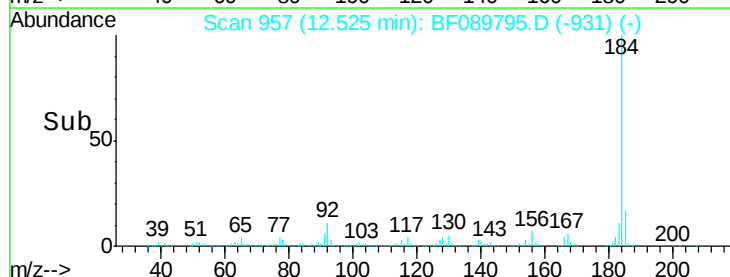
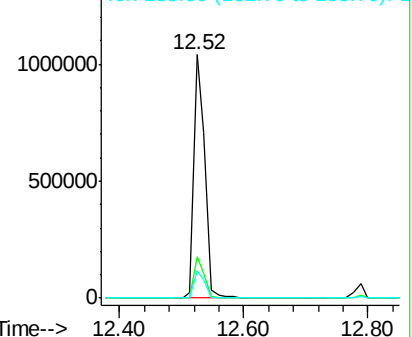
Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.8	20.8
183	11.3	9.7	14.5

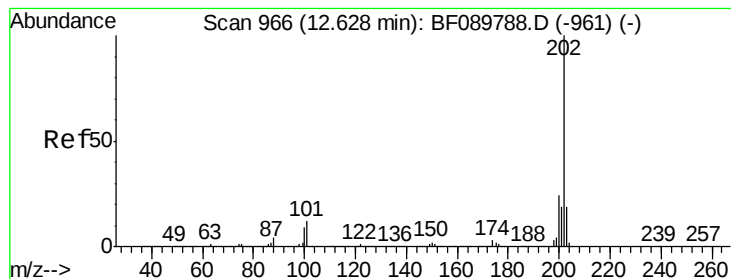


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.17 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

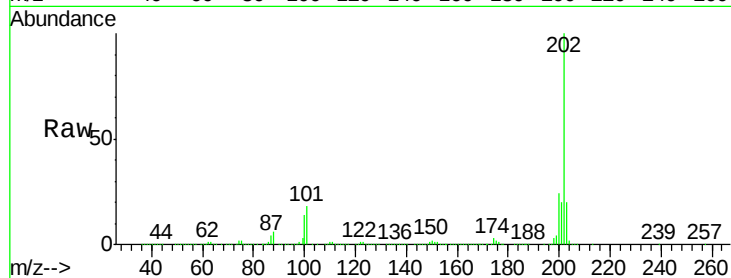
Tgt Ion:202 Resp: 3645818

Ion Ratio Lower Upper

202 100

200 24.3 17.8 26.6

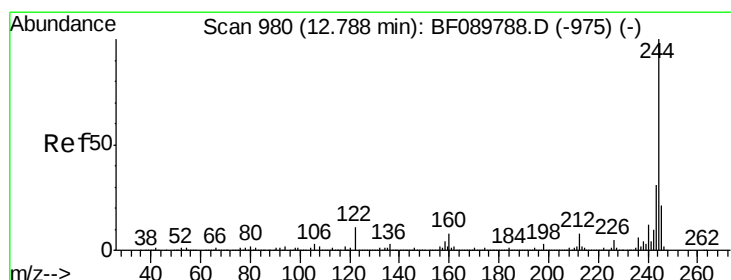
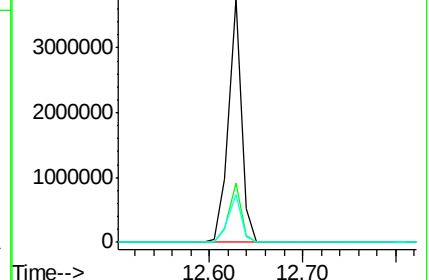
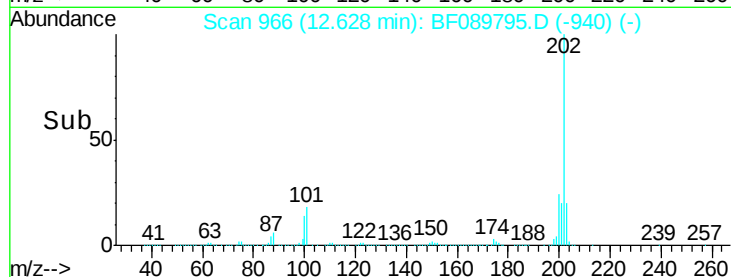
203 19.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.23 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

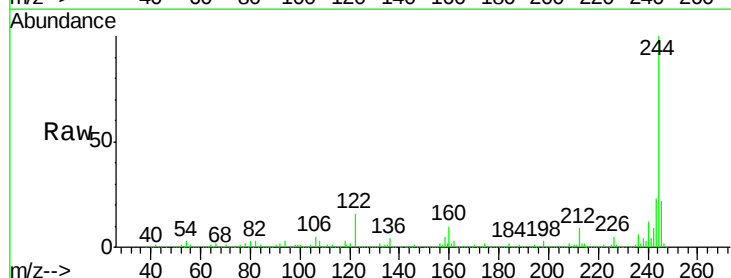
Tgt Ion:244 Resp: 3887957

Ion Ratio Lower Upper

244 100

212 8.8 6.3 9.5

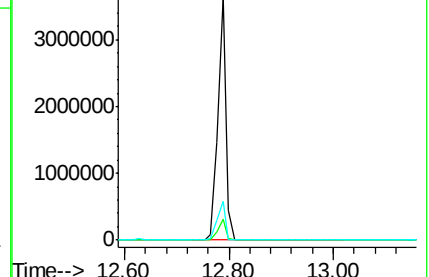
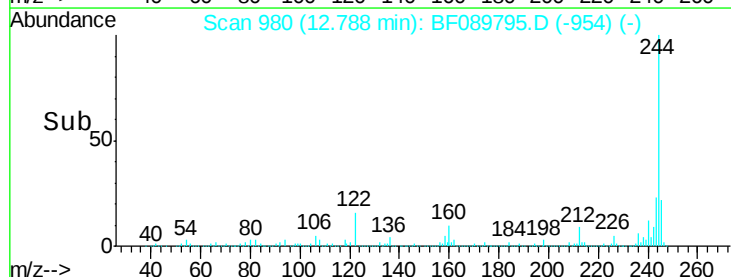
122 15.9 12.0 18.0

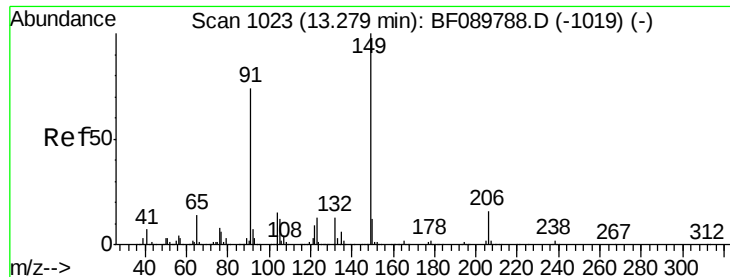


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

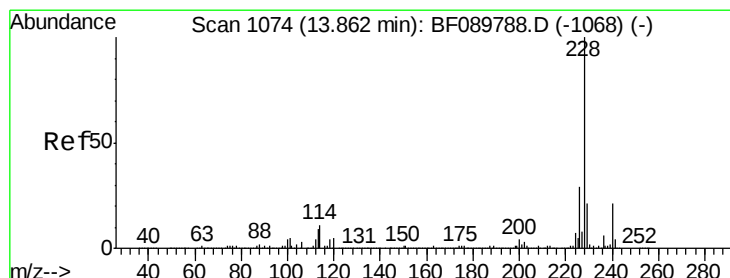
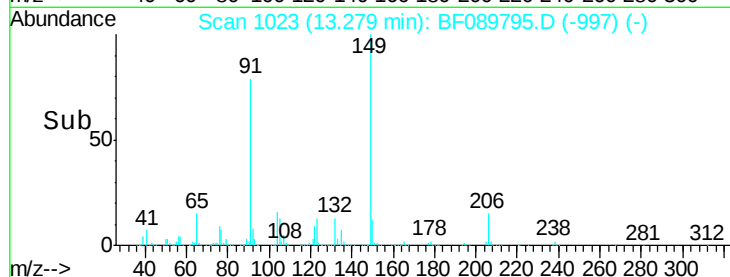
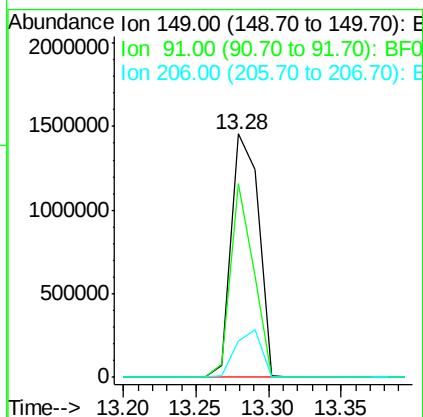
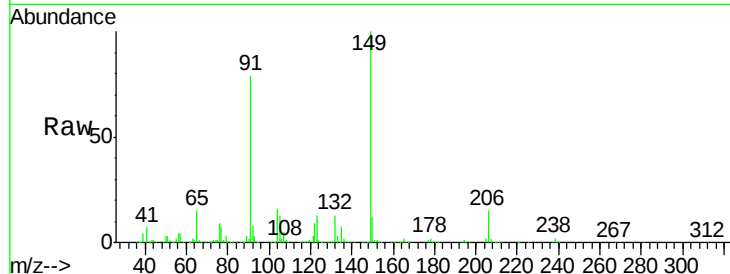




#79
Butylbenzylphthalate
Concen: 36.16 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

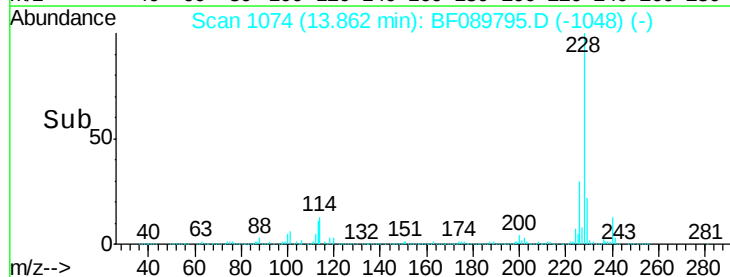
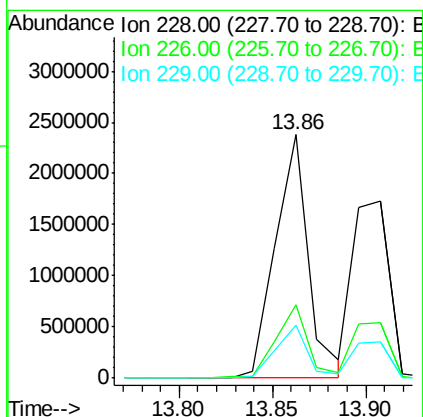
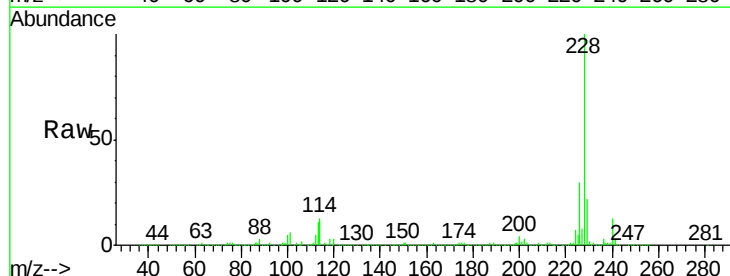
Instrument :
BNA_F
ClientSampleId :
PB92811BS

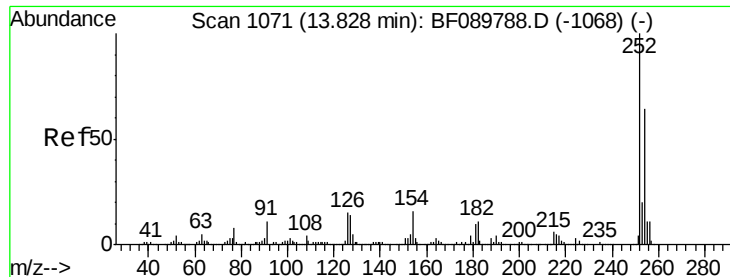
Tgt Ion:149 Resp: 1910383
Ion Ratio Lower Upper
149 100
91 79.3 50.7 76.1#
206 14.9 15.5 23.3#



#80
Benzo(a)anthracene
Concen: 35.68 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:228 Resp: 2935700
Ion Ratio Lower Upper
228 100
226 29.9 23.2 34.8
229 21.5 16.2 24.4

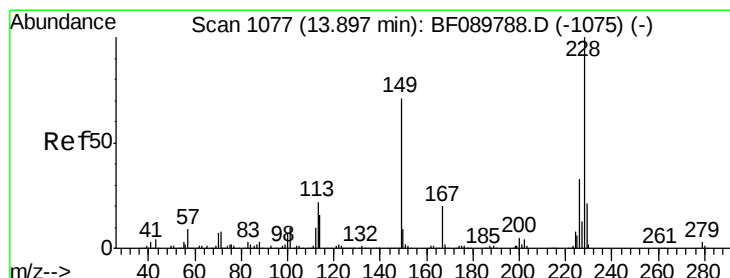
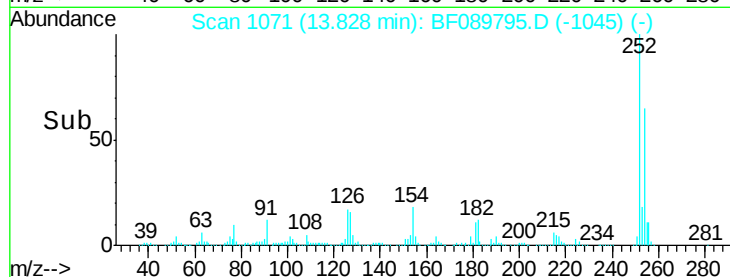
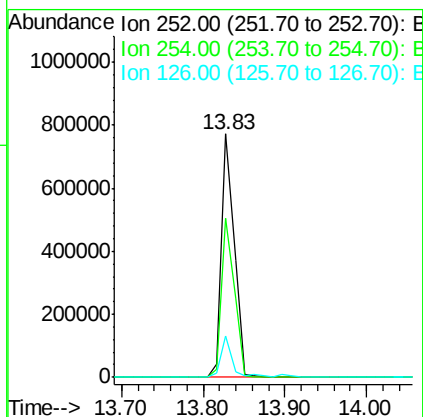
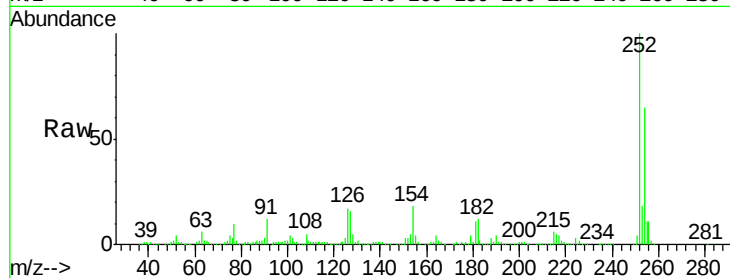




#81
 3,3'-Dichlorobenzidine
 Concen: 30.82 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

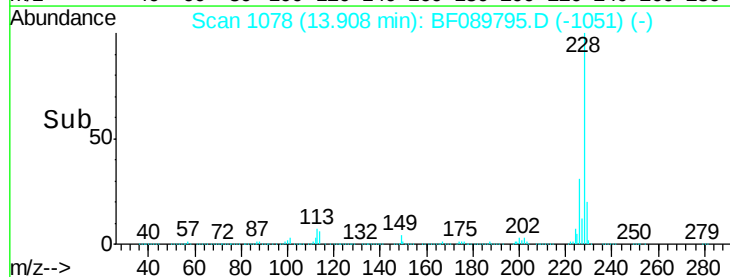
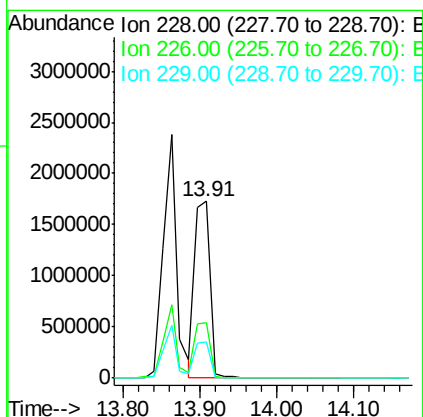
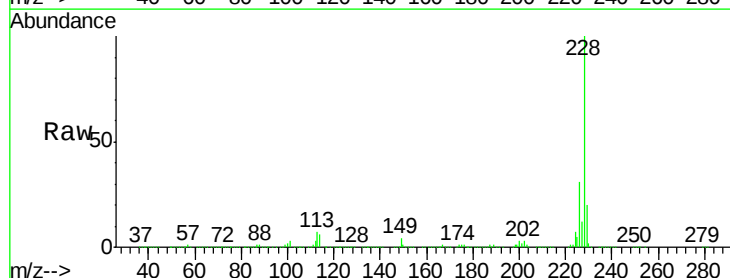
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

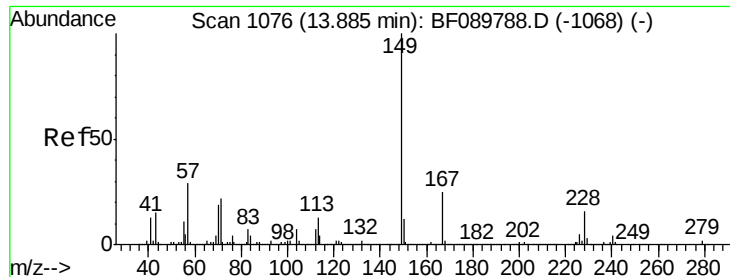
Tgt Ion:252 Resp: 831361
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.6 75.8
 126 17.1 12.6 18.8



#82
 Chrysene
 Concen: 34.00 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:228 Resp: 2398331
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.3 16.5 24.7

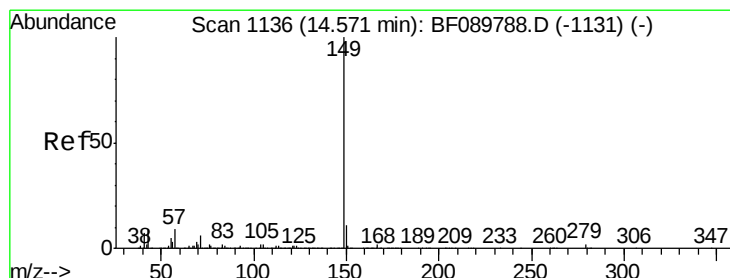
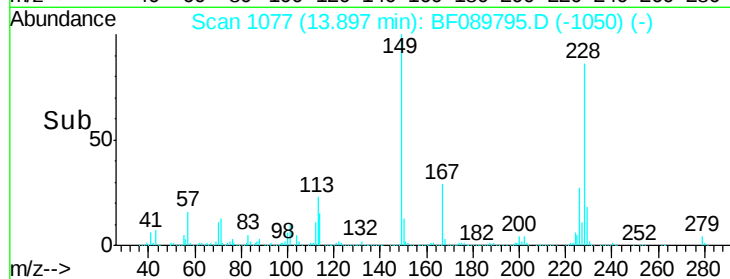
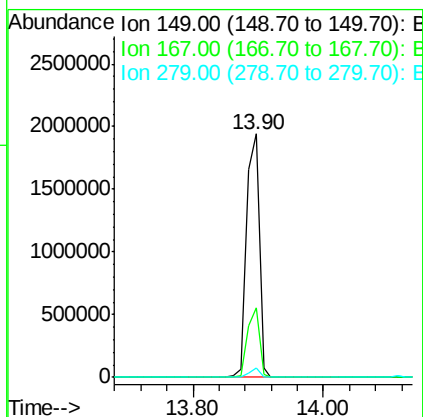
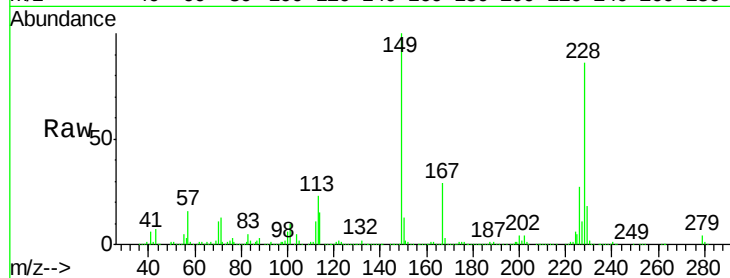




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.55 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

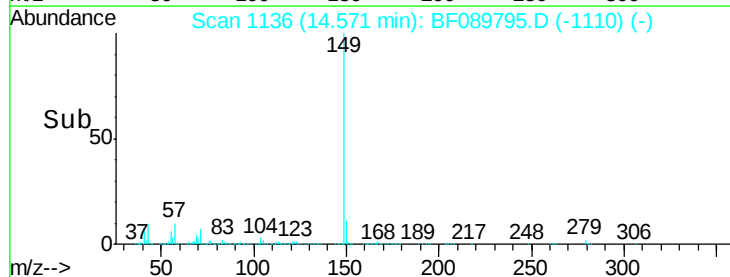
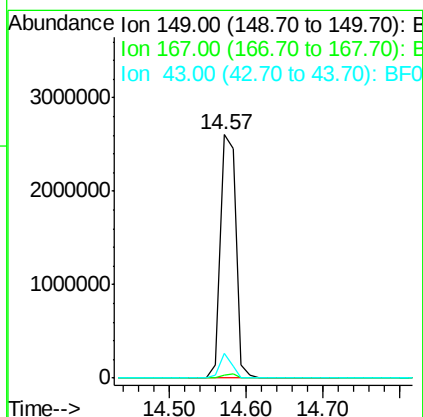
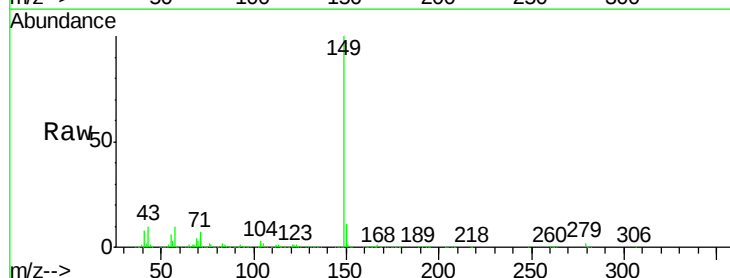
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

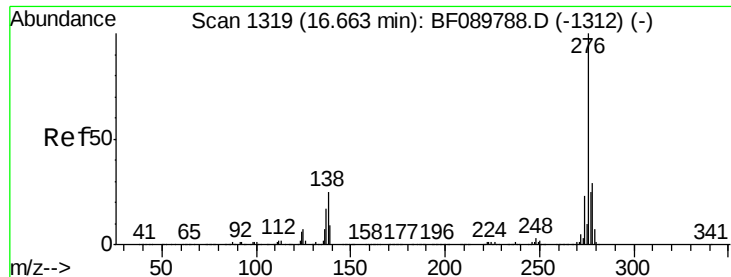
Tgt Ion:149 Resp: 2587080
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.2 31.8
 279 4.0 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 38.25 ng
 RT: 14.57 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:149 Resp: 3699057
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.3 8.4 12.6#

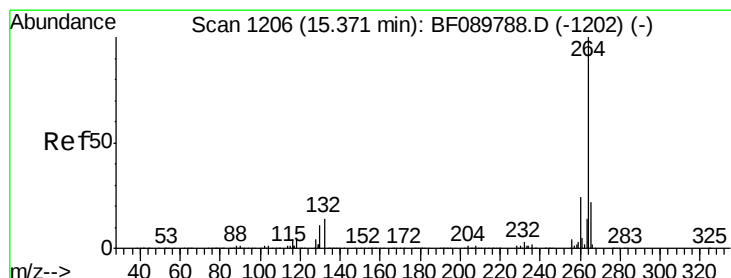
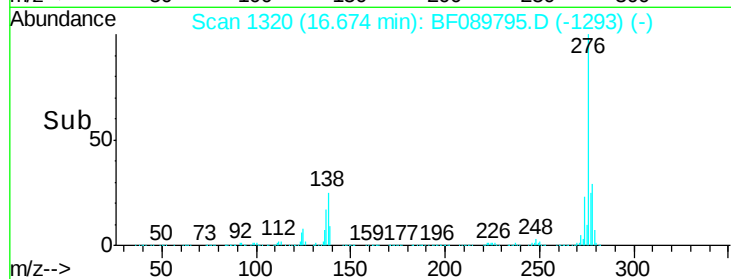
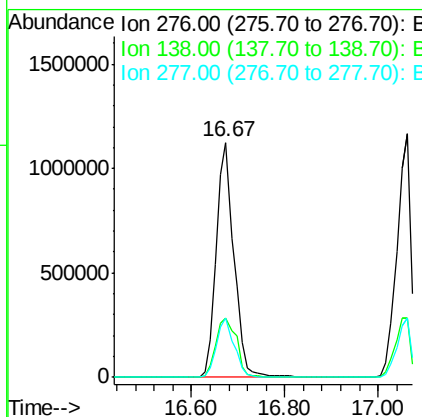
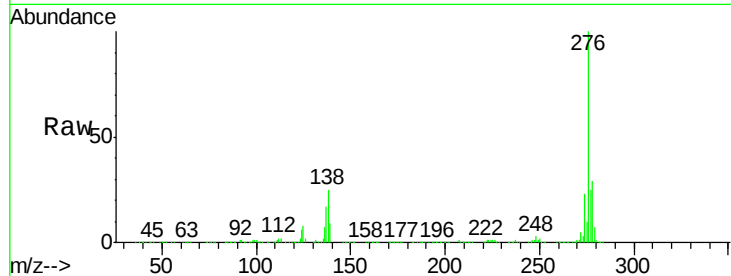




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.65 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

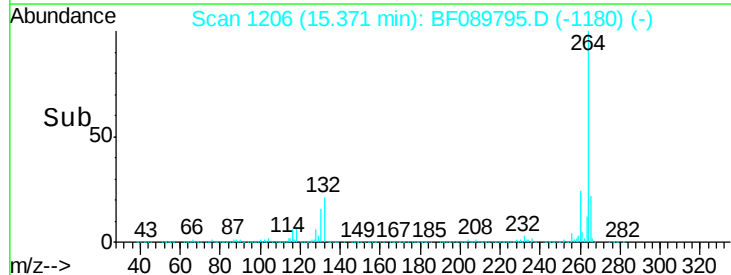
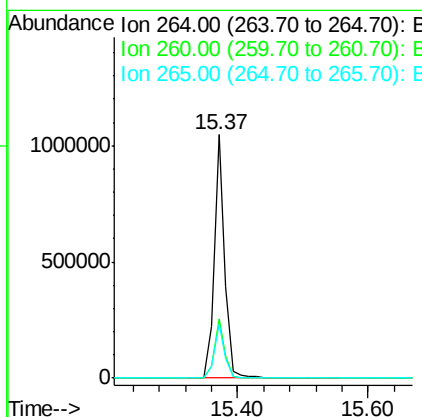
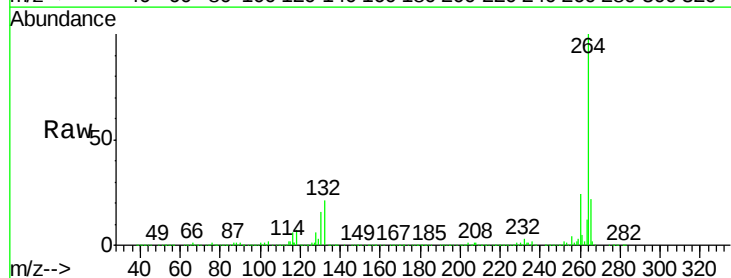
Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

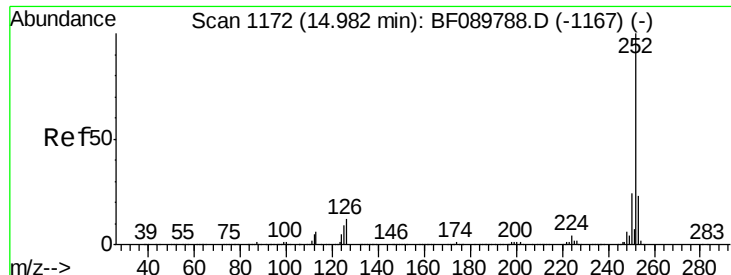
Tgt Ion:276 Resp: 2938053
 Ion Ratio Lower Upper
 276 100
 138 29.9 24.6 36.8
 277 25.6 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:264 Resp: 1189462
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.2 30.2
 265 22.4 17.4 26.2

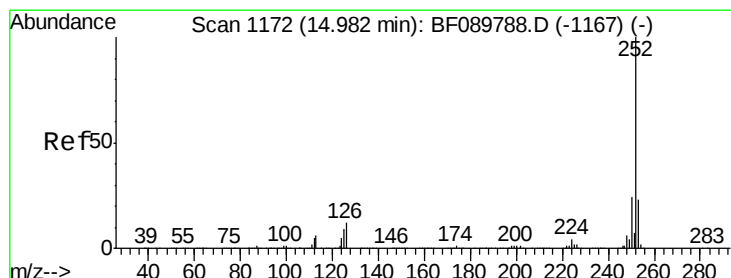
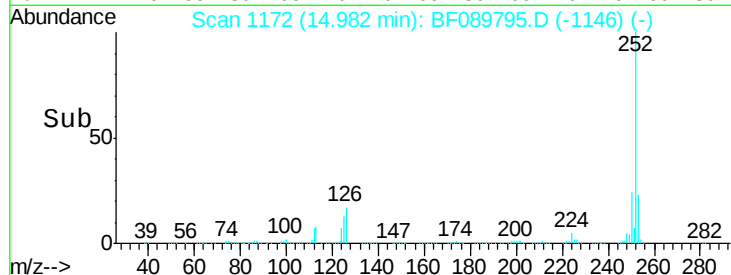
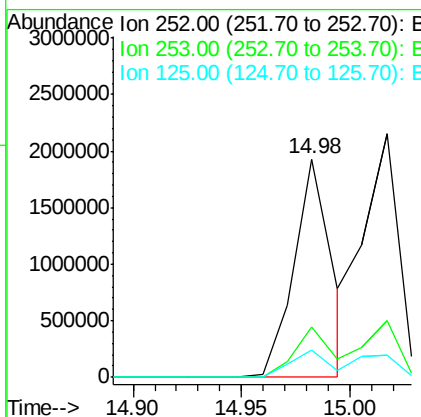
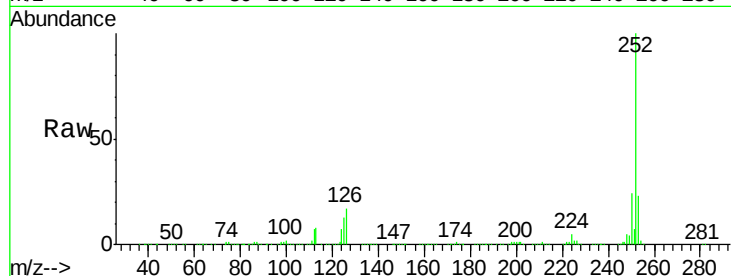




#87
Benzo(b)fluoranthene
Concen: 35.45 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

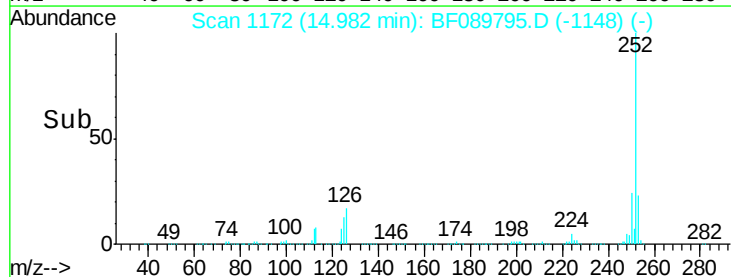
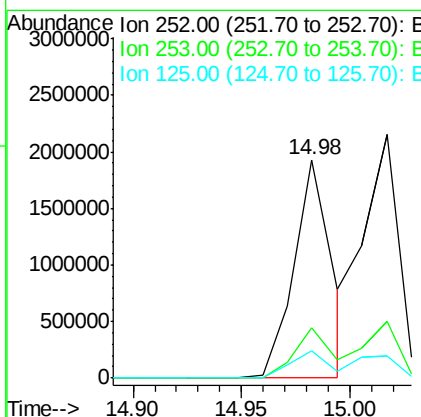
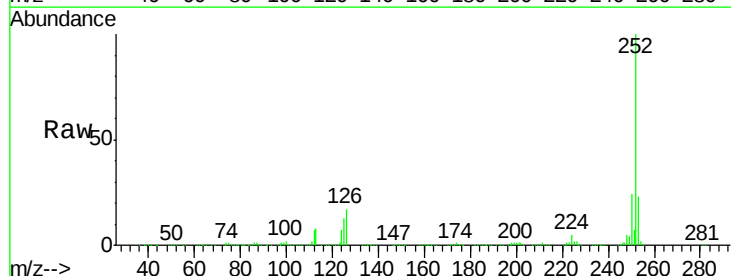
Instrument :
BNA_F
ClientSampleId :
PB92811BS

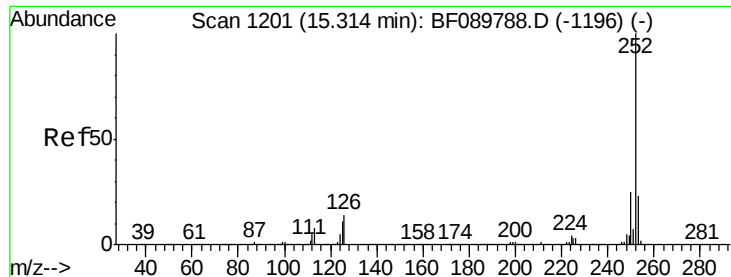
Tgt Ion:252 Resp: 2319636
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.8 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 39.07 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:252 Resp: 2319636
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 12.8 9.8 14.6

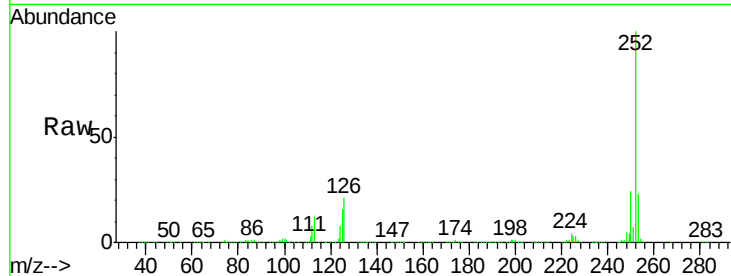




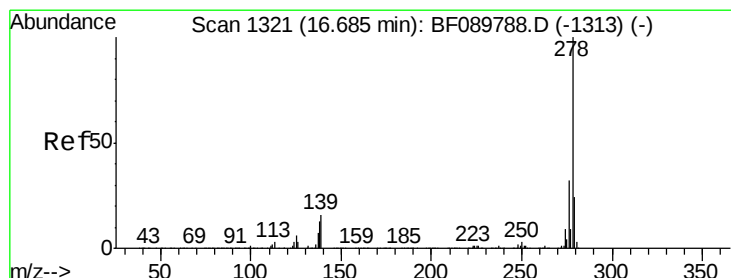
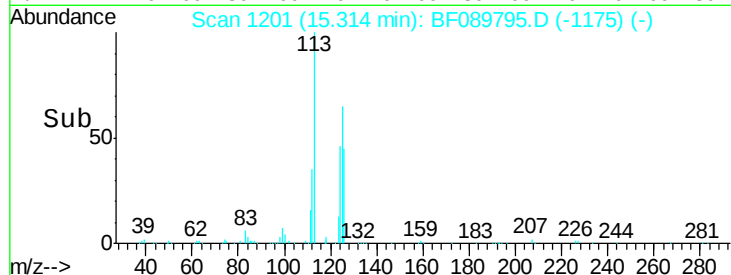
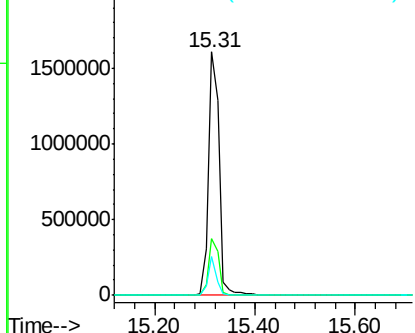
#89
Benzo(a)pyrene
Concen: 37.68 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion:252 Resp: 2334016
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 15.8 11.7 17.5

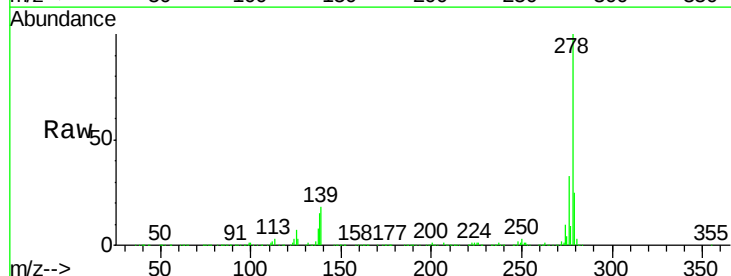


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

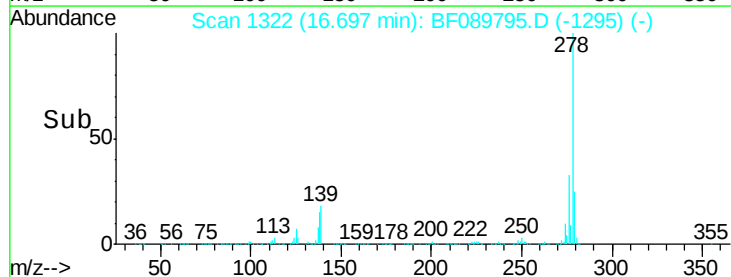
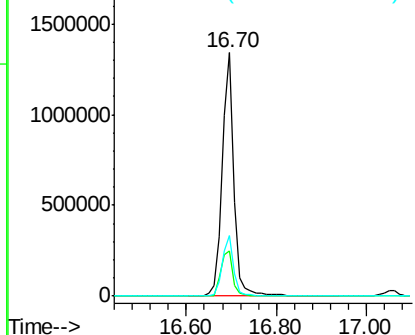


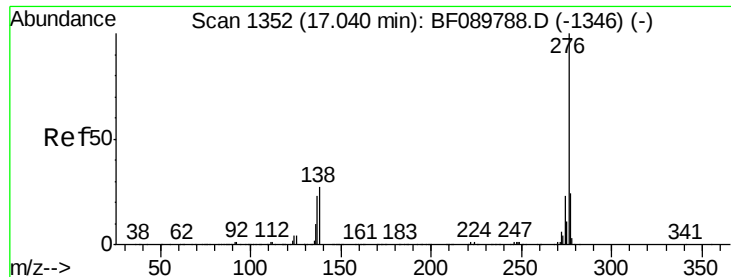
#90
Dibenzo(a,h)anthracene
Concen: 36.19 ng
RT: 16.70 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:278 Resp: 2432651
Ion Ratio Lower Upper
278 100
139 18.5 14.9 22.3
279 25.0 19.2 28.8



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: 35.79 ng

RT: 17.06 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

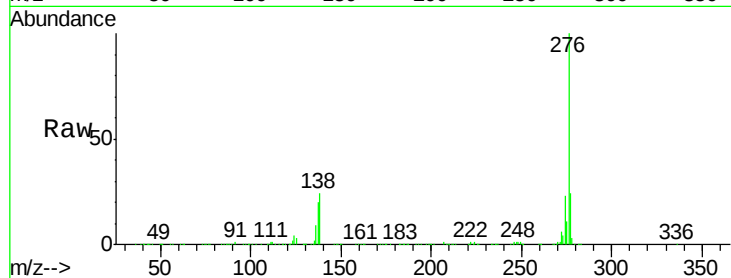
Tgt Ion:276 Resp: 2533706

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 24.1 22.1 33.1



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

