

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089703.D
 Acq On : 10 Aug 2016 19:07
 Operator : UM/SJ
 Sample : PB92806BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Quant Time: Aug 11 01:08:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	54354	20.00	ng	-0.05
21) Naphthalene-d8	9.43	136	233798	20.00	ng	-0.05
38) Acenaphthene-d10	12.25	164	111854	20.00	ng	-0.05
63) Phenanthrene-d10	14.65	188	211747	20.00	ng	-0.05
75) Chrysene-d12	18.37	240	166109	20.00	ng	-0.02
86) Perylene-d12	20.02	264	138373	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	386327	119.13	ng	0.00
7) Phenol-d6	6.97	99	517178	117.56	ng	-0.01
23) Nitrobenzene-d5	8.32	82	317332	75.07	ng	-0.05
41) 2,4,6-Tribromophenol	13.55	330	106057	114.90	ng	-0.03
44) 2-Fluorobiphenyl	11.21	172	612158	71.13	ng	-0.05
78) Terphenyl-d14	17.02	244	544963	64.77	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	48488	26.08	ng	# 70
3) Pyridine	2.35	79	130389	38.17	ng	98
4) n-Nitrosodimethylamine	2.33	42	54022	37.67	ng	99
6) Aniline	6.90	93	85655	15.03	ng	99
8) 2-Chlorophenol	7.08	128	157597	39.58	ng	98
9) Benzaldehyde	6.71	77	38310	24.00	ng	93
10) Phenol	6.98	94	186745	41.35	ng	98
11) bis(2-Chloroethyl)ether	7.05	93	147876	38.11	ng	99
12) 1,3-Dichlorobenzene	7.30	146	152381	35.24	ng	98
13) 1,4-Dichlorobenzene	7.43	146	153044	35.49	ng	99
14) 1,2-Dichlorobenzene	7.66	146	153464	33.76	ng	99
15) Benzyl Alcohol	7.70	79	121761	42.21	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.91	45	171064	34.62	ng	# 53
17) 2-Methylphenol	7.93	107	127807	44.45	ng	# 88
18) Hexachloroethane	8.18	117	61619	33.90	ng	96
19) n-Nitroso-di-n-propylamine	8.14	70	118951	37.43	ng	99
20) 3+4-Methylphenols	8.19	107	155128	42.74	ng	95
22) Acetophenone	8.09	105	183834	32.98	ng	# 99
24) Nitrobenzene	8.35	77	156124	38.89	ng	93
25) Isophorone	8.74	82	303976	37.56	ng	99
26) 2-Nitrophenol	8.86	139	74799	40.60	ng	91
27) 2,4-Dimethylphenol	9.00	122	136919	41.33	ng	97
28) bis(2-Chloroethoxy)methane	9.13	93	188944	38.59	ng	98
29) 2,4-Dichlorophenol	9.28	162	121103	38.64	ng	97
30) 1,2,4-Trichlorobenzene	9.36	180	129491	36.17	ng	99
31) Naphthalene	9.46	128	447797	36.04	ng	99
32) Benzoic acid	9.34	122	48946	23.52	ng	98
33) 4-Chloroaniline	9.62	127	60539	12.97	ng	98
34) Hexachlorobutadiene	9.68	225	70481	34.19	ng	99
35) Caprolactam	10.24	113	22406	24.53	ng	99
36) 4-Chloro-3-methylphenol	10.49	107	145160	39.84	ng	99
37) 2-Methylnaphthalene	10.59	142	292509	38.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	111313	26.48	ng	98
40) Hexachlorocyclopentadiene	10.84	237	92568	65.48	ng	98

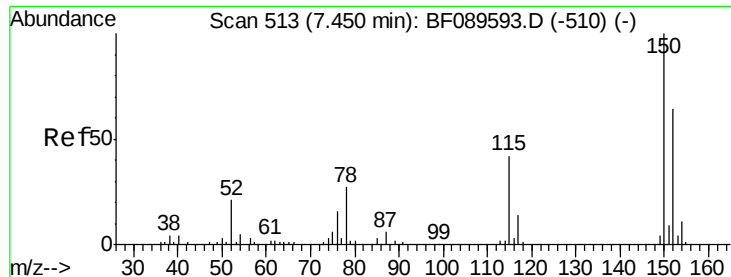
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089703.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	78683	37.95	ng	99
43) 2,4,5-Trichlorophenol	11.18	196	84307	38.04	ng	95
45) 1,1'-Biphenyl	11.36	154	316511	31.38	ng	99
46) 2-Chloronaphthalene	11.37	162	269493	35.63	ng	97
47) 2-Nitroaniline	11.59	65	88091	36.14	ng	98
48) Acenaphthylene	12.02	152	446672	35.85	ng	100
49) Dimethylphthalate	11.92	163	335770	38.30	ng	99
50) 2,6-Dinitrotoluene	12.01	165	71282	40.89	ng	92
51) Acenaphthene	12.31	154	261655	36.36	ng	99
52) 3-Nitroaniline	12.27	138	34341	16.47	ng	96
53) 2,4-Dinitrophenol	12.48	184	43474	62.31	ng	98
54) Dibenzofuran	12.59	168	396444	40.08	ng	97
55) 4-Nitrophenol	12.59	139	156198	Below Cal	#	23
56) 2,4-Dinitrotoluene	12.66	165	99251	40.48	ng	95
57) Fluorene	13.15	166	325140	38.45	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	69302	41.19	ng	96
59) Diethylphthalate	13.07	149	348416	38.43	ng	99
60) 4-Chlorophenyl-phenylether	13.18	204	143778	37.08	ng	94
61) 4-Nitroaniline	13.28	138	64778	34.56	ng	96
62) Azobenzene	13.44	77	377950	43.10	ng	98
64) 4,6-Dinitro-2-methylphenol	13.33	198	46034	36.92	ng	92
65) n-Nitrosodiphenylamine	13.39	169	274373	38.37	ng	99
66) 4-Bromophenyl-phenylether	13.97	248	82727	40.39	ng	95
67) Hexachlorobenzene	14.03	284	82282	36.52	ng	# 83
68) Atrazine	14.32	200	87476	43.81	ng	98
69) Pentachlorophenol	14.39	266	52246	55.50	ng	96
70) Phenanthrene	14.69	178	452090	39.27	ng	99
71) Anthracene	14.78	178	482573	39.09	ng	100
72) Carbazole	15.07	167	424806	41.29	ng	100
73) Di-n-butylphthalate	15.66	149	540229	38.83	ng	98
74) Fluoranthene	16.46	202	464361	39.23	ng	100
76) Benzidine	16.70	184	136537	27.12	ng	99
77) Pyrene	16.77	202	475690	32.39	ng	99
79) Butylbenzylphthalate	17.69	149	228208	36.52	ng	88
80) Benzo(a)anthracene	18.34	228	385411	40.38	ng	100
81) 3,3'-Dichlorobenzidine	18.33	252	73466	24.43	ng	# 98
82) Chrysene	18.39	228	374594	37.41	ng	99
83) Bis(2-ethylhexyl)phthalate	18.45	149	335201	38.74	ng	# 97
84) Di-n-octyl phthalate	19.21	149	552651	44.38	ng	100
85) Indeno(1,2,3-cd)pyrene	21.20	276	293823	38.65	ng	100
87) Benzo(b)fluoranthene	19.62	252	345952	40.65	ng	99
88) Benzo(k)fluoranthene	19.62	252	345952	40.29	ng	# 95
89) Benzo(a)pyrene	19.97	252	306651	38.48	ng	100
90) Dibenzo(a,h)anthracene	21.20	278	244663	32.87	ng	96
91) Benzo(g,h,i)perylene	21.53	276	237343	31.15	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF089703.D

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PB92598BS

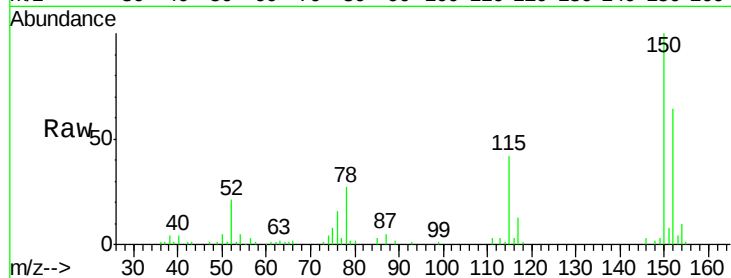
Tgt Ion:152 Resp: 54354

Ion Ratio Lower Upper

152 100

150 156.9 125.5 188.3

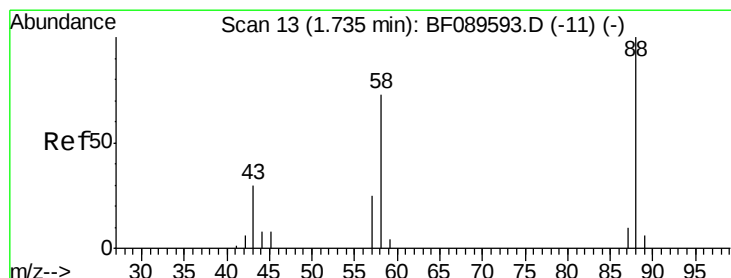
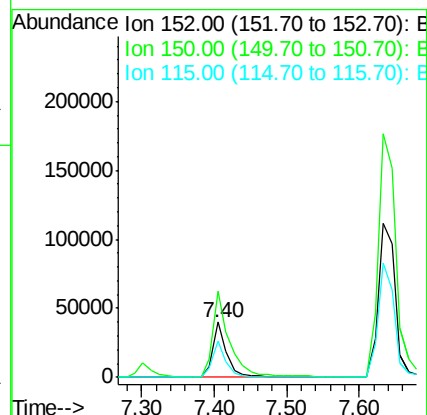
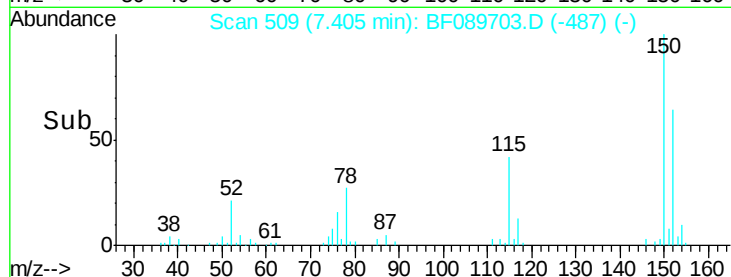
115 65.4 52.0 78.0



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: 26.08 ng

RT: 1.79 min Scan# 18

Delta R.T. 0.06 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

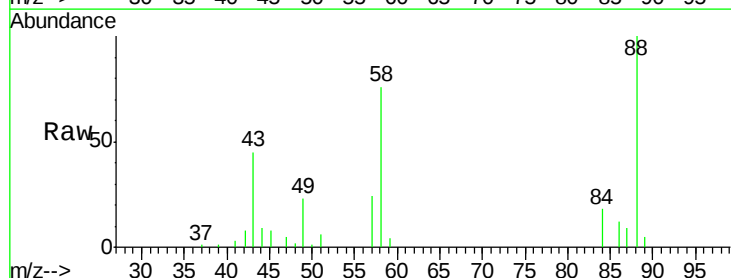
Tgt Ion: 88 Resp: 48488

Ion Ratio Lower Upper

88 100

58 76.3 49.8 74.8#

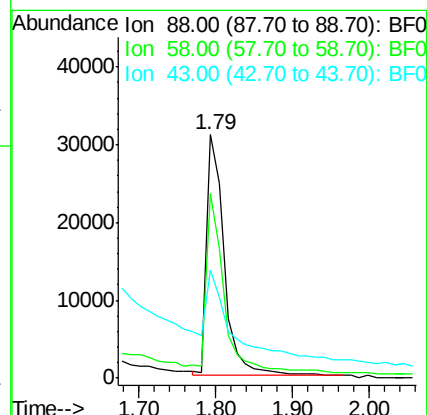
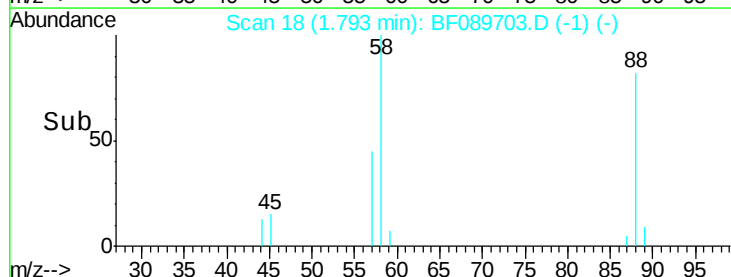
43 54.7 20.1 30.1#

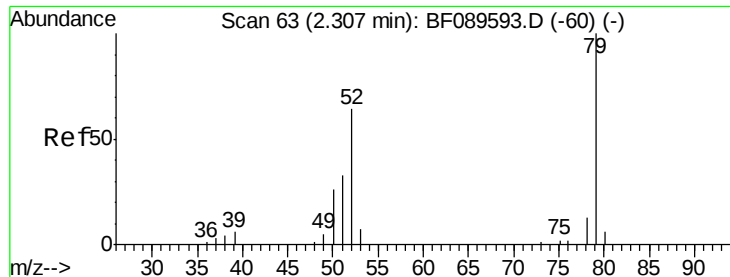


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.17 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

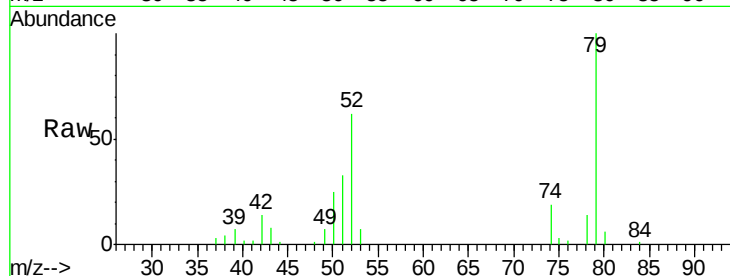
Tgt Ion: 79 Resp: 130389

Ion Ratio Lower Upper

79 100

52 62.5 51.0 76.4

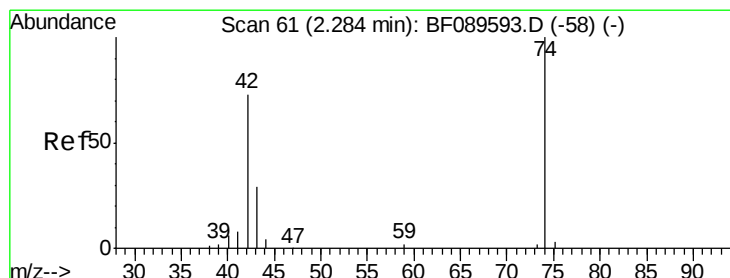
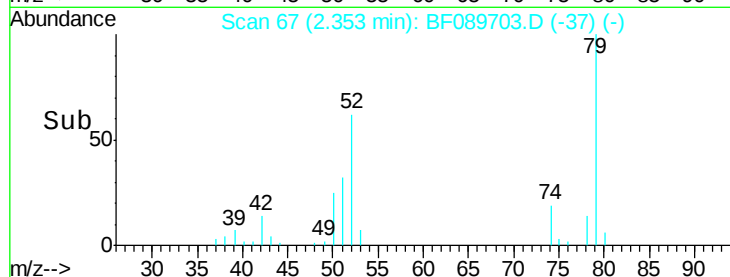
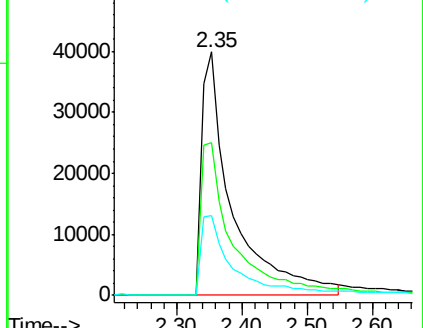
51 33.0 27.9 41.9



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: 37.67 ng

RT: 2.33 min Scan# 65

Delta R.T. 0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

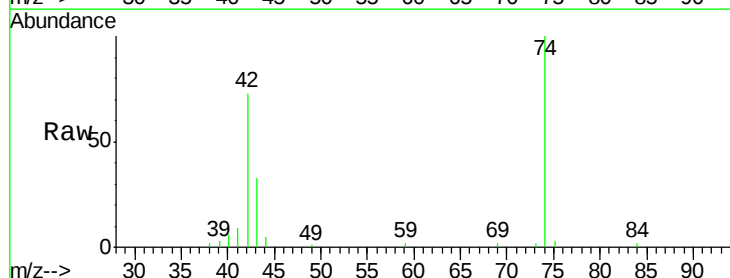
Tgt Ion: 42 Resp: 54022

Ion Ratio Lower Upper

42 100

74 136.9 110.0 165.0

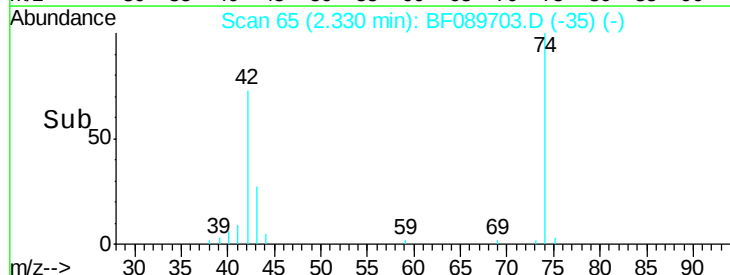
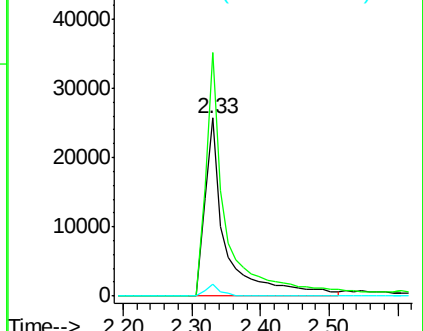
44 6.5 4.8 7.2

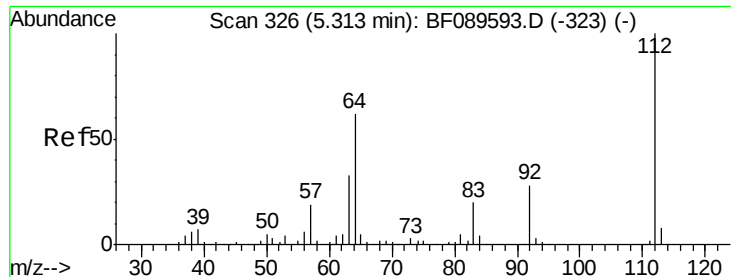


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.13 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

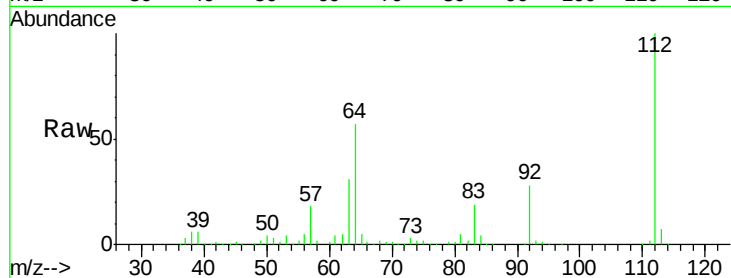
Tgt Ion: 112 Resp: 386327

Ion Ratio Lower Upper

112 100

64 57.5 49.9 74.9

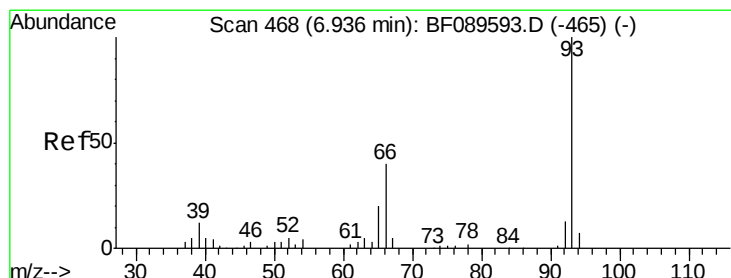
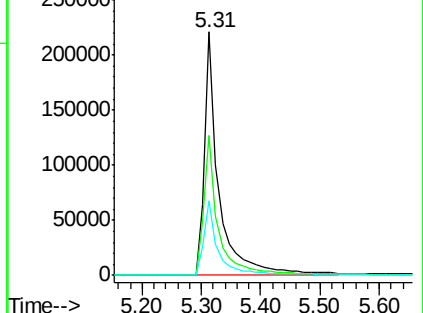
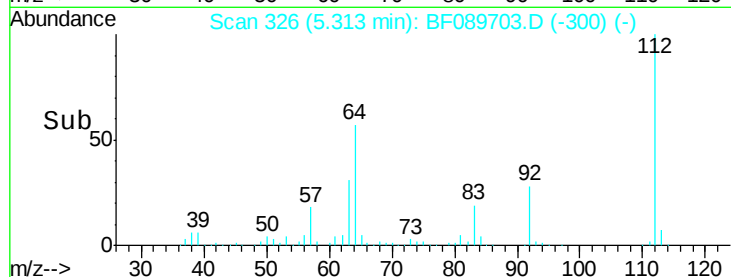
63 30.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.03 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

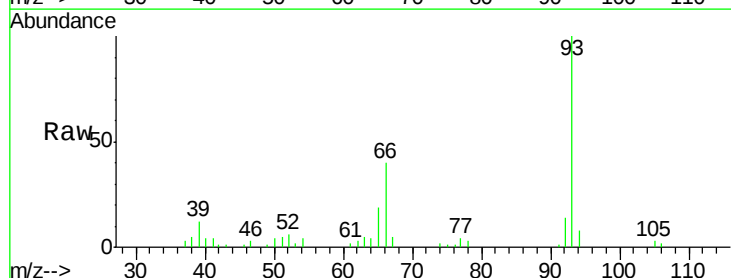
Tgt Ion: 93 Resp: 85655

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

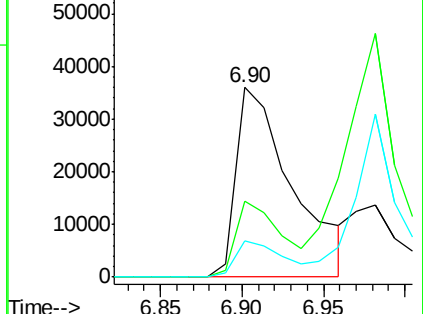
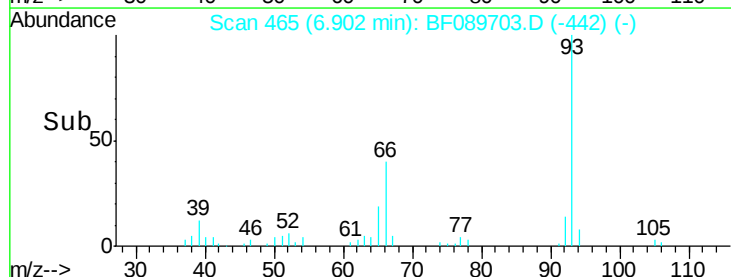
65 19.2 15.8 23.8

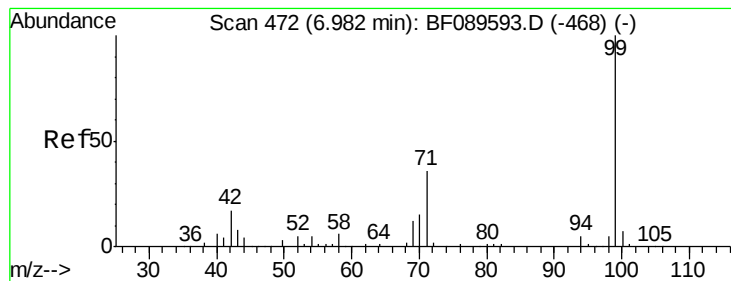


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.56 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

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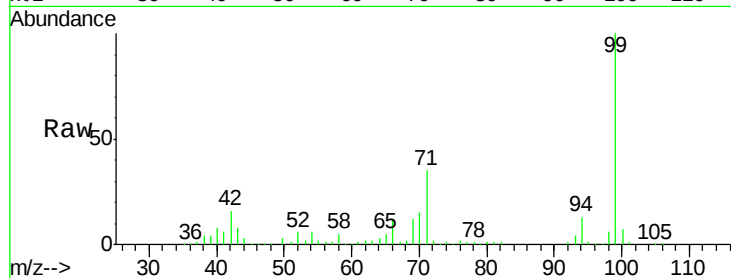
Tgt Ion: 99 Resp: 517178

Ion Ratio Lower Upper

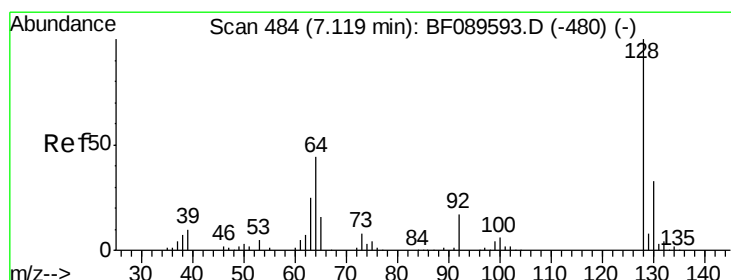
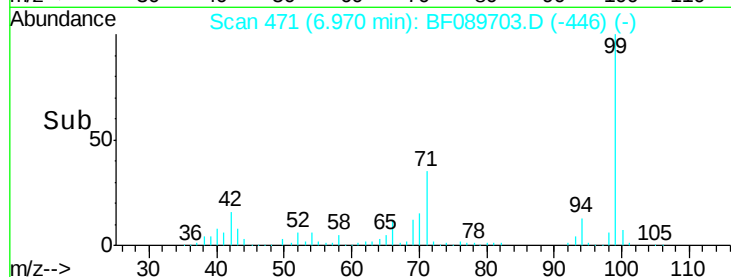
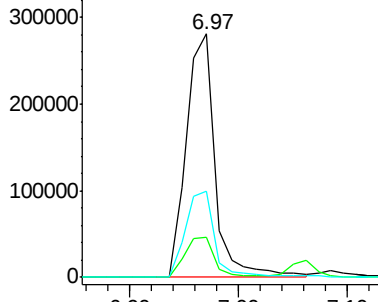
99 100

42 16.3 13.7 20.5

71 35.3 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.58 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

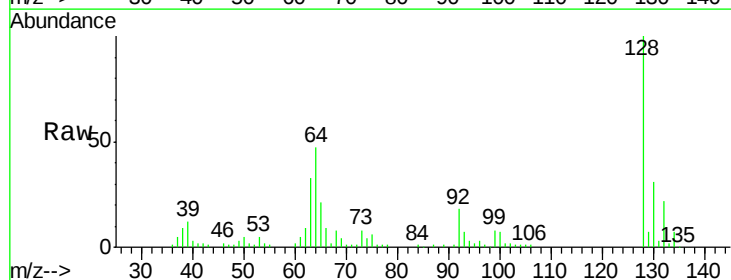
Tgt Ion: 128 Resp: 157597

Ion Ratio Lower Upper

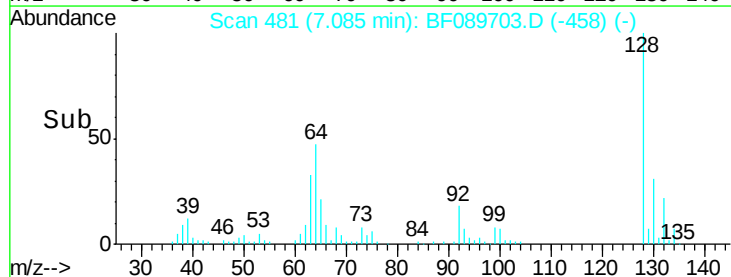
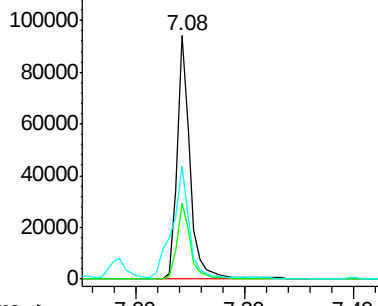
128 100

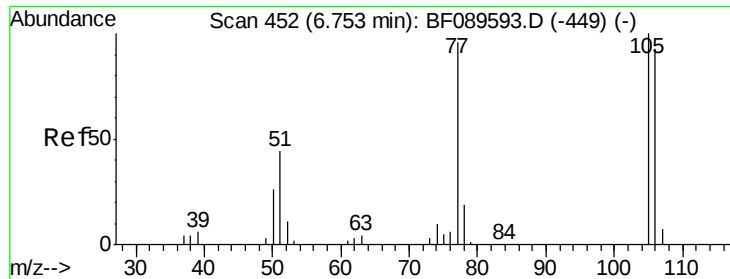
130 31.4 12.6 52.6

64 46.6 25.3 65.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

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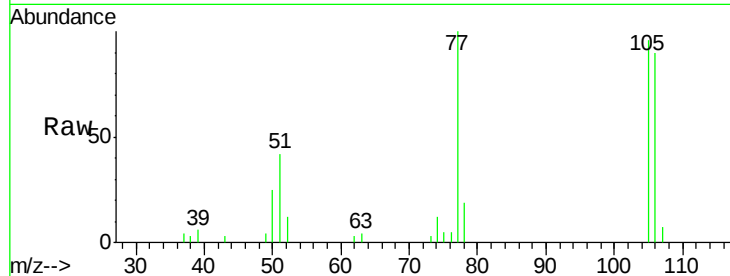
Tgt Ion: 77 Resp: 38310

Ion Ratio Lower Upper

77 100

105 96.4 84.7 124.7

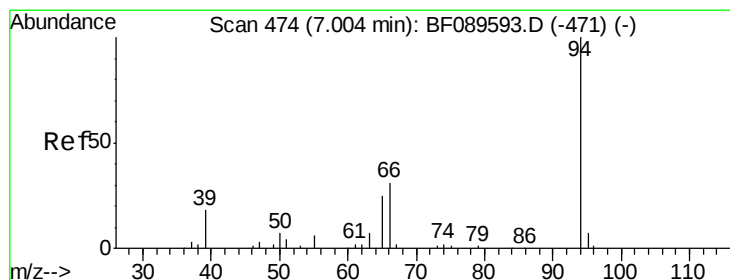
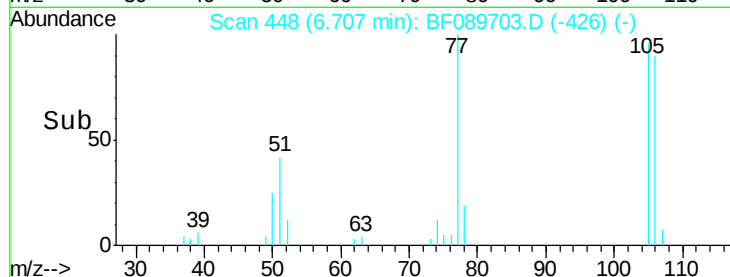
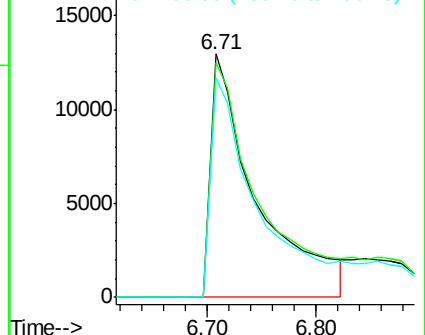
106 90.3 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.35 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

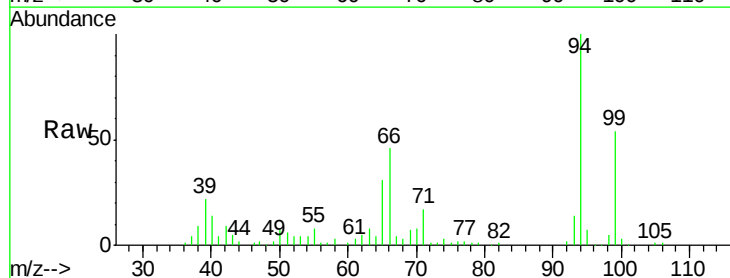
Tgt Ion: 94 Resp: 186745

Ion Ratio Lower Upper

94 100

65 30.8 11.0 51.0

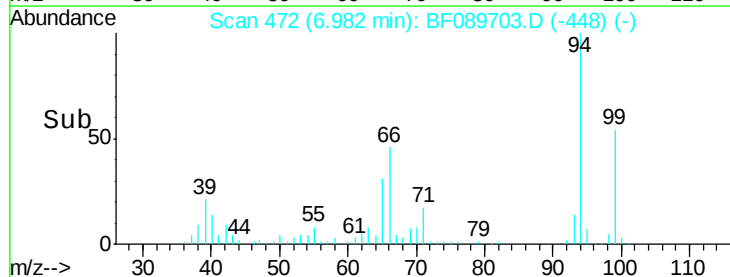
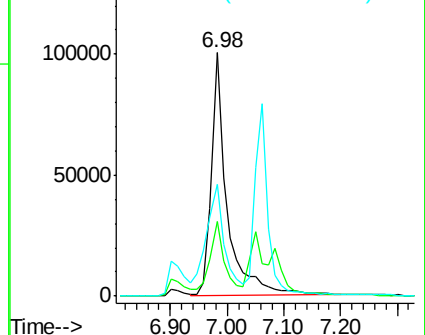
66 45.9 27.4 67.4

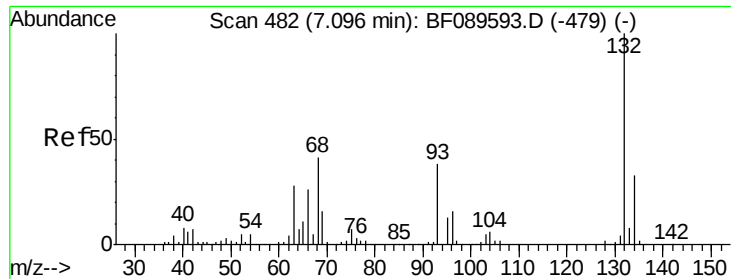


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

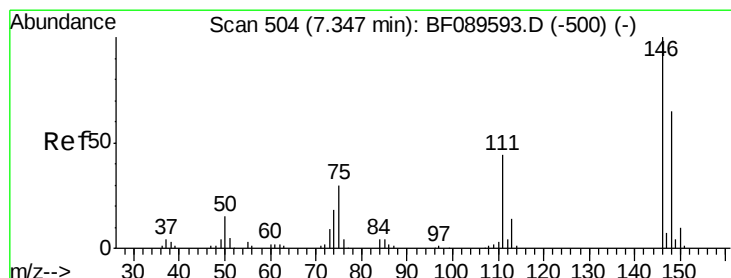
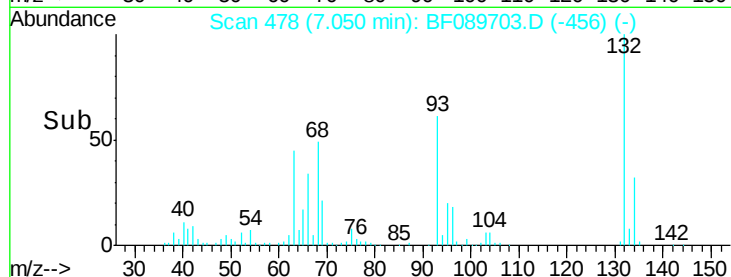
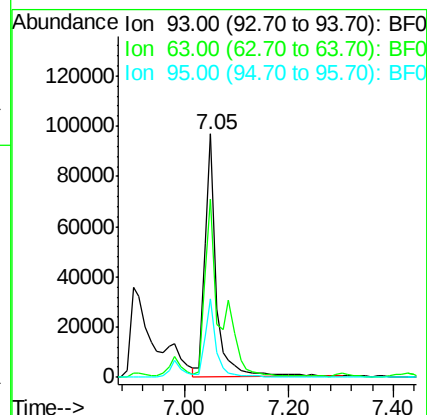
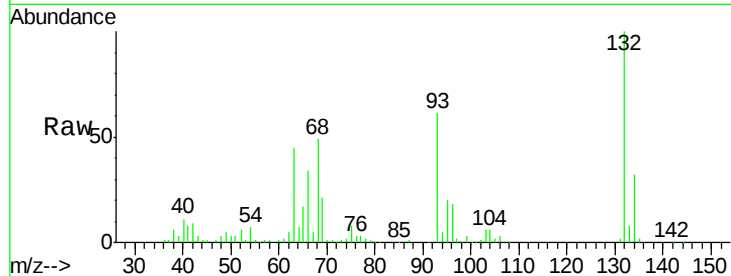




#11
bis(2-Chloroethyl)ether
Concen: 38.11 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.04 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

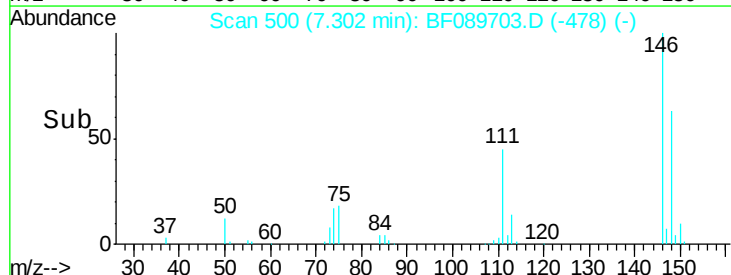
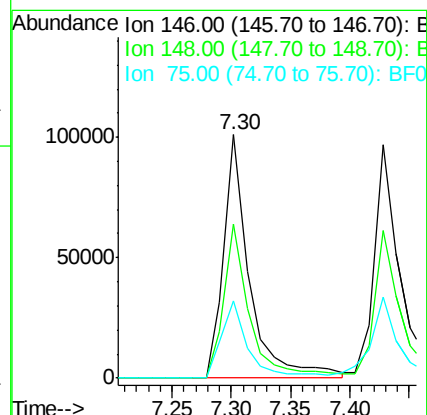
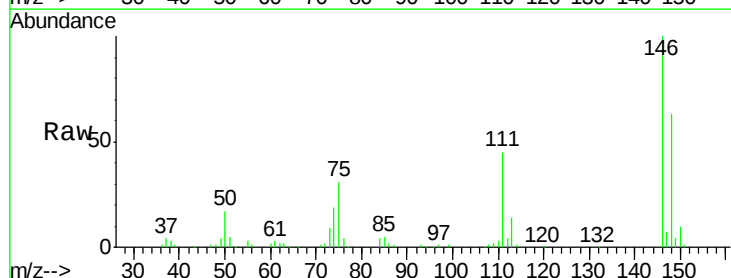
Instrument :
BNA_F
ClientSampleId :
PB92598BS

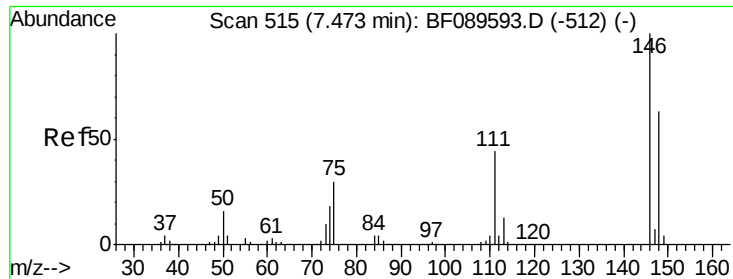
Tgt Ion: 93 Resp: 147876
Ion Ratio Lower Upper
93 100
63 73.1 52.2 92.2
95 32.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 35.24 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion: 146 Resp: 152381
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 31.5 24.1 36.1

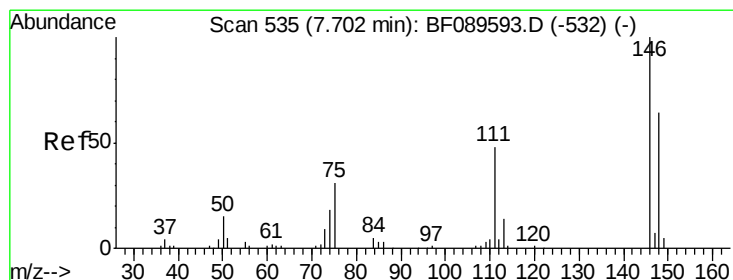
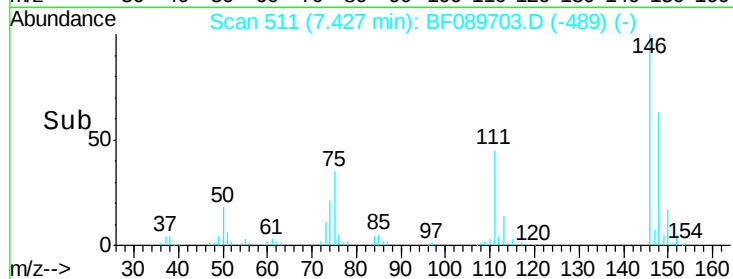
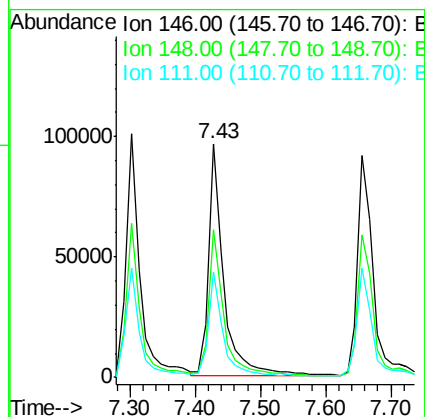
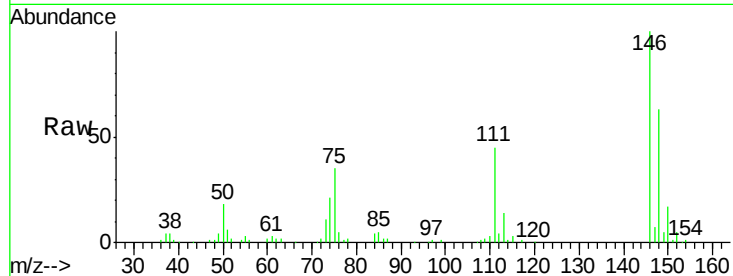




#13
 1,4-Dichlorobenzene
 Concen: 35.49 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

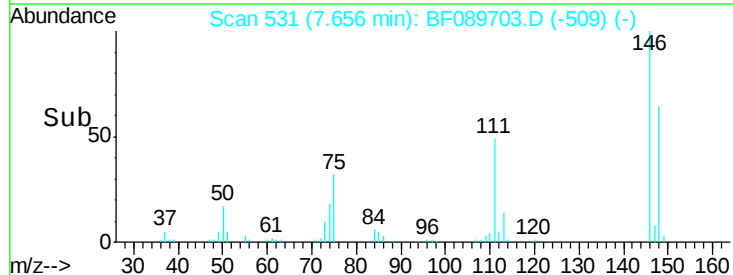
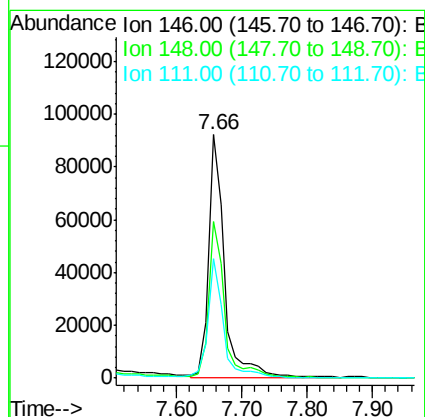
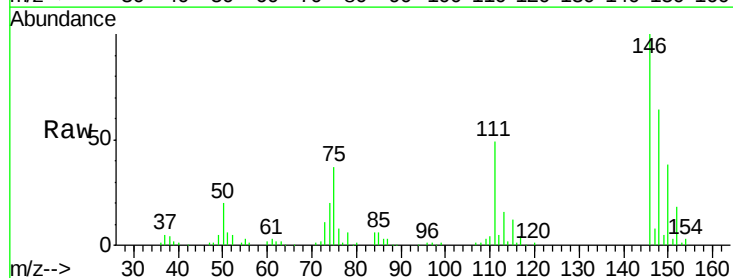
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

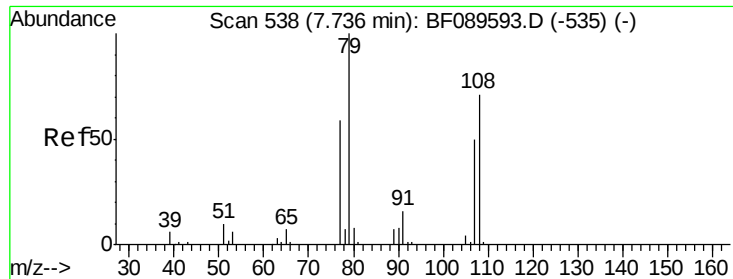
Tgt Ion:146 Resp: 153044
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 45.2 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 33.76 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:146 Resp: 153464
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.6
 111 49.3 38.5 57.7

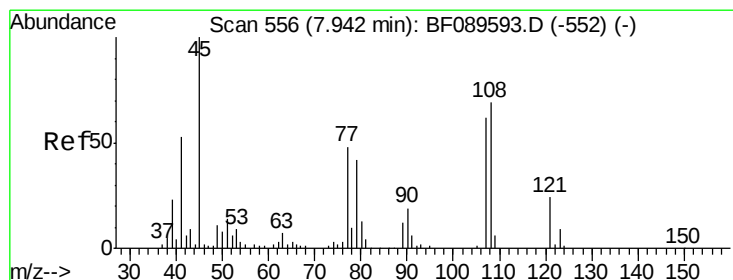
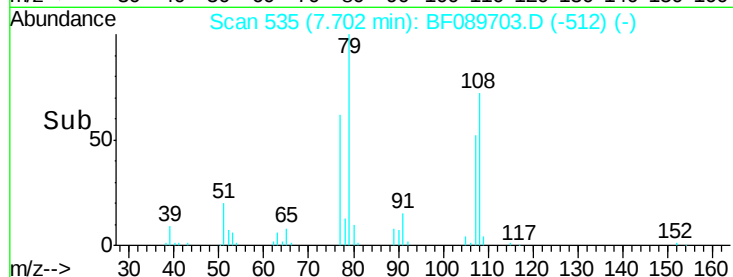
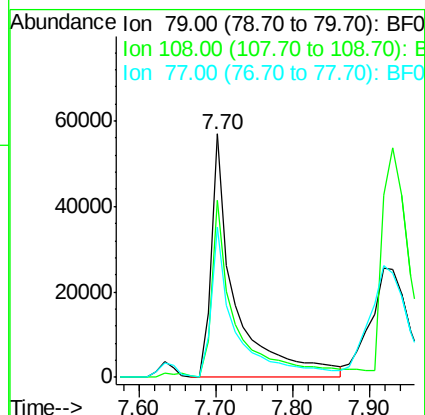
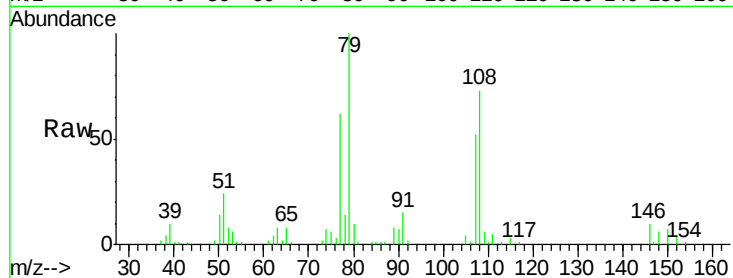




#15
Benzyl Alcohol
Concen: 42.21 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

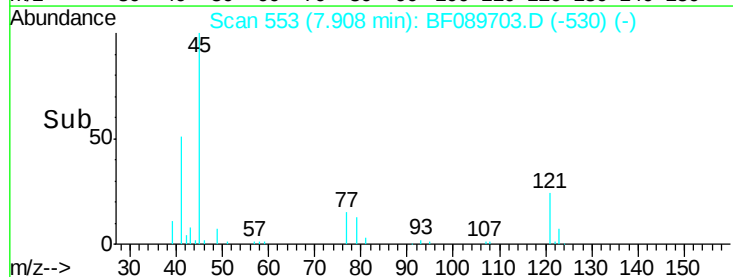
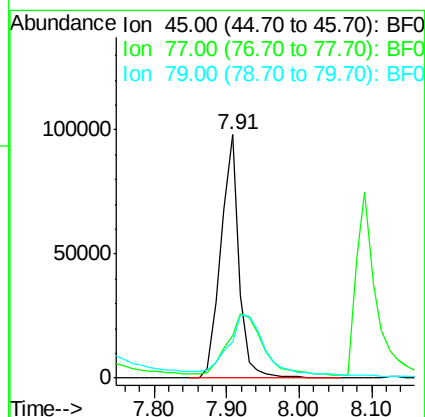
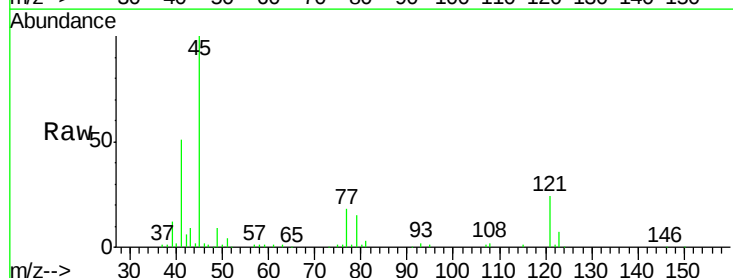
Instrument :
BNA_F
ClientSampleId :
PB92598BS

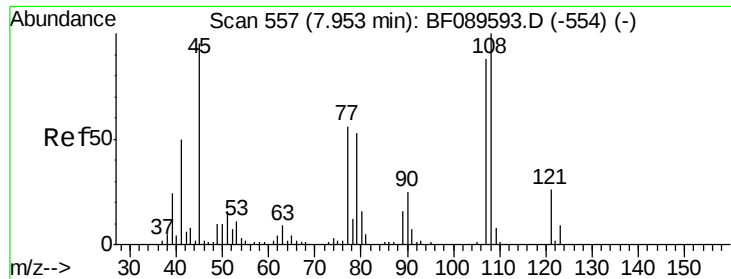
Tgt Ion: 79 Resp: 121761
Ion Ratio Lower Upper
79 100
108 72.5 58.3 87.5
77 61.9 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.62 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion: 45 Resp: 171064
Ion Ratio Lower Upper
45 100
77 17.6 30.1 70.1#
79 15.1 25.5 65.5#

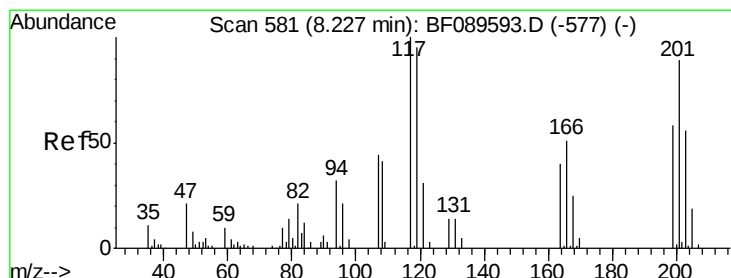
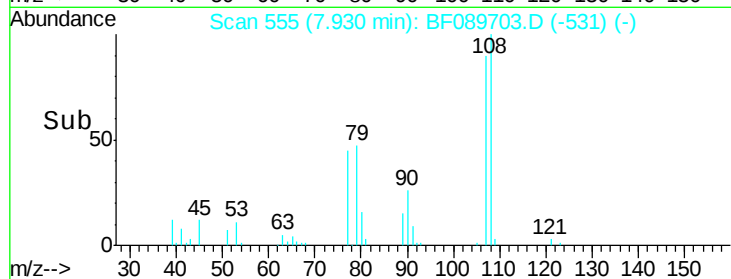
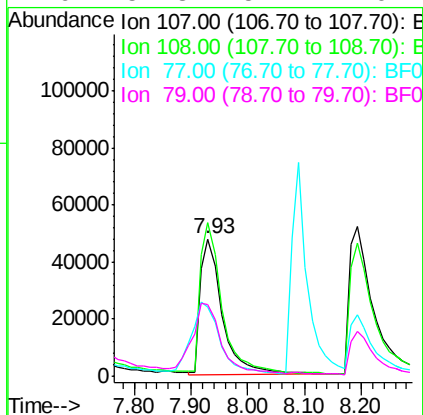
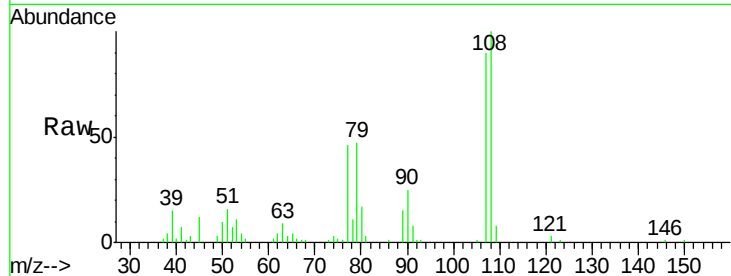




#17
2-Methylphenol
Concen: 44.45 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

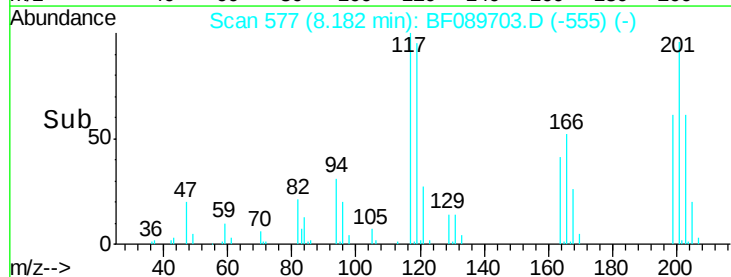
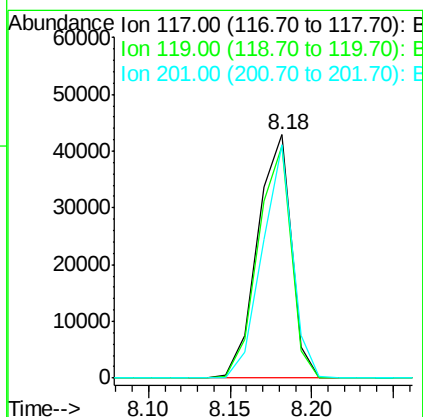
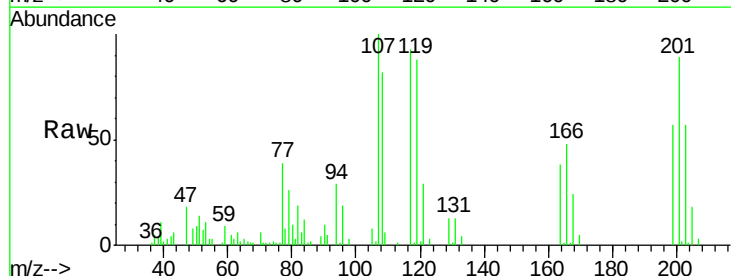
Instrument :
BNA_F
ClientSampleId :
PB92598BS

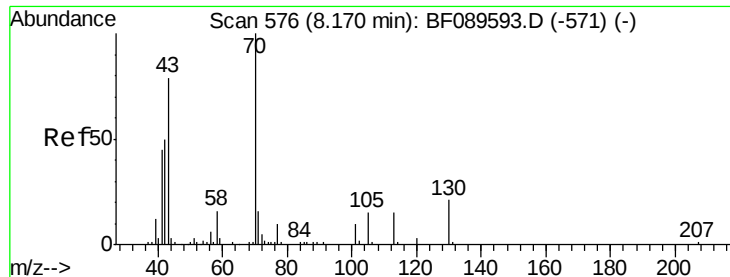
Tgt Ion:107 Resp: 127807
Ion Ratio Lower Upper
107 100
108 111.4 91.2 136.8
77 50.7 54.6 82.0#
79 52.3 52.7 79.1#



#18
Hexachloroethane
Concen: 33.90 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:117 Resp: 61619
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5
201 95.8 71.6 107.4

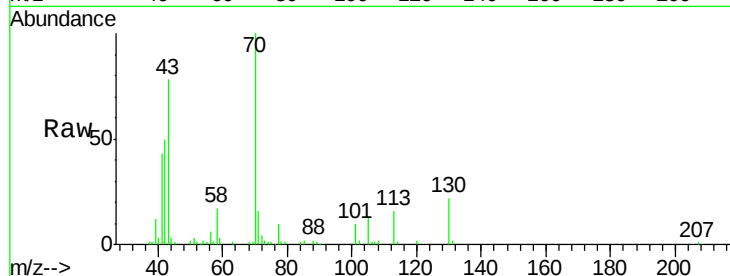




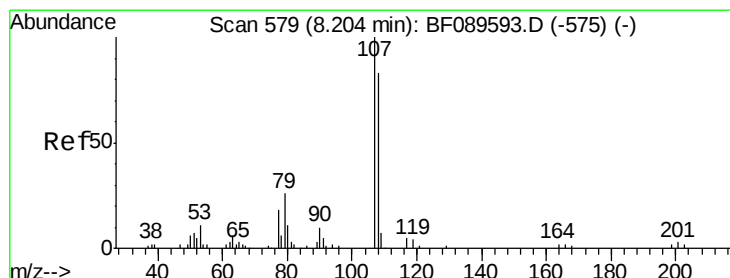
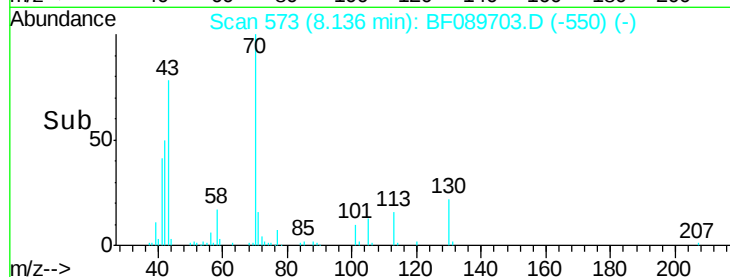
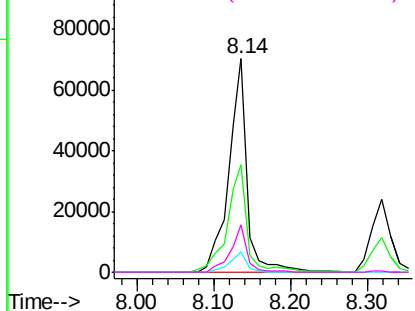
#19
n-Nitroso-di-n-propylamine
Concen: 37.43 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB92598BS

Tgt Ion:	70	Resp:	118951
Ion	Ratio	Lower	Upper
70	100		
42	50.4	40.2	60.2
101	9.5	7.8	11.6
130	22.0	16.4	24.6

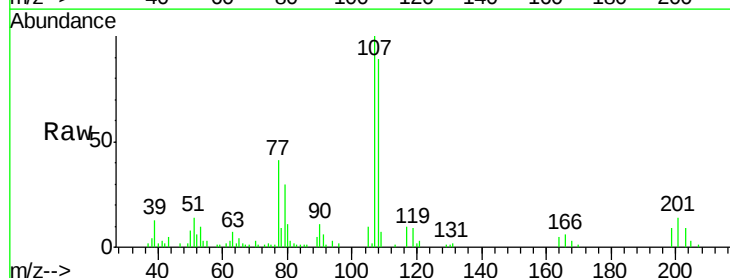


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

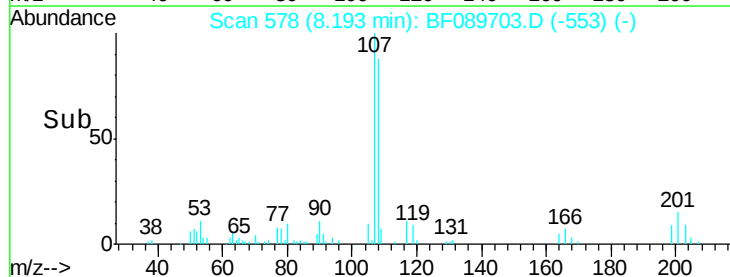
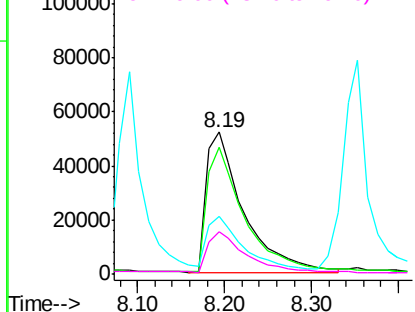


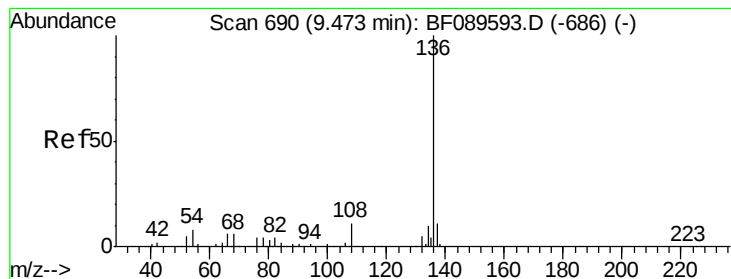
#20
3+4-Methylphenols
Concen: 42.74 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:	107	Resp:	155128
Ion	Ratio	Lower	Upper
107	100		
108	89.0	63.8	103.8
77	40.8	19.5	59.5
79	29.9	7.1	47.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

Tgt Ion:136 Resp: 233798

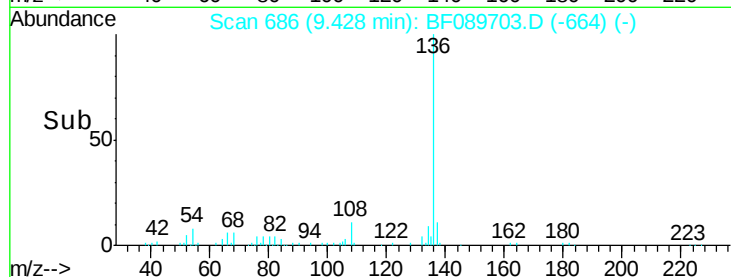
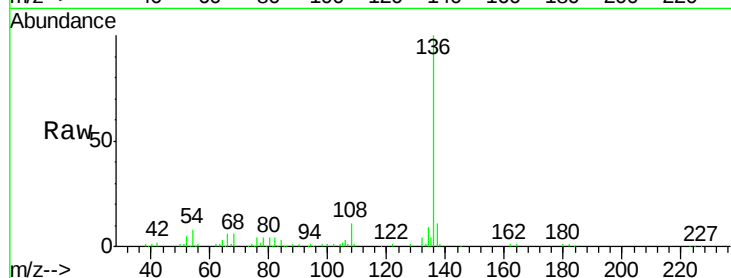
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 8.2 6.0 9.0

68 6.0 4.6 6.8



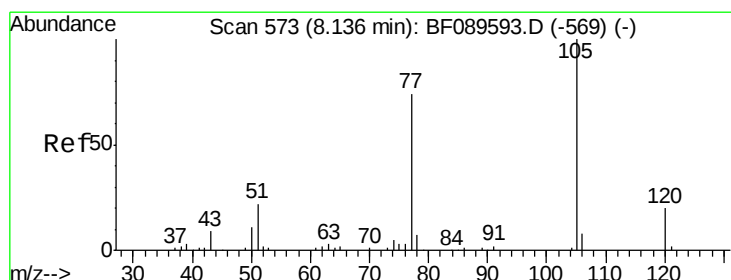
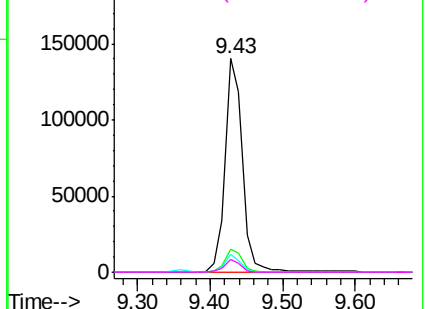
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.98 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Tgt Ion:105 Resp: 183834

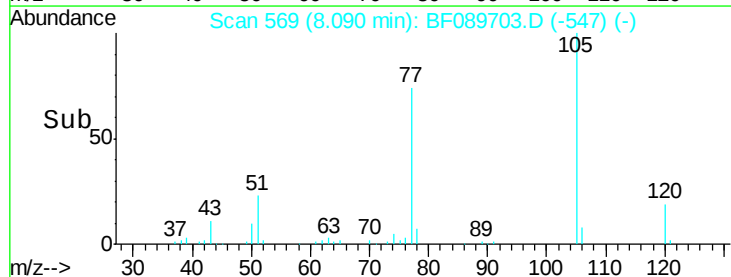
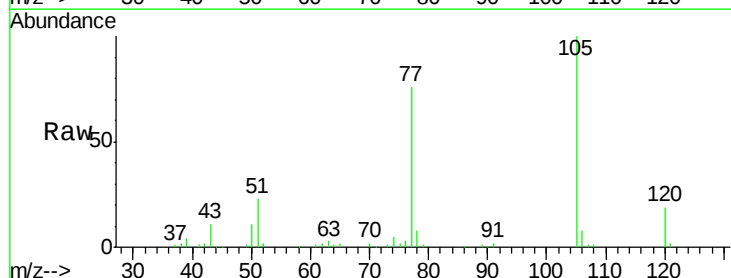
Ion Ratio Lower Upper

105 100

71 0.4 0.0 0.0#

51 23.2 18.2 27.2

120 18.8 15.7 23.5



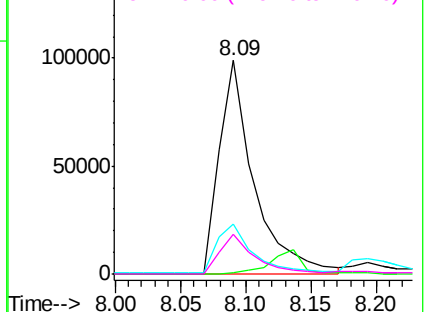
Abundance

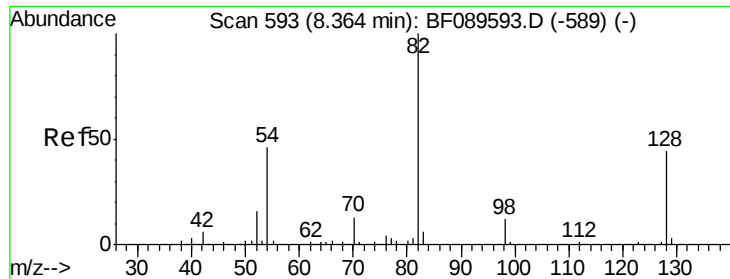
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

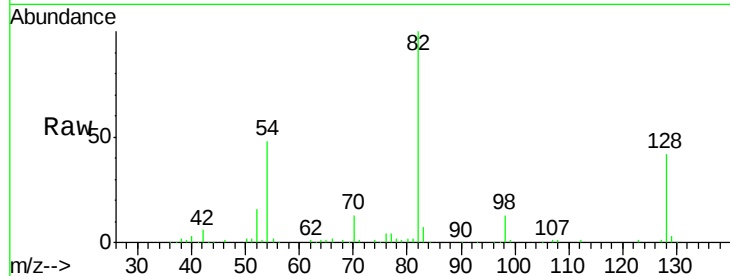




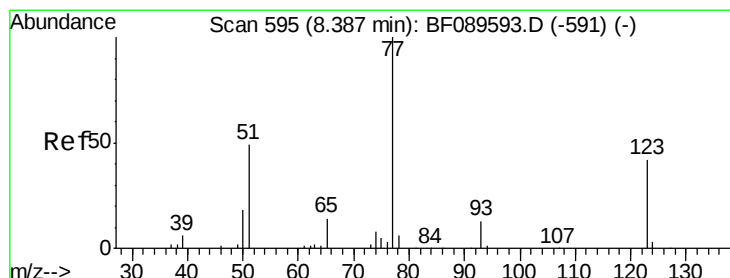
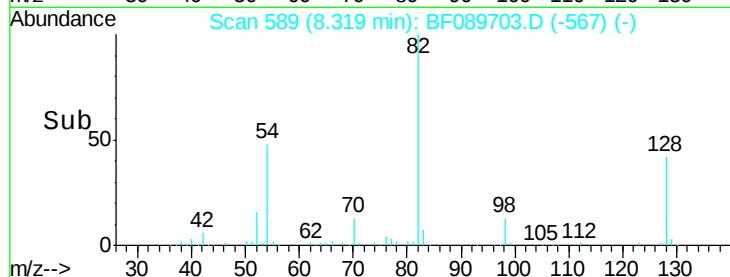
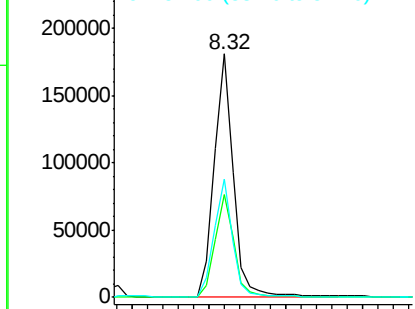
#23
 Nitrobenzene-d5
 Concen: 75.07 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion: 82 Resp: 317332
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.4 53.0
 54 48.3 36.4 54.6

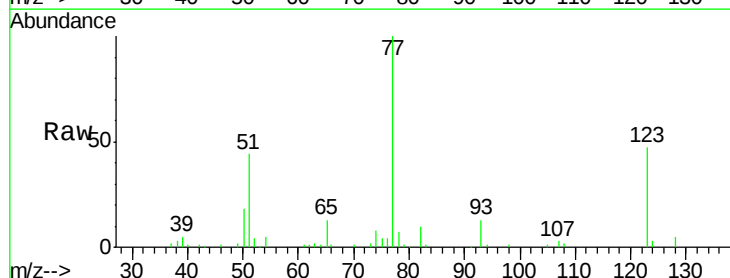


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

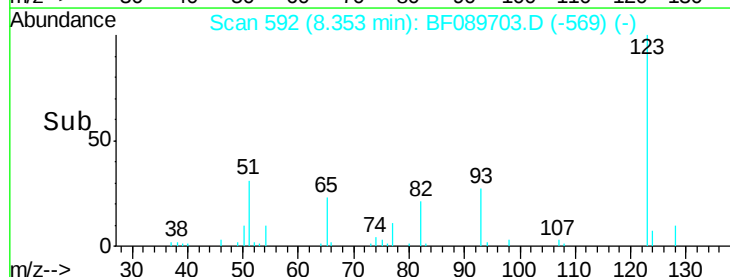
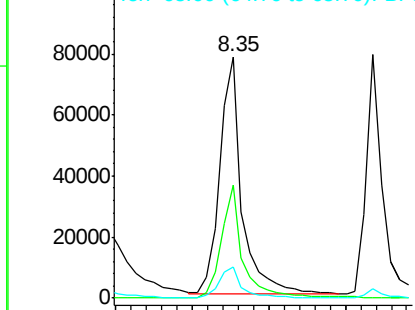


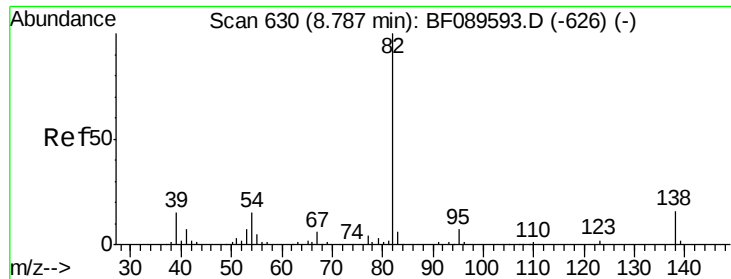
#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion: 77 Resp: 156124
 Ion Ratio Lower Upper
 77 100
 123 46.7 32.6 49.0
 65 13.2 11.0 16.6



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





#25

Isophorone

Concen: 37.56 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

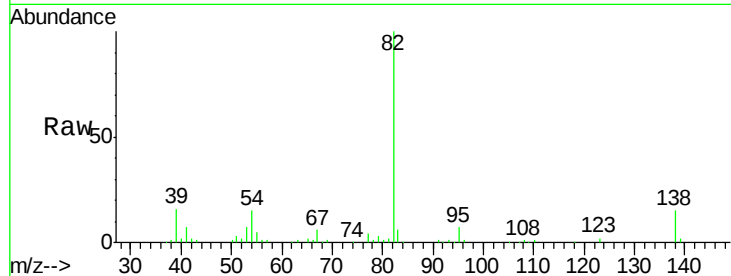
Tgt Ion: 82 Resp: 303976

Ion Ratio Lower Upper

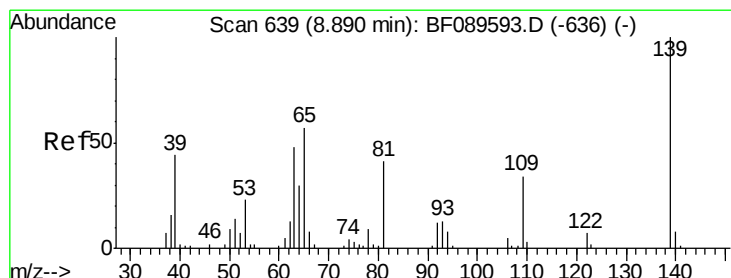
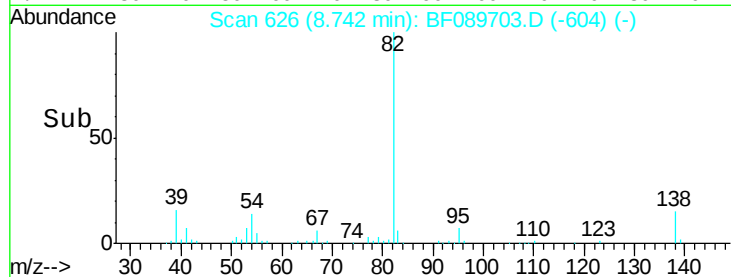
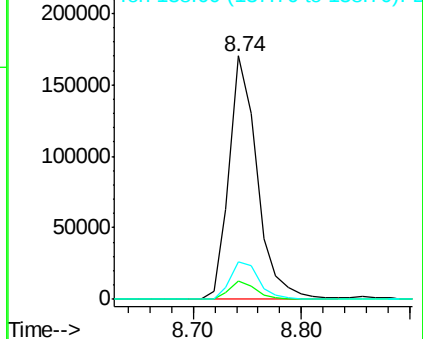
82 100

95 7.3 5.8 8.8

138 15.2 12.6 18.8



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: 40.60 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

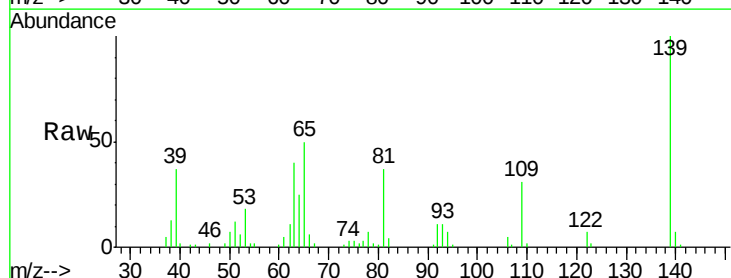
Tgt Ion: 139 Resp: 74799

Ion Ratio Lower Upper

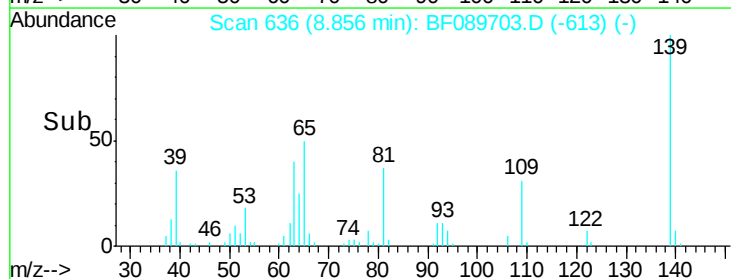
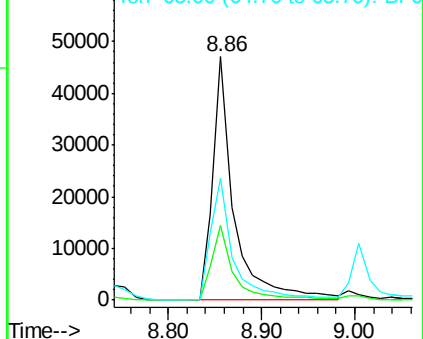
139 100

109 30.5 27.5 41.3

65 49.9 45.7 68.5



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

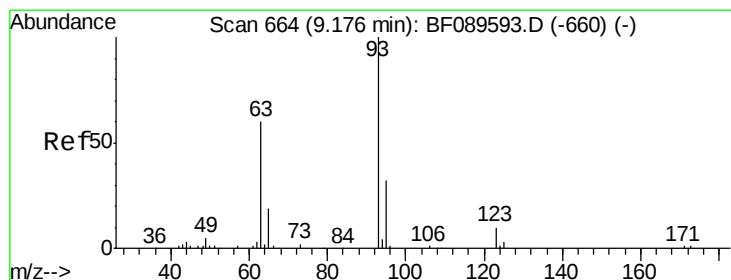
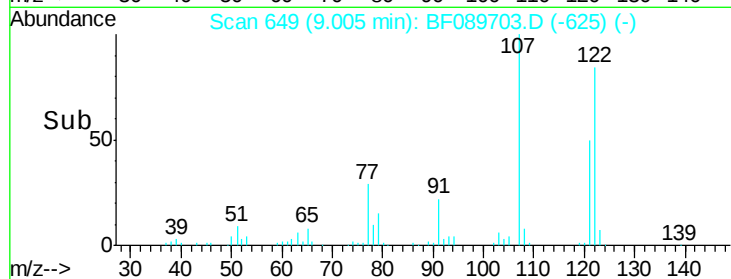
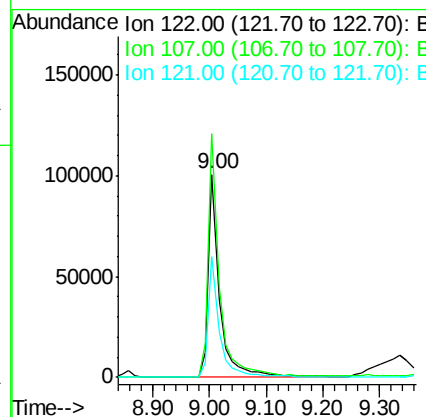
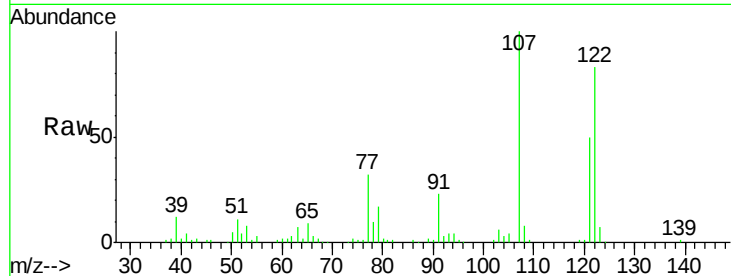




#27
 2,4-Dimethylphenol
 Concen: 41.33 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

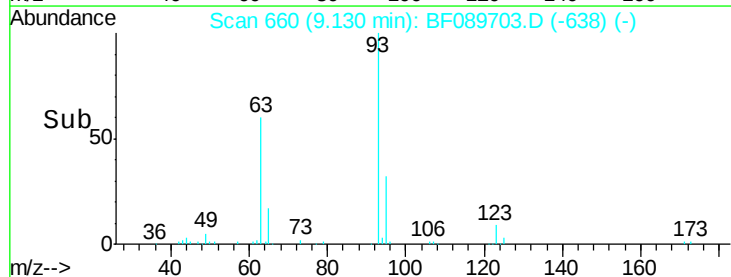
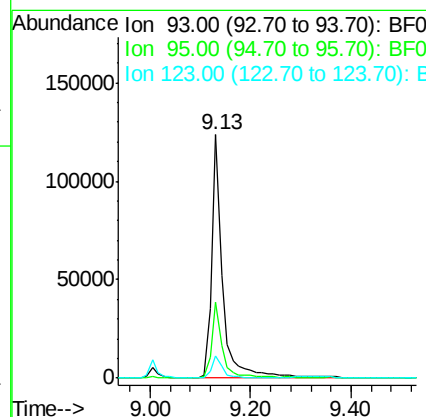
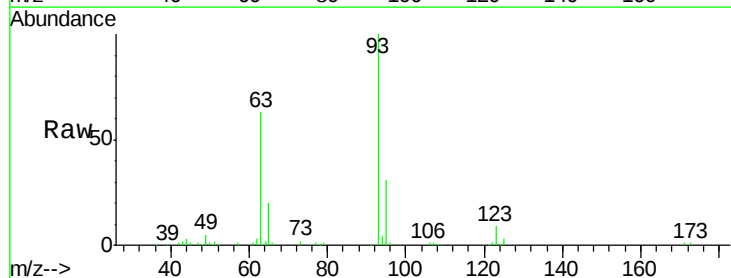
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

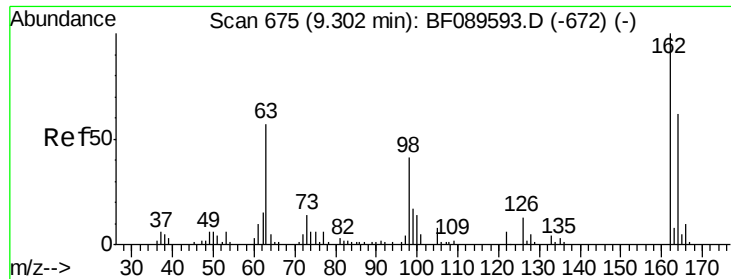
Tgt Ion:122 Resp: 136919
 Ion Ratio Lower Upper
 122 100
 107 119.9 99.5 149.3
 121 59.7 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.59 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion: 93 Resp: 188944
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.8 38.8
 123 9.4 8.0 12.0

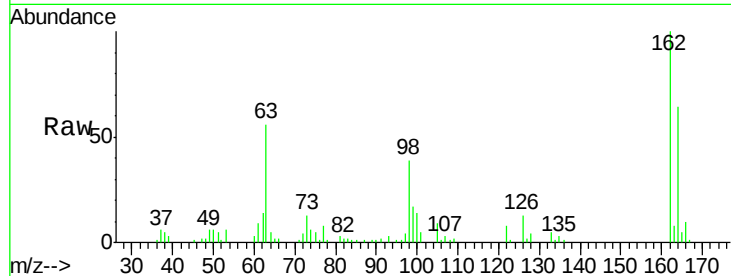




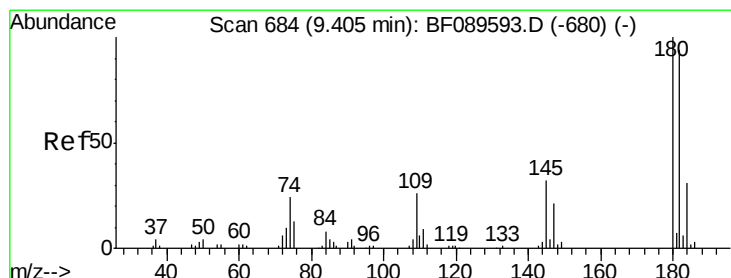
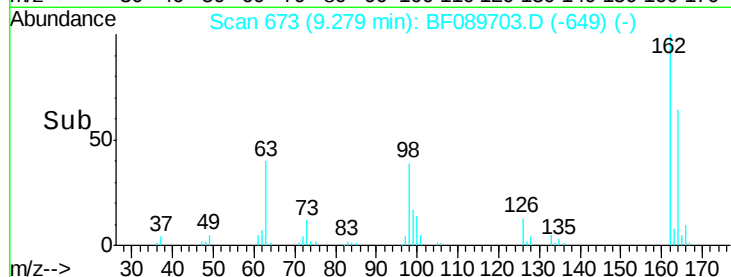
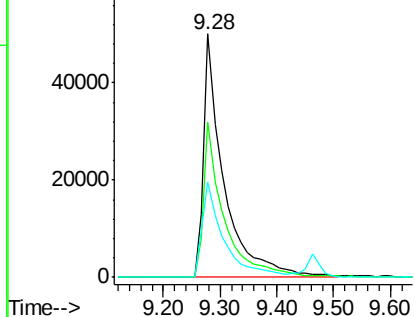
#29
 2,4-Dichlorophenol
 Concen: 38.64 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.3	82.3
98	39.3	21.2	61.2

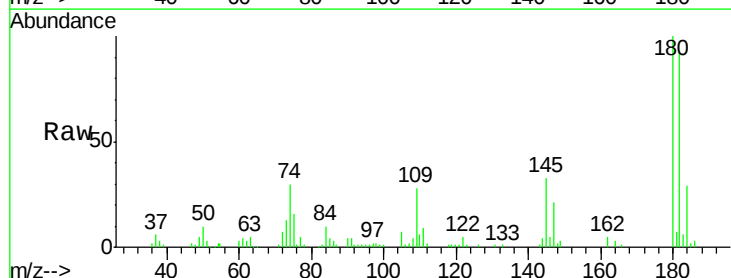


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

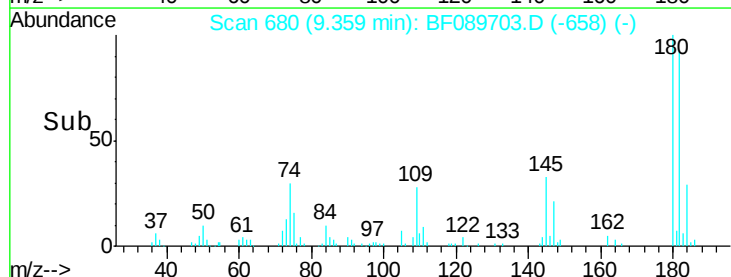
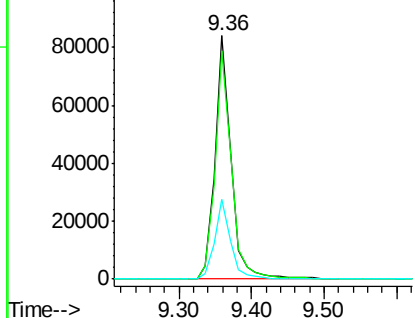


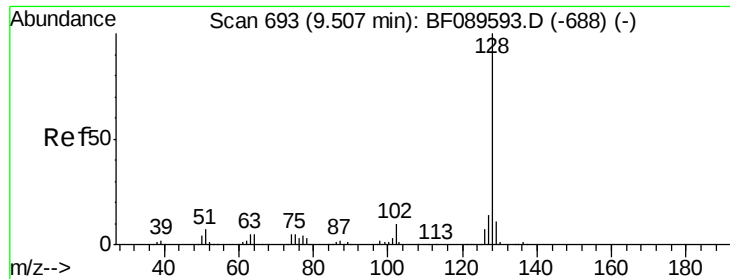
#30
 1,2,4-Trichlorobenzene
 Concen: 36.17 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.0	112.6
145	32.9	25.6	38.4



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

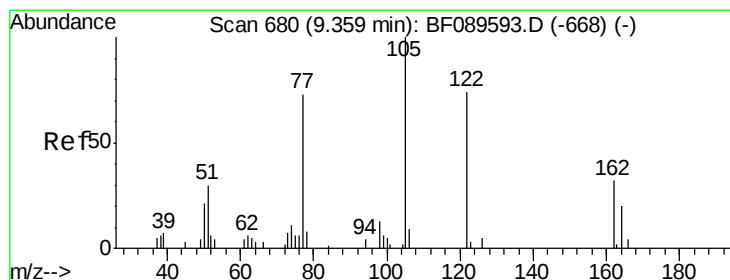
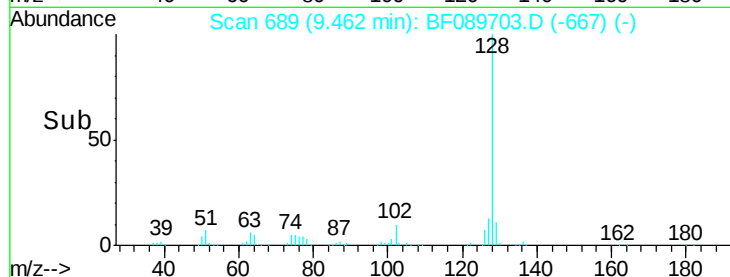
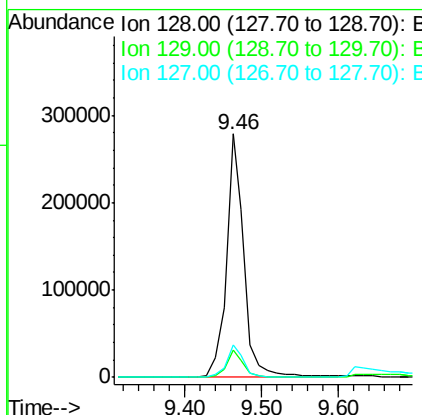
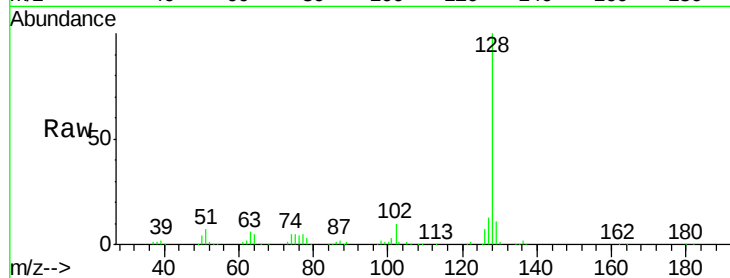




#31
Naphthalene
Concen: 36.04 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

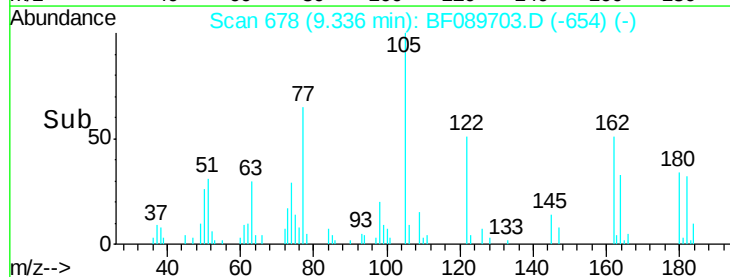
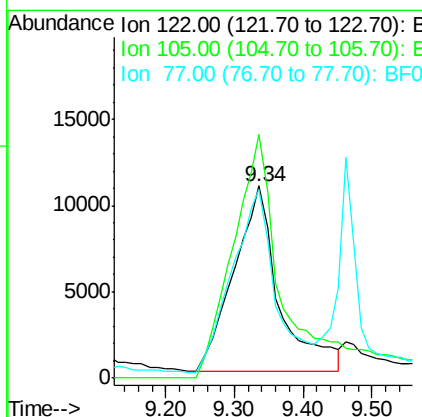
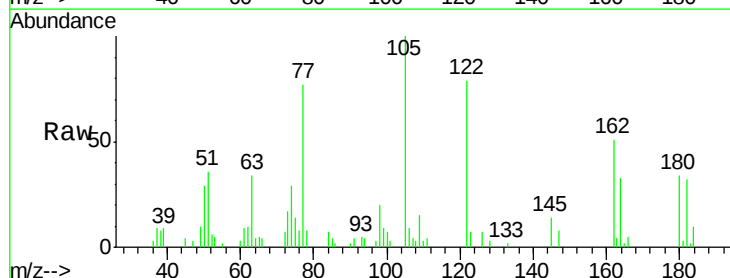
Instrument :
BNA_F
ClientSampleId :
PB92598BS

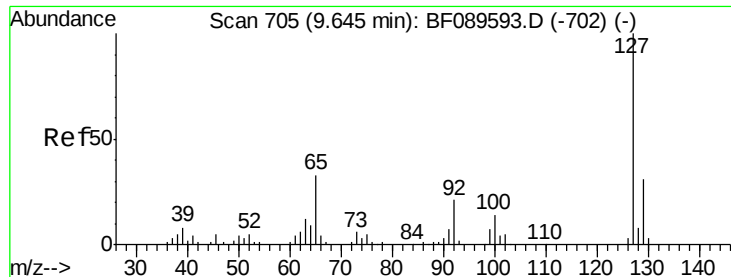
Tgt Ion:128 Resp: 447797
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 23.52 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:122 Resp: 48946
Ion Ratio Lower Upper
122 100
105 126.6 109.9 149.9
77 97.9 77.5 117.5

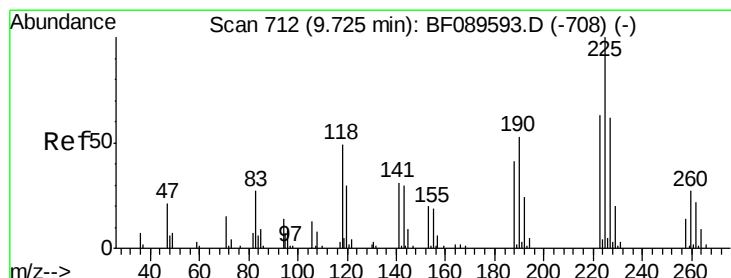
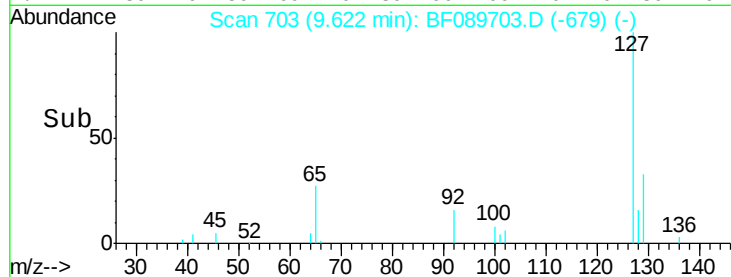
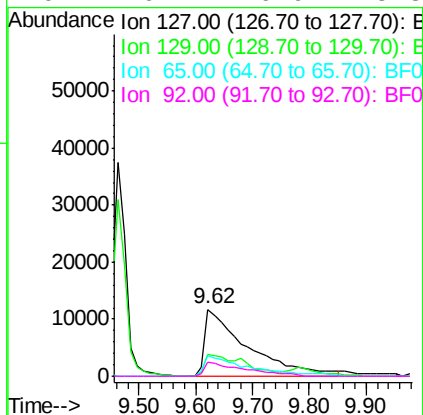
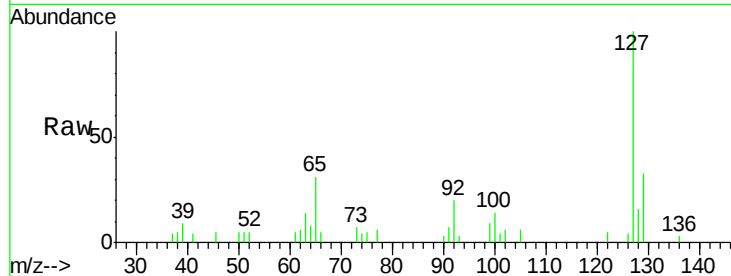




#33
 4-Chloroaniline
 Concen: 12.97 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

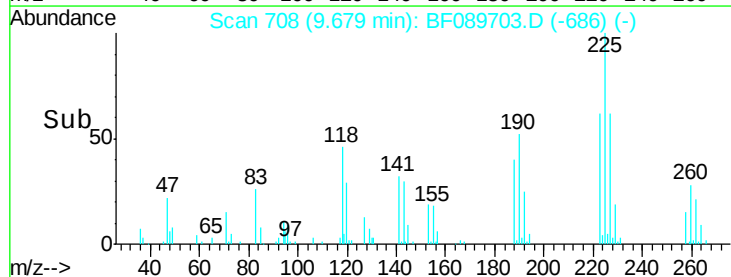
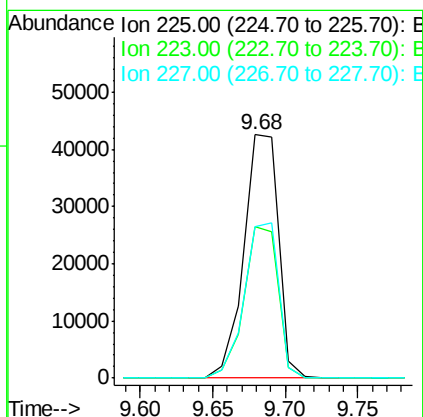
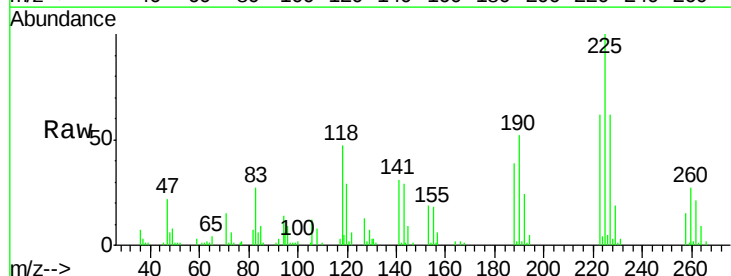
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

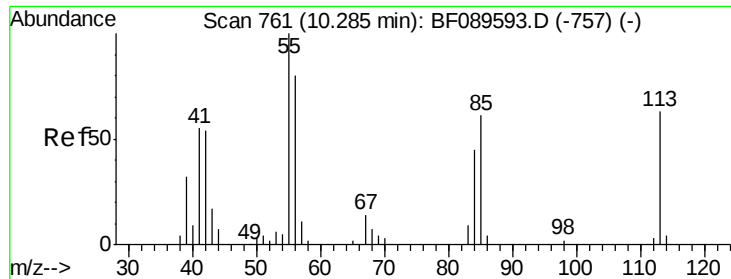
Tgt Ion:	127	Resp:	60539
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.1	37.7
65	31.5	26.2	39.2
92	20.4	16.9	25.3



#34
 Hexachlorobutadiene
 Concen: 34.19 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:	225	Resp:	70481
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	62.1	49.4	74.0

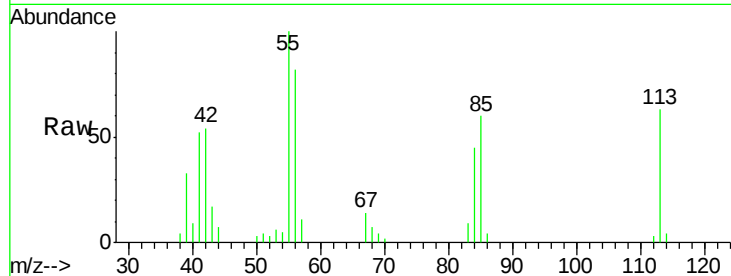




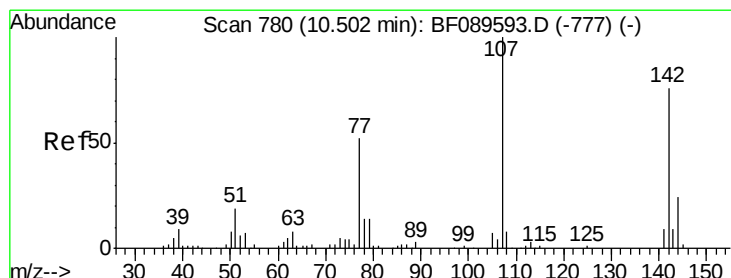
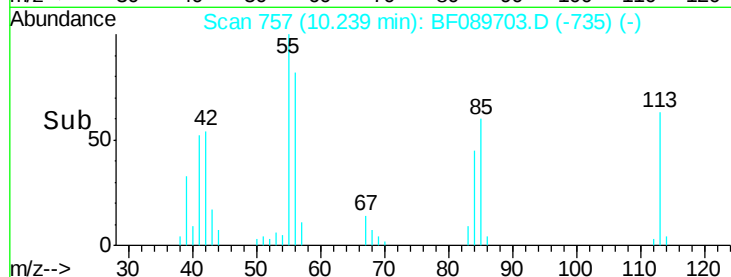
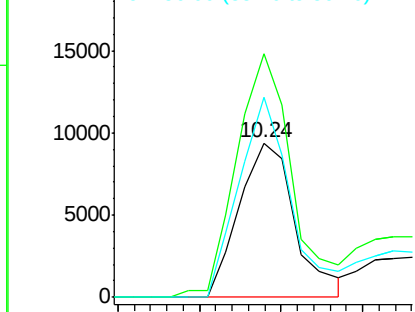
#35
 Caprolactam
 Concen: 24.53 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion:113 Resp: 22406
 Ion Ratio Lower Upper
 113 100
 55 157.9 139.6 179.6
 56 130.1 108.2 148.2

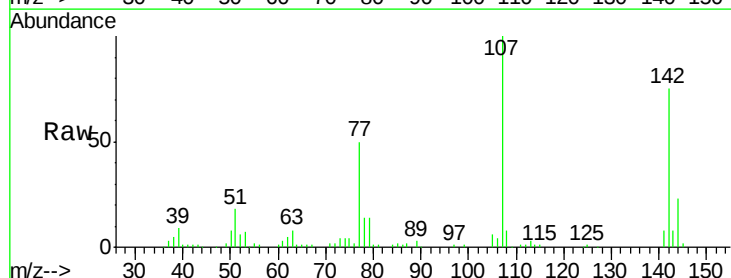


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

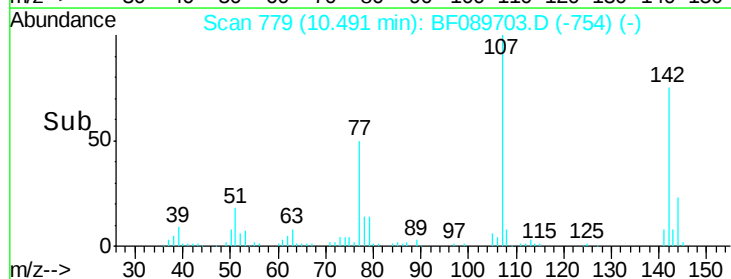
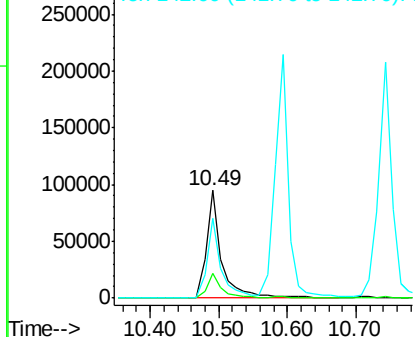


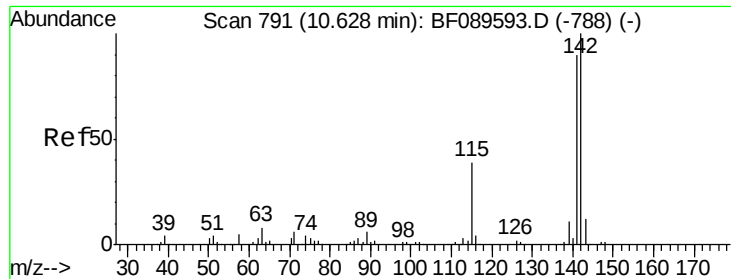
#36
 4-Chloro-3-methylphenol
 Concen: 39.84 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:107 Resp: 145160
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.9 28.3
 142 74.6 60.4 90.6



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

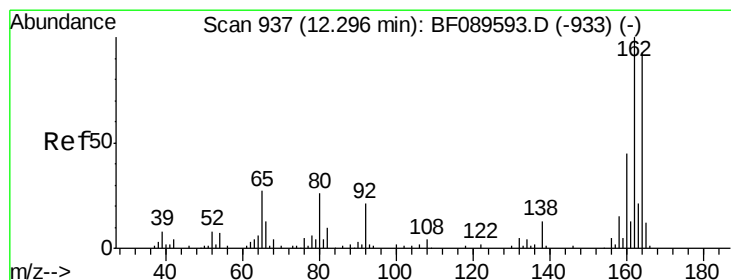
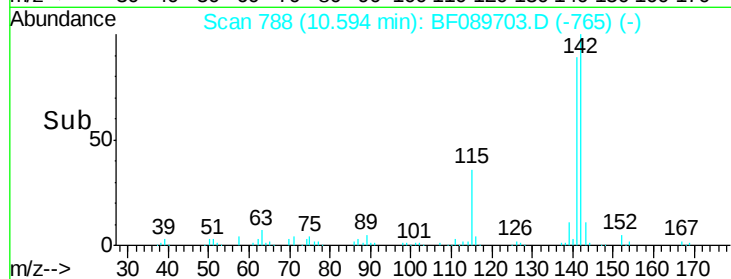
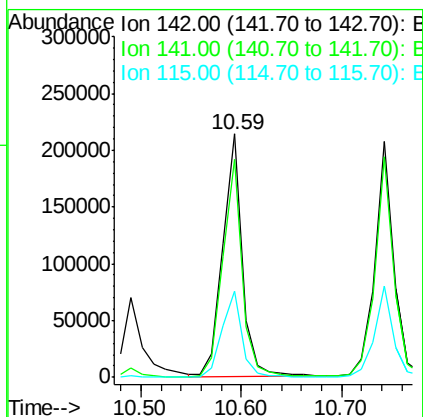
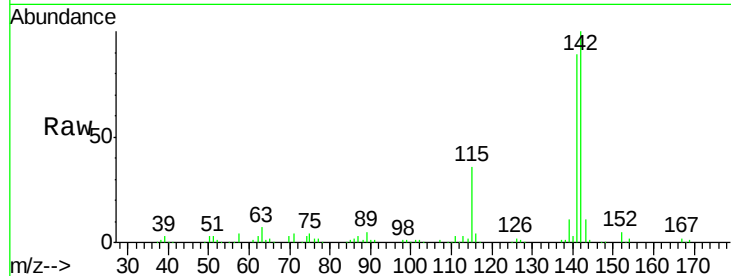




#37
2-Methylnaphthalene
Concen: 38.28 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

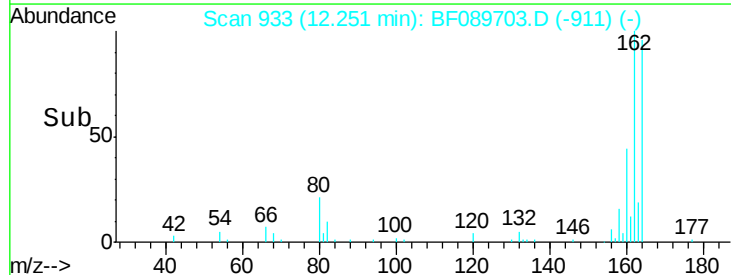
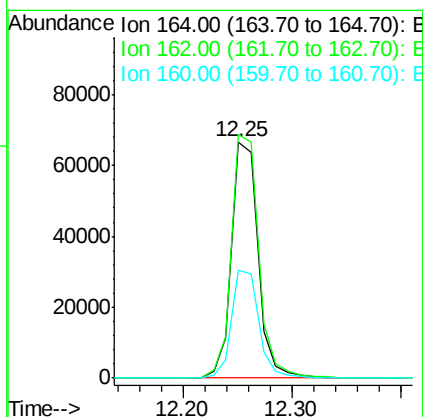
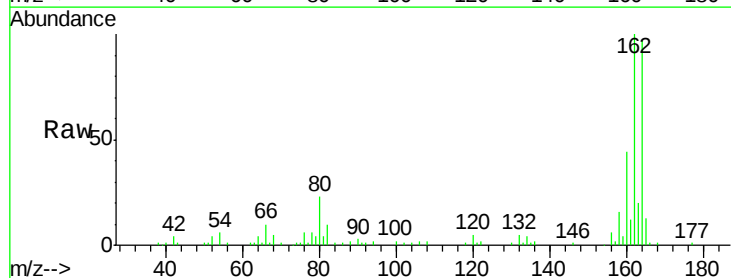
Instrument :
BNA_F
ClientSampleId :
PB92598BS

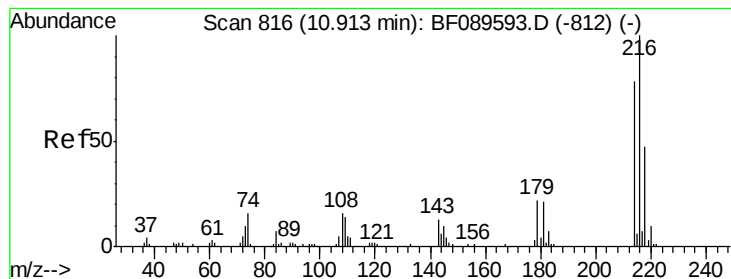
Tgt Ion:	142	Resp:	292509
Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.6
115	35.6	31.0	46.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:	164	Resp:	111854
Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.7	128.5
160	45.8	38.2	57.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.48 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

Tgt Ion:216 Resp: 111313

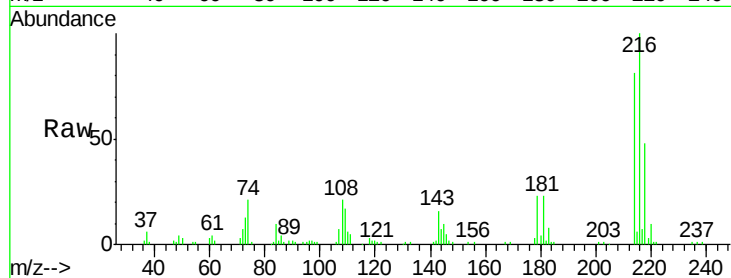
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 22.4 17.8 26.8

108 23.4 16.3 24.5

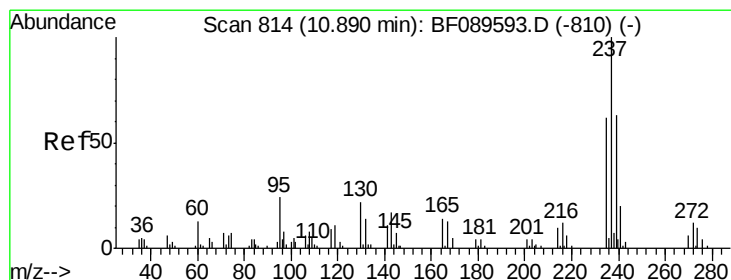
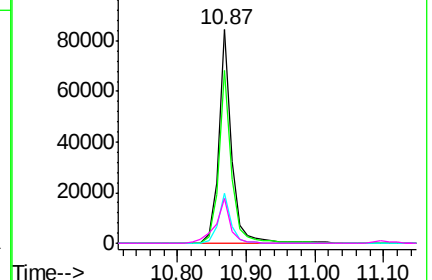
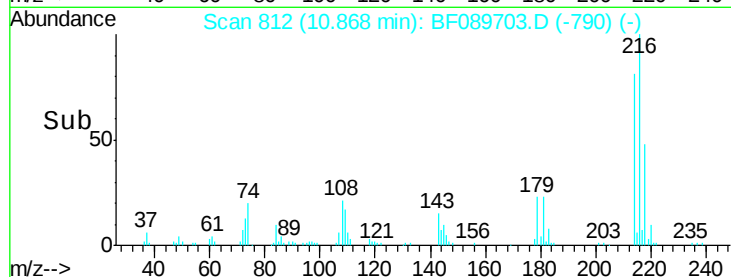


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.48 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

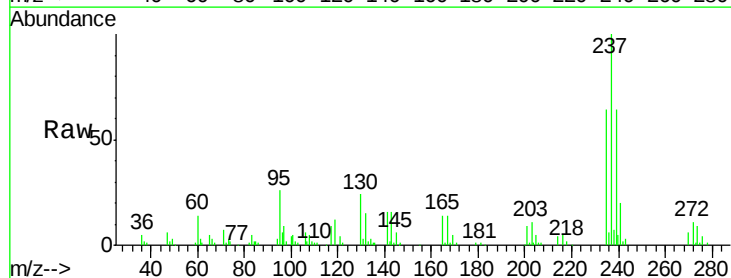
Tgt Ion:237 Resp: 92568

Ion Ratio Lower Upper

237 100

235 63.7 41.9 81.9

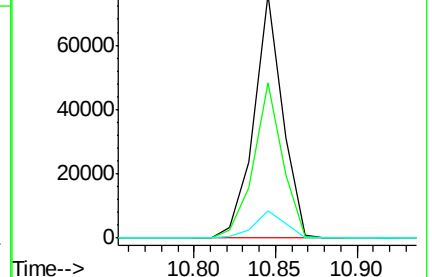
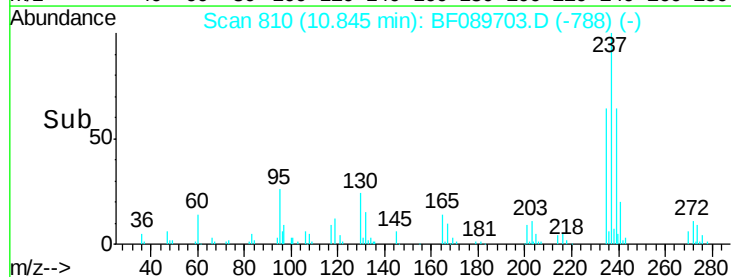
272 11.4 0.0 32.4

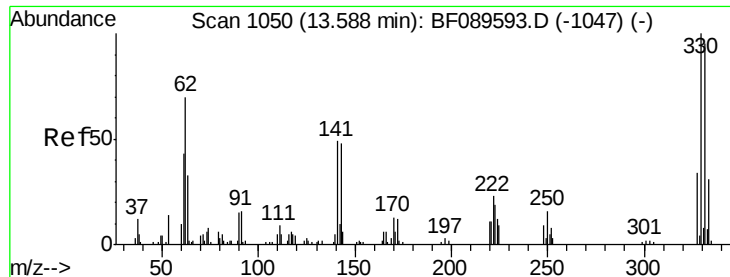


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

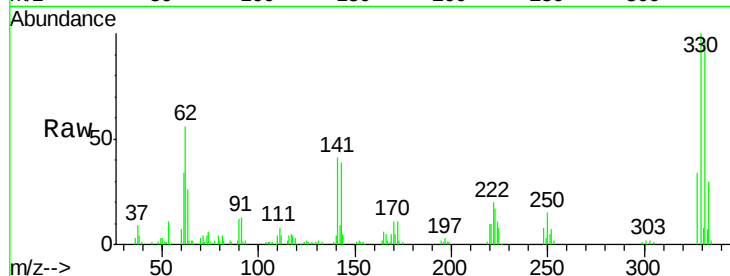




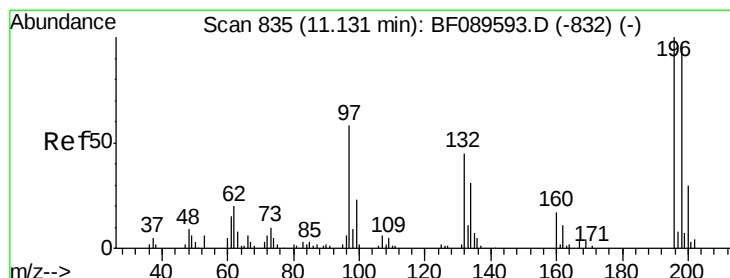
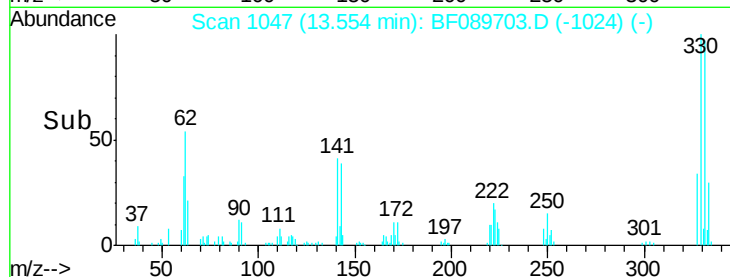
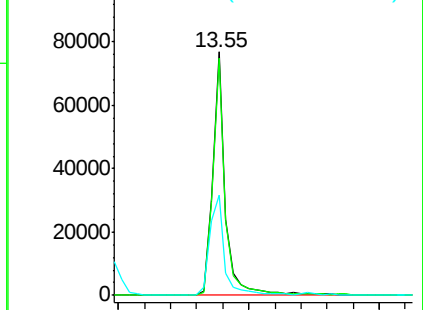
#41
 2,4,6-Tribromophenol
 Concen: 114.90 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion:330 Resp: 106057
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 47.7 38.6 57.8

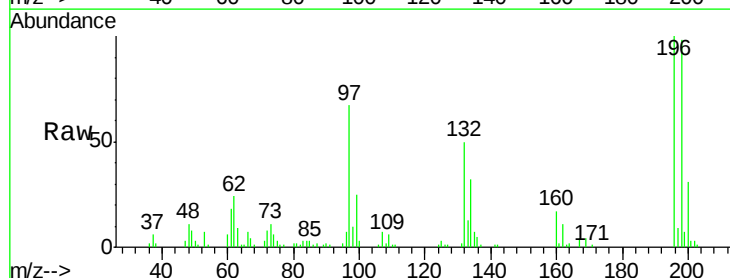


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

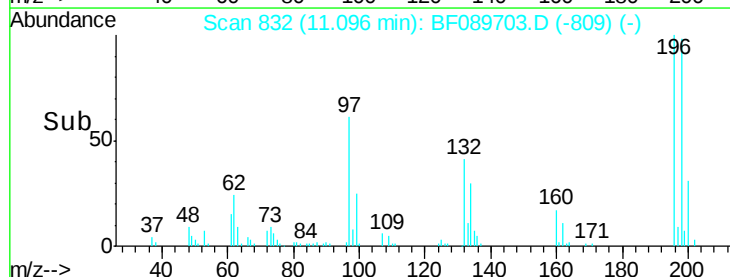
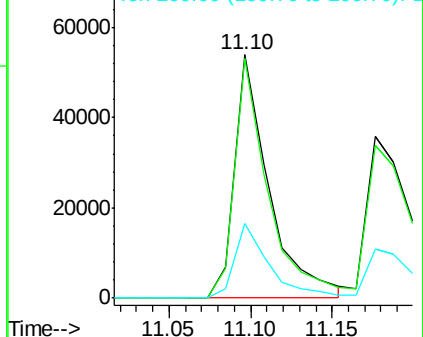


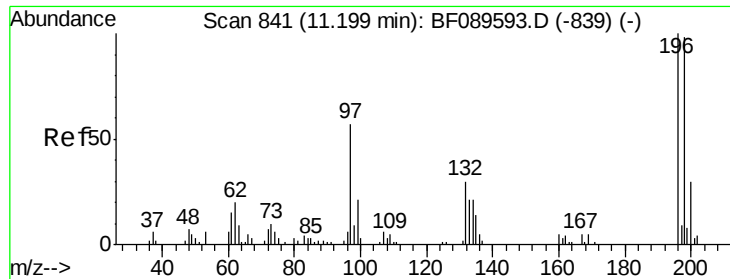
#42
 2,4,6-Trichlorophenol
 Concen: 37.95 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:196 Resp: 78683
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.6 116.4
 200 30.7 23.8 35.8



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

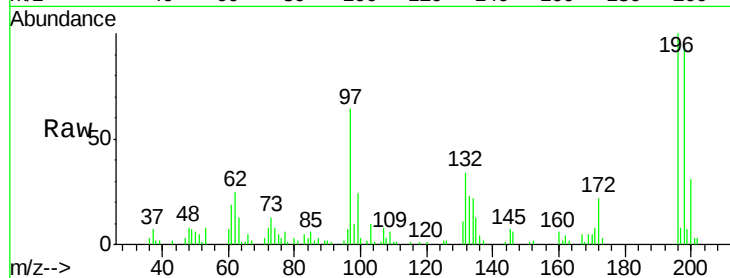




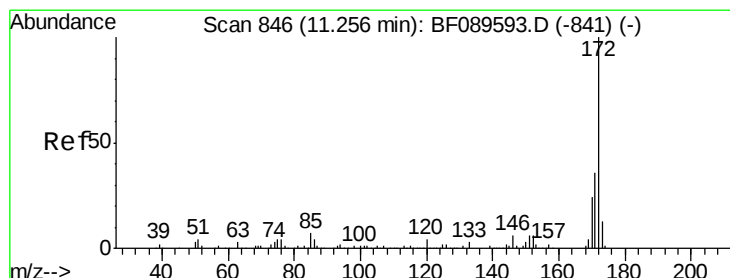
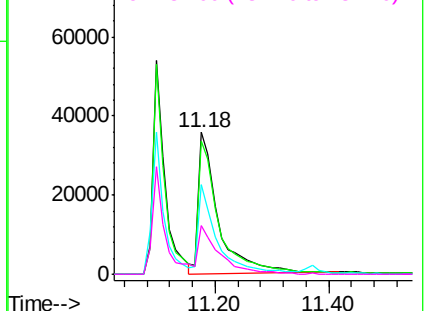
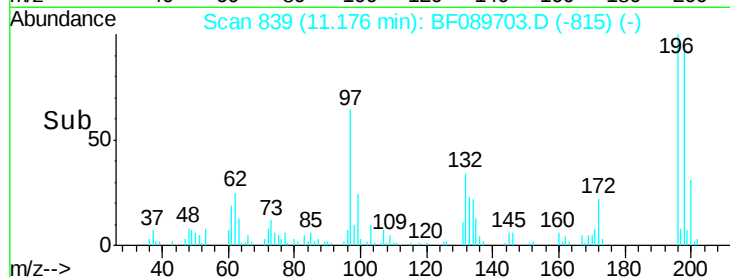
#43
 2,4,5-Trichlorophenol
 Concen: 38.04 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion:196 Resp: 84307
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.8 116.6
 97 63.6 45.8 68.6
 132 34.4 25.1 37.7

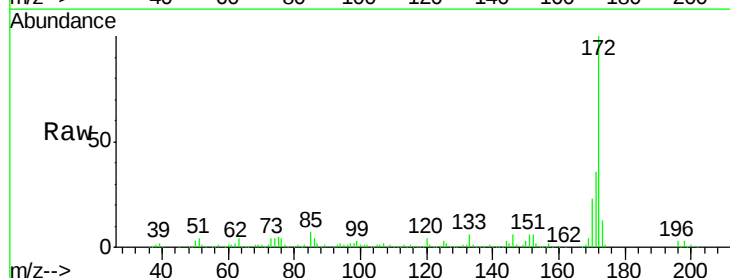


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

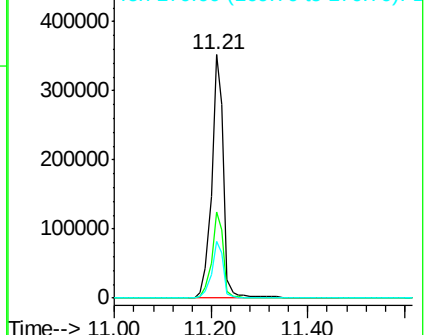
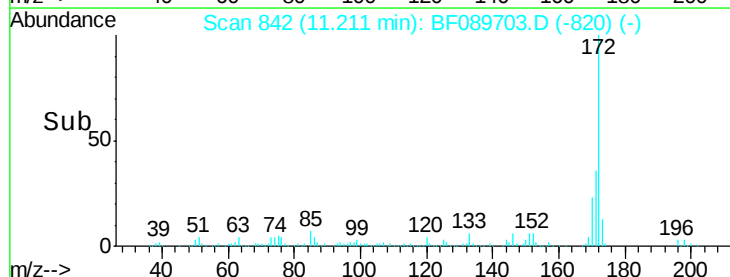


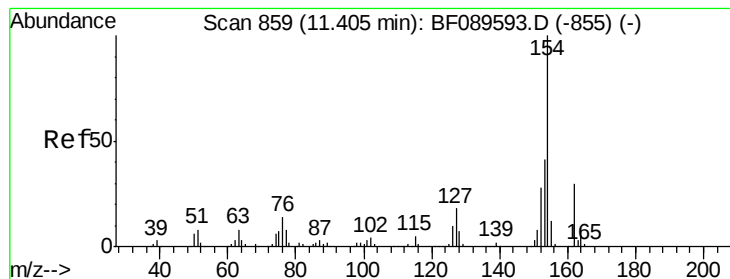
#44
 2-Fluorobiphenyl
 Concen: 71.13 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:172 Resp: 612158
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.3 19.0 28.6



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: 31.38 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

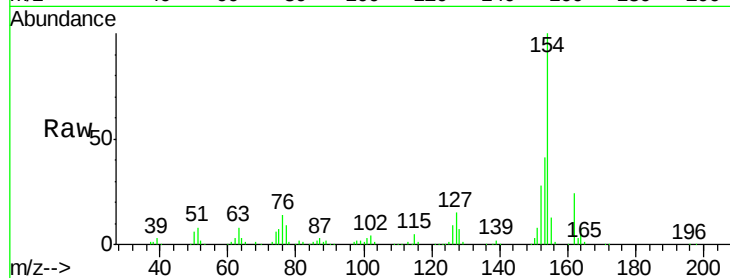
Tgt Ion:154 Resp: 316511

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

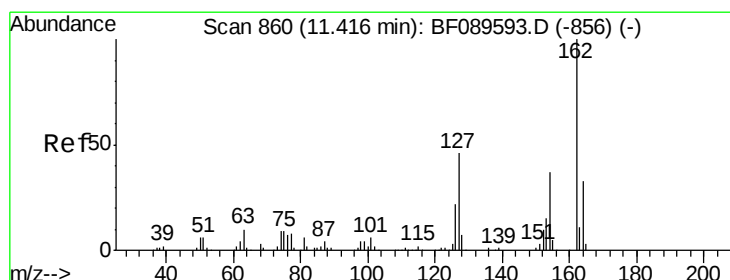
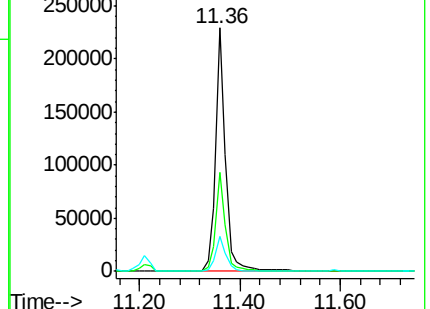
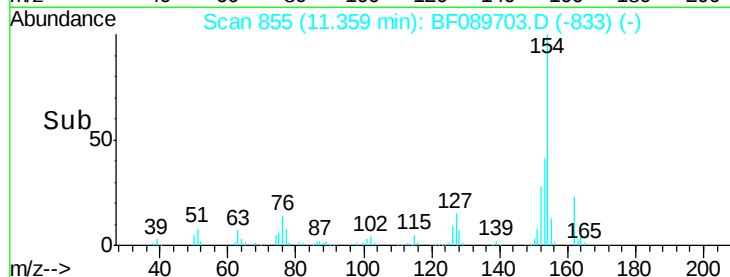
76 14.5 0.0 33.7



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: 35.63 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

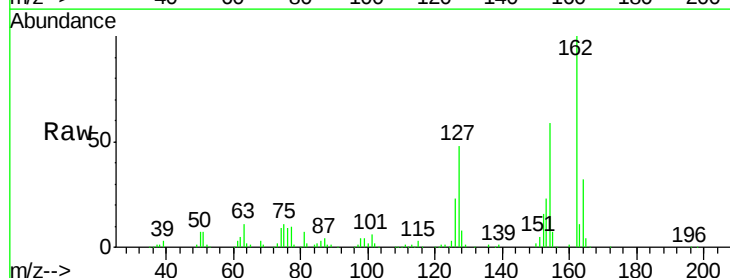
Tgt Ion:162 Resp: 269493

Ion Ratio Lower Upper

162 100

127 47.9 36.6 54.8

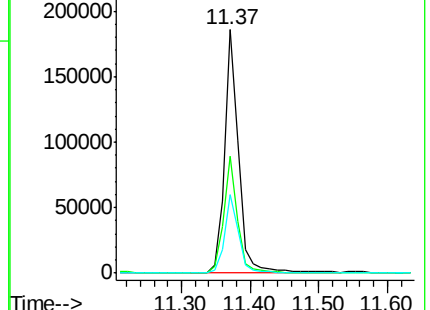
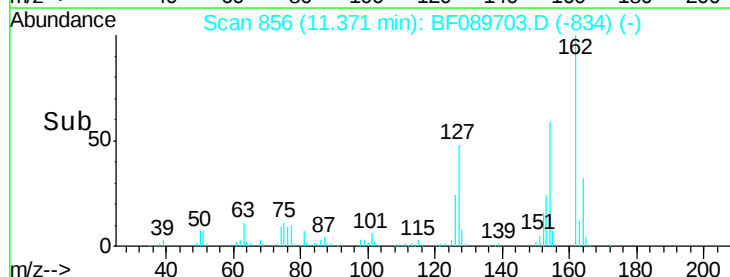
164 32.2 26.8 40.2

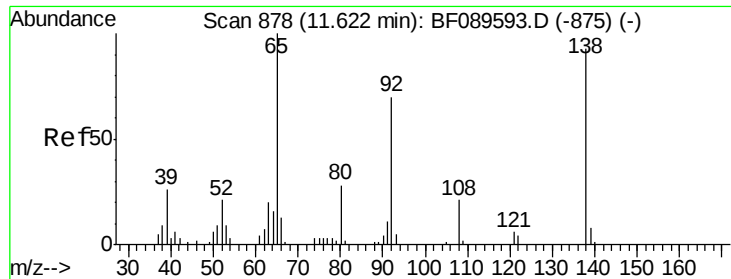


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

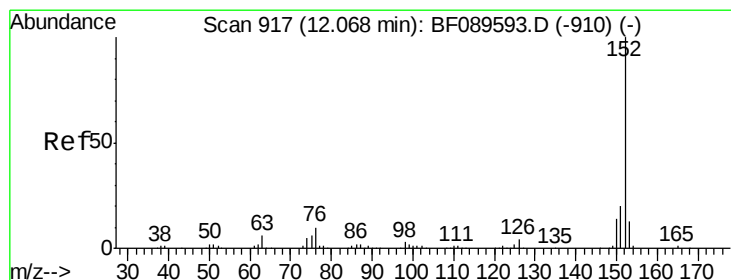
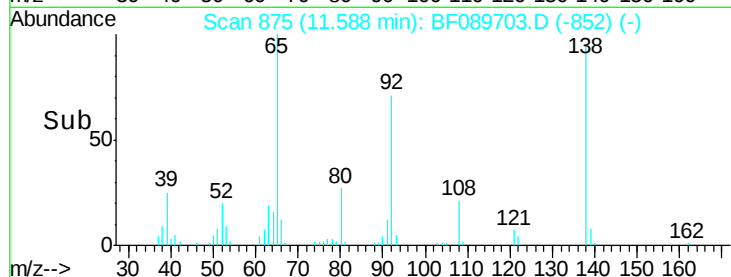
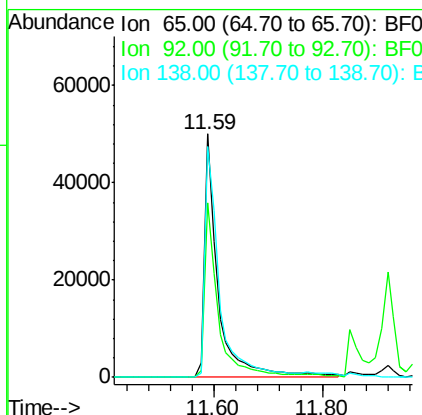
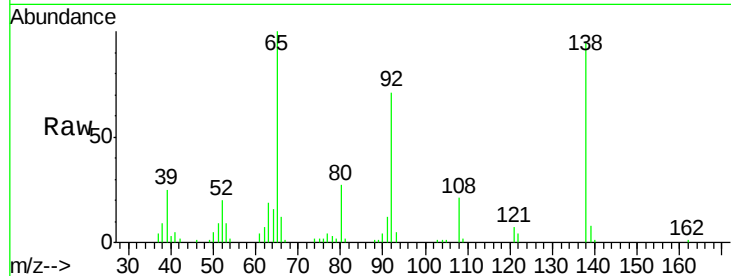




#47
 2-Nitroaniline
 Concen: 36.14 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

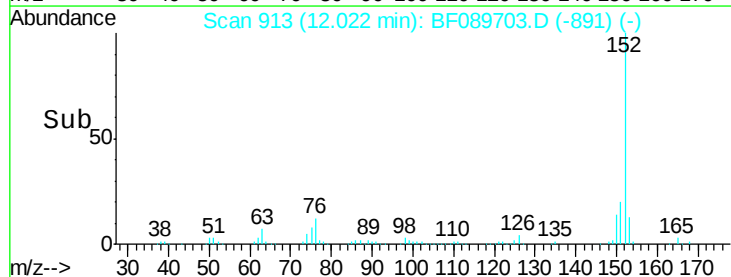
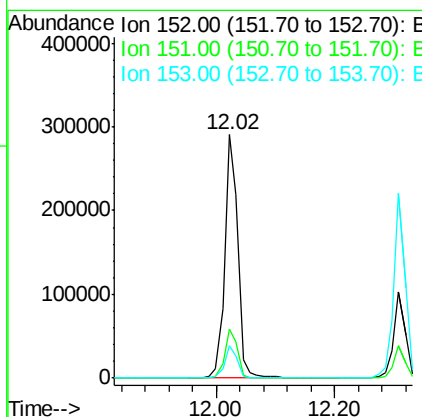
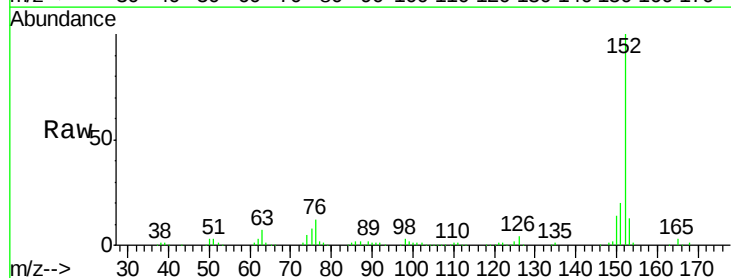
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.3	84.5
138	95.0	74.3	111.5



#48
 Acenaphthylene
 Concen: 35.85 ng
 RT: 12.02 min Scan# 913
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	10.5	15.7

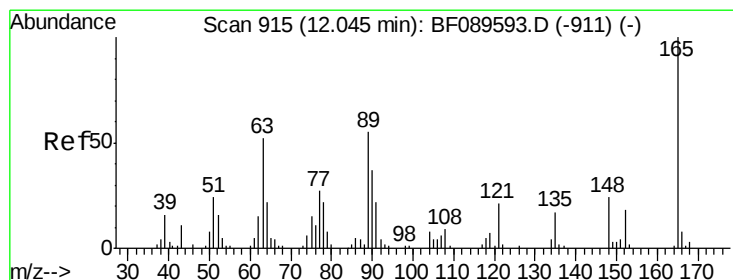
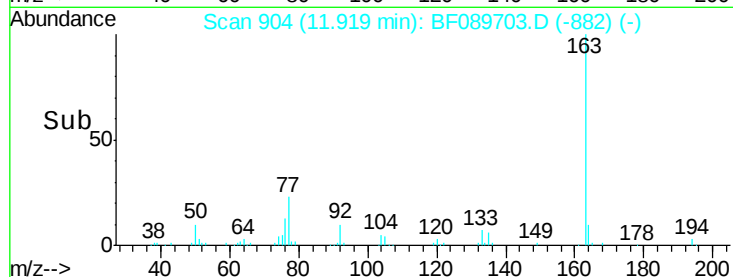
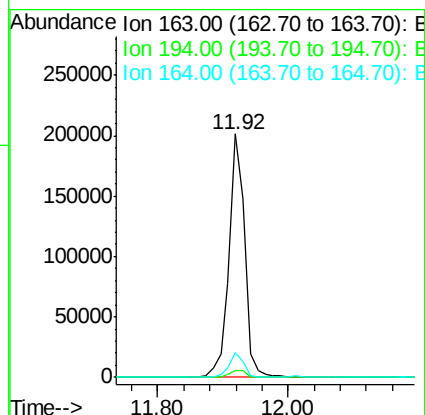
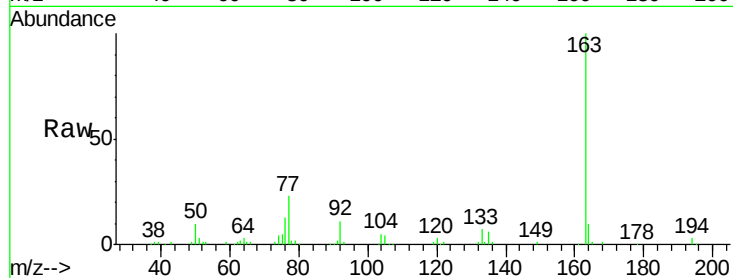




#49
Dimethylphthalate
Concen: 38.30 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

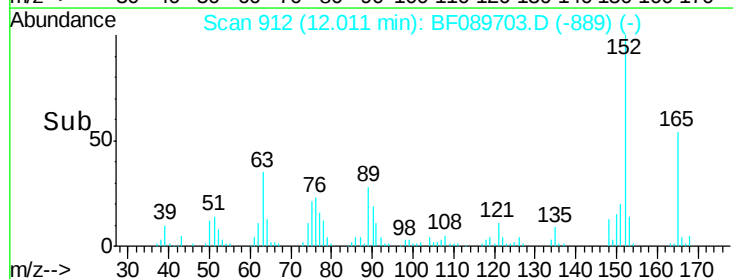
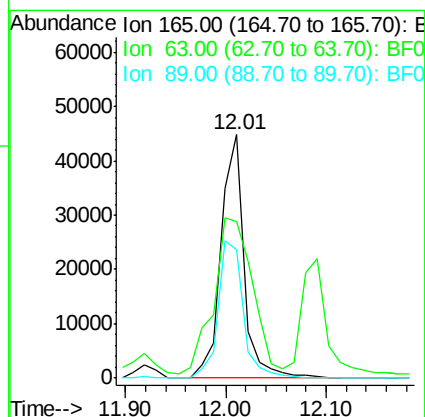
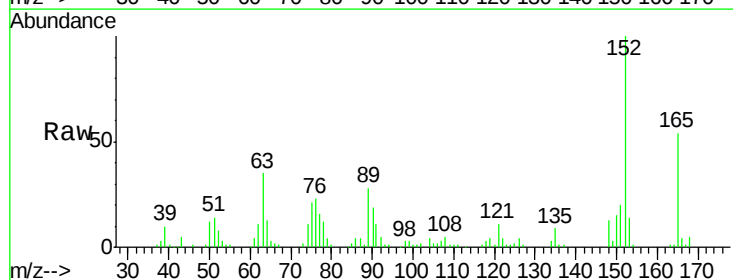
Instrument :
BNA_F
ClientSampleId :
PB92598BS

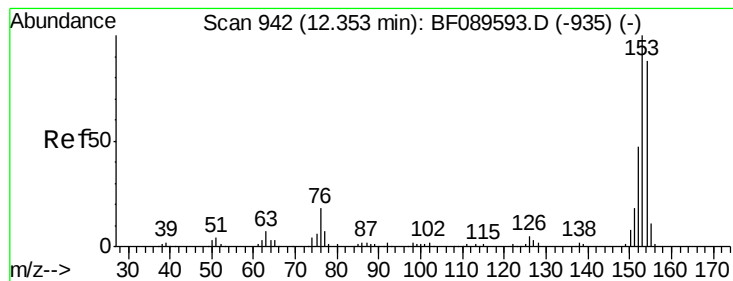
Tgt Ion:163 Resp: 335770
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.2 7.8 11.6



#50
2,6-Dinitrotoluene
Concen: 40.89 ng
RT: 12.01 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:165 Resp: 71282
Ion Ratio Lower Upper
165 100
63 64.3 44.6 67.0
89 52.7 44.2 66.2





#51

Acenaphthene

Concen: 36.36 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

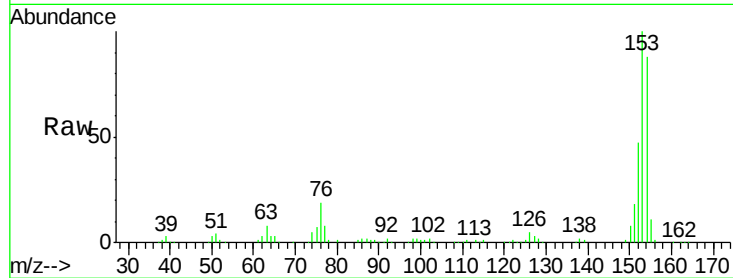
Tgt Ion:154 Resp: 261655

Ion Ratio Lower Upper

154 100

153 113.8 91.1 136.7

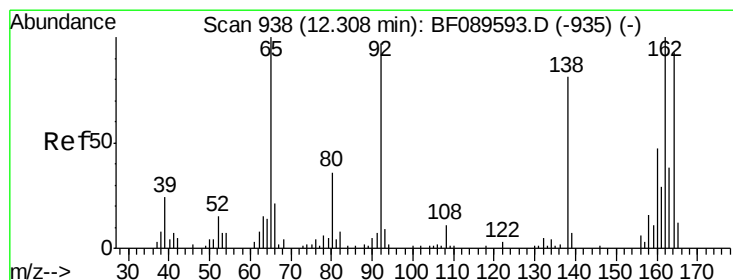
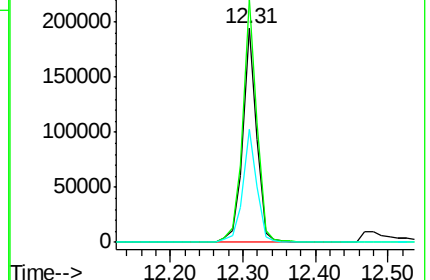
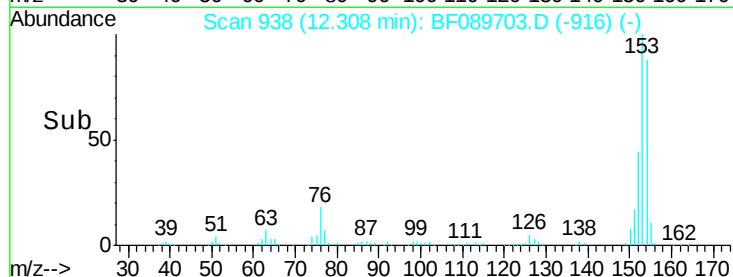
152 53.0 43.5 65.3



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: 16.47 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

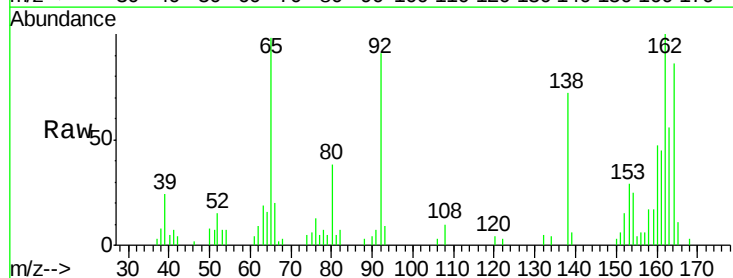
Tgt Ion:138 Resp: 34341

Ion Ratio Lower Upper

138 100

108 13.4 10.7 16.1

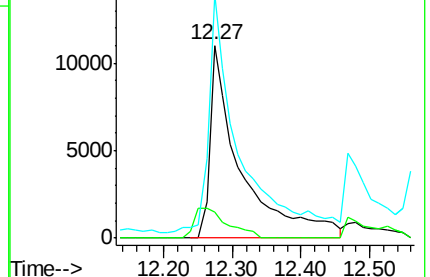
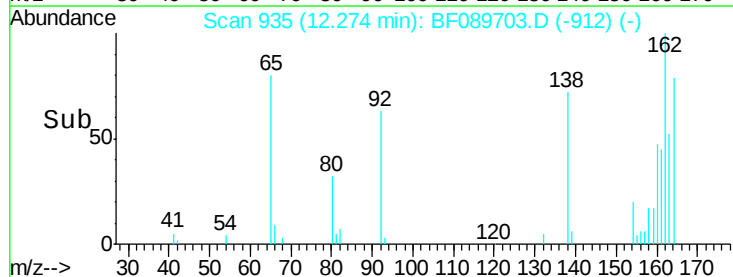
92 126.3 96.6 145.0

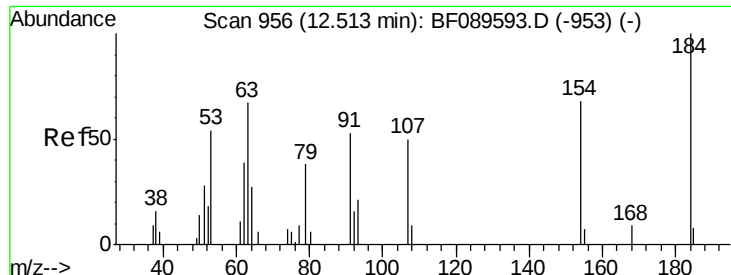


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

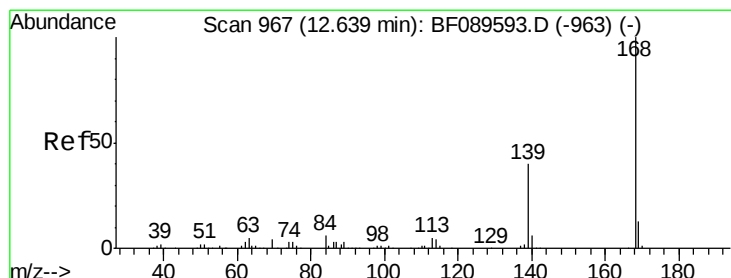
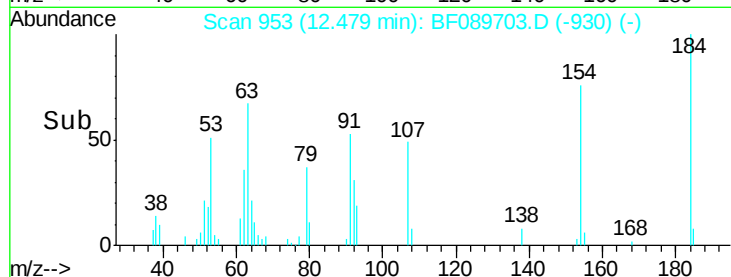
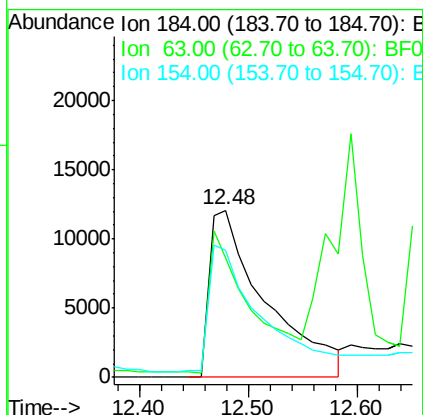
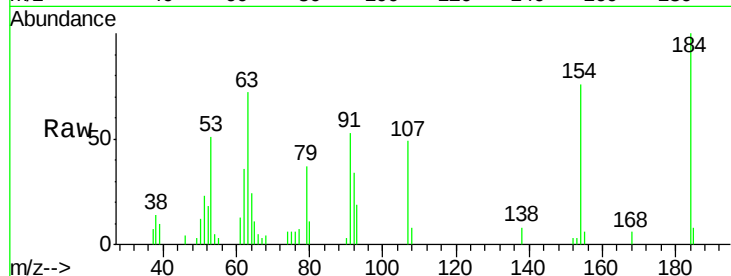




#53
 2,4-Dinitrophenol
 Concen: 62.31 ng
 RT: 12.48 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

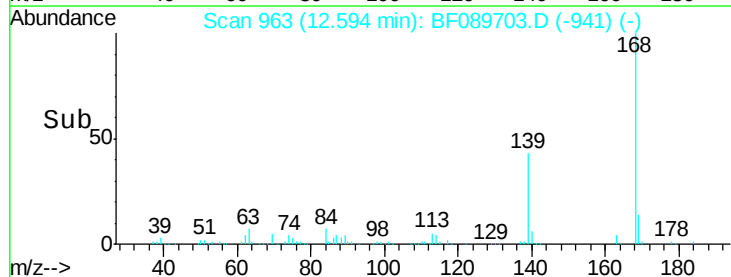
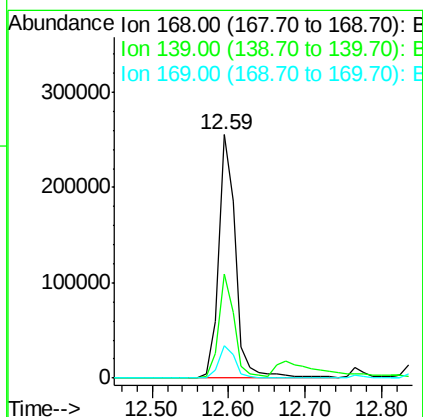
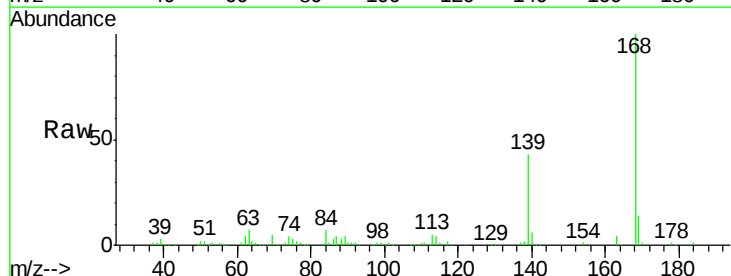
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

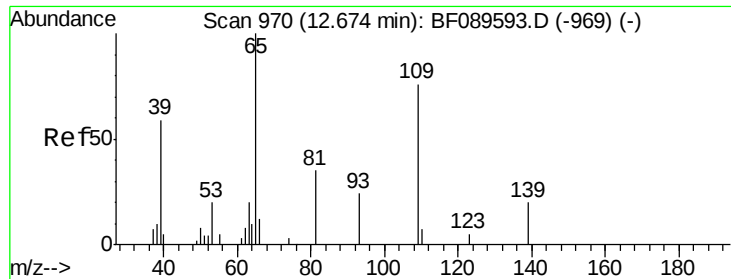
Tgt Ion:184 Resp: 43474
 Ion Ratio Lower Upper
 184 100
 63 71.5 59.0 88.6
 154 76.1 60.0 90.0



#54
 Dibenzofuran
 Concen: 40.08 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:168 Resp: 396444
 Ion Ratio Lower Upper
 168 100
 139 42.7 32.3 48.5
 169 13.5 10.6 15.8

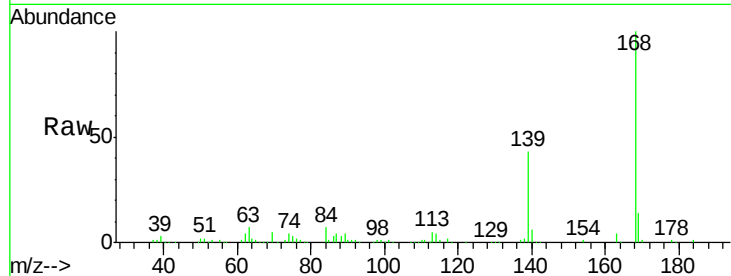




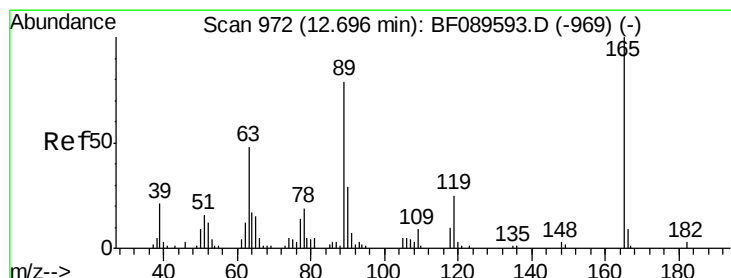
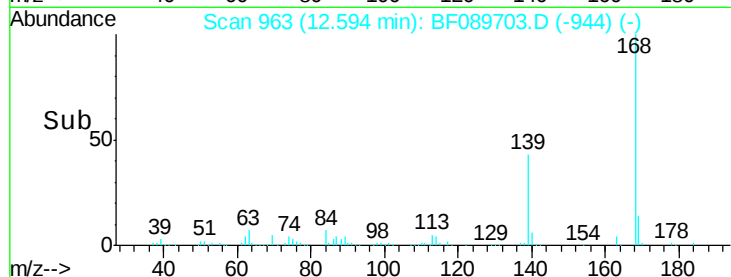
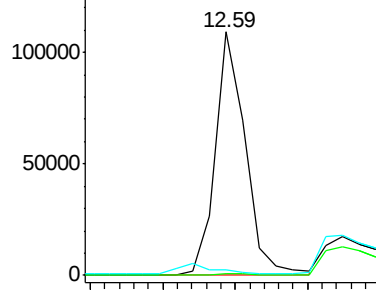
#55
 4-Nitrophenol
 Concen: Below Cal
 RT: 12.59 min Scan# 963
 Delta R.T. -0.08 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156198		
109	0.9	28.9	68.9#	
65	2.1	49.2	89.2#	

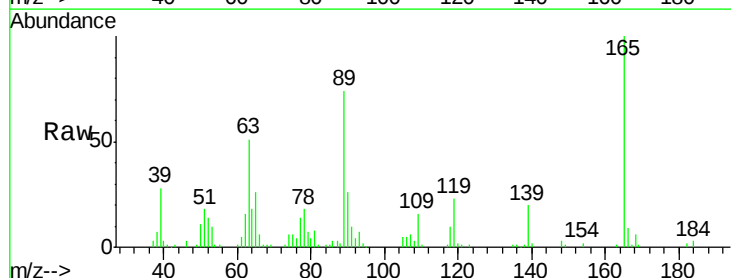


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

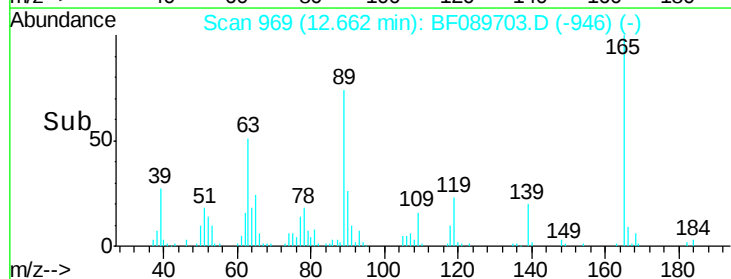
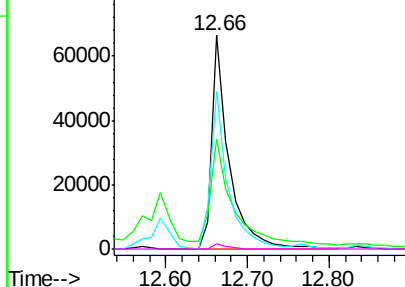


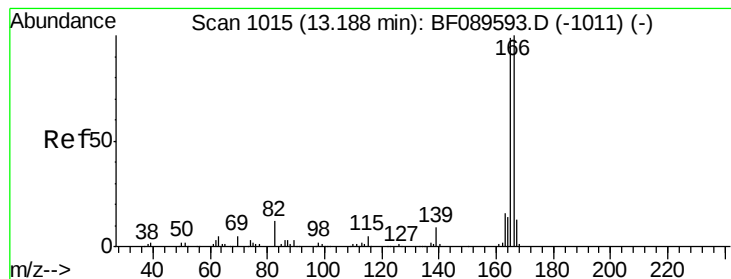
#56
 2,4-Dinitrotoluene
 Concen: 40.48 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99251		
63	51.3	42.2	63.4	
89	73.9	64.4	96.6	
182	2.4	2.1	3.1	



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.45 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

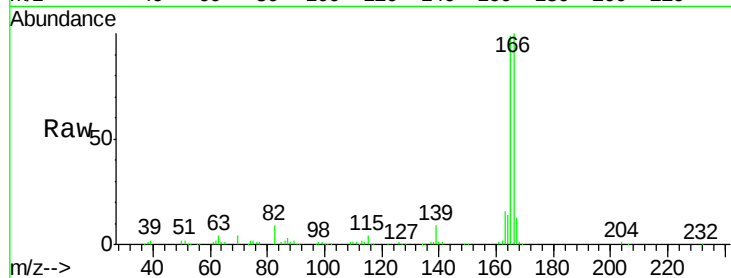
Tgt Ion:166 Resp: 325140

Ion Ratio Lower Upper

166 100

165 99.0 78.9 118.3

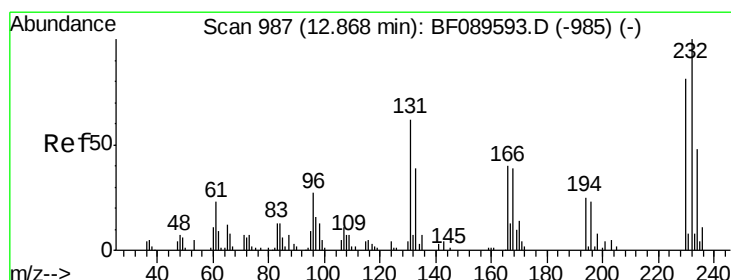
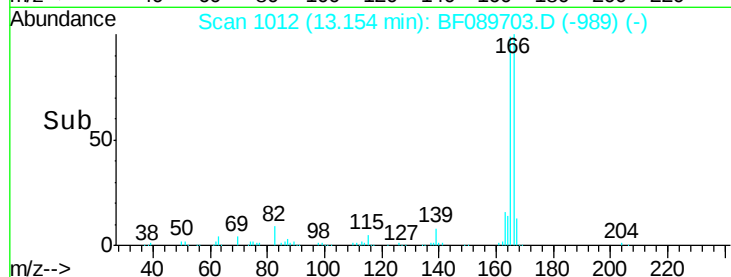
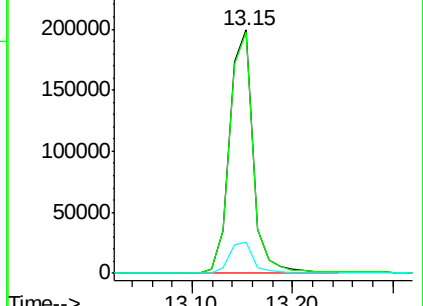
167 12.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.19 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Tgt Ion:232 Resp: 69302

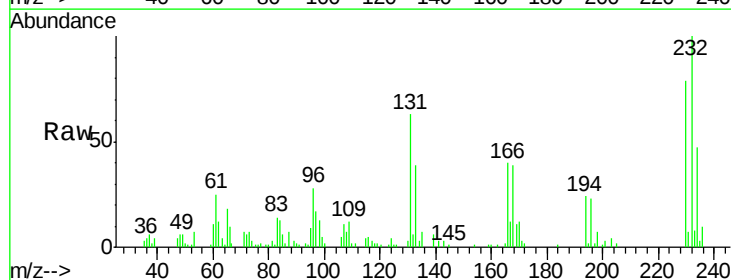
Ion Ratio Lower Upper

232 100

131 52.9 46.2 69.2

130 1.8 1.7 2.5

166 37.4 29.2 43.8

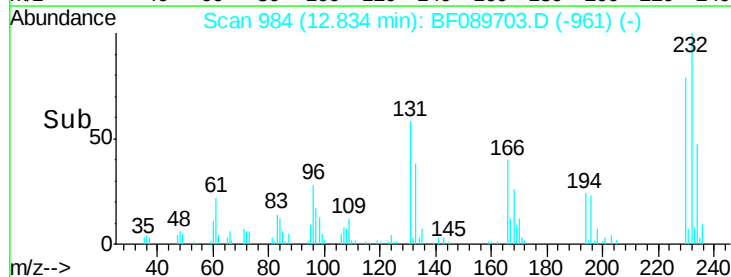
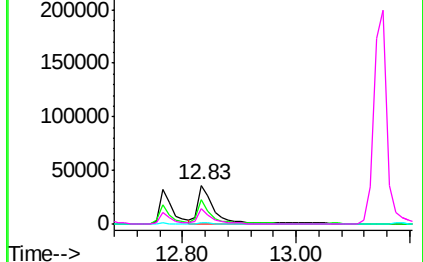


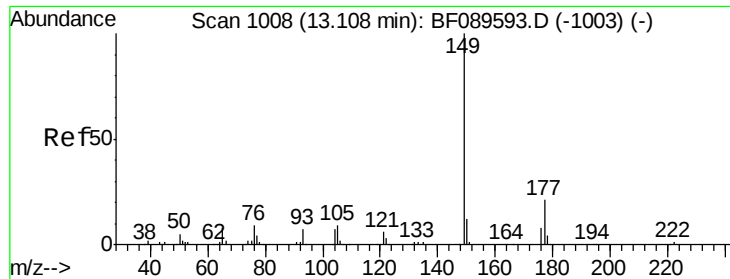
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

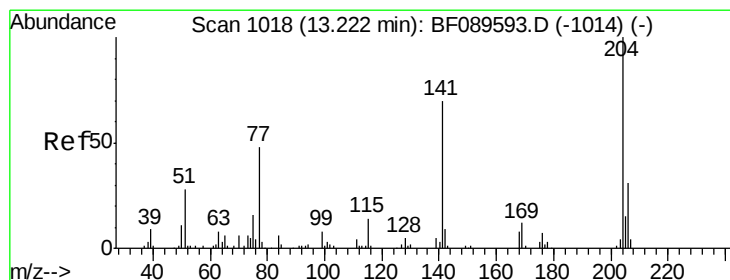
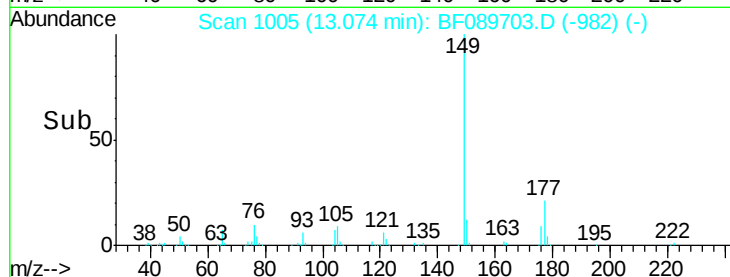
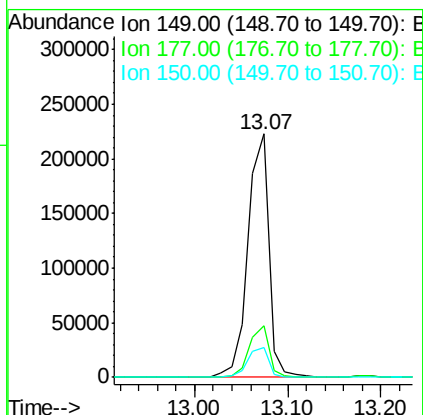
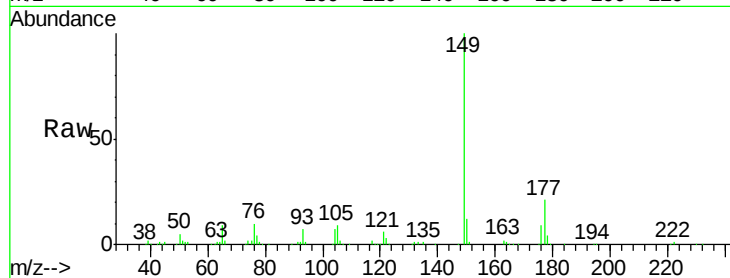




#59
Diethylphthalate
Concen: 38.43 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

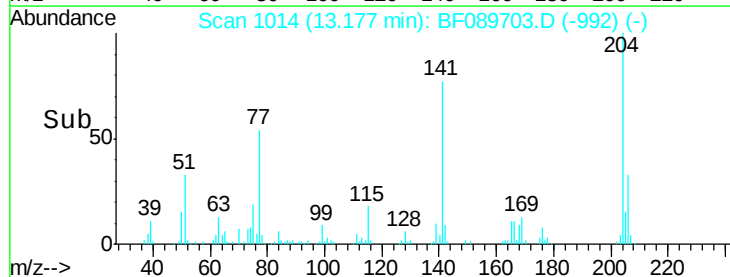
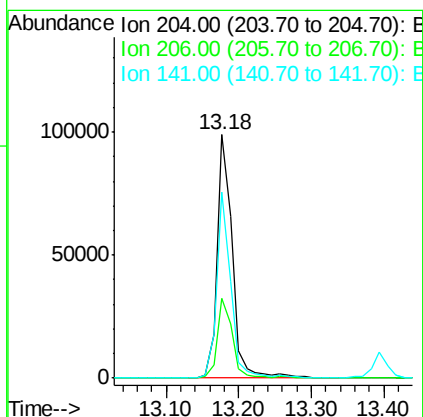
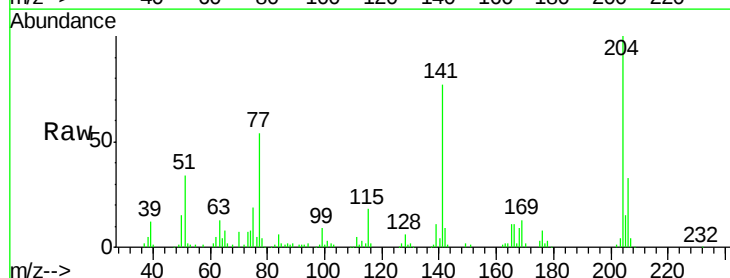
Instrument :
BNA_F
ClientSampleId :
PB92598BS

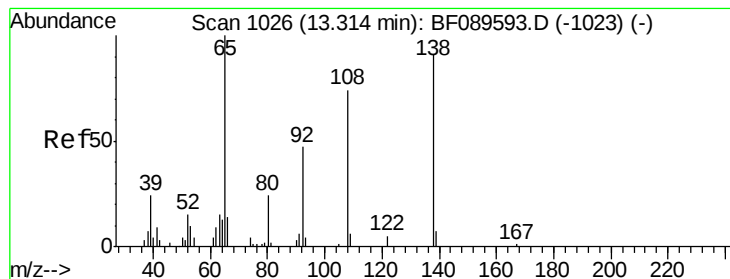
Tgt Ion:149 Resp: 348416
Ion Ratio Lower Upper
149 100
177 21.4 16.8 25.2
150 12.2 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 37.08 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:204 Resp: 143778
Ion Ratio Lower Upper
204 100
206 32.6 25.0 37.4
141 76.6 56.2 84.4





#61

4-Nitroaniline

Concen: 34.56 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

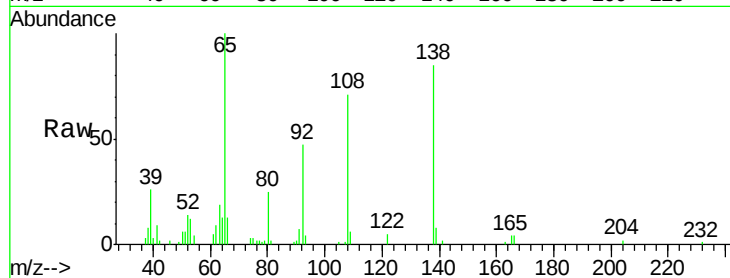
Tgt Ion:138 Resp: 64778

Ion Ratio Lower Upper

138 100

92 55.5 31.6 71.6

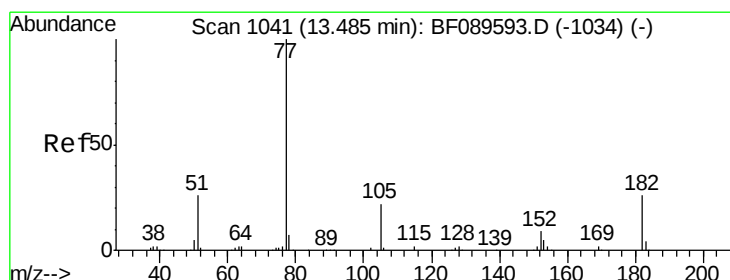
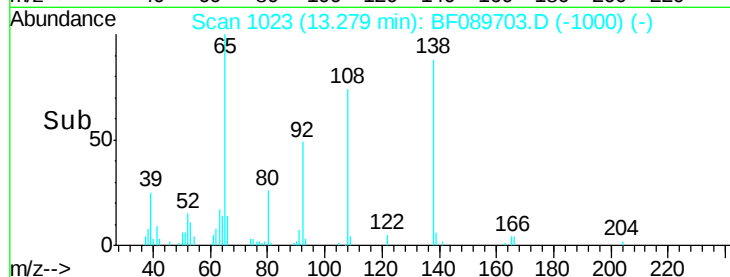
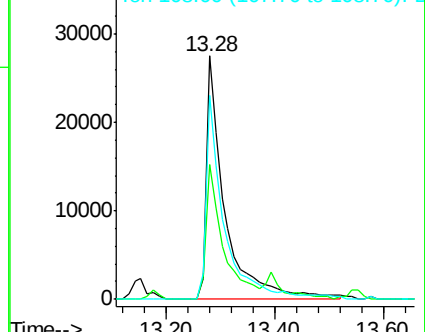
108 83.7 61.5 101.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.10 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Tgt Ion: 77 Resp: 377950

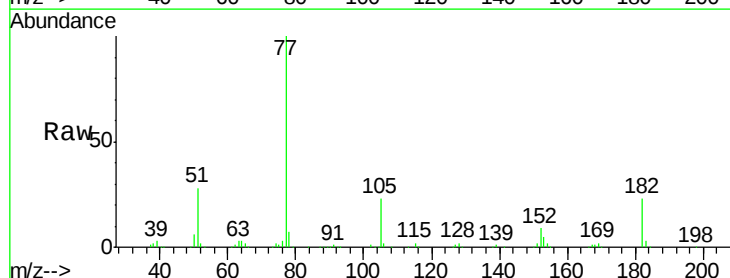
Ion Ratio Lower Upper

77 100

182 23.1 5.8 45.8

105 22.5 2.9 42.9

51 27.8 7.2 47.2

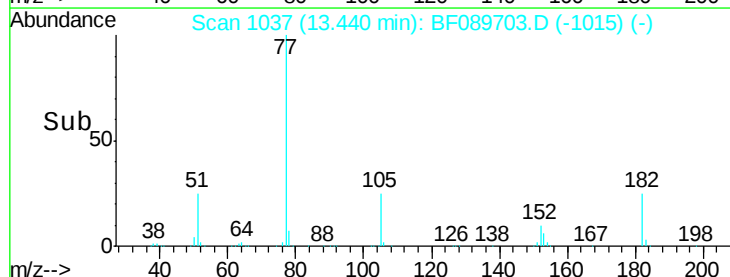
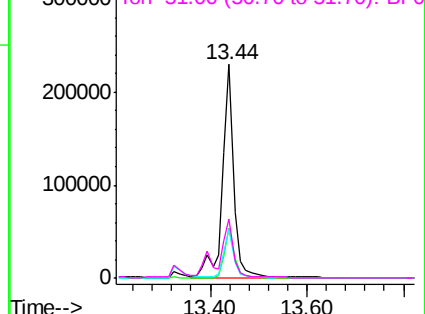


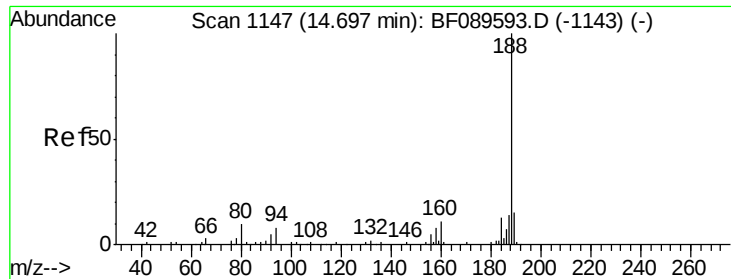
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

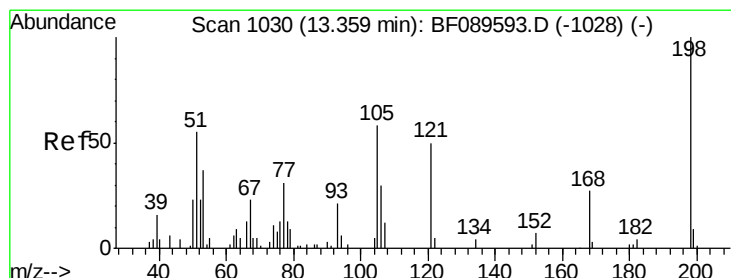
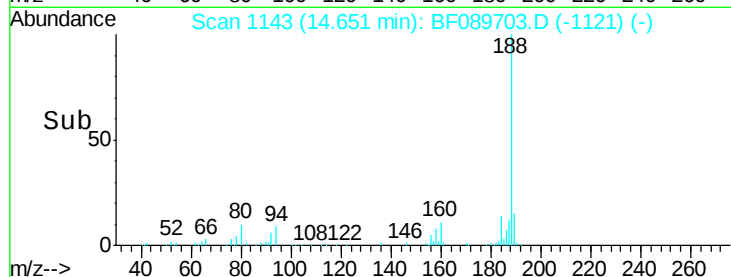
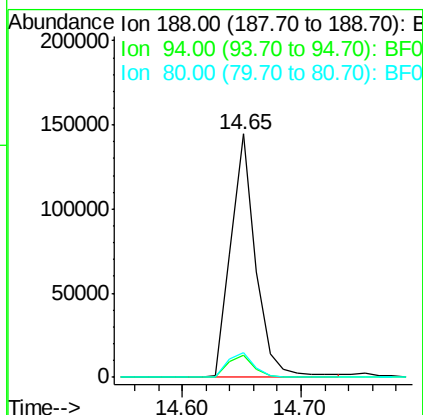
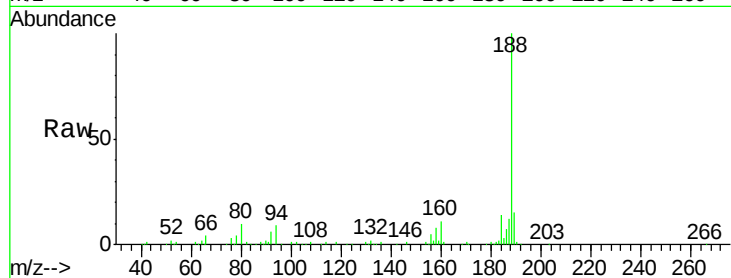




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

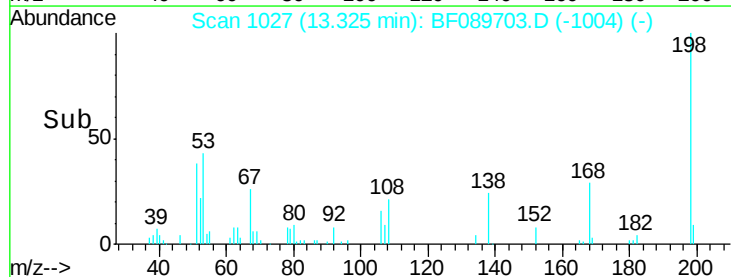
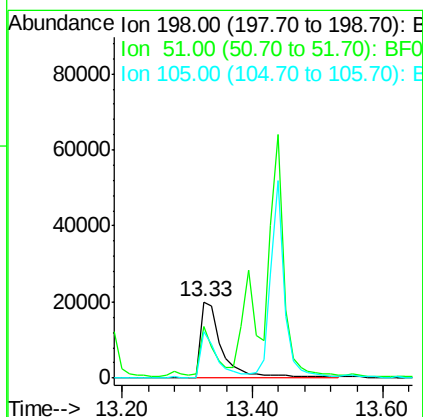
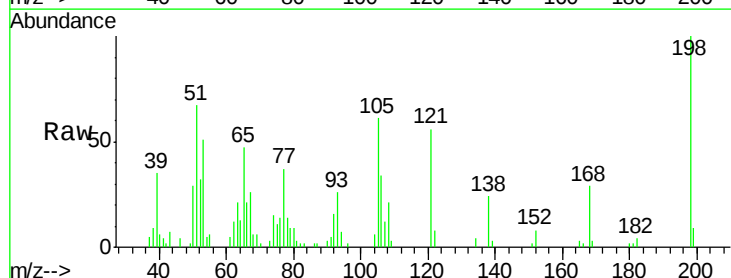
Instrument :
BNA_F
ClientSampleId :
PB92598BS

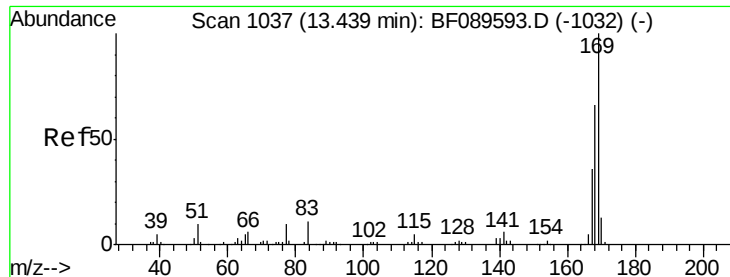
Tgt Ion:188 Resp: 211747
Ion Ratio Lower Upper
188 100
94 9.0 6.5 9.7
80 10.1 8.0 12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 36.92 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:198 Resp: 46034
Ion Ratio Lower Upper
198 100
51 67.4 38.9 78.9
105 61.3 38.1 78.1





#65

n-Nitrosodiphenylamine

Concen: 38.37 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

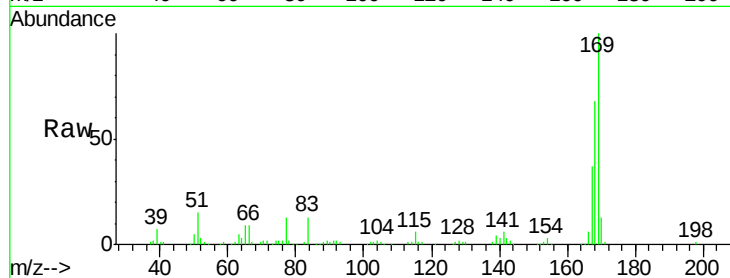
Tgt Ion:169 Resp: 274373

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

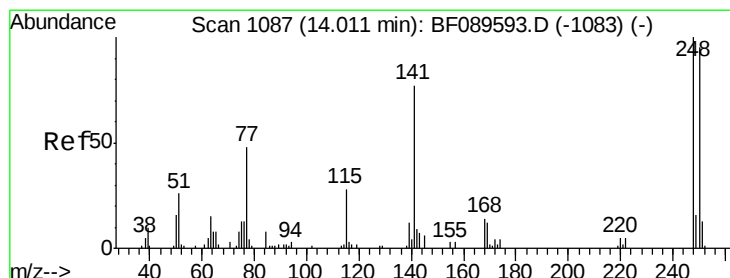
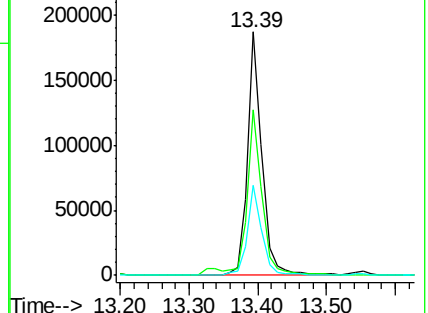
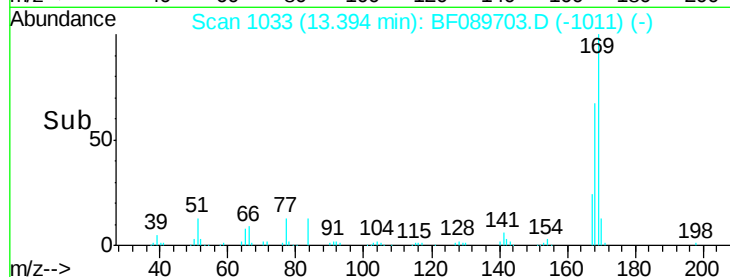
167 36.8 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.39 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

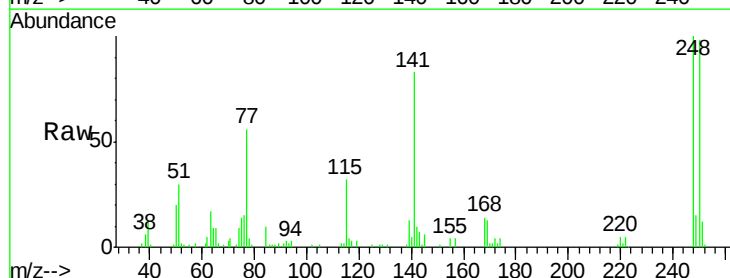
Tgt Ion:248 Resp: 82727

Ion Ratio Lower Upper

248 100

250 97.9 76.2 114.2

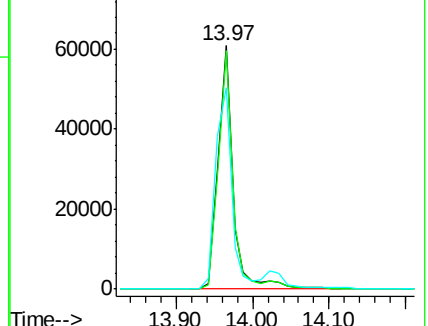
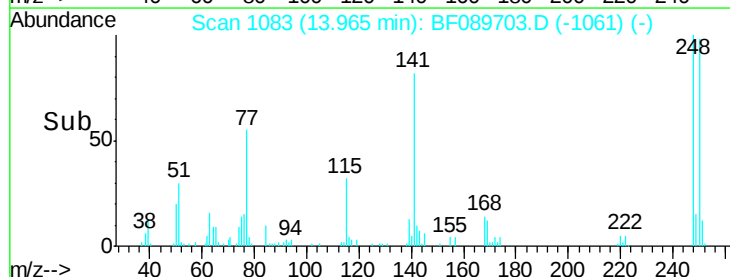
141 82.9 61.3 91.9

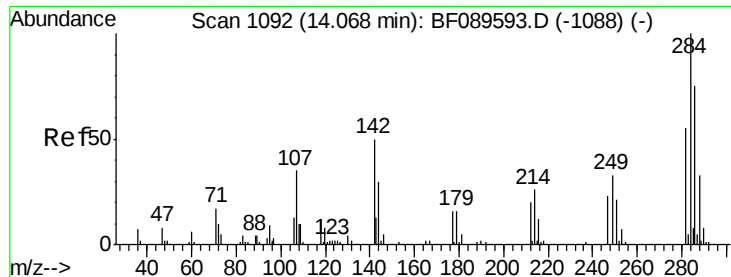


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.52 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

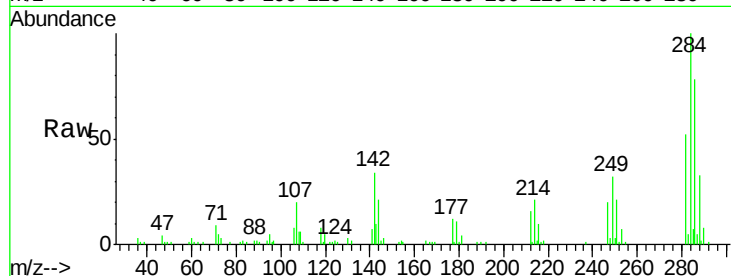
Tgt Ion:284 Resp: 82282

Ion Ratio Lower Upper

284 100

142 34.5 41.4 62.0#

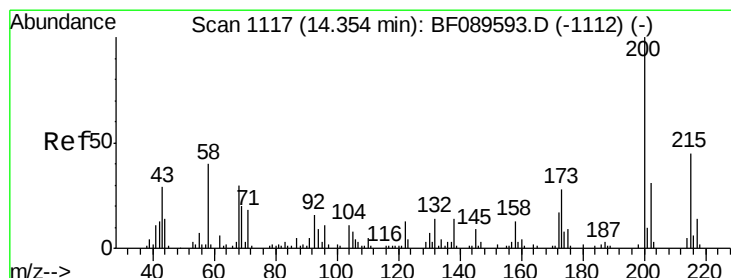
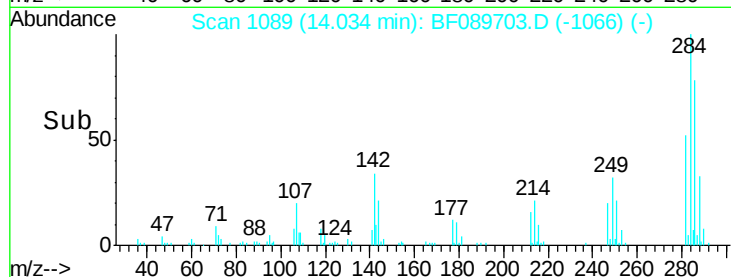
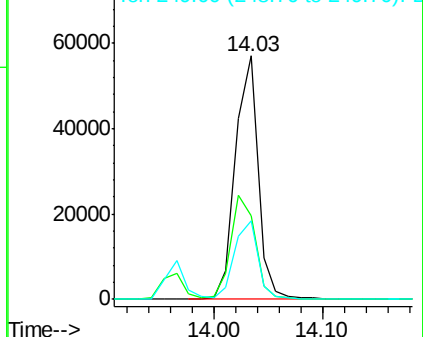
249 32.0 28.6 43.0



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: 43.81 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

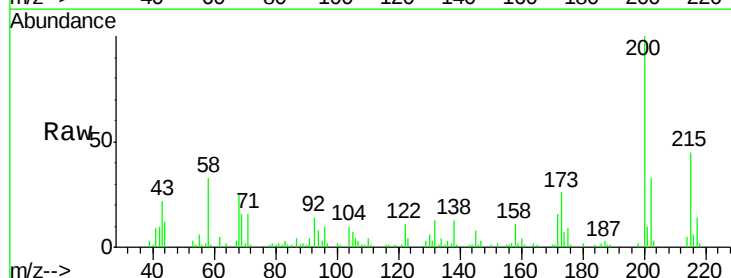
Tgt Ion:200 Resp: 87476

Ion Ratio Lower Upper

200 100

173 26.0 8.2 48.2

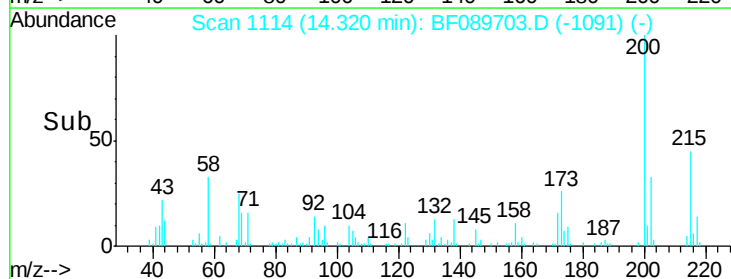
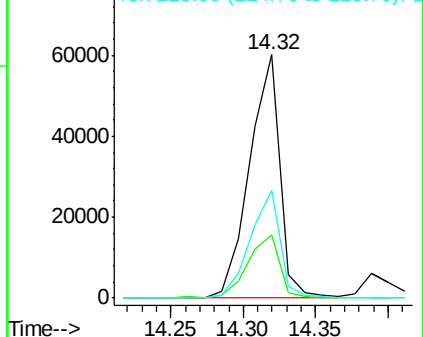
215 44.6 24.9 64.9

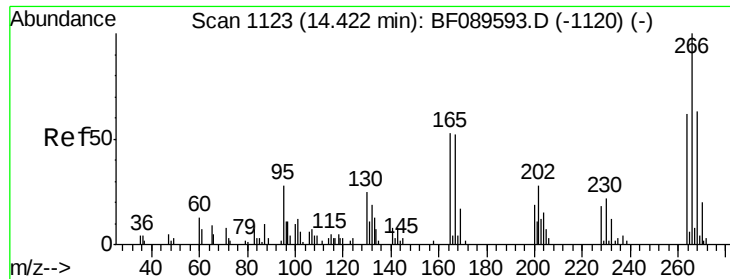


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

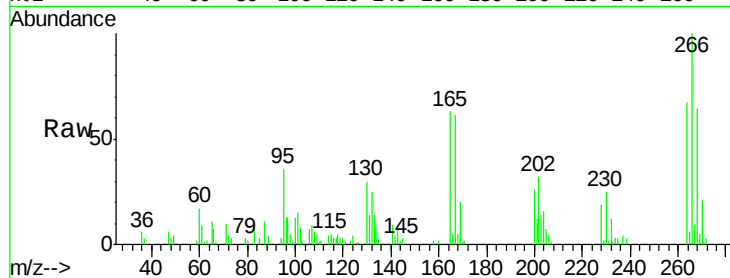




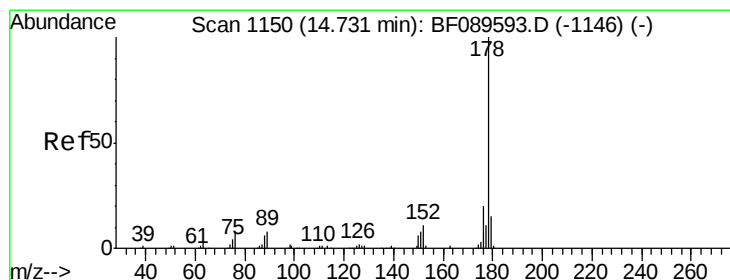
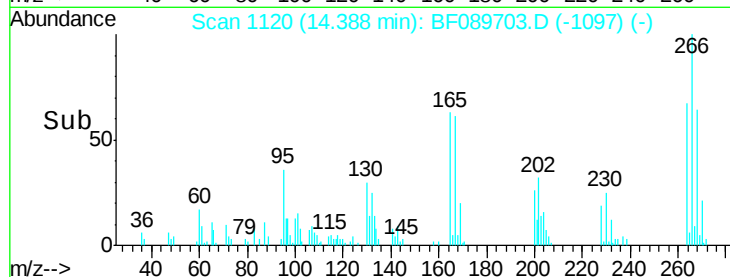
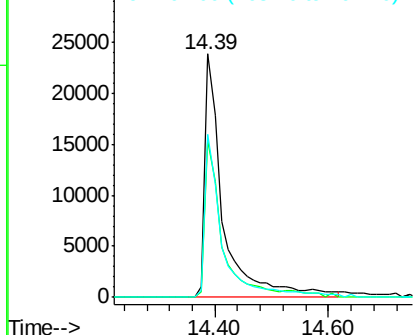
#69
 Pentachlorophenol
 Concen: 55.50 ng
 RT: 14.39 min Scan# 1120
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion:266 Resp: 52246
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.6 75.8
 264 66.8 49.5 74.3

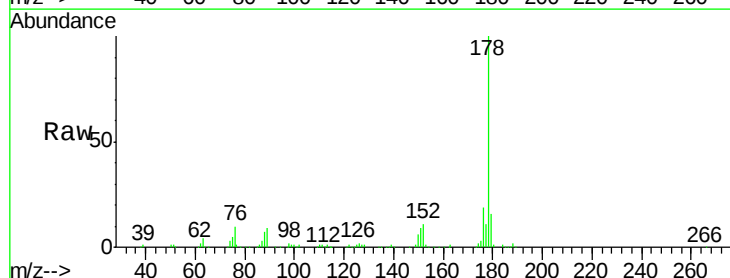


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

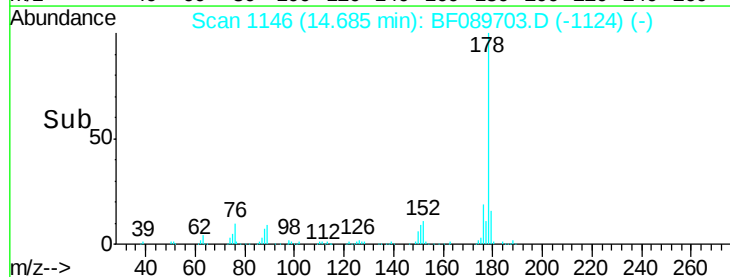
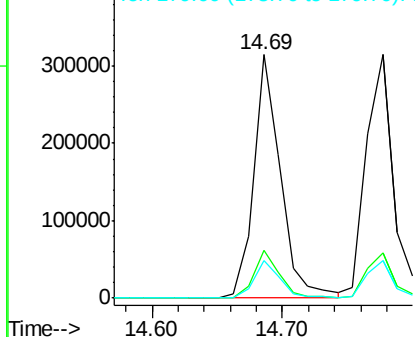


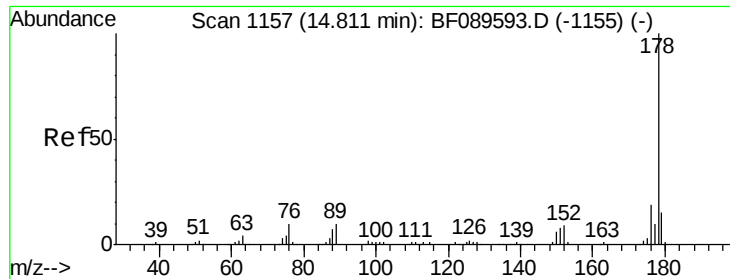
#70
 Phenanthrene
 Concen: 39.27 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. -0.05 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:178 Resp: 452090
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 15.6 12.2 18.2



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

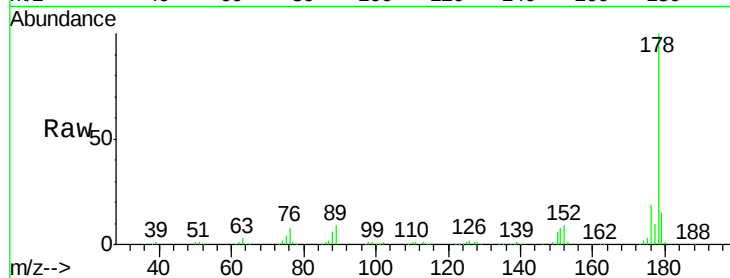




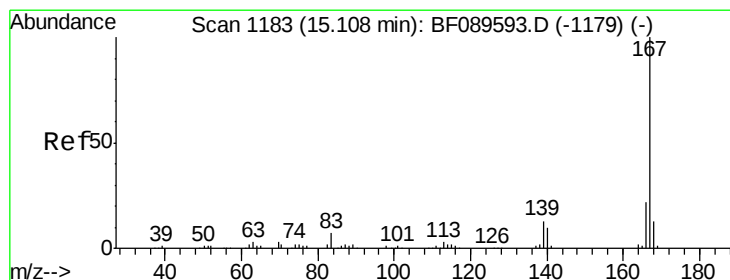
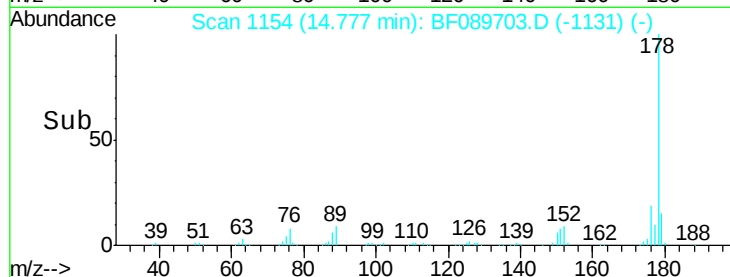
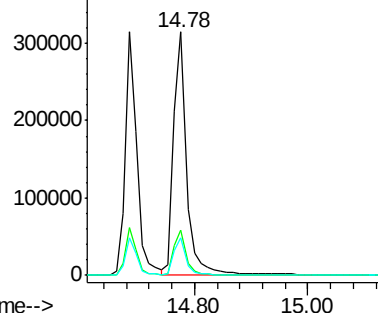
#71
 Anthracene
 Concen: 39.09 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion:178 Resp: 482573
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.2 12.4 18.6

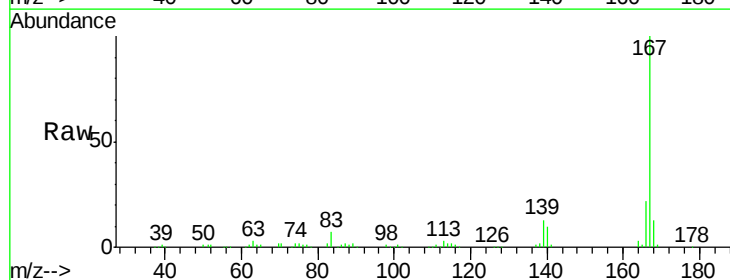


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

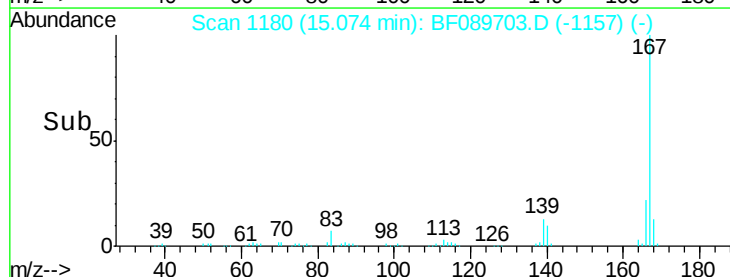
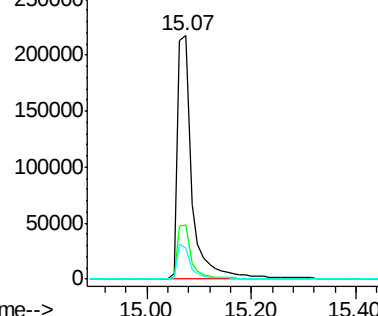


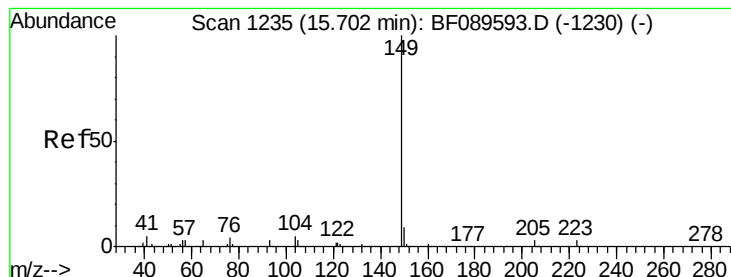
#72
 Carbazole
 Concen: 41.29 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion:167 Resp: 424806
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.8 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.83 ng

RT: 15.66 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

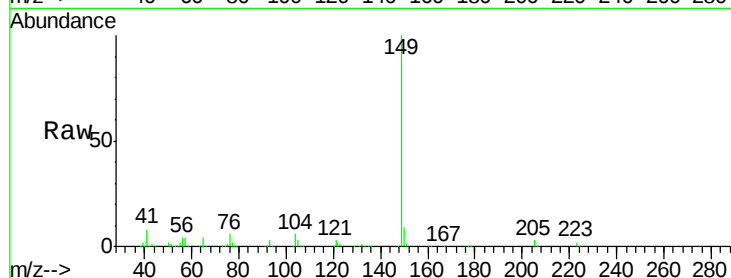
Tgt Ion:149 Resp: 540229

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

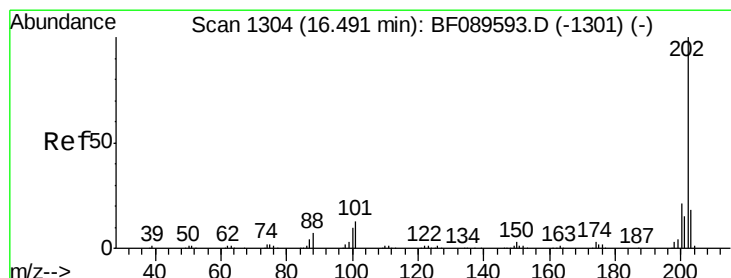
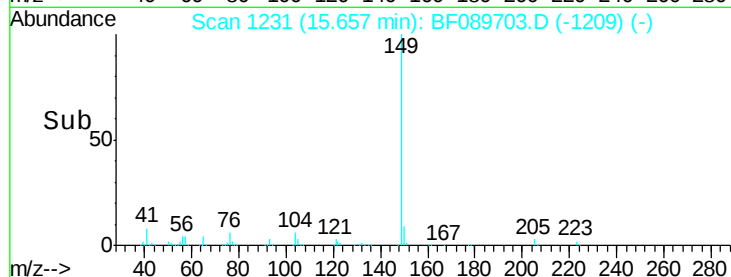
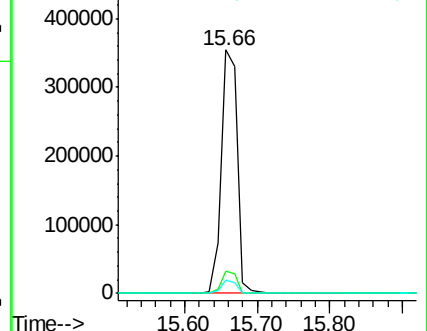
104 5.7 3.8 5.8



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: 39.23 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

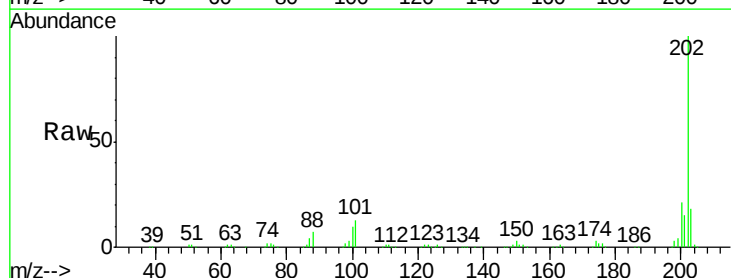
Tgt Ion:202 Resp: 464361

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.7

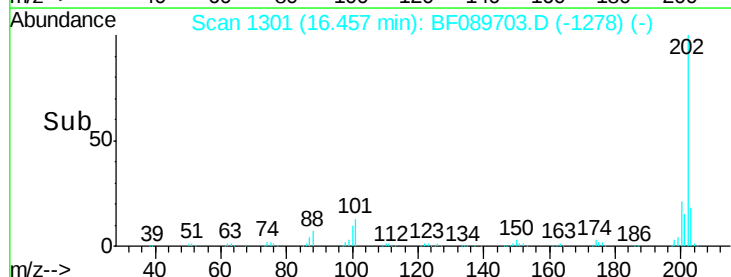
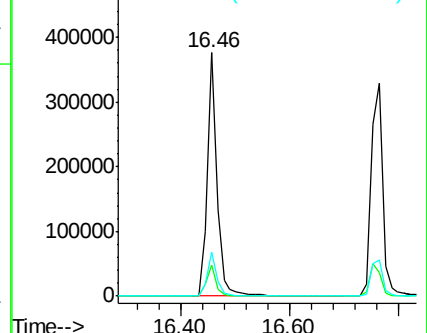
203 17.9 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

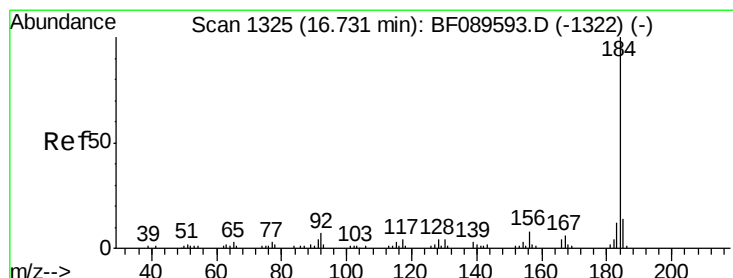
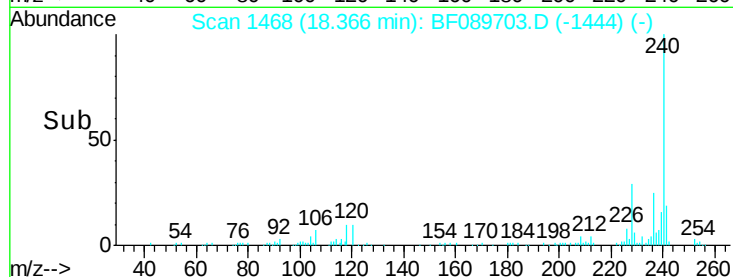
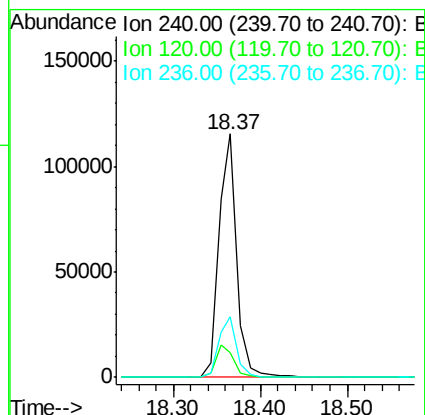
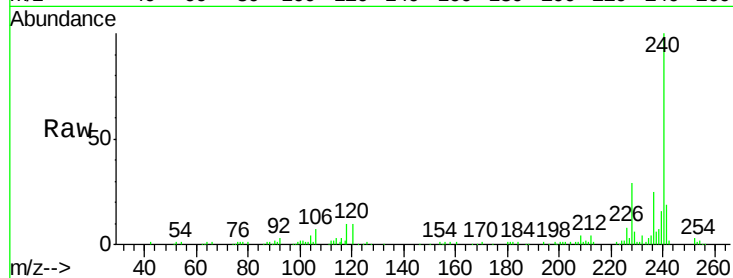




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

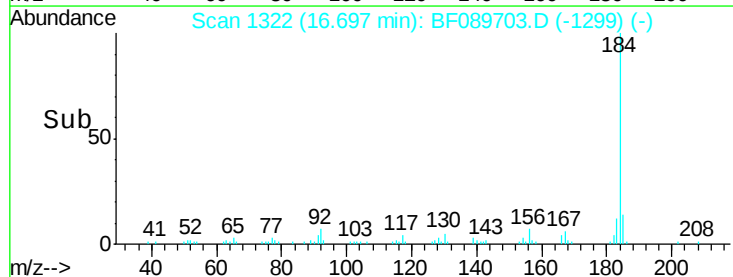
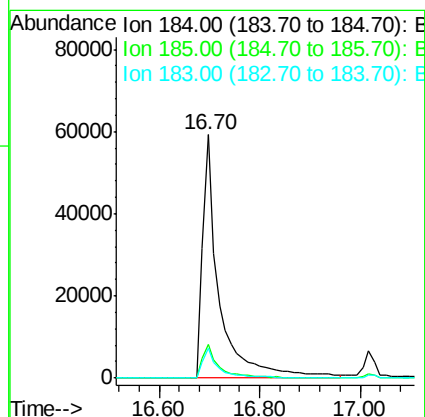
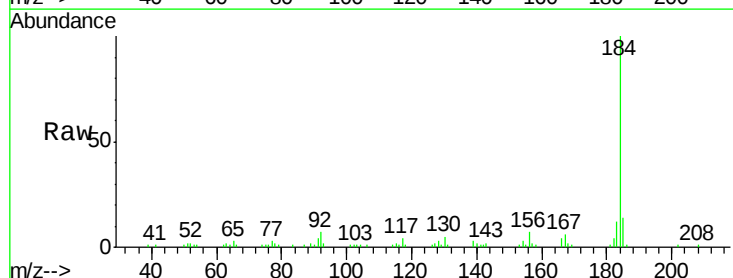
Instrument :
BNA_F
ClientSampleId :
PB92598BS

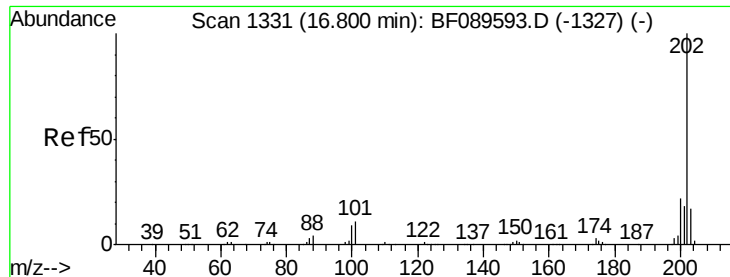
Tgt Ion:240 Resp: 166109
Ion Ratio Lower Upper
240 100
120 10.3 10.6 15.8#
236 24.7 20.6 30.8



#76
Benzidine
Concen: 27.12 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:184 Resp: 136537
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 12.1 9.8 14.8

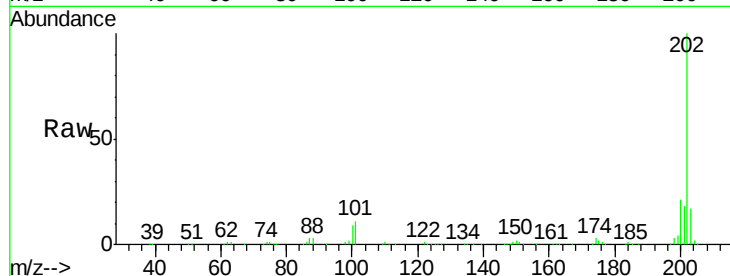




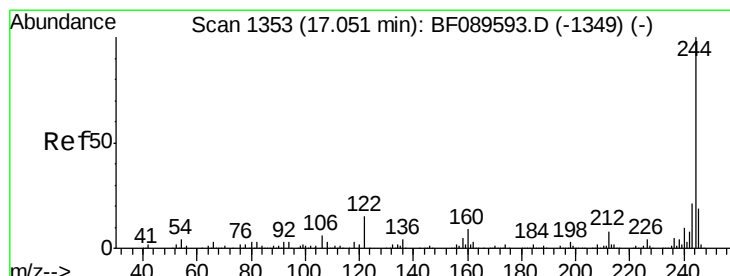
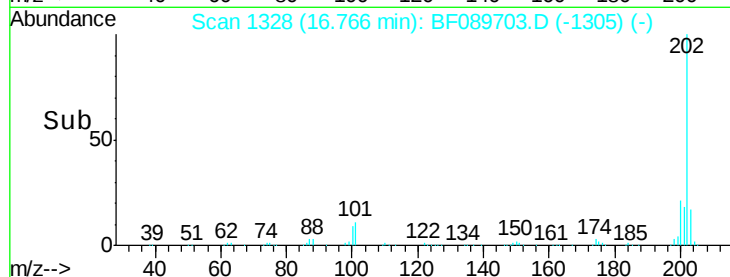
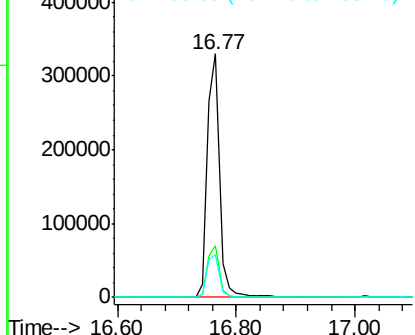
#77
 Pyrene
 Concen: 32.39 ng
 RT: 16.77 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

Tgt Ion: 202 Resp: 475690
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.0
 203 17.3 13.6 20.4

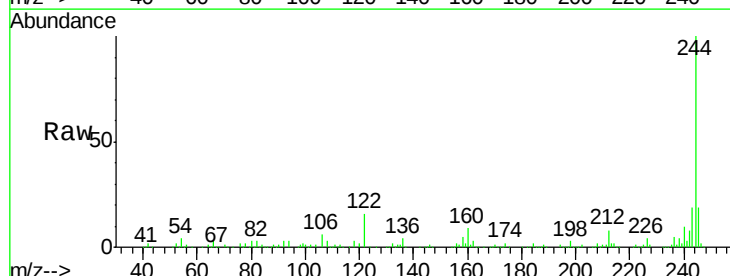


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

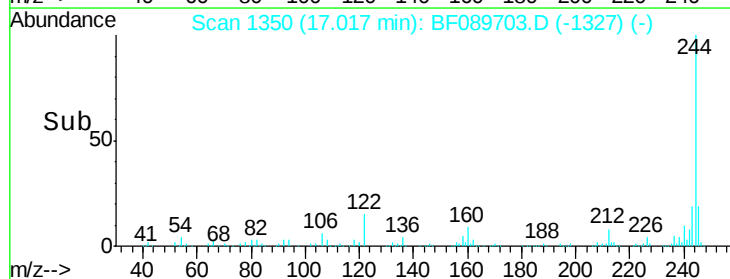
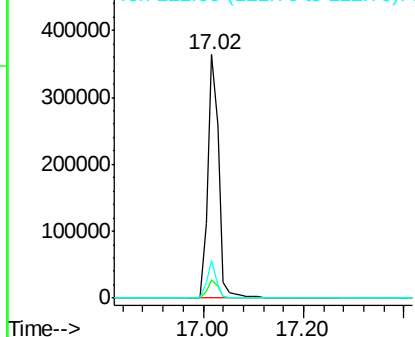


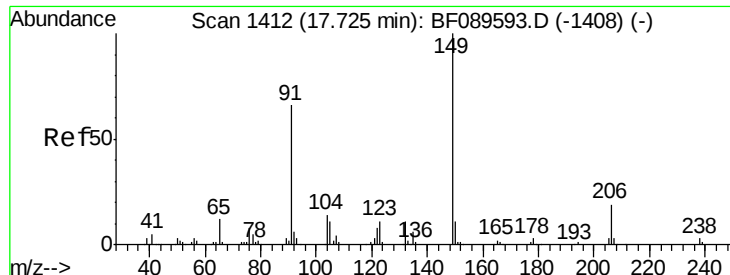
#78
 Terphenyl-d14
 Concen: 64.77 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion: 244 Resp: 544963
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 15.6 12.2 18.2



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

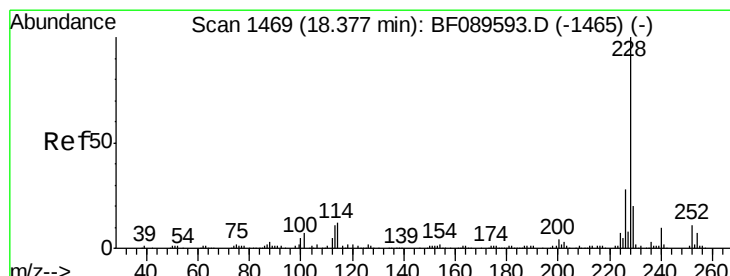
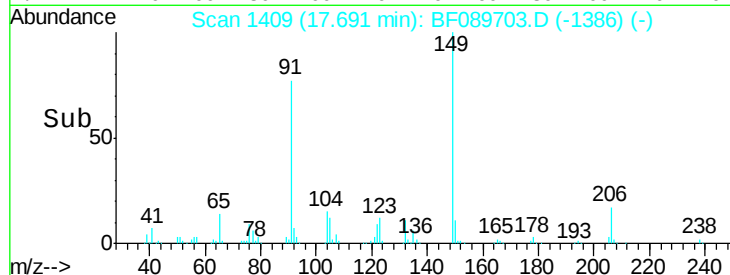
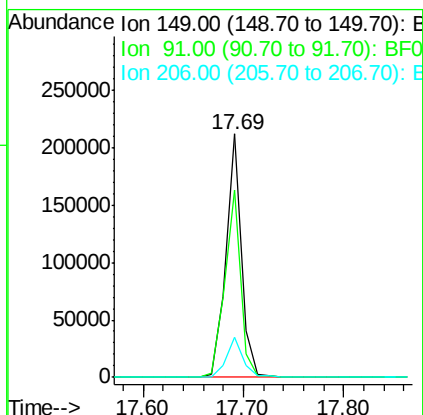
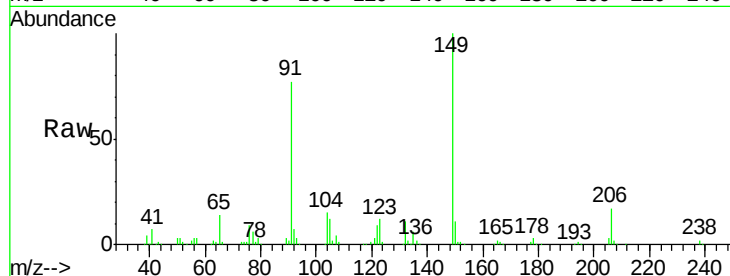




#79
Butylbenzylphthalate
Concen: 36.52 ng
RT: 17.69 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

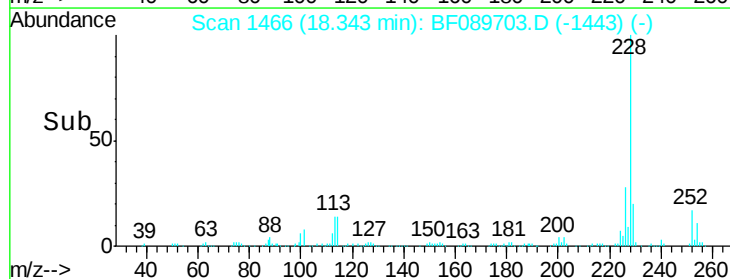
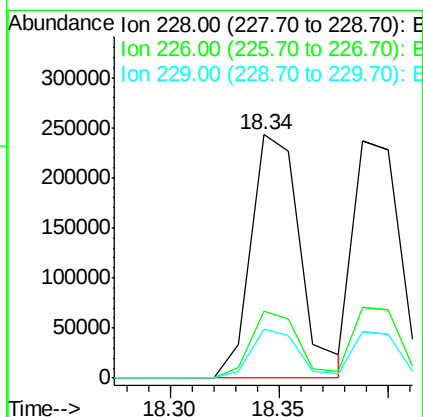
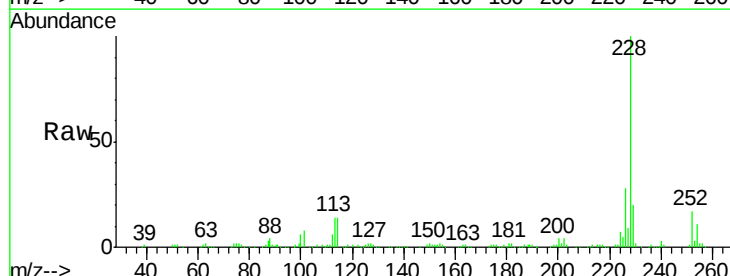
Instrument :
BNA_F
ClientSampleId :
PB92598BS

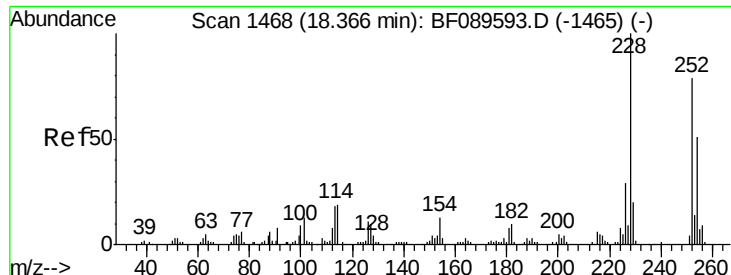
Tgt Ion:149 Resp: 228208
Ion Ratio Lower Upper
149 100
91 76.9 52.6 78.8
206 16.6 15.4 23.0



#80
Benzo(a)anthracene
Concen: 40.38 ng
RT: 18.34 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion:228 Resp: 385411
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.9 15.9 23.9





#81

3,3'-Dichlorobenzidine

Concen: 24.43 ng

RT: 18.33 min Scan# 1465

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB92598BS

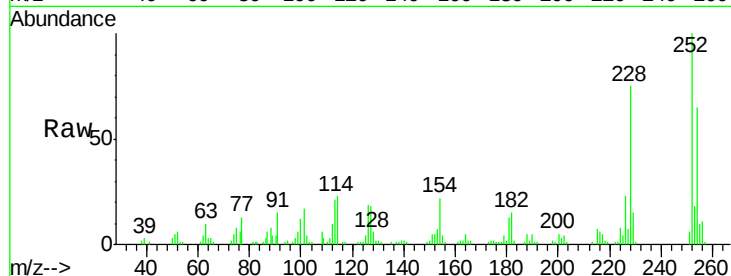
Tgt Ion:252 Resp: 73466

Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

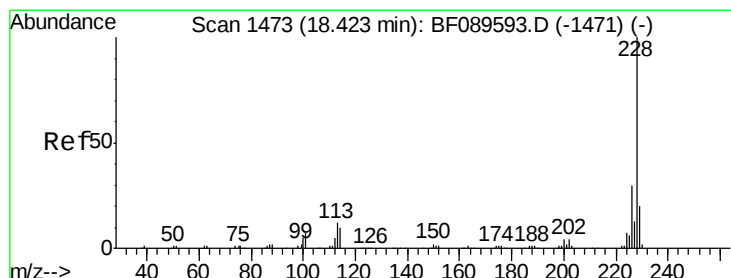
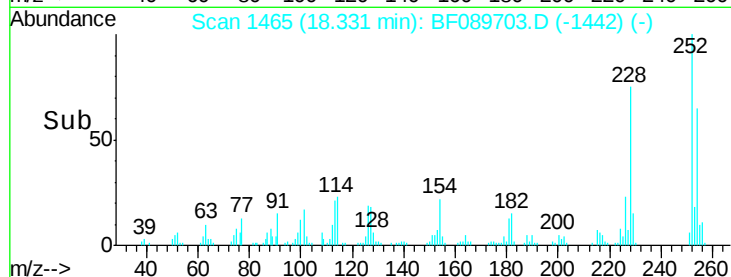
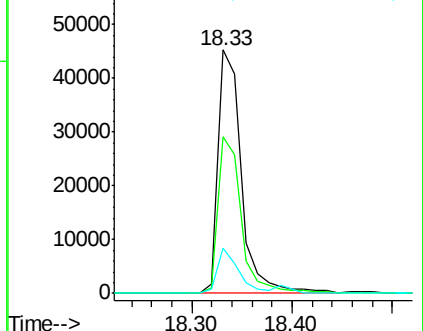
126 18.5 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.41 ng

RT: 18.39 min Scan# 1470

Delta R.T. -0.03 min

Lab File: BF089703.D

Acq: 10 Aug 2016 19:07

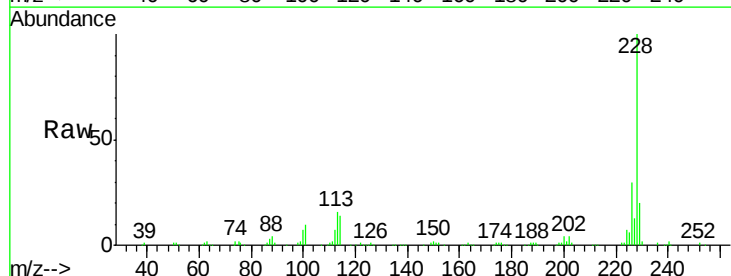
Tgt Ion:228 Resp: 374594

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

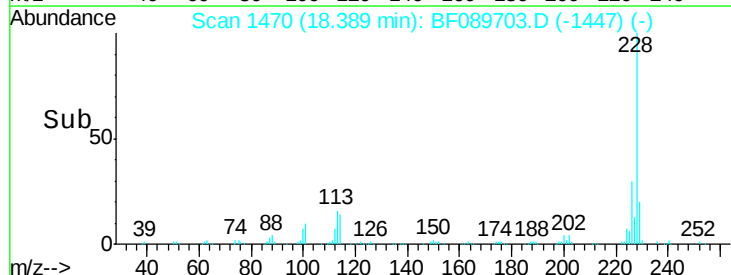
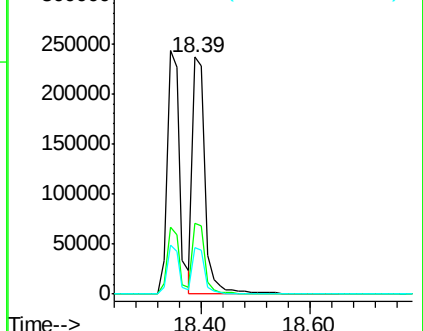
229 19.6 16.0 24.0

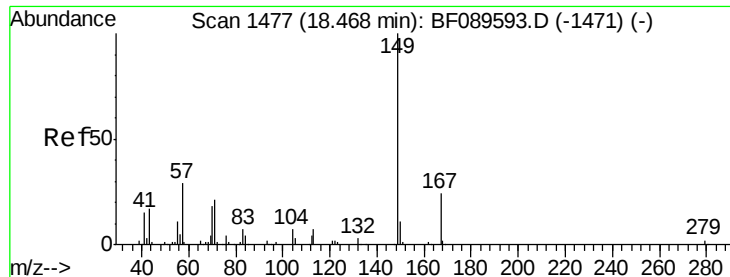


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

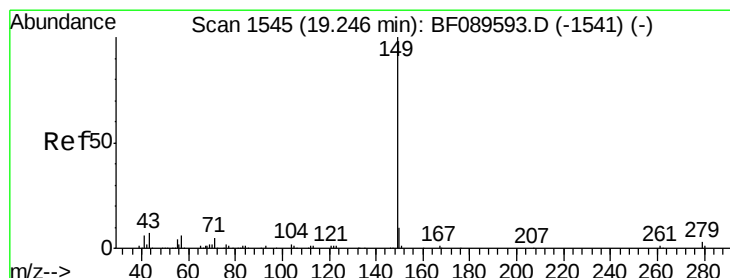
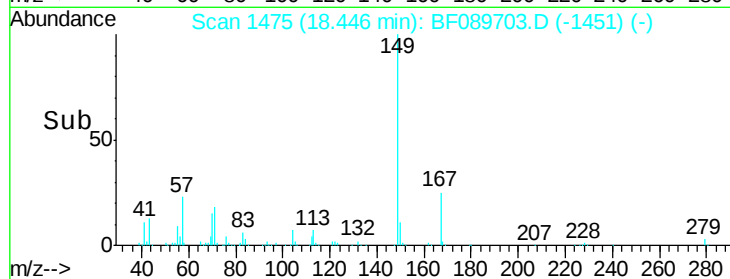
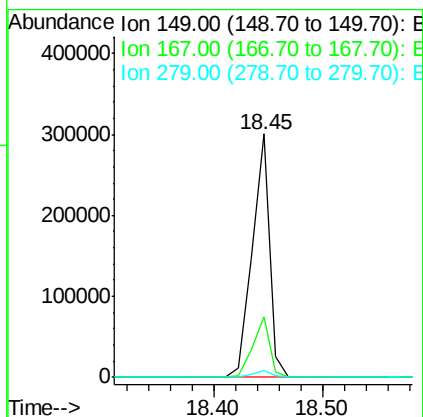
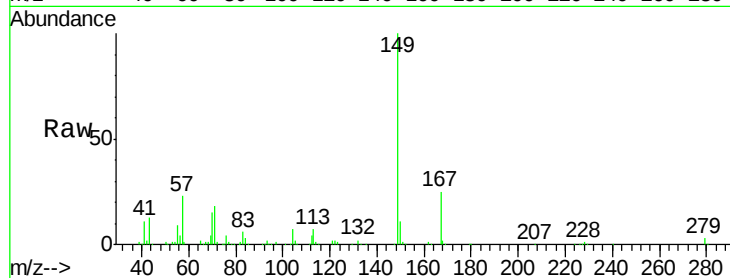




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.74 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

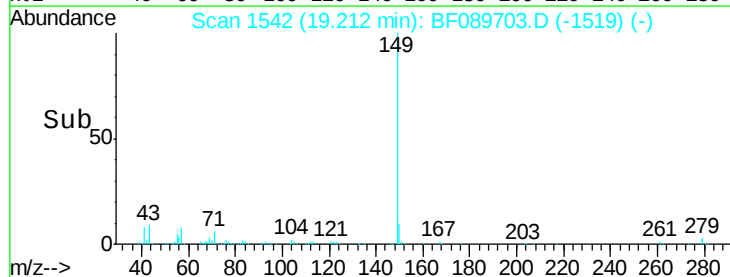
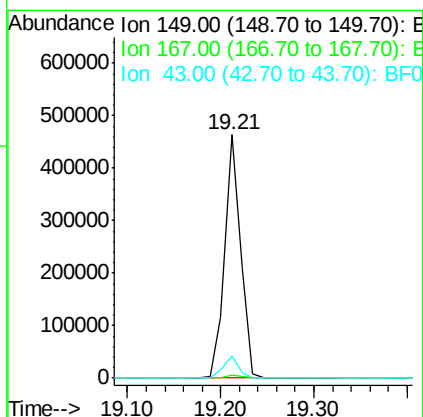
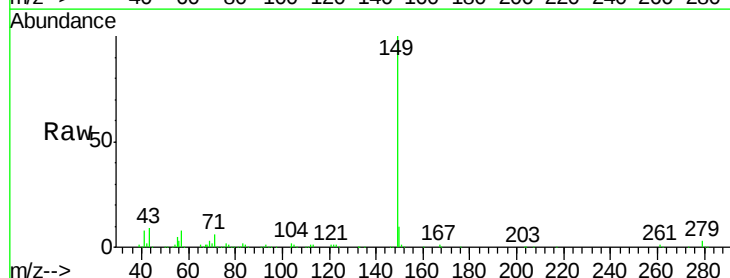
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

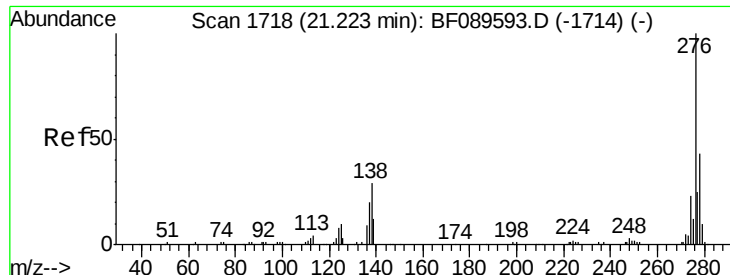
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.0	28.4
279	2.9	1.8	2.6#



#84
 Di-n-octyl phthalate
 Concen: 44.38 ng
 RT: 19.21 min Scan# 1542
 Delta R.T. -0.03 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	8.8	7.0	10.4

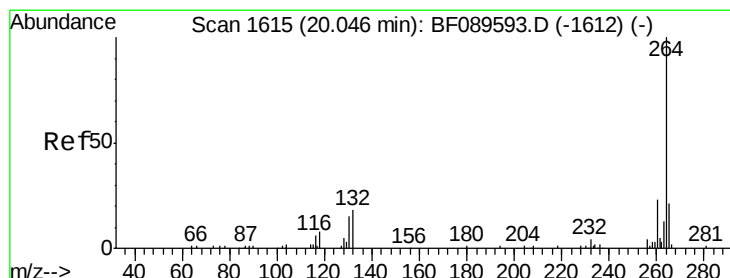
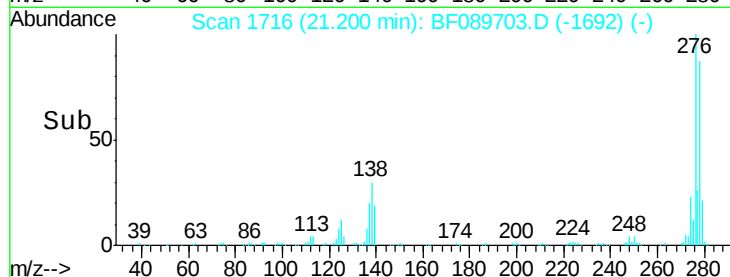
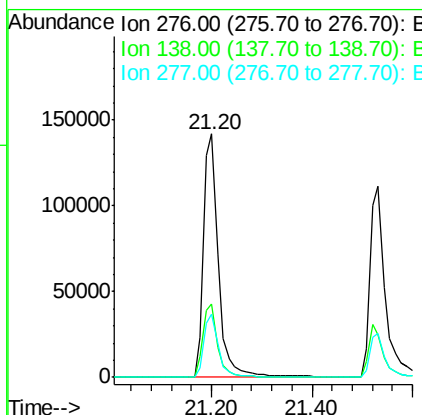
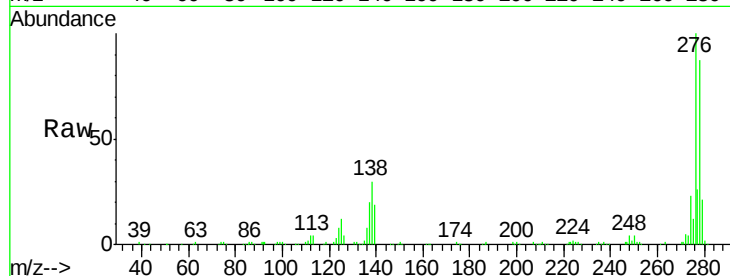




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.65 ng
 RT: 21.20 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

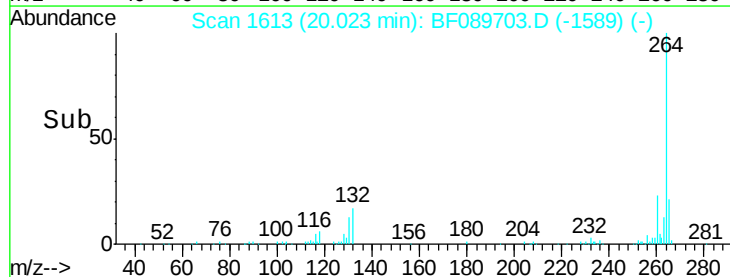
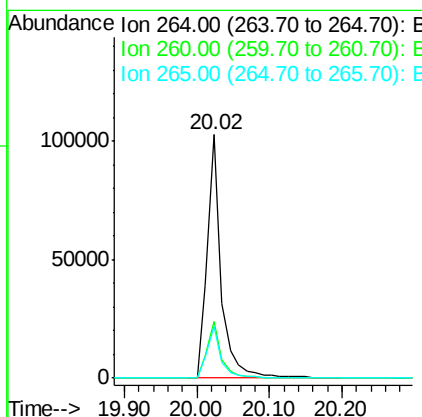
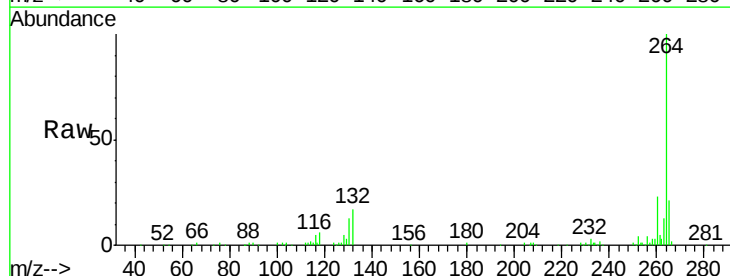
Instrument :
 BNA_F
 ClientSampleId :
 PB92598BS

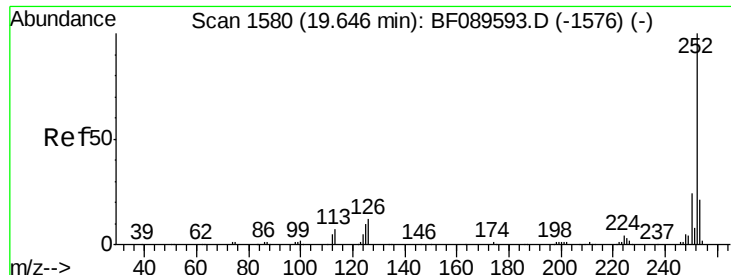
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.8	35.8
277	25.5	20.3	30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089703.D
 Acq: 10 Aug 2016 19:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.2	16.5	24.7

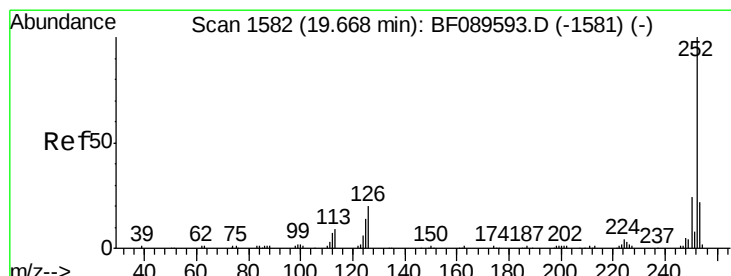
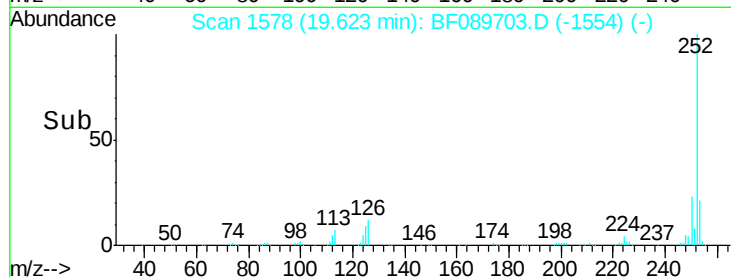
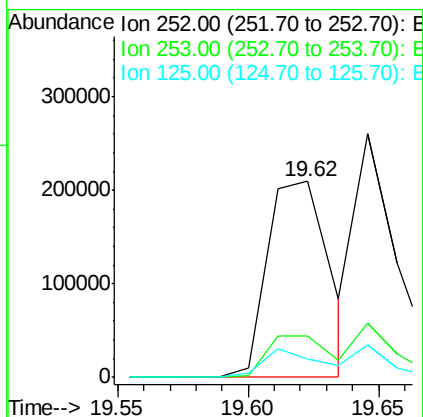
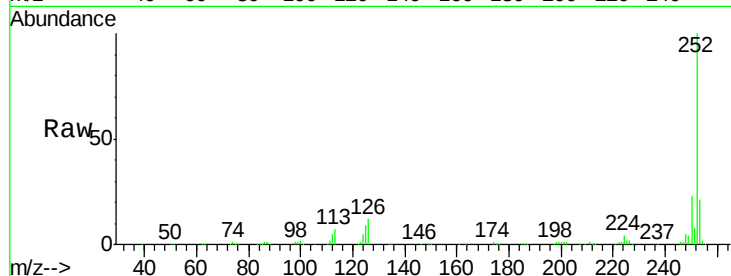




#87
Benzo(b)fluoranthene
Concen: 40.65 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

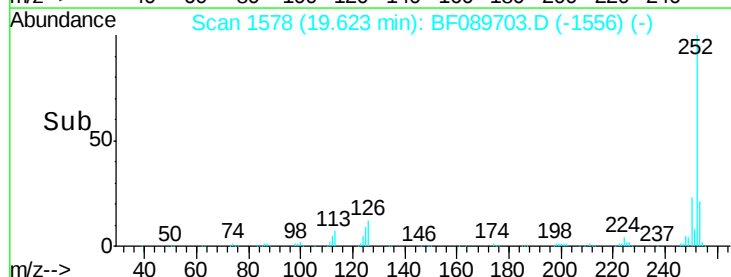
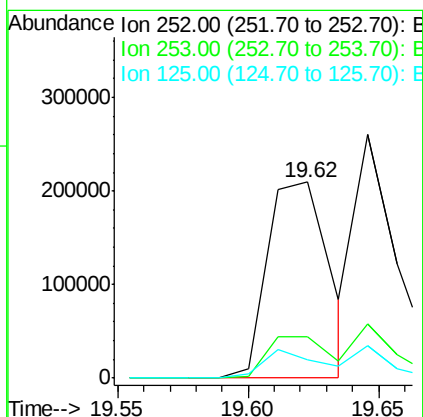
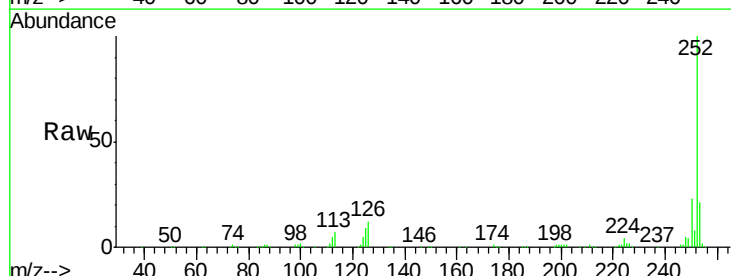
Instrument :
BNA_F
ClientSampleId :
PB92598BS

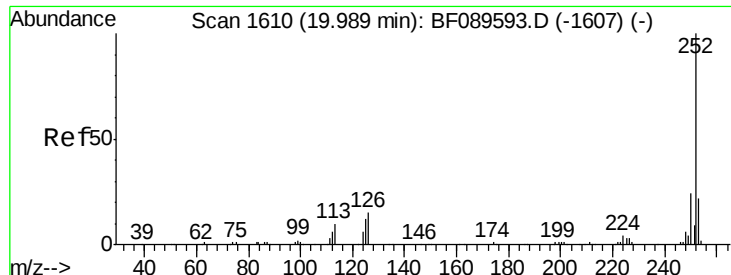
Tgt Ion: 252 Resp: 345952
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 9.5 7.8 11.8



#88
Benzo(k)fluoranthene
Concen: 40.29 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.05 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion: 252 Resp: 345952
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 9.5 11.0 16.6#

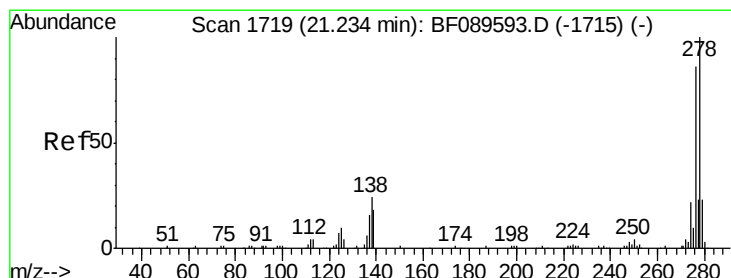
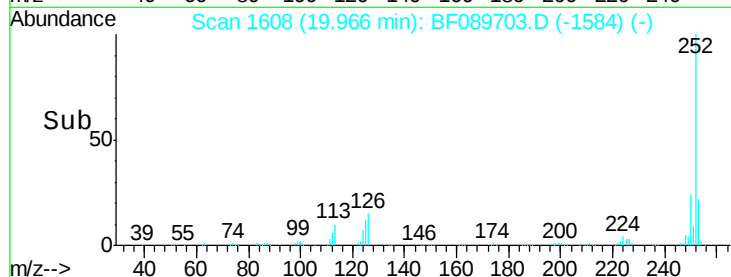
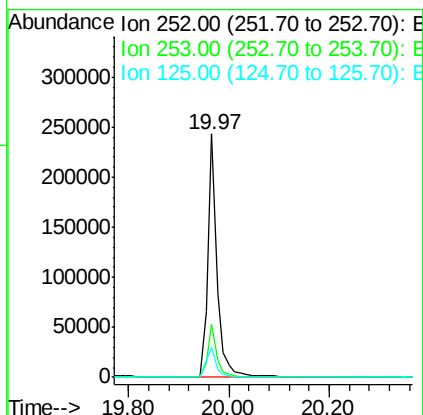
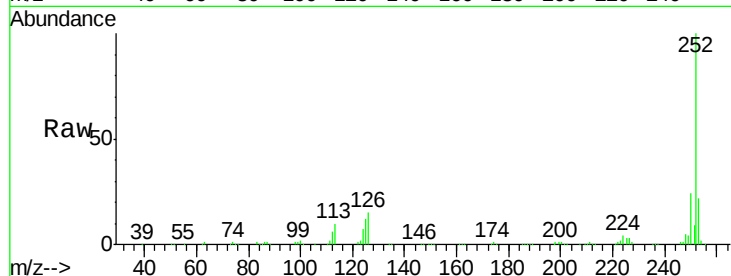




#89
Benzo(a)pyrene
Concen: 38.48 ng
RT: 19.97 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

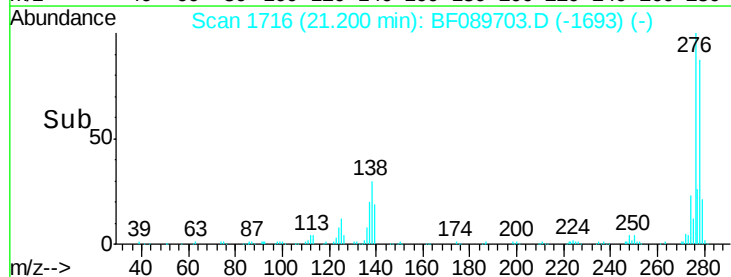
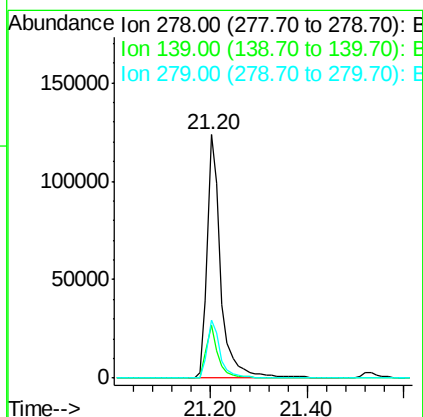
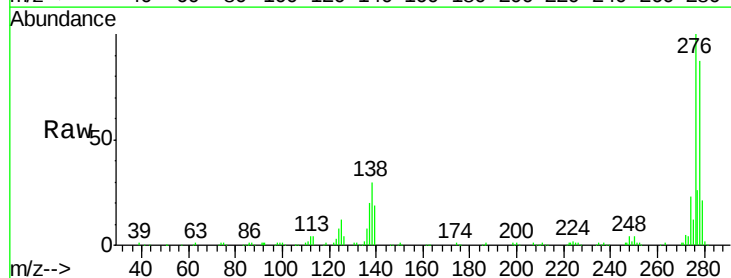
Instrument :
BNA_F
ClientSampleId :
PB92598BS

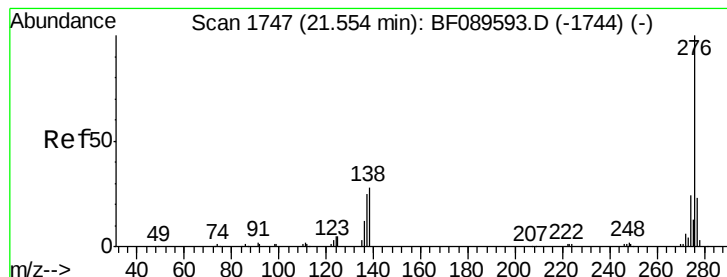
Tgt Ion: 252 Resp: 306651
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 12.1 9.9 14.9



#90
Dibenzo(a,h)anthracene
Concen: 32.87 ng
RT: 21.20 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BF089703.D
Acq: 10 Aug 2016 19:07

Tgt Ion: 278 Resp: 244663
Ion Ratio Lower Upper
278 100
139 21.7 14.6 21.8
279 23.7 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 31.15 ng

RT: 21.53 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BF089703.D

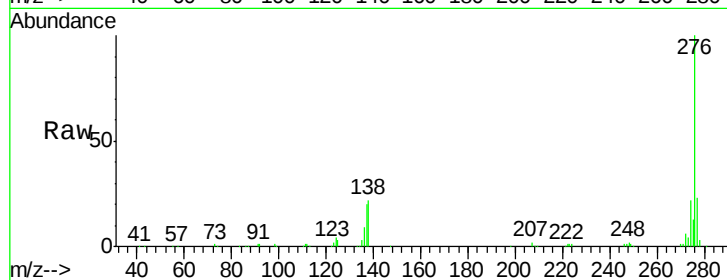
Acq: 10 Aug 2016 19:07

Instrument :

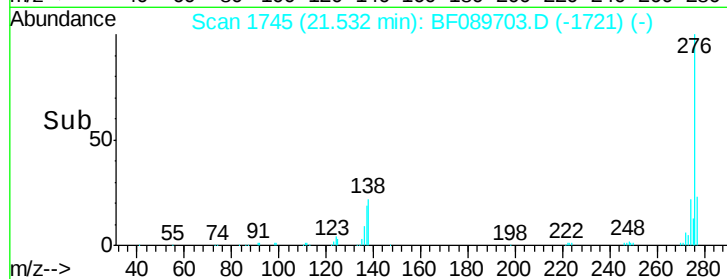
BNA_F

ClientSampleId :

PB92598BS



Tgt Ion:	276	Resp:	237343
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	22.3	22.6	33.8#



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

