

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089867.D
 Acq On : 24 Aug 2016 12:03
 Operator : UM/SJ
 Sample : PB93047BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Quant Time: Aug 25 12:14:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	425253	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1656530	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	812472	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1520034	20.00	ng	0.00
75) Chrysene-d12	13.89	240	1135050	20.00	ng	0.01
86) Perylene-d12	15.42	264	935624	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	3354698	135.28	ng	0.00
7) Phenol-d6	6.31	99	3912649	128.53	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2364018	88.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	1024480	132.68	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3909585	84.57	ng	-0.01
78) Terphenyl-d14	12.78	244	3499747	69.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	418638	34.11	ng	97
3) Pyridine	2.83	79	1189701	36.96	ng	93
4) n-Nitrosodimethylamine	2.80	42	523476	43.68	ng	# 88
6) Aniline	6.33	93	1009704	24.73	ng	# 69
8) 2-Chlorophenol	6.46	128	1226300	41.35	ng	# 78
9) Benzaldehyde	6.20	77	274094	13.82	ng	89
10) Phenol	6.32	94	1244105	34.87	ng	89
11) bis(2-Chloroethyl)ether	6.41	93	1073305	38.80	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1188183	38.33	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1261160	39.58	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1211988	40.74	ng	98
15) Benzyl Alcohol	6.82	79	932543	46.20	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1264363	35.71	ng	93
17) 2-Methylphenol	6.94	107	991792	42.70	ng	96
18) Hexachloroethane	7.19	117	466187	41.02	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	767197	39.41	ng	89
20) 3+4-Methylphenols	7.10	107	1300236	45.66	ng	# 49
22) Acetophenone	7.08	105	1421108	37.36	ng	# 89
24) Nitrobenzene	7.26	77	1289548	43.11	ng	95
25) Isophorone	7.50	82	2146174	39.91	ng	98
26) 2-Nitrophenol	7.58	139	687281	46.05	ng	96
27) 2,4-Dimethylphenol	7.62	122	1167686	43.41	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	1417884	42.61	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	1017961	45.10	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	987756	39.56	ng	98
31) Naphthalene	7.98	128	3141666	40.58	ng	99
32) Benzoic acid	7.74	122	512554	24.45	ng	99
33) 4-Chloroaniline	8.03	127	400199	11.93	ng	97
34) Hexachlorobutadiene	8.10	225	512916	39.23	ng	99
35) Caprolactam	8.40	113	212543	30.92	ng	93
36) 4-Chloro-3-methylphenol	8.52	107	1096431	44.85	ng	99
37) 2-Methylnaphthalene	8.67	142	2347718	46.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	746150	28.36	ng	98
40) Hexachlorocyclopentadiene	8.83	237	955879	104.65	ng	98

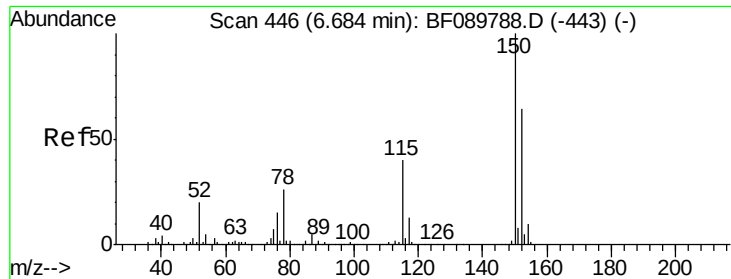
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	688856	41.62	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	707526	42.98	ng	98
45) 1,1'-Biphenyl	9.14	154	2352476	37.42	ng	93
46) 2-Chloronaphthalene	9.15	162	1942104	39.08	ng	99
47) 2-Nitroaniline	9.26	65	696209	49.11	ng	# 77
48) Acenaphthylene	9.56	152	3084383	41.30	ng	99
49) Dimethylphthalate	9.45	163	2574083	45.00	ng	100
50) 2,6-Dinitrotoluene	9.50	165	516578	39.11	ng	# 85
51) Acenaphthene	9.74	154	2309215	46.72	ng	98
52) 3-Nitroaniline	9.66	138	286023	19.55	ng	96
53) 2,4-Dinitrophenol	9.77	184	486640	67.29	ng	# 86
54) Dibenzofuran	9.92	168	3004790	48.40	ng	# 89
55) 4-Nitrophenol	9.83	139	945665	79.18	ng	88
56) 2,4-Dinitrotoluene	9.90	165	689738	40.25	ng	# 59
57) Fluorene	10.25	166	2089421	42.23	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	579138	48.34	ng	99
59) Diethylphthalate	10.15	149	2455655	42.26	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	907953	40.23	ng	94
61) 4-Nitroaniline	10.27	138	600889	43.80	ng	95
62) Azobenzene	10.41	77	2421007	44.31	ng	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	345778	39.59	ng	# 74
65) n-Nitrosodiphenylamine	10.38	169	2145230	44.89	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	670392	42.07	ng	# 85
67) Hexachlorobenzene	10.80	284	692985	38.12	ng	# 82
68) Atrazine	10.90	200	558813	38.18	ng	96
69) Pentachlorophenol	10.99	266	716814	69.56	ng	98
70) Phenanthrene	11.21	178	3227404	42.04	ng	96
71) Anthracene	11.26	178	3283132	42.07	ng	99
72) Carbazole	11.42	167	2970222	42.43	ng	97
73) Di-n-butylphthalate	11.77	149	3881229	44.32	ng	# 98
74) Fluoranthene	12.39	202	2967852	40.64	ng	93
76) Benzidine	12.53	184	1021562	27.81	ng	96
77) Pyrene	12.62	202	2984732	32.29	ng	98
79) Butylbenzylphthalate	13.28	149	1610358	38.58	ng	86
80) Benzo(a)anthracene	13.87	228	2726987	41.95	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	512069	24.03	ng	98
82) Chrysene	13.91	228	2131528	38.25	ng	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	2142125	37.25	ng	97
84) Di-n-octyl phthalate	14.61	149	3663403	47.94	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.71	276	2246928	31.60	ng	100
87) Benzo(b)fluoranthene	15.05	252	4505925	87.54	ng	98
88) Benzo(k)fluoranthene	15.05	252	4509658	96.57	ng	99
89) Benzo(a)pyrene	15.36	252	2040130	41.87	ng	98
90) Dibenzo(a,h)anthracene	16.74	278	1880769	35.57	ng	97
91) Benzo(g,h,i)perylene	17.10	276	1936266	34.77	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

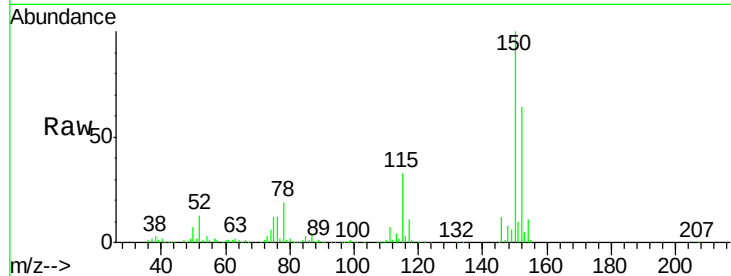
Tgt Ion:152 Resp: 425253

Ion Ratio Lower Upper

152 100

150 156.9 125.3 187.9

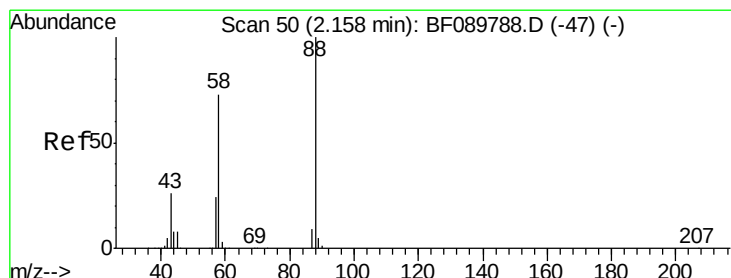
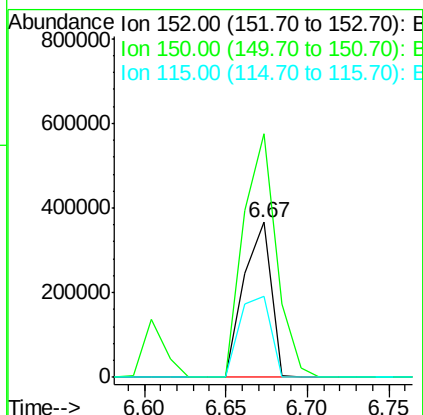
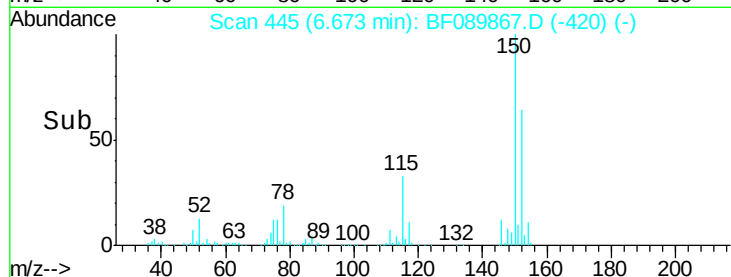
115 51.9 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.11 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.05 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

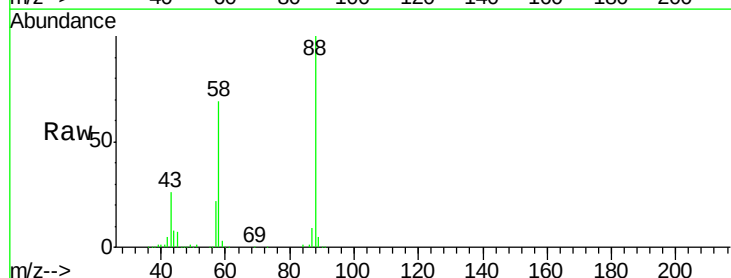
Tgt Ion: 88 Resp: 418638

Ion Ratio Lower Upper

88 100

58 67.7 57.0 85.4

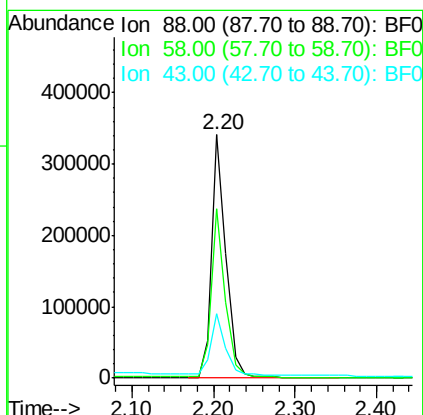
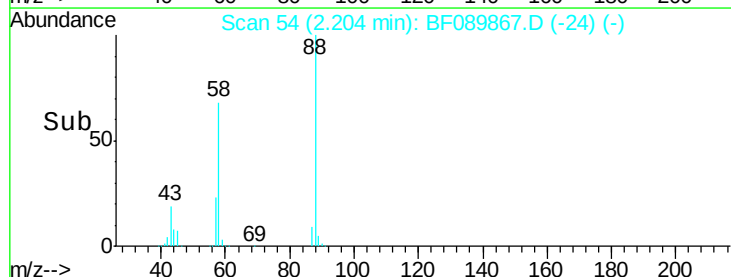
43 26.6 21.8 32.8

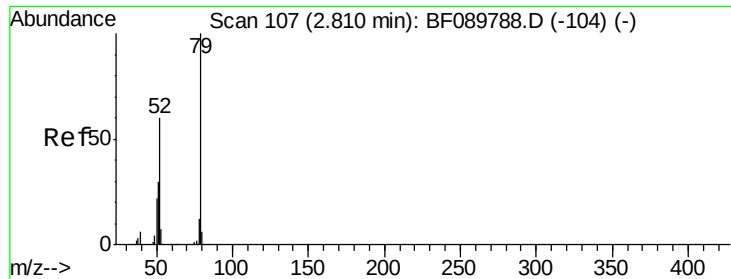


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.96 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

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ClientSampleId :

PB93047BS

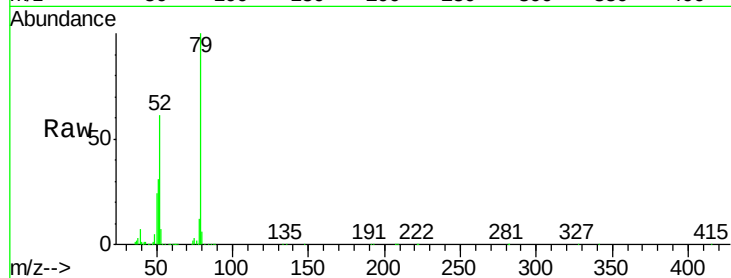
Tgt Ion: 79 Resp: 1189701

Ion Ratio Lower Upper

79 100

52 60.6 53.6 80.4

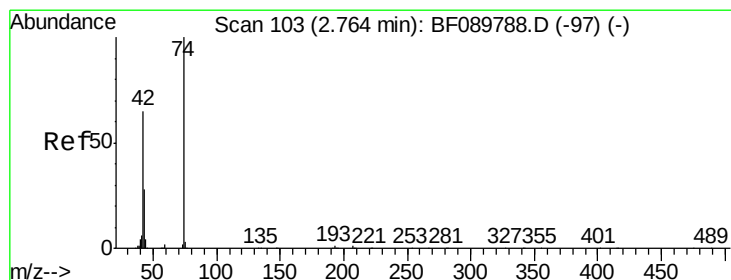
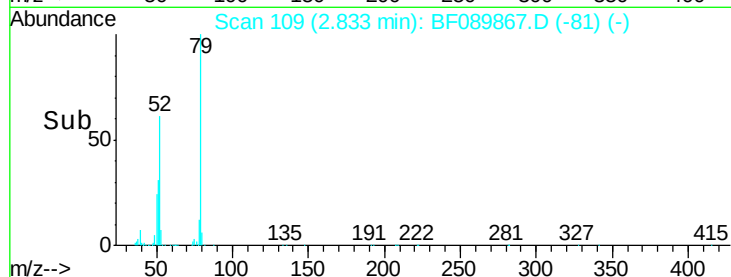
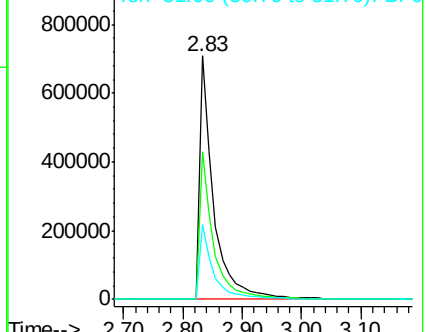
51 30.8 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.68 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

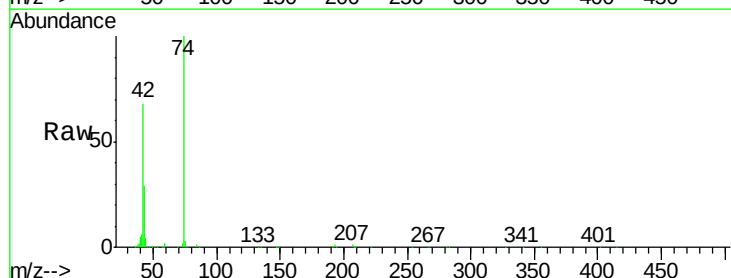
Tgt Ion: 42 Resp: 523476

Ion Ratio Lower Upper

42 100

74 147.4 106.2 159.2

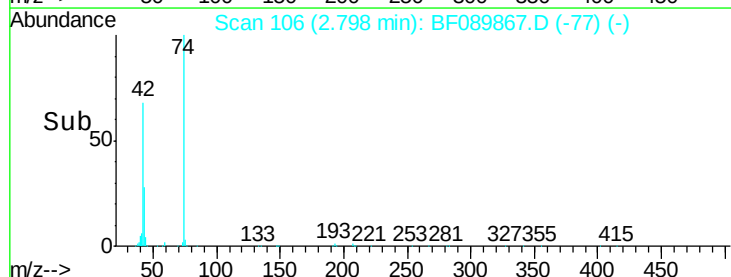
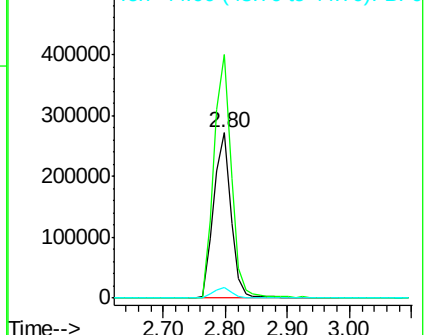
44 6.6 6.9 10.3#

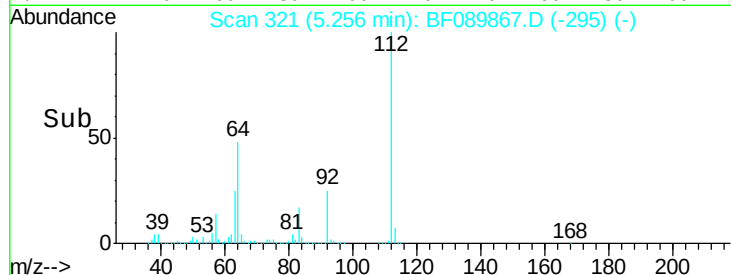
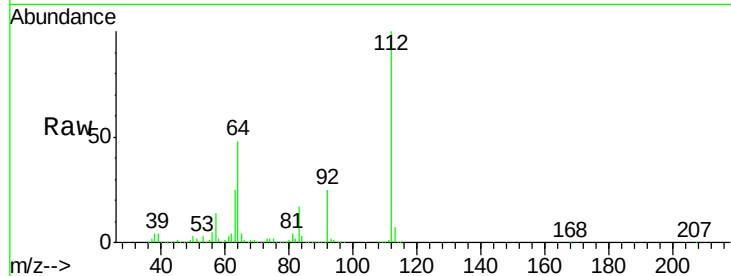
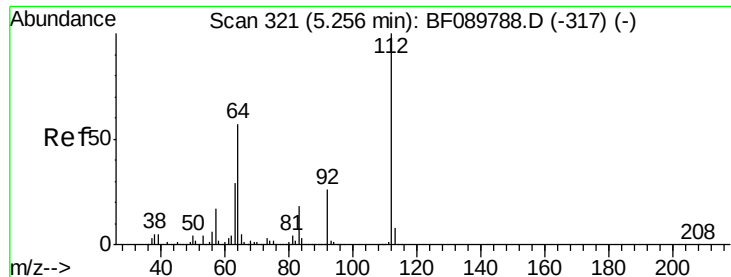


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 135.28 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

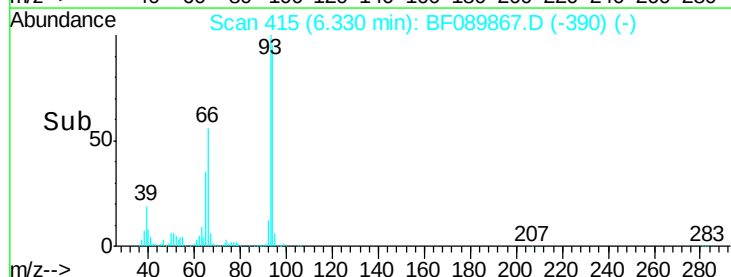
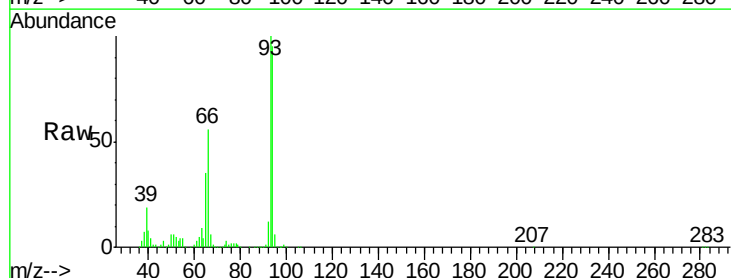
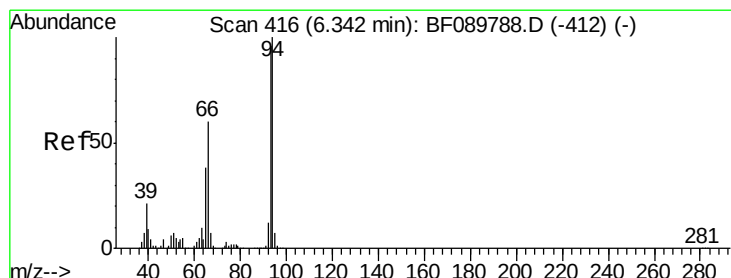
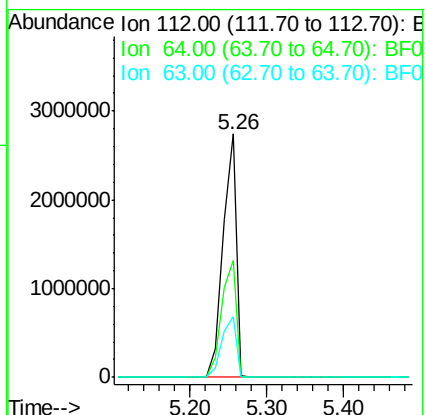
Tgt Ion:112 Resp: 3354698

Ion Ratio Lower Upper

112 100

64 47.9 45.0 67.4

63 24.7 23.1 34.7



#6

Aniline

Concen: 24.73 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

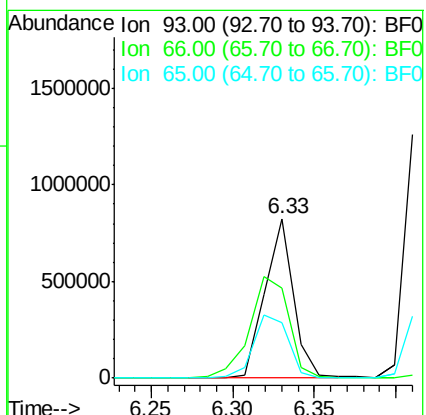
Tgt Ion: 93 Resp: 1009704

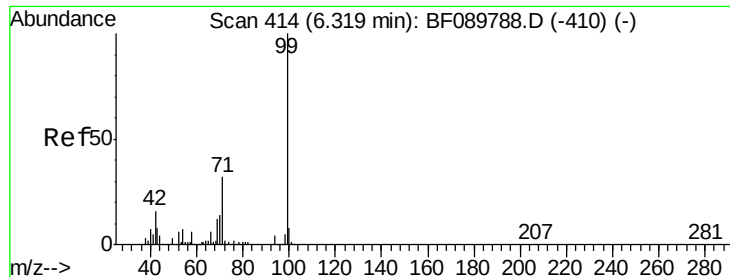
Ion Ratio Lower Upper

93 100

66 56.5 30.6 46.0#

65 34.7 15.4 23.2#





#7

Phenol-d6

Concen: 128.53 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

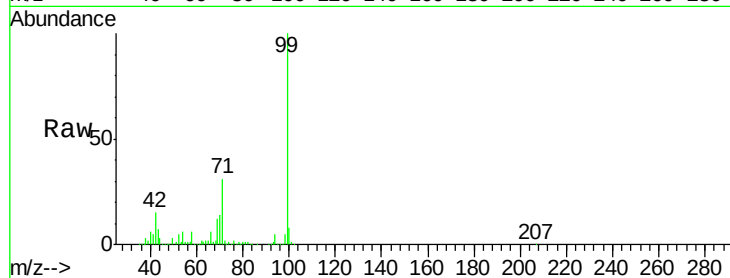
BNA_F

ClientSampleId :

PB93047BS

Tgt Ion: 99 Resp: 3912649

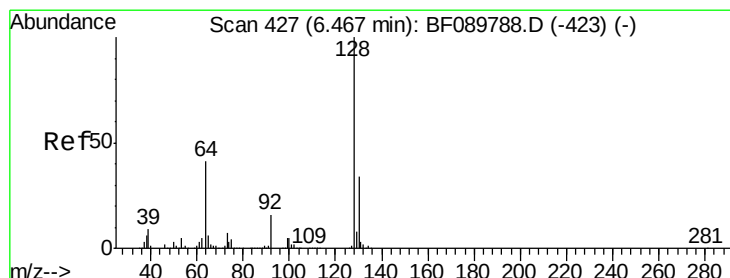
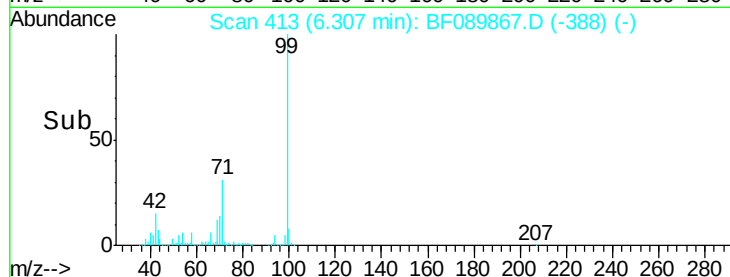
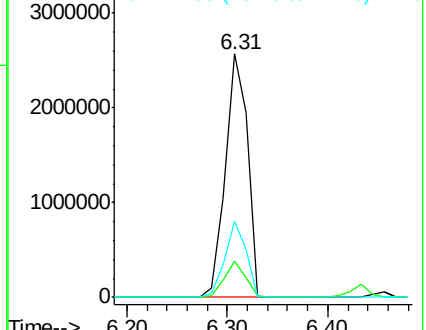
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.4
71	31.2	23.8	35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.35 ng

RT: 6.46 min Scan# 426

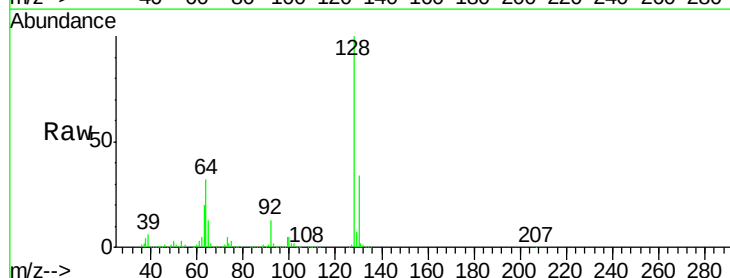
Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion: 128 Resp: 1226300

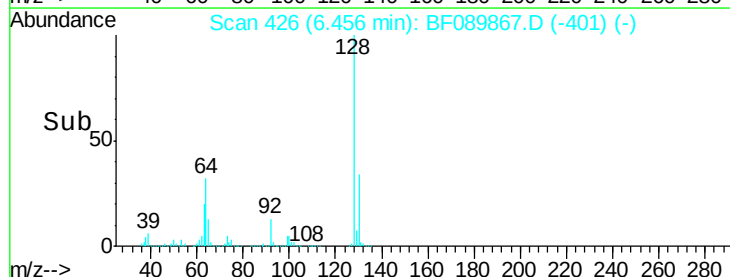
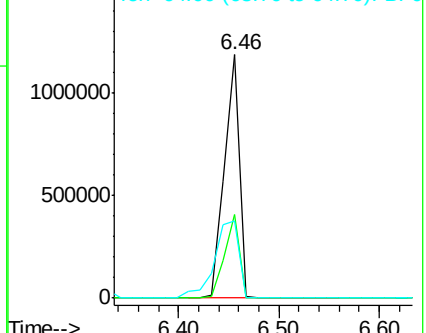
Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.0	52.0
64	31.7	35.1	75.1

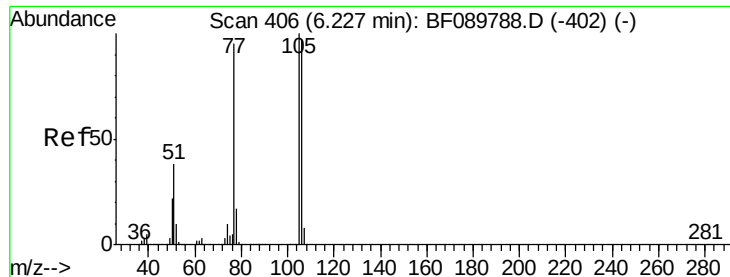


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.82 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

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PB93047BS

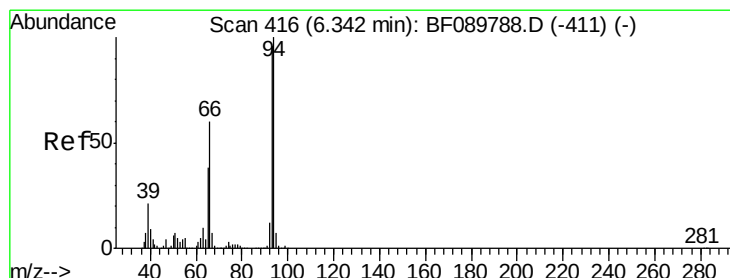
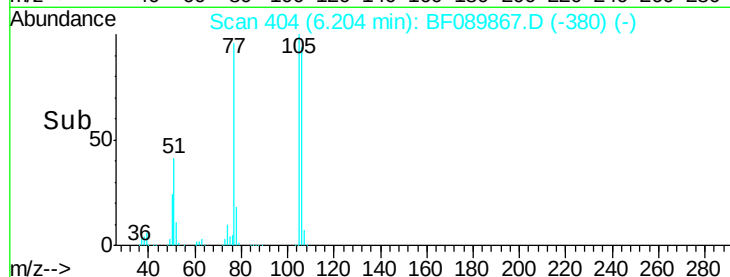
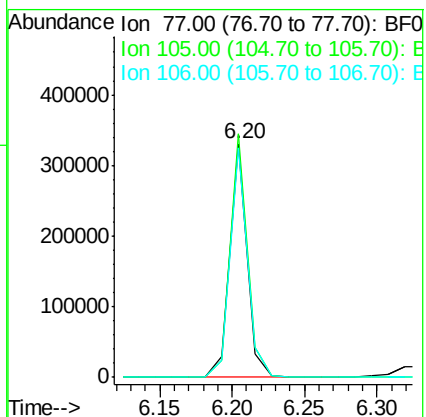
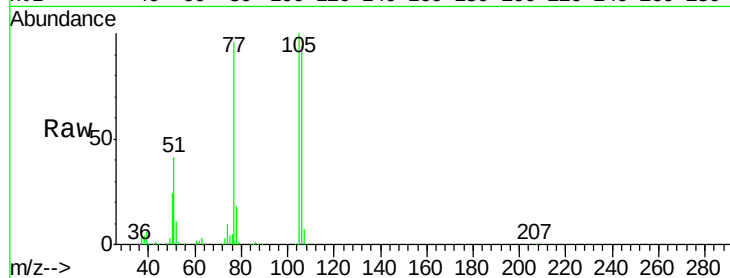
Tgt Ion: 77 Resp: 274094

Ion Ratio Lower Upper

77 100

105 104.1 73.3 113.3

106 98.0 68.6 108.6



#10

Phenol

Concen: 34.87 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

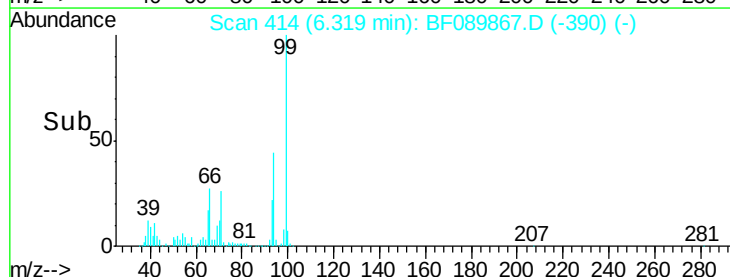
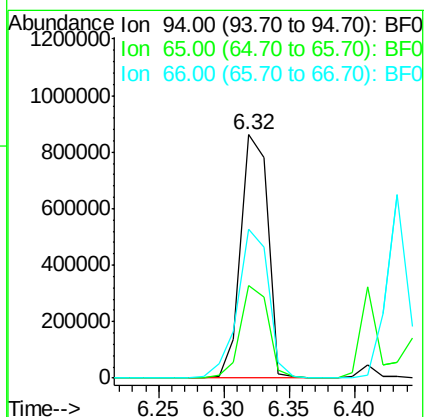
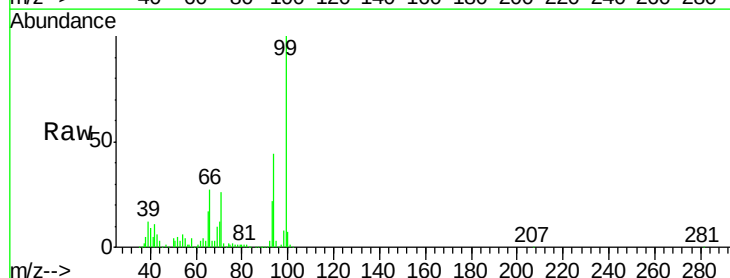
Tgt Ion: 94 Resp: 1244105

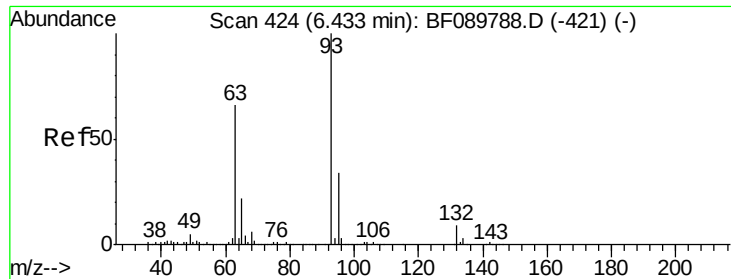
Ion Ratio Lower Upper

94 100

65 38.1 14.0 54.0

66 60.9 31.2 71.2



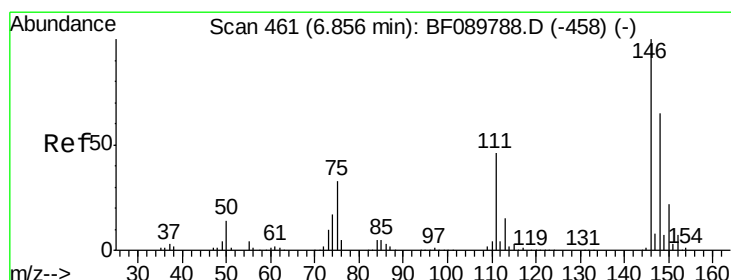
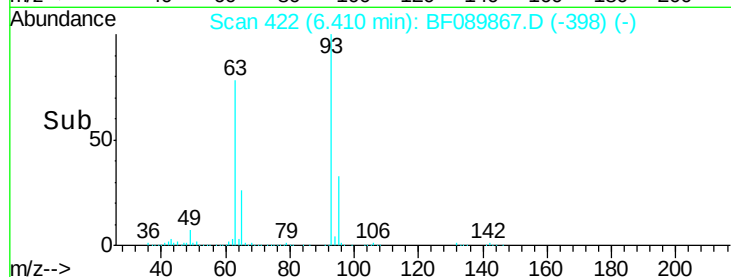
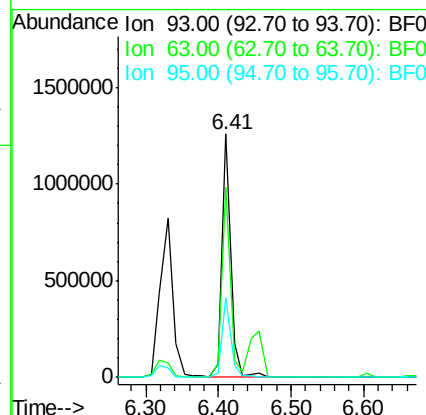
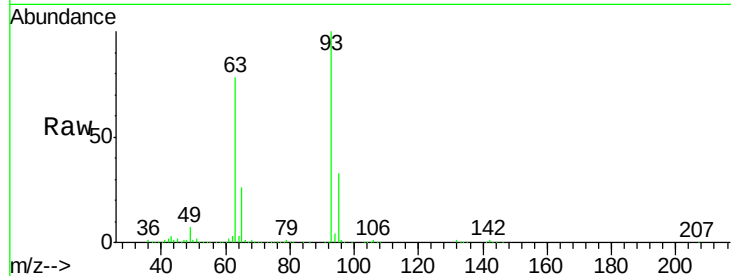


#11
 bis(2-Chloroethyl)ether
 Concen: 38.80 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tgt Ion: 93 Resp: 1073305

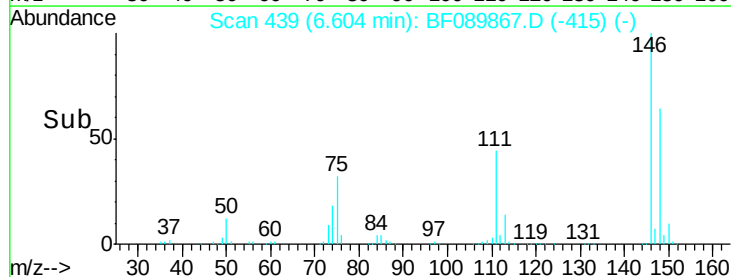
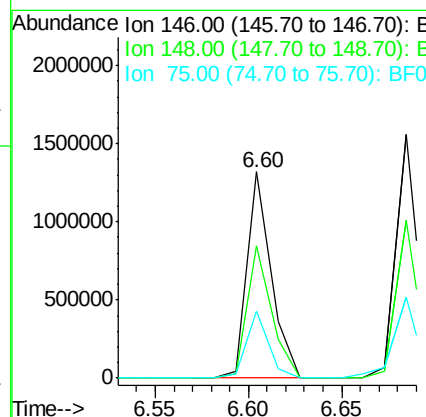
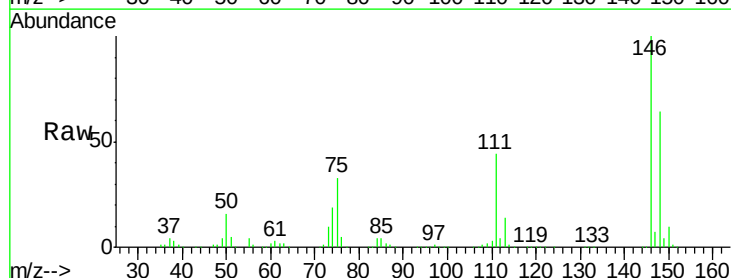
Ion	Ratio	Lower	Upper
93	100		
63	77.8	55.8	95.8
95	32.8	13.0	53.0

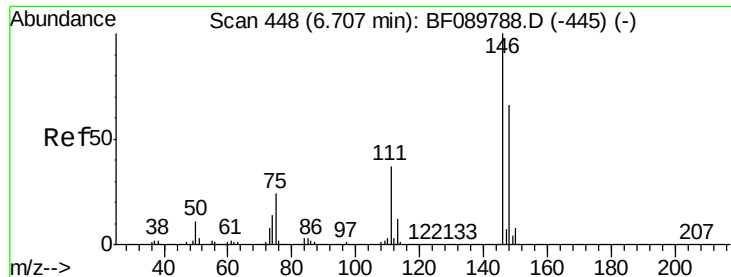


#12
 1,3-Dichlorobenzene
 Concen: 38.33 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion: 146 Resp: 1188183

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	32.5	27.0	40.6

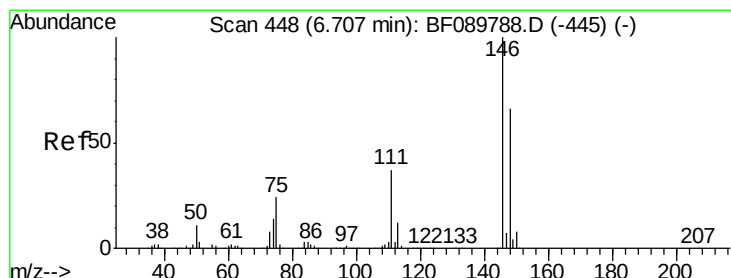
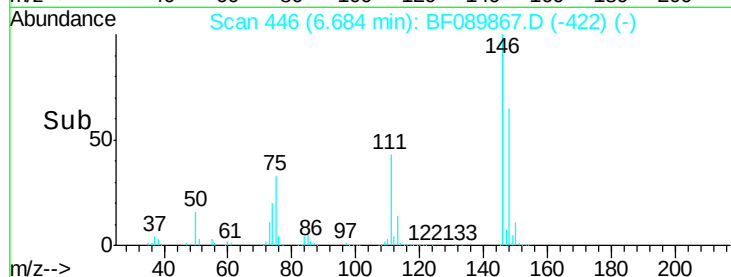
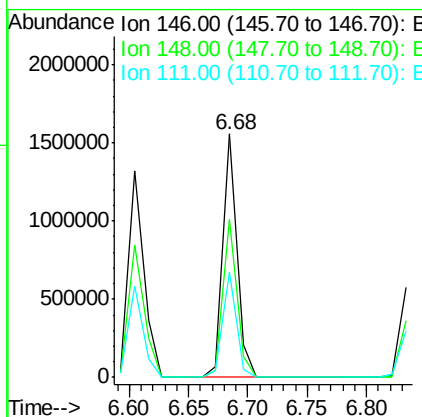
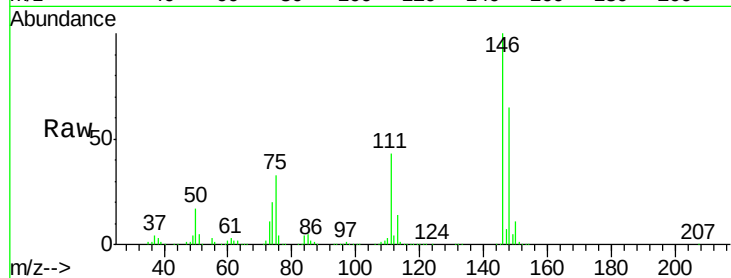




#13
 1,4-Dichlorobenzene
 Concen: 39.58 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

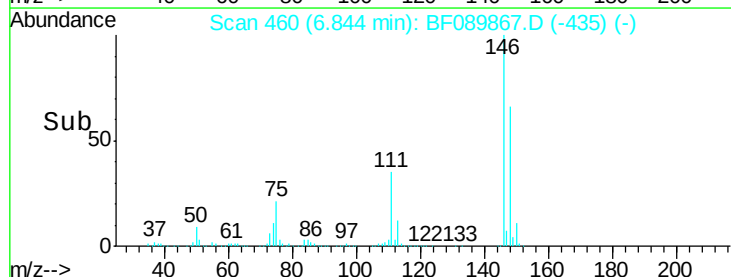
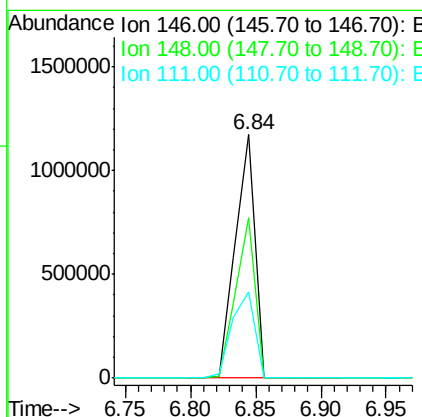
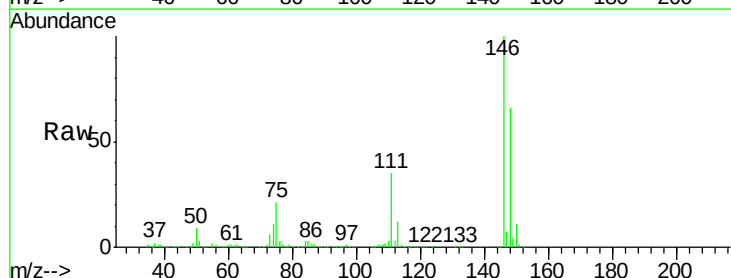
Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

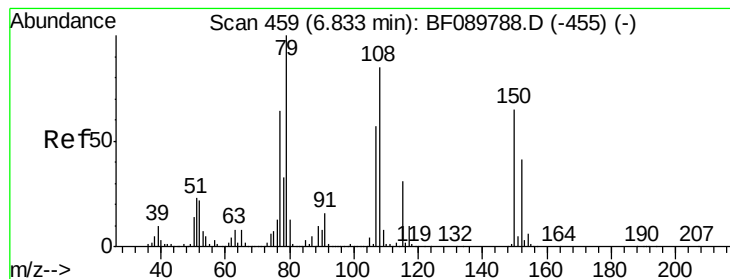
Tgt Ion:146 Resp: 1261160
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 43.2 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 40.74 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:146 Resp: 1211988
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.2
 111 35.3 29.8 44.6





#15

Benzyl Alcohol

Concen: 46.20 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

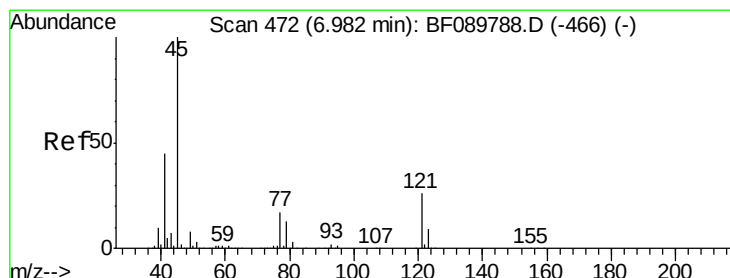
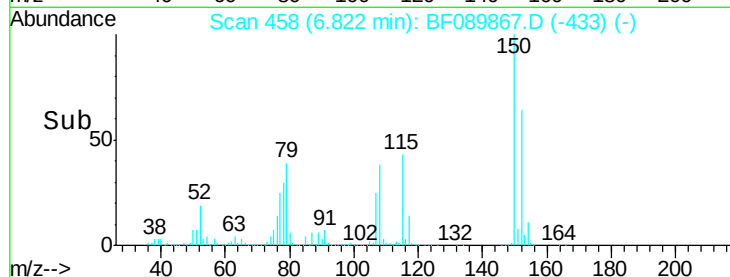
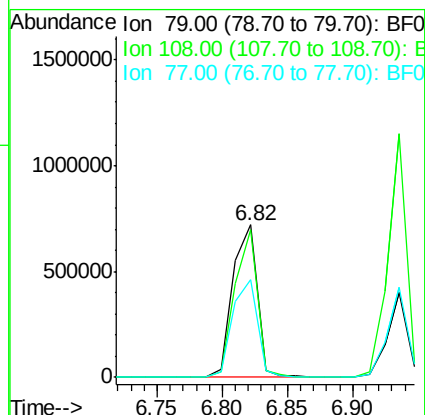
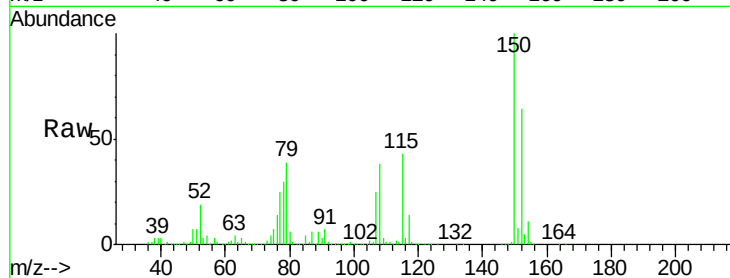
Tgt Ion: 79 Resp: 932543

Ion Ratio Lower Upper

79 100

108 97.2 62.5 93.7#

77 64.4 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.71 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

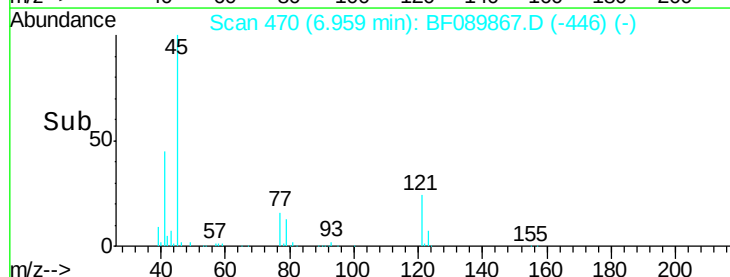
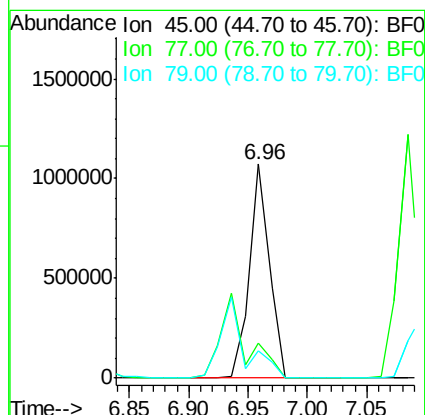
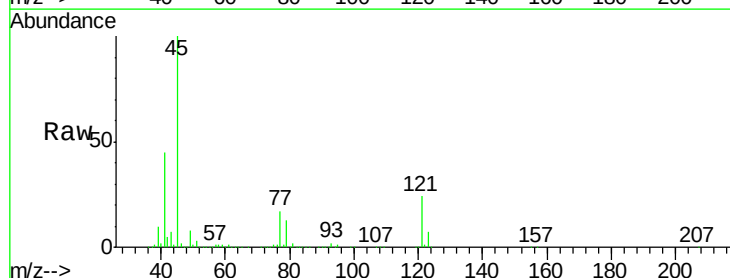
Tgt Ion: 45 Resp: 1264363

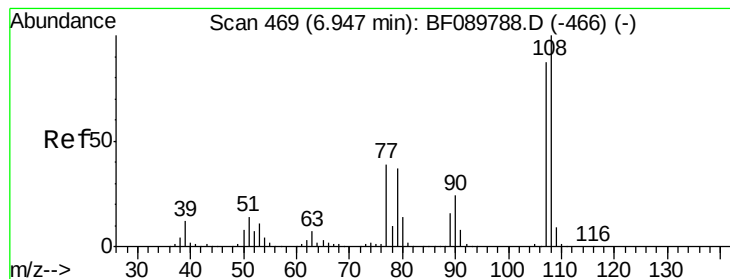
Ion Ratio Lower Upper

45 100

77 16.6 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 42.70 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tgt Ion:107 Resp: 991792

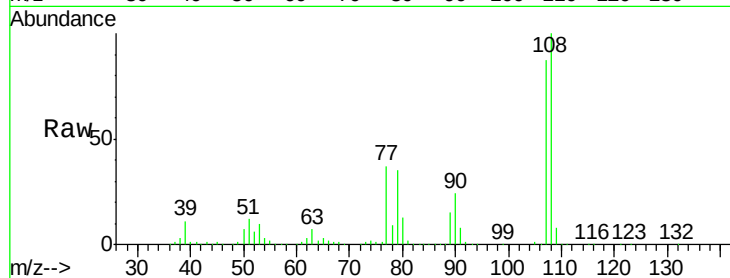
Ion Ratio Lower Upper

107 100

108 114.8 91.0 136.4

77 42.4 37.4 56.0

79 40.3 36.6 55.0

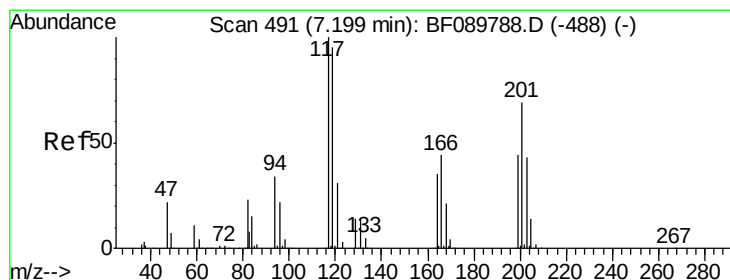
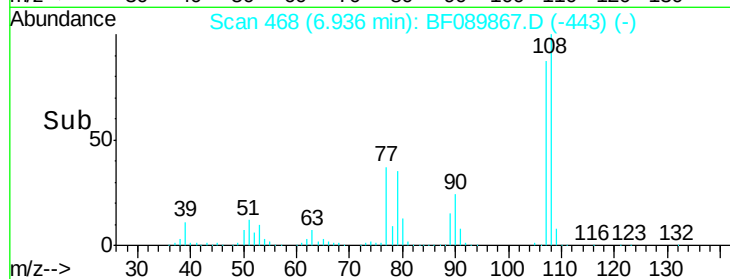
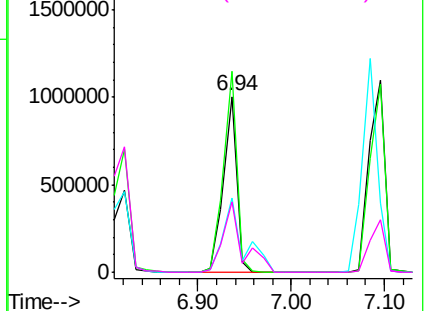


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.02 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

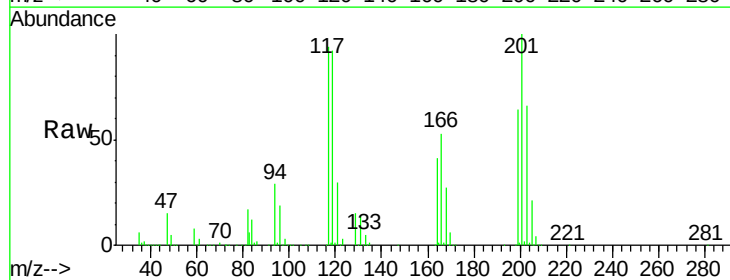
Tgt Ion:117 Resp: 466187

Ion Ratio Lower Upper

117 100

119 97.8 77.1 115.7

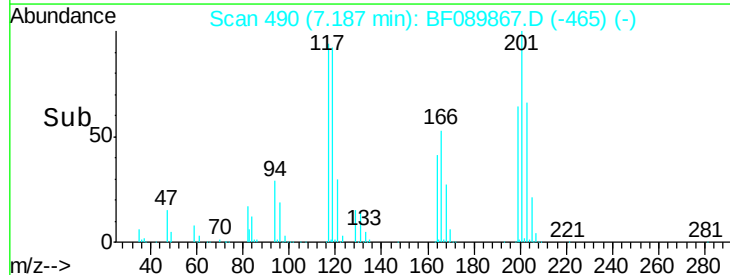
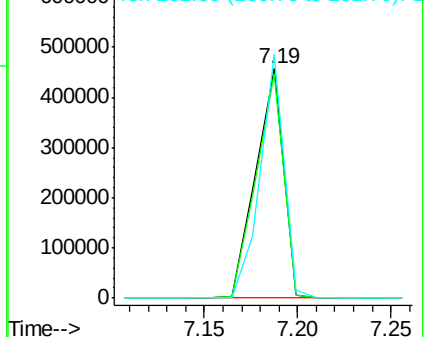
201 106.3 76.9 115.3

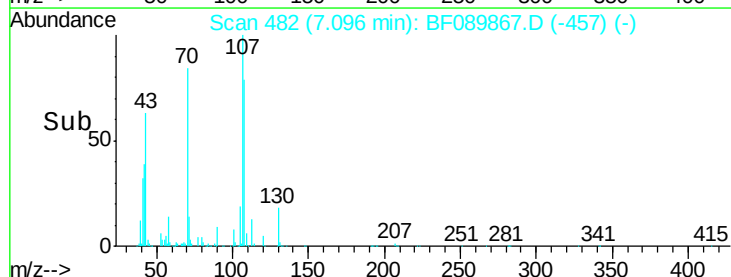
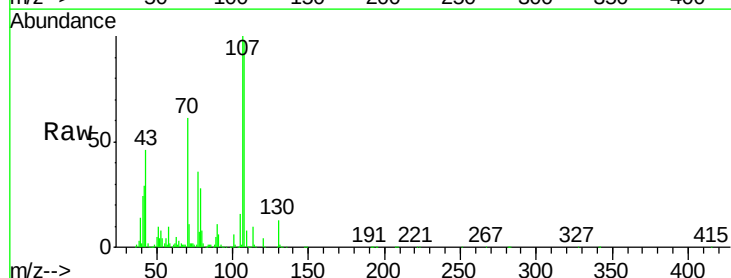
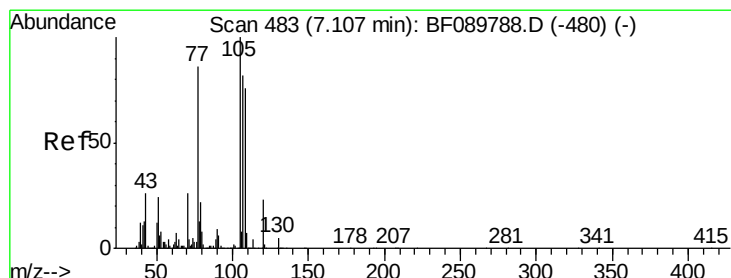
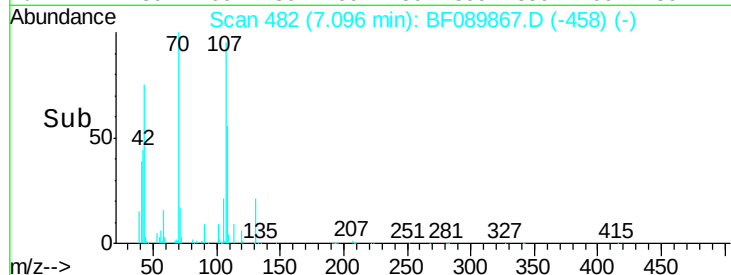
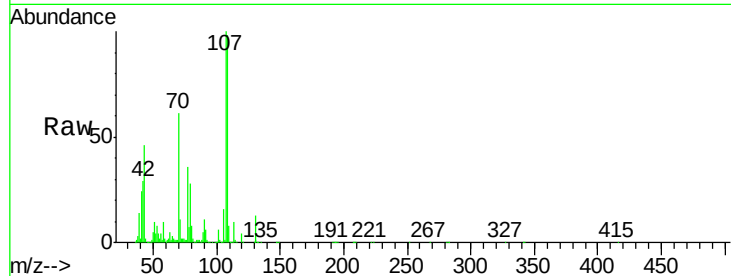
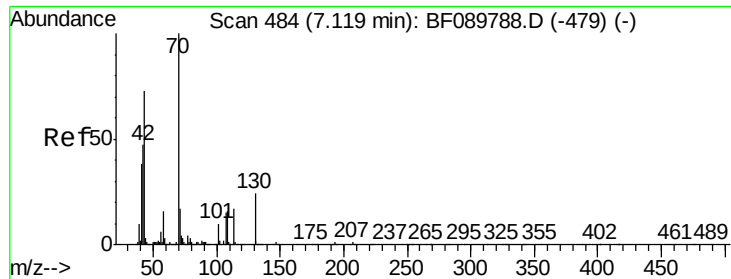


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

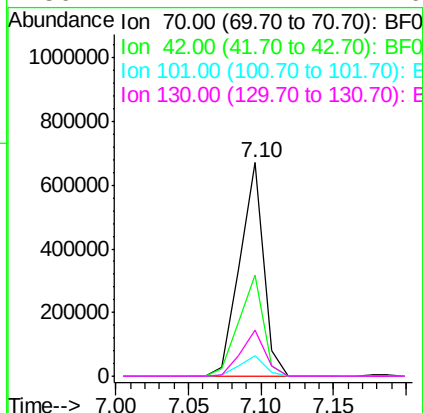




#19
n-Nitroso-di-n-propylamine
Concen: 39.41 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

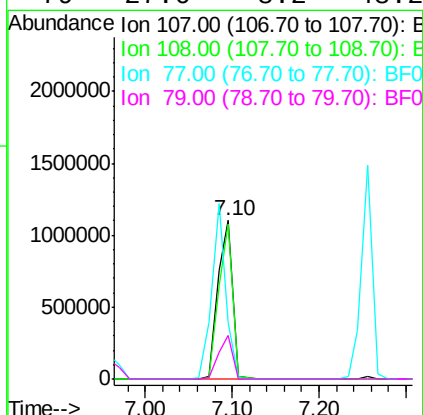
Instrument :
BNA_F
ClientSampleId :
PB93047BS

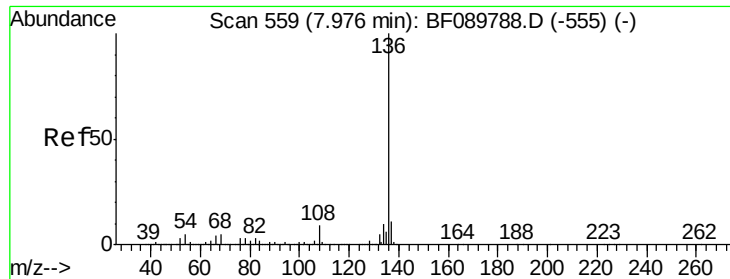
Tgt Ion:	70	Resp:	767197
Ion	Ratio	Lower	Upper
70	100		
42	47.5	46.3	69.5
101	9.6	7.0	10.6
130	21.4	14.4	21.6



#20
3+4-Methylphenols
Concen: 45.66 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:	107	Resp:	1300236
Ion	Ratio	Lower	Upper
107	100		
108	97.8	68.2	108.2
77	35.7	122.3	162.3#
79	27.6	8.2	48.2

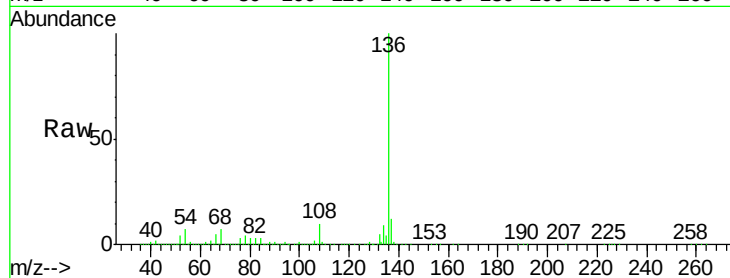




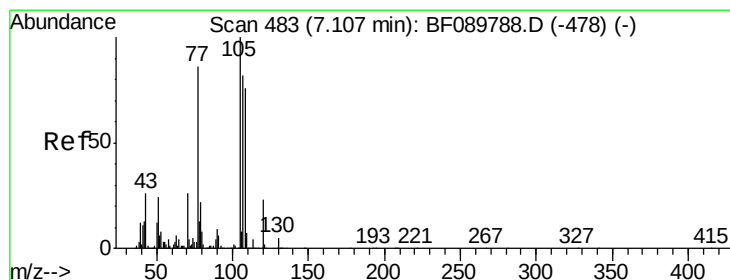
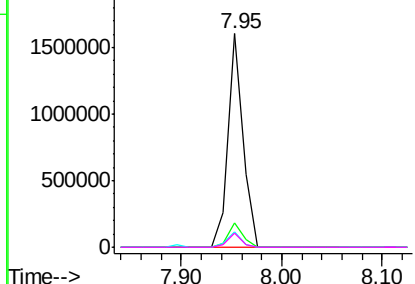
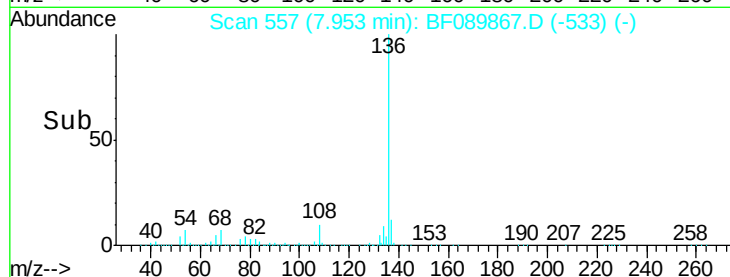
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tgt Ion:	136	Resp:	1656530
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.3	7.2	10.8
68	6.5	5.8	8.8

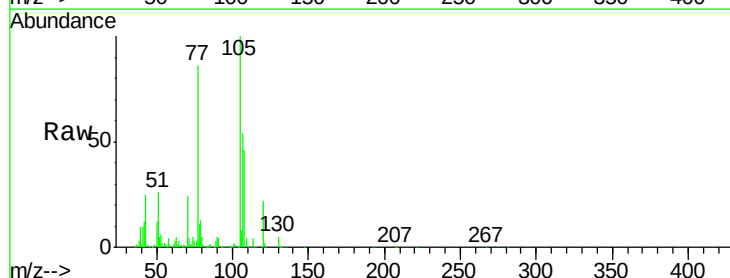


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

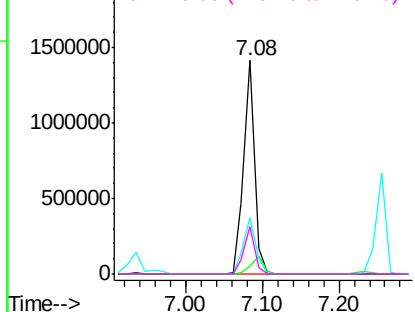
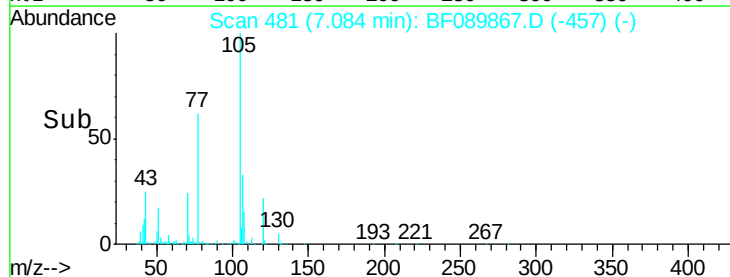


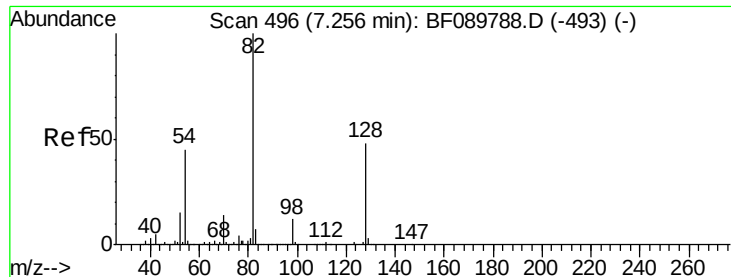
#22
Acetophenone
Concen: 37.36 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:	105	Resp:	1421108
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	26.4	28.5	42.7#
120	22.2	16.6	25.0



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: 88.66 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

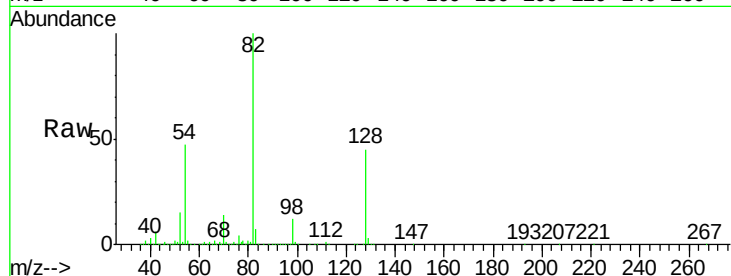
Tgt Ion: 82 Resp: 2364018

Ion Ratio Lower Upper

82 100

128 45.5 34.4 51.6

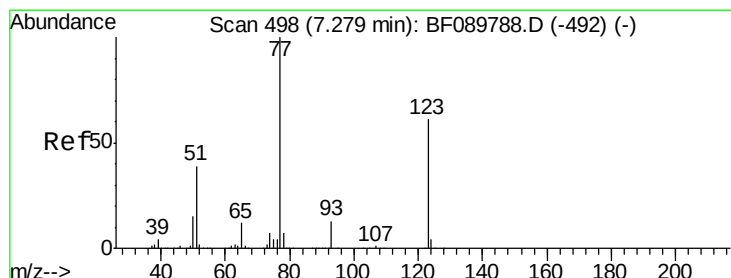
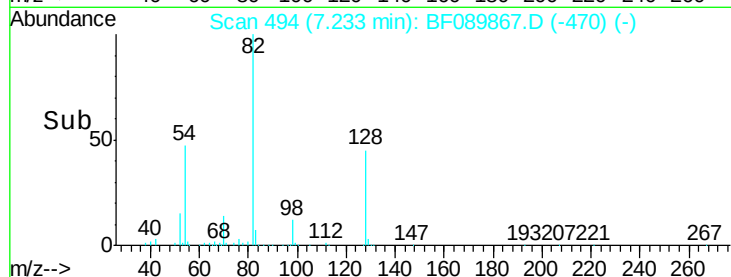
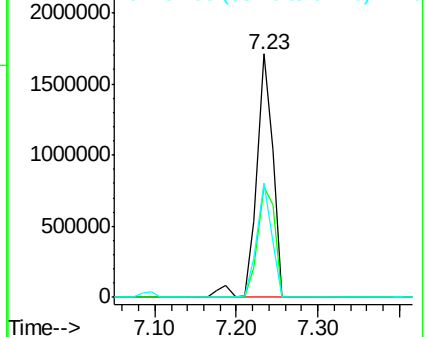
54 47.1 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.11 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

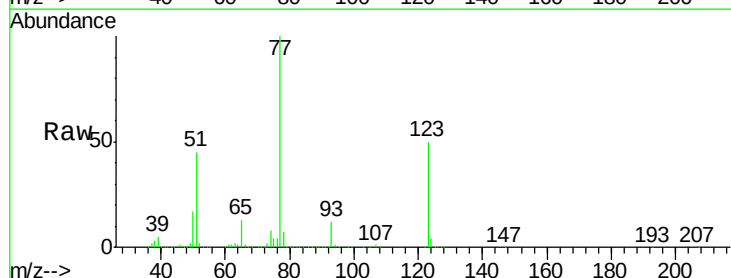
Tgt Ion: 77 Resp: 1289548

Ion Ratio Lower Upper

77 100

123 49.5 36.2 54.2

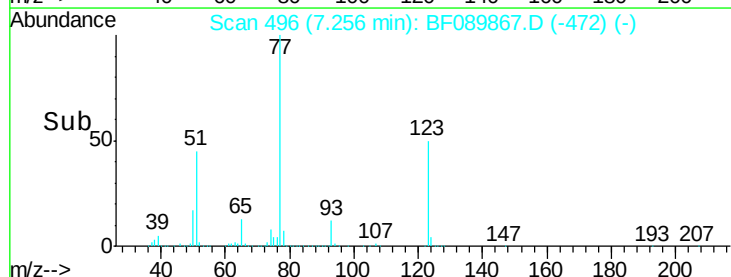
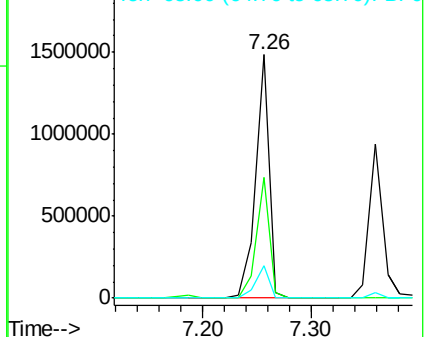
65 13.4 10.6 15.8

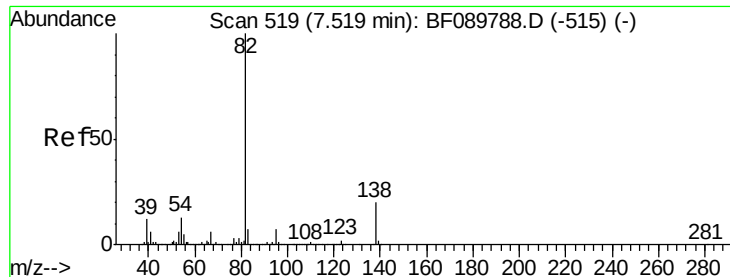


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.91 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

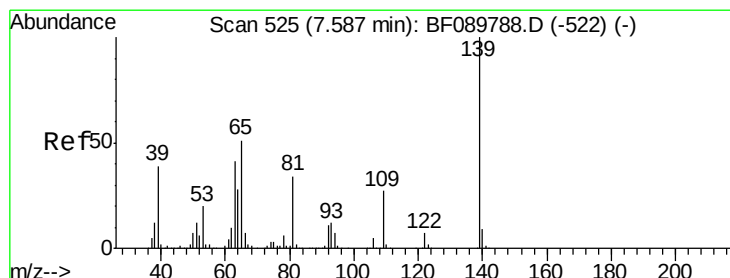
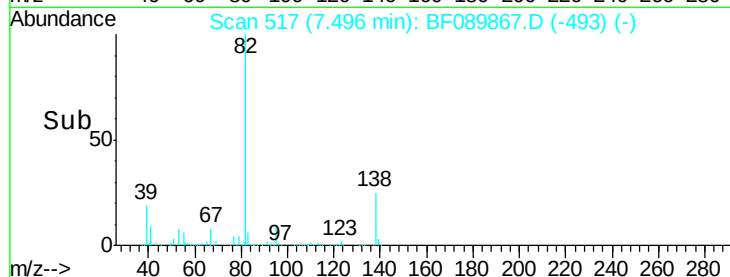
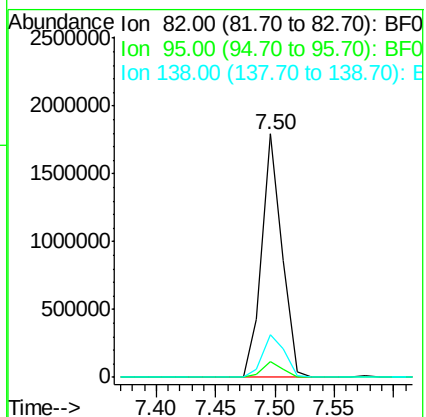
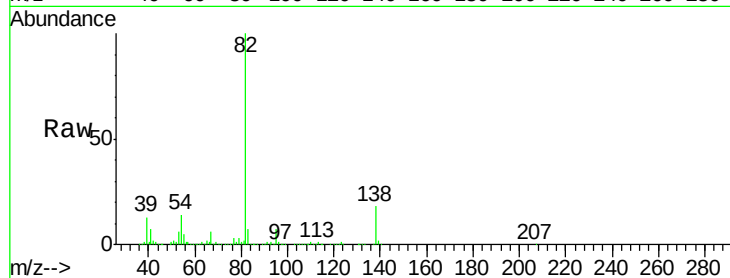
Tgt Ion: 82 Resp: 2146174

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.6 13.0 19.4



#26

2-Nitrophenol

Concen: 46.05 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

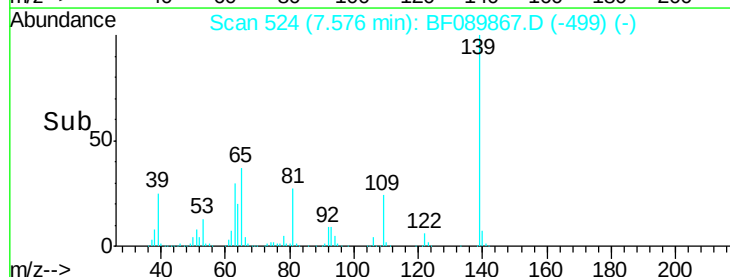
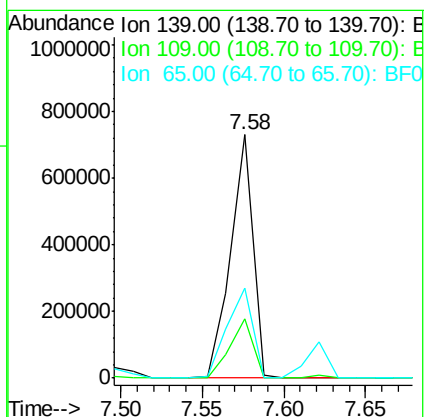
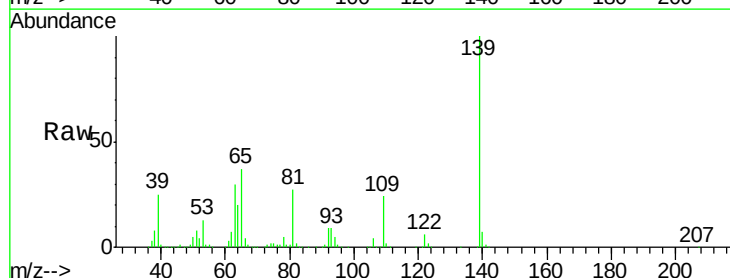
Tgt Ion: 139 Resp: 687281

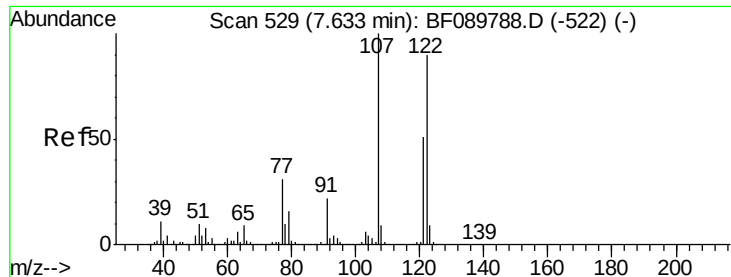
Ion Ratio Lower Upper

139 100

109 24.2 19.5 29.3

65 37.1 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 43.41 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

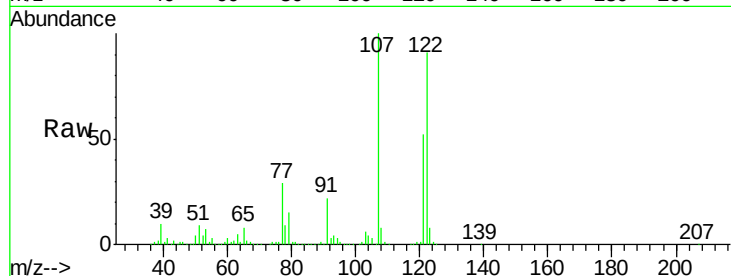
Tgt Ion:122 Resp: 1167686

Ion Ratio Lower Upper

122 100

107 109.6 84.8 127.2

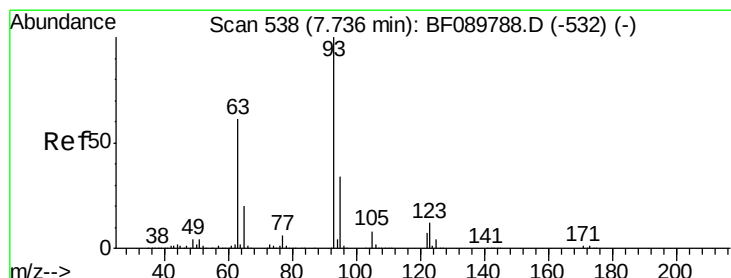
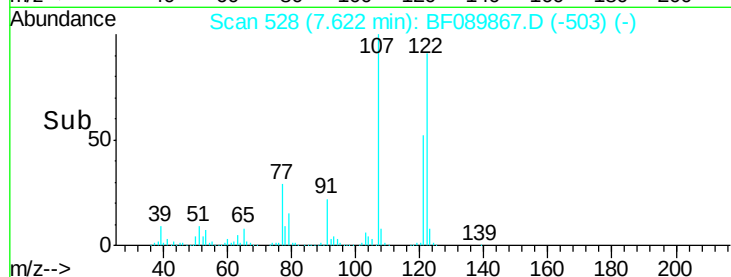
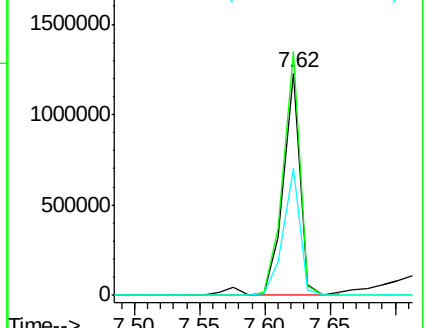
121 57.2 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.61 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

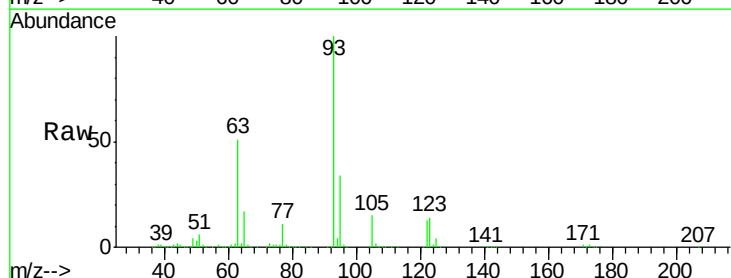
Tgt Ion: 93 Resp: 1417884

Ion Ratio Lower Upper

93 100

95 34.0 25.5 38.3

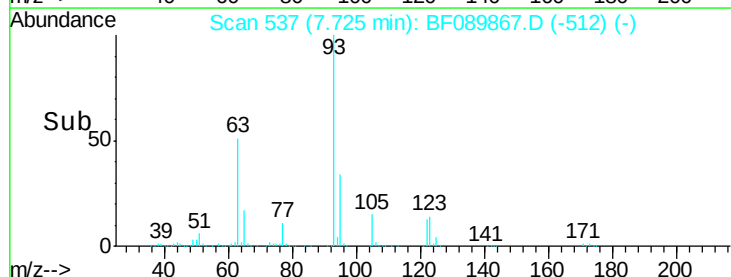
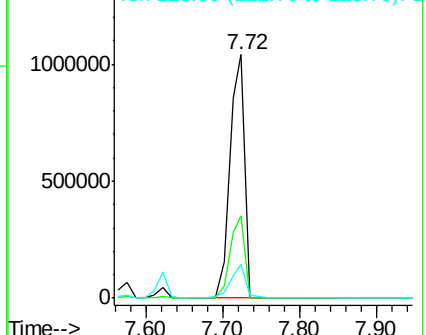
123 14.1 8.5 12.7#

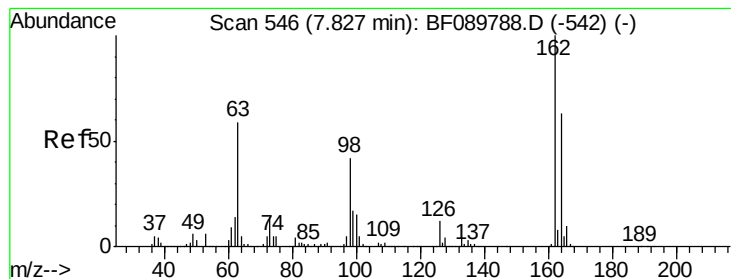


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.10 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleID :

PB93047BS

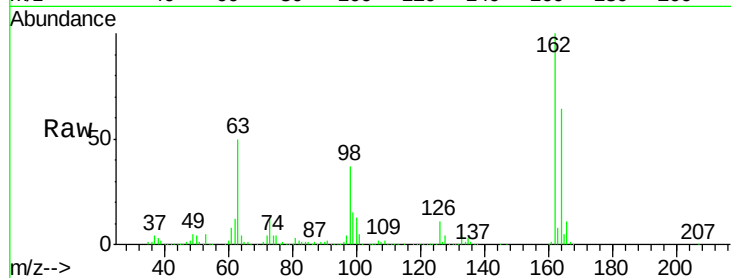
Tgt Ion:162 Resp: 1017961

Ion Ratio Lower Upper

162 100

164 64.2 45.5 85.5

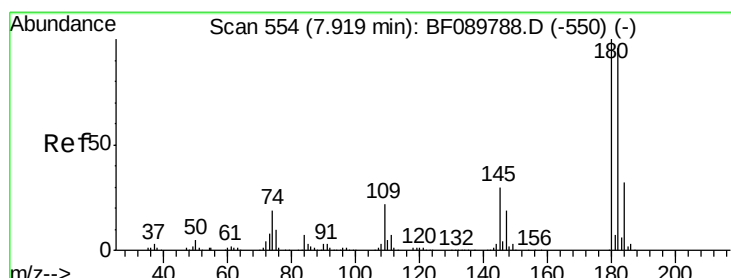
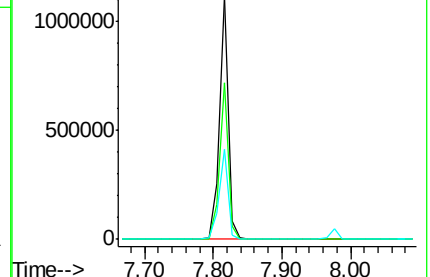
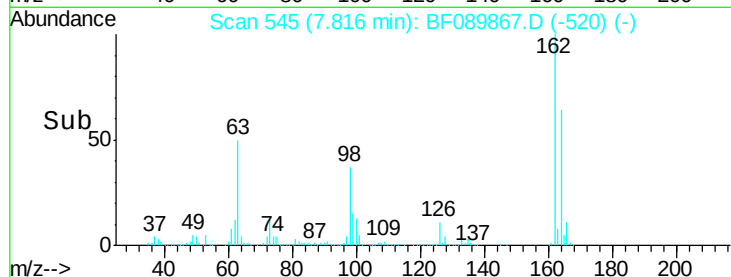
98 37.0 12.4 52.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.56 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

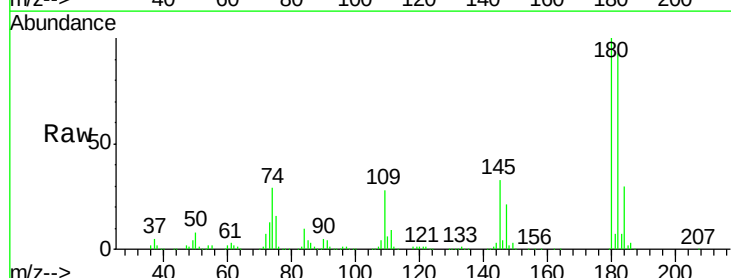
Tgt Ion:180 Resp: 987756

Ion Ratio Lower Upper

180 100

182 93.1 75.5 113.3

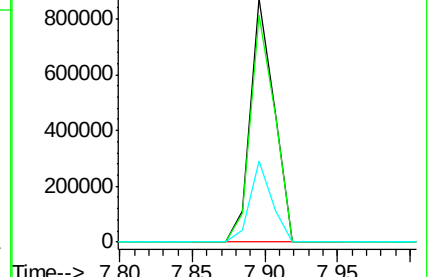
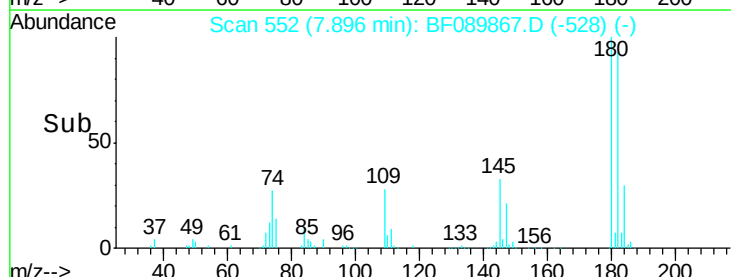
145 33.1 28.7 43.1

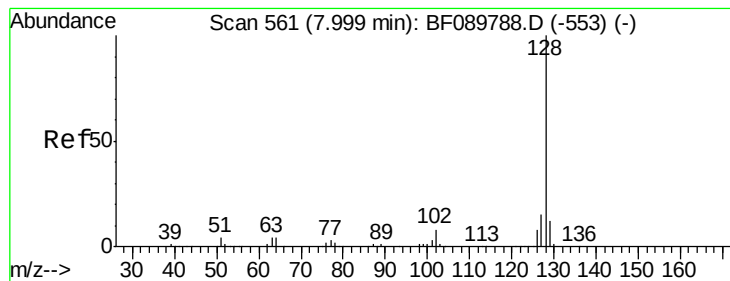


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.58 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

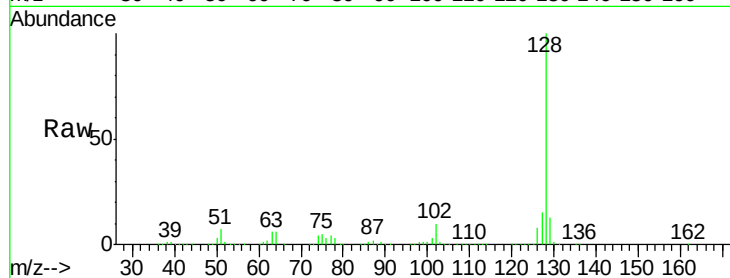
Tgt Ion:128 Resp: 3141666

Ion Ratio Lower Upper

128 100

129 12.5 9.5 14.3

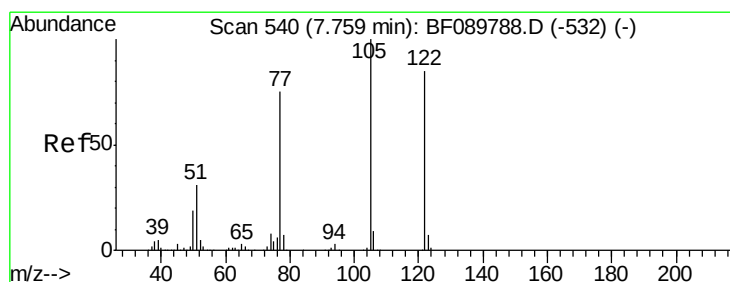
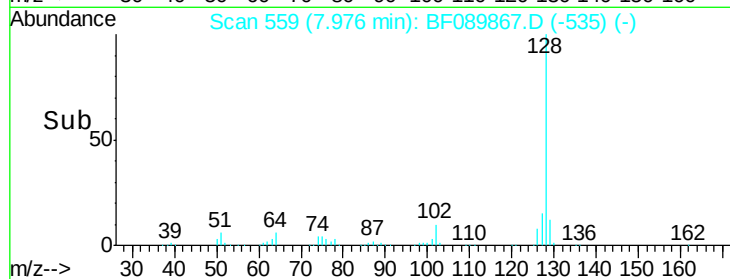
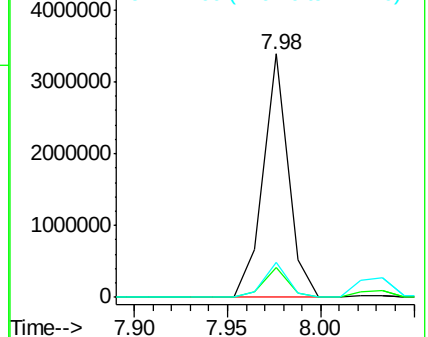
127 14.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.45 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

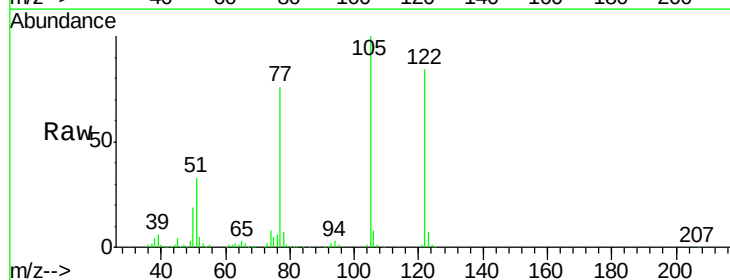
Tgt Ion:122 Resp: 512554

Ion Ratio Lower Upper

122 100

105 119.2 100.8 140.8

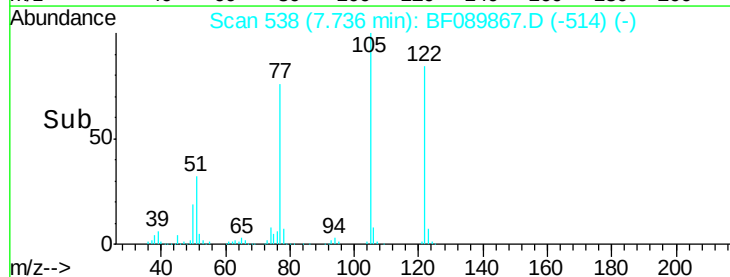
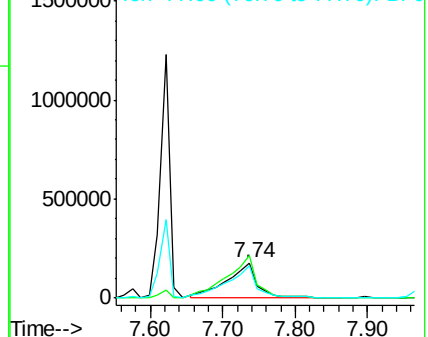
77 91.1 72.1 112.1

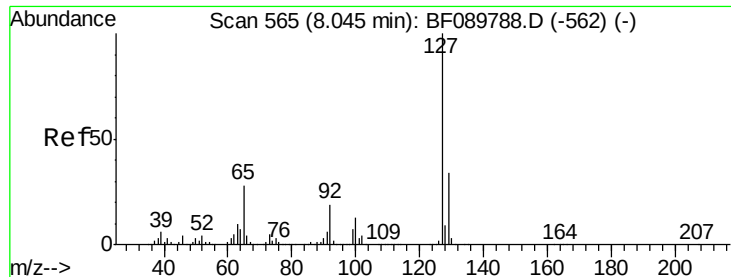


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

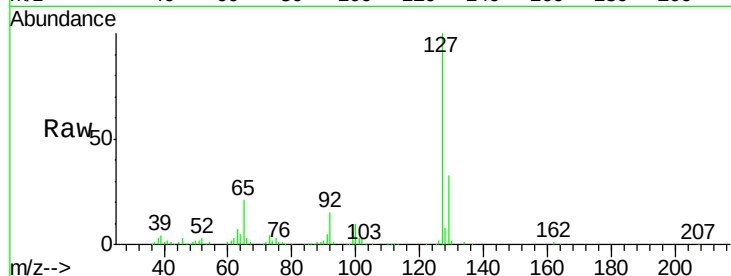




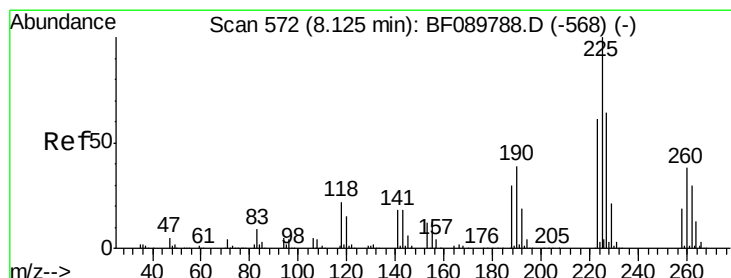
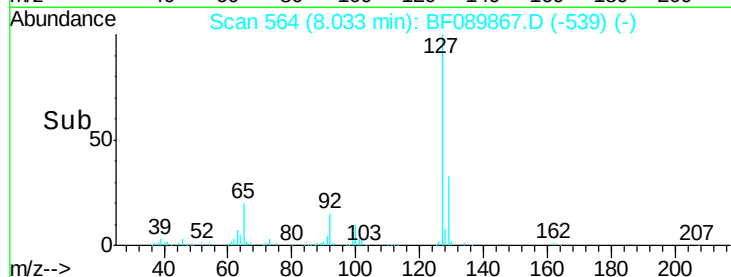
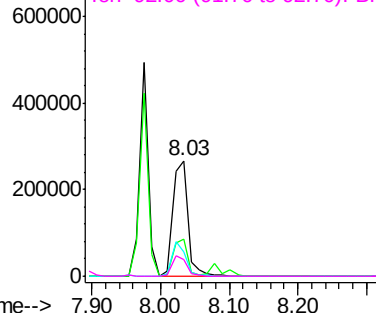
#33
4-Chloroaniline
Concen: 11.93 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tgt Ion:	127	Resp:	400199
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.0	40.6
65	20.7	14.7	22.1
92	14.9	11.7	17.5

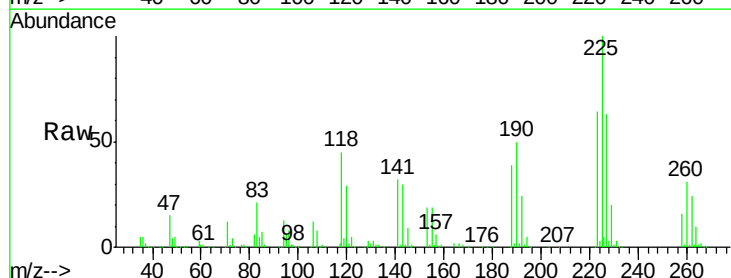


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

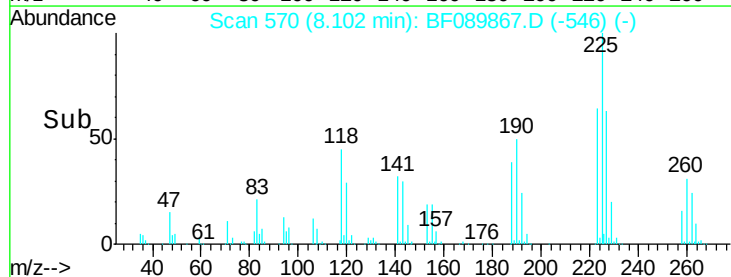
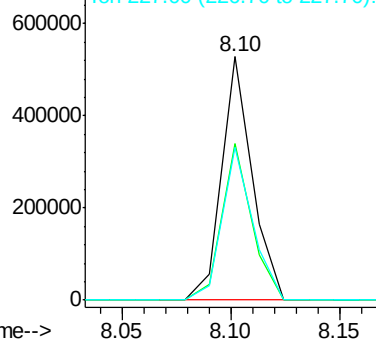


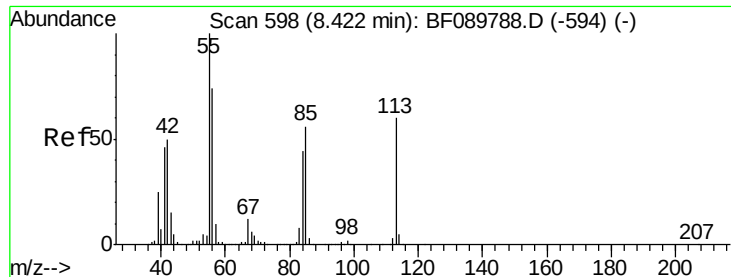
#34
Hexachlorobutadiene
Concen: 39.23 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:	225	Resp:	512916
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	62.9	49.8	74.6



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

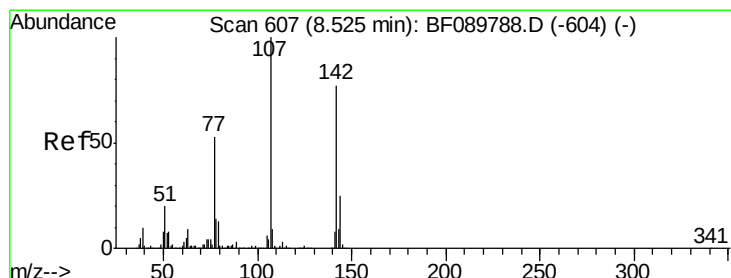
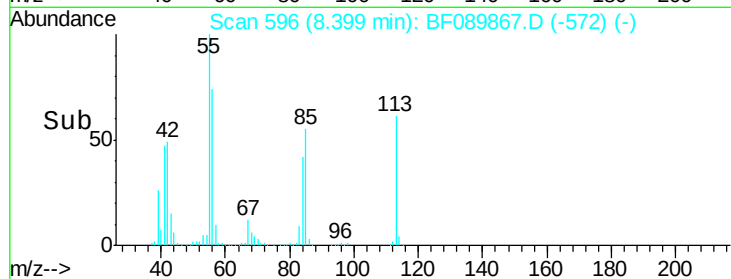
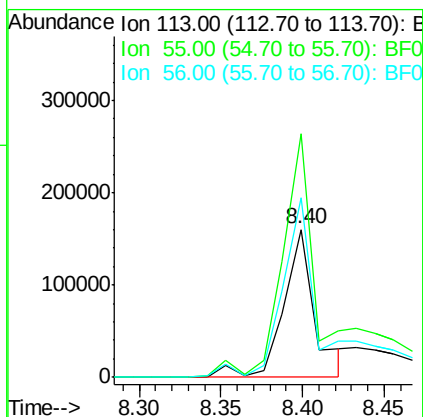
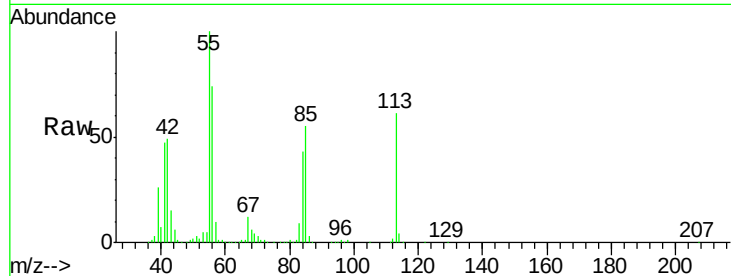




#35
 Caprolactam
 Concen: 30.92 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

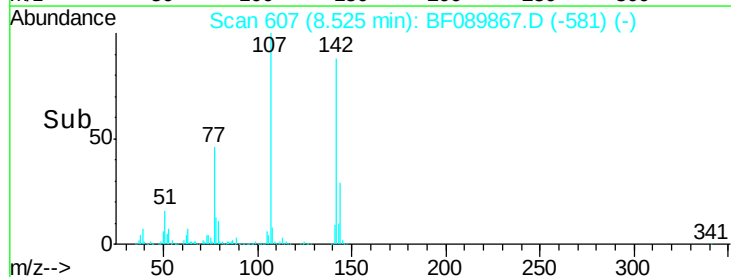
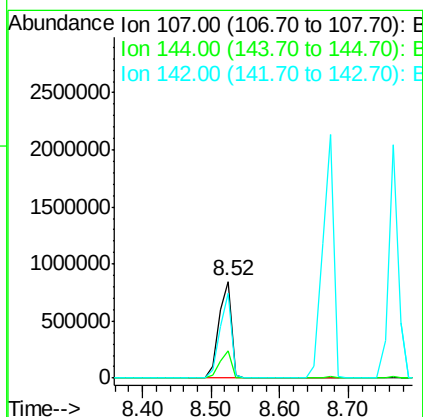
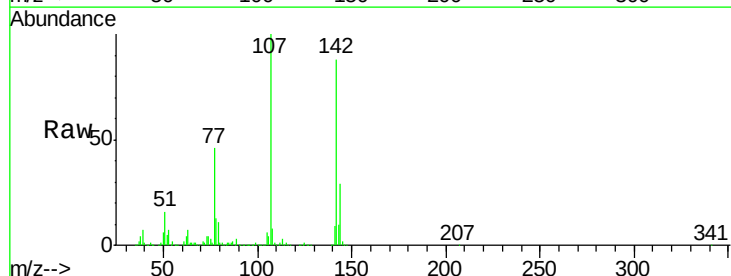
Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

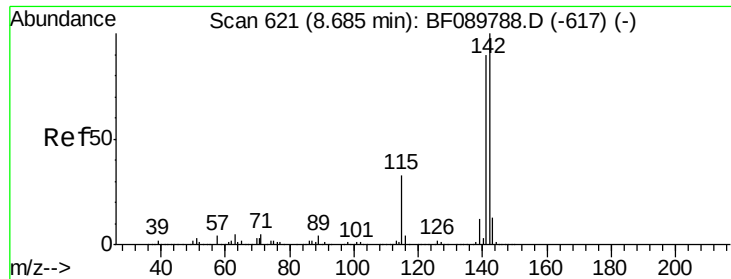
Tgt Ion:113 Resp: 212543
 Ion Ratio Lower Upper
 113 100
 55 164.9 135.9 175.9
 56 121.8 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.85 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:107 Resp: 1096431
 Ion Ratio Lower Upper
 107 100
 144 28.7 22.6 34.0
 142 88.0 69.3 103.9





#37

2-Methylnaphthalene

Concen: 46.87 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

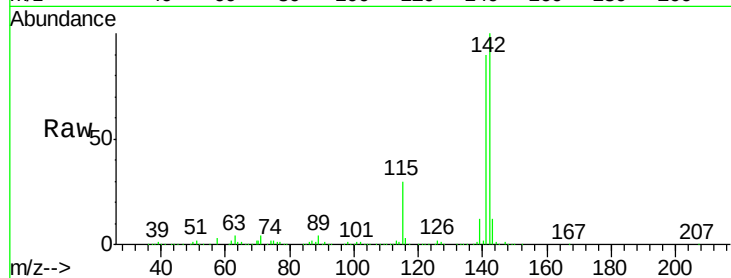
Tgt Ion:142 Resp: 2347718

Ion Ratio Lower Upper

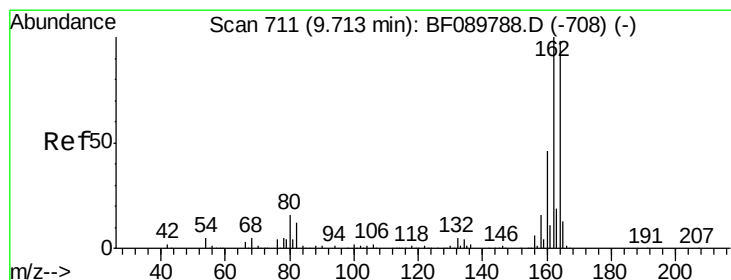
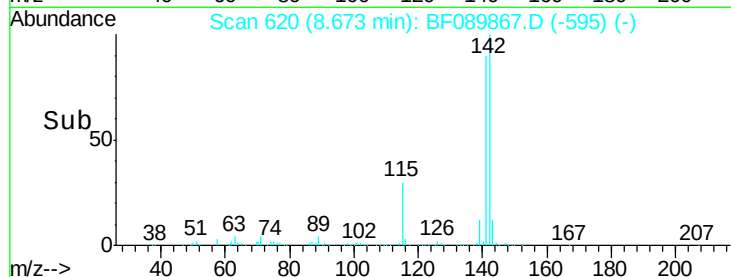
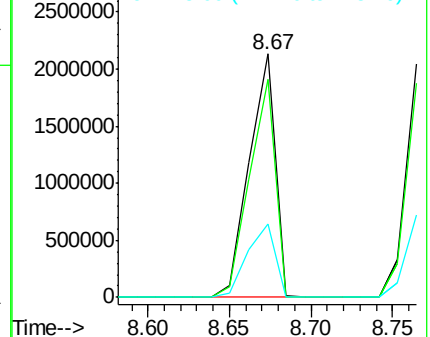
142 100

141 89.5 71.4 107.2

115 29.9 22.7 34.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

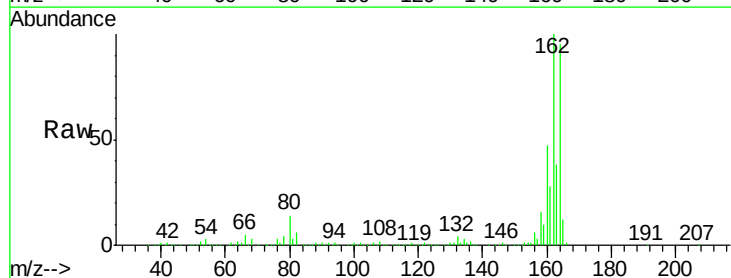
Tgt Ion:164 Resp: 812472

Ion Ratio Lower Upper

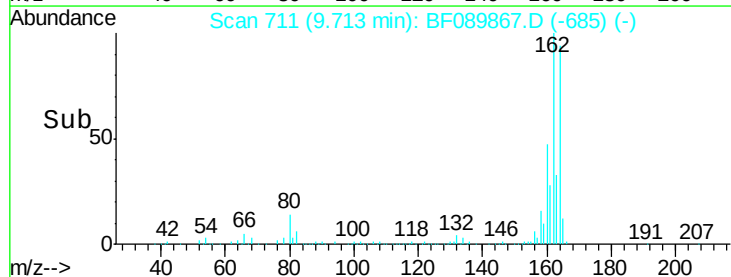
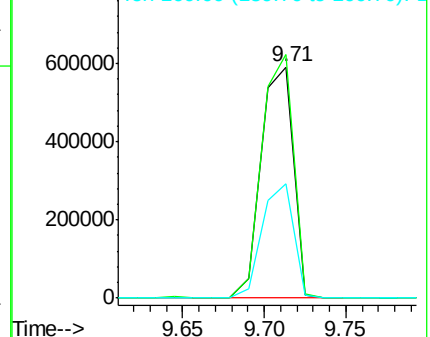
164 100

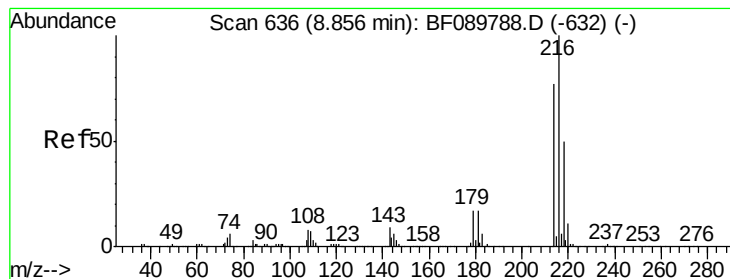
162 105.3 81.4 122.2

160 49.5 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.36 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

Tgt Ion:216 Resp: 746150

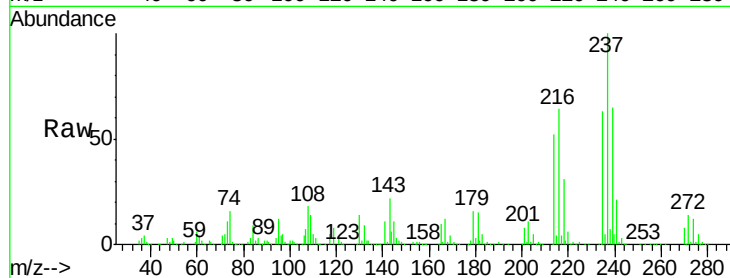
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 21.9 19.9 29.9

108 22.9 19.9 29.9

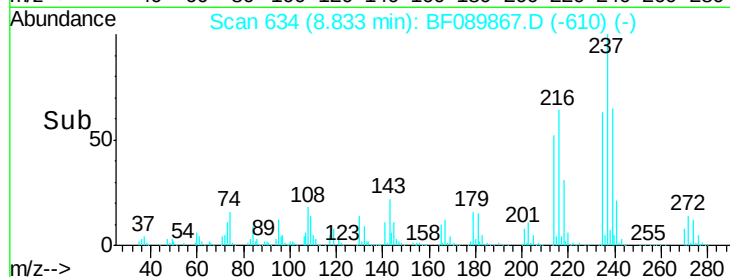


Abundance Ion 216.00 (215.70 to 216.70): E

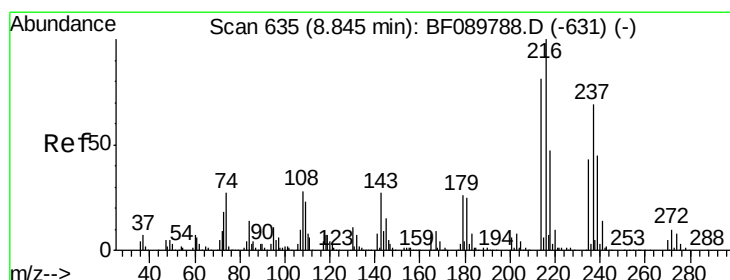
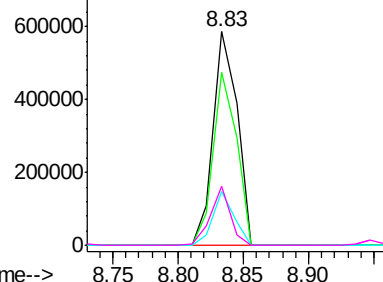
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 104.65 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

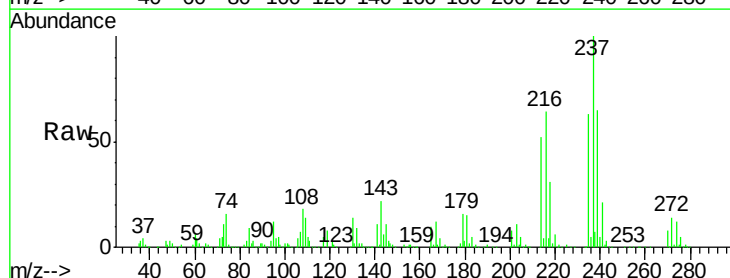
Tgt Ion:237 Resp: 955879

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

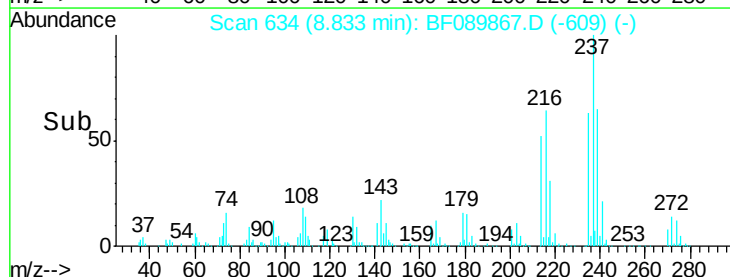
272 14.5 0.0 31.6



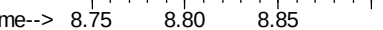
Abundance Ion 236.80 (236.50 to 237.50): E

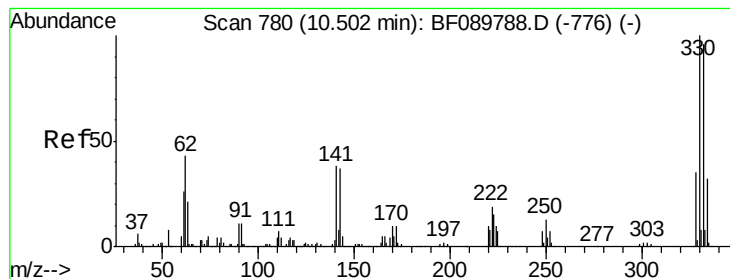
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

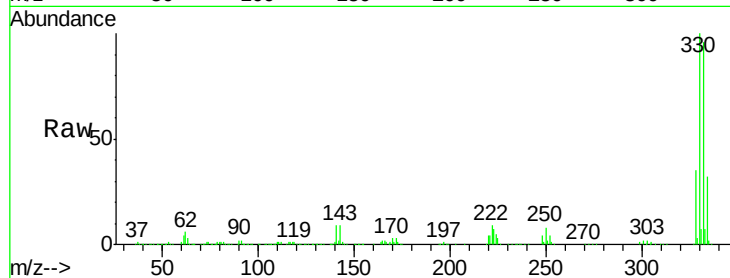




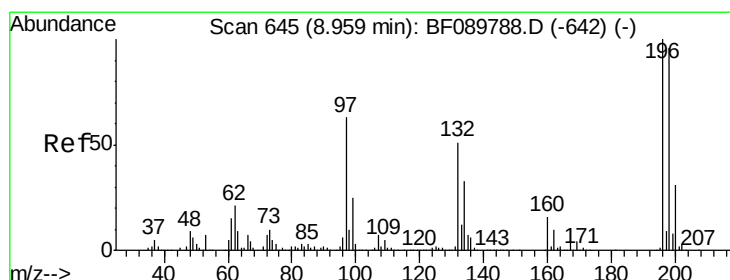
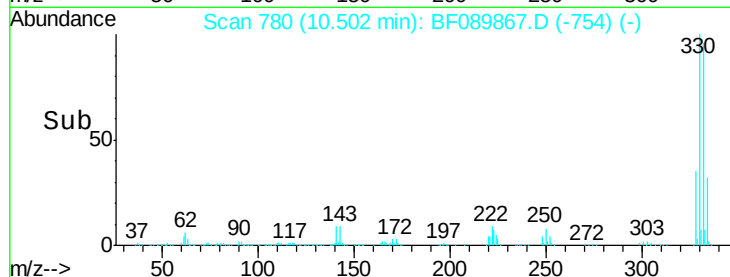
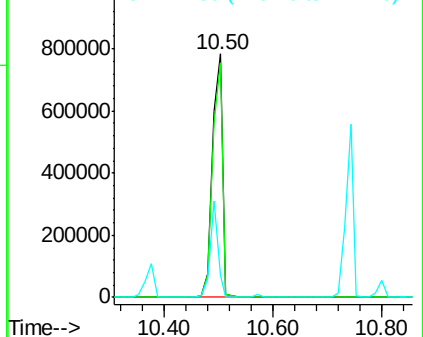
#41
 2,4,6-Tribromophenol
 Concen: 132.68 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tgt Ion:330 Resp: 1024480
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 30.6 30.2 45.2

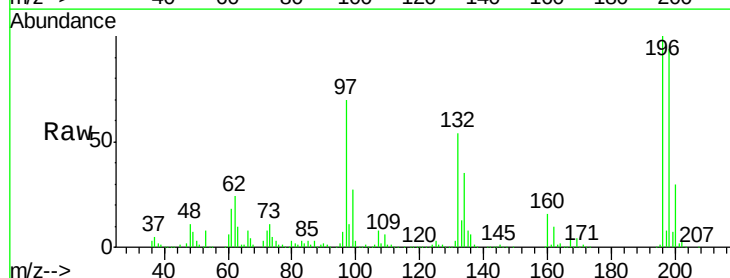


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

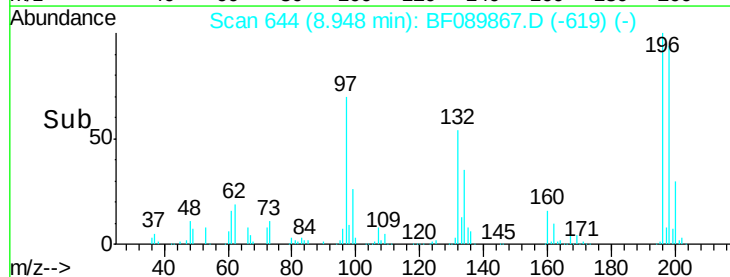
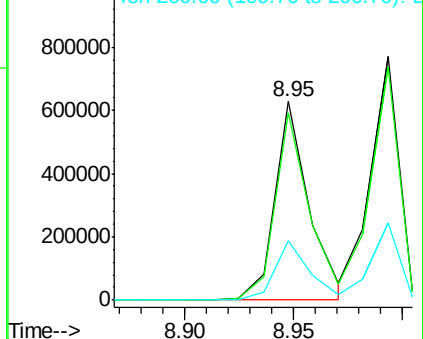


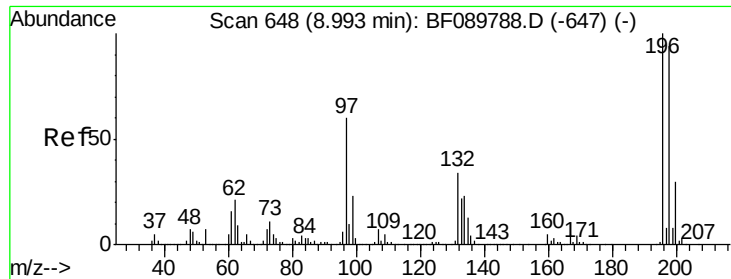
#42
 2,4,6-Trichlorophenol
 Concen: 41.62 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:196 Resp: 688856
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.3 114.5
 200 29.6 24.6 36.8



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

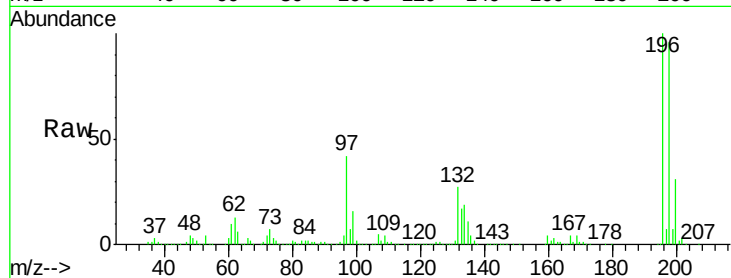




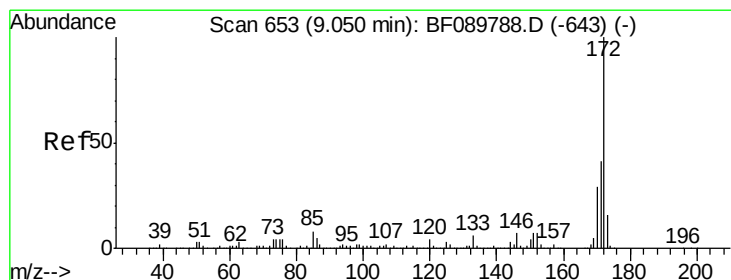
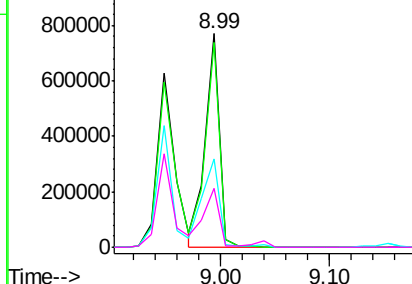
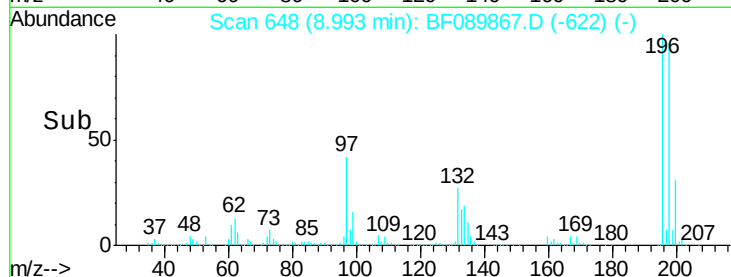
#43
 2,4,5-Trichlorophenol
 Concen: 42.98 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tgt Ion:196 Resp: 707526
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.6 114.8
 97 41.5 35.8 53.8
 132 27.5 23.5 35.3

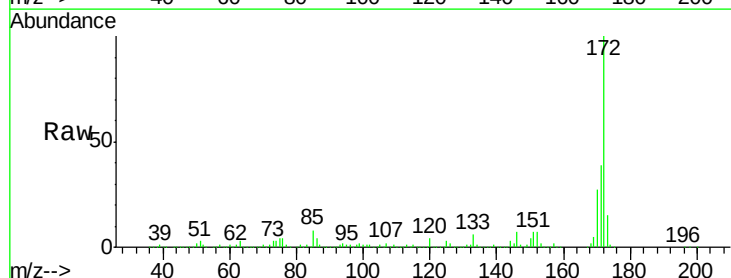


Abundance Ion 196.00 (195.70 to 196.70): E
 1200000
 Ion 198.00 (197.70 to 198.70): E
 1000000
 Ion 97.00 (96.70 to 97.70): BF0
 800000
 Ion 132.00 (131.70 to 132.70): E
 600000
 400000
 200000
 0

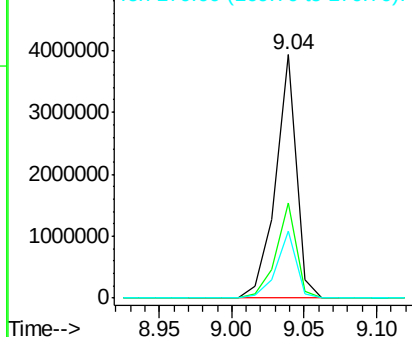
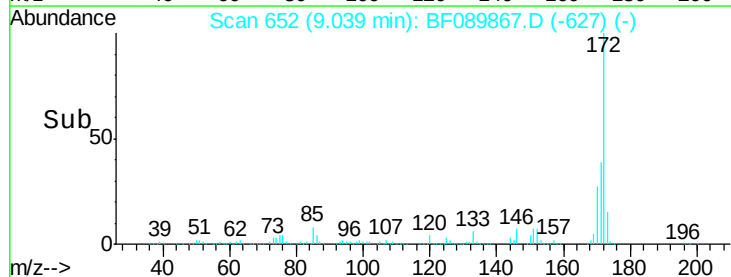


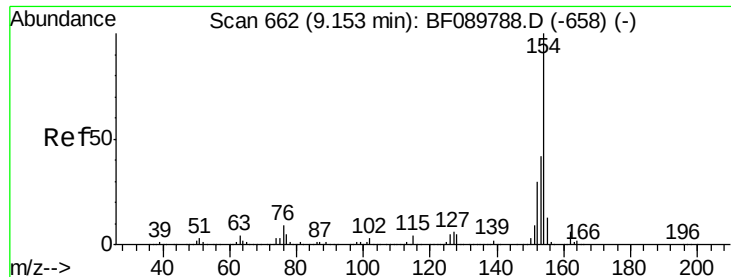
#44
 2-Fluorobiphenyl
 Concen: 84.57 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:172 Resp: 3909585
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.5 45.7
 170 27.3 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 5000000
 Ion 171.00 (170.70 to 171.70): E
 4000000
 Ion 170.00 (169.70 to 170.70): E
 3000000
 2000000
 1000000
 0

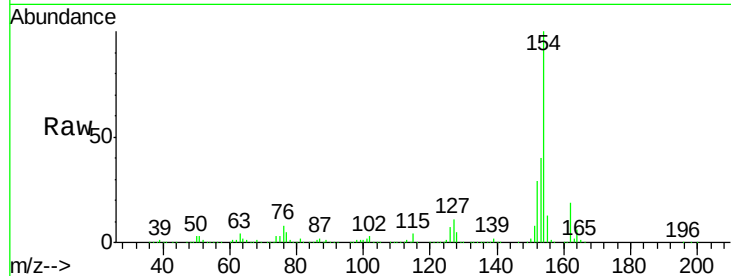




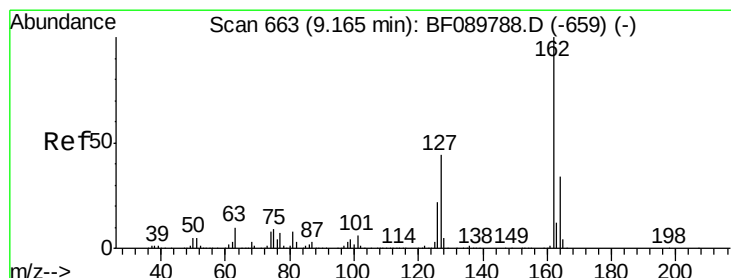
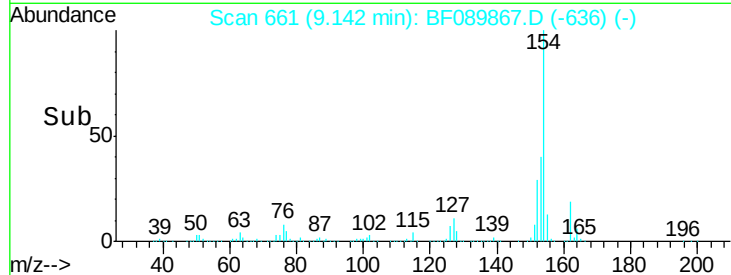
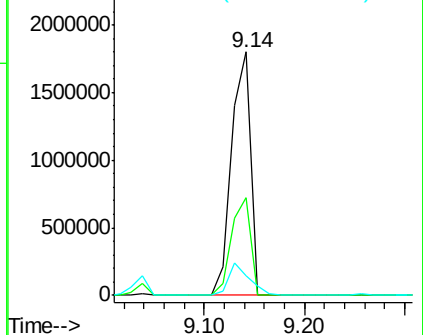
#45
 1,1'-Biphenyl
 Concen: 37.42 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tgt Ion:154 Resp: 2352476
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.5 61.5
 76 8.3 0.0 36.7

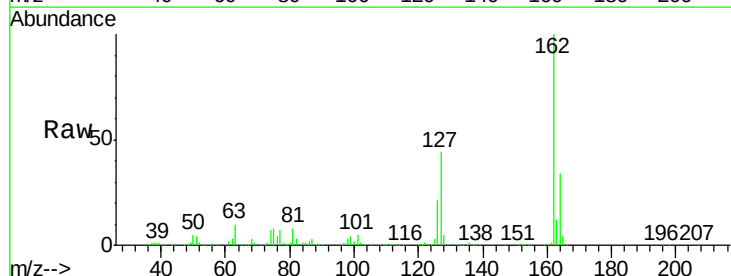


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

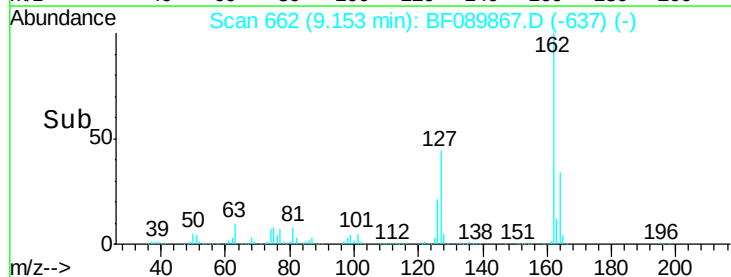
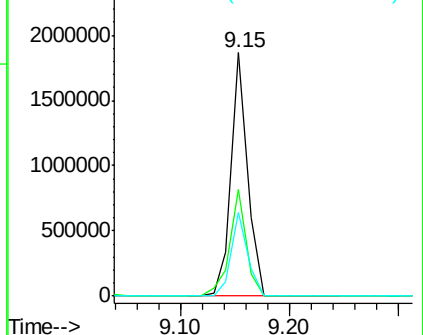


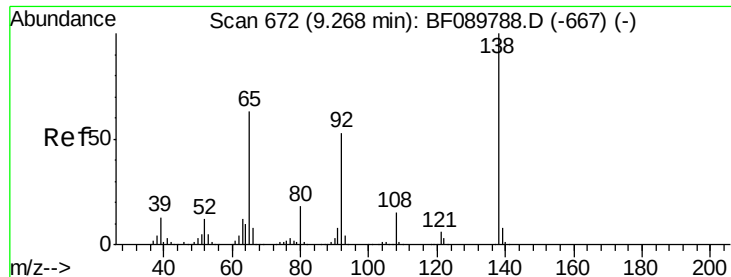
#46
 2-Chloronaphthalene
 Concen: 39.08 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:162 Resp: 1942104
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.5 53.3
 164 34.4 26.6 40.0



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





#47

2-Nitroaniline

Concen: 49.11 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

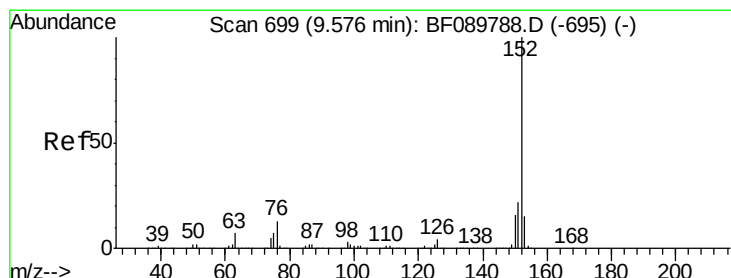
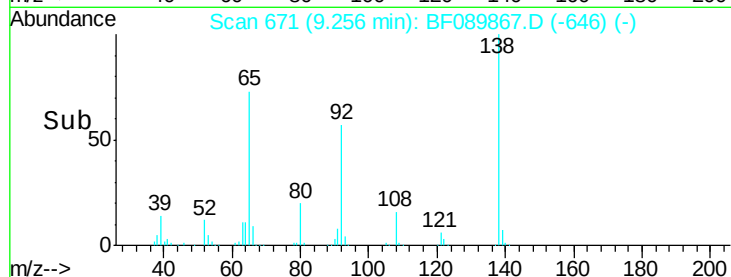
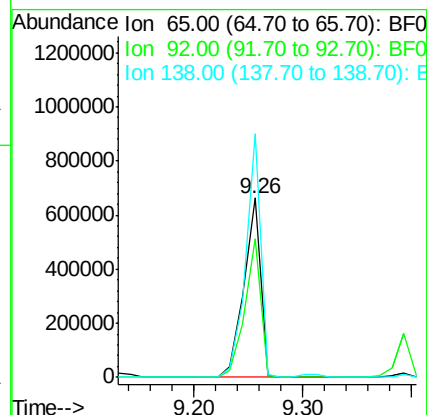
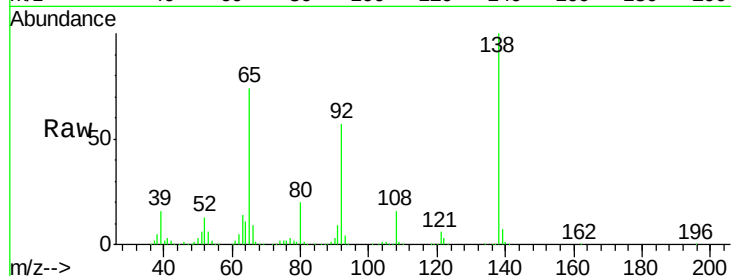
Tgt Ion: 65 Resp: 696209

Ion Ratio Lower Upper

65 100

92 77.2 56.3 84.5

138 135.8 81.8 122.8#



#48

Acenaphthylene

Concen: 41.30 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

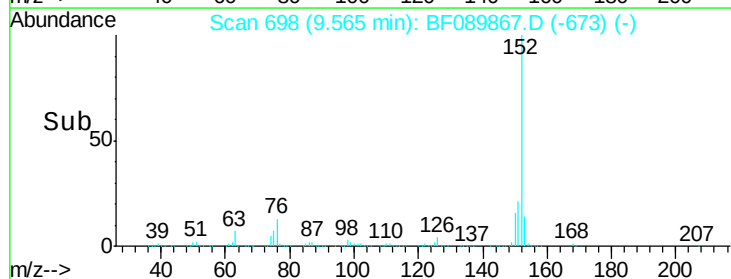
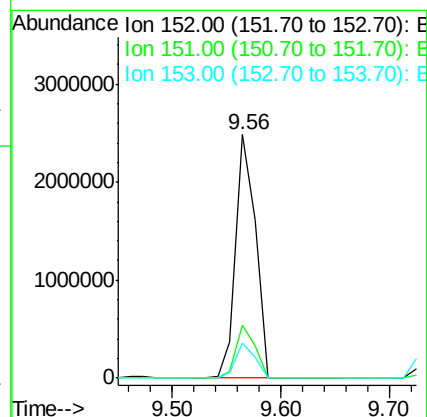
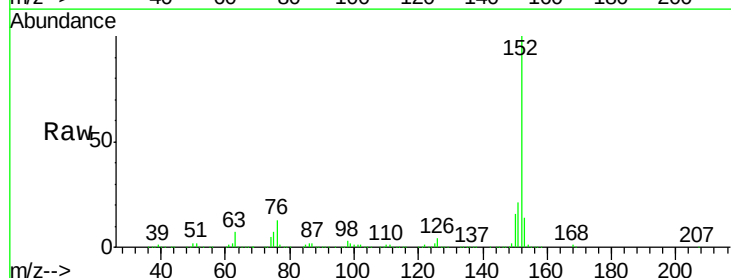
Tgt Ion: 152 Resp: 3084383

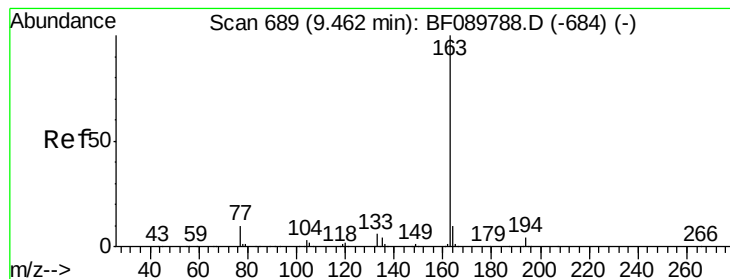
Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

153 14.4 11.2 16.8





#49

Dimethylphthalate

Concen: 45.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

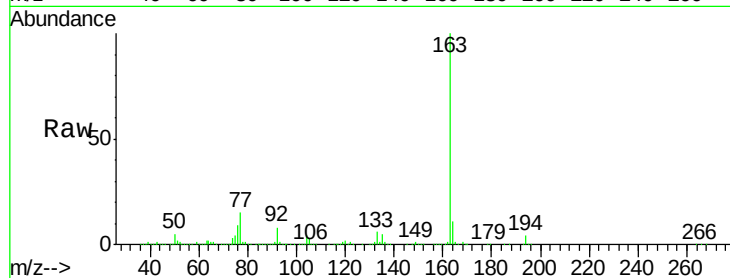
Tgt Ion:163 Resp: 2574083

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

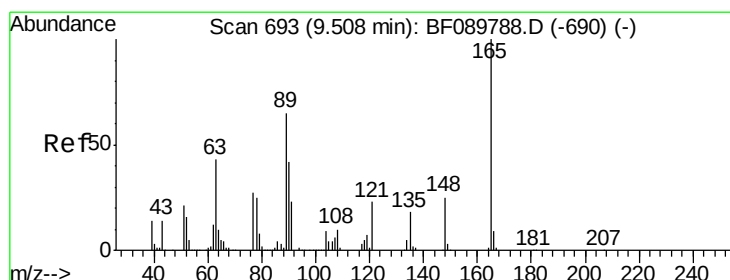
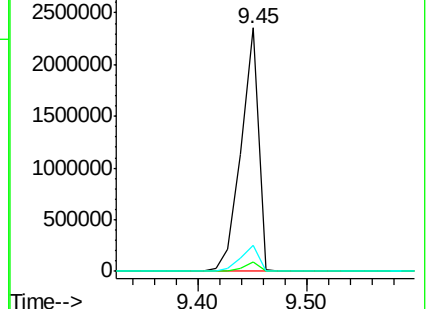
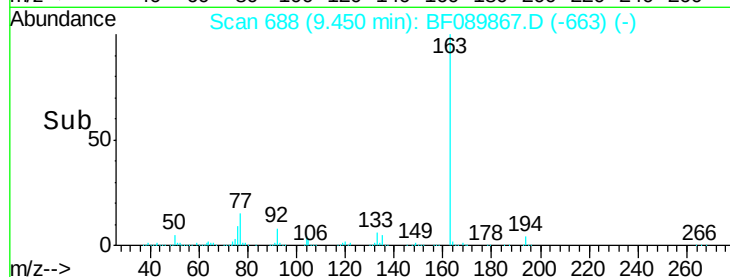
164 10.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.11 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

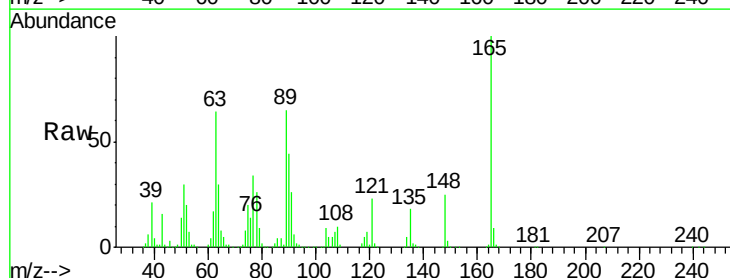
Tgt Ion:165 Resp: 516578

Ion Ratio Lower Upper

165 100

63 64.5 41.7 62.5#

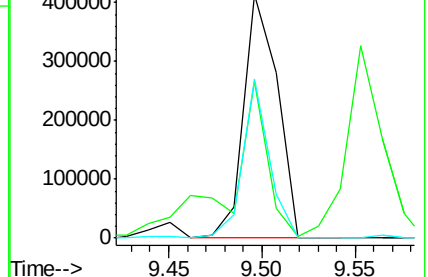
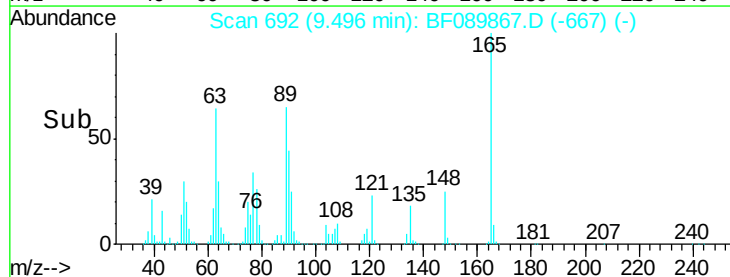
89 65.4 44.6 67.0

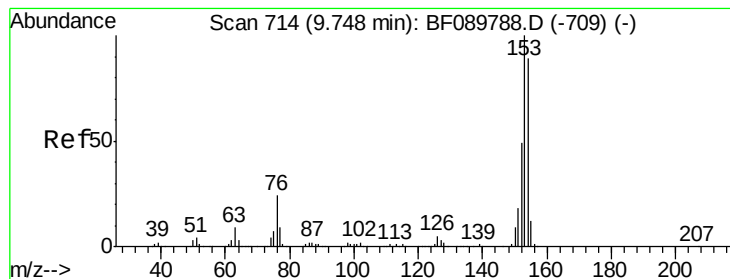


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.72 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

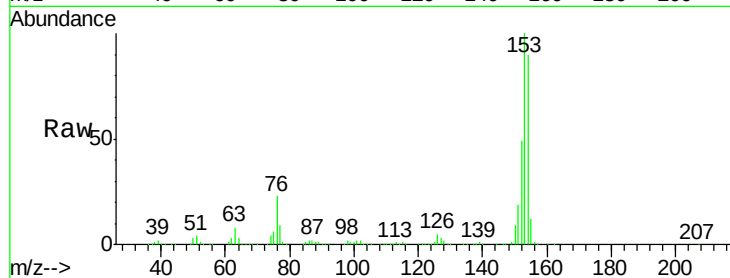
Tgt Ion:154 Resp: 2309215

Ion Ratio Lower Upper

154 100

153 111.1 90.5 135.7

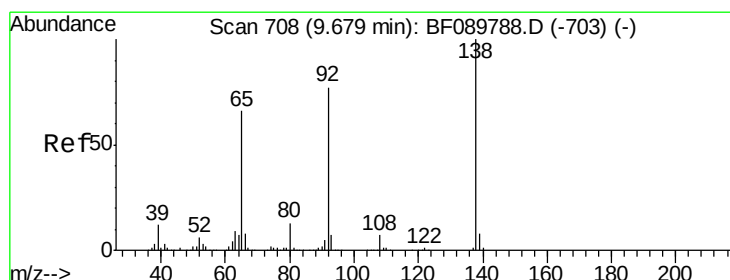
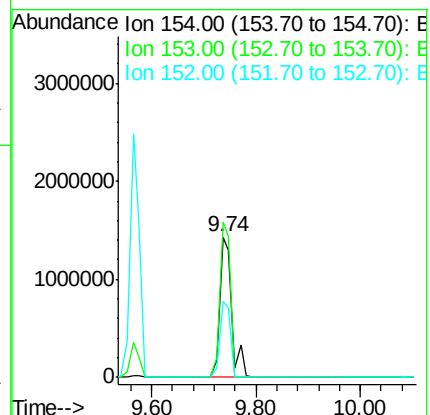
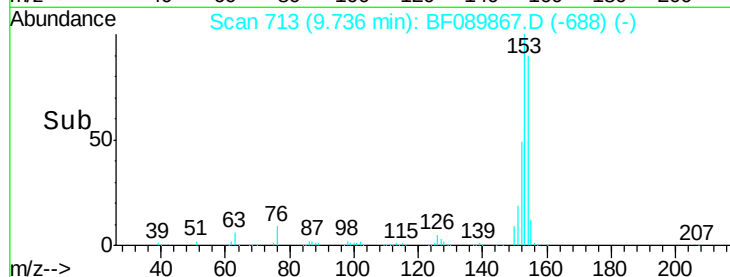
152 54.6 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.55 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

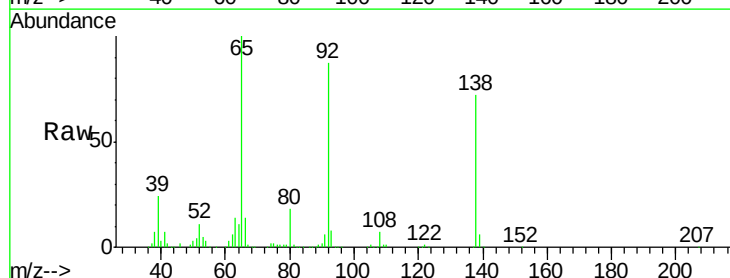
Tgt Ion:138 Resp: 286023

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

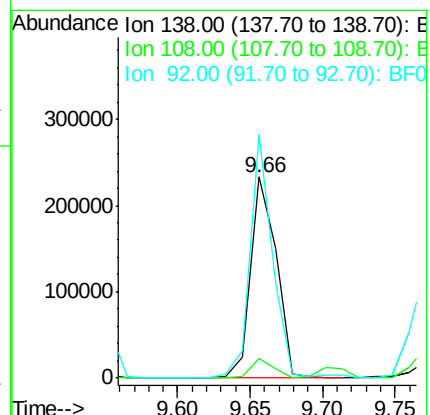
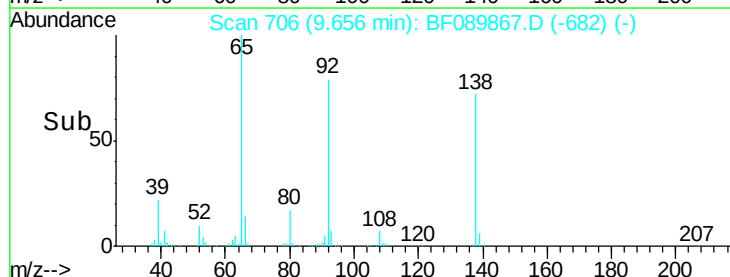
92 121.1 92.7 139.1

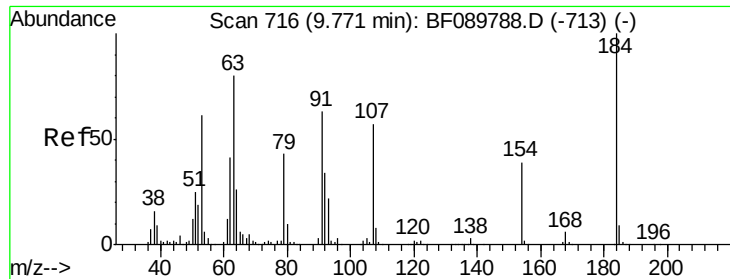


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

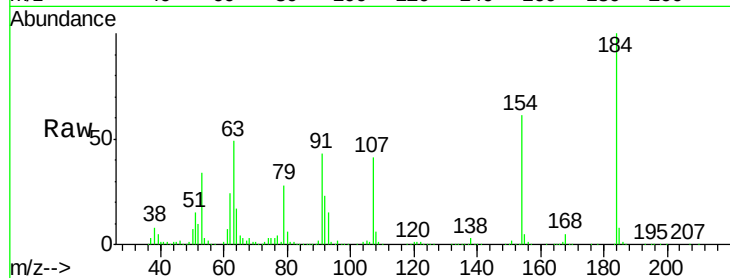




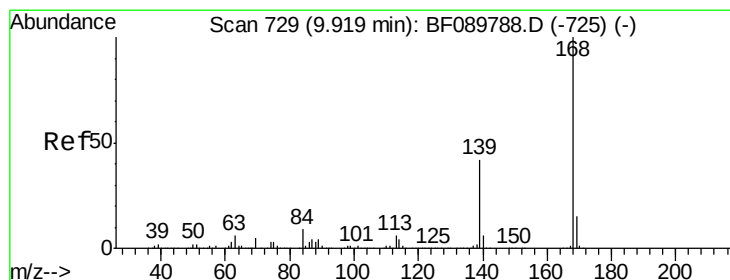
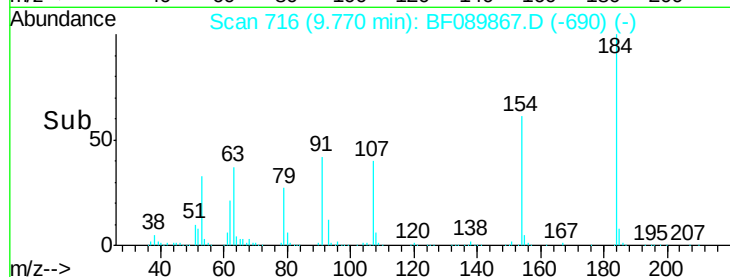
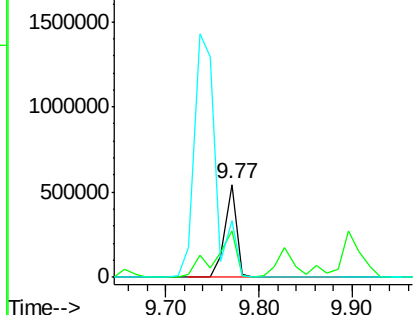
#53
2,4-Dinitrophenol
Concen: 67.29 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tgt Ion:184 Resp: 486640
Ion Ratio Lower Upper
184 100
63 49.4 54.2 81.4#
154 61.4 52.7 79.1

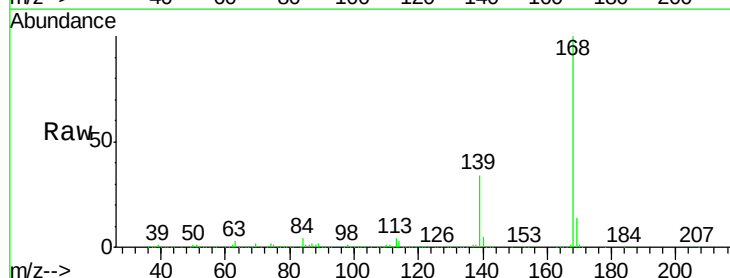


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

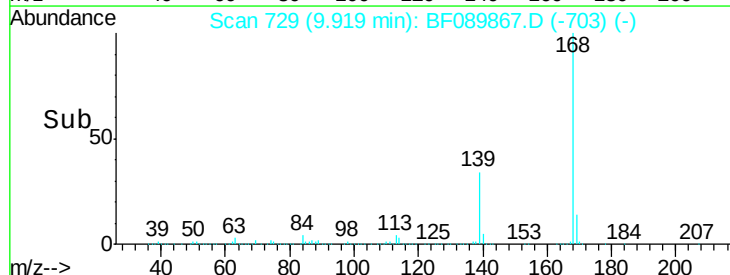
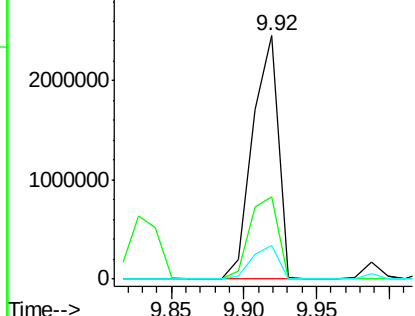


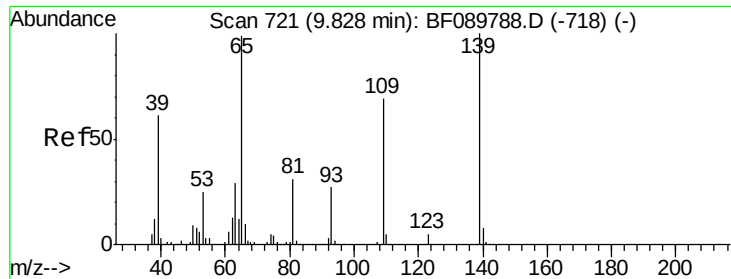
#54
Dibenzofuran
Concen: 48.40 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:168 Resp: 3004790
Ion Ratio Lower Upper
168 100
139 34.1 34.6 52.0#
169 13.8 11.5 17.3



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

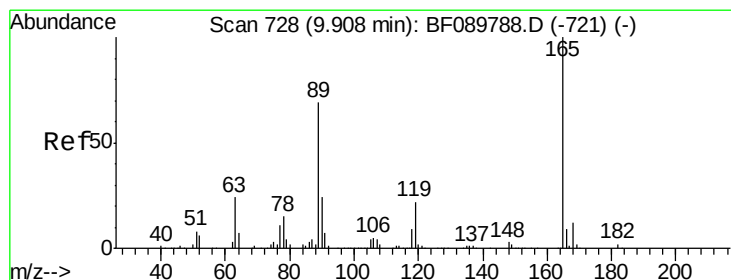
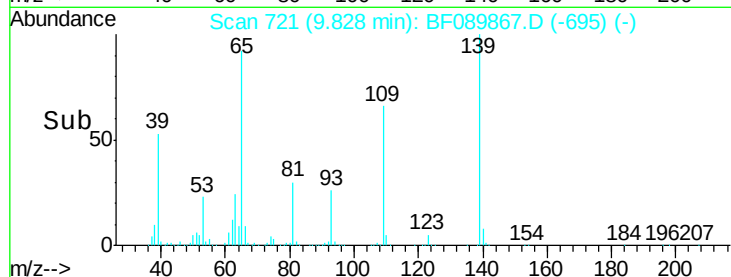
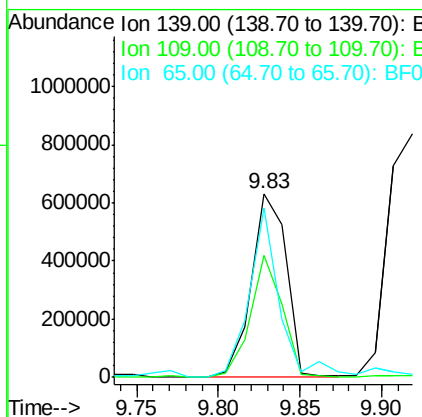
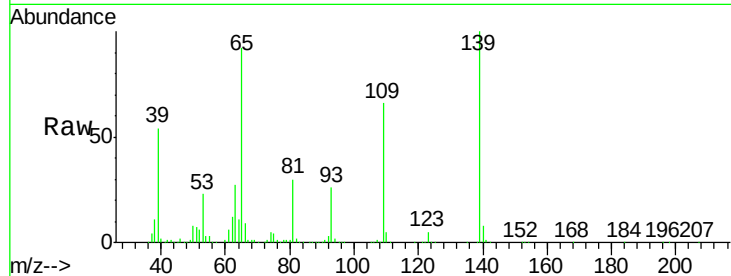




#55
4-Nitrophenol
Concen: 79.18 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

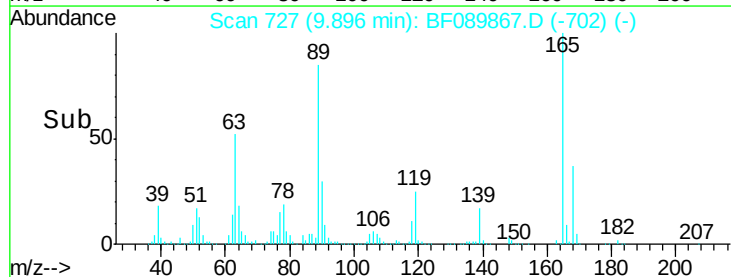
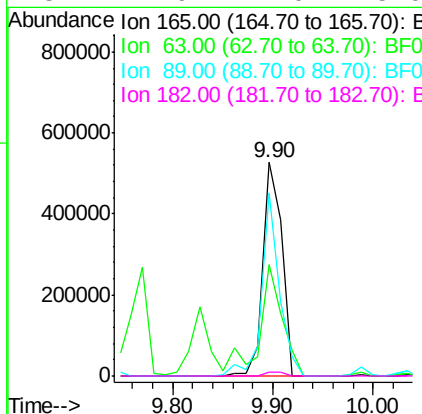
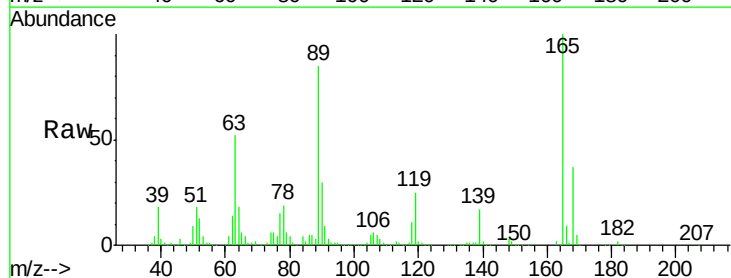
Instrument :
BNA_F
ClientSampleId :
PB93047BS

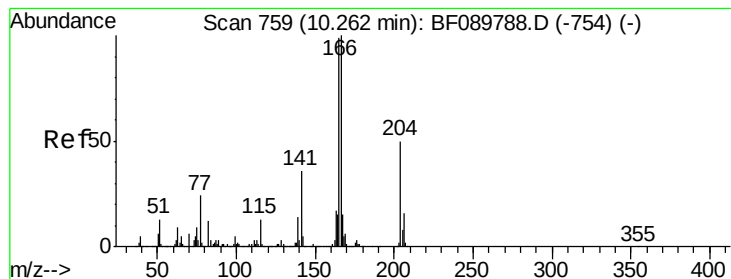
Tgt Ion:139 Resp: 945665
Ion Ratio Lower Upper
139 100
109 66.3 43.0 83.0
65 92.0 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 40.25 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:165 Resp: 689738
Ion Ratio Lower Upper
165 100
63 52.1 23.7 35.5#
89 85.5 44.0 66.0#
182 1.9 2.0 3.0#





#57

Fluorene

Concen: 42.23 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

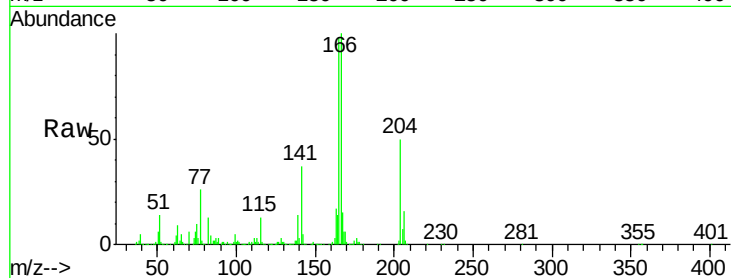
Tgt Ion:166 Resp: 2089421

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

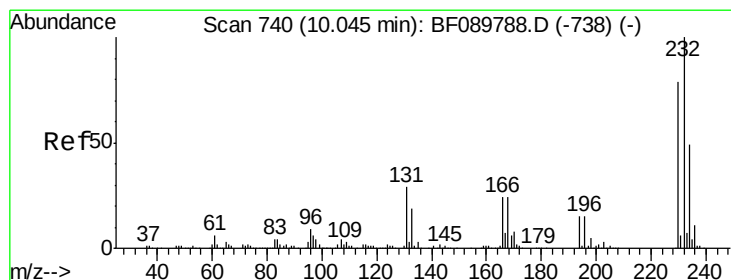
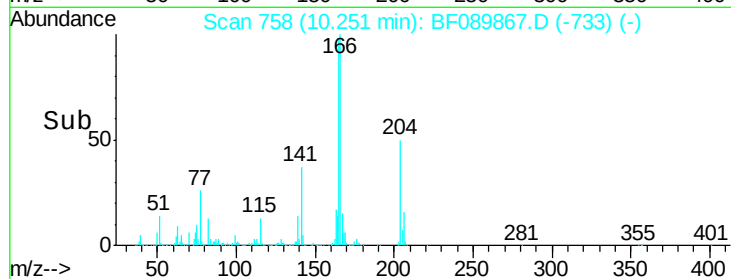
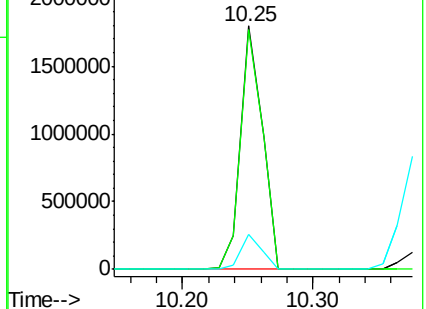
167 14.5 11.3 16.9



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: 48.34 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion:232 Resp: 579138

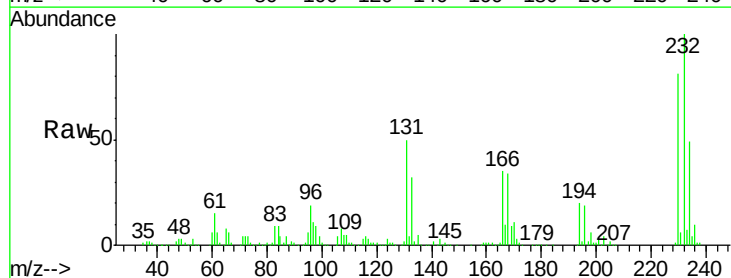
Ion Ratio Lower Upper

232 100

131 51.9 42.5 63.7

130 2.5 2.2 3.4

166 34.7 27.3 40.9

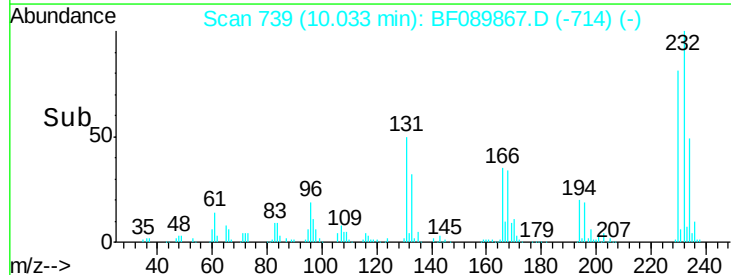
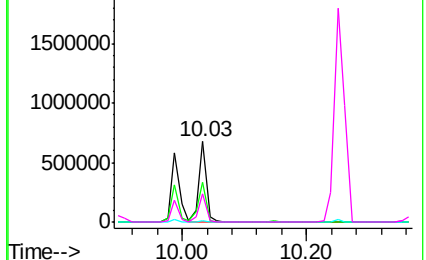


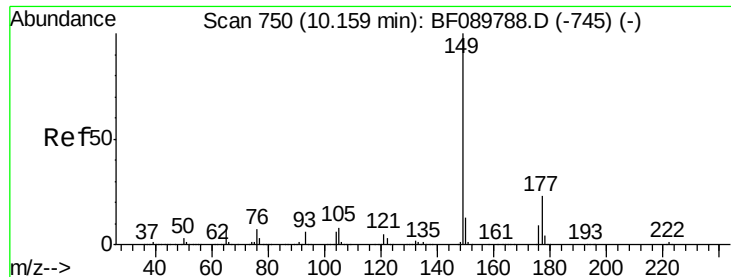
Abundance Ion 232.00 (231.70 to 232.70): E

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

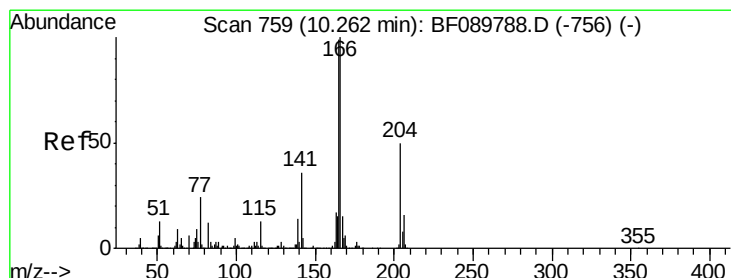
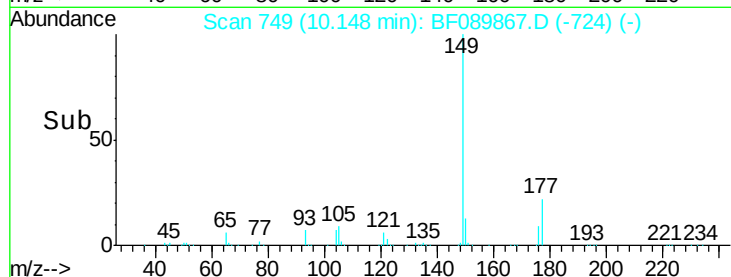
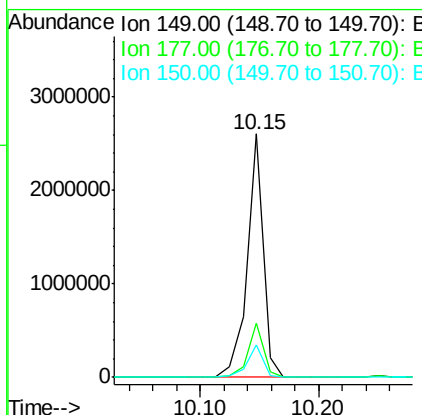
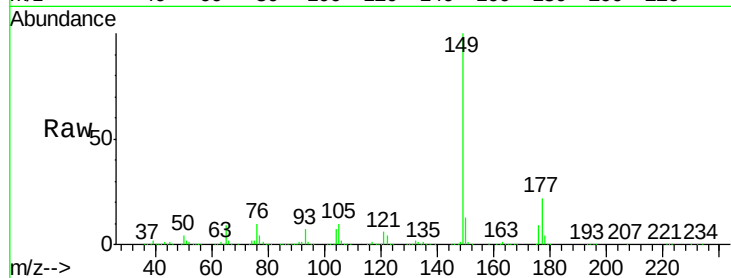




#59
Diethylphthalate
Concen: 42.26 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

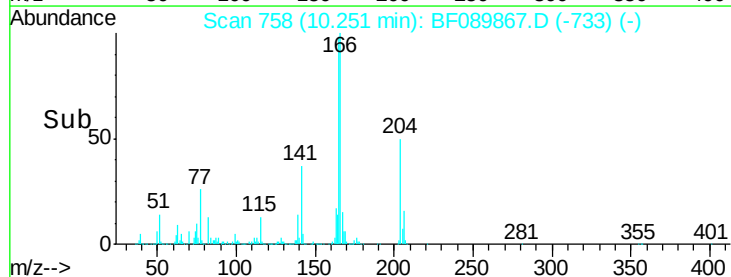
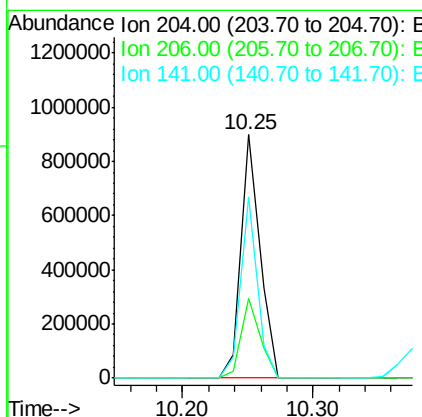
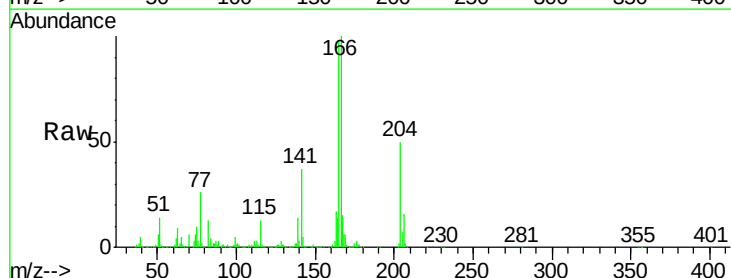
Instrument :
BNA_F
ClientSampleId :
PB93047BS

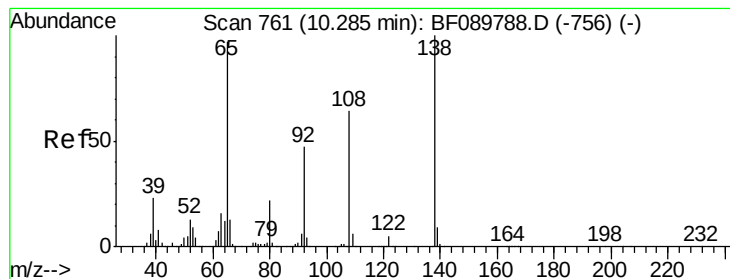
Tgt Ion:149 Resp: 2455655
Ion Ratio Lower Upper
149 100
177 22.3 16.6 25.0
150 13.3 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 40.23 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:204 Resp: 907953
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 74.3 54.1 81.1





#61

4-Nitroaniline

Concen: 43.80 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

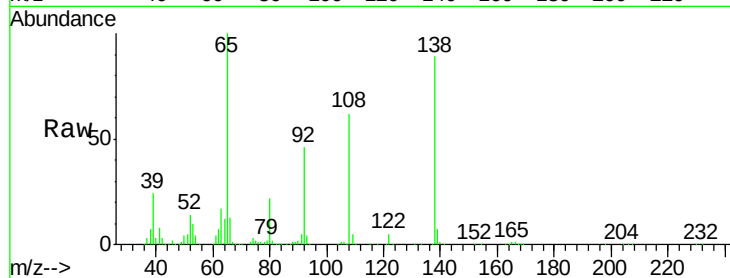
Tgt Ion:138 Resp: 600889

Ion Ratio Lower Upper

138 100

92 51.4 26.4 66.4

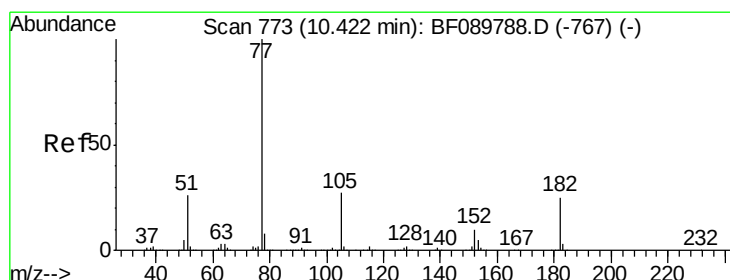
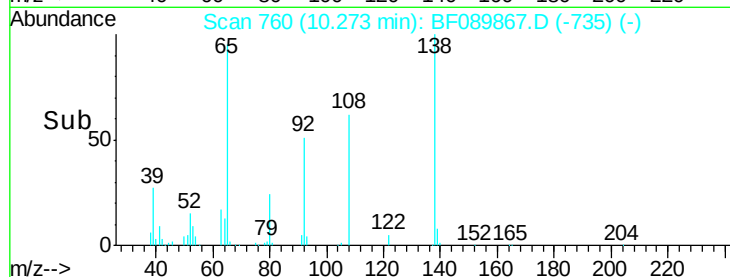
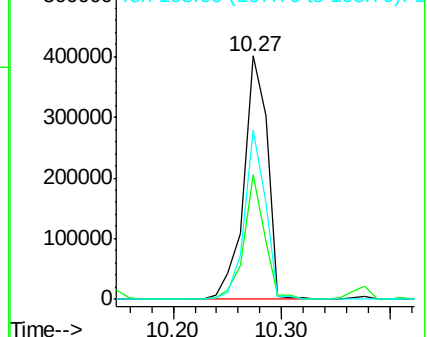
108 69.5 47.0 87.0



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: 44.31 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Tgt Ion: 77 Resp: 2421007

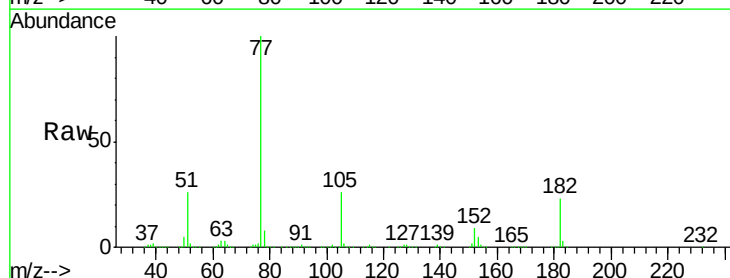
Ion Ratio Lower Upper

77 100

182 22.7 5.6 45.6

105 26.1 4.0 44.0

51 25.9 7.8 47.8

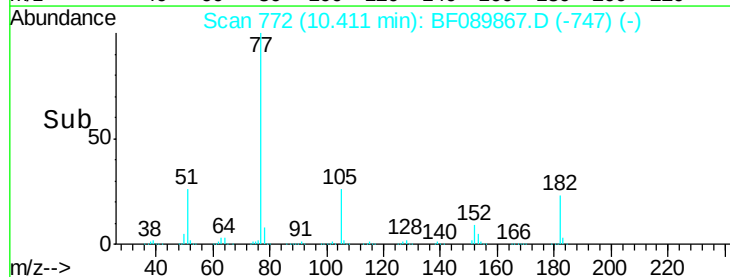
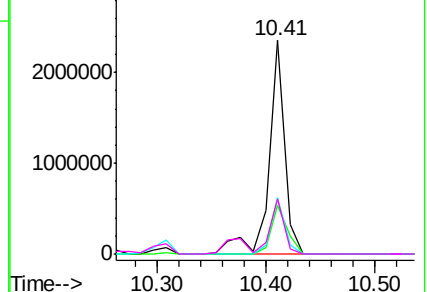


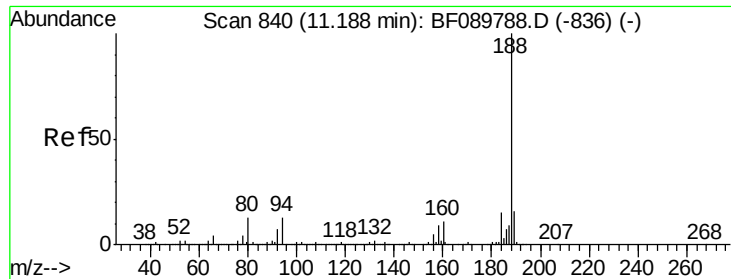
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

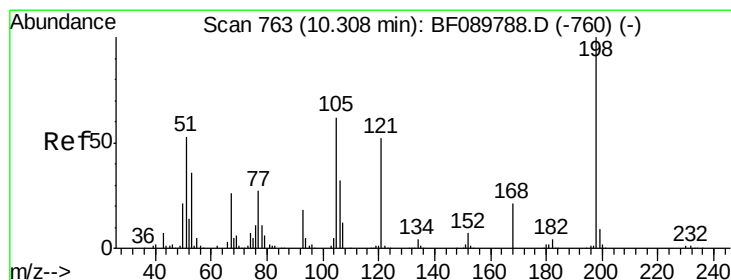
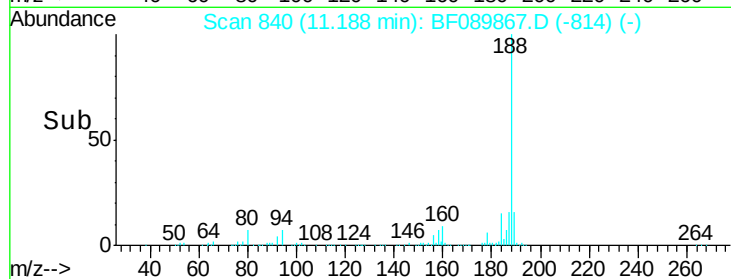
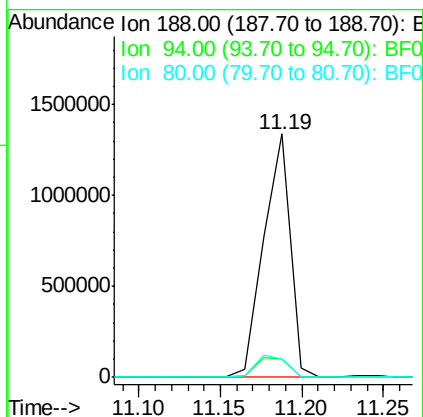
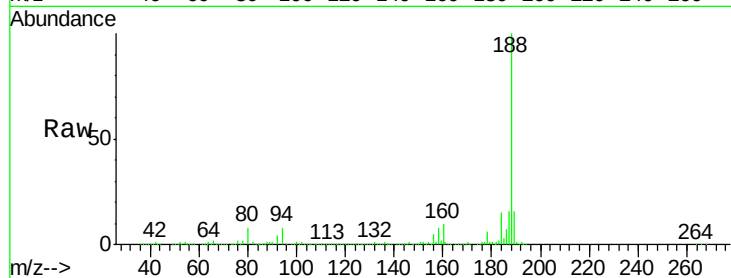




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

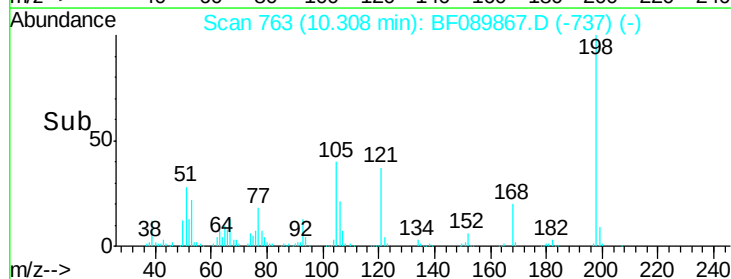
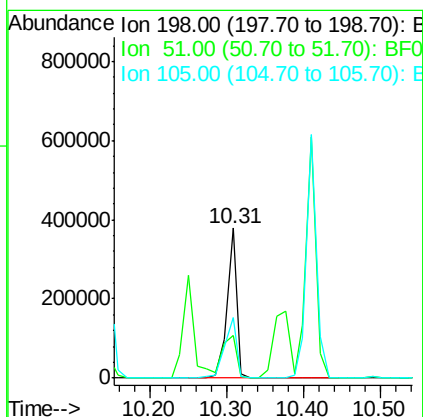
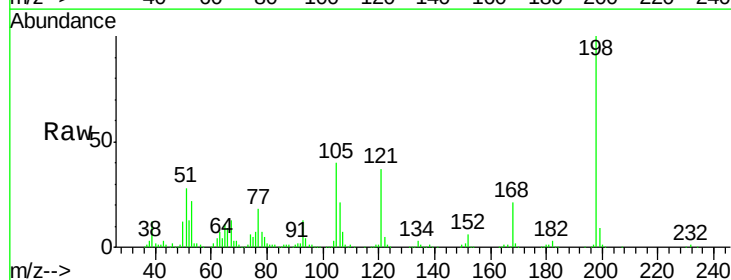
Instrument :
BNA_F
ClientSampleId :
PB93047BS

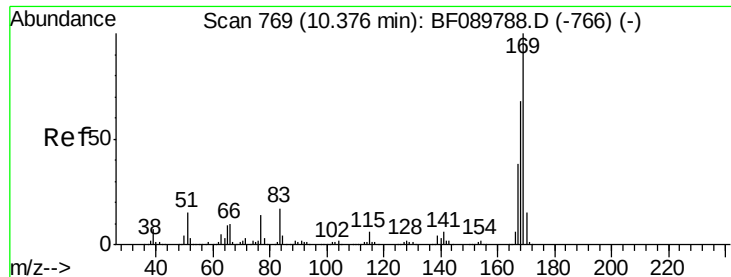
Tgt Ion:188 Resp: 1520034
Ion Ratio Lower Upper
188 100
94 7.7 10.2 15.2#
80 7.6 10.9 16.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.59 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:198 Resp: 345778
Ion Ratio Lower Upper
198 100
51 28.3 32.3 72.3#
105 40.3 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 44.89 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

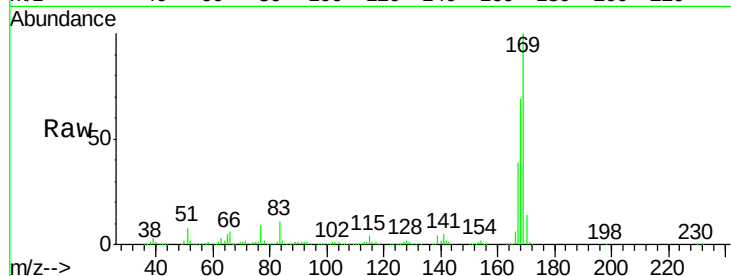
Tgt Ion:169 Resp: 2145230

Ion Ratio Lower Upper

169 100

168 69.0 54.6 82.0

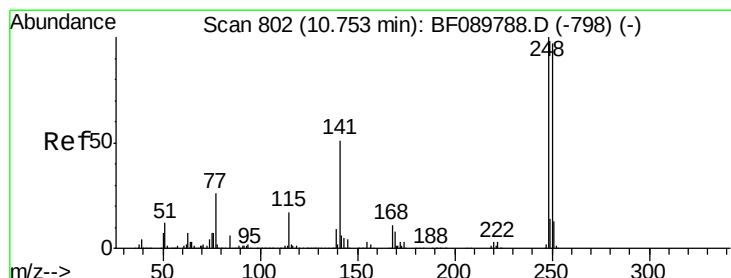
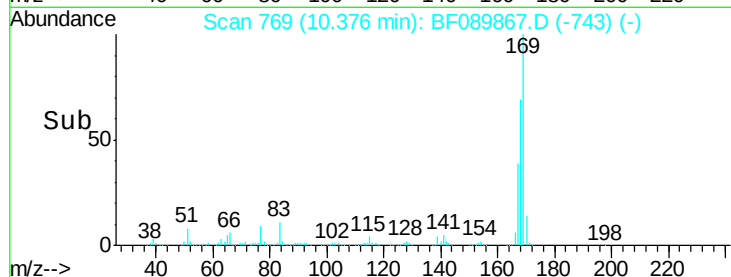
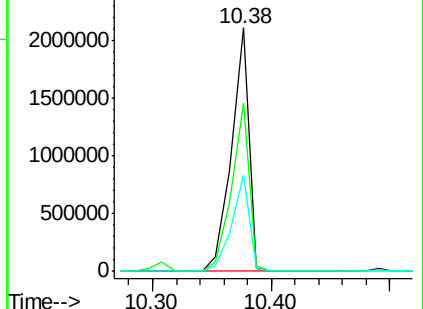
167 39.4 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.07 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

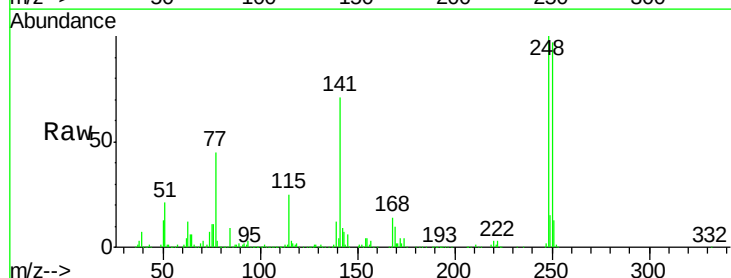
Tgt Ion:248 Resp: 670392

Ion Ratio Lower Upper

248 100

250 97.2 78.6 117.8

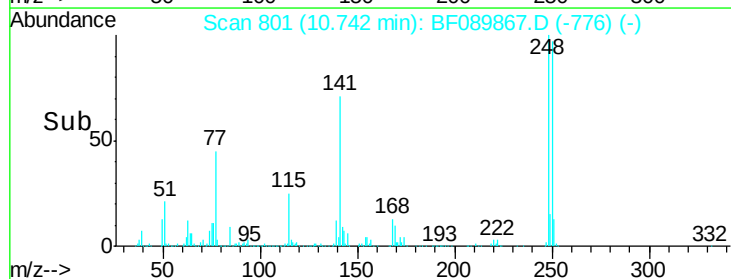
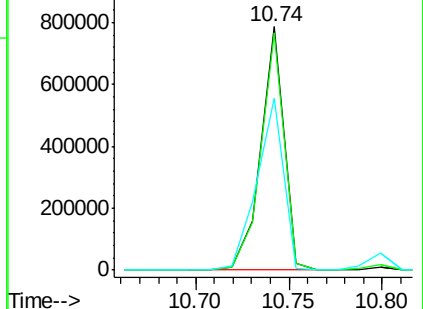
141 70.8 31.4 47.2#

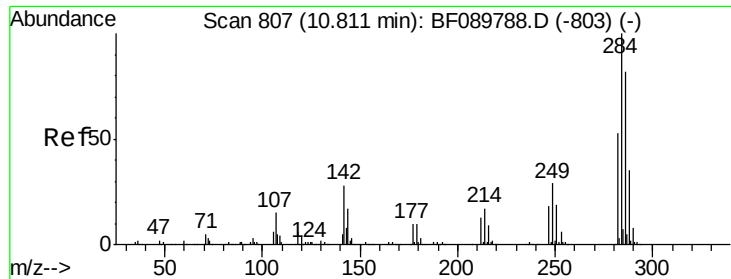


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

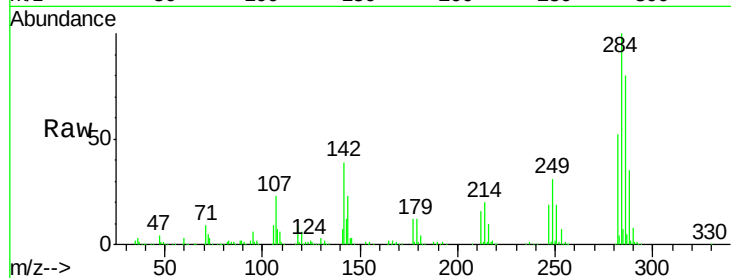




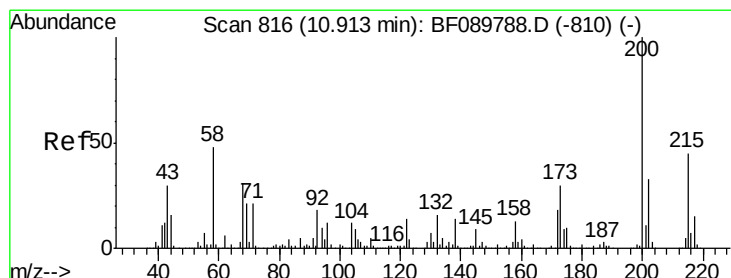
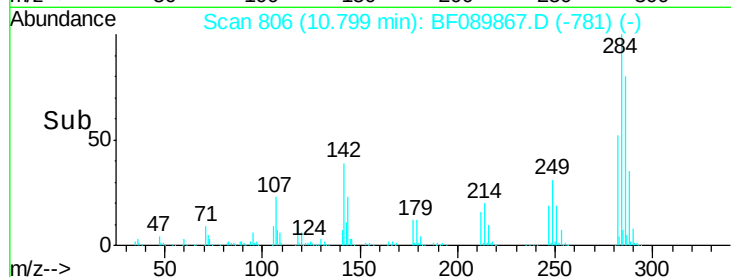
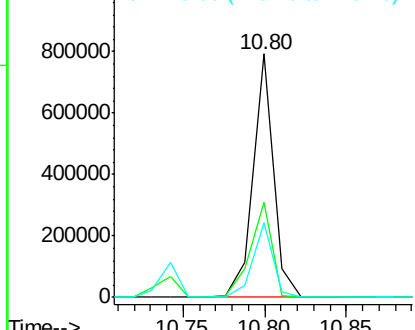
#67
Hexachlorobenzene
Concen: 38.12 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tgt Ion:284 Resp: 692985
Ion Ratio Lower Upper
284 100
142 39.2 17.4 26.2#
249 30.6 22.8 34.2

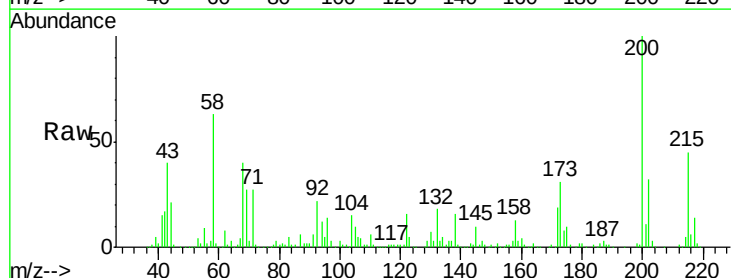


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

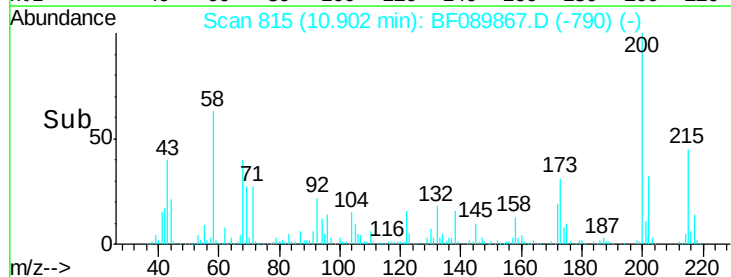
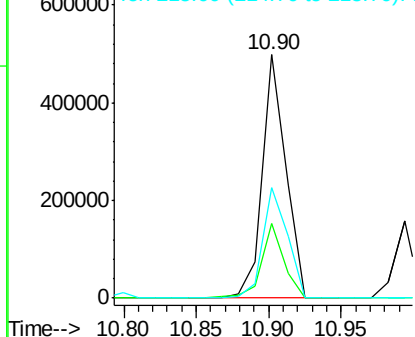


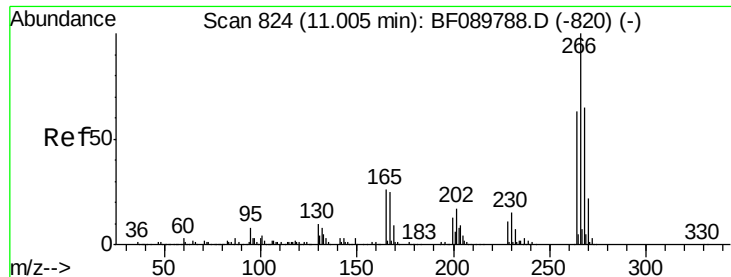
#68
Atrazine
Concen: 38.18 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:200 Resp: 558813
Ion Ratio Lower Upper
200 100
173 30.7 6.6 46.6
215 45.3 24.7 64.7



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

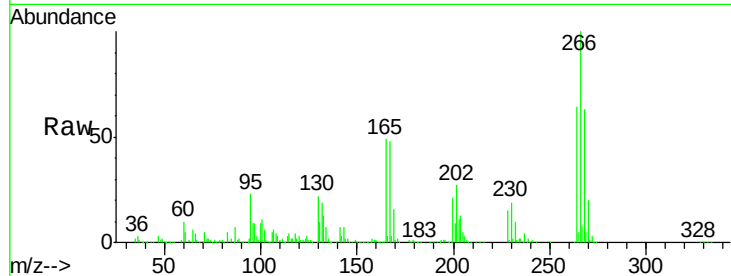




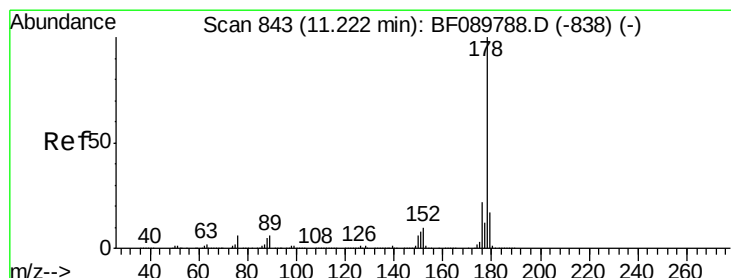
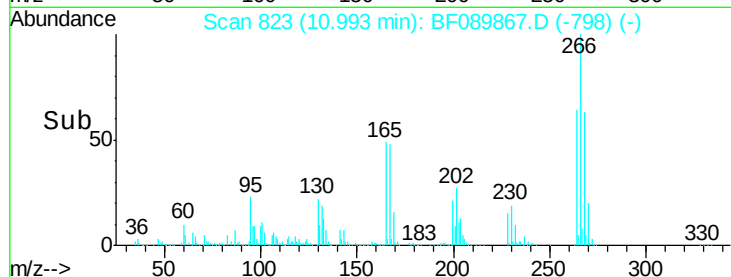
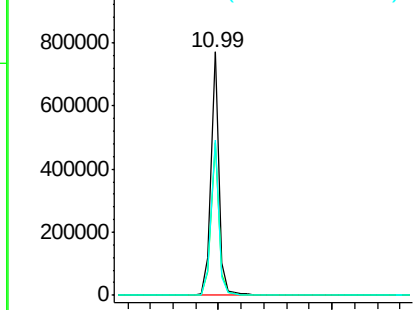
#69
 Pentachlorophenol
 Concen: 69.56 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tgt Ion:266 Resp: 716814
 Ion Ratio Lower Upper
 266 100
 268 63.0 53.2 79.8
 264 64.0 51.1 76.7

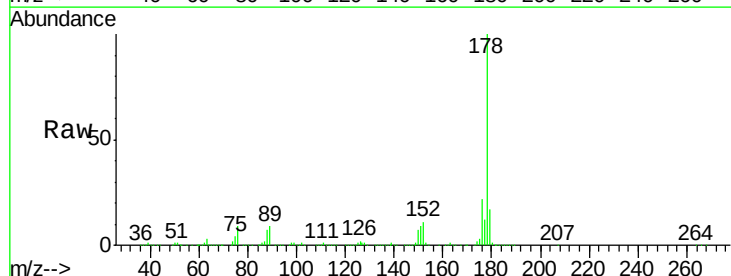


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

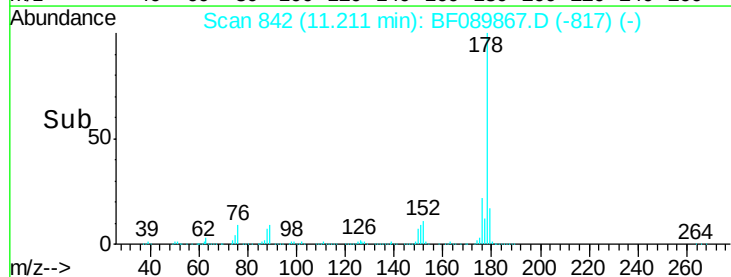
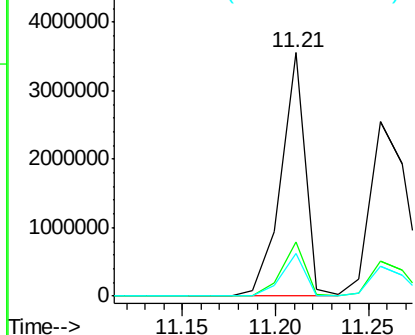


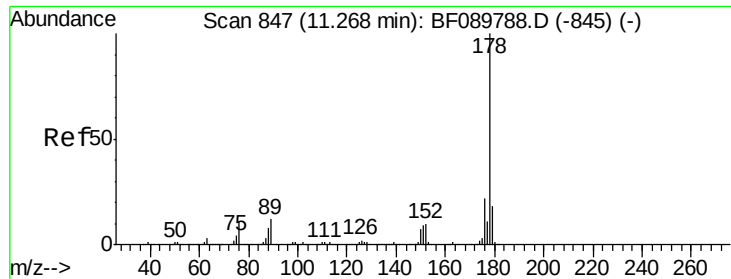
#70
 Phenanthrene
 Concen: 42.04 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:178 Resp: 3227404
 Ion Ratio Lower Upper
 178 100
 176 22.2 16.4 24.6
 179 17.3 12.5 18.7



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

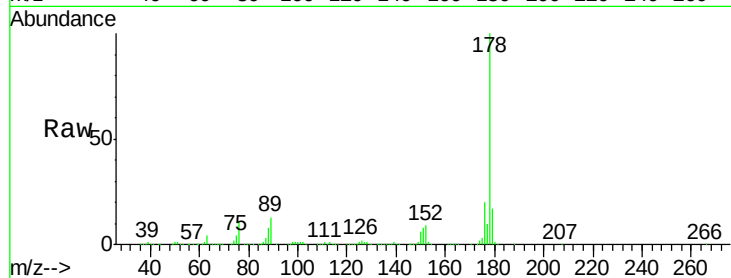




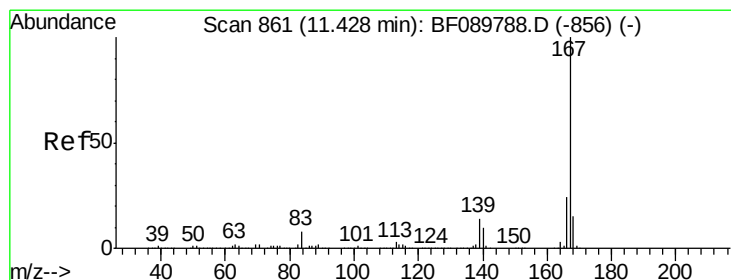
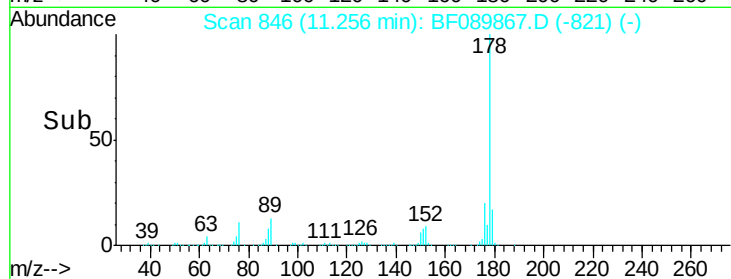
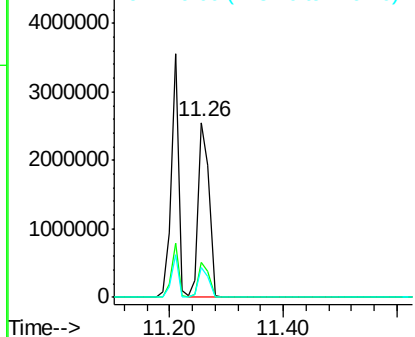
#71
 Anthracene
 Concen: 42.07 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

Tgt Ion:178 Resp: 3283132
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.4 24.6
 179 16.8 13.1 19.7

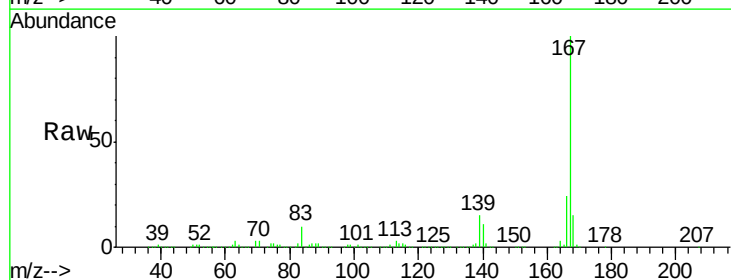


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

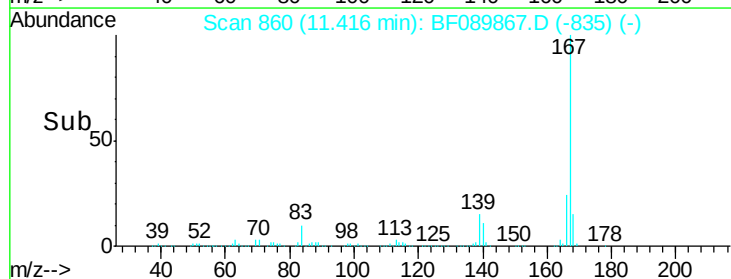
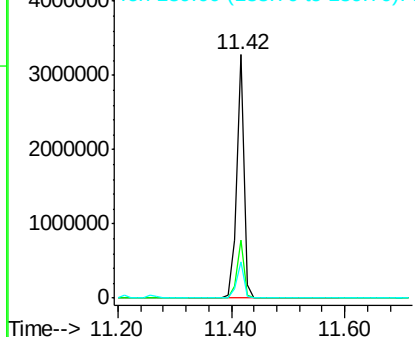


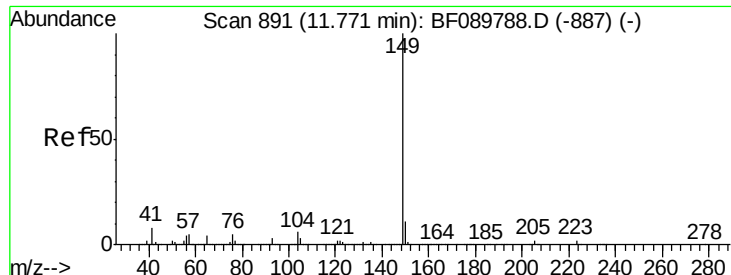
#72
 Carbazole
 Concen: 42.43 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:167 Resp: 2970222
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.9 26.9
 139 14.8 12.4 18.6



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: 44.32 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

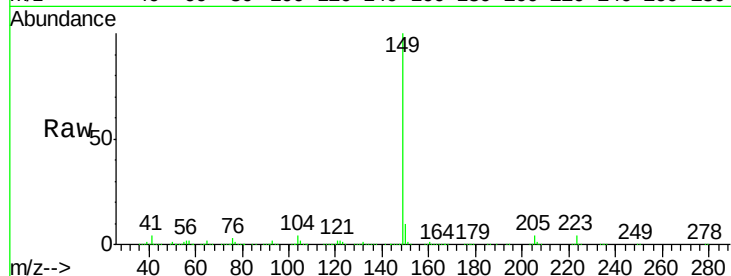
Tgt Ion:149 Resp: 3881229

Ion Ratio Lower Upper

149 100

150 10.1 7.9 11.9

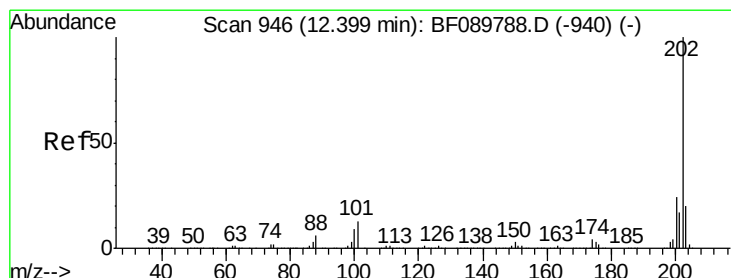
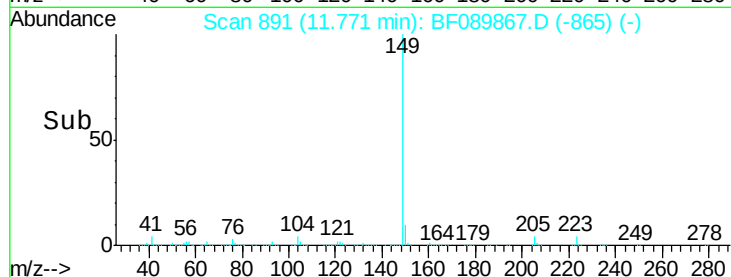
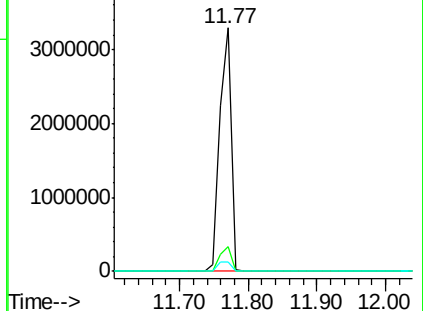
104 4.1 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.64 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

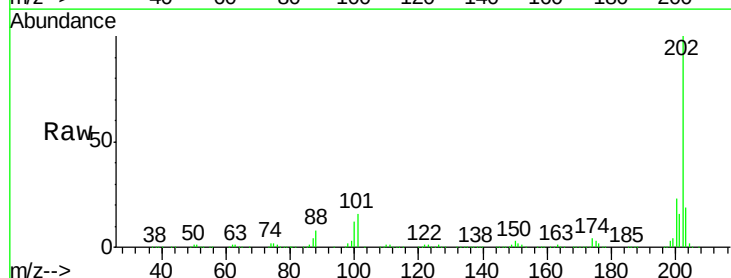
Tgt Ion:202 Resp: 2967852

Ion Ratio Lower Upper

202 100

101 16.3 0.0 31.2

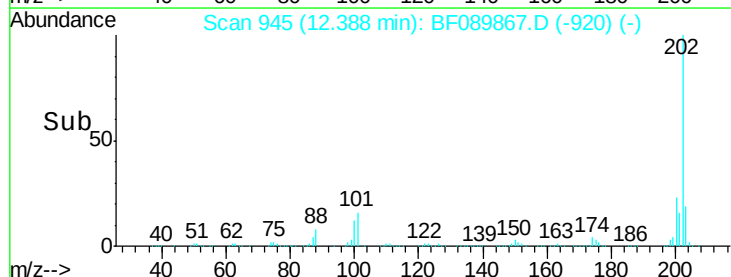
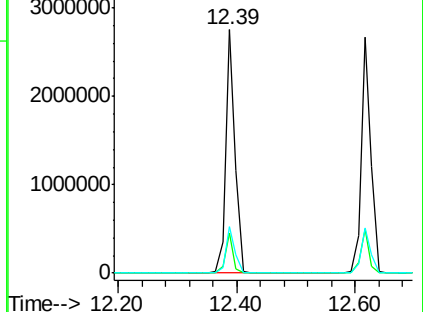
203 19.1 0.0 38.1

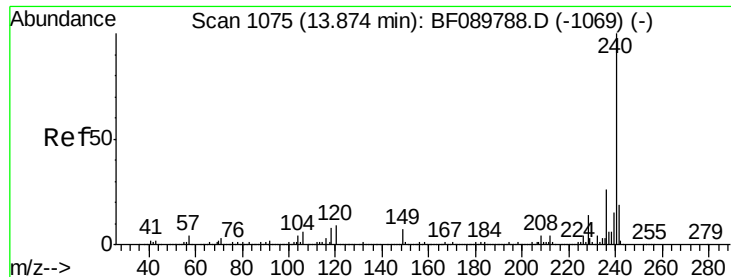


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

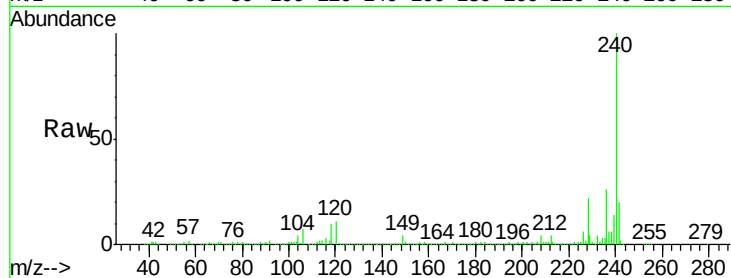
Tgt Ion:240 Resp: 1135050

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

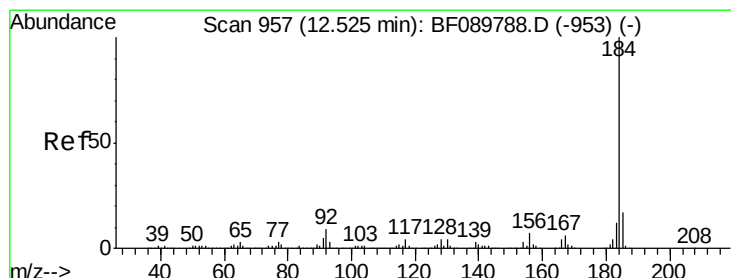
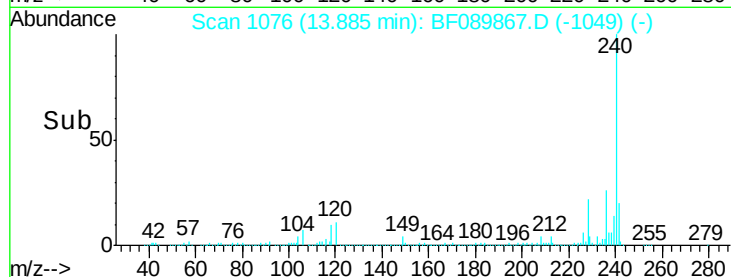
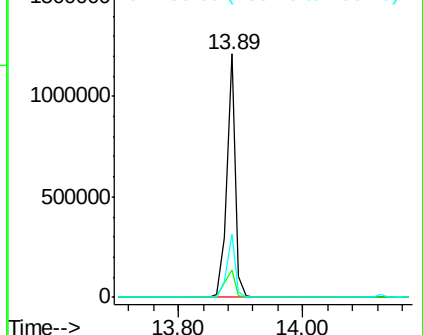
236 26.2 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.81 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

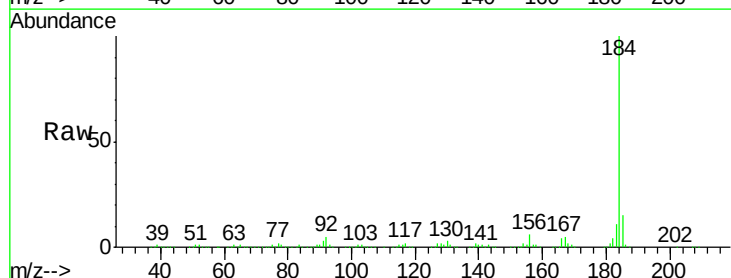
Tgt Ion:184 Resp: 1021562

Ion Ratio Lower Upper

184 100

185 14.9 13.8 20.8

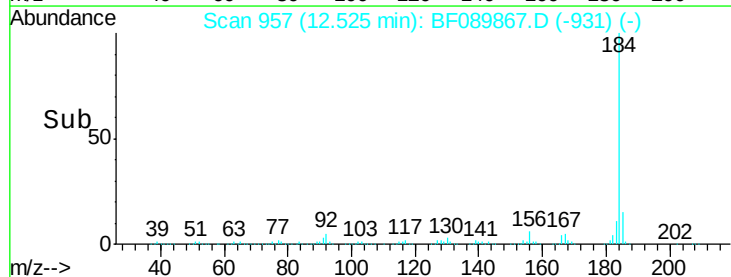
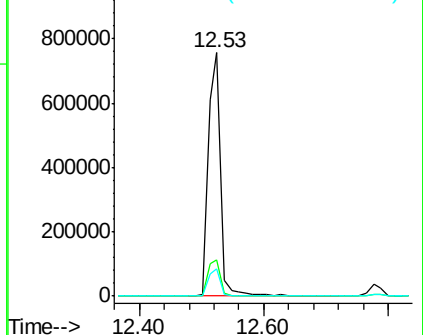
183 11.1 9.7 14.5

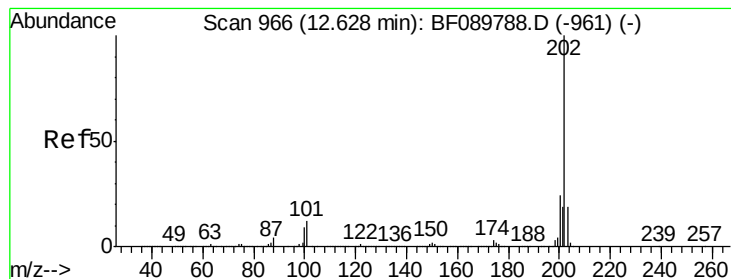


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.29 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

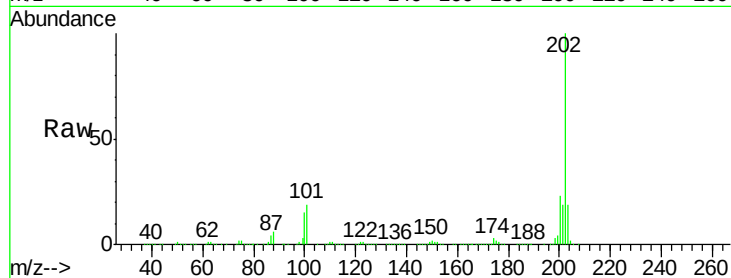
Tgt Ion:202 Resp: 2984732

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

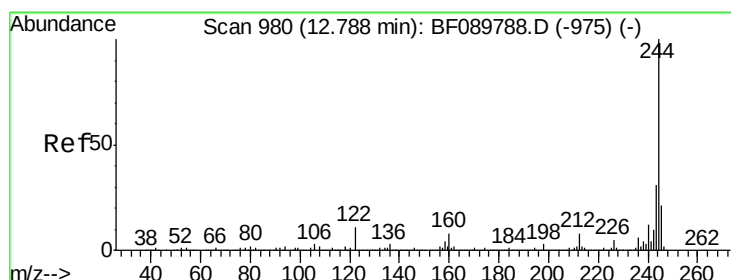
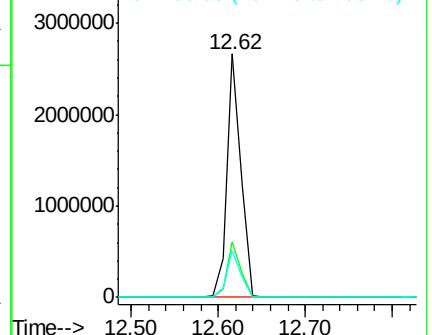
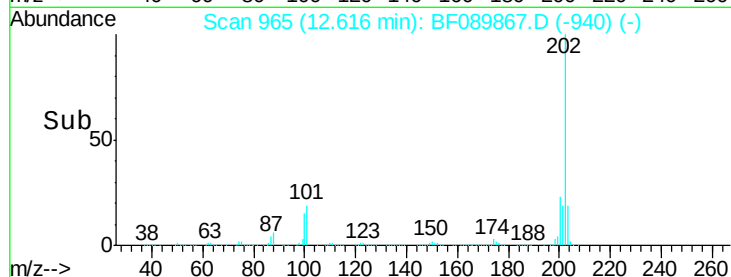
203 19.1 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.75 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

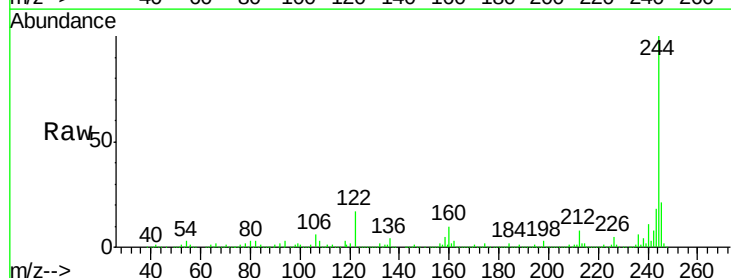
Tgt Ion:244 Resp: 3499747

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

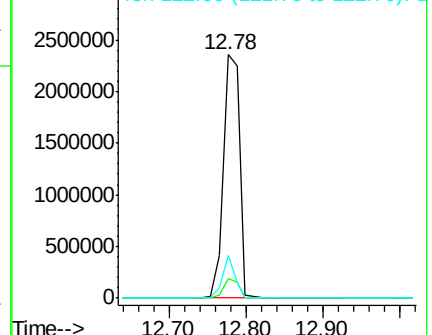
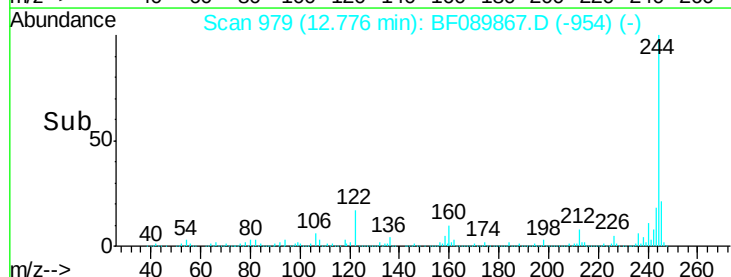
122 17.3 12.0 18.0

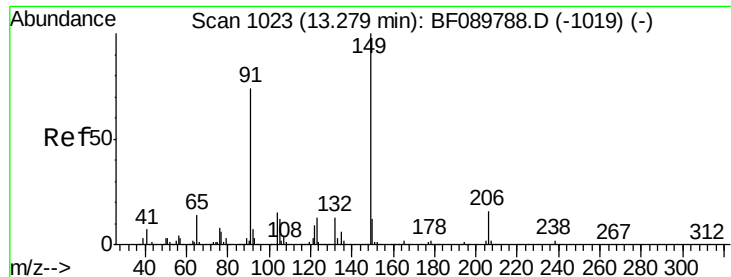


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

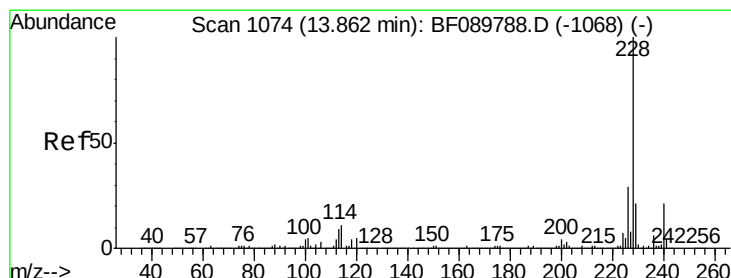
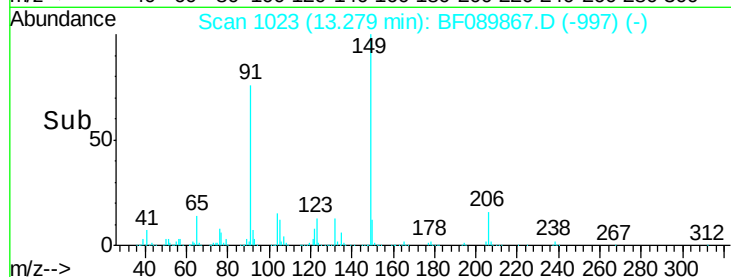
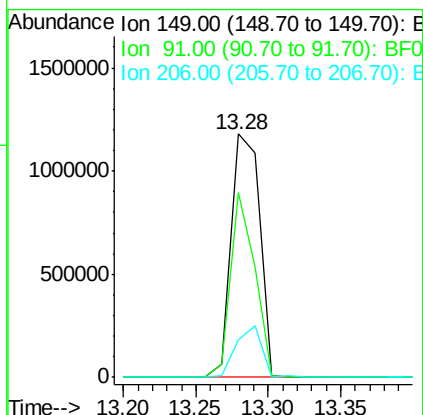
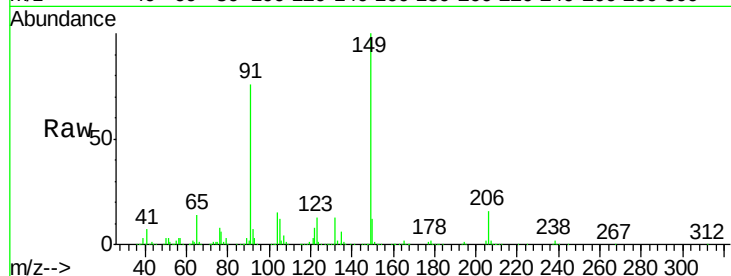




#79
Butylbenzylphthalate
Concen: 38.58 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

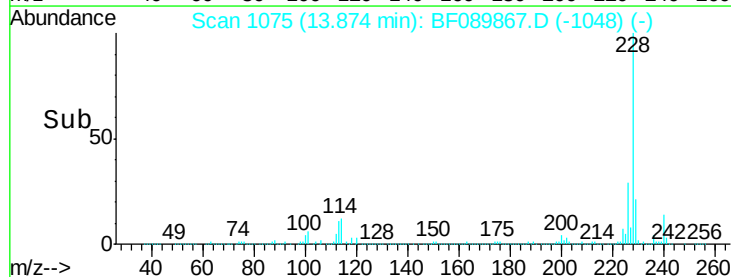
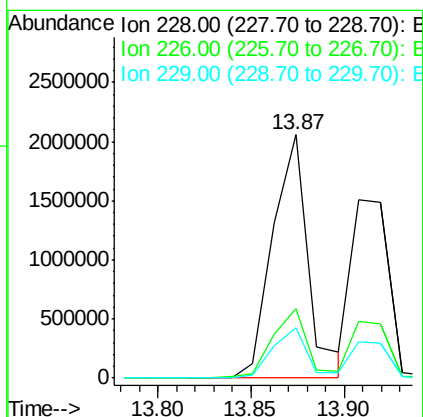
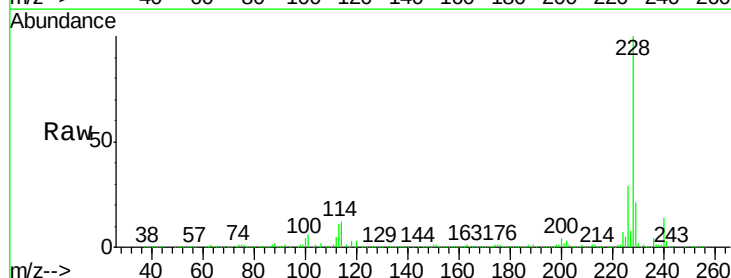
Instrument :
BNA_F
ClientSampleId :
PB93047BS

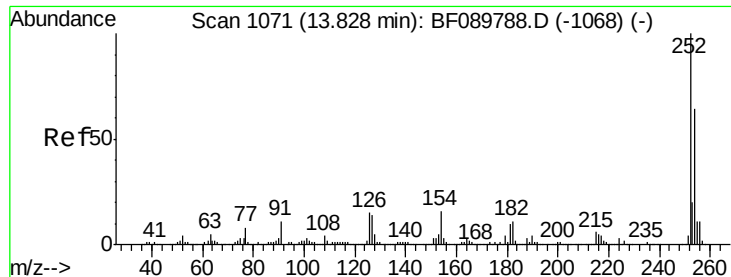
Tgt Ion:149 Resp: 1610358
Ion Ratio Lower Upper
149 100
91 75.7 50.7 76.1
206 15.5 15.5 23.3



#80
Benzo(a)anthracene
Concen: 41.95 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:228 Resp: 2726987
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 20.6 16.2 24.4

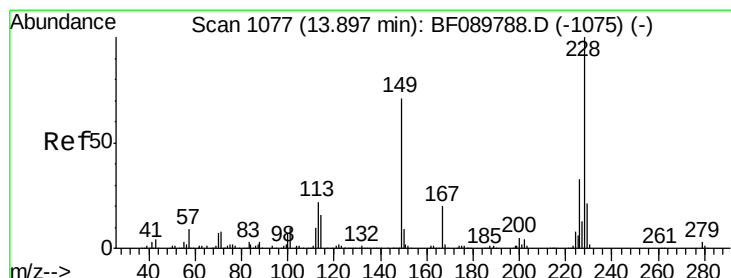
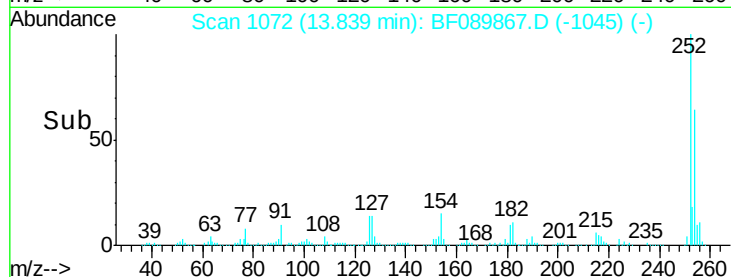
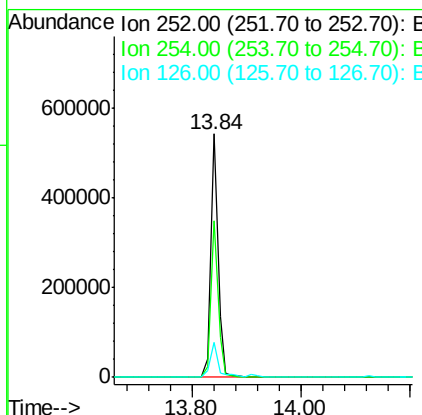
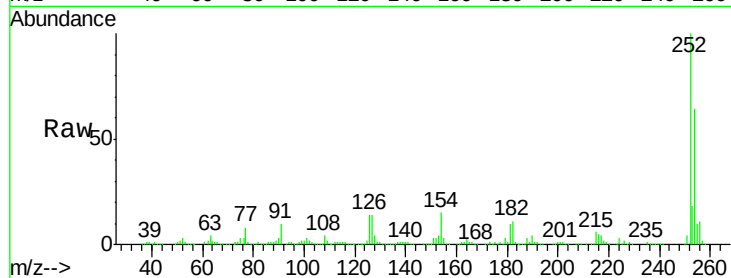




#81
 3,3'-Dichlorobenzidine
 Concen: 24.03 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

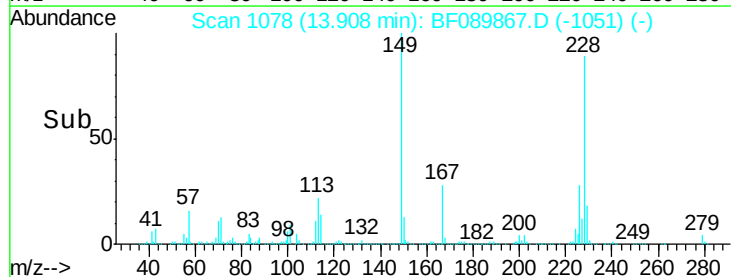
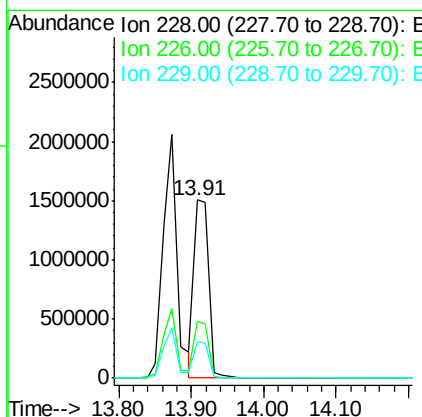
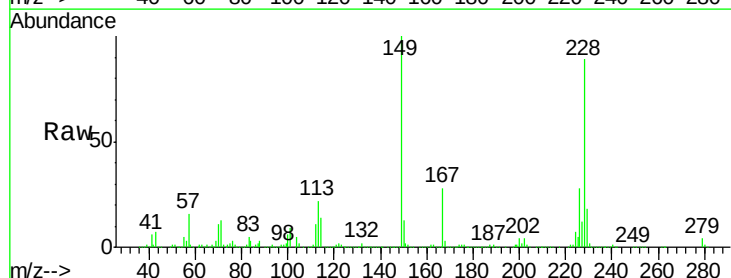
Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

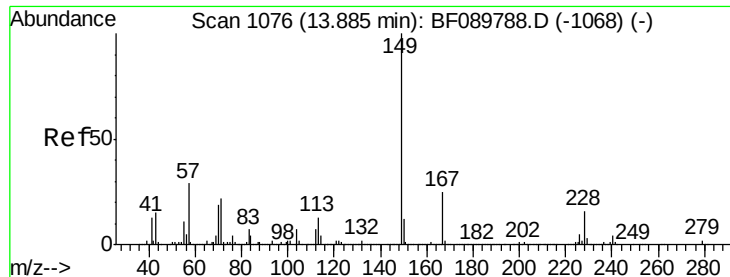
Tgt Ion: 252 Resp: 512069
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.6 75.8
 126 14.4 12.6 18.8



#82
 Chrysene
 Concen: 38.25 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion: 228 Resp: 2131528
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 20.7 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.25 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.02 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

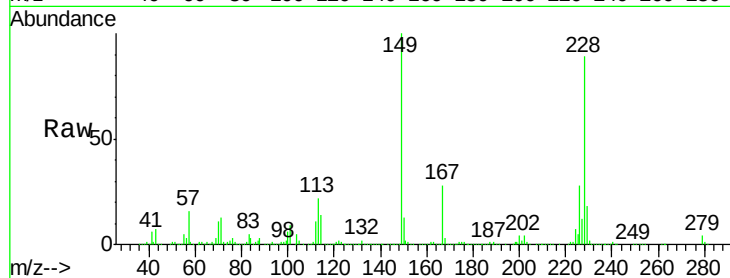
Tgt Ion:149 Resp: 2142125

Ion Ratio Lower Upper

149 100

167 28.0 21.2 31.8

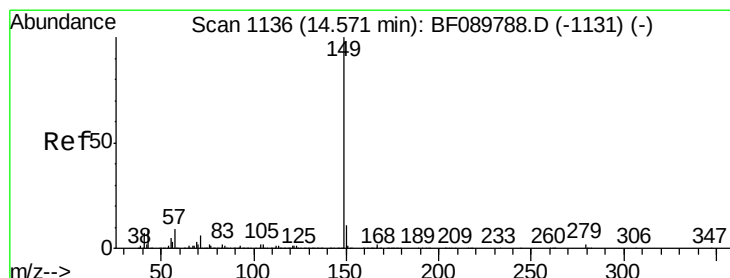
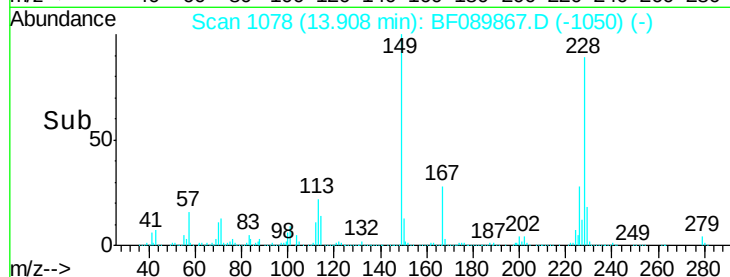
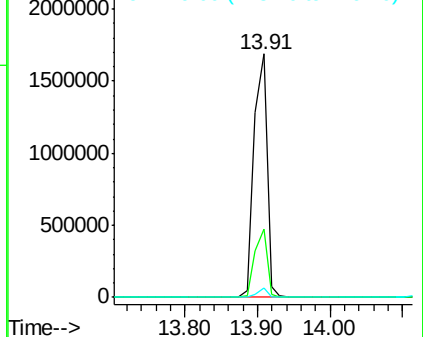
279 3.8 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.94 ng

RT: 14.61 min Scan# 1139

Delta R.T. 0.03 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

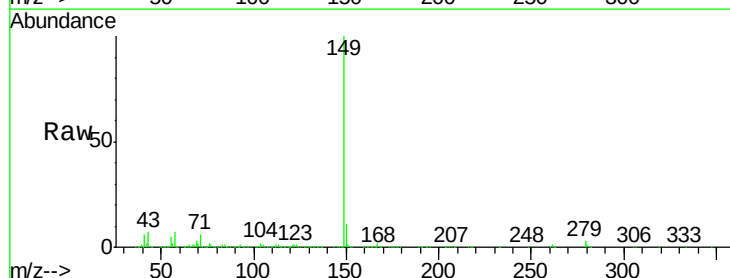
Tgt Ion:149 Resp: 3663403

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

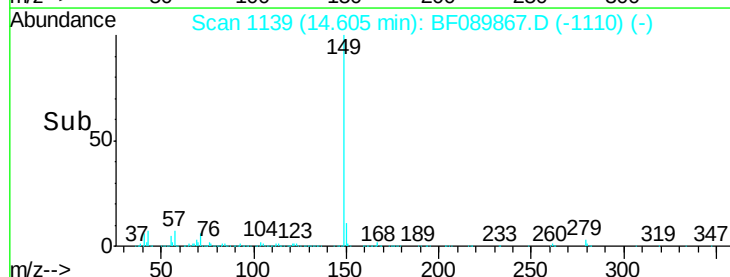
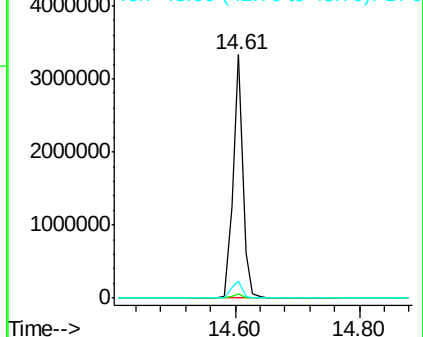
43 7.9 8.4 12.6#

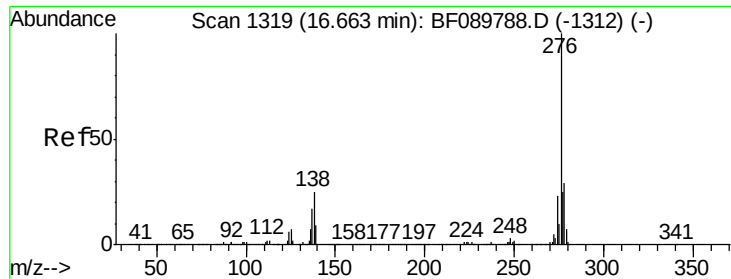


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

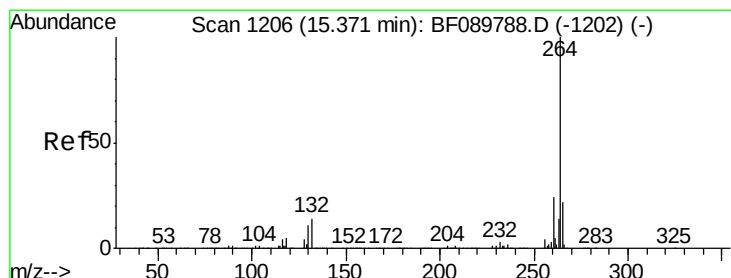
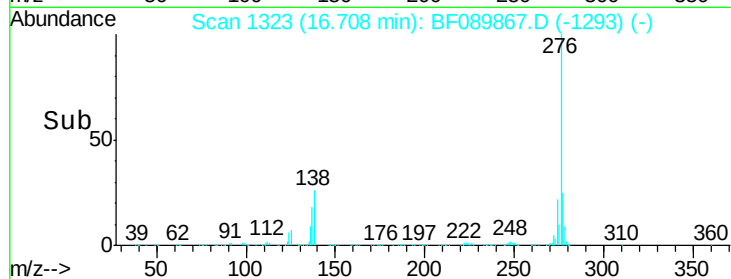
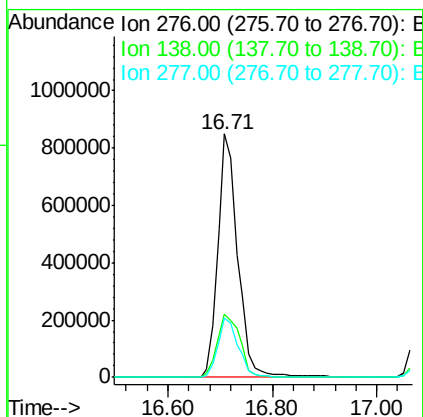
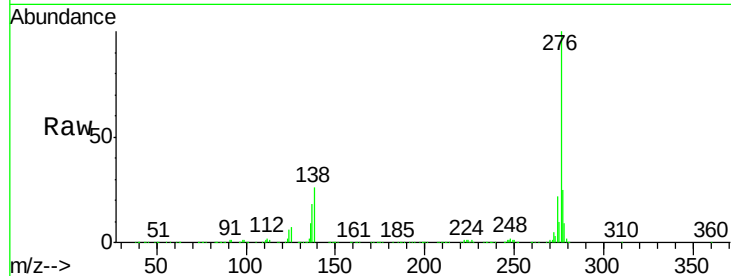




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.60 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.05 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

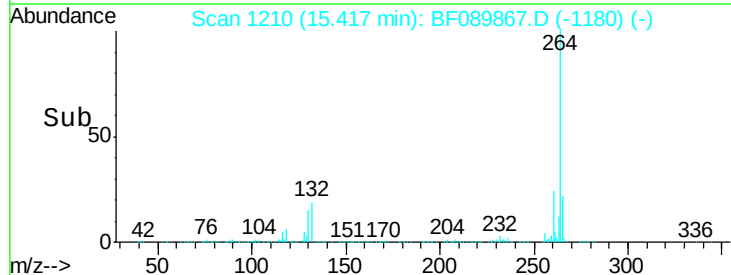
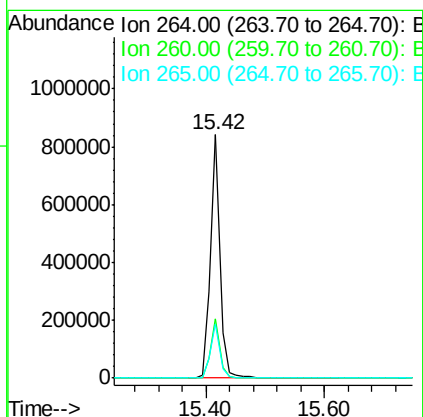
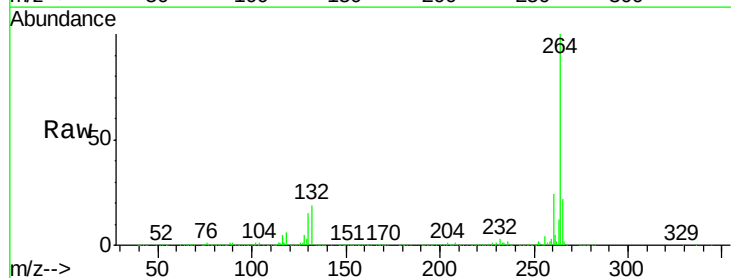
Instrument :
 BNA_F
 ClientSampleId :
 PB93047BS

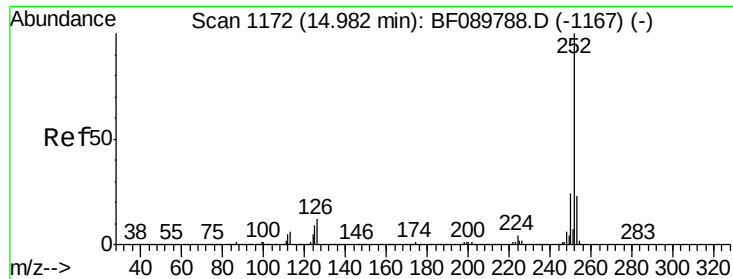
Tgt Ion:276 Resp: 2246928
 Ion Ratio Lower Upper
 276 100
 138 30.6 24.6 36.8
 277 25.4 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. 0.05 min
 Lab File: BF089867.D
 Acq: 24 Aug 2016 12:03

Tgt Ion:264 Resp: 935624
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.2
 265 22.3 17.4 26.2

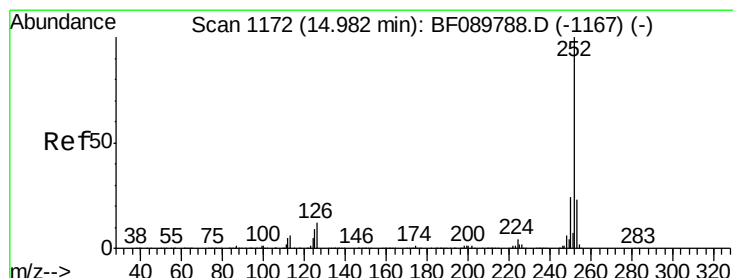
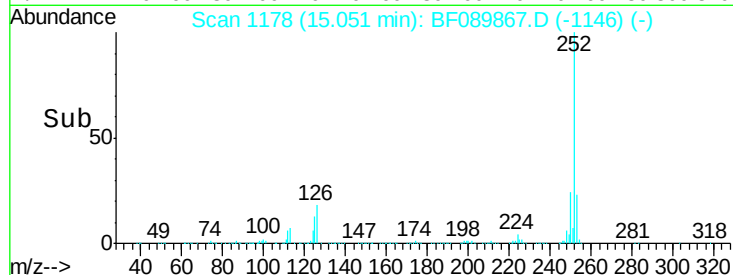
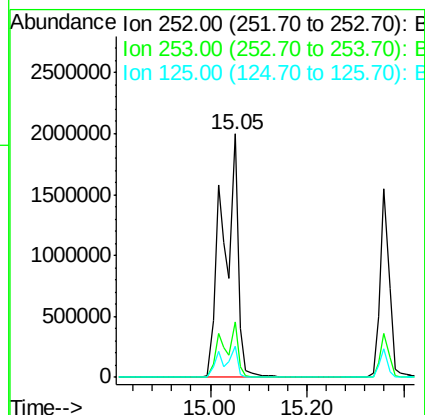
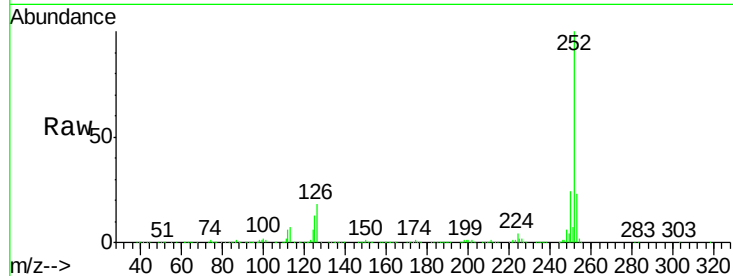




#87
Benzo(b)fluoranthene
Concen: 87.54 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.07 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

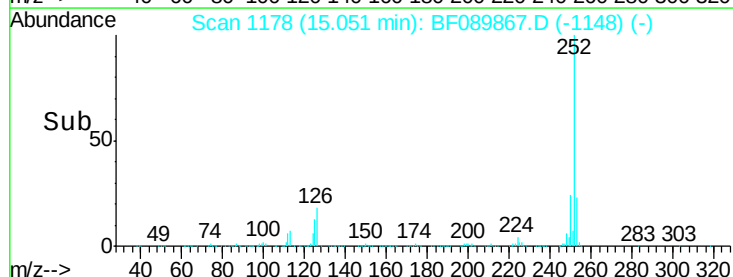
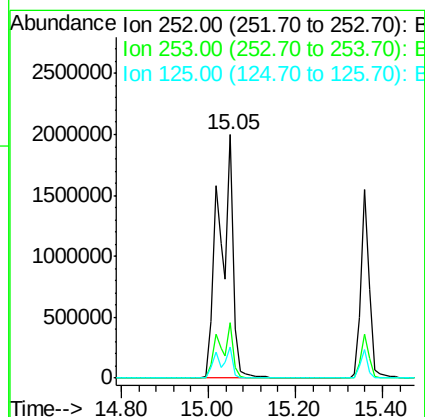
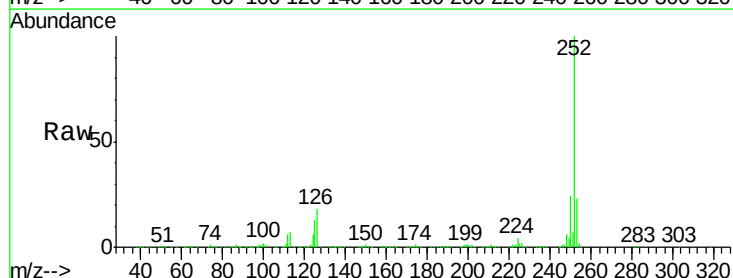
Instrument :
BNA_F
ClientSampleId :
PB93047BS

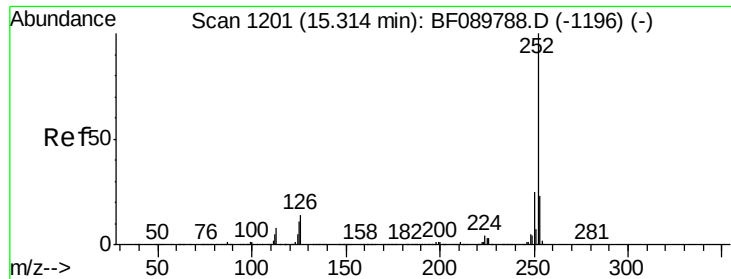
Tgt Ion:252 Resp: 4505925
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.8 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 96.57 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.05 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion:252 Resp: 4509658
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 12.8 9.8 14.6

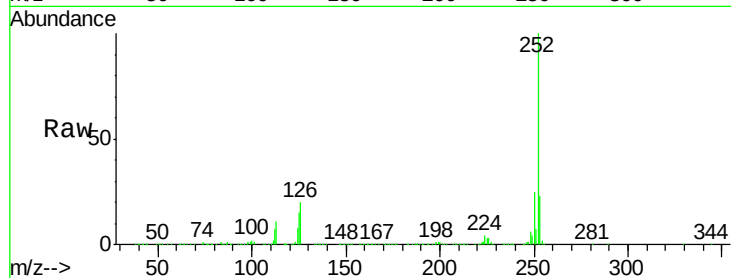




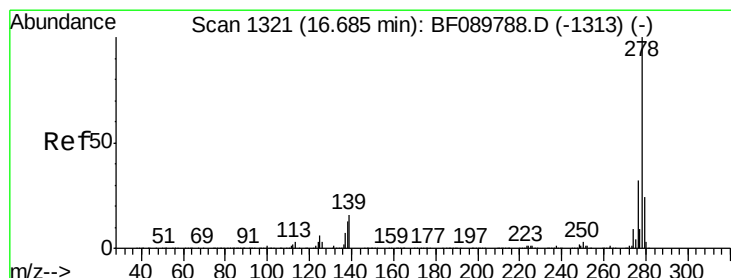
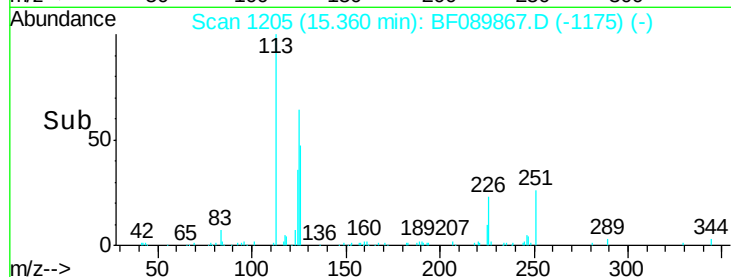
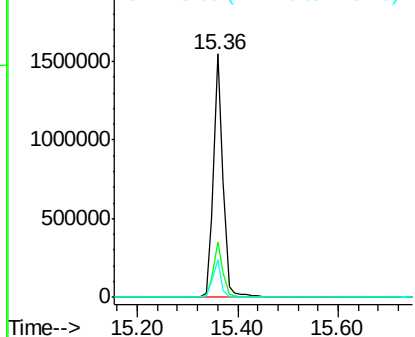
#89
Benzo(a)pyrene
Concen: 41.87 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.05 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Instrument :
BNA_F
ClientSampleId :
PB93047BS

Tgt Ion: 252 Resp: 2040130
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 15.3 11.7 17.5

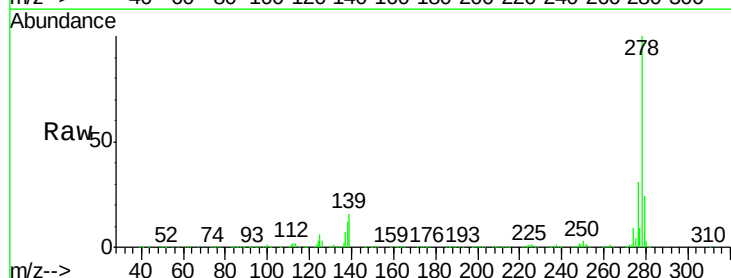


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

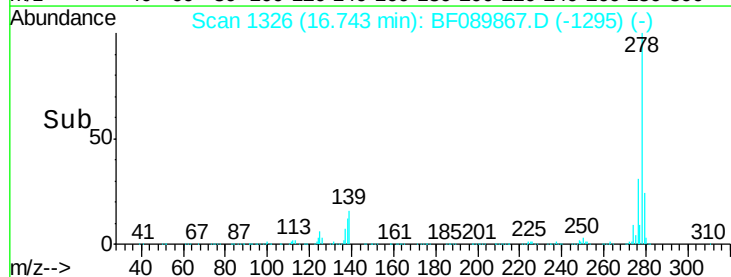
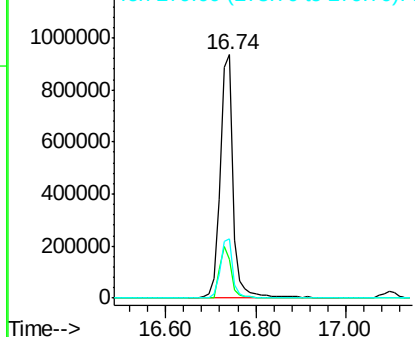


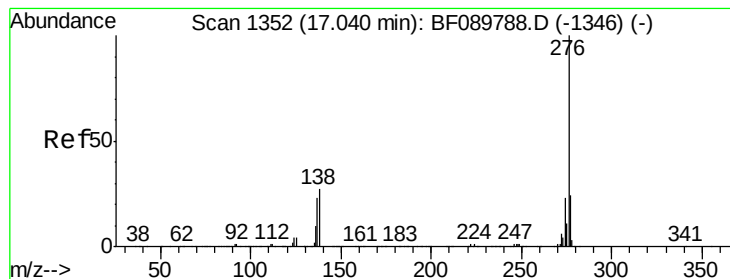
#90
Dibenzo(a,h)anthracene
Concen: 35.57 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF089867.D
Acq: 24 Aug 2016 12:03

Tgt Ion: 278 Resp: 1880769
Ion Ratio Lower Upper
278 100
139 15.8 14.9 22.3
279 24.2 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.77 ng

RT: 17.10 min Scan# 1357

Delta R.T. 0.06 min

Lab File: BF089867.D

Acq: 24 Aug 2016 12:03

Instrument :

BNA_F

ClientSampleId :

PB93047BS

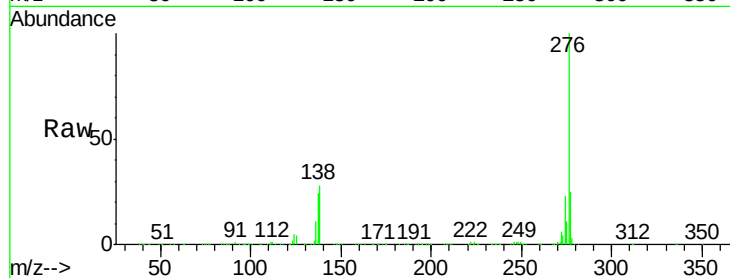
Tgt Ion:276 Resp: 1936266

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 28.4 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

