

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089894.D
 Acq On : 25 Aug 2016 1:33
 Operator : UM/SJ
 Sample : H4576-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Quant Time: Aug 25 12:23:43 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	438548	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1754149	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	838257	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1554246	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1174744	20.00	ng	-0.01
86) Perylene-d12	15.37	264	999263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	3578713	139.94	ng	0.00
7) Phenol-d6	6.32	99	4304484	137.12	ng	0.00
23) Nitrobenzene-d5	7.24	82	2707220	95.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	1048052	131.56	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3612684	75.75	ng	-0.01
78) Terphenyl-d14	12.78	244	3158520	60.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	488999	38.64	ng	96
3) Pyridine	2.82	79	1404826	42.32	ng	93
4) n-Nitrosodimethylamine	2.79	42	583203	47.19	ng	# 85
6) Aniline	6.33	93	1299096	30.85	ng	# 1
8) 2-Chlorophenol	6.46	128	1487507	48.64	ng	81
9) Benzaldehyde	6.20	77	317041	15.50	ng	88
10) Phenol	6.33	94	2030925	55.20	ng	93
11) bis(2-Chloroethyl)ether	6.41	93	1193927	41.85	ng	96
12) 1,3-Dichlorobenzene	6.60	146	1342728	42.00	ng	100
13) 1,4-Dichlorobenzene	6.68	146	1376226	41.88	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1419553	46.27	ng	99
15) Benzyl Alcohol	6.82	79	1093217	52.51	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1489864	40.80	ng	93
17) 2-Methylphenol	6.94	107	1080210	45.10	ng	98
18) Hexachloroethane	7.19	117	534924	45.64	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	909560	45.30	ng	90
20) 3+4-Methylphenols	7.10	107	1460480	49.73	ng	# 55
22) Acetophenone	7.08	105	1616693	40.14	ng	# 89
24) Nitrobenzene	7.26	77	1267358	40.01	ng	99
25) Isophorone	7.50	82	2548669	44.75	ng	99
26) 2-Nitrophenol	7.58	139	797376	50.45	ng	# 89
27) 2,4-Dimethylphenol	7.62	122	1178700	41.38	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	1765448	50.11	ng	96
29) 2,4-Dichlorophenol	7.82	162	1100152	46.03	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	1120792	42.39	ng	99
31) Naphthalene	7.98	128	3406777	41.55	ng	98
32) Benzoic acid	7.70	122	166006	7.48	ng	99
33) 4-Chloroaniline	8.03	127	572108	16.10	ng	97
34) Hexachlorobutadiene	8.10	225	555848	40.15	ng	100
35) Caprolactam	8.40	113	318227	43.72	ng	94
36) 4-Chloro-3-methylphenol	8.52	107	1176856	45.46	ng	98
37) 2-Methylnaphthalene	8.67	142	2626169	49.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	834037	30.73	ng	98
40) Hexachlorocyclopentadiene	8.83	237	1029291	109.22	ng	98

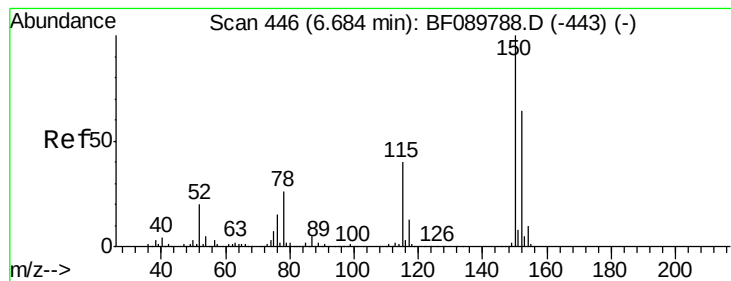
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	769407	45.05	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	757848	44.62	ng	95
45) 1,1'-Biphenyl	9.14	154	2704253	41.69	ng	95
46) 2-Chloronaphthalene	9.15	162	2115689	41.26	ng	100
47) 2-Nitroaniline	9.26	65	741745	50.72	ng	85
48) Acenaphthylene	9.58	152	3566555	46.29	ng	100
49) Dimethylphthalate	9.45	163	4157829	70.44	ng	97
50) 2,6-Dinitrotoluene	9.51	165	698532	51.26	ng	# 79
51) Acenaphthene	9.75	154	2417747	47.41	ng	99
52) 3-Nitroaniline	9.67	138	550011	36.43	ng	89
53) 2,4-Dinitrophenol	9.77	184	236488	38.65	ng	# 76
54) Dibenzofuran	9.92	168	3234828	50.50	ng	92
55) 4-Nitrophenol	9.84	139	1131133	91.79	ng	98
56) 2,4-Dinitrotoluene	9.91	165	856631	48.45	ng	94
57) Fluorene	10.25	166	2295698	44.97	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	617937	49.99	ng	99
59) Diethylphthalate	10.15	149	2531333	42.22	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	942492	40.48	ng	94
61) 4-Nitroaniline	10.28	138	762411	53.86	ng	94
62) Azobenzene	10.41	77	2557359	45.37	ng	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	321188	35.96	ng	85
65) n-Nitrosodiphenylamine	10.38	169	2228240	45.60	ng	98
66) 4-Bromophenyl-phenylether	10.74	248	687916	42.21	ng	# 83
67) Hexachlorobenzene	10.80	284	702803	37.81	ng	# 81
68) Atrazine	10.90	200	693553	46.34	ng	96
69) Pentachlorophenol	10.99	266	743294	70.54	ng	98
70) Phenanthrene	11.21	178	3232810	41.18	ng	96
71) Anthracene	11.26	178	3524170	44.16	ng	99
72) Carbazole	11.42	167	3058414	42.73	ng	98
73) Di-n-butylphthalate	11.77	149	4179875	46.68	ng	98
74) Fluoranthene	12.39	202	3169903	42.45	ng	93
76) Benzidine	12.52	184	1614322	42.46	ng	96
77) Pyrene	12.62	202	3181436	33.26	ng	96
79) Butylbenzylphthalate	13.28	149	1891542	43.78	ng	90
80) Benzo(a)anthracene	13.85	228	2931032	43.57	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	719016	32.60	ng	# 94
82) Chrysene	13.90	228	2600263	45.08	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	2513498	42.23	ng	98
84) Di-n-octyl phthalate	14.57	149	4240235	53.62	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.66	276	2426649	32.98	ng	99
87) Benzo(b)fluoranthene	14.98	252	2534177	46.10	ng	97
88) Benzo(k)fluoranthene	14.98	252	2534177	50.81	ng	100
89) Benzo(a)pyrene	15.31	252	2224258	42.75	ng	98
90) Dibenzo(a,h)anthracene	16.69	278	2040841	36.14	ng	97
91) Benzo(g,h,i)perylene	17.05	276	2042185	34.34	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: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

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SB-15A-(18-20)MS

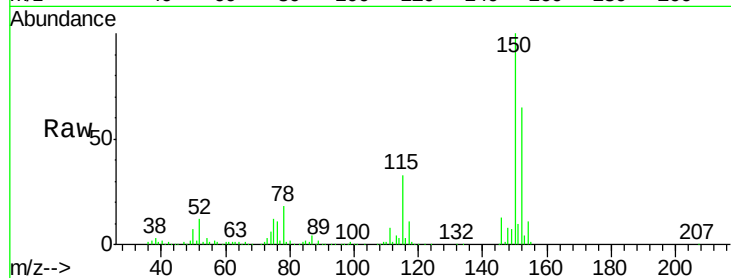
Tgt Ion:152 Resp: 438548

Ion Ratio Lower Upper

152 100

150 153.1 125.3 187.9

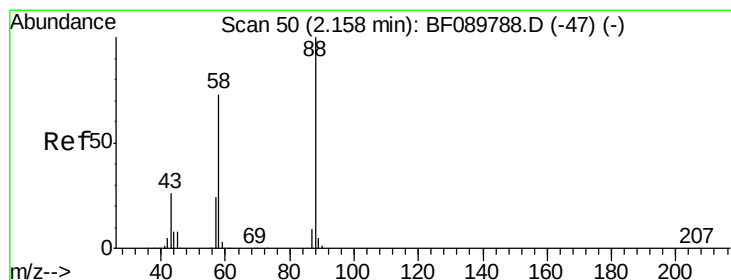
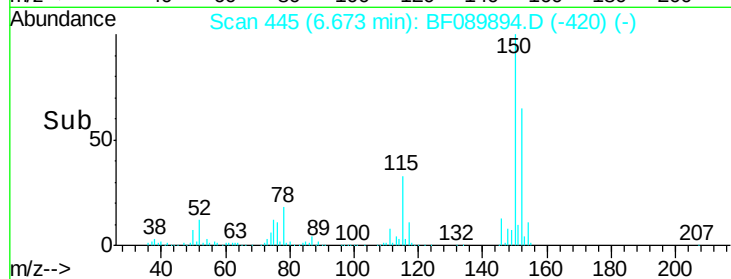
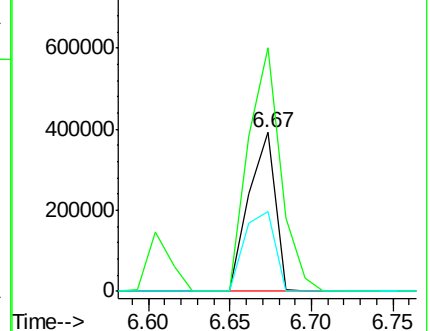
115 49.9 40.9 61.3



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: 38.64 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.03 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

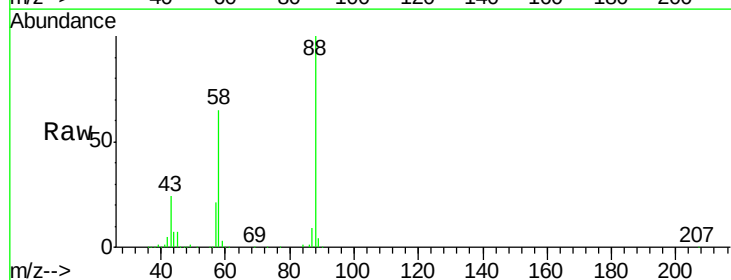
Tgt Ion: 88 Resp: 488999

Ion Ratio Lower Upper

88 100

58 67.7 57.0 85.4

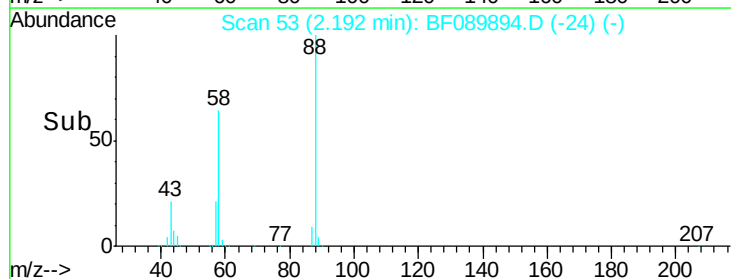
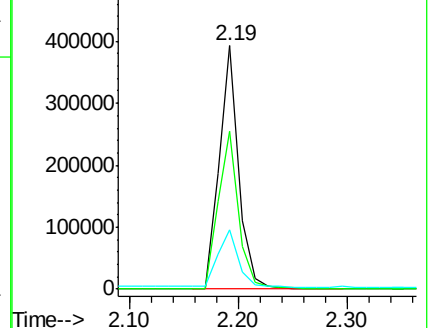
43 24.8 21.8 32.8

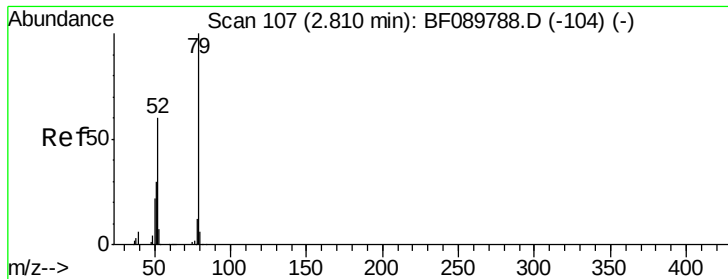


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.32 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

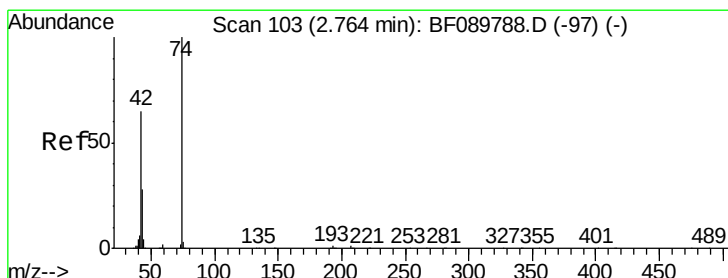
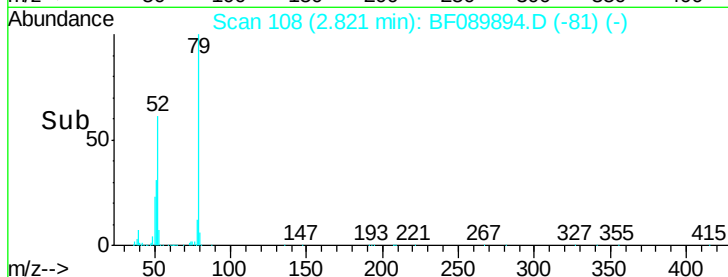
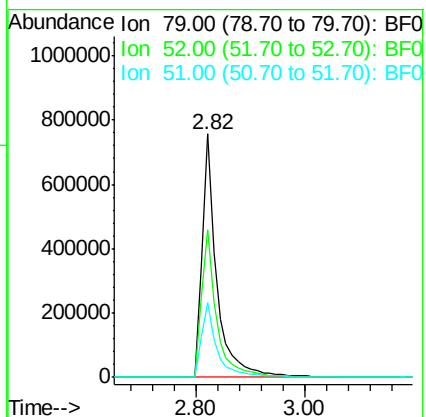
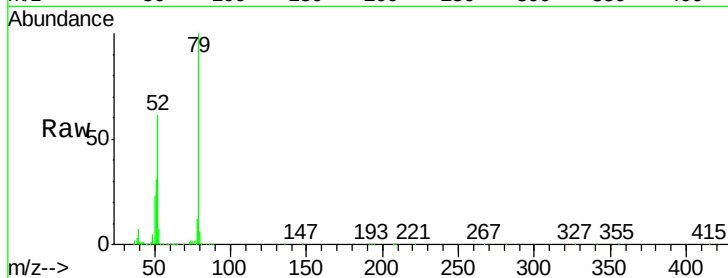
Tgt Ion: 79 Resp: 1404826

Ion Ratio Lower Upper

79 100

52 60.5 53.6 80.4

51 30.9 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 47.19 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

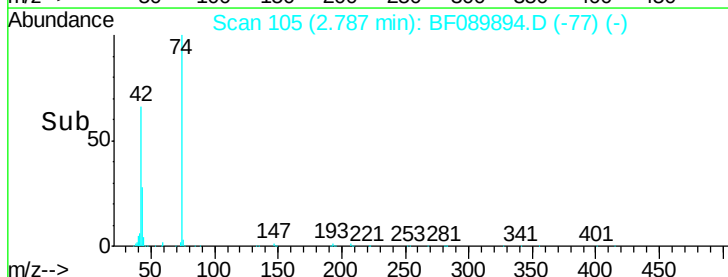
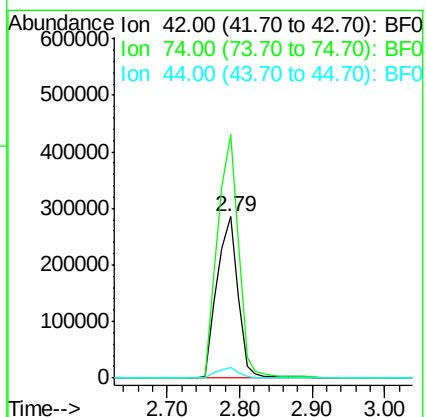
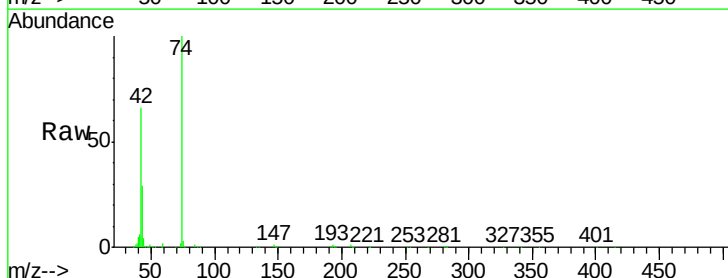
Tgt Ion: 42 Resp: 583203

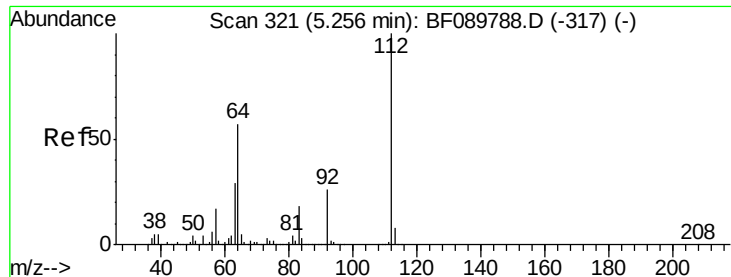
Ion Ratio Lower Upper

42 100

74 150.6 106.2 159.2

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 139.94 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

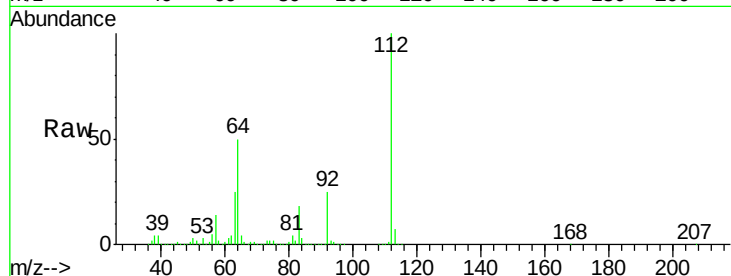
Tgt Ion:112 Resp: 3578713

Ion Ratio Lower Upper

112 100

64 49.6 45.0 67.4

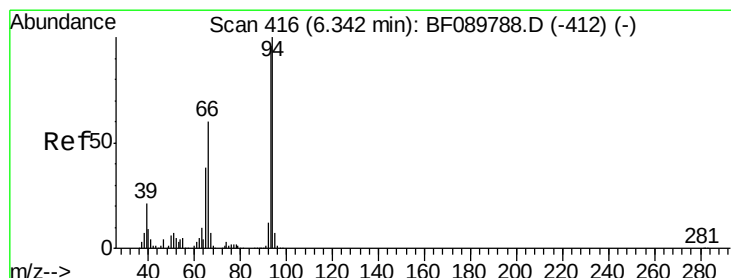
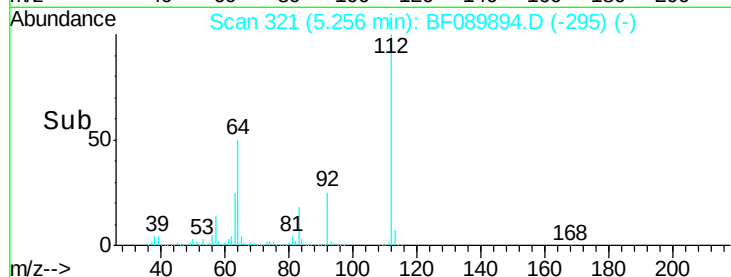
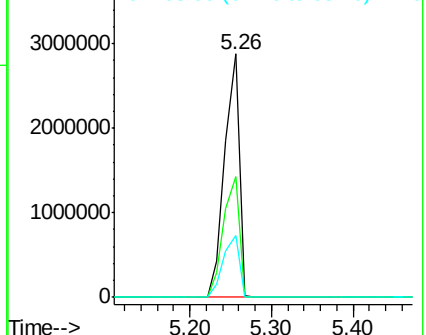
63 25.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.85 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

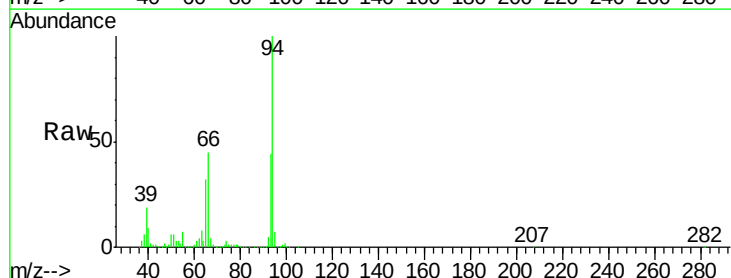
Tgt Ion: 93 Resp: 1299096

Ion Ratio Lower Upper

93 100

66 102.4 30.6 46.0#

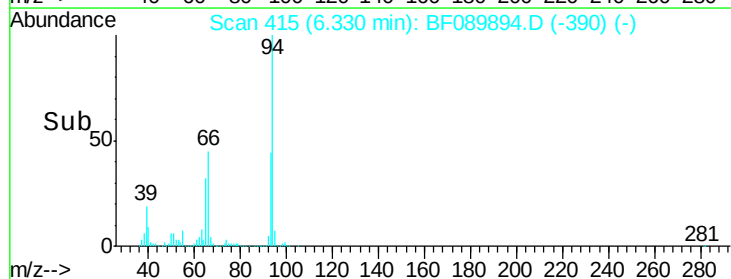
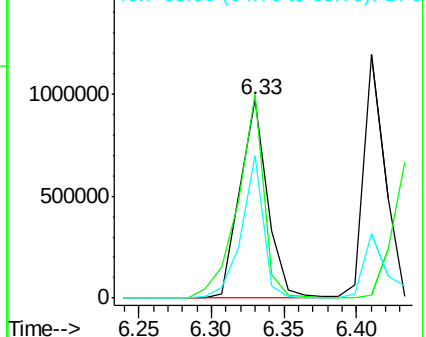
65 71.8 15.4 23.2#

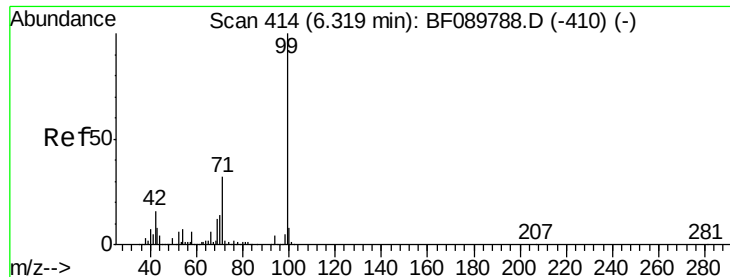


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.12 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089894.D

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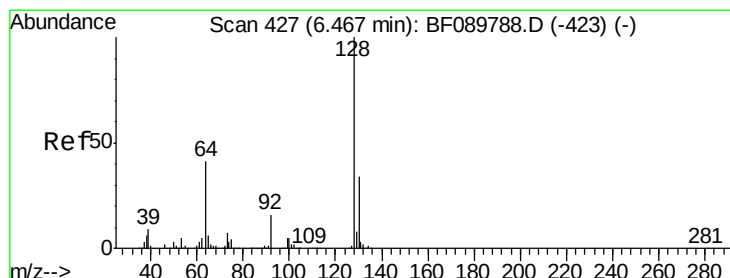
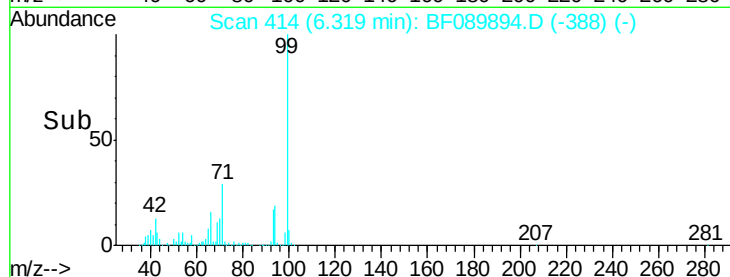
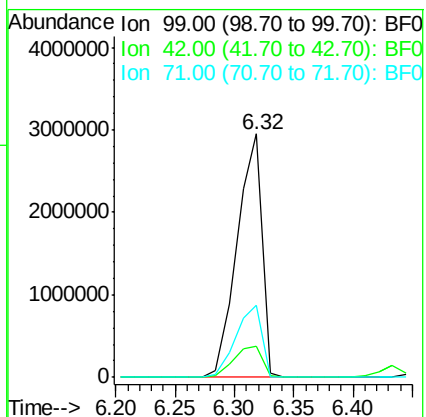
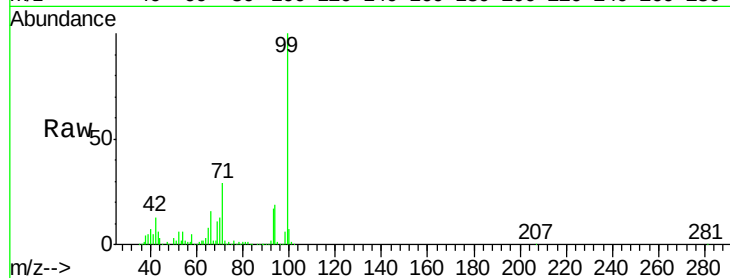
Tgt Ion: 99 Resp: 4304484

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.4

71 29.4 23.8 35.8



#8

2-Chlorophenol

Concen: 48.64 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

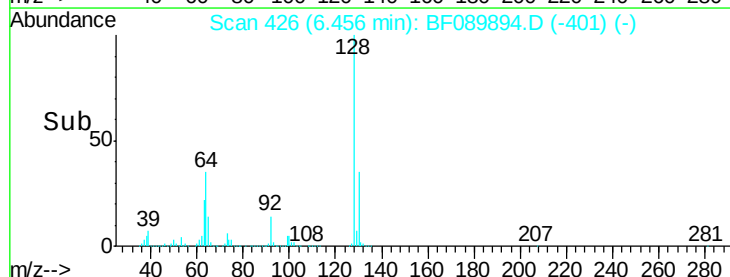
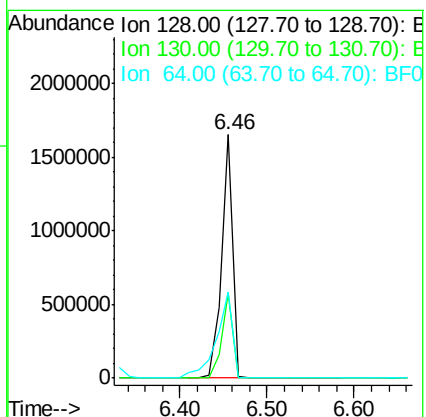
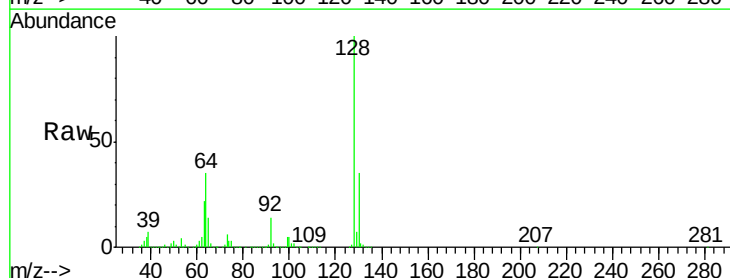
Tgt Ion: 128 Resp: 1487507

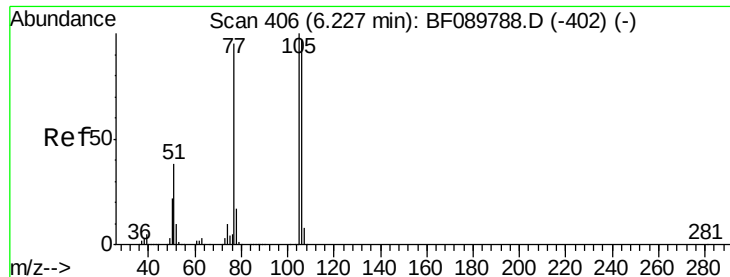
Ion Ratio Lower Upper

128 100

130 34.7 12.0 52.0

64 35.4 35.1 75.1





#9

Benzaldehyde

Concen: 15.50 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

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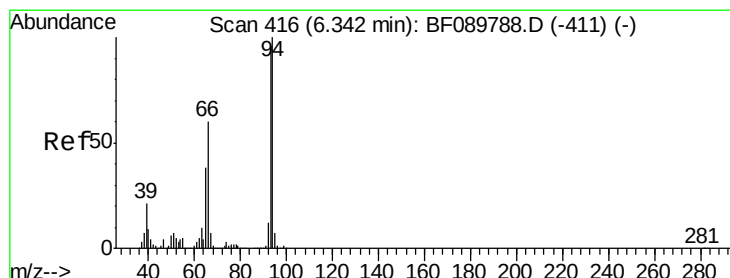
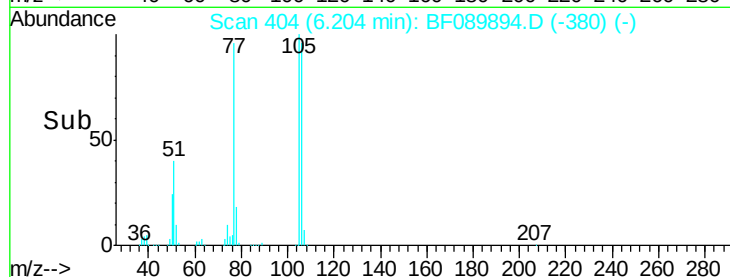
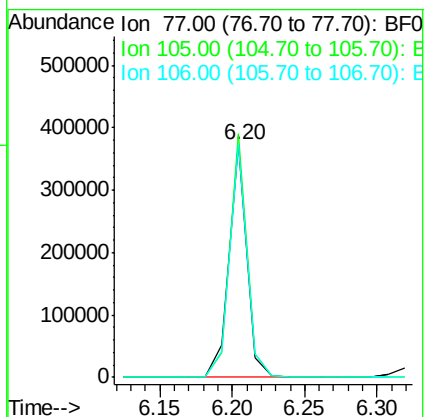
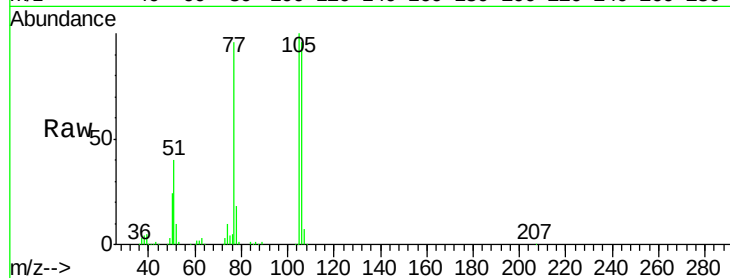
Tgt Ion: 77 Resp: 317041

Ion Ratio Lower Upper

77 100

105 104.5 73.3 113.3

106 100.1 68.6 108.6



#10

Phenol

Concen: 55.20 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

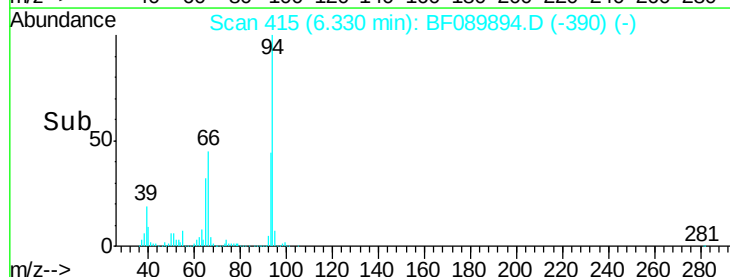
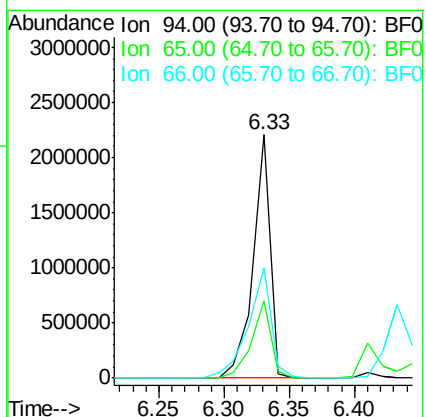
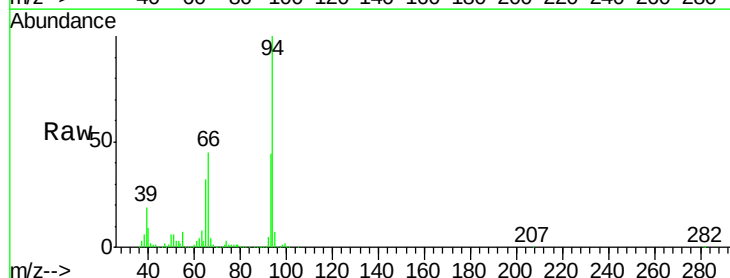
Tgt Ion: 94 Resp: 2030925

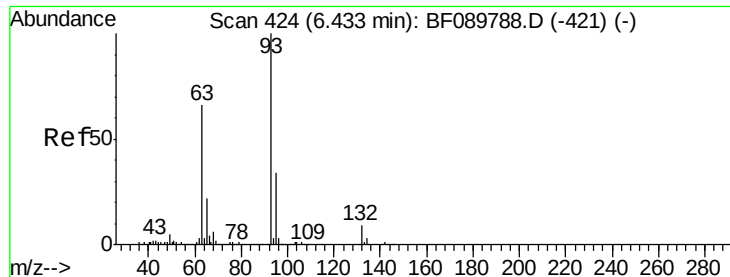
Ion Ratio Lower Upper

94 100

65 31.6 14.0 54.0

66 45.1 31.2 71.2



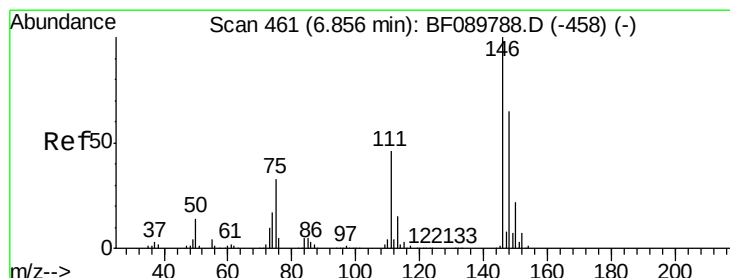
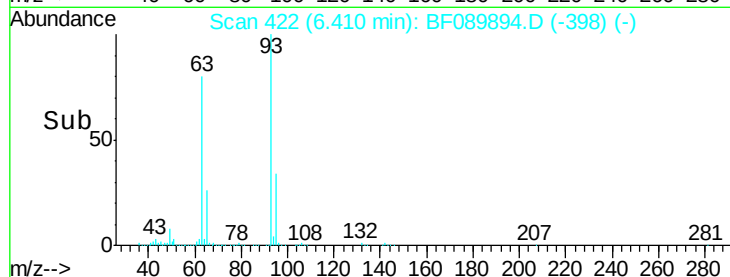
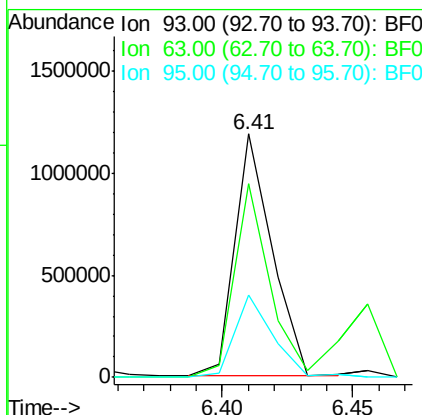
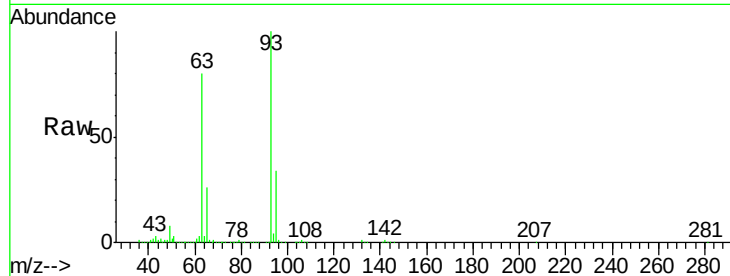


#11
 bis(2-Chloroethyl)ether
 Concen: 41.85 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tgt Ion: 93 Resp: 1193927

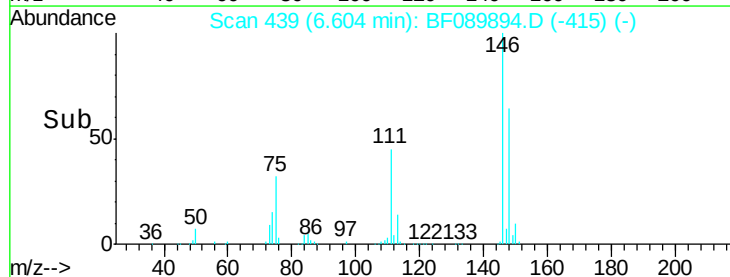
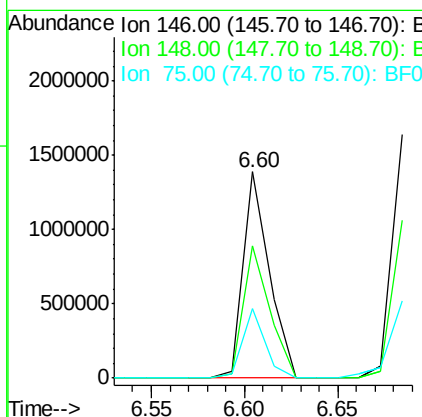
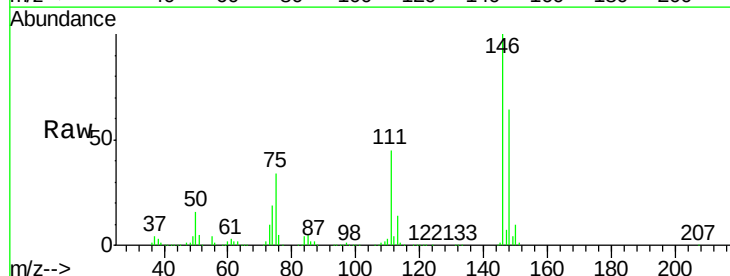
Ion	Ratio	Lower	Upper
93	100		
63	79.5	55.8	95.8
95	34.0	13.0	53.0

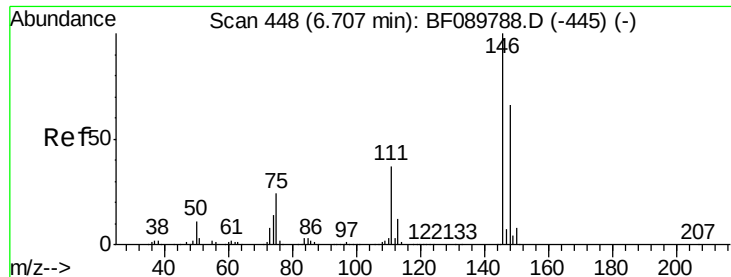


#12
 1,3-Dichlorobenzene
 Concen: 42.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion: 146 Resp: 1342728

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
75	33.7	27.0	40.6

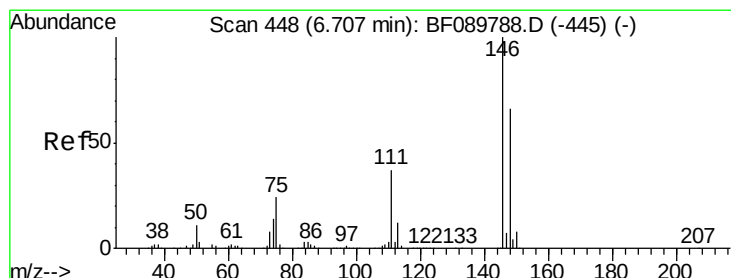
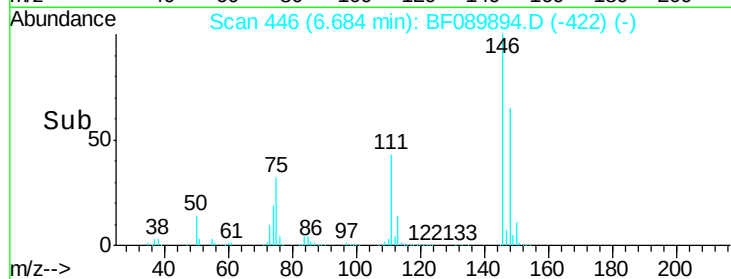
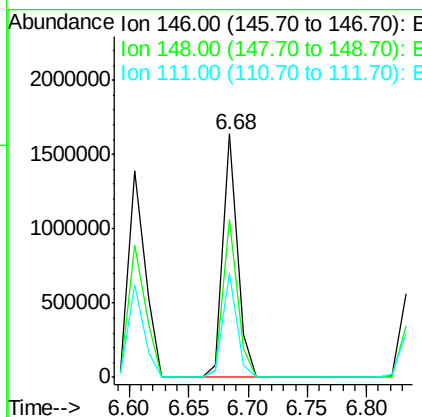
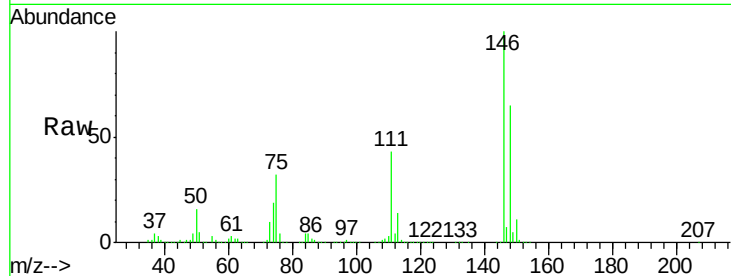




#13
 1,4-Dichlorobenzene
 Concen: 41.88 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

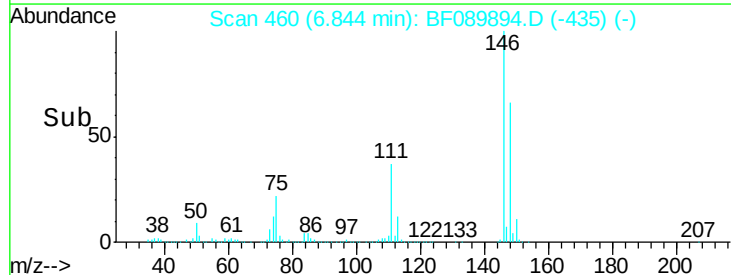
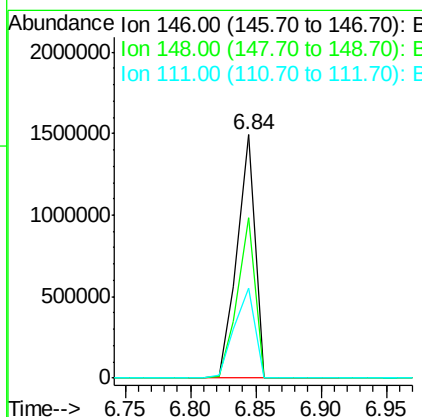
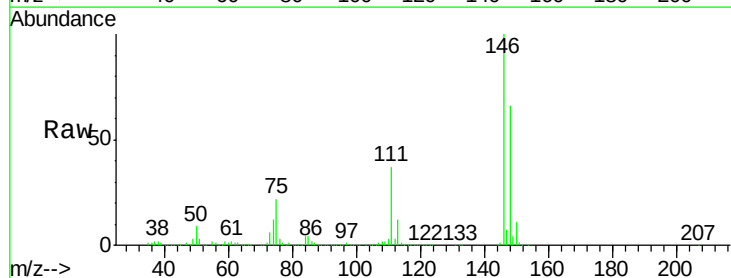
Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

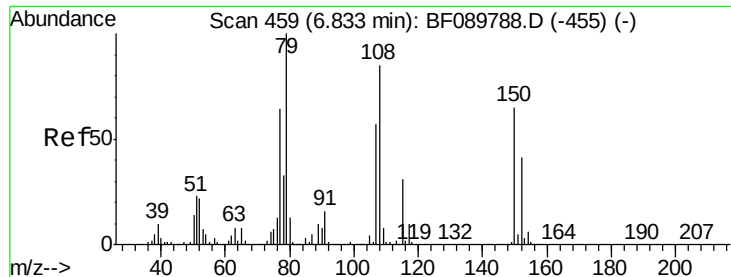
Tgt Ion:146 Resp: 1376226
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.6
 111 42.6 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 46.27 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:146 Resp: 1419553
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.2 78.2
 111 37.0 29.8 44.6





#15

Benzyl Alcohol

Concen: 52.51 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

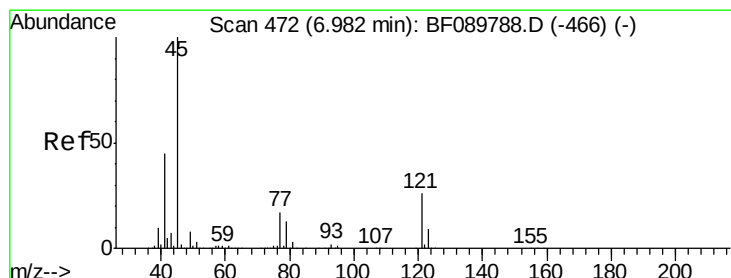
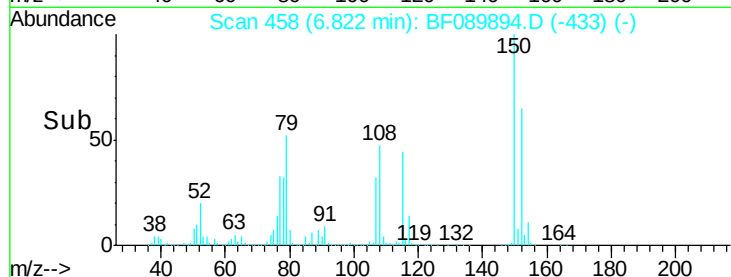
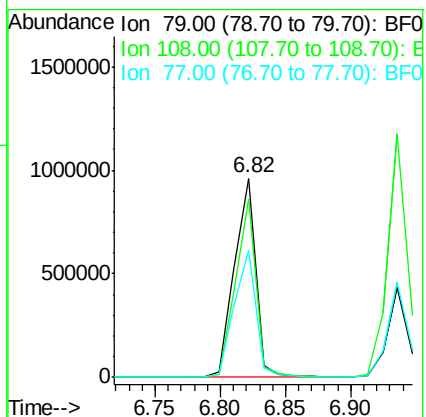
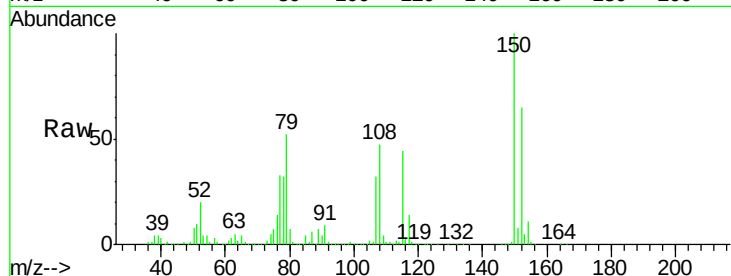
Tgt Ion: 79 Resp: 1093217

Ion Ratio Lower Upper

79 100

108 90.0 62.5 93.7

77 63.7 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.80 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

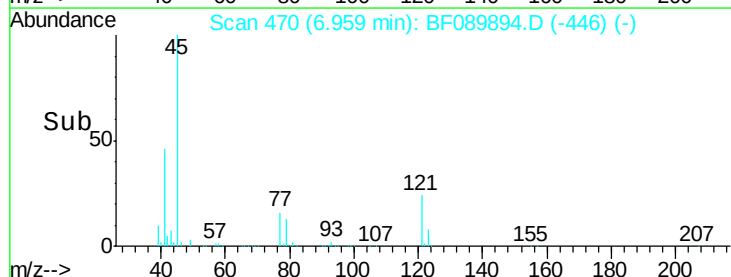
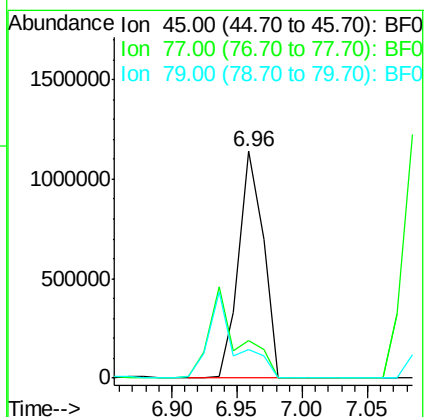
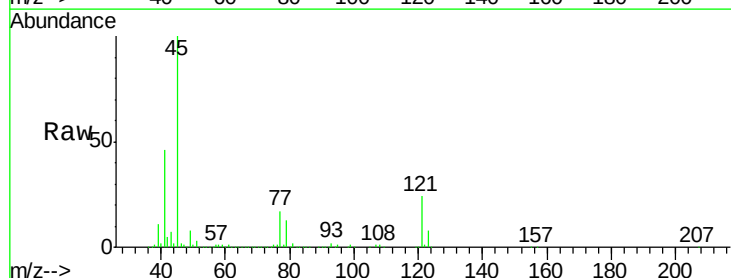
Tgt Ion: 45 Resp: 1489864

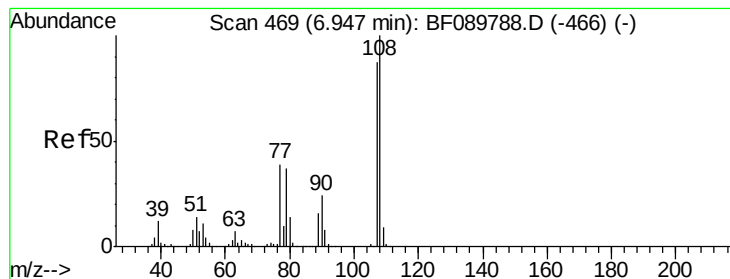
Ion Ratio Lower Upper

45 100

77 16.7 0.0 33.5

79 12.8 0.0 30.7

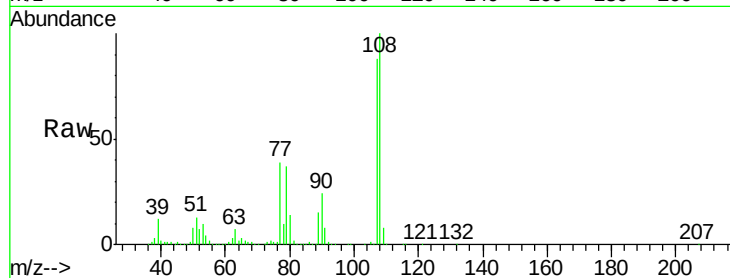




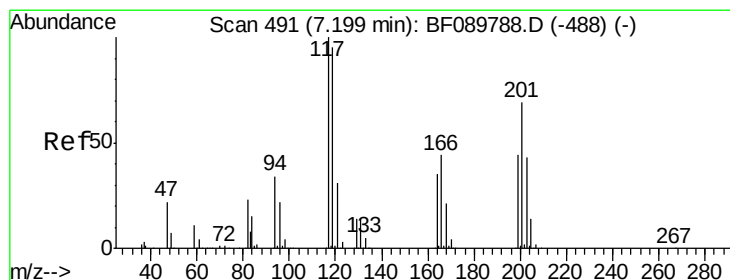
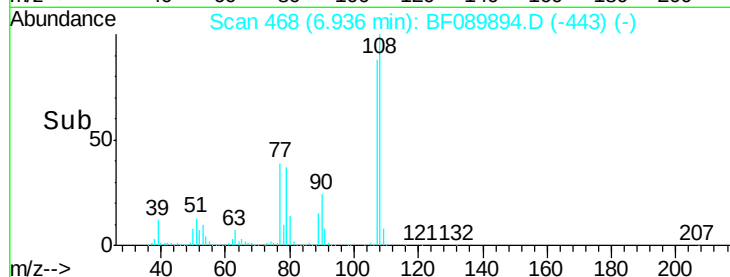
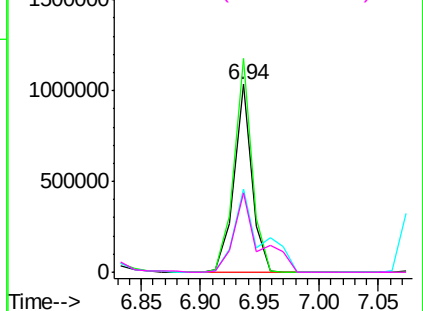
#17
2-Methylphenol
Concen: 45.10 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tgt Ion:107 Resp: 1080210
Ion Ratio Lower Upper
107 100
108 113.9 91.0 136.4
77 44.3 37.4 56.0
79 42.1 36.6 55.0

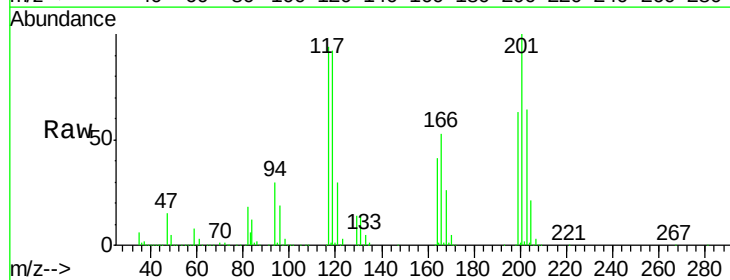


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

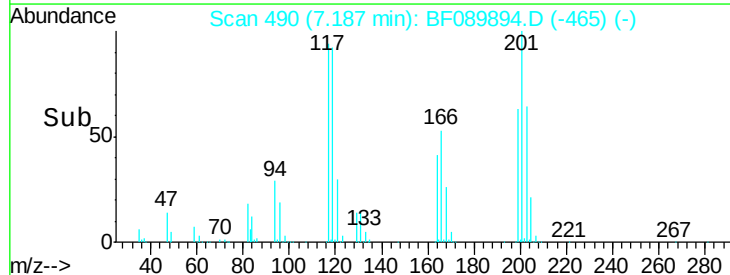
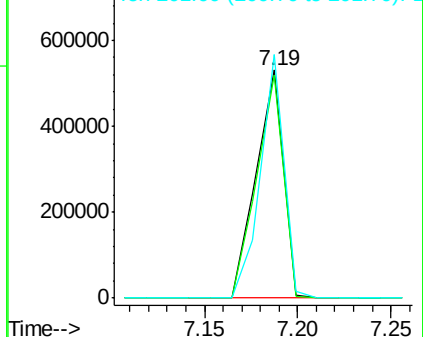


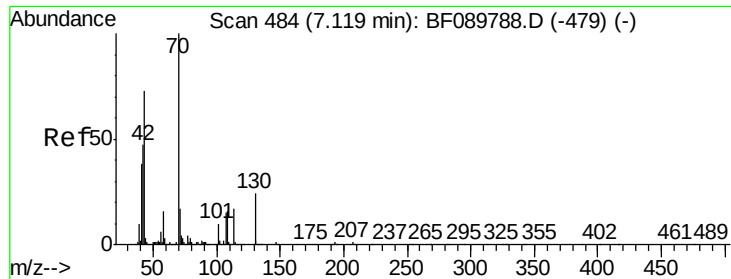
#18
Hexachloroethane
Concen: 45.64 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:117 Resp: 534924
Ion Ratio Lower Upper
117 100
119 98.1 77.1 115.7
201 106.8 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

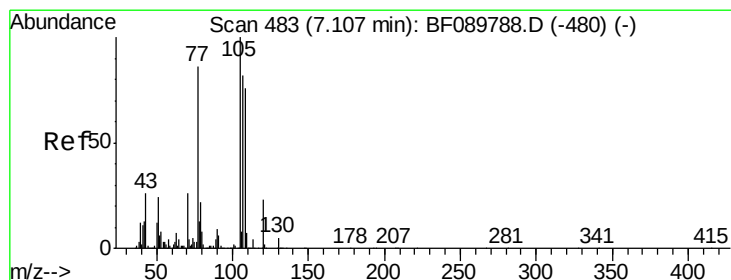
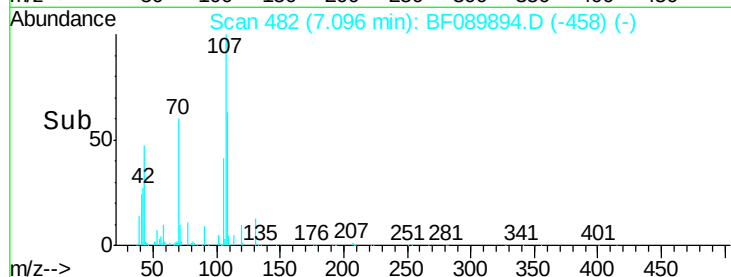
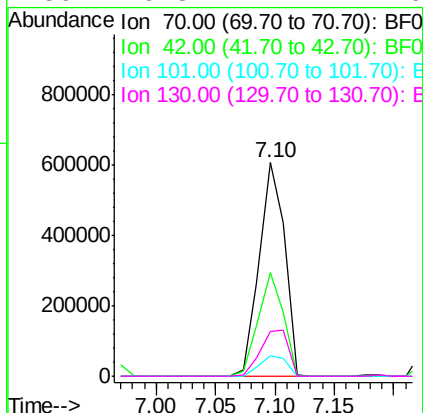
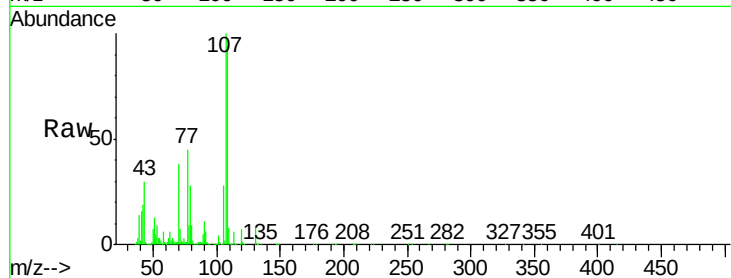




#19
n-Nitroso-di-n-propylamine
Concen: 45.30 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

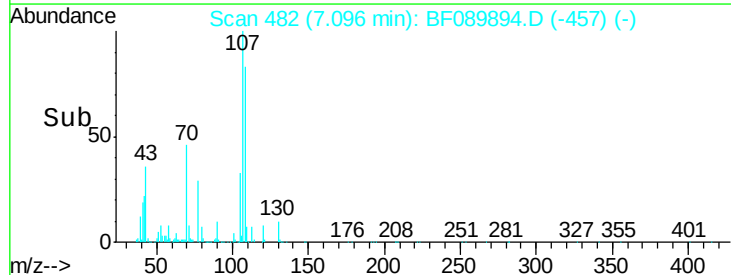
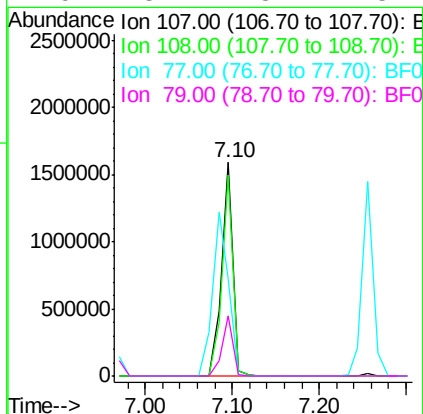
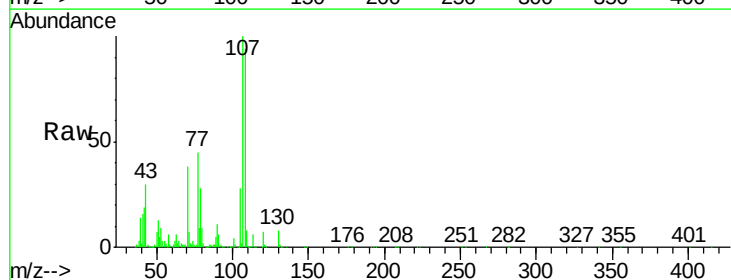
Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

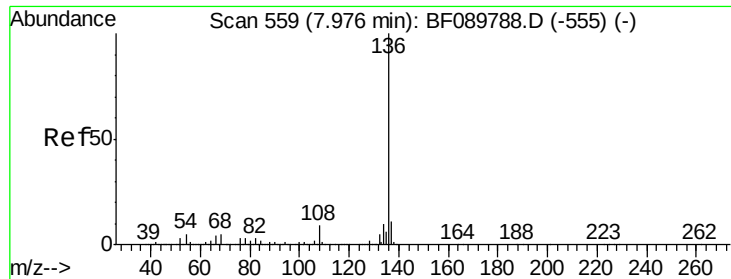
Tgt Ion:	70	Resp:	909560
Ion	Ratio	Lower	Upper
70	100		
42	48.6	46.3	69.5
101	9.8	7.0	10.6
130	20.8	14.4	21.6



#20
3+4-Methylphenols
Concen: 49.73 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:	107	Resp:	1460480
Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.2	108.2
77	45.3	122.3	162.3#
79	28.1	8.2	48.2

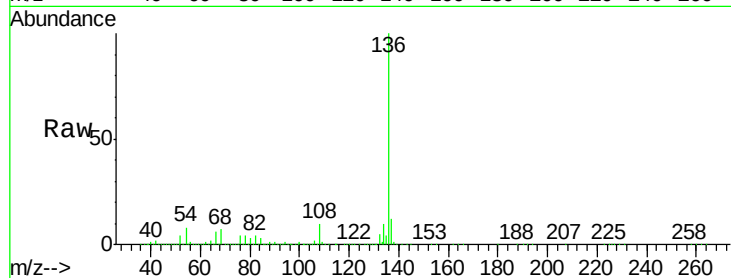




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tgt Ion:	136	Resp:	1754149
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.7	7.2	10.8
68	6.7	5.8	8.8



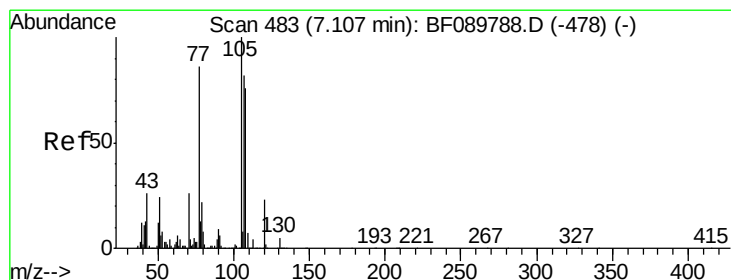
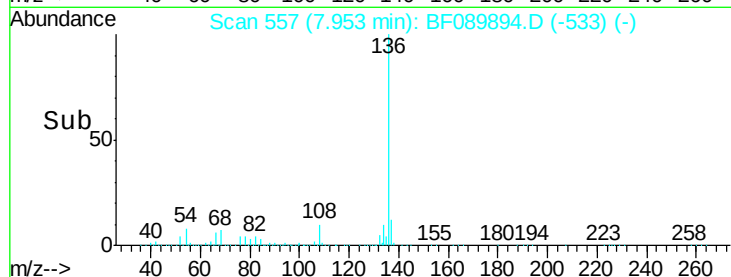
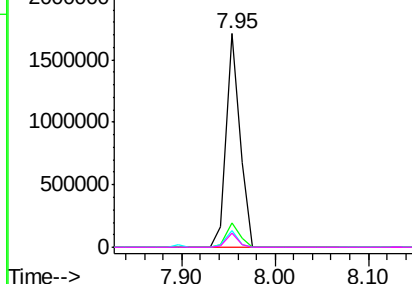
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

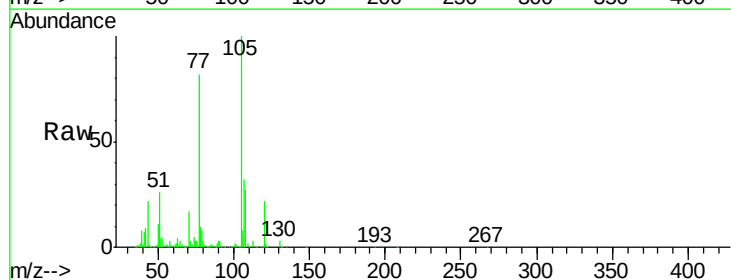
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:	105	Resp:	1616693
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.9	2.9#
51	25.6	28.5	42.7#
120	21.7	16.6	25.0



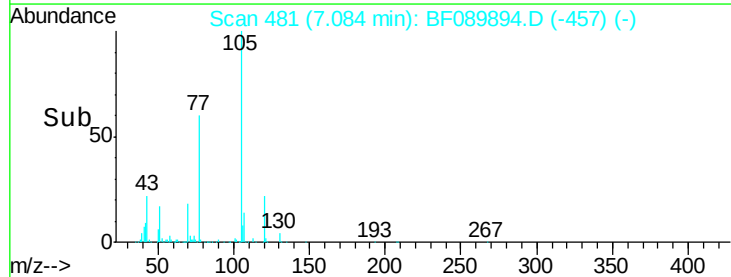
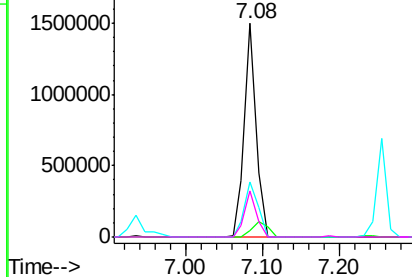
Abundance

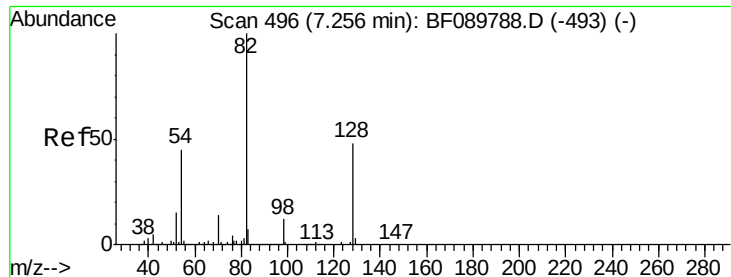
Ion 105.00 (104.70 to 105.70): E

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

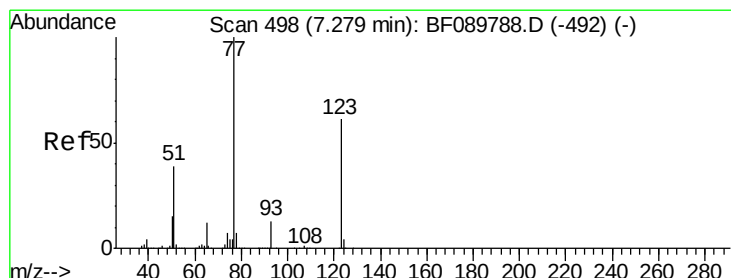
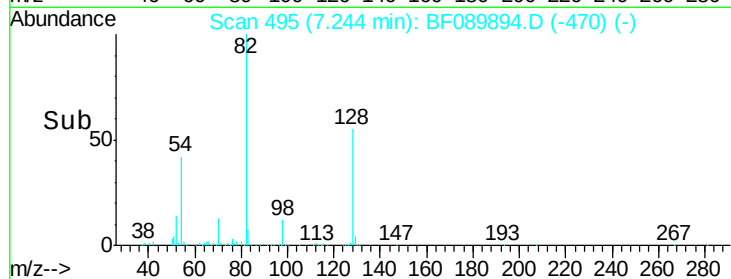
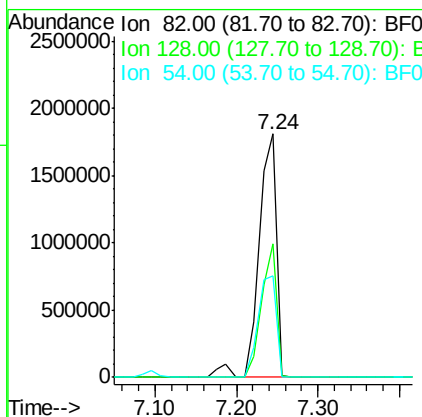
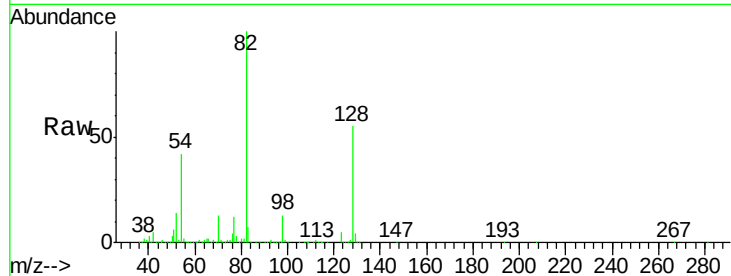




#23
 Nitrobenzene-d5
 Concen: 95.88 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

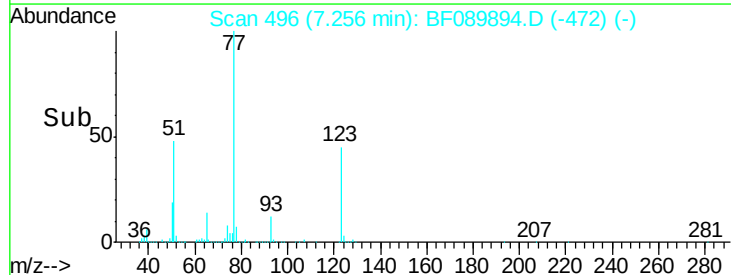
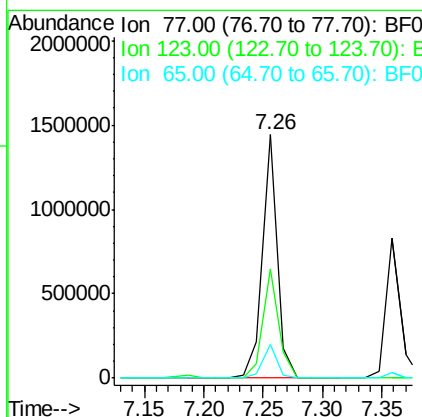
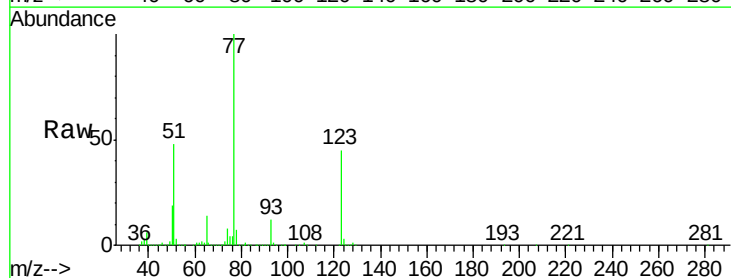
Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

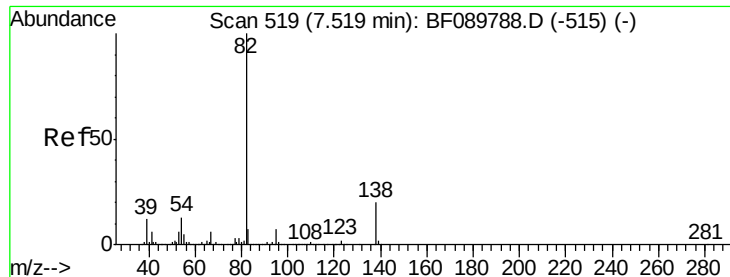
Tgt Ion: 82 Resp: 2707220
 Ion Ratio Lower Upper
 82 100
 128 54.8 34.4 51.6#
 54 41.7 40.3 60.5



#24
 Nitrobenzene
 Concen: 40.01 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion: 77 Resp: 1267358
 Ion Ratio Lower Upper
 77 100
 123 45.1 36.2 54.2
 65 13.9 10.6 15.8





#25

Isophorone

Concen: 44.75 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

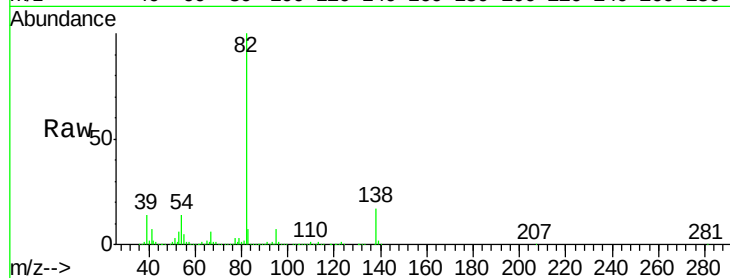
Tgt Ion: 82 Resp: 2548669

Ion Ratio Lower Upper

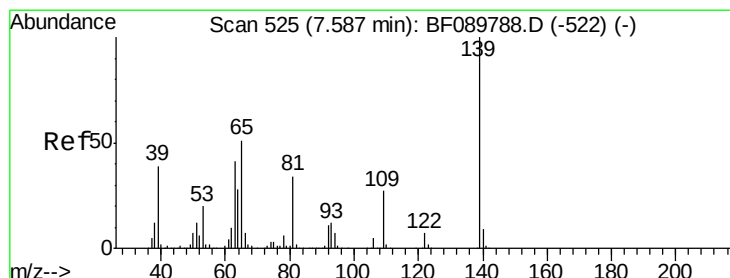
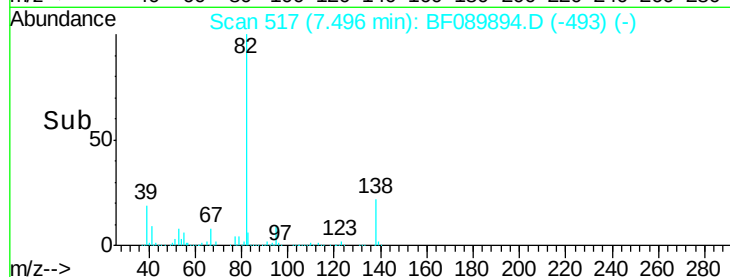
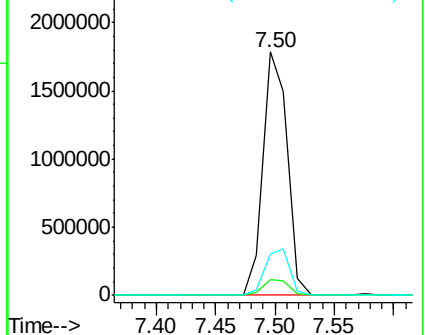
82 100

95 6.7 5.3 7.9

138 16.8 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.45 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

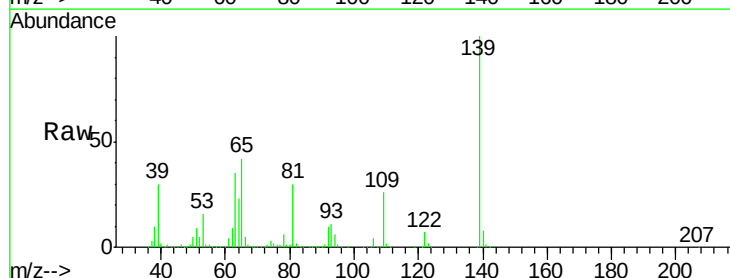
Tgt Ion: 139 Resp: 797376

Ion Ratio Lower Upper

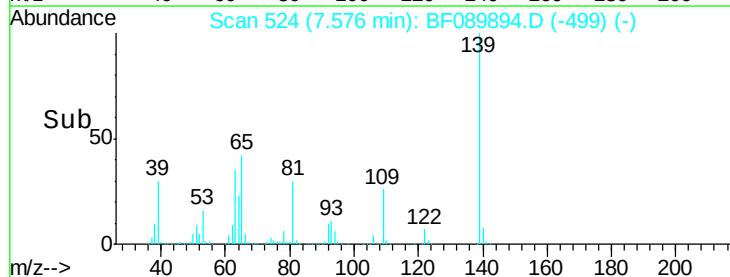
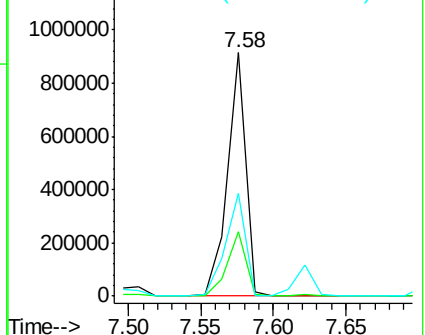
139 100

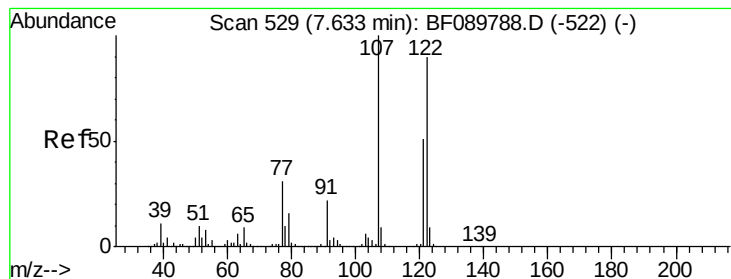
109 26.2 19.5 29.3

65 42.4 26.5 39.7#



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

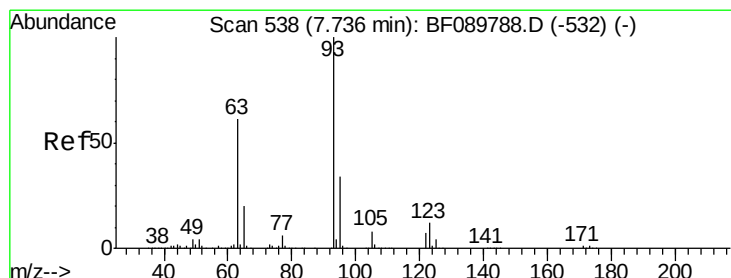
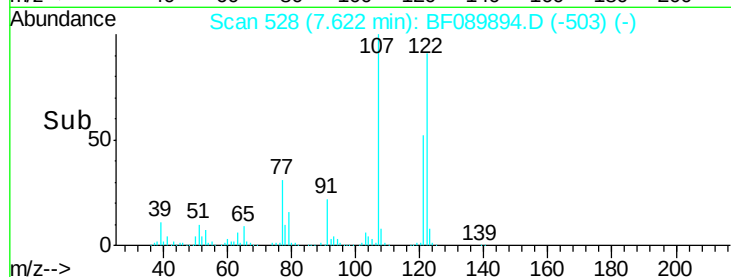
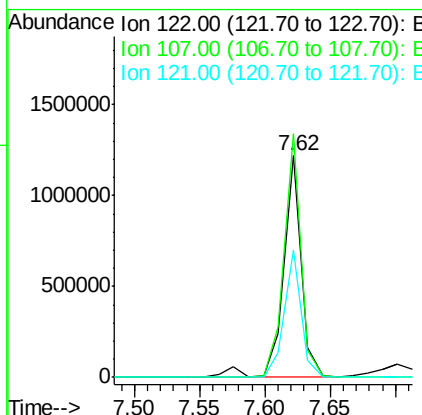
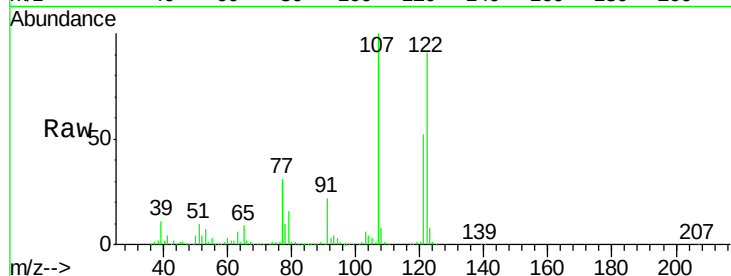




#27
 2,4-Dimethylphenol
 Concen: 41.38 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

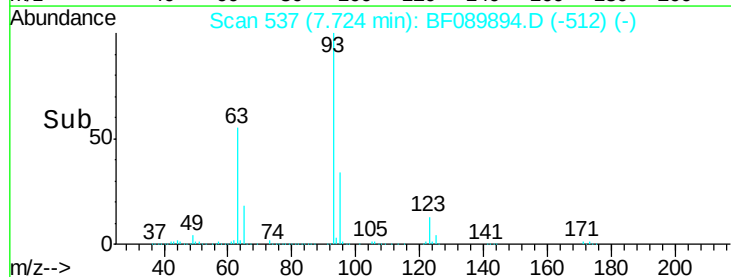
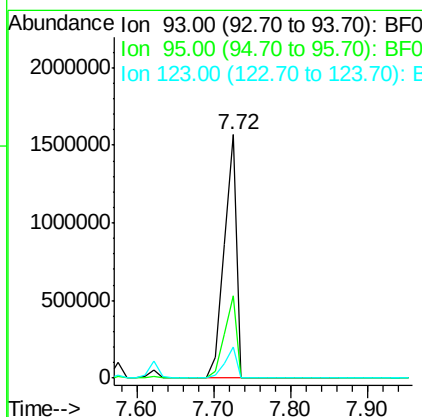
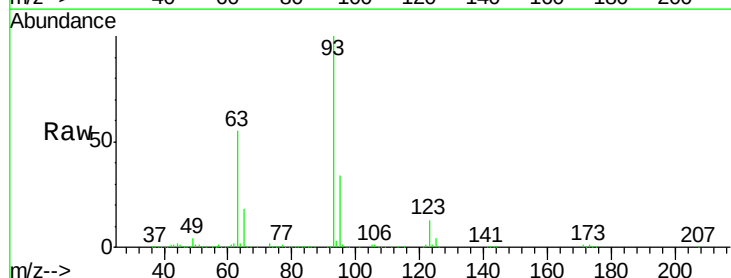
Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

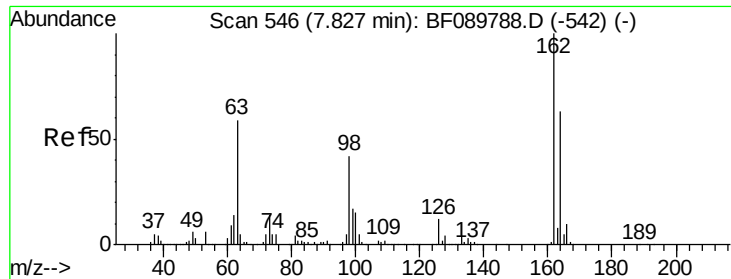
Tgt Ion:122 Resp: 1178700
 Ion Ratio Lower Upper
 122 100
 107 109.8 84.8 127.2
 121 57.3 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.11 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion: 93 Resp: 1765448
 Ion Ratio Lower Upper
 93 100
 95 33.8 25.5 38.3
 123 12.6 8.5 12.7

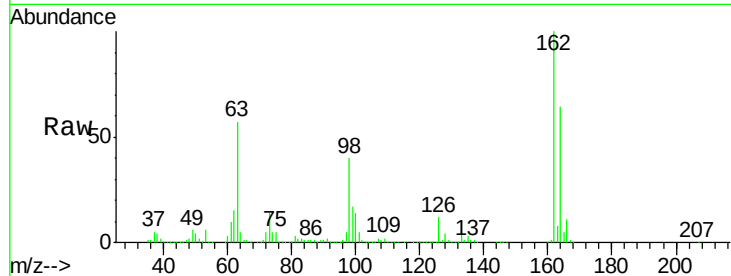




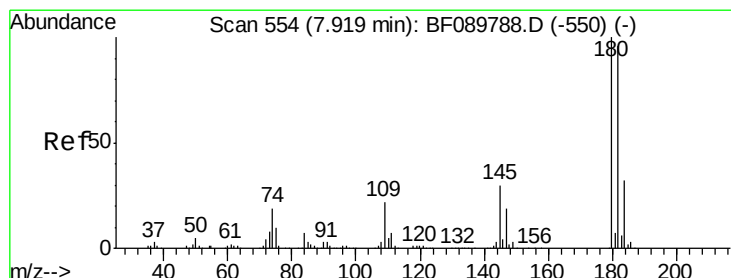
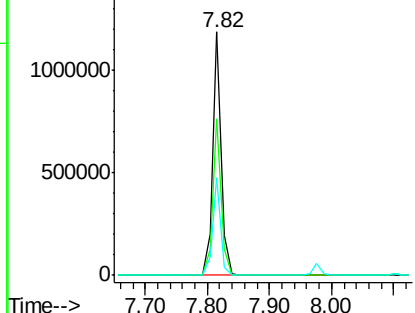
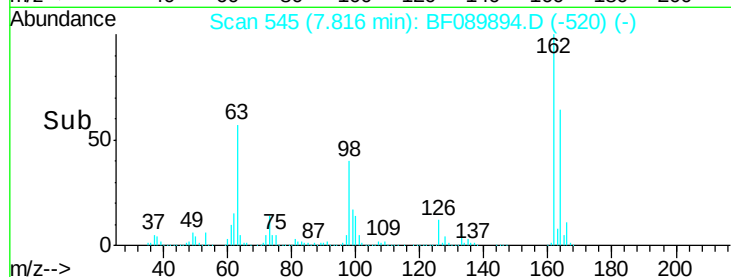
#29
 2,4-Dichlorophenol
 Concen: 46.03 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tgt Ion:162 Resp: 1100152
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.5 85.5
 98 40.1 12.4 52.4

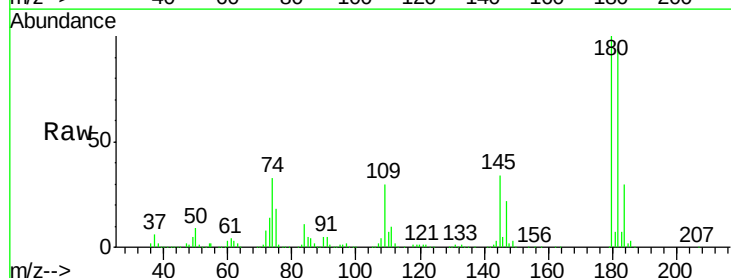


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

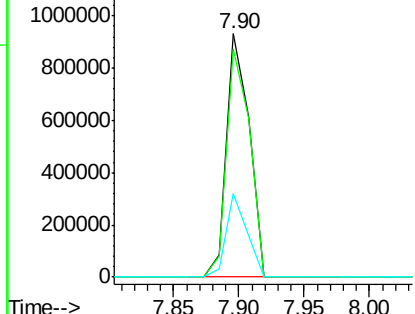
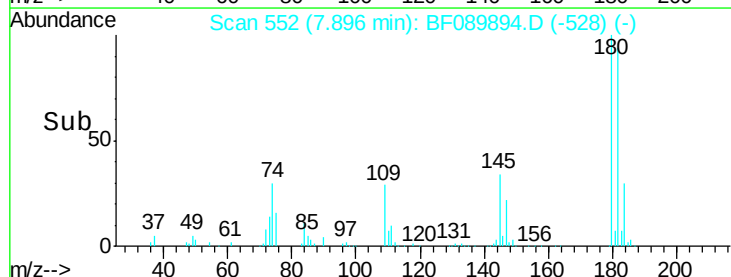


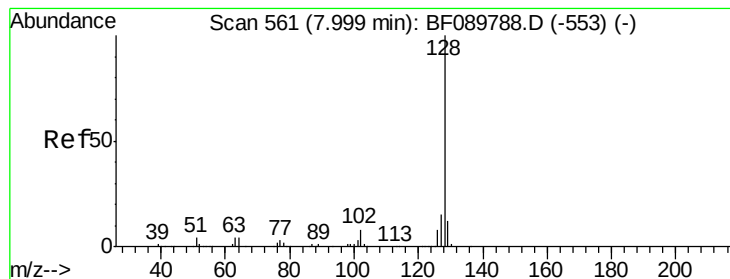
#30
 1,2,4-Trichlorobenzene
 Concen: 42.39 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:180 Resp: 1120792
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.5 113.3
 145 34.5 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: 41.55 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

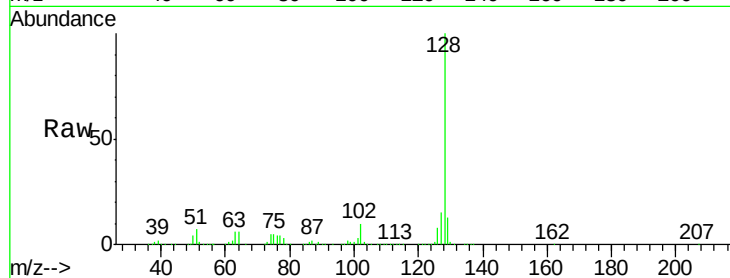
Tgt Ion:128 Resp: 3406777

Ion Ratio Lower Upper

128 100

129 12.7 9.5 14.3

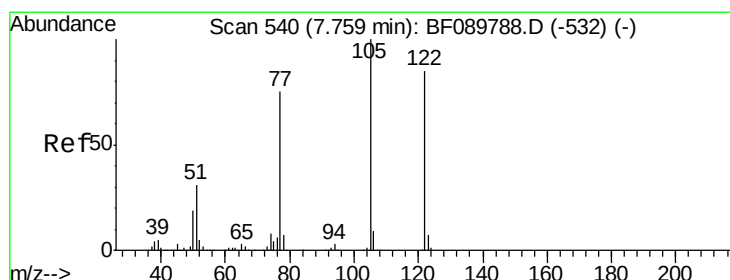
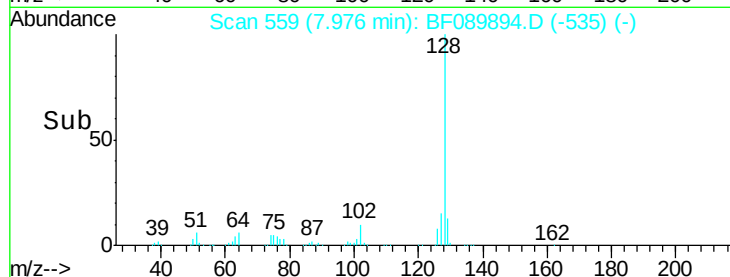
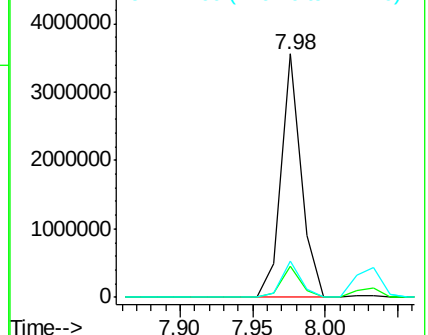
127 14.7 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.48 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

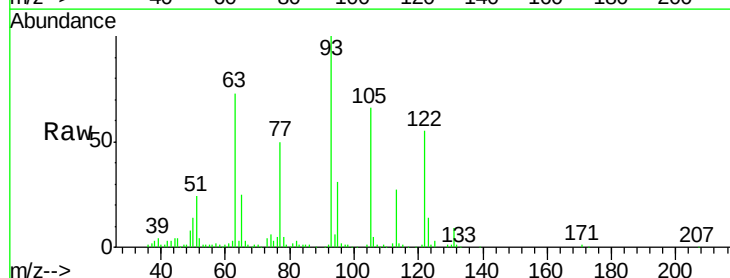
Tgt Ion:122 Resp: 166006

Ion Ratio Lower Upper

122 100

105 119.5 100.8 140.8

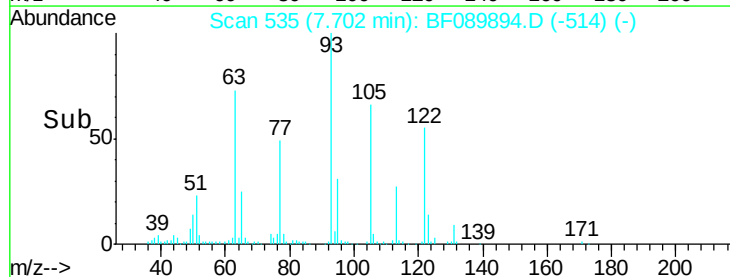
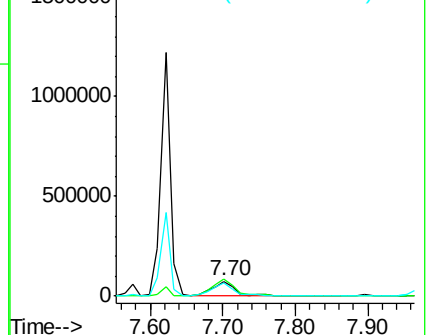
77 91.4 72.1 112.1

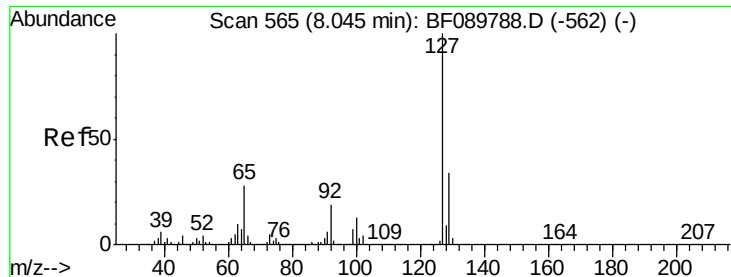


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

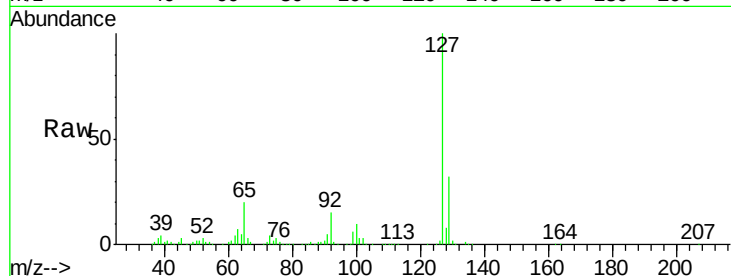




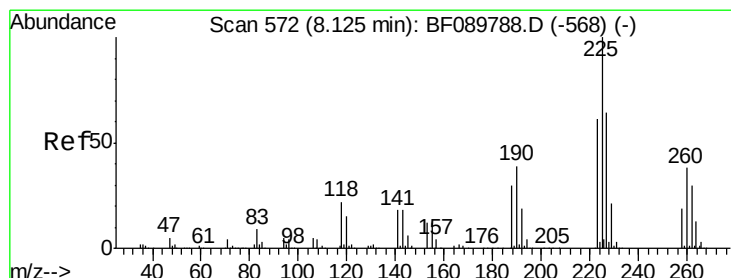
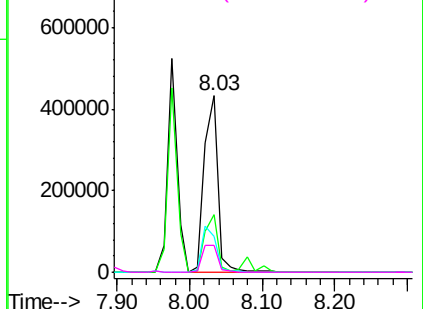
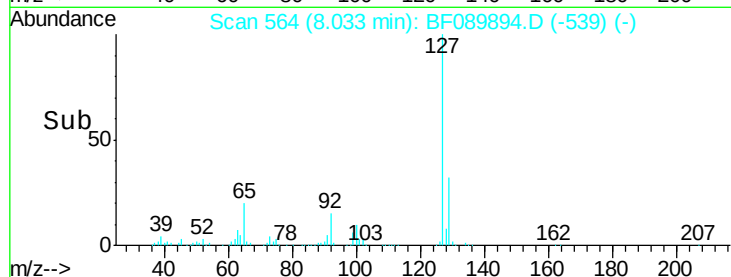
#33
4-Chloroaniline
Concen: 16.10 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tgt Ion:	127	Resp:	572108
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.6
65	20.4	14.7	22.1
92	15.0	11.7	17.5

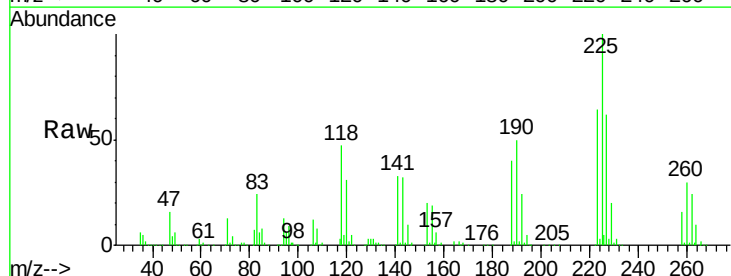


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

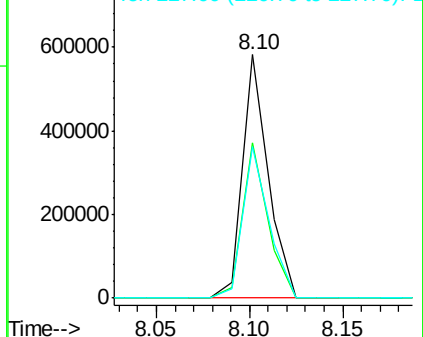
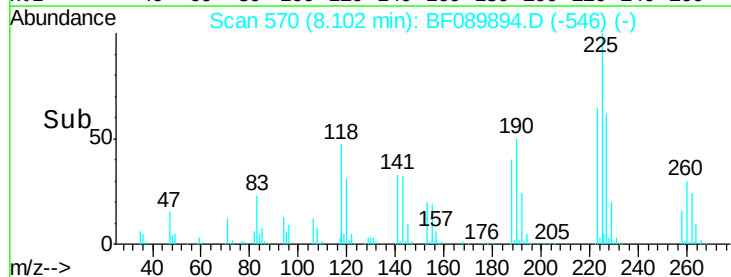


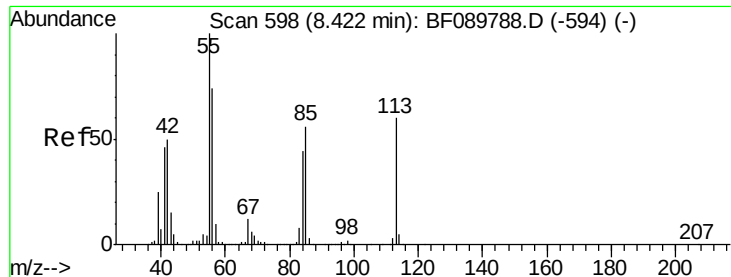
#34
Hexachlorobutadiene
Concen: 40.15 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:	225	Resp:	555848
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	62.2	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

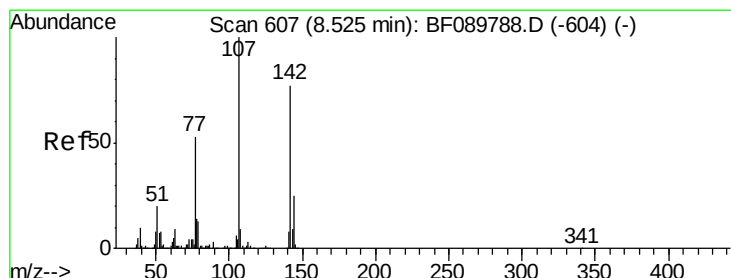
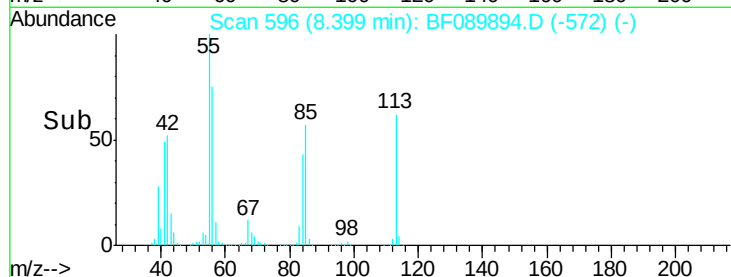
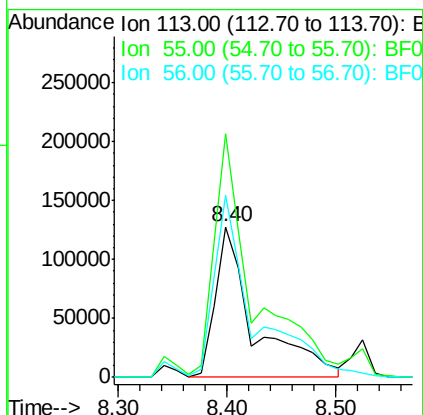
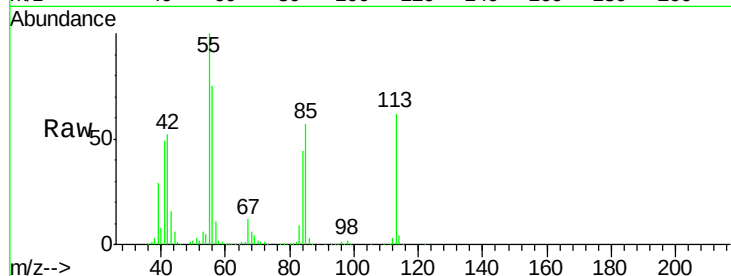




#35
 Caprolactam
 Concen: 43.72 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

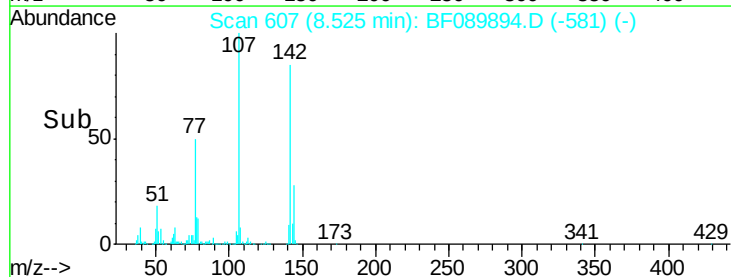
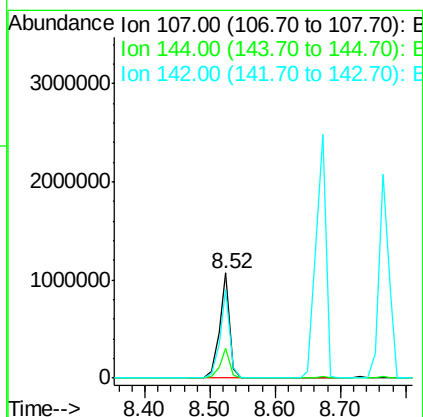
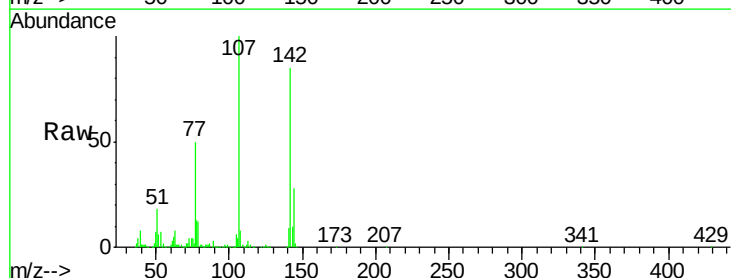
Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

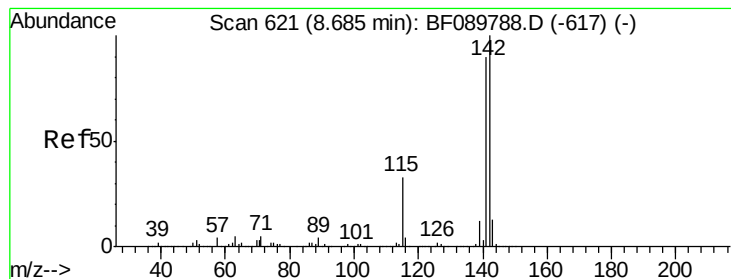
Tgt Ion:113 Resp: 318227
 Ion Ratio Lower Upper
 113 100
 55 162.0 135.9 175.9
 56 121.6 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.46 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:107 Resp: 1176856
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.6 34.0
 142 84.7 69.3 103.9

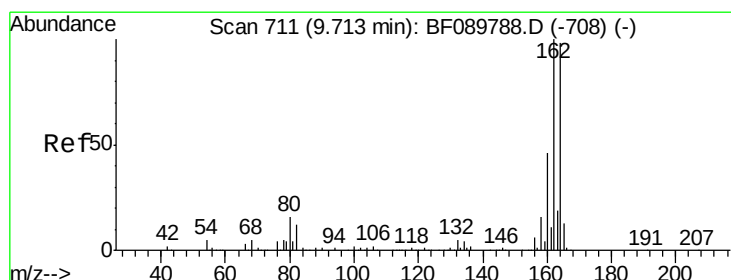
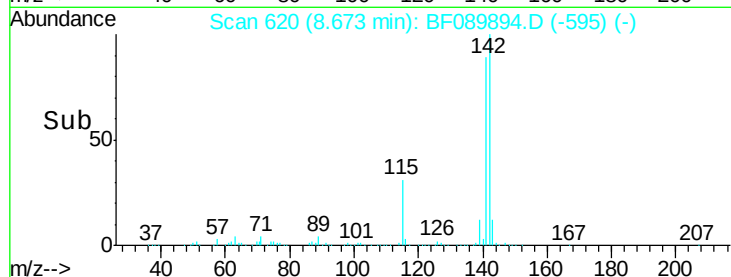
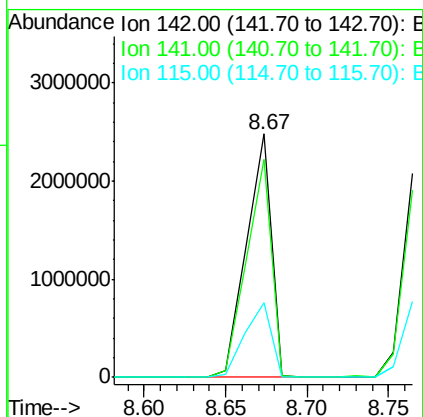
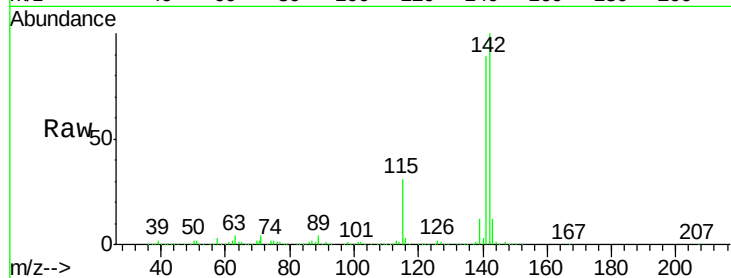




#37
 2-Methylnaphthalene
 Concen: 49.51 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

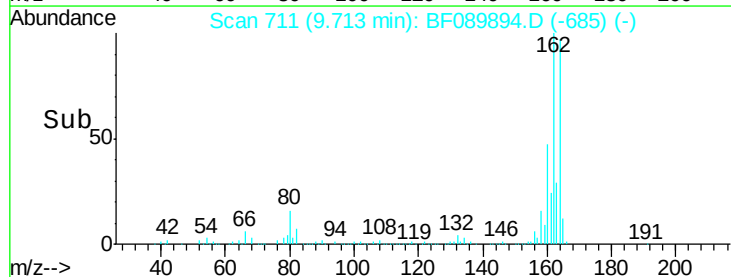
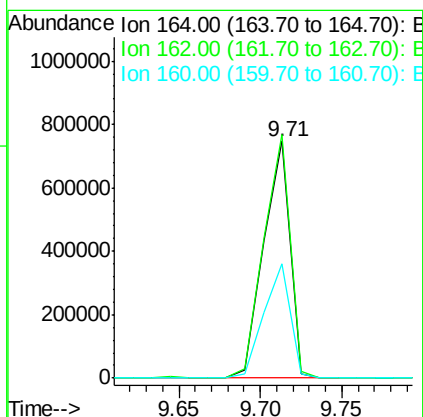
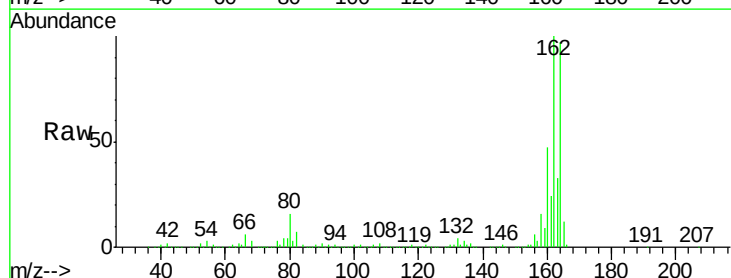
Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

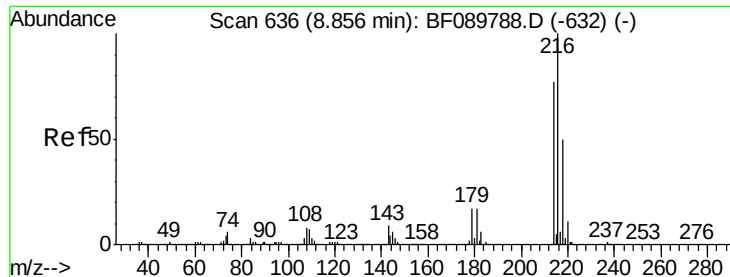
Tgt Ion:142 Resp: 2626169
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 30.7 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:164 Resp: 838257
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.2
 160 48.3 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.73 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

Tgt Ion:216 Resp: 834037

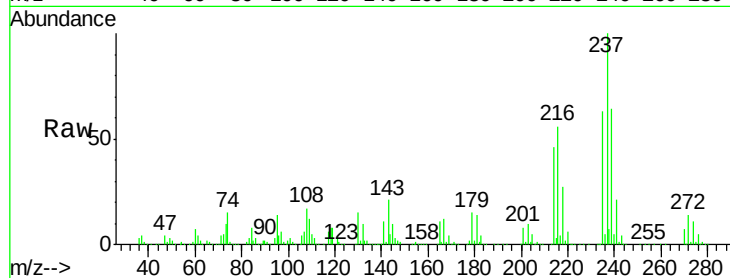
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.7 19.9 29.9

108 22.5 19.9 29.9

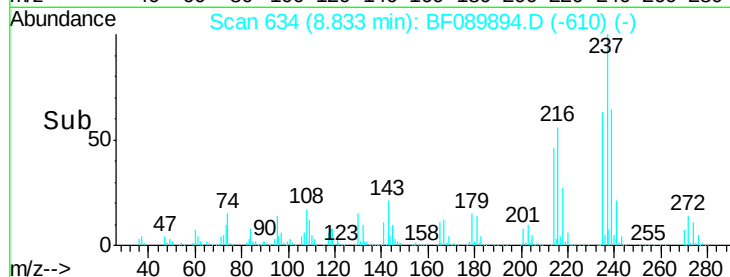


Abundance Ion 216.00 (215.70 to 216.70): E

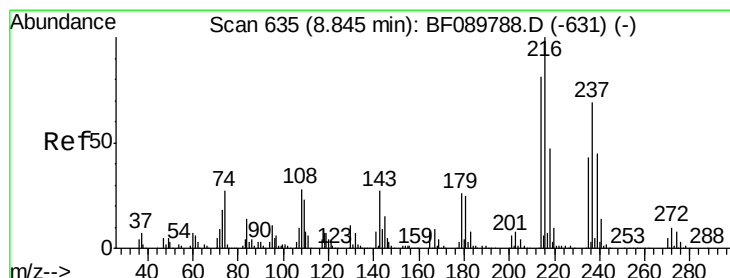
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 109.22 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

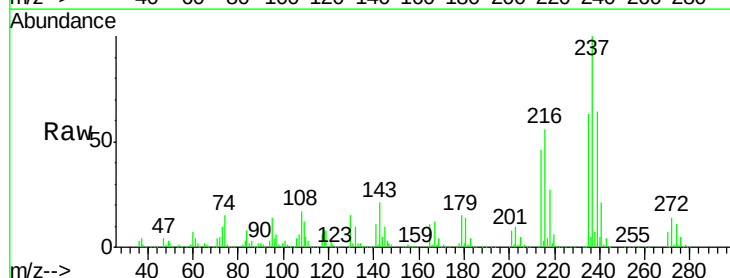
Tgt Ion:237 Resp: 1029291

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

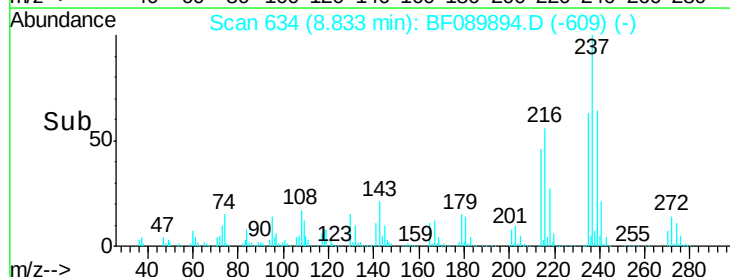
272 14.4 0.0 31.6



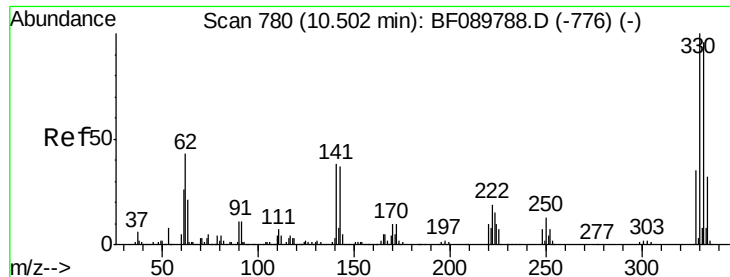
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



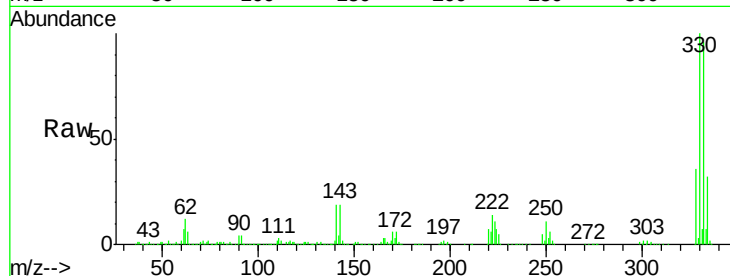
Time-->



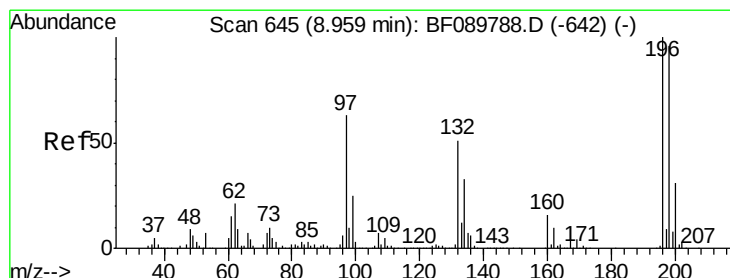
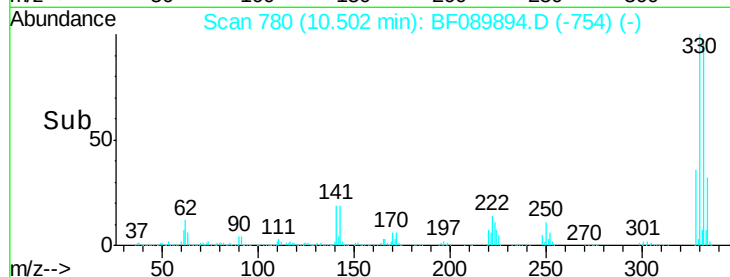
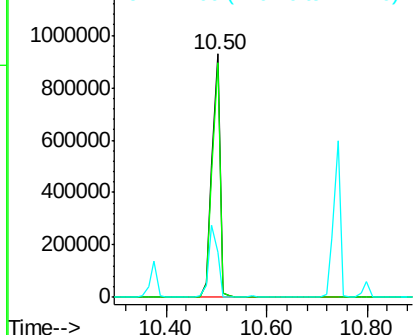
#41
 2,4,6-Tribromophenol
 Concen: 131.56 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tgt Ion:330 Resp: 1048052
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 33.2 30.2 45.2

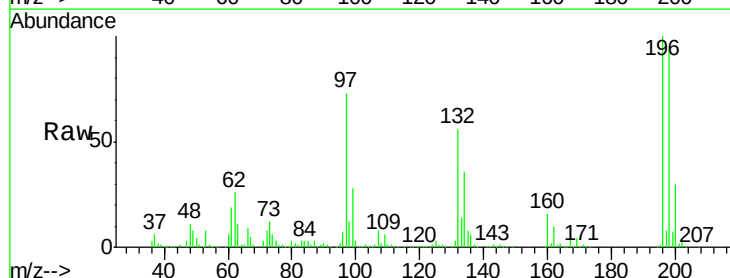


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

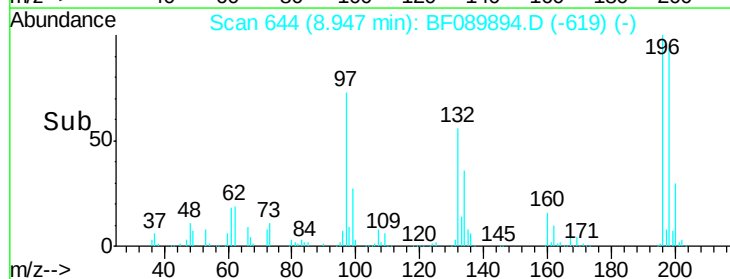
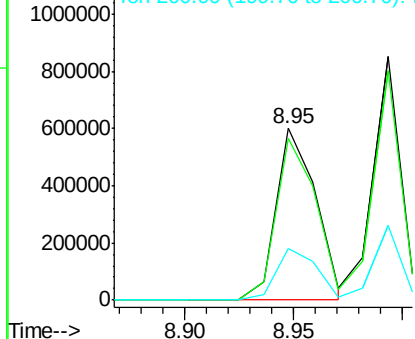


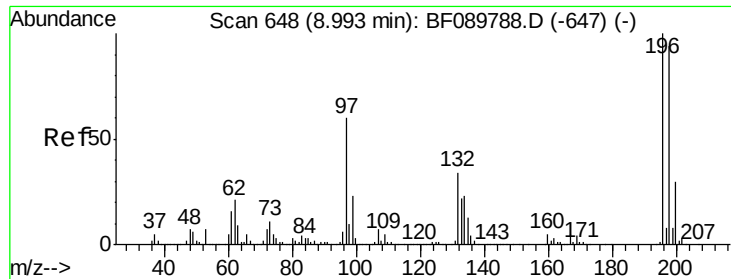
#42
 2,4,6-Trichlorophenol
 Concen: 45.05 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:196 Resp: 769407
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 29.9 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

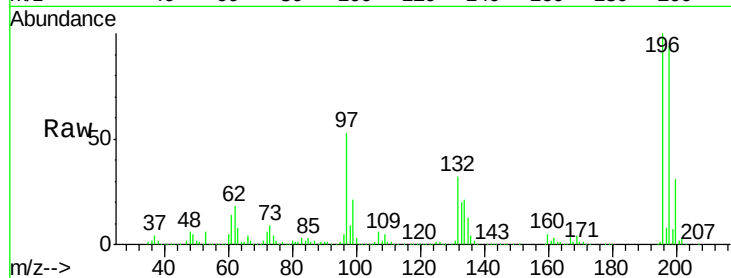




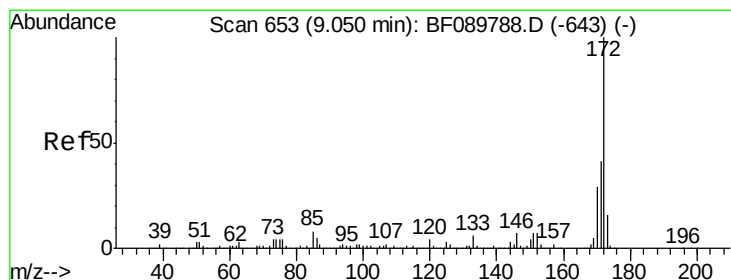
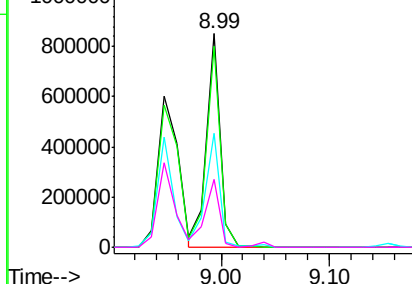
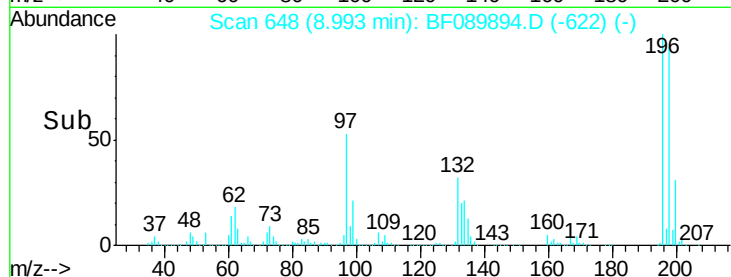
#43
 2,4,5-Trichlorophenol
 Concen: 44.62 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tgt Ion:196 Resp: 757848
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 97 53.2 35.8 53.8
 132 32.0 23.5 35.3

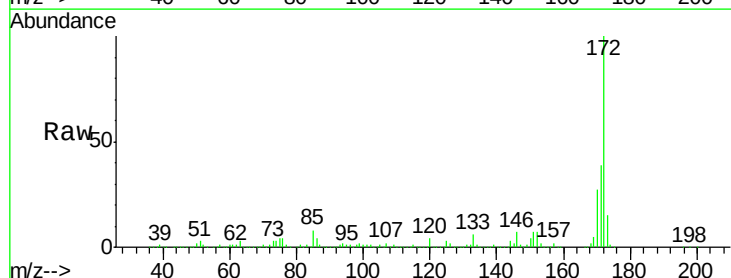


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

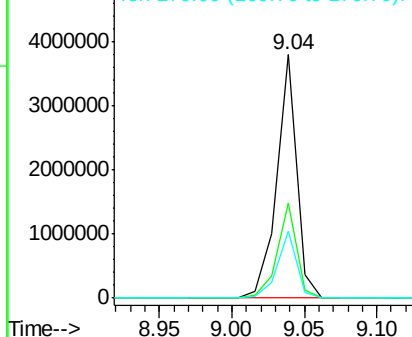
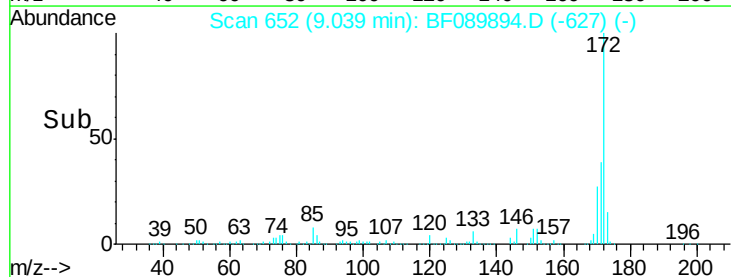


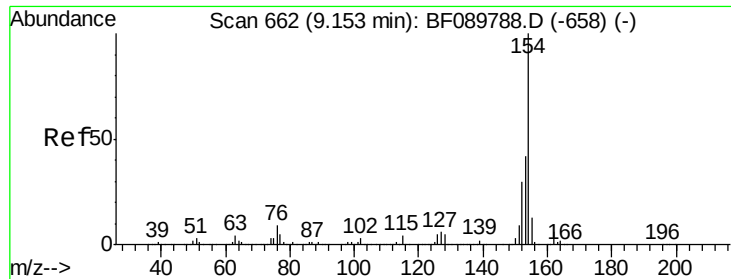
#44
 2-Fluorobiphenyl
 Concen: 75.75 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:172 Resp: 3612684
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.5 45.7
 170 27.3 20.6 31.0



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

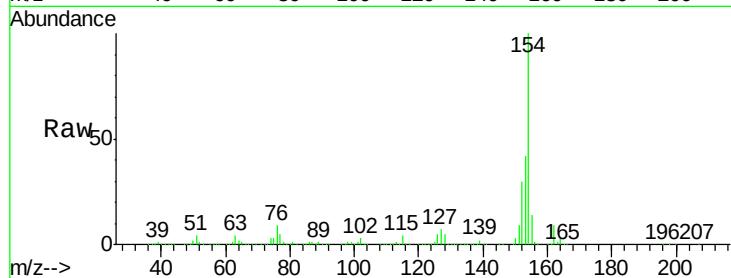




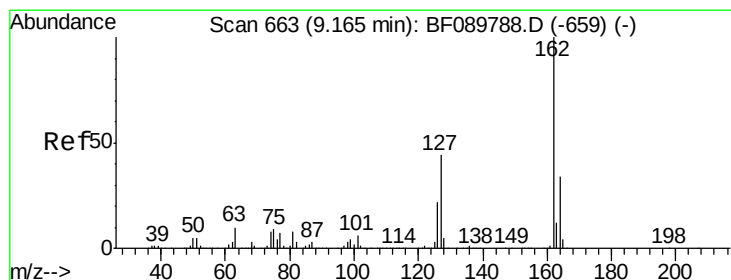
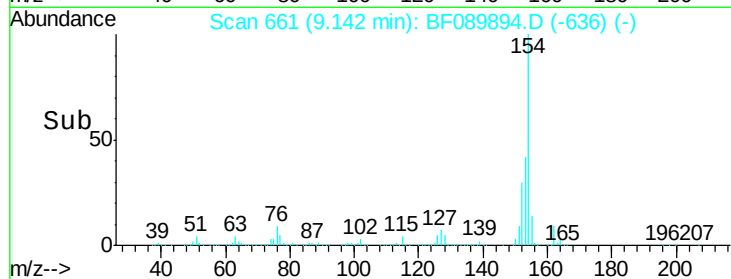
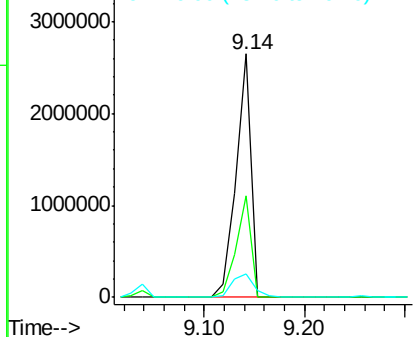
#45
 1,1'-Biphenyl
 Concen: 41.69 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tgt Ion:154 Resp: 2704253
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.5 61.5
 76 9.5 0.0 36.7

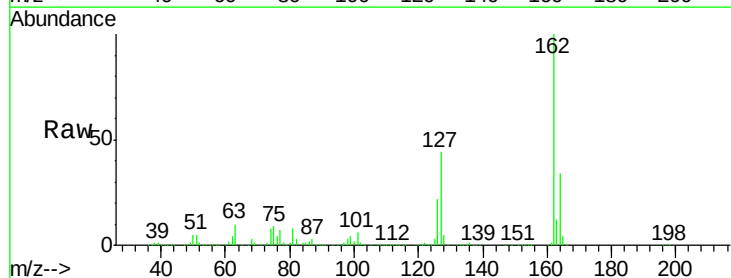


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

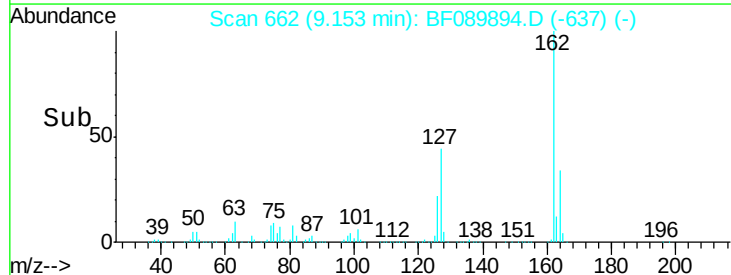
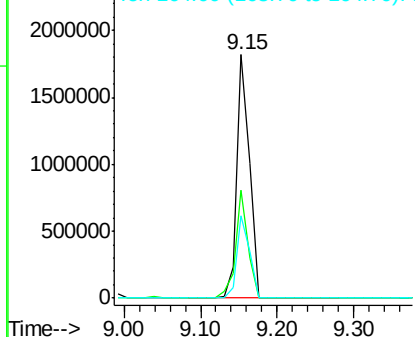


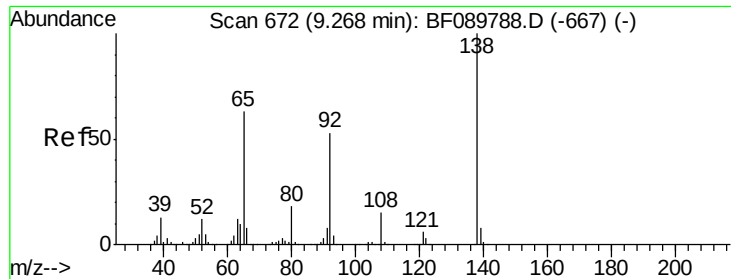
#46
 2-Chloronaphthalene
 Concen: 41.26 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:162 Resp: 2115689
 Ion Ratio Lower Upper
 162 100
 127 44.3 35.5 53.3
 164 33.7 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: 50.72 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

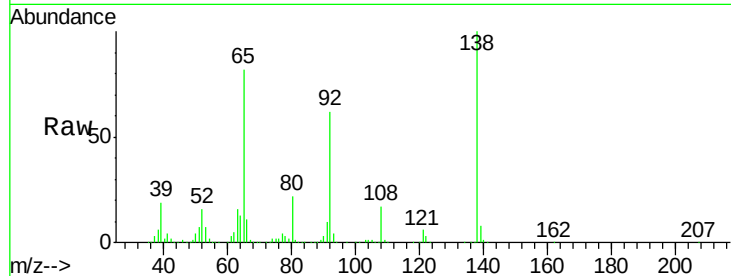
Tgt Ion: 65 Resp: 741745

Ion Ratio Lower Upper

65 100

92 76.1 56.3 84.5

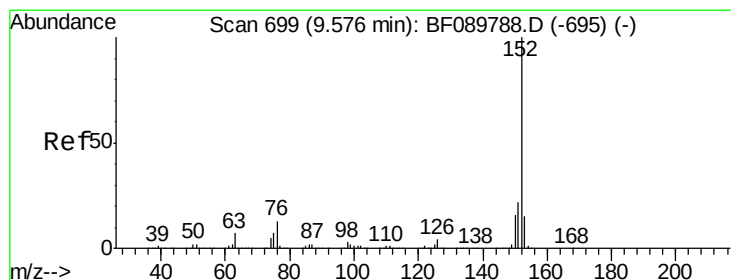
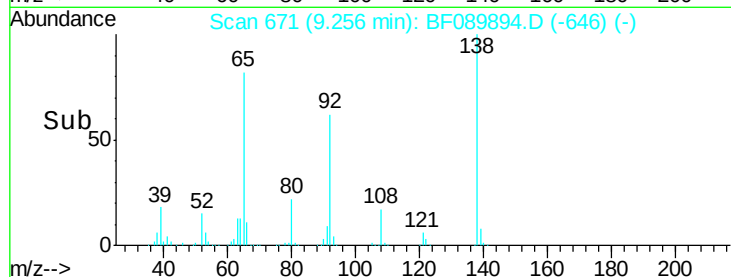
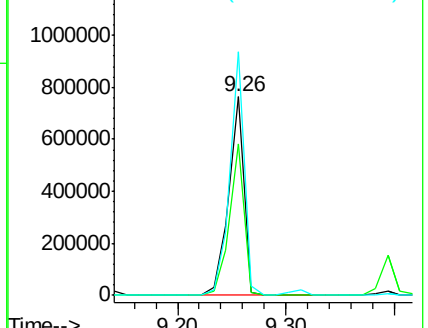
138 122.5 81.8 122.8



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 46.29 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

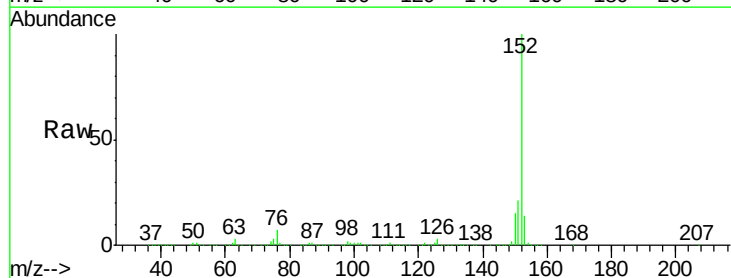
Tgt Ion: 152 Resp: 3566555

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

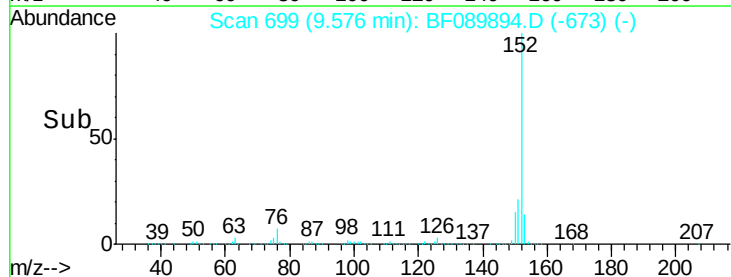
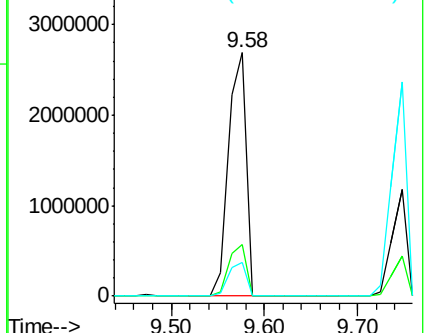
153 13.7 11.2 16.8

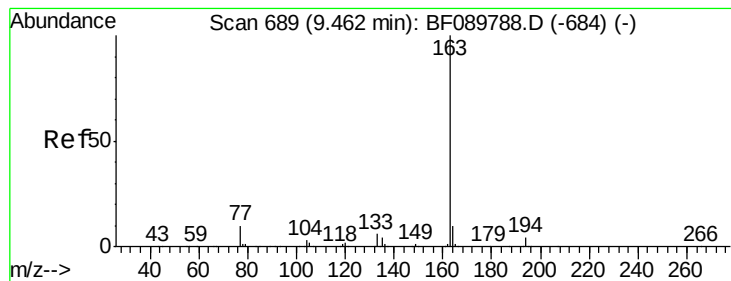


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 70.44 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

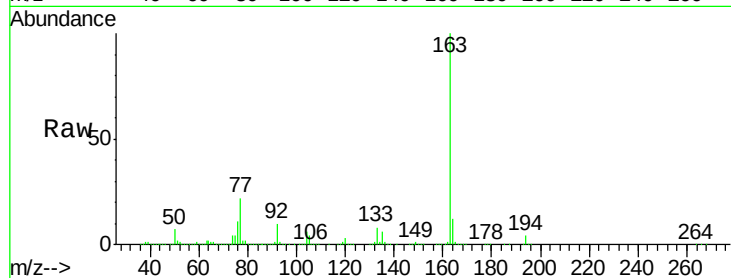
Tgt Ion:163 Resp: 4157829

Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

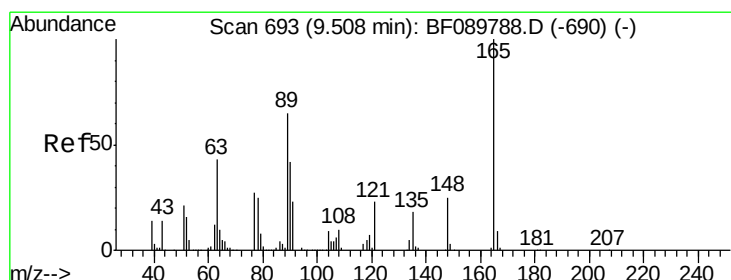
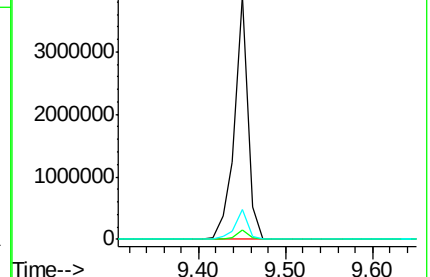
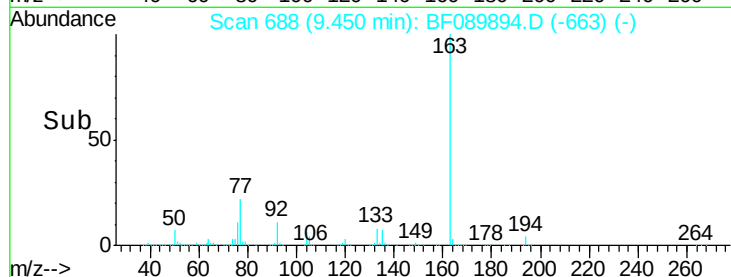
164 12.0 8.6 12.8



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: 51.26 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

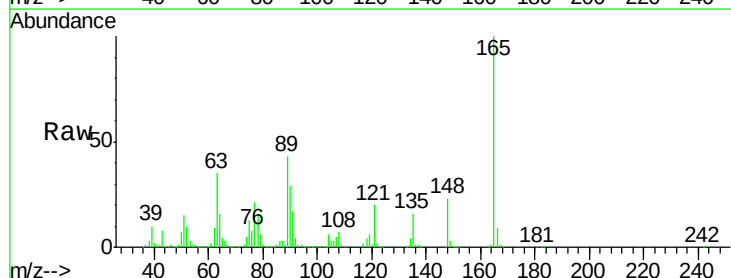
Tgt Ion:165 Resp: 698532

Ion Ratio Lower Upper

165 100

63 35.1 41.7 62.5#

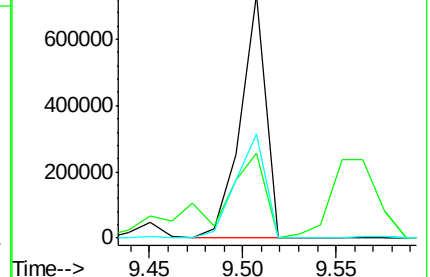
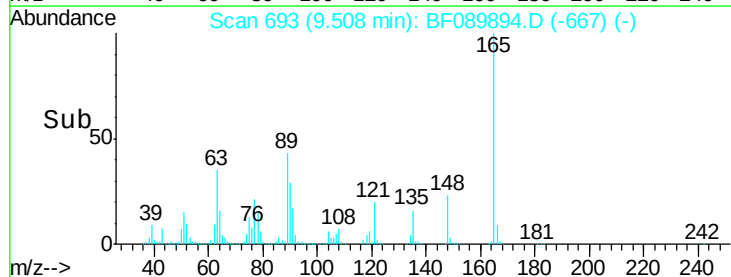
89 42.8 44.6 67.0#

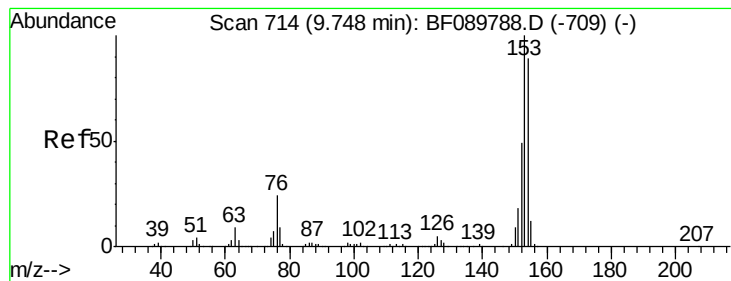


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.41 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

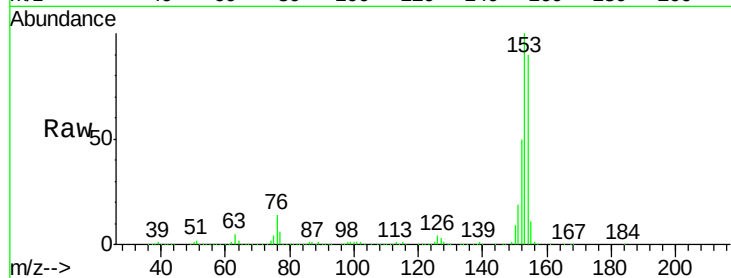
Tgt Ion:154 Resp: 2417747

Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

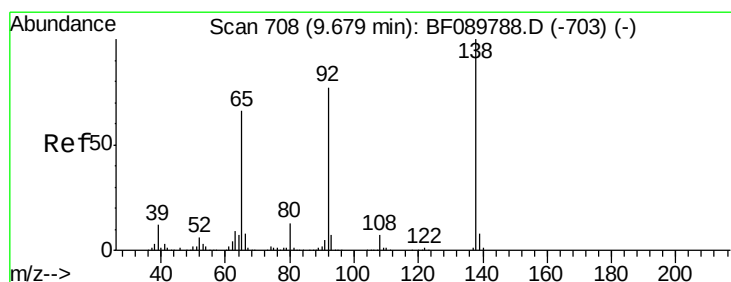
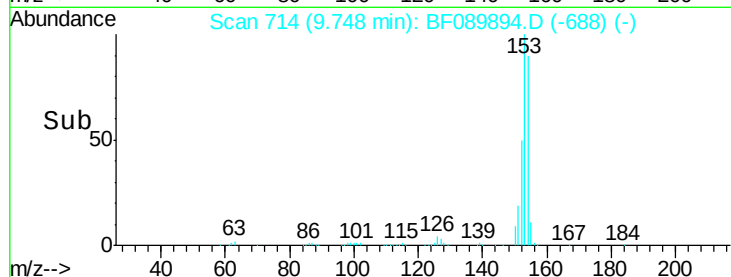
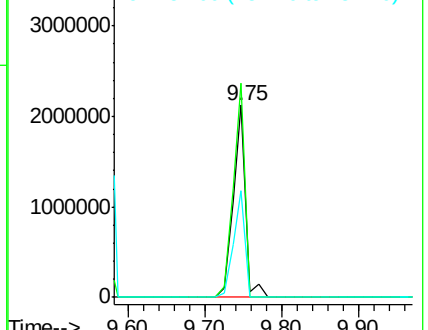
152 55.3 44.6 67.0



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: 36.43 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

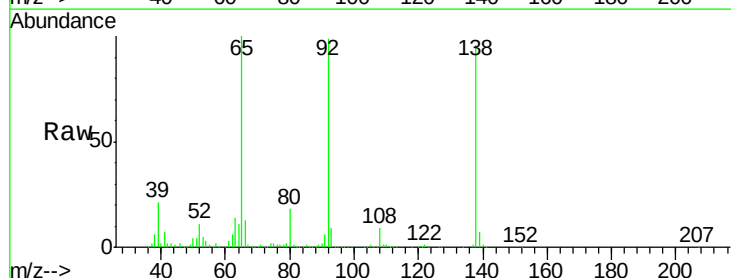
Tgt Ion:138 Resp: 550011

Ion Ratio Lower Upper

138 100

108 9.4 8.1 12.1

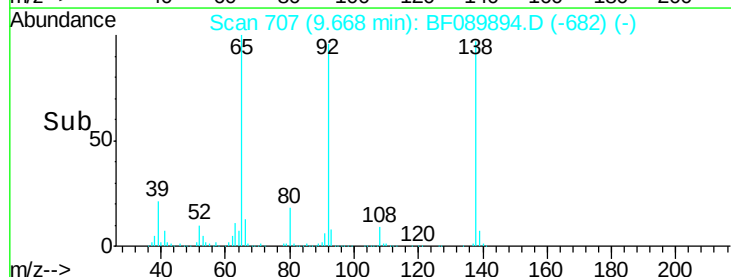
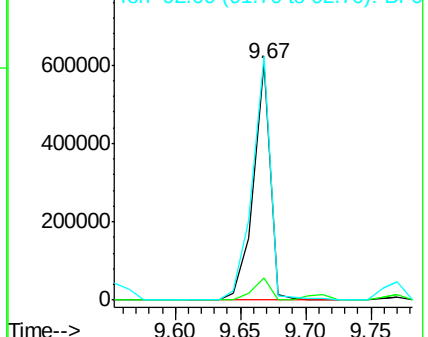
92 102.8 92.7 139.1

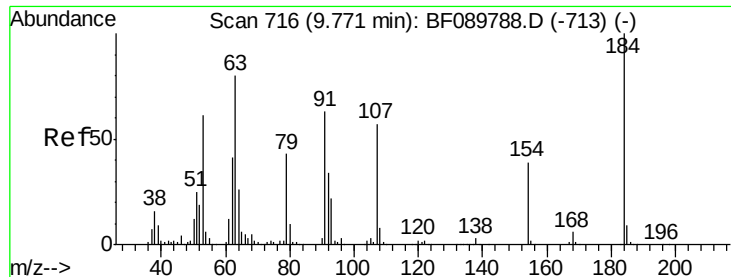


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

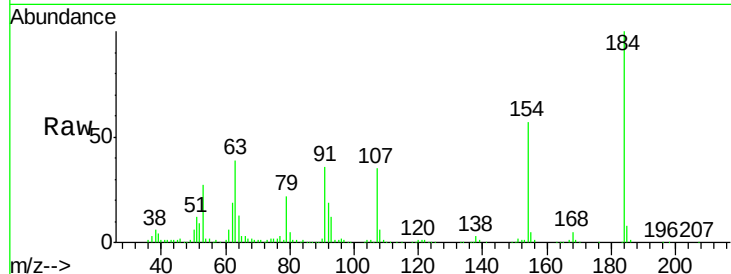




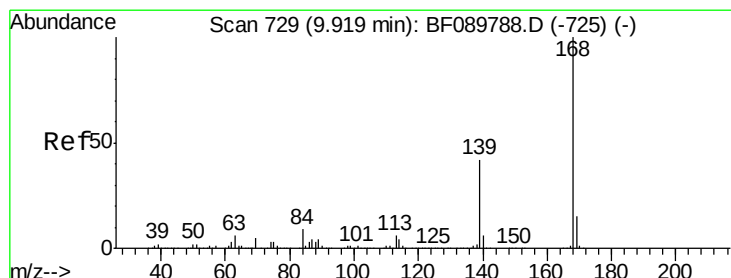
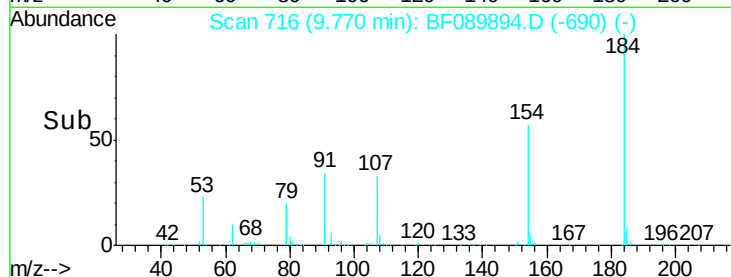
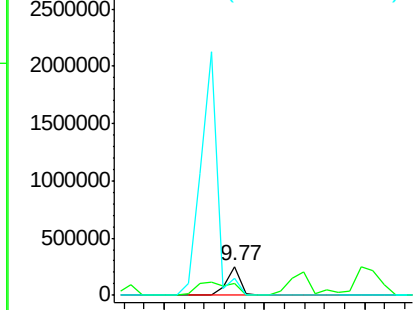
#53
 2,4-Dinitrophenol
 Concen: 38.65 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tgt Ion:184 Resp: 236488
 Ion Ratio Lower Upper
 184 100
 63 38.9 54.2 81.4#
 154 57.0 52.7 79.1

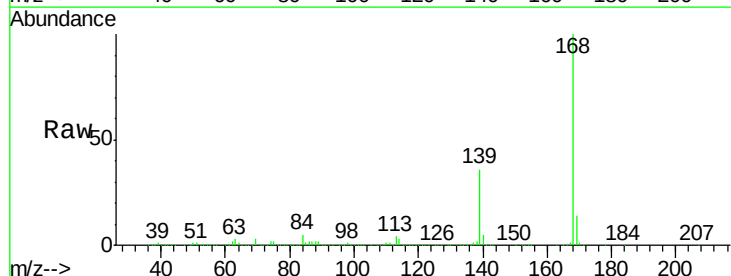


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

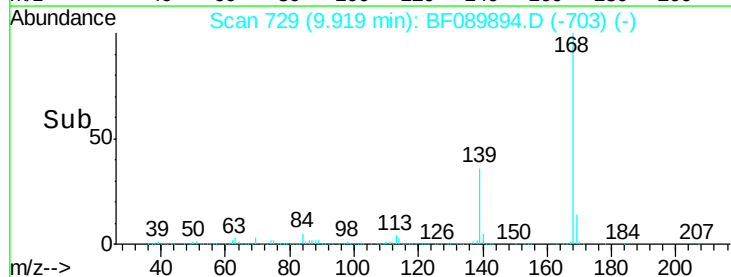
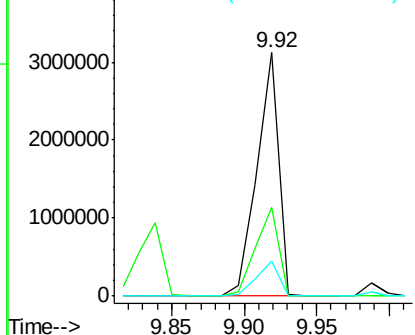


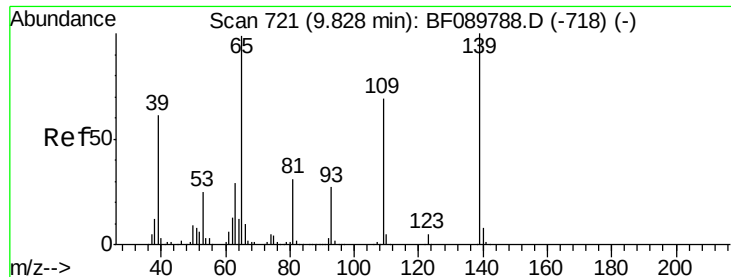
#54
 Dibenzofuran
 Concen: 50.50 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion:168 Resp: 3234828
 Ion Ratio Lower Upper
 168 100
 139 36.4 34.6 52.0
 169 14.3 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

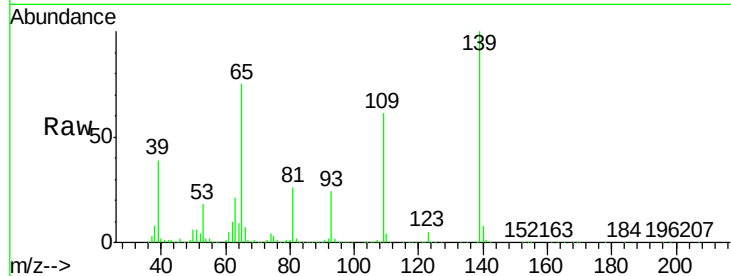




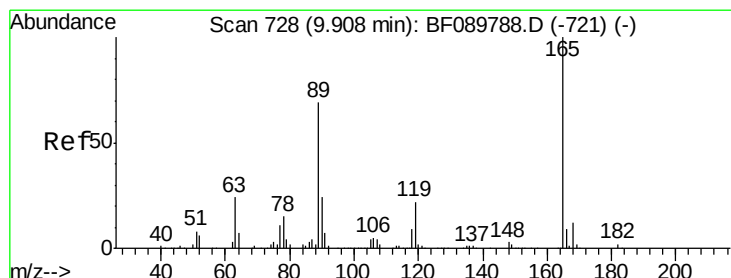
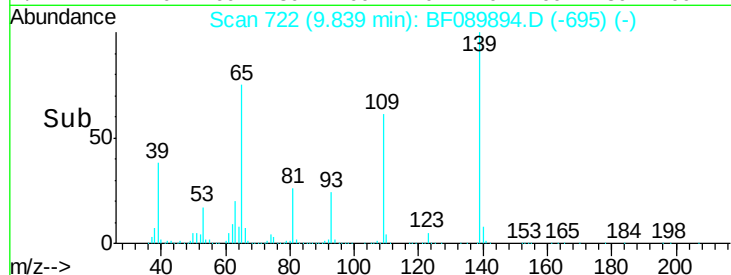
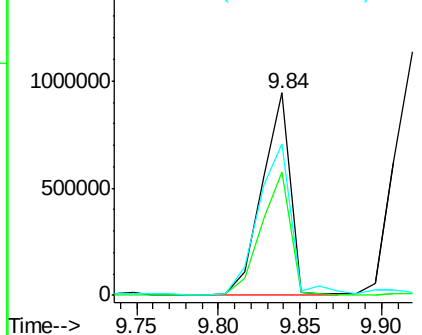
#55
4-Nitrophenol
Concen: 91.79 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

Tgt Ion:139 Resp: 1131133
Ion Ratio Lower Upper
139 100
109 60.9 43.0 83.0
65 74.9 55.7 95.7



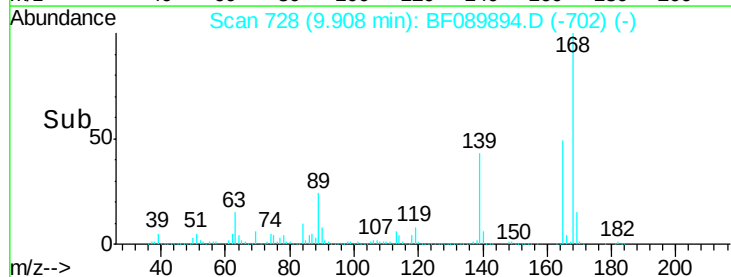
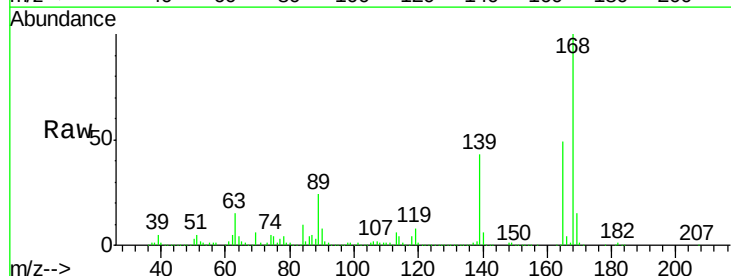
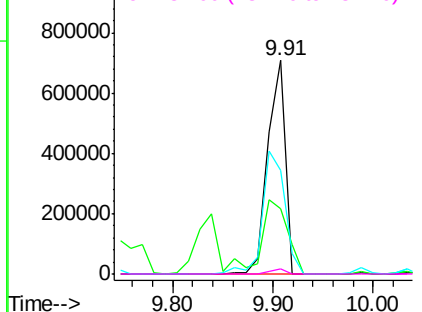
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

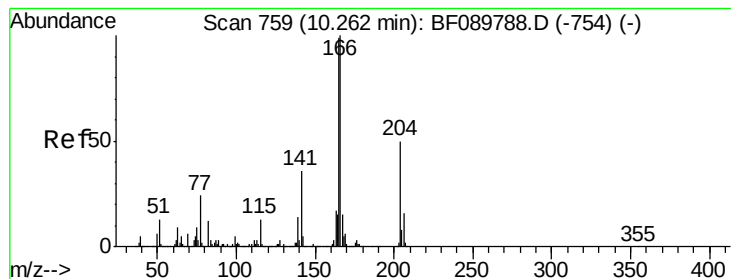


#56
2,4-Dinitrotoluene
Concen: 48.45 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:165 Resp: 856631
Ion Ratio Lower Upper
165 100
63 30.3 23.7 35.5
89 48.7 44.0 66.0
182 2.2 2.0 3.0

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.97 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

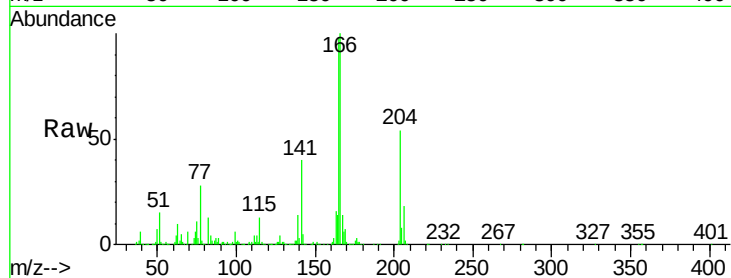
Tgt Ion:166 Resp: 2295698

Ion Ratio Lower Upper

166 100

165 97.9 80.2 120.4

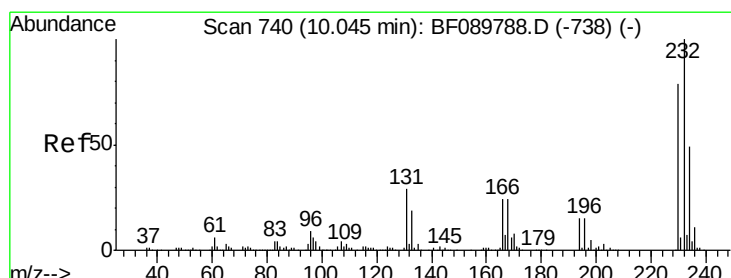
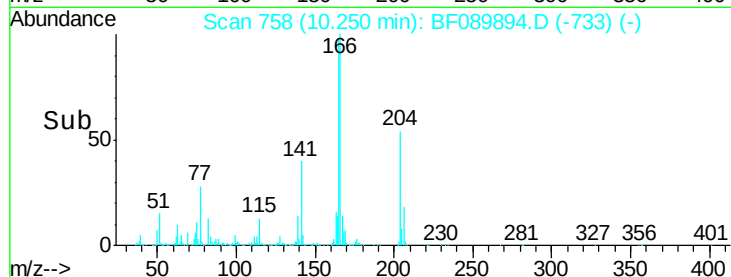
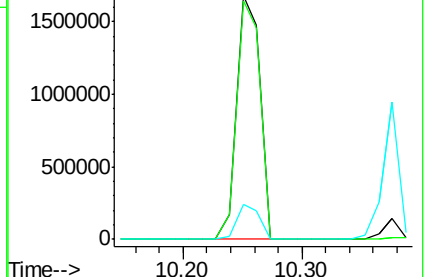
167 14.5 11.3 16.9



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: 49.99 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Tgt Ion:232 Resp: 617937

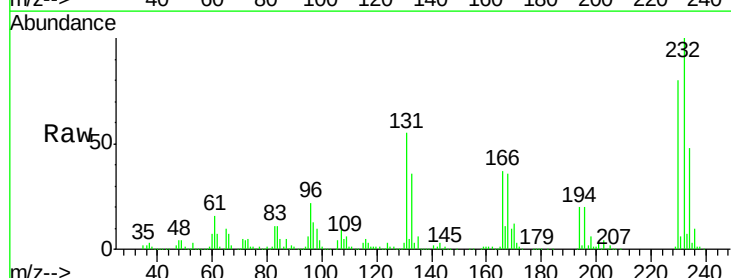
Ion Ratio Lower Upper

232 100

131 53.5 42.5 63.7

130 2.5 2.2 3.4

166 35.3 27.3 40.9

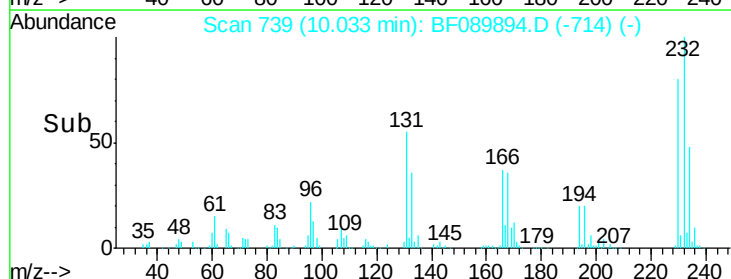
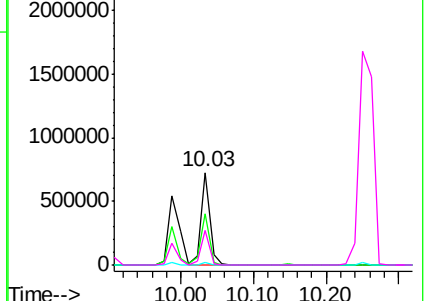


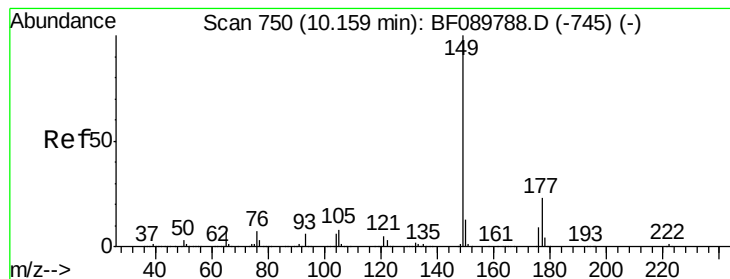
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.22 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

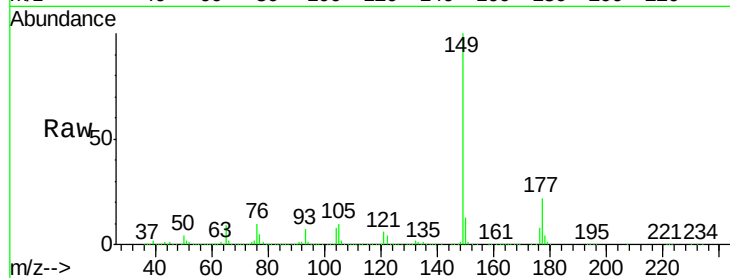
Tgt Ion:149 Resp: 2531333

Ion Ratio Lower Upper

149 100

177 21.9 16.6 25.0

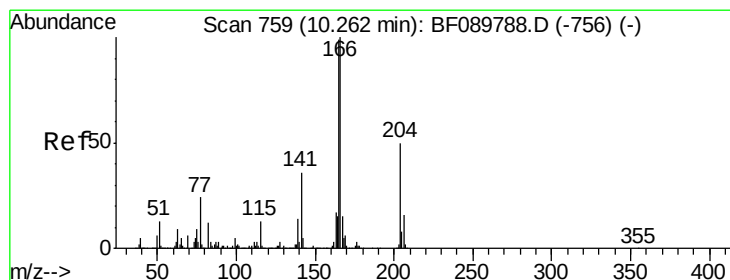
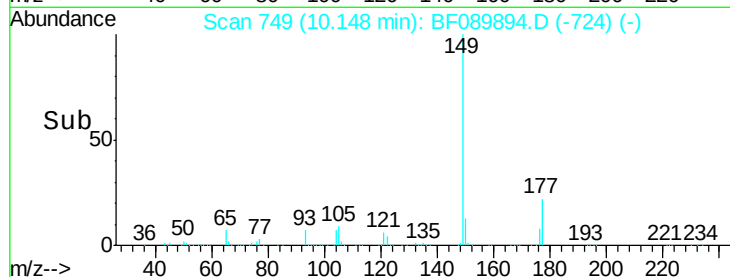
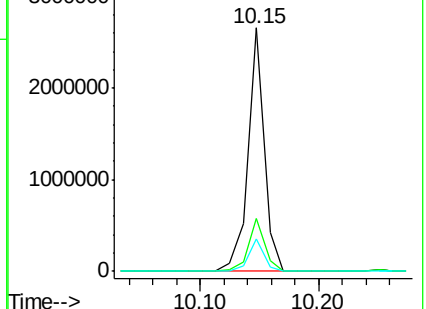
150 13.3 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.48 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

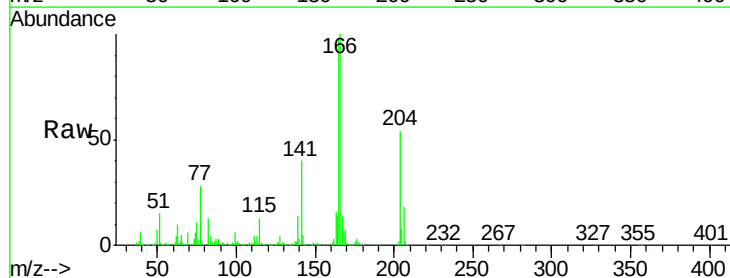
Tgt Ion:204 Resp: 942492

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

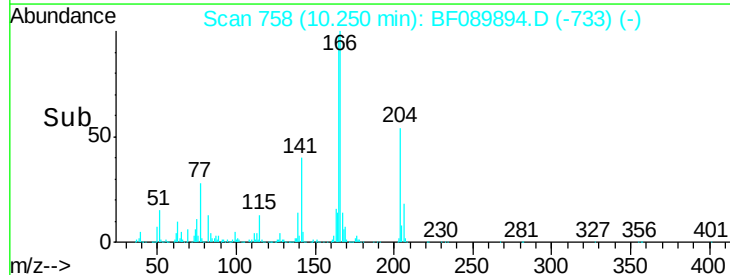
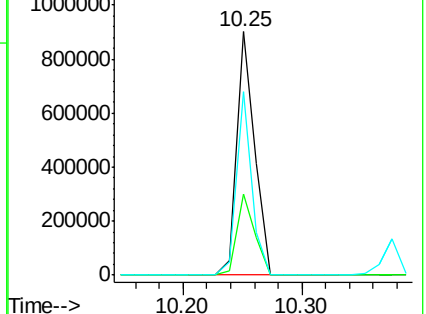
141 75.2 54.1 81.1

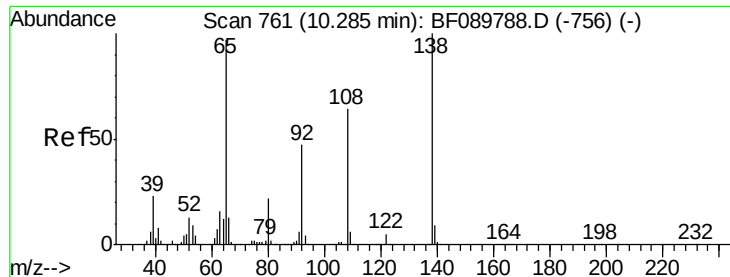


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

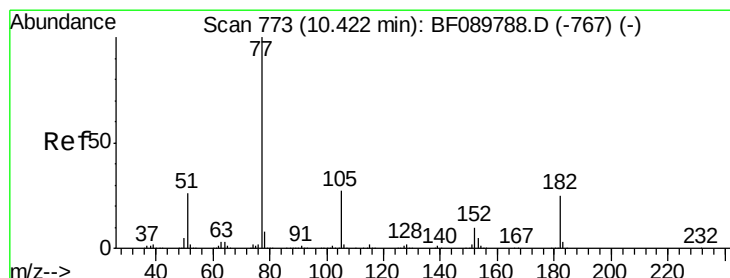
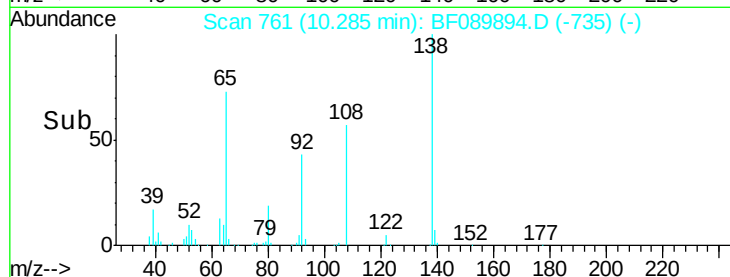
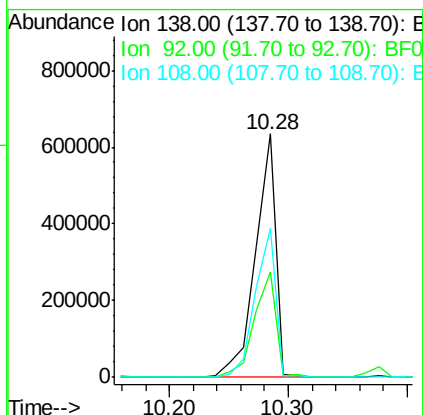
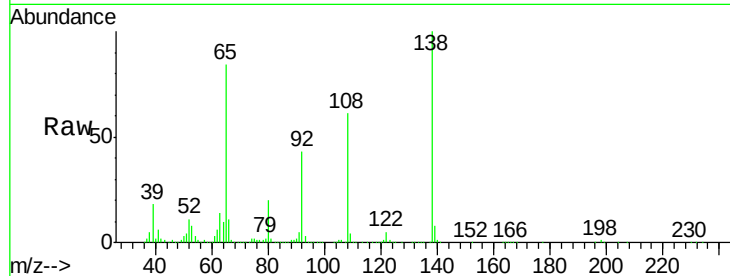




#61
4-Nitroaniline
Concen: 53.86 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

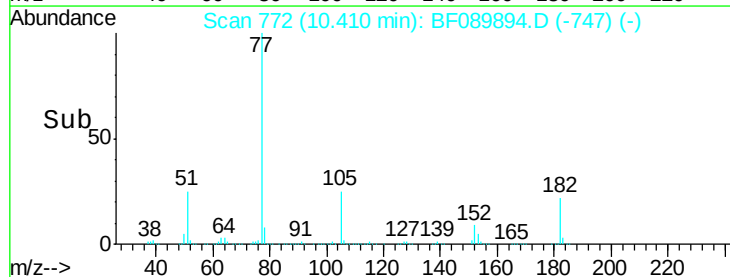
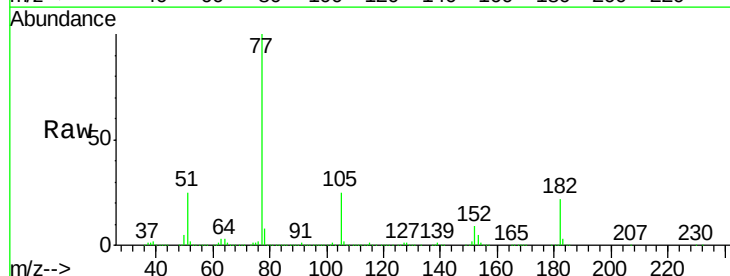
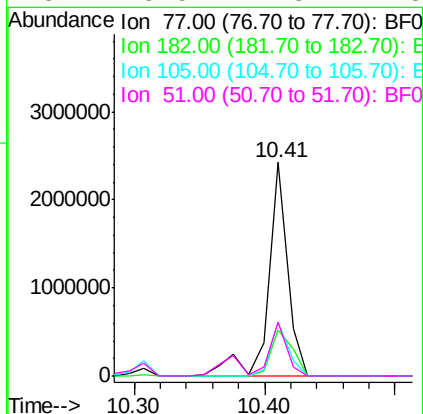
Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

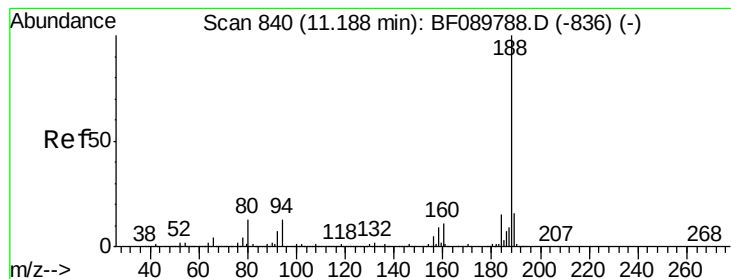
Tgt Ion:138 Resp: 762411
Ion Ratio Lower Upper
138 100
92 43.0 26.4 66.4
108 61.1 47.0 87.0



#62
Azobenzene
Concen: 45.37 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion: 77 Resp: 2557359
Ion Ratio Lower Upper
77 100
182 21.7 5.6 45.6
105 25.4 4.0 44.0
51 25.5 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

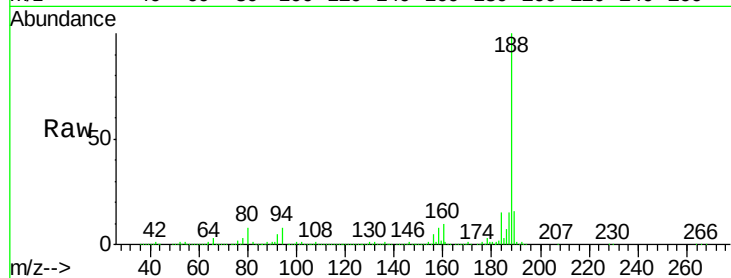
Tgt Ion:188 Resp: 1554246

Ion Ratio Lower Upper

188 100

94 8.4 10.2 15.2#

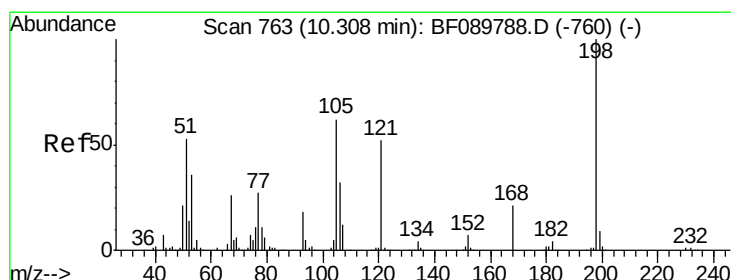
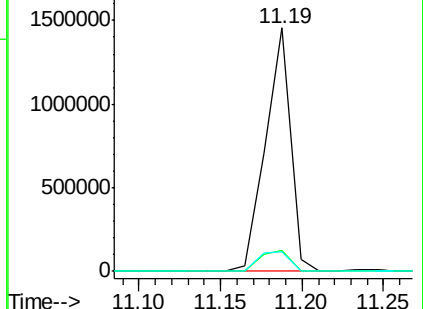
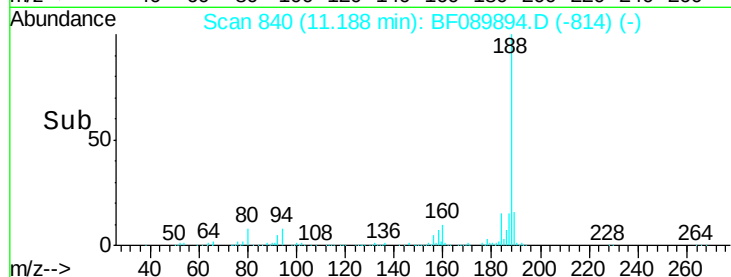
80 8.3 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.96 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

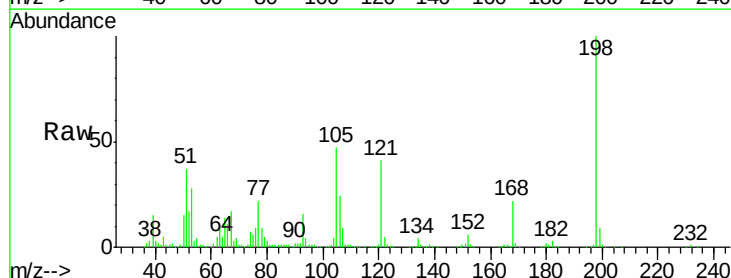
Tgt Ion:198 Resp: 321188

Ion Ratio Lower Upper

198 100

51 36.6 32.3 72.3

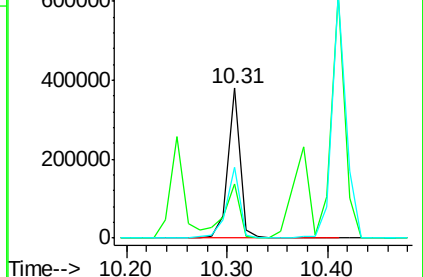
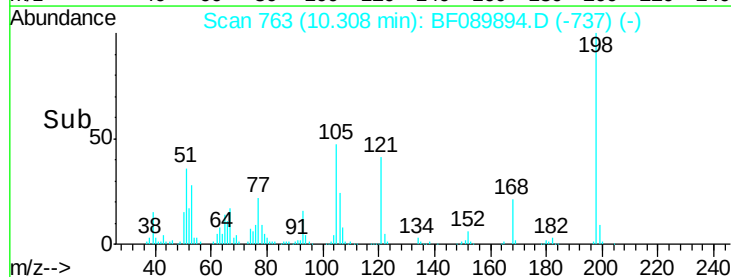
105 47.5 32.9 72.9

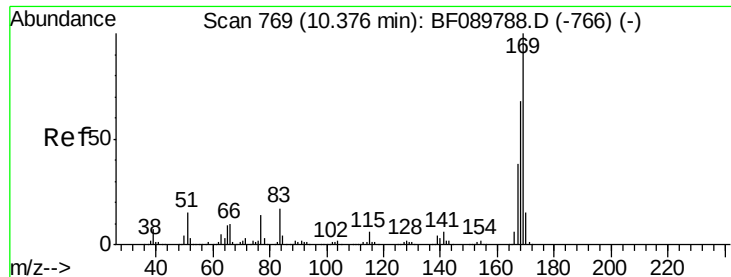


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.60 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

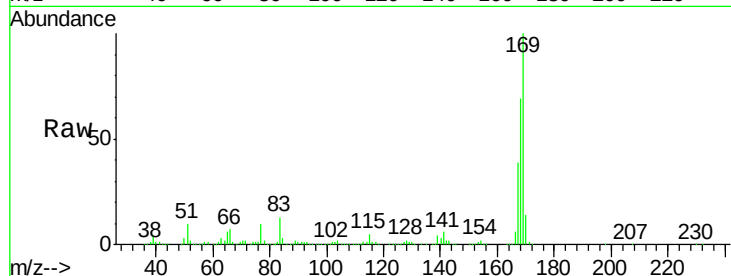
Tgt Ion:169 Resp: 2228240

Ion Ratio Lower Upper

169 100

168 69.4 54.6 82.0

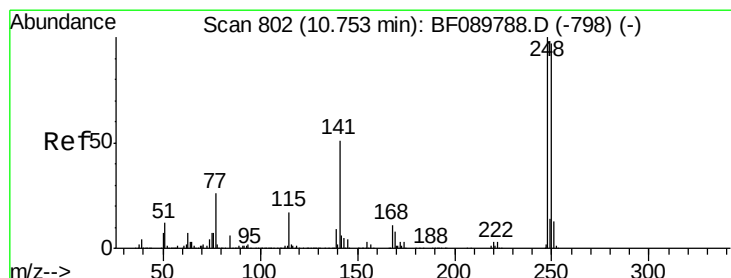
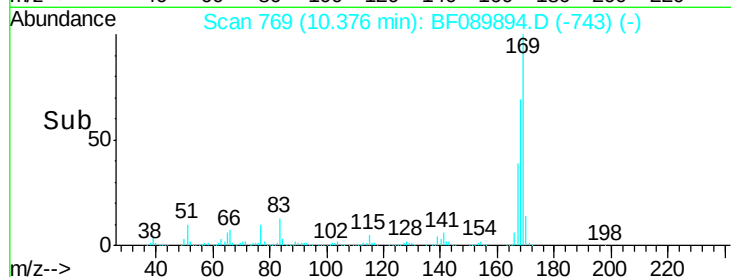
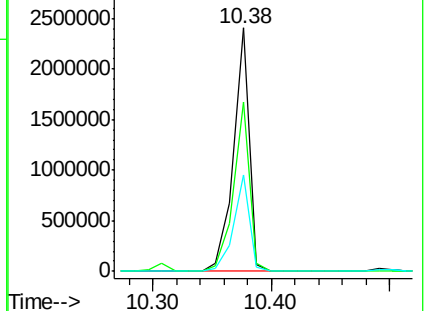
167 39.4 30.6 45.8



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: 42.21 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

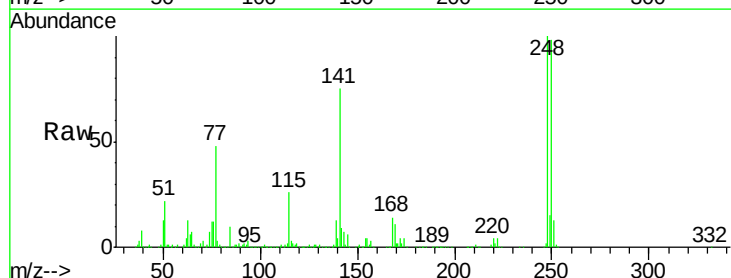
Tgt Ion:248 Resp: 687916

Ion Ratio Lower Upper

248 100

250 98.0 78.6 117.8

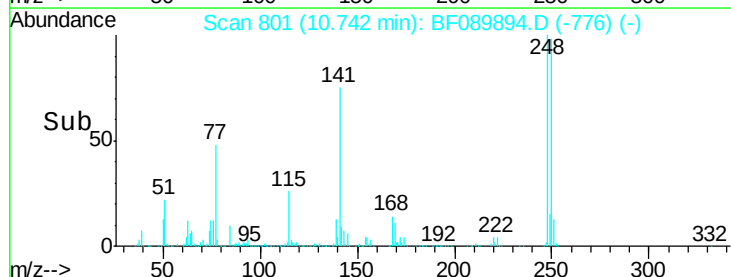
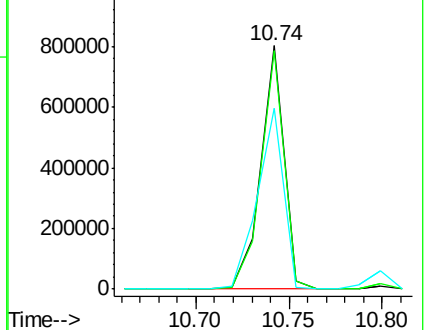
141 74.6 31.4 47.2#

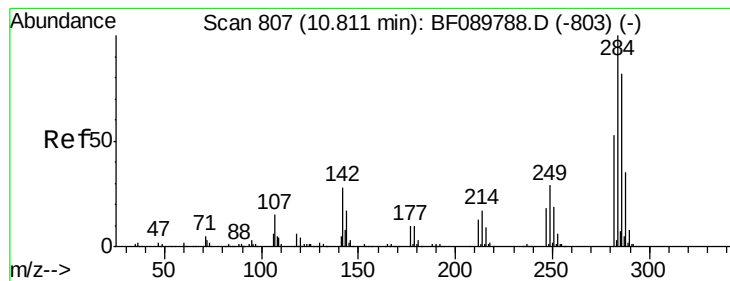


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.81 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

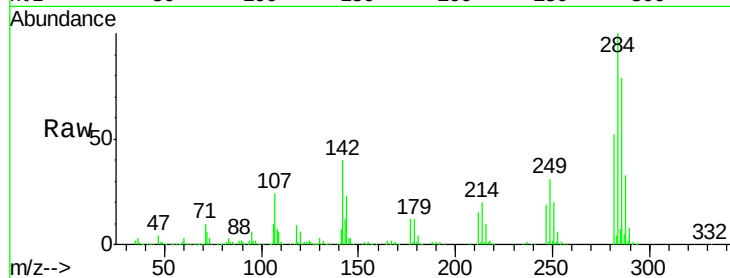
Tgt Ion:284 Resp: 702803

Ion Ratio Lower Upper

284 100

142 40.5 17.4 26.2#

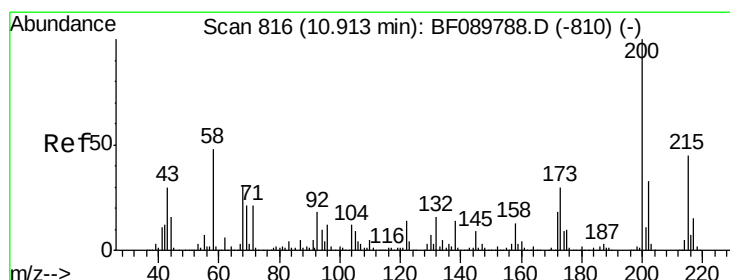
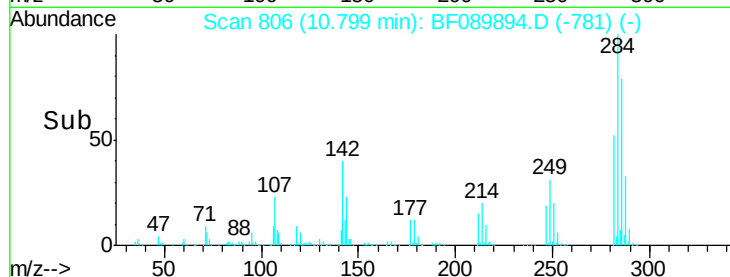
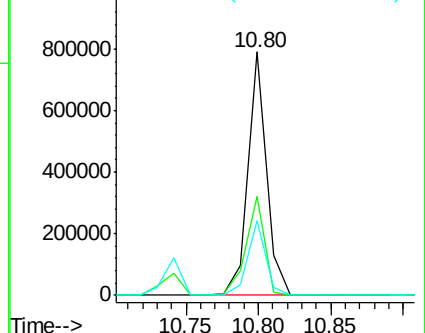
249 30.6 22.8 34.2



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: 46.34 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

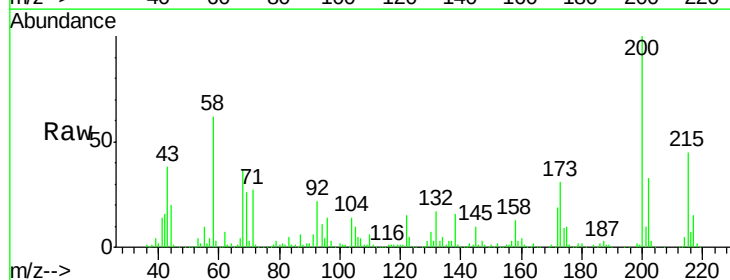
Tgt Ion:200 Resp: 693553

Ion Ratio Lower Upper

200 100

173 31.2 6.6 46.6

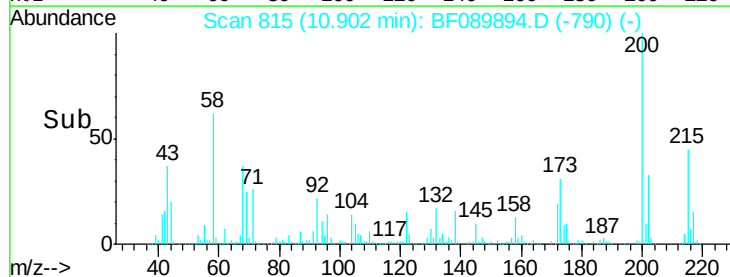
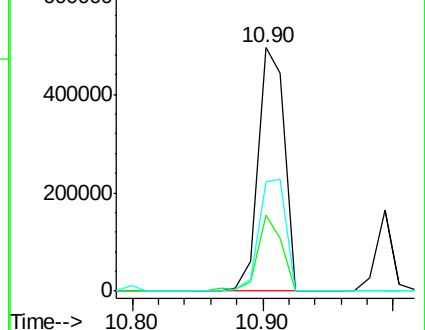
215 45.0 24.7 64.7

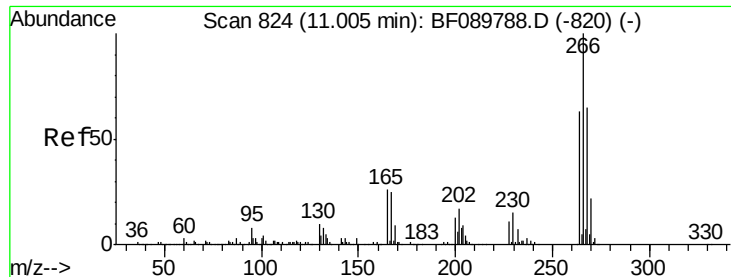


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

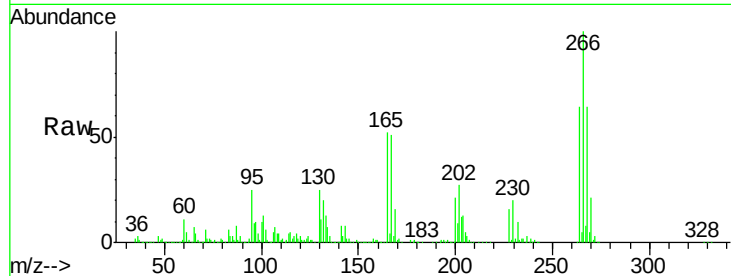




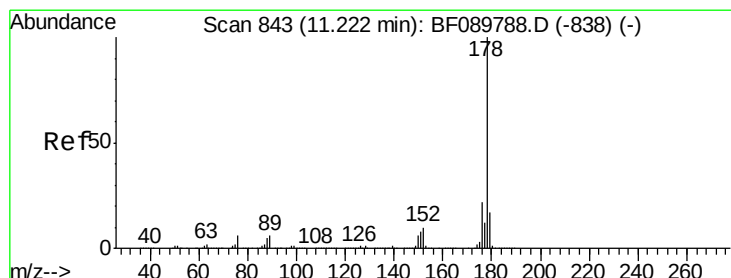
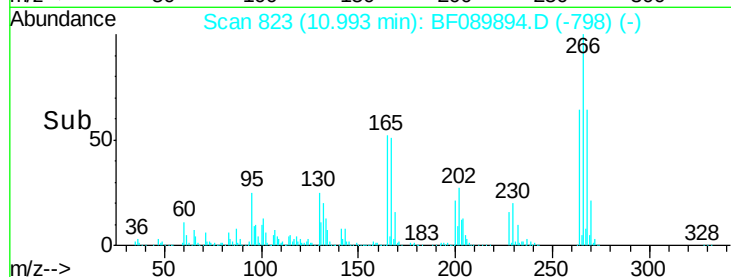
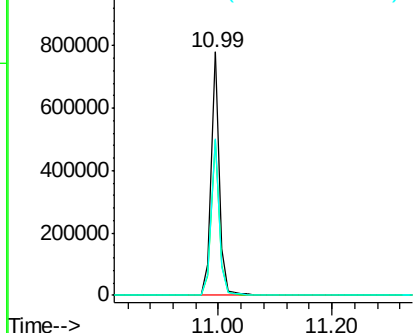
#69
 Pentachlorophenol
 Concen: 70.54 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

Tgt Ion: 266 Resp: 743294
 Ion Ratio Lower Upper
 266 100
 268 64.0 53.2 79.8
 264 64.4 51.1 76.7

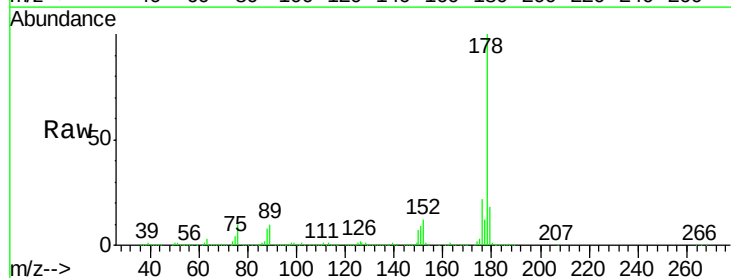


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

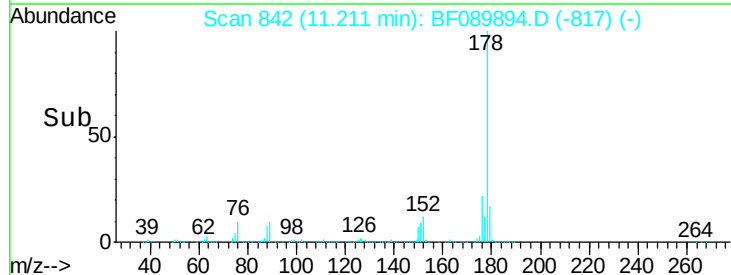
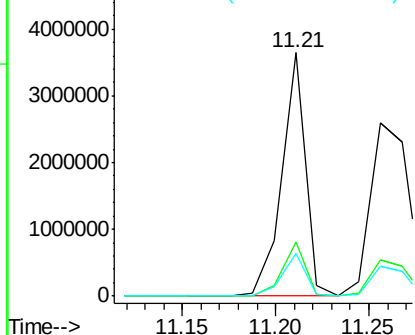


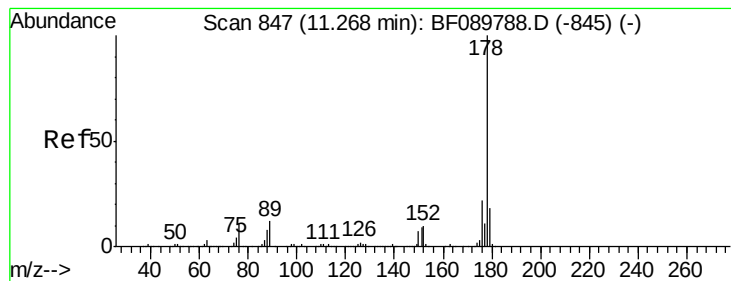
#70
 Phenanthrene
 Concen: 41.18 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion: 178 Resp: 3232810
 Ion Ratio Lower Upper
 178 100
 176 22.4 16.4 24.6
 179 17.5 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: 44.16 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

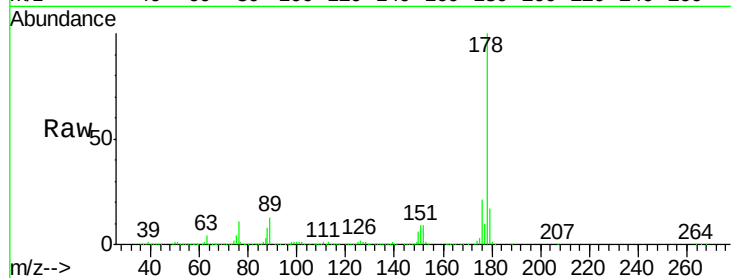
Tgt Ion:178 Resp: 3524170

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

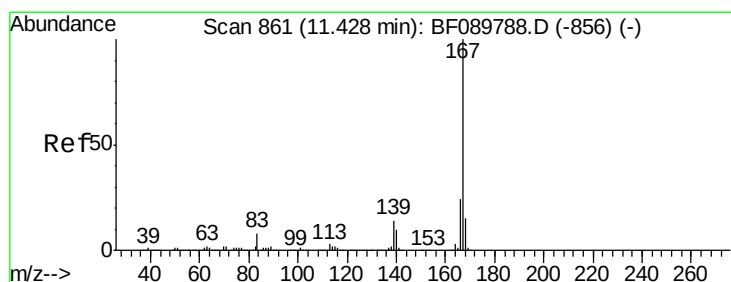
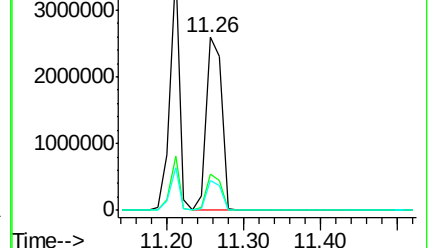
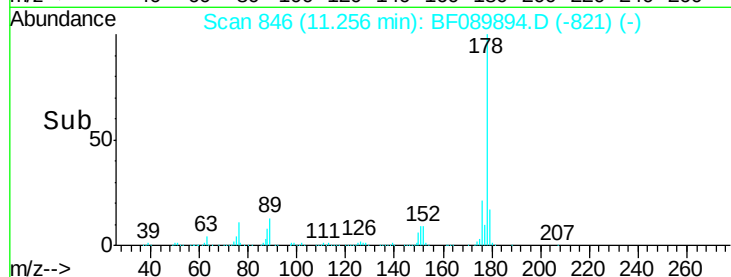
179 17.0 13.1 19.7



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: 42.73 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

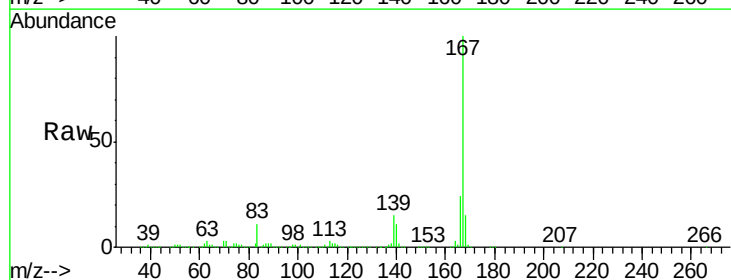
Tgt Ion:167 Resp: 3058414

Ion Ratio Lower Upper

167 100

166 23.8 17.9 26.9

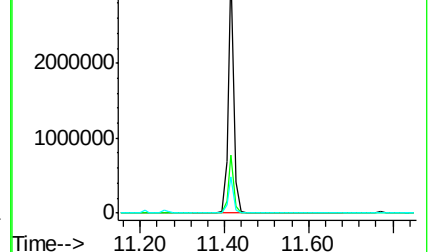
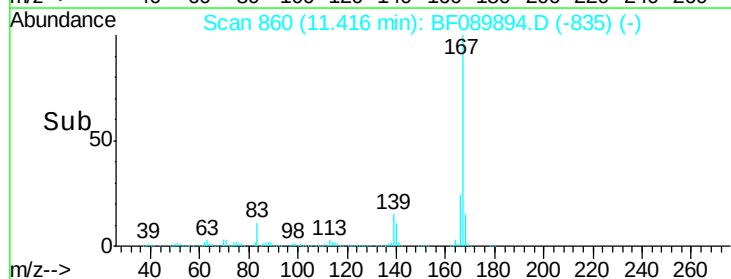
139 15.1 12.4 18.6

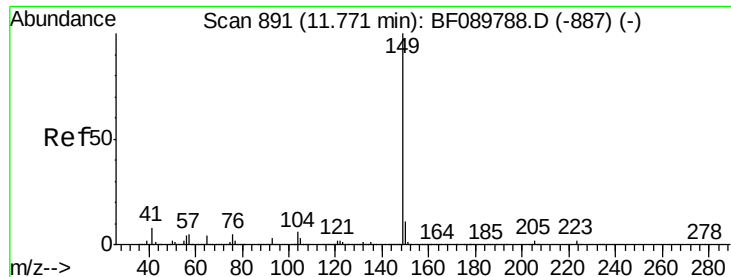


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.68 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

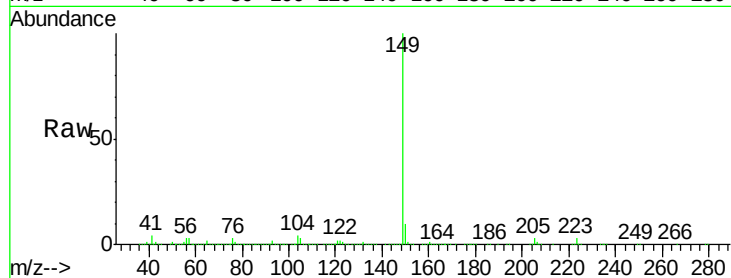
Tgt Ion:149 Resp: 4179875

Ion Ratio Lower Upper

149 100

150 10.5 7.9 11.9

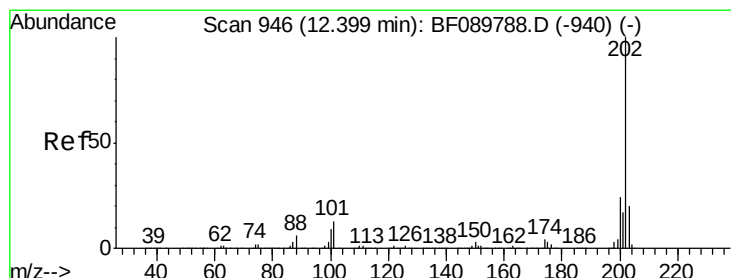
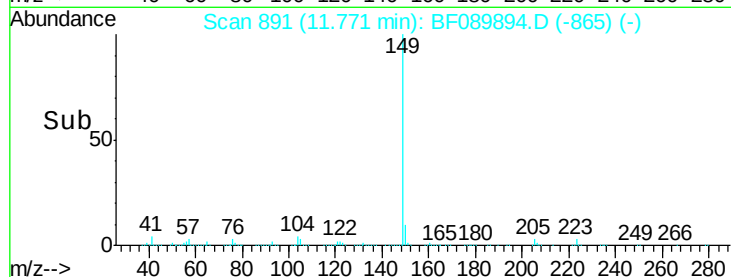
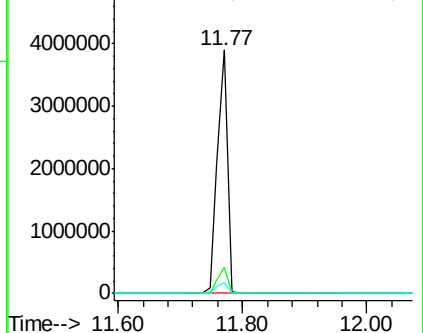
104 4.4 4.3 6.5



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: 42.45 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

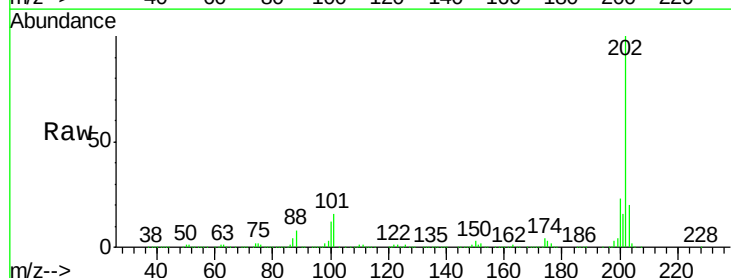
Tgt Ion:202 Resp: 3169903

Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.2

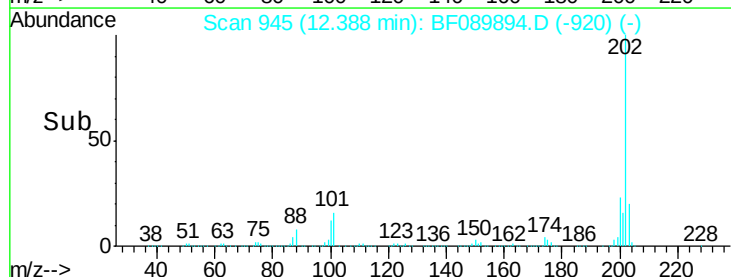
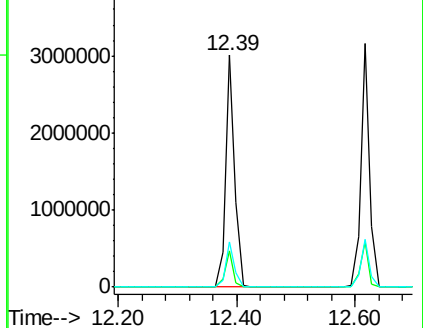
203 19.5 0.0 38.1

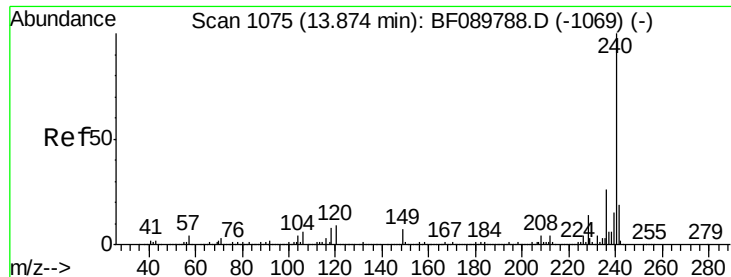


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

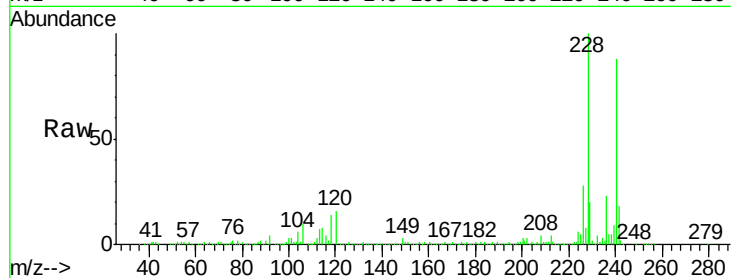
Tgt Ion:240 Resp: 1174744

Ion Ratio Lower Upper

240 100

120 17.7 8.3 12.5#

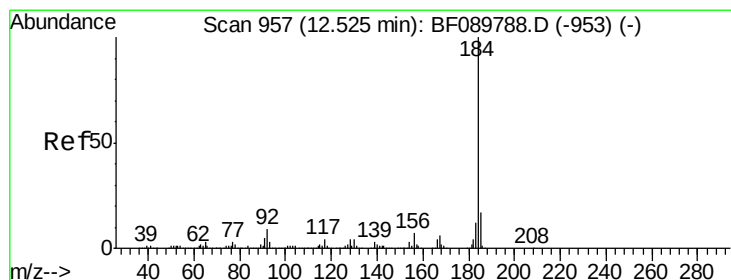
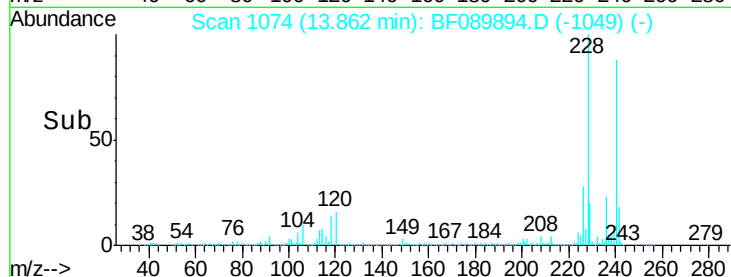
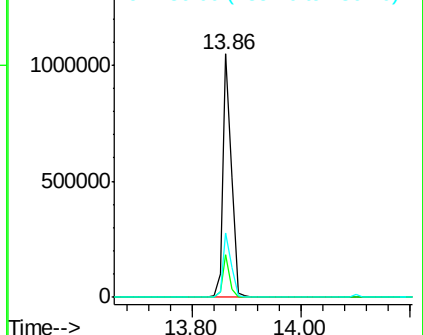
236 26.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.46 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

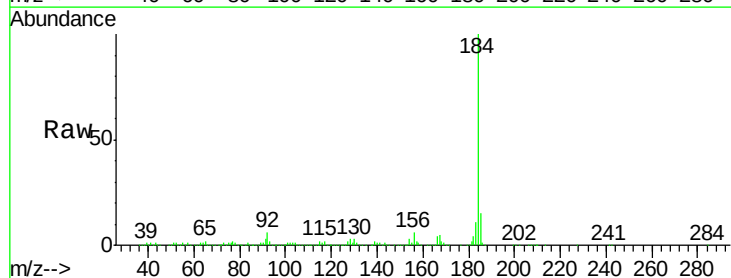
Tgt Ion:184 Resp: 1614322

Ion Ratio Lower Upper

184 100

185 15.2 13.8 20.8

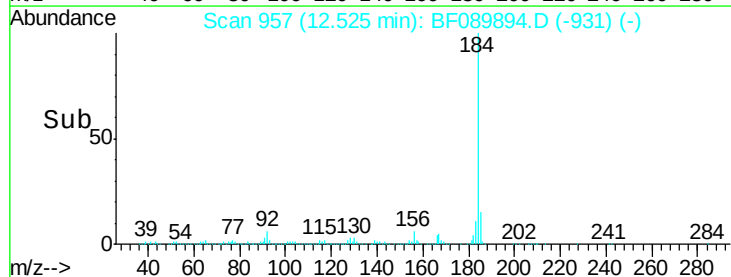
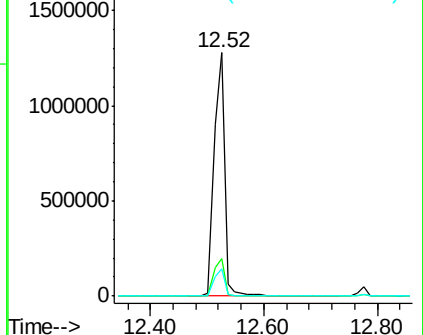
183 11.2 9.7 14.5

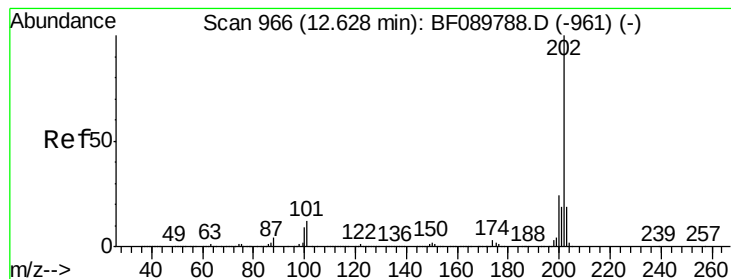


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.26 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

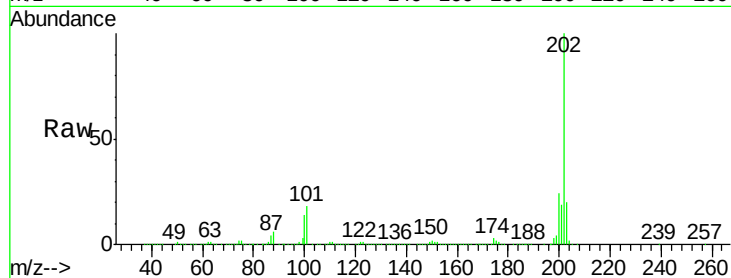
Tgt Ion:202 Resp: 3181436

Ion Ratio Lower Upper

202 100

200 23.6 17.8 26.6

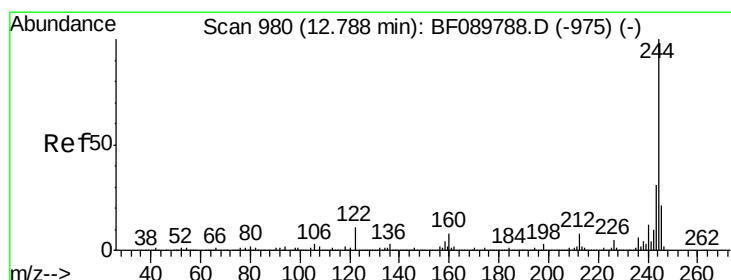
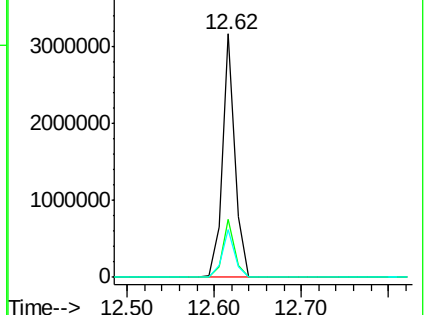
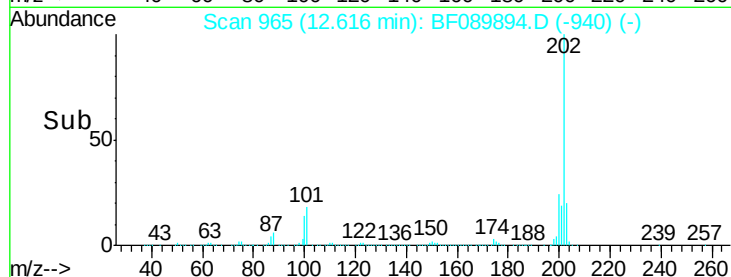
203 19.7 14.2 21.4



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: 60.83 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

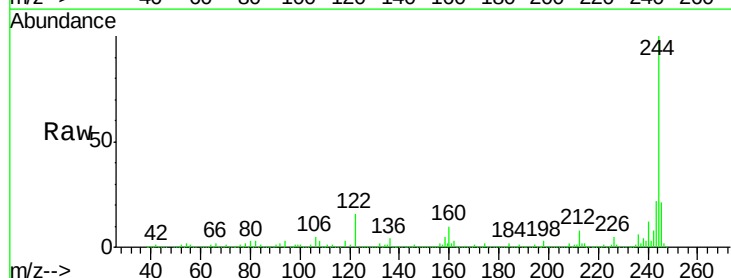
Tgt Ion:244 Resp: 3158520

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

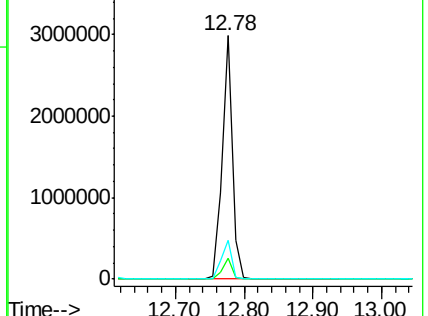
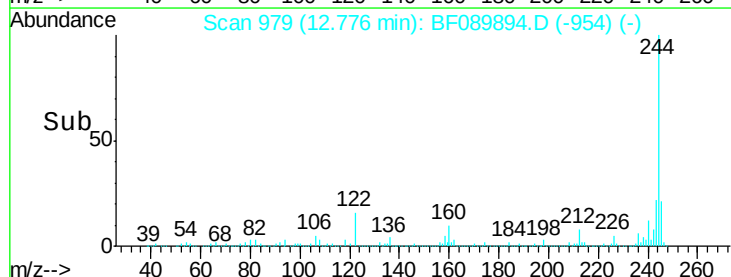
122 15.7 12.0 18.0

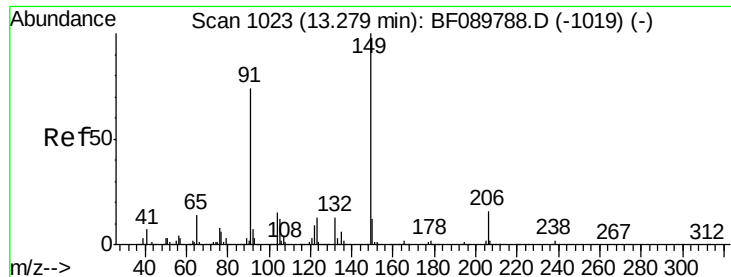


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

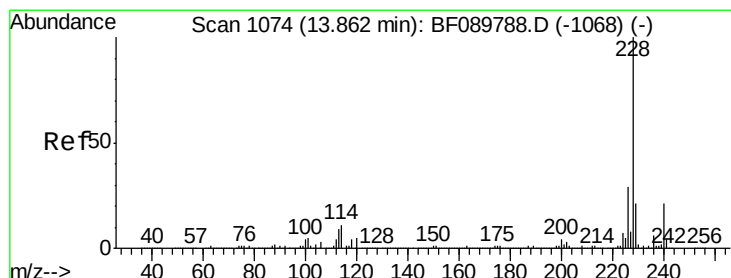
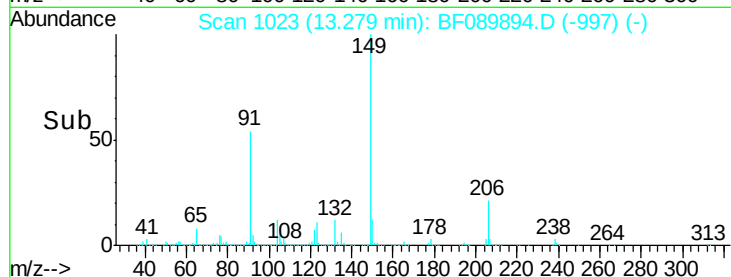
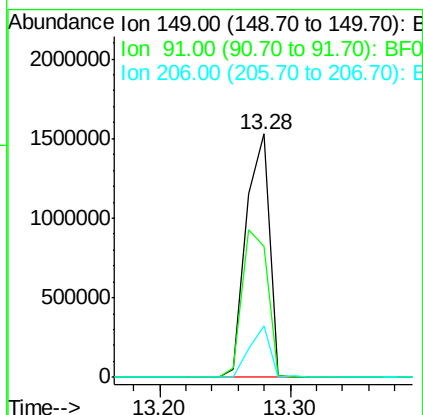
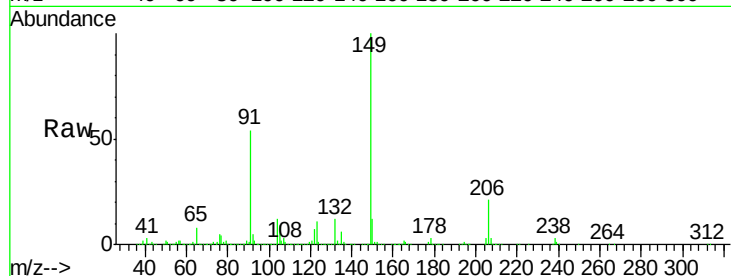




#79
Butylbenzylphthalate
Concen: 43.78 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

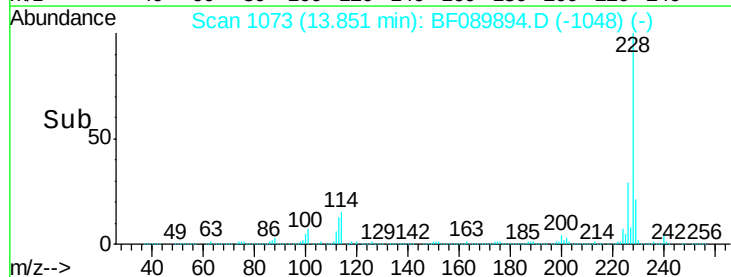
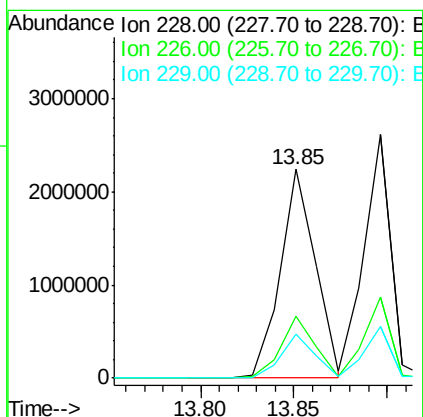
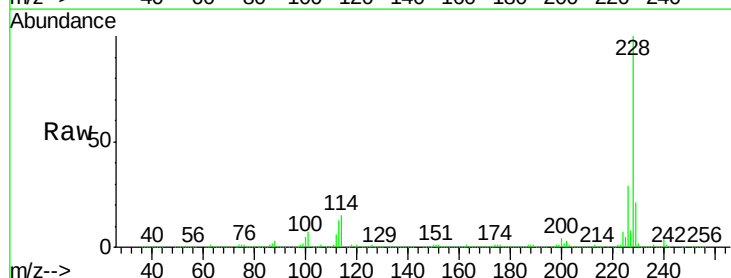
Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

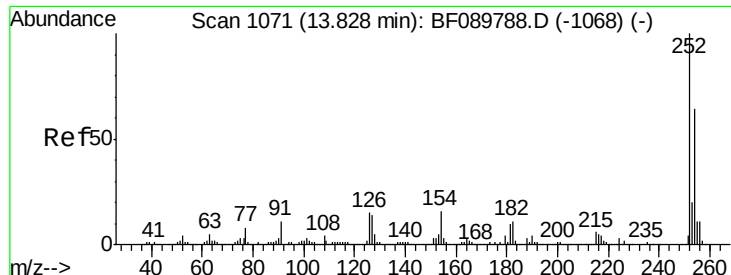
Tgt Ion:149 Resp: 1891542
Ion Ratio Lower Upper
149 100
91 54.0 50.7 76.1
206 21.3 15.5 23.3



#80
Benzo(a)anthracene
Concen: 43.57 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:228 Resp: 2931032
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 21.0 16.2 24.4

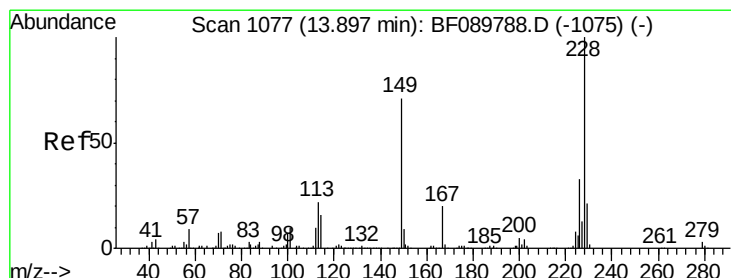
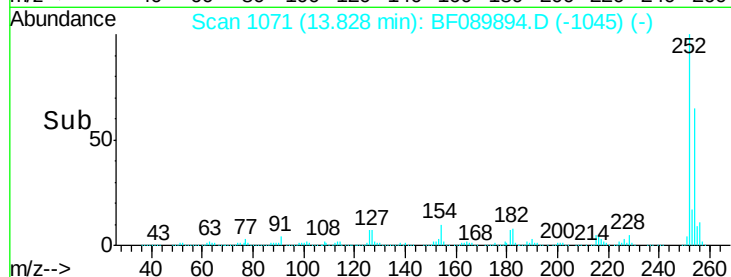
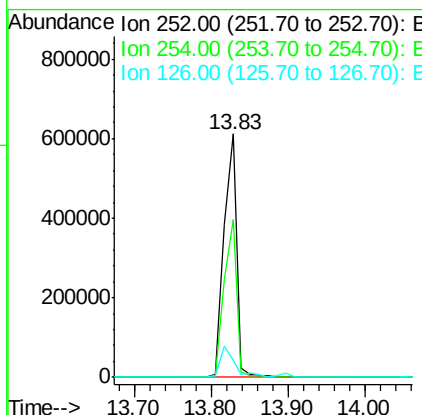
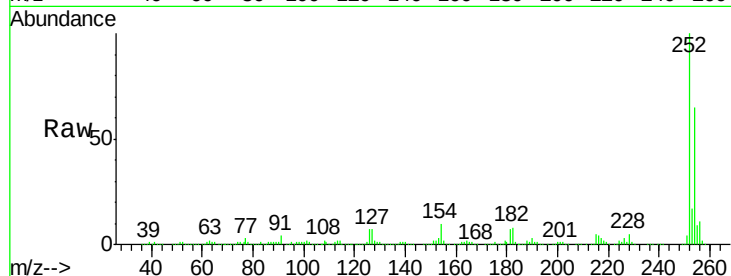




#81
 3,3'-Dichlorobenzidine
 Concen: 32.60 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

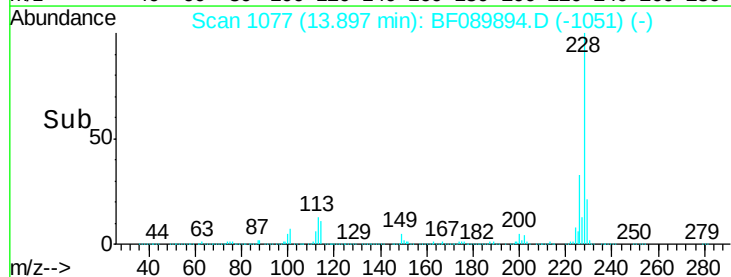
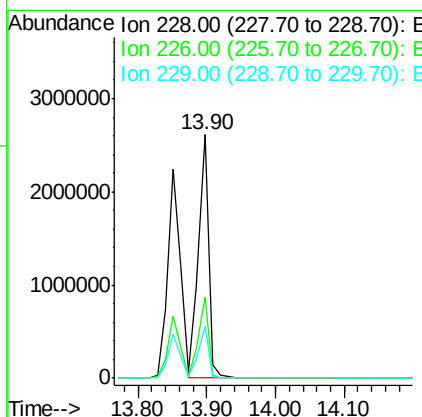
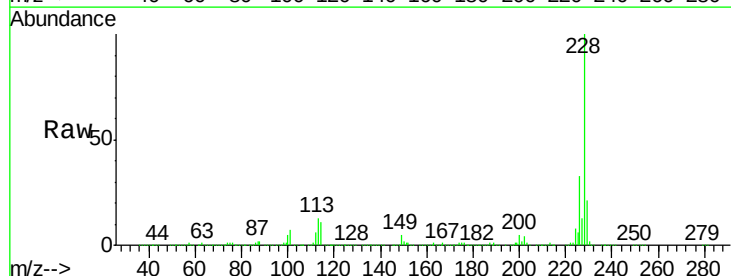
Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)MS

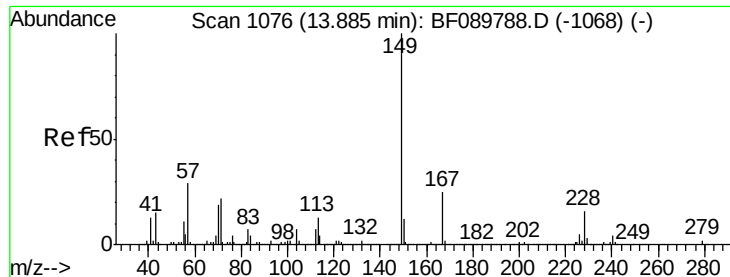
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	75.8
126	7.1	12.6	18.8#



#82
 Chrysene
 Concen: 45.08 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF089894.D
 Acq: 25 Aug 2016 1:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.4	38.0
229	21.3	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.23 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

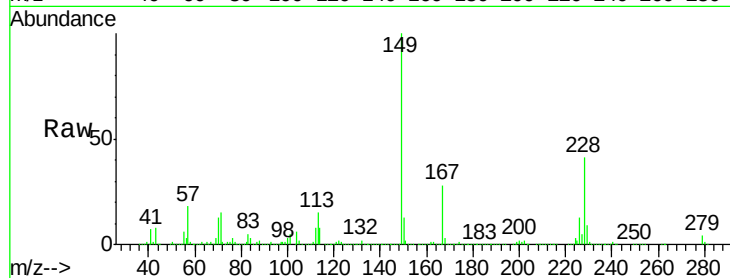
Tgt Ion:149 Resp: 2513498

Ion Ratio Lower Upper

149 100

167 27.7 21.2 31.8

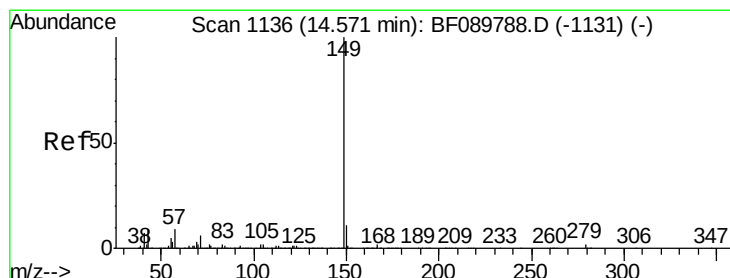
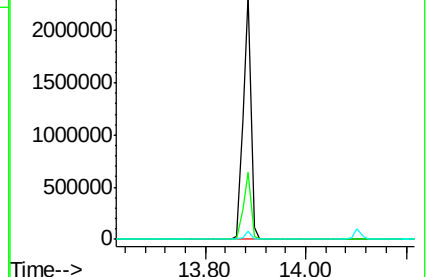
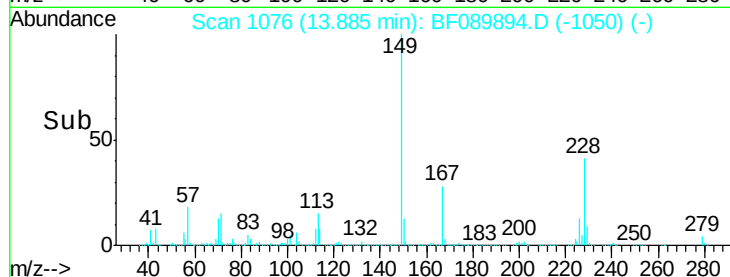
279 3.5 2.9 4.3



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: 53.62 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

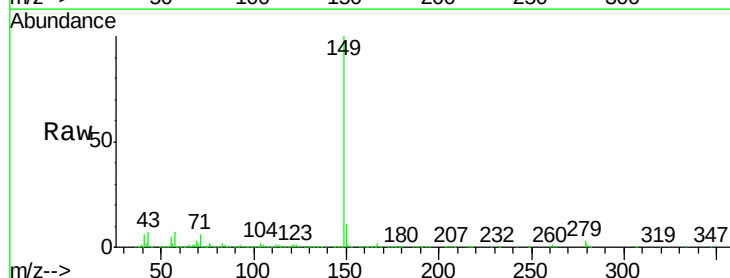
Tgt Ion:149 Resp: 4240235

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

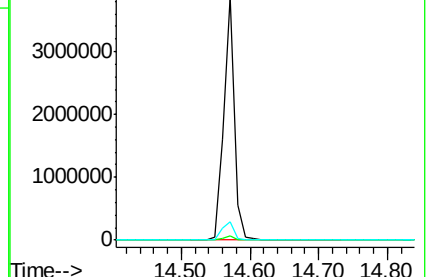
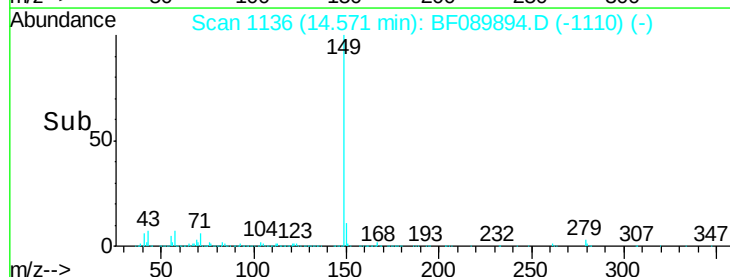
43 8.2 8.4 12.6#

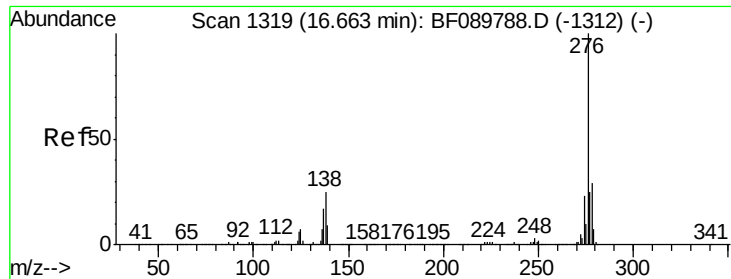


Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.98 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS

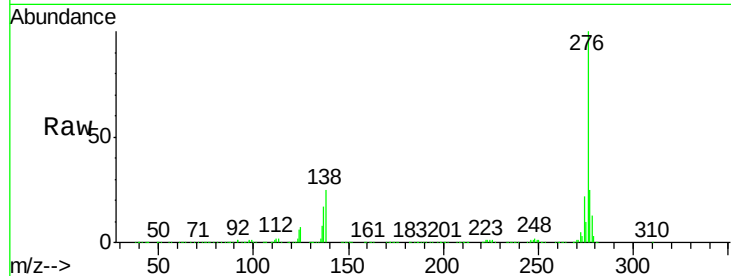
Tgt Ion:276 Resp: 2426649

Ion Ratio Lower Upper

276 100

138 29.6 24.6 36.8

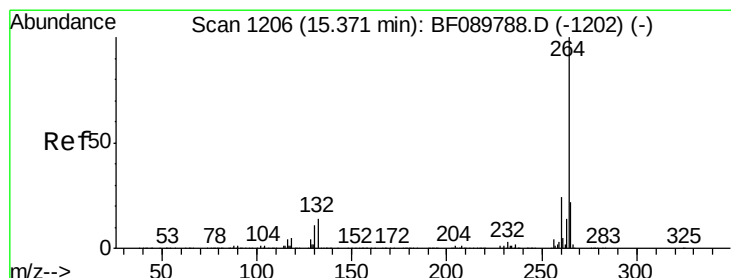
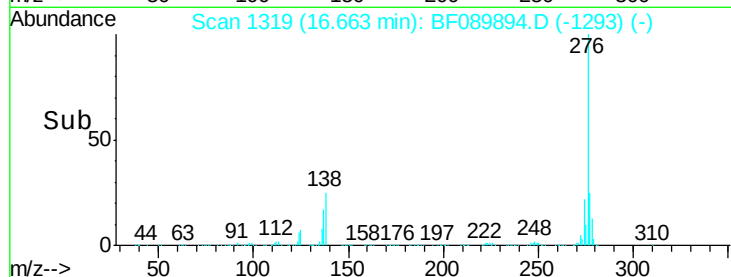
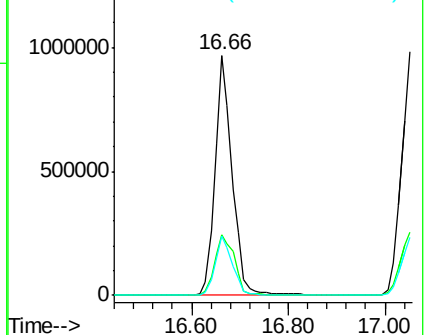
277 25.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF089894.D

Acq: 25 Aug 2016 1:33

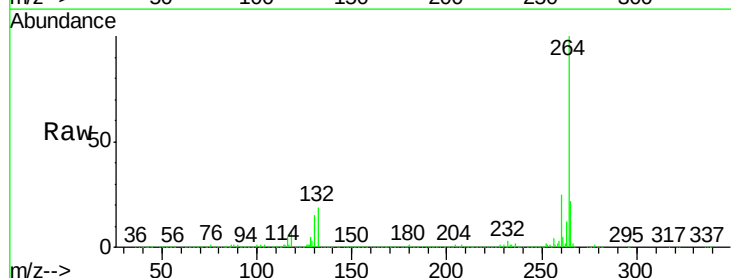
Tgt Ion:264 Resp: 999263

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.2

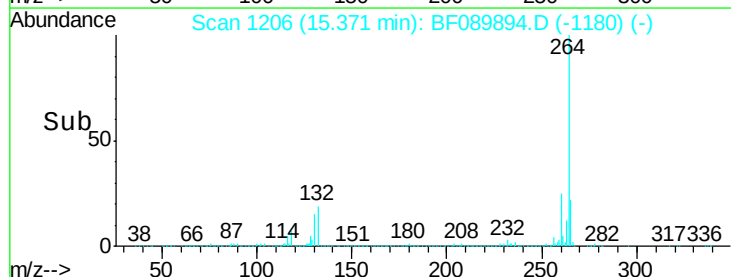
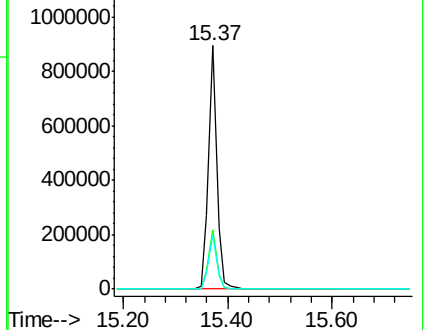
265 22.1 17.4 26.2

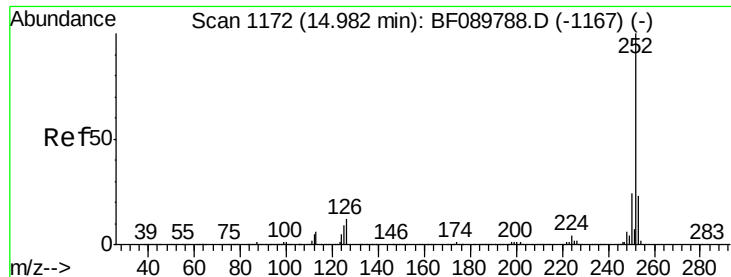


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

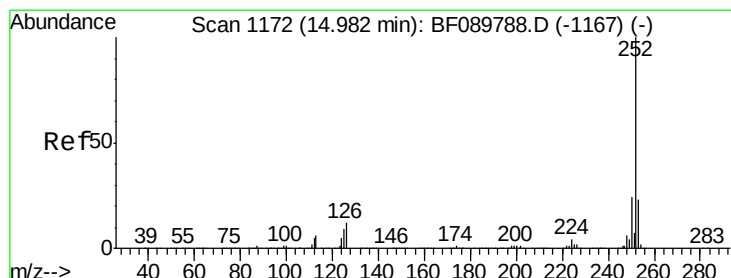
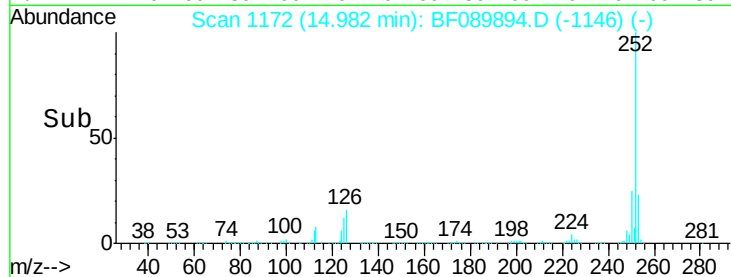
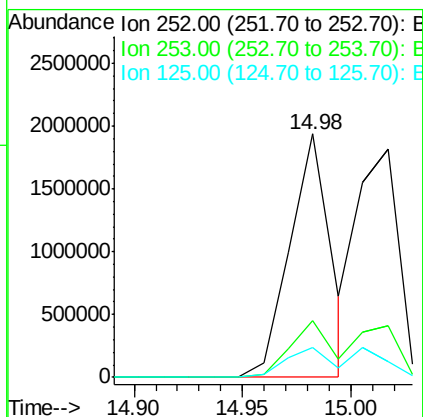
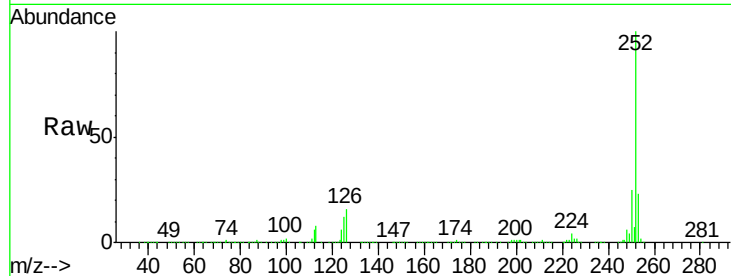




#87
Benzo(b)fluoranthene
Concen: 46.10 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

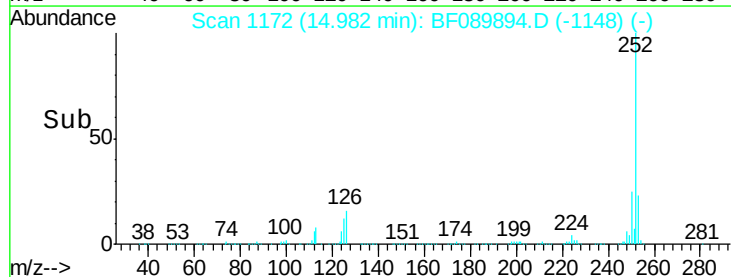
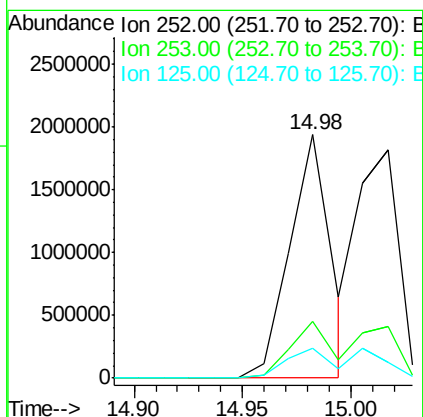
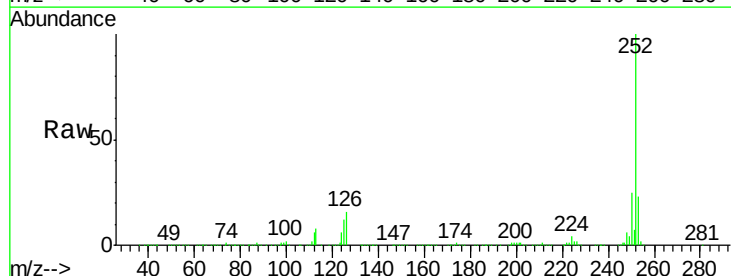
Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

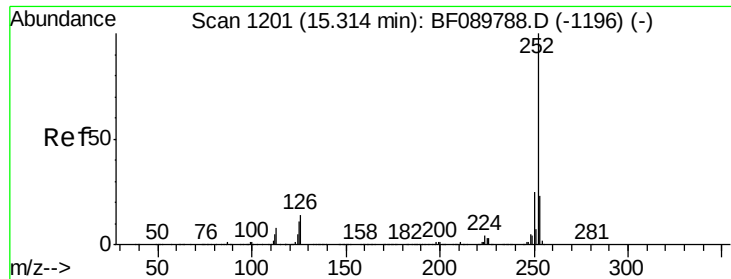
Tgt Ion:252 Resp: 2534177
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.3 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 50.81 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion:252 Resp: 2534177
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 12.3 9.8 14.6

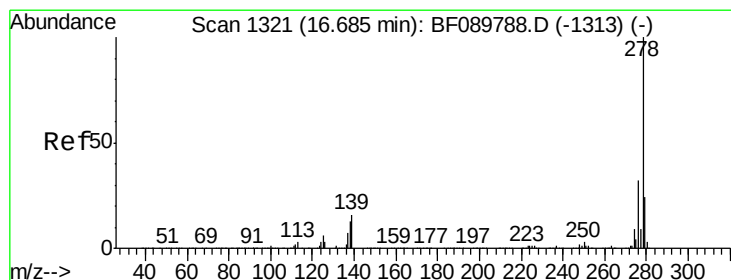
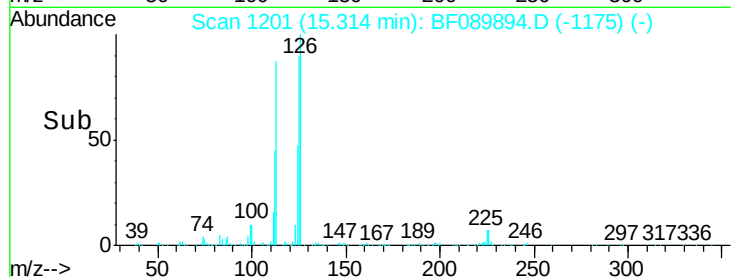
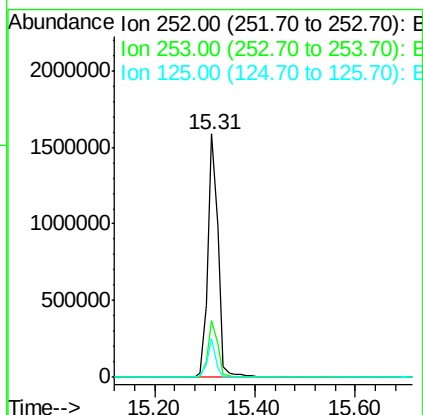
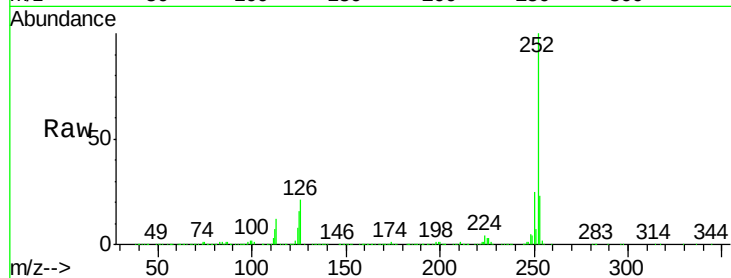




#89
Benzo(a)pyrene
Concen: 42.75 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

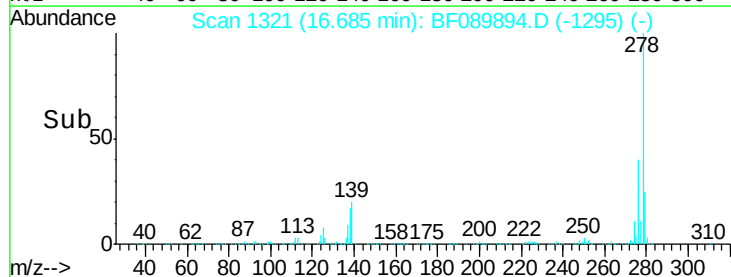
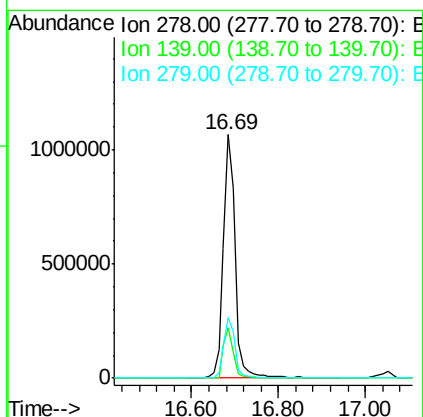
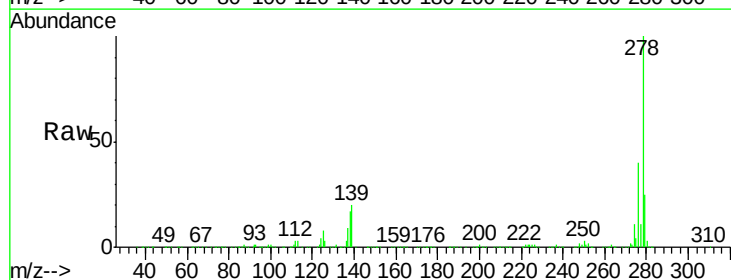
Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

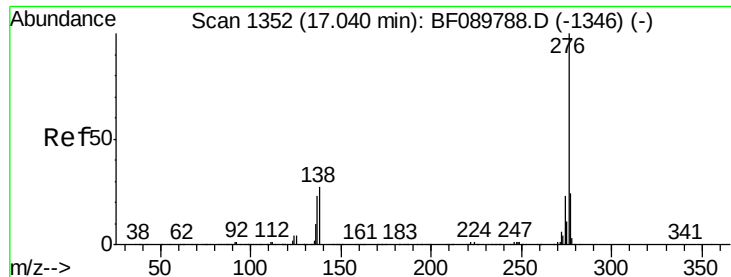
Tgt Ion: 252 Resp: 2224258
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 15.7 11.7 17.5



#90
Dibenzo(a,h)anthracene
Concen: 36.14 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF089894.D
Acq: 25 Aug 2016 1:33

Tgt Ion: 278 Resp: 2040841
Ion Ratio Lower Upper
278 100
139 20.4 14.9 22.3
279 24.7 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 34.34 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF089894.D

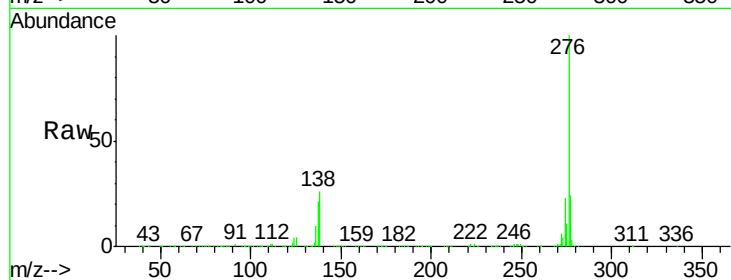
Acq: 25 Aug 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)MS



Tgt Ion: 276 Resp: 2042185

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 25.9 22.1 33.1

