

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086548.D
 Acq On : 1 May 2016 3:48
 Operator : UM/SJ
 Sample : H2720-11MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Quant Time: May 02 00:45:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	140881	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	610462	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	295728	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	567401	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	388862	20.00	ng	-0.05
86) Perylene-d12	15.31	264	337125	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1136117	139.10	ng	-0.02
7) Phenol-d6	6.41	99	1519672	133.31	ng	-0.03
23) Nitrobenzene-d5	7.33	82	953511	84.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.60	330	398733	127.85	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1469723	87.54	ng	-0.03
78) Terphenyl-d14	12.87	244	1370958	77.67	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	159879	37.26	ng	# 81
3) Pyridine	3.05	79	377572	37.18	ng	# 75
4) n-Nitrosodimethylamine	2.99	42	287750	49.72	ng	# 57
6) Aniline	6.43	93	304725	22.09	ng	# 38
8) 2-Chlorophenol	6.56	128	443712	43.62	ng	98
9) Benzaldehyde	6.30	77	58719	8.85	ng	94
10) Phenol	6.43	94	506350	39.81	ng	# 69
11) bis(2-Chloroethyl)ether	6.51	93	483232	43.95	ng	92
12) 1,3-Dichlorobenzene	6.78	146	452027	41.31	ng	96
13) 1,4-Dichlorobenzene	6.78	146	459301	40.68	ng	96
14) 1,2-Dichlorobenzene	6.93	146	411352	39.73	ng	95
15) Benzyl Alcohol	6.92	79	372506	51.65	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	924846	42.02	ng	90
17) 2-Methylphenol	7.04	107	388116	47.20	ng	# 93
18) Hexachloroethane	7.28	117	162577	38.54	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	358039	47.52	ng	# 83
20) 3+4-Methylphenols	7.18	107	432923	46.11	ng	# 87
22) Acetophenone	7.18	105	614434	45.90	ng	# 89
24) Nitrobenzene	7.36	77	522664	44.86	ng	96
25) Isophorone	7.60	82	943155	43.27	ng	98
26) 2-Nitrophenol	7.68	139	249106	46.44	ng	96
27) 2,4-Dimethylphenol	7.72	122	424976	45.15	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	584874	49.25	ng	99
29) 2,4-Dichlorophenol	7.92	162	384999	48.48	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	369913	40.15	ng	97
31) Naphthalene	8.08	128	1291674	41.58	ng	99
32) Benzoic acid	7.81	122	52802	16.35	ng	92
33) 4-Chloroaniline	8.13	127	137200	11.79	ng	99
34) Hexachlorobutadiene	8.19	225	195414	37.84	ng	98
35) Caprolactam	8.50	113	84310	31.83	ng	# 58
36) 4-Chloro-3-methylphenol	8.62	107	451613	49.67	ng	100
37) 2-Methylnaphthalene	8.76	142	793501	43.29	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	319986	37.80	ng	# 96
40) Hexachlorocyclopentadiene	8.92	237	307299	73.05	ng	97

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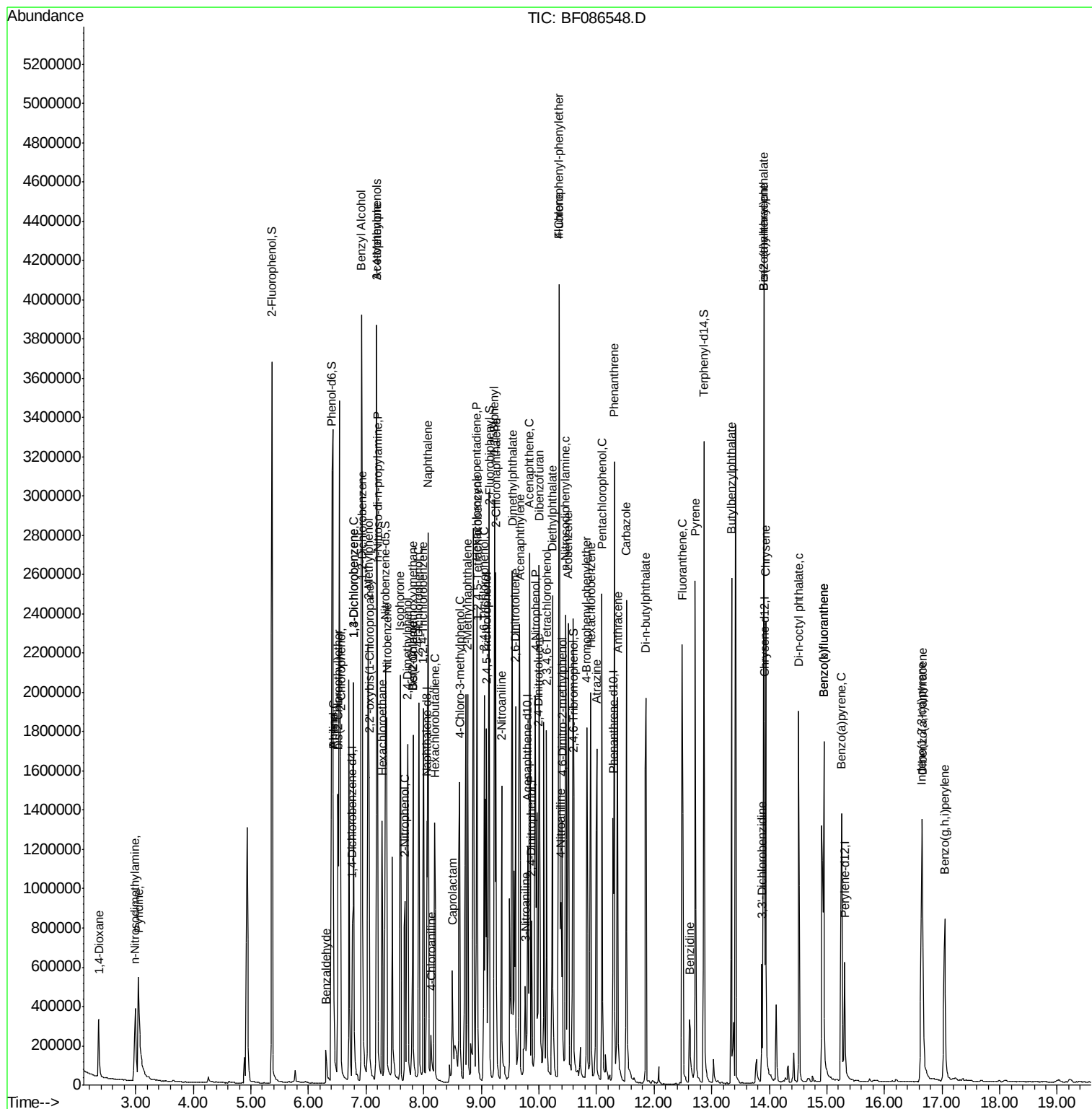
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42) 2,4,6-Trichlorophenol	9.05	196	241950	45.22	ng	93
43) 2,4,5-Trichlorophenol	9.09	196	257002	44.07	ng #	90
45) 1,1'-Biphenyl	9.23	154	955445	38.65	ng	97
46) 2-Chloronaphthalene	9.25	162	734906	39.10	ng	94
47) 2-Nitroaniline	9.36	65	327835	54.39	ng	89
48) Acenaphthylene	9.66	152	1159900	39.48	ng	98
49) Dimethylphthalate	9.54	163	1063974	47.79	ng	100
50) 2,6-Dinitrotoluene	9.60	165	199771	43.43	ng #	82
51) Acenaphthene	9.84	154	762379	40.40	ng	99
52) 3-Nitroaniline	9.77	138	127071	24.29	ng	95
53) 2,4-Dinitrophenol	9.87	184	109303	47.04	ng #	85
54) Dibenzofuran	10.01	168	1014959	43.04	ng	94
55) 4-Nitrophenol	9.94	139	327666	95.67	ng #	70
56) 2,4-Dinitrotoluene	10.00	165	270801	46.19	ng #	83
57) Fluorene	10.35	166	740880	36.18	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	232091	50.90	ng	97
59) Diethylphthalate	10.24	149	878706	41.69	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	384476	41.36	ng #	85
61) 4-Nitroaniline	10.38	138	241080	47.15	ng	86
62) Azobenzene	10.51	77	1084800	46.99	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	143026	42.94	ng #	71
65) n-Nitrosodiphenylamine	10.46	169	720069	40.61	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	234831	40.16	ng #	87
67) Hexachlorobenzene	10.90	284	262905	38.85	ng #	82
68) Atrazine	11.00	200	267590	50.25	ng	96
69) Pentachlorophenol	11.09	266	269392	75.50	ng	98
70) Phenanthrene	11.31	178	1184722	39.79	ng	99
71) Anthracene	11.37	178	1312669	41.31	ng	99
72) Carbazole	11.52	167	1182034	41.97	ng	99
73) Di-n-butylphthalate	11.86	149	1372413	43.01	ng	99
74) Fluoranthene	12.49	202	1228665	40.88	ng	99
76) Benzidine	12.61	184	260823	19.52	ng	97
77) Pyrene	12.72	202	1155561	41.24	ng	99
79) Butylbenzylphthalate	13.35	149	539084	44.42	ng #	81
80) Benzo(a)anthracene	13.91	228	905971	43.70	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	155480	11.22	ng #	97
82) Chrysene	13.94	228	834929	37.05	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	581473	38.60	ng	97
84) Di-n-octyl phthalate	14.51	149	970897	41.16	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	874558	52.38	ng	97
87) Benzo(b)fluoranthene	14.95	252	1629282	82.15	ng #	96
88) Benzo(k)fluoranthene	14.95	252	1629282	78.76	ng	99
89) Benzo(a)pyrene	15.25	252	776998	41.50	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	737433	48.13	ng	98
91) Benzo(g,h,i)perylene	17.05	276	735062	47.87	ng	95

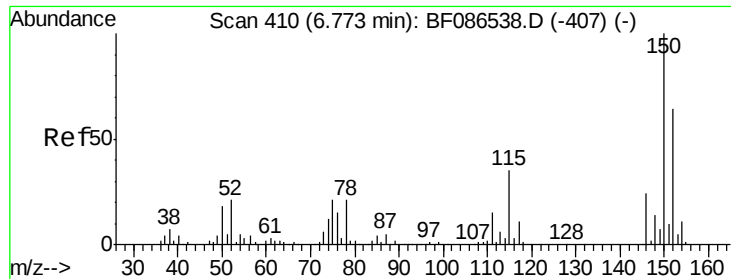
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

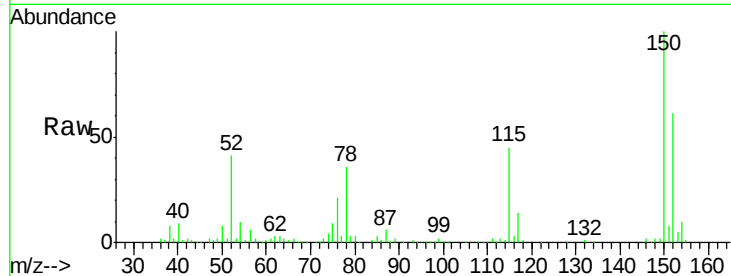
Tgt Ion:152 Resp: 140881

Ion Ratio Lower Upper

152 100

150 163.1 125.8 188.6

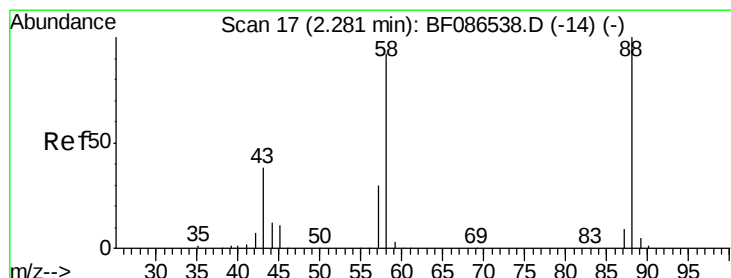
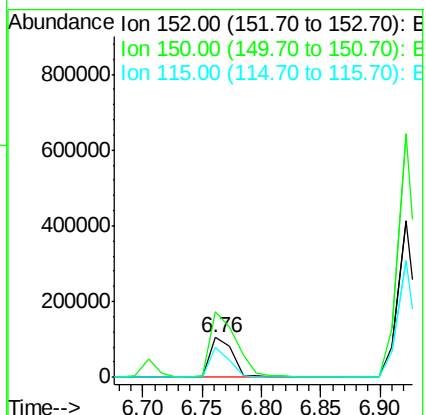
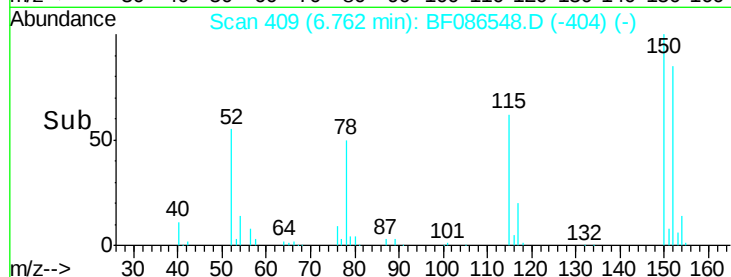
115 73.5 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.26 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.00 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

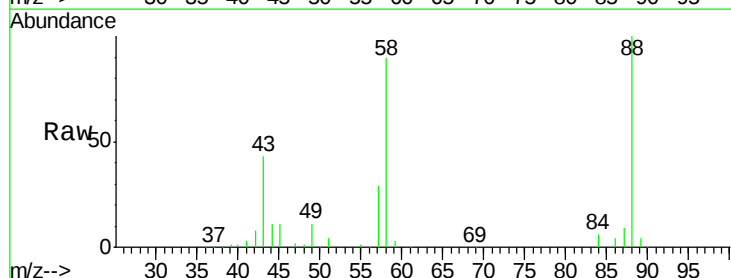
Tgt Ion: 88 Resp: 159879

Ion Ratio Lower Upper

88 100

58 89.5 59.6 89.4#

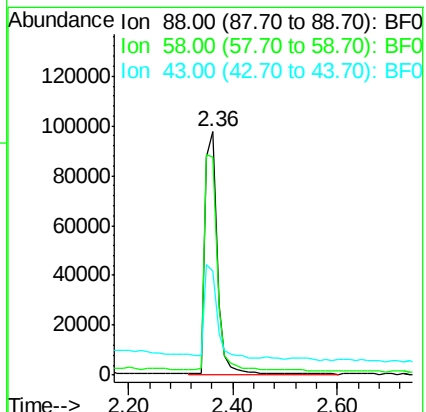
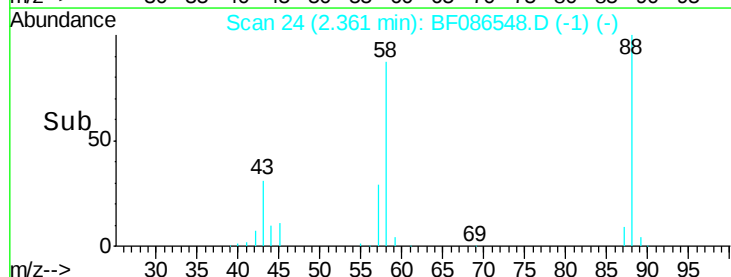
43 39.0 21.8 32.6#

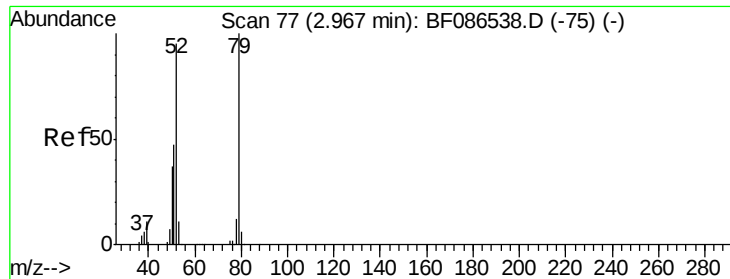


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.18 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

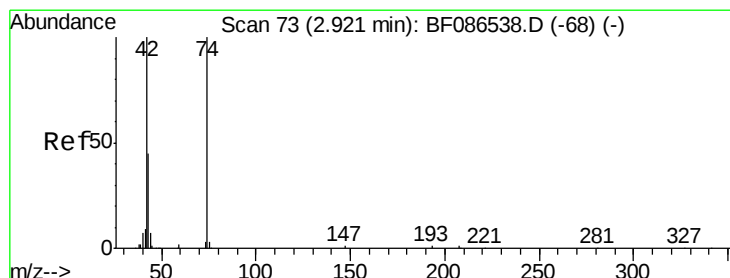
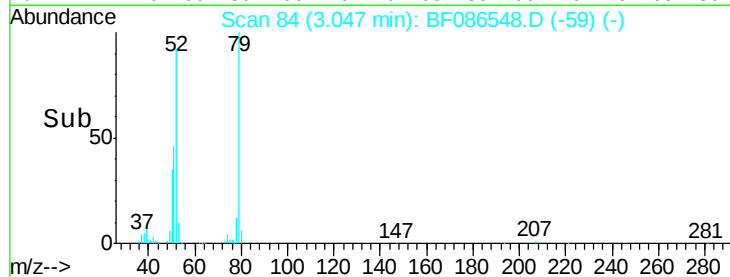
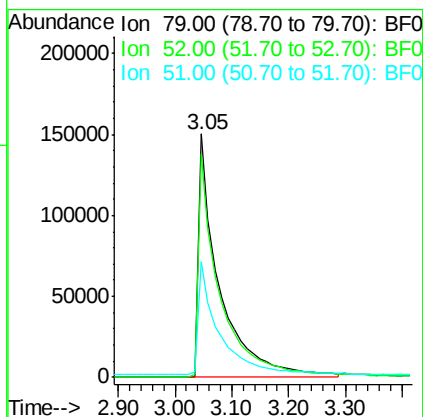
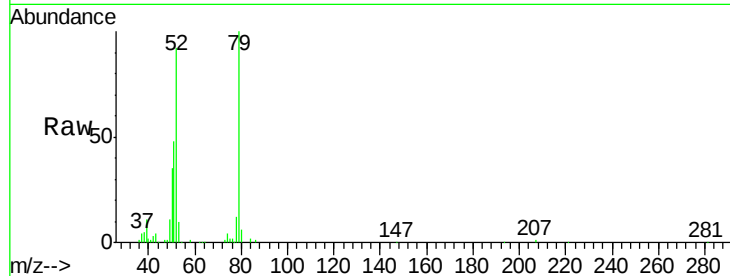
Tgt Ion: 79 Resp: 377572

Ion Ratio Lower Upper

79 100

52 91.8 55.9 83.9#

51 47.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 49.72 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.02 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

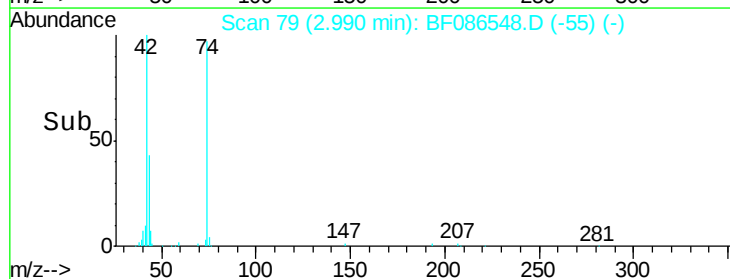
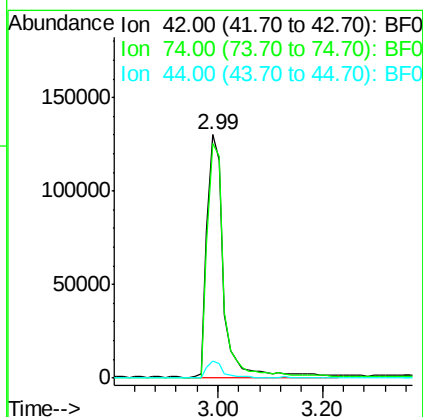
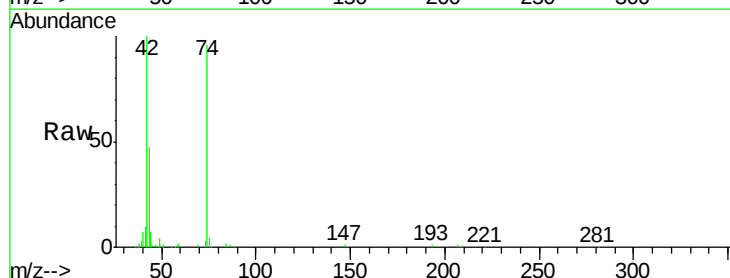
Tgt Ion: 42 Resp: 287750

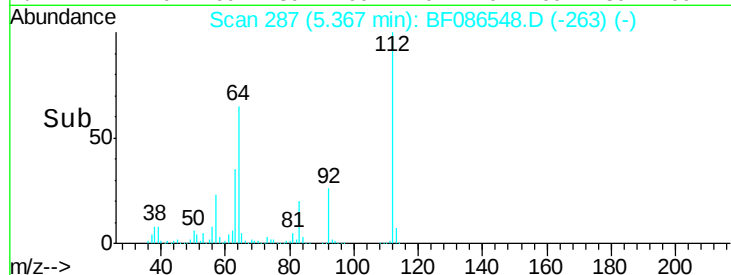
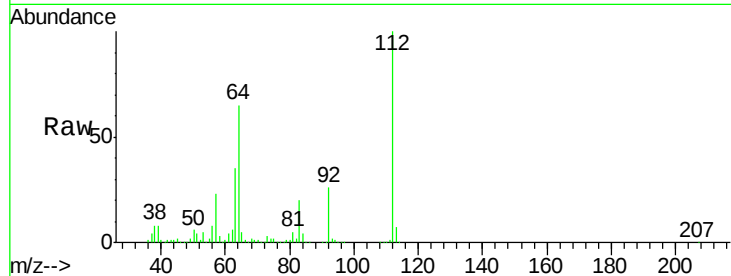
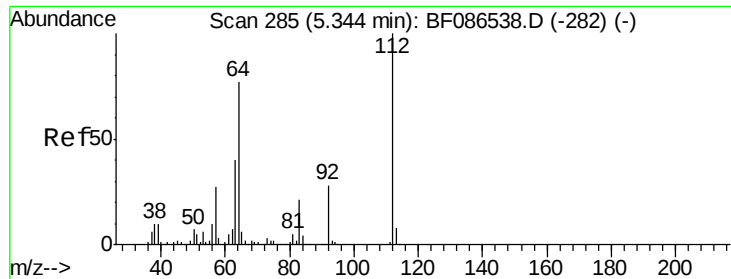
Ion Ratio Lower Upper

42 100

74 96.2 123.4 185.0#

44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 139.10 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

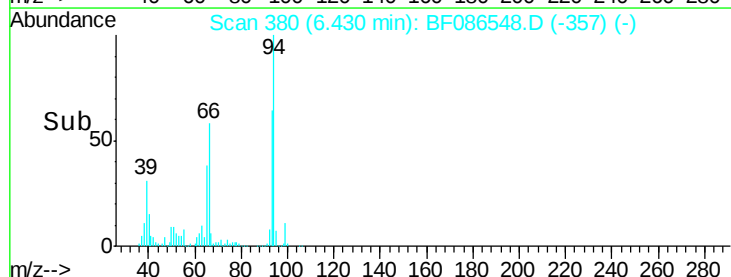
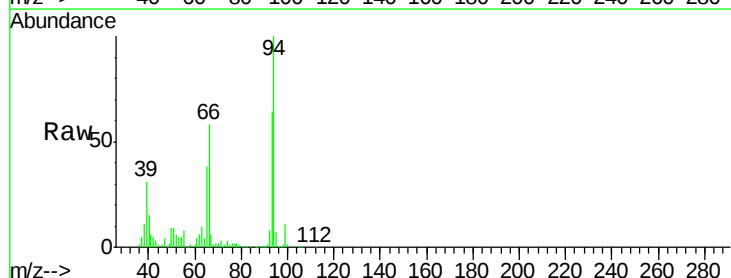
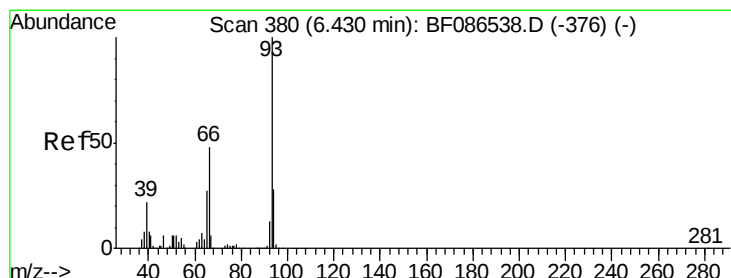
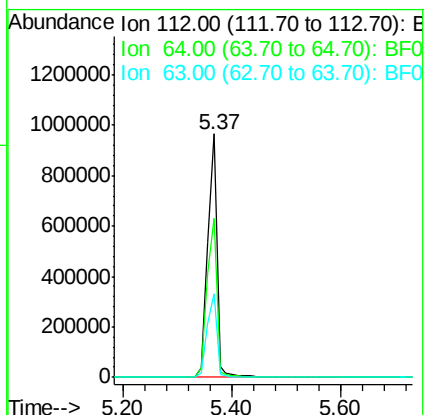
Tgt Ion:112 Resp: 1136117

Ion Ratio Lower Upper

112 100

64 65.4 52.1 78.1

63 34.5 25.7 38.5



#6

Aniline

Concen: 22.09 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

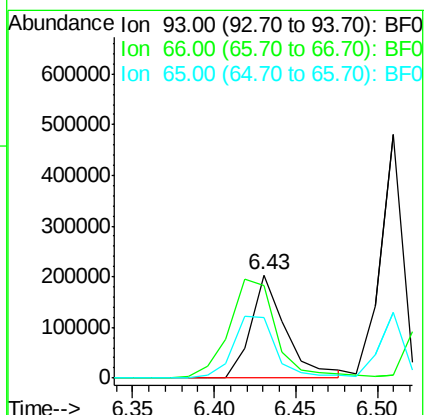
Tgt Ion: 93 Resp: 304725

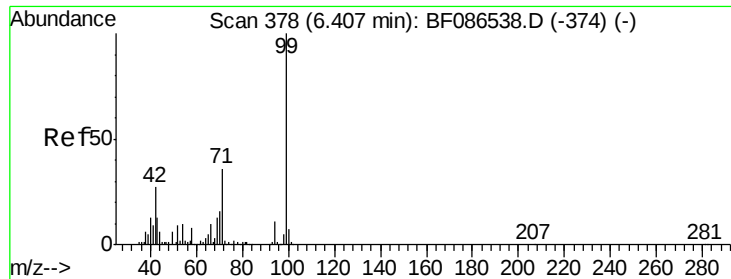
Ion Ratio Lower Upper

93 100

66 90.0 39.0 58.6#

65 58.4 20.6 31.0#





#7

Phenol-d6

Concen: 133.31 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

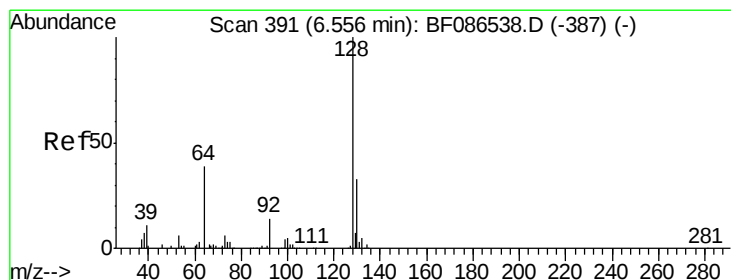
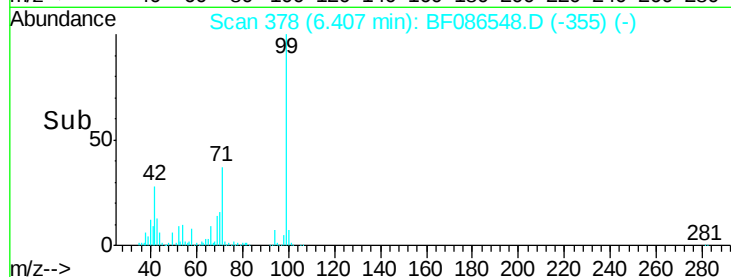
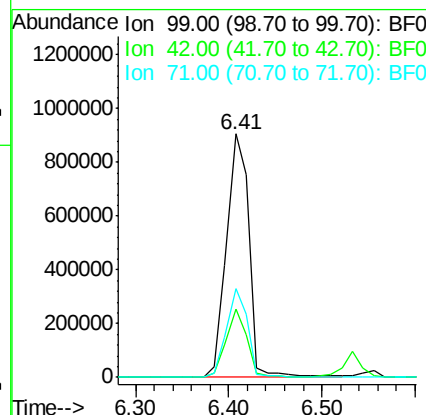
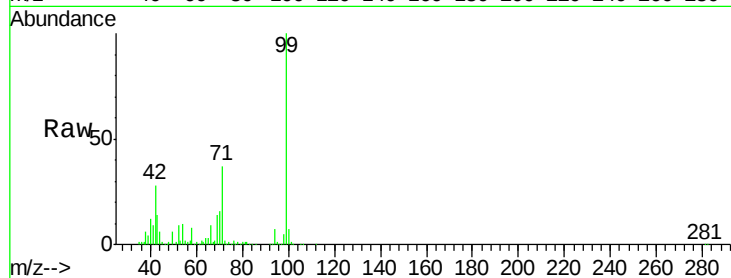
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1519672

Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	36.6	24.6	36.8



#8

2-Chlorophenol

Concen: 43.62 ng

RT: 6.56 min Scan# 391

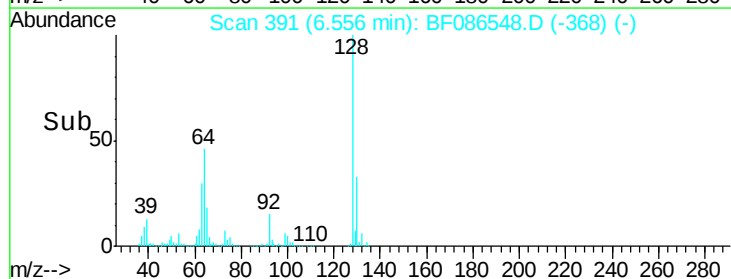
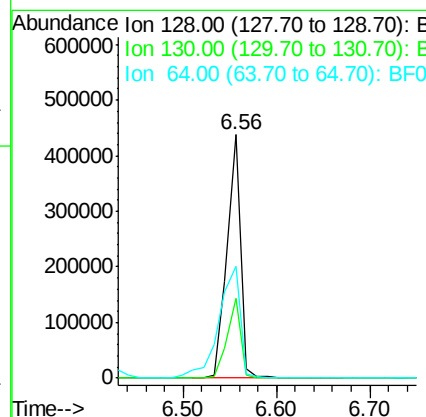
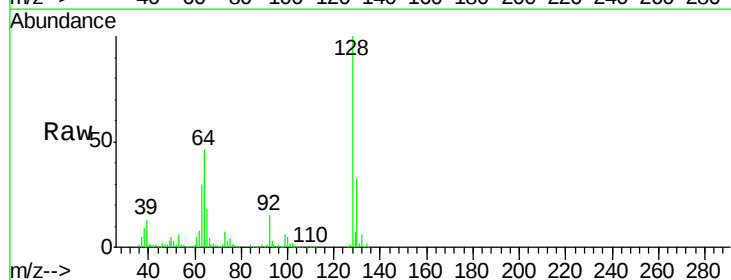
Delta R.T. -0.03 min

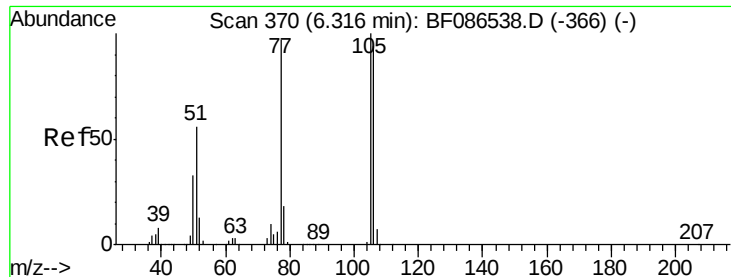
Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion: 128 Resp: 443712

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	45.7	27.3	67.3





#9

Benzaldehyde

Concen: 8.85 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

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BNA_F

ClientSampleId :

SS5MSD

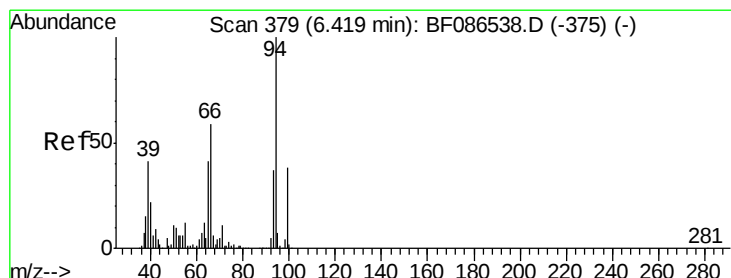
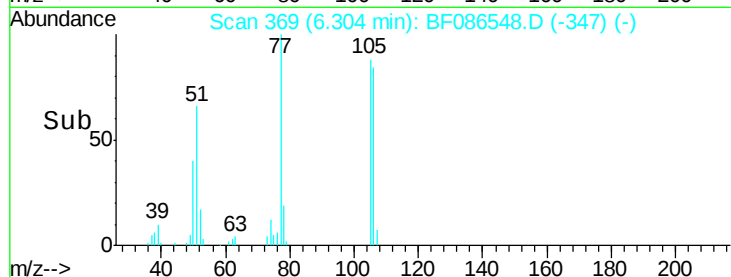
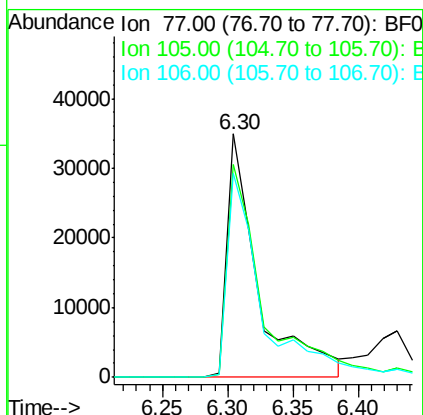
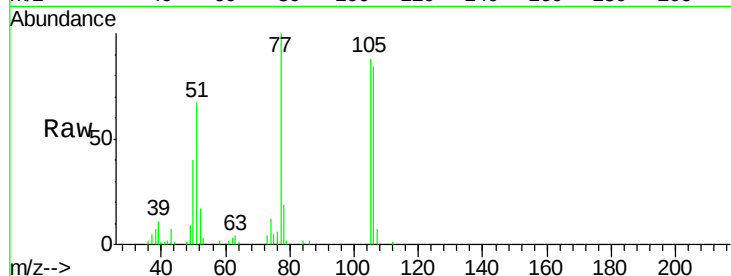
Tgt Ion: 77 Resp: 58719

Ion Ratio Lower Upper

77 100

105 87.5 72.7 112.7

106 83.7 70.8 110.8



#10

Phenol

Concen: 39.81 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

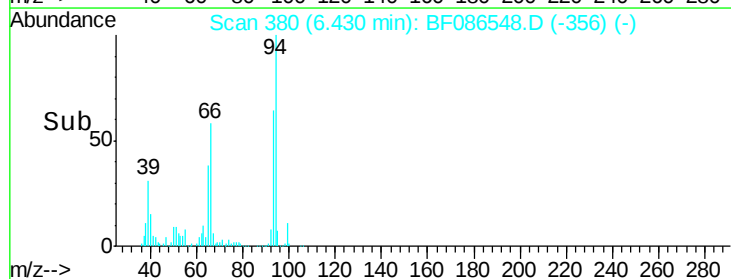
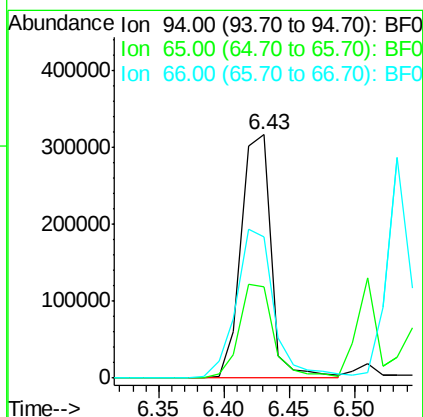
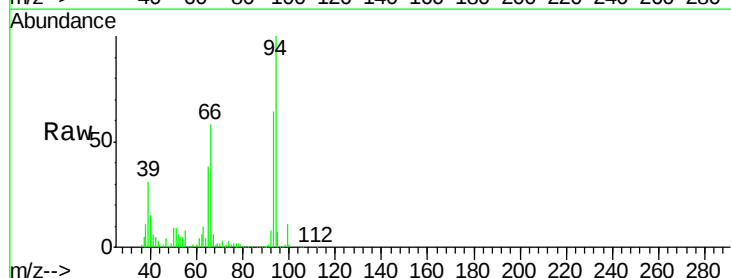
Tgt Ion: 94 Resp: 506350

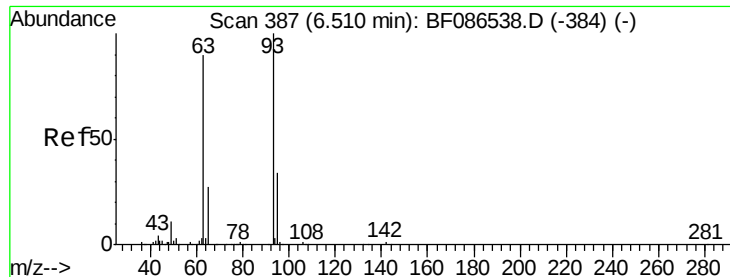
Ion Ratio Lower Upper

94 100

65 37.5 7.2 47.2

66 57.8 14.9 54.9#

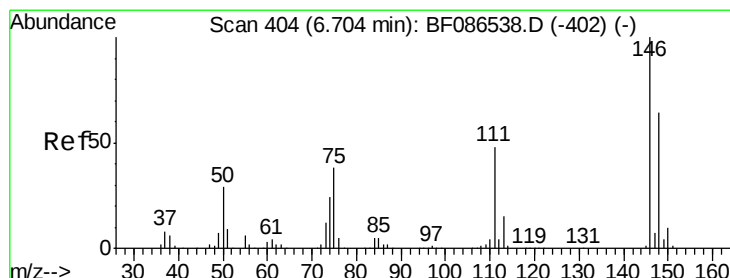
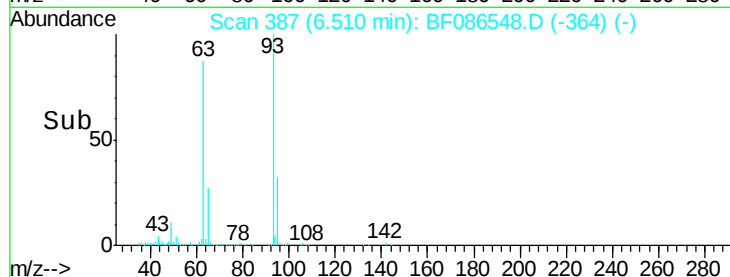
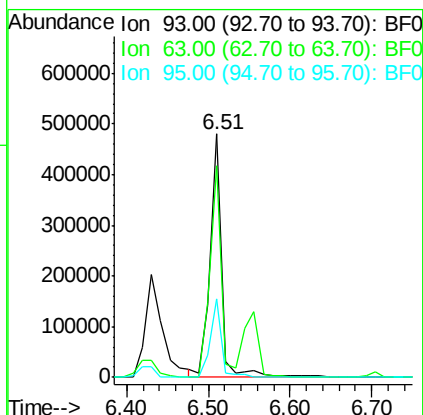
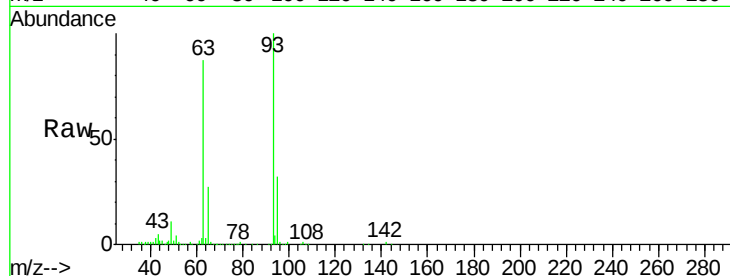




#11
bis(2-Chloroethyl)ether
Concen: 43.95 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

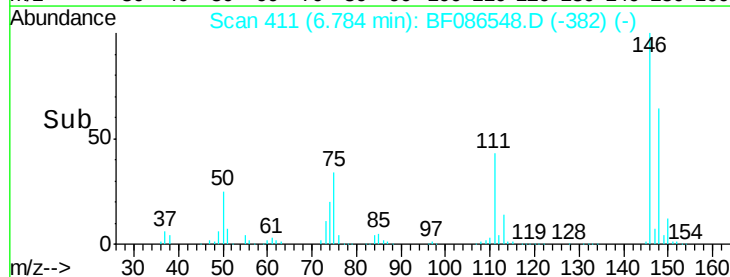
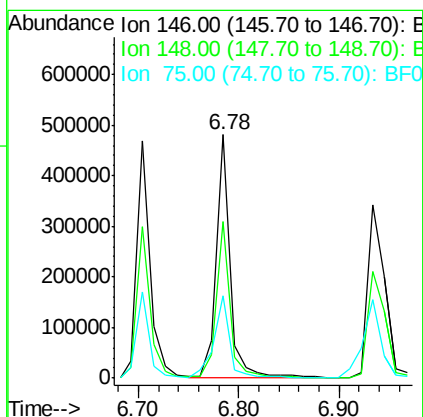
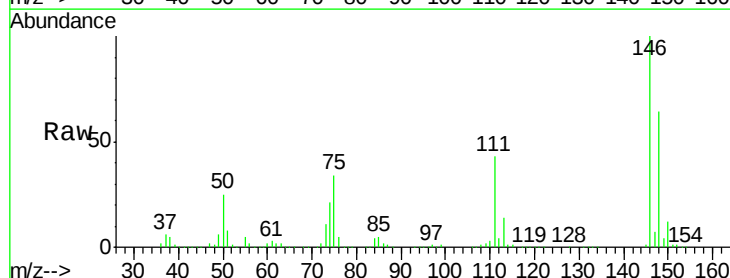
Instrument :
BNA_F
ClientSampleId :
SS5MSD

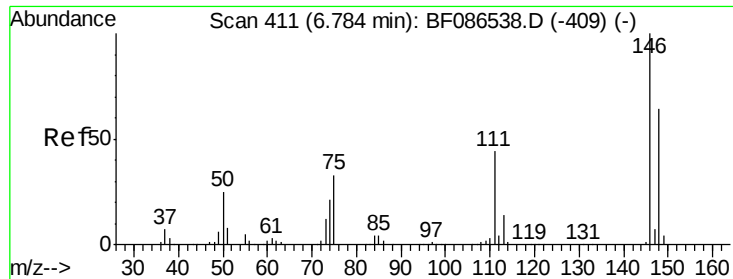
Tgt Ion: 93 Resp: 483232
Ion Ratio Lower Upper
93 100
63 87.1 58.0 98.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 41.31 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion: 146 Resp: 452027
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
75 34.1 22.8 34.2

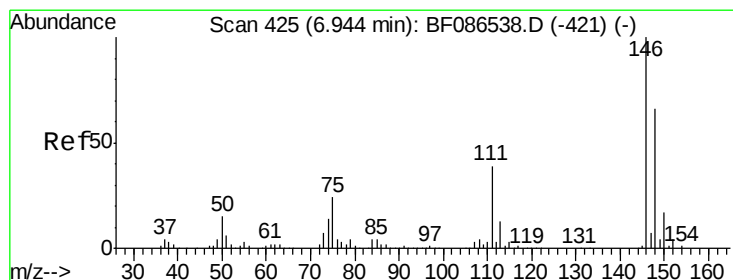
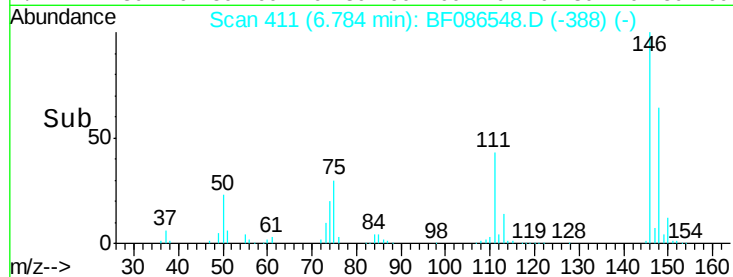
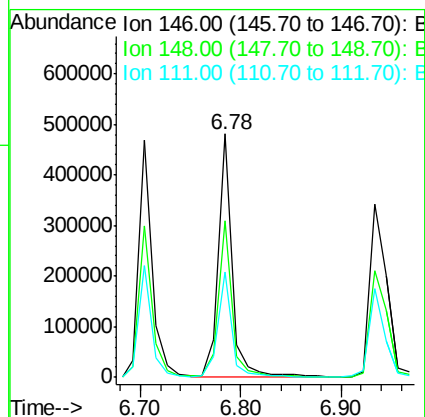
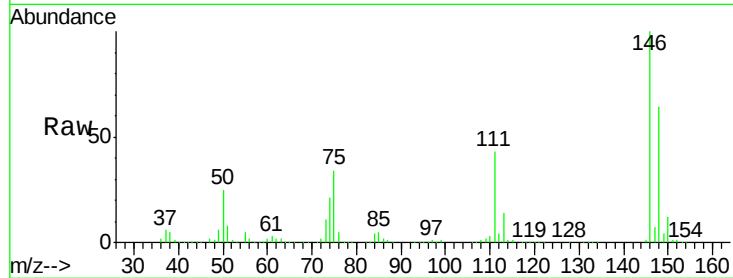




#13
 1,4-Dichlorobenzene
 Concen: 40.68 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

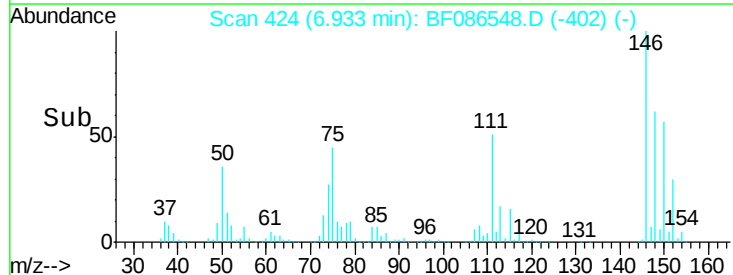
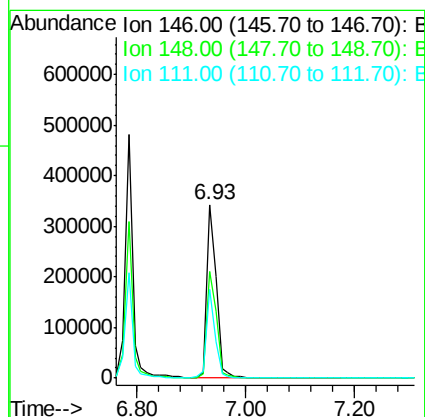
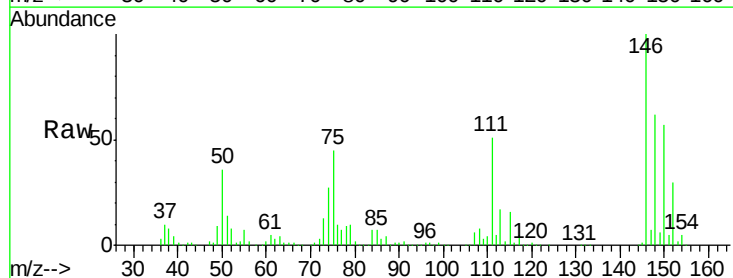
Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

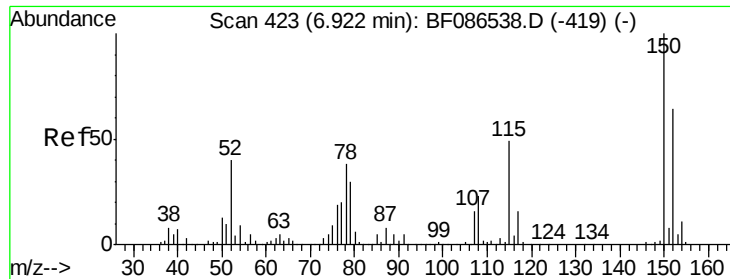
Tgt Ion:146 Resp: 459301
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 43.4 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.73 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:146 Resp: 411352
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.0 76.6
 111 50.9 36.2 54.4

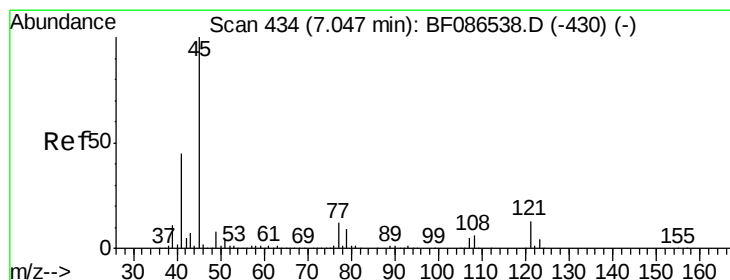
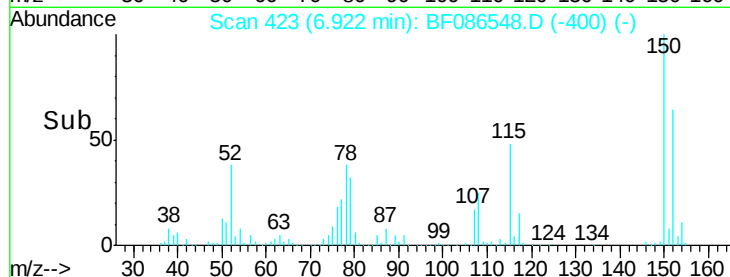
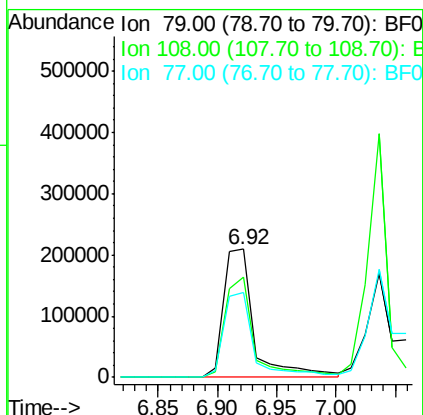
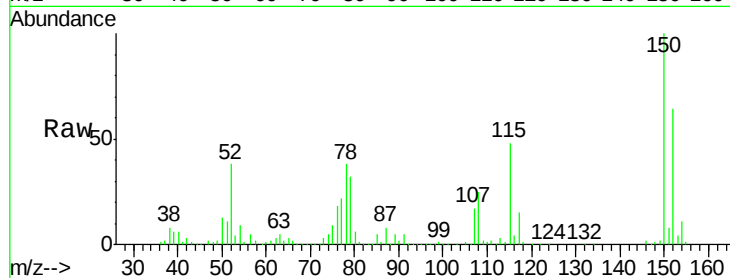




#15
Benzyl Alcohol
Concen: 51.65 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

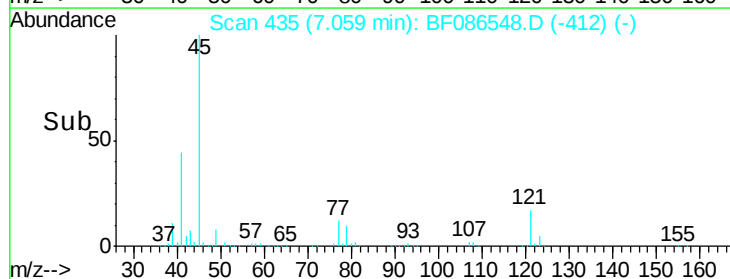
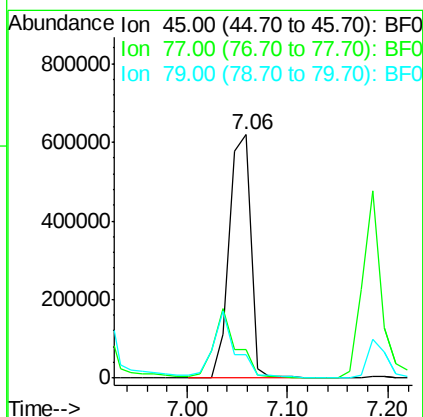
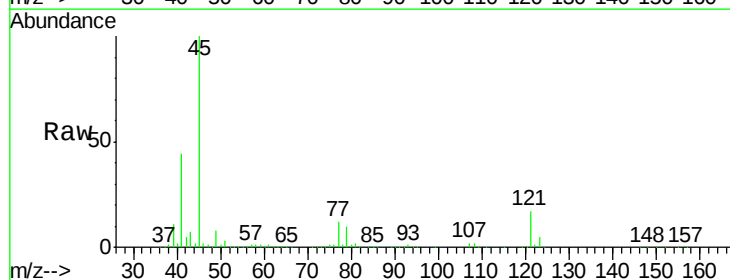
Instrument :
BNA_F
ClientSampleId :
SS5MSD

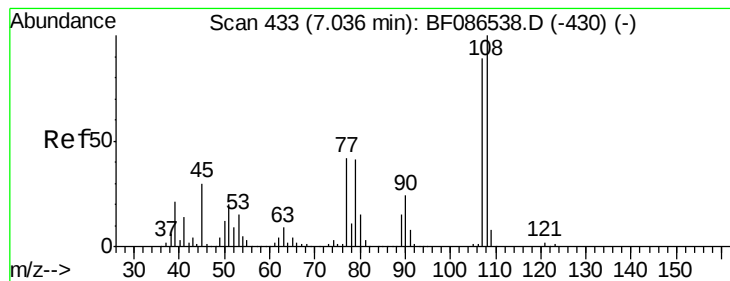
Tgt Ion: 79 Resp: 372506
Ion Ratio Lower Upper
79 100
108 78.4 68.4 102.6
77 66.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.02 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion: 45 Resp: 924846
Ion Ratio Lower Upper
45 100
77 11.7 0.0 36.4
79 9.9 0.0 33.4

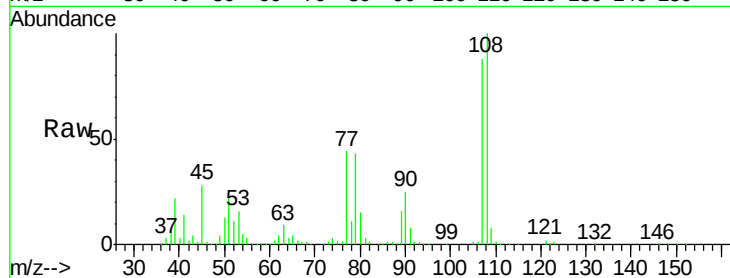




#17
2-Methylphenol
Concen: 47.20 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.7	140.5
77	50.2	33.4	50.0#
79	48.8	34.3	51.5



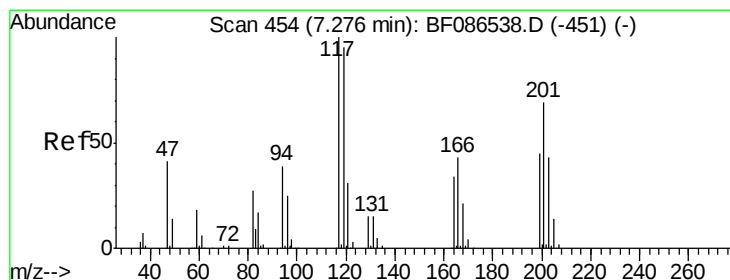
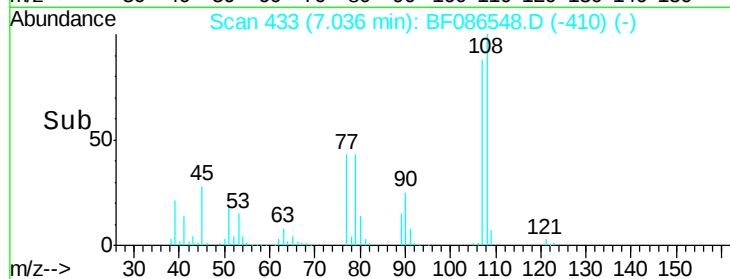
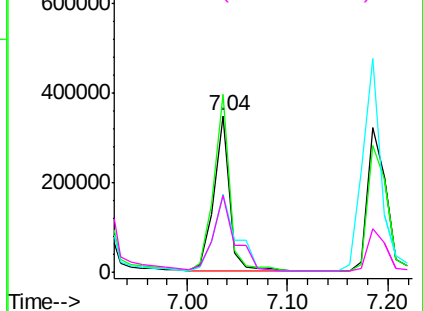
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

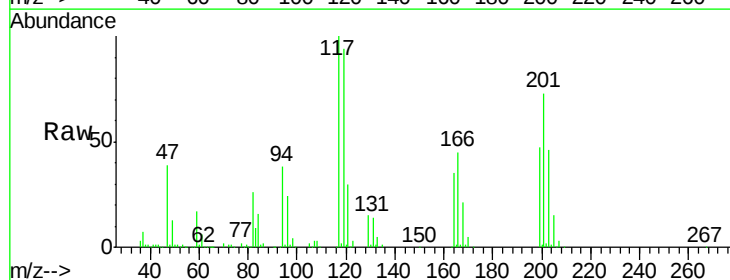
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.54 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.5	114.7
201	73.0	63.0	94.6

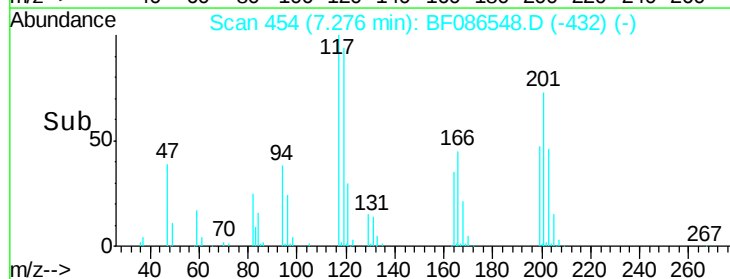
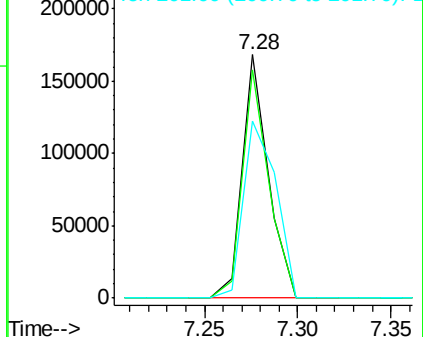


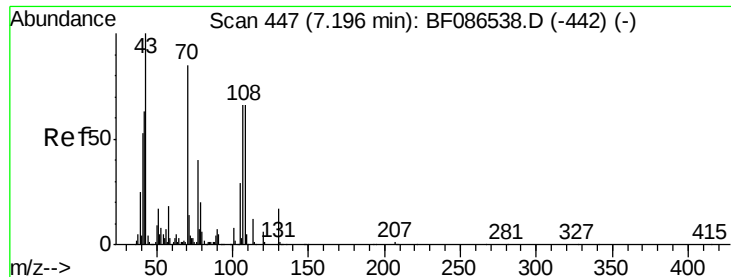
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

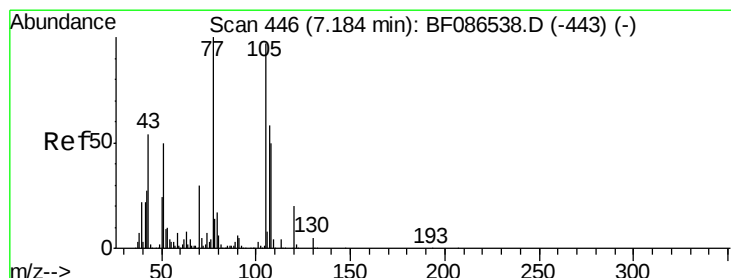
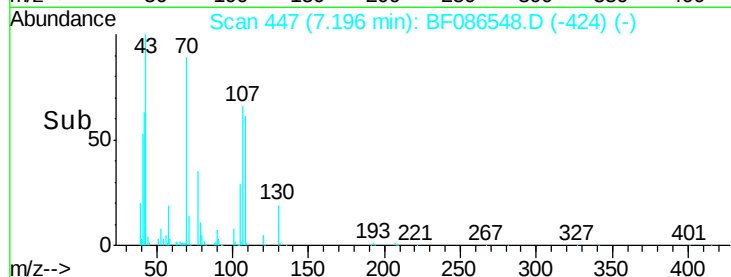
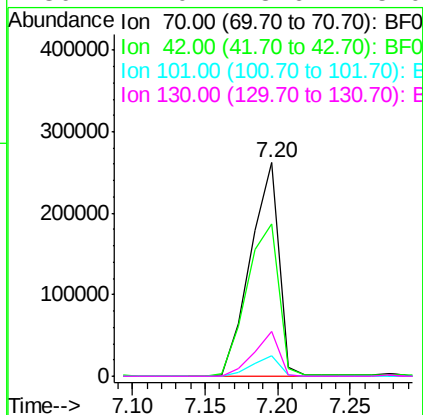
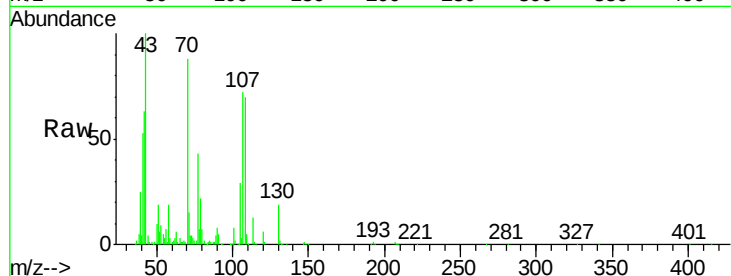




#19
n-Nitroso-di-n-propylamine
Concen: 47.52 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

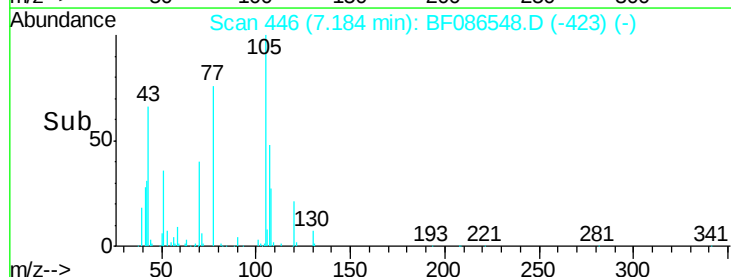
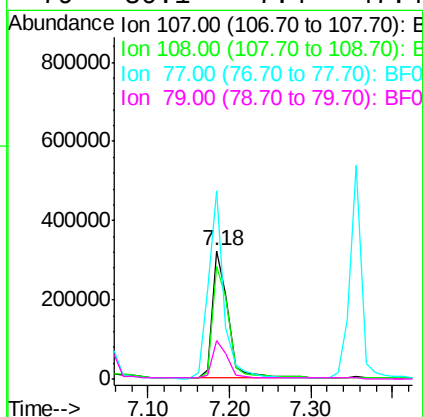
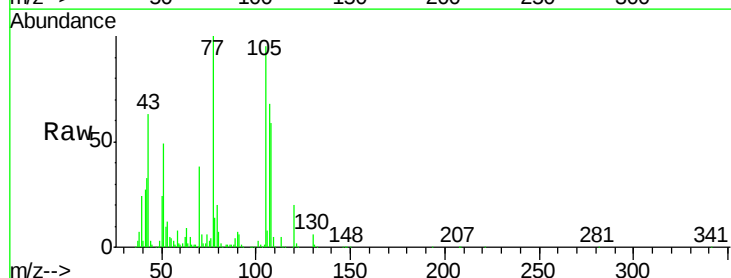
Instrument :
BNA_F
ClientSampleId :
SS5MSD

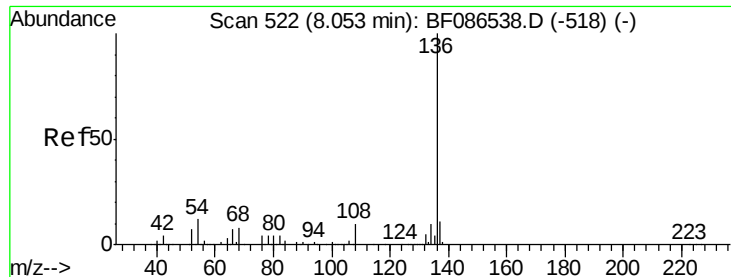
Tgt Ion: 70 Resp: 358039
Ion Ratio Lower Upper
70 100
42 71.5 43.1 64.7#
101 9.3 8.1 12.1
130 21.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 46.11 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion: 107 Resp: 432923
Ion Ratio Lower Upper
107 100
108 87.3 68.5 108.5
77 147.0 101.6 141.6#
79 30.1 7.4 47.4

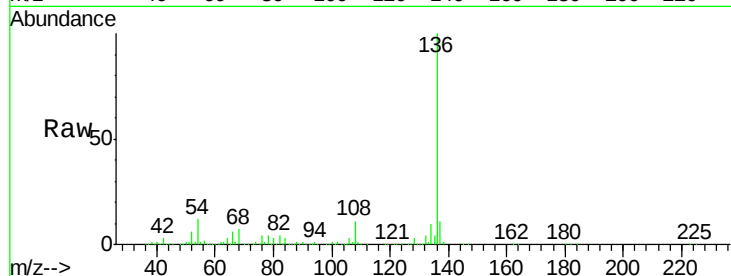




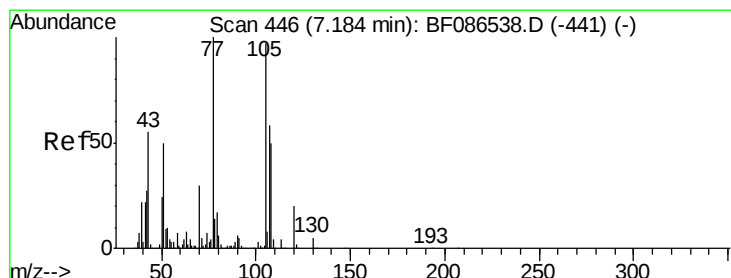
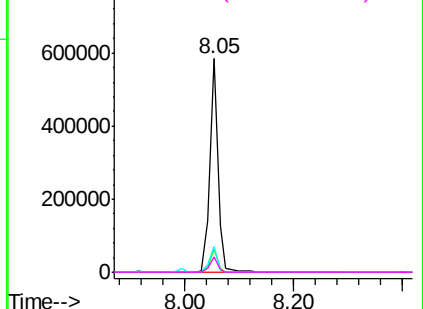
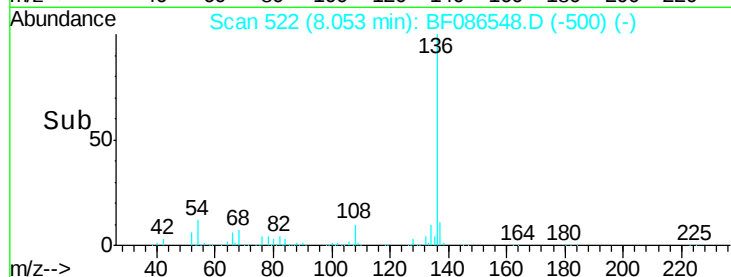
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Tgt Ion:	136	Resp:	610462
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.1	5.0	7.4#
68	7.1	4.4	6.6#

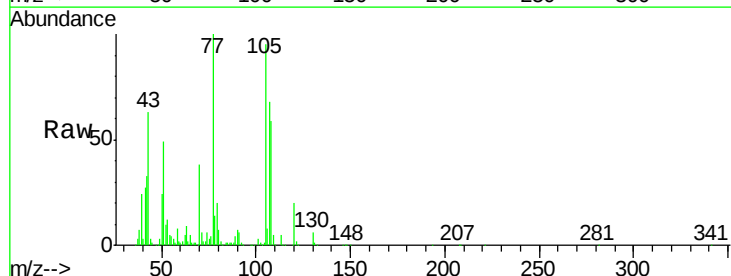


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

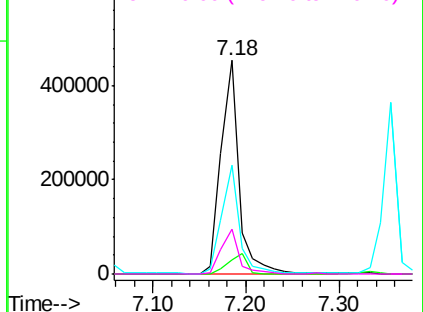
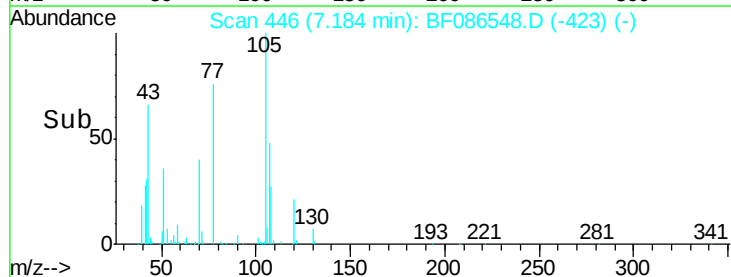


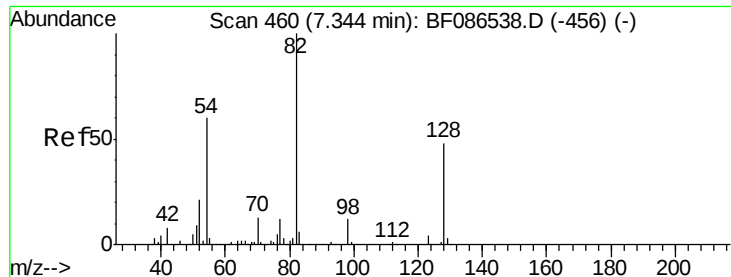
#22
Acetophenone
Concen: 45.90 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:	105	Resp:	614434
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.8	7.2
51	51.1	32.6	49.0#
120	21.1	16.5	24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

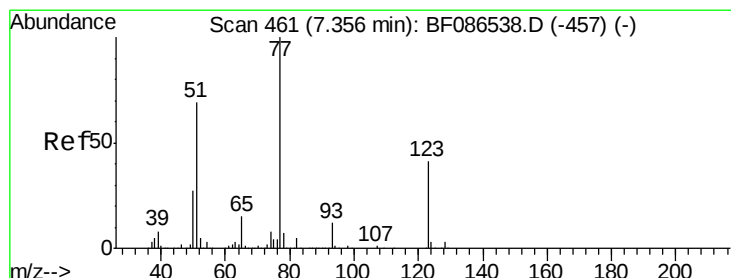
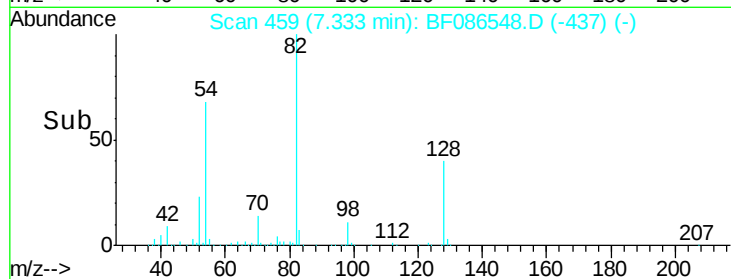
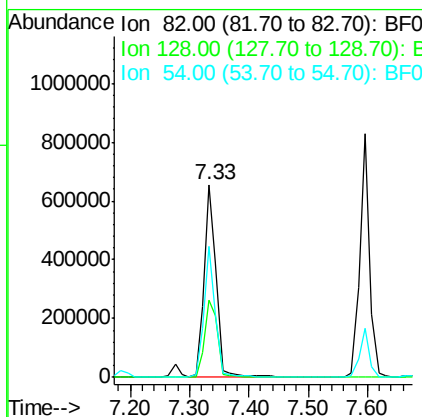
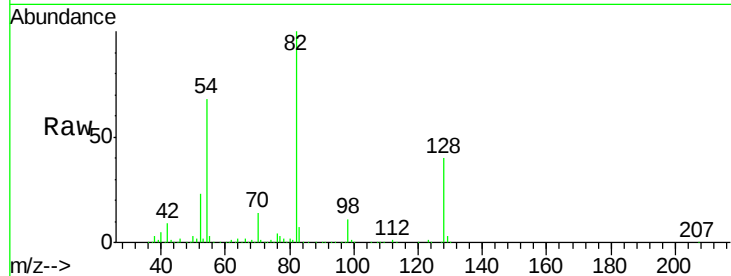




#23
 Nitrobenzene-d5
 Concen: 84.19 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

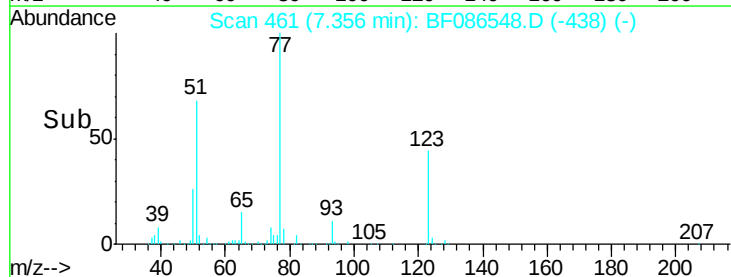
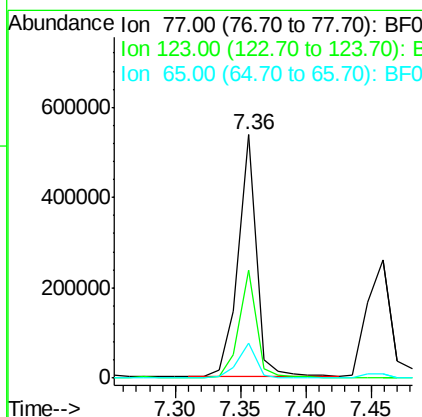
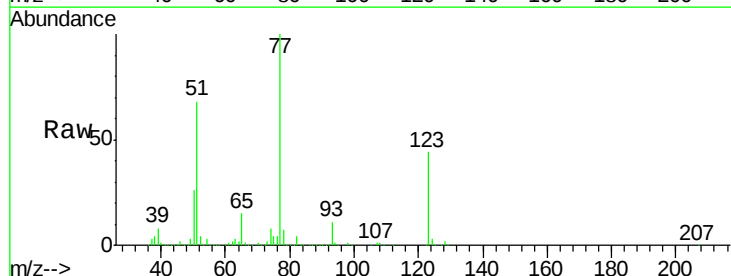
Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

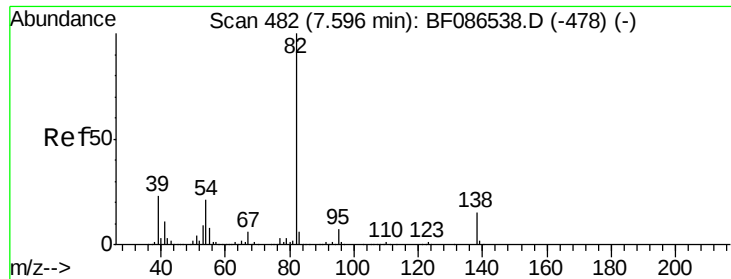
Tgt Ion: 82 Resp: 953511
 Ion Ratio Lower Upper
 82 100
 128 40.1 40.6 61.0#
 54 67.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 44.86 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion: 77 Resp: 522664
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.0 49.4
 65 14.6 10.8 16.2

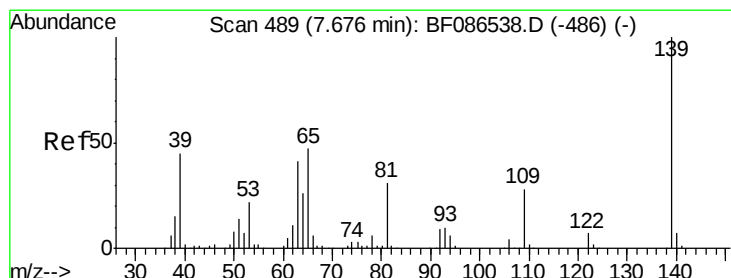
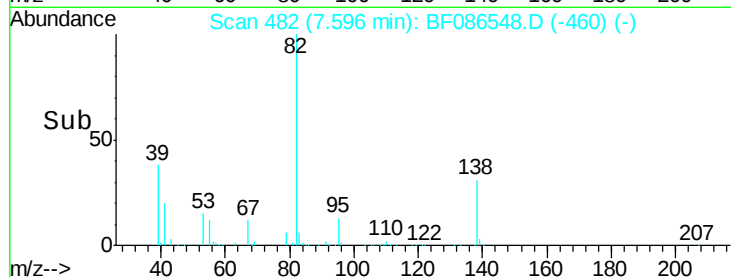
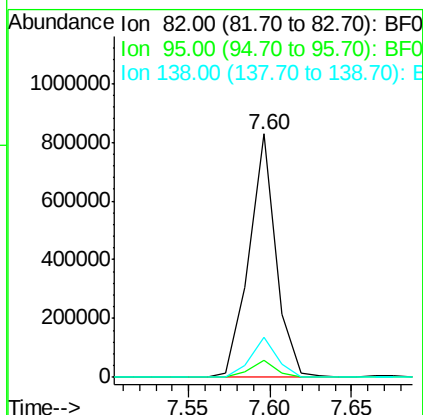
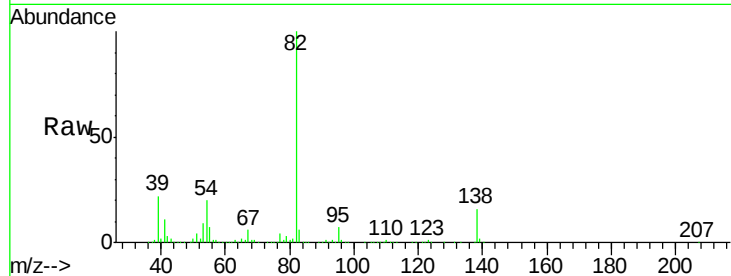




#25
Isophorone
Concen: 43.27 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

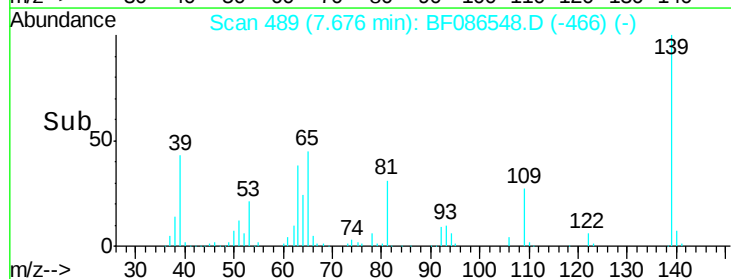
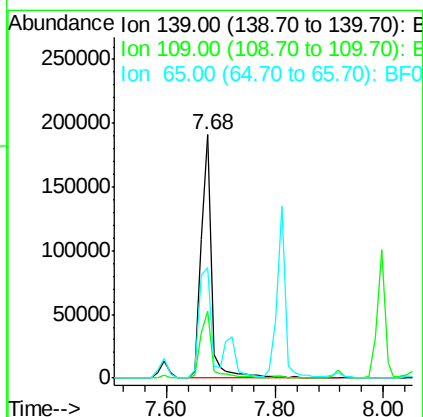
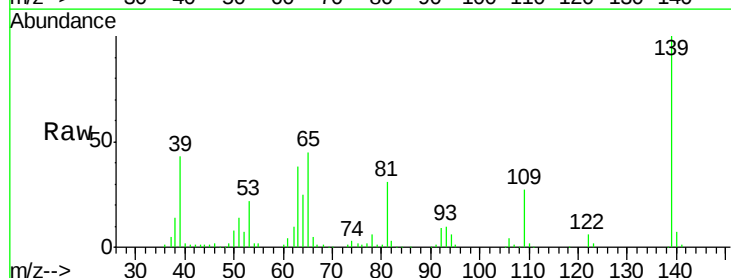
Instrument :
BNA_F
ClientSampled :
SS5MSD

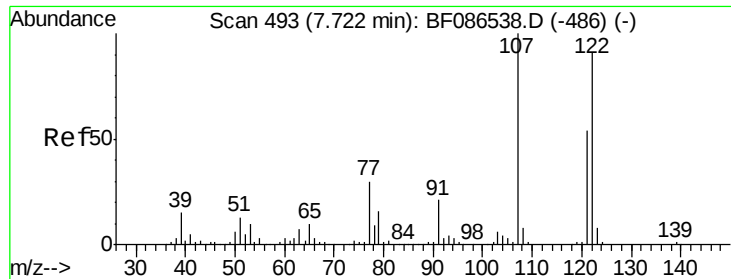
Tgt Ion: 82 Resp: 943155
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 16.2 12.4 18.6



#26
2-Nitrophenol
Concen: 46.44 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion: 139 Resp: 249106
Ion Ratio Lower Upper
139 100
109 27.3 19.5 29.3
65 45.2 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 45.15 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

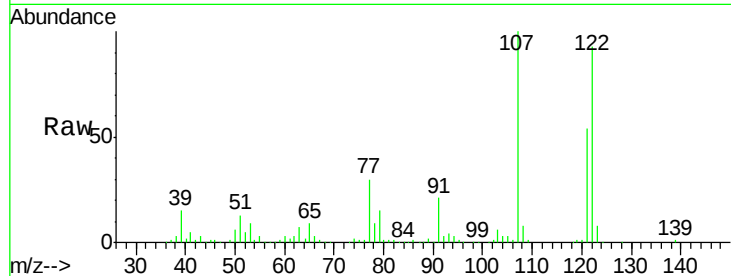
Tgt Ion:122 Resp: 424976

Ion Ratio Lower Upper

122 100

107 108.0 82.0 123.0

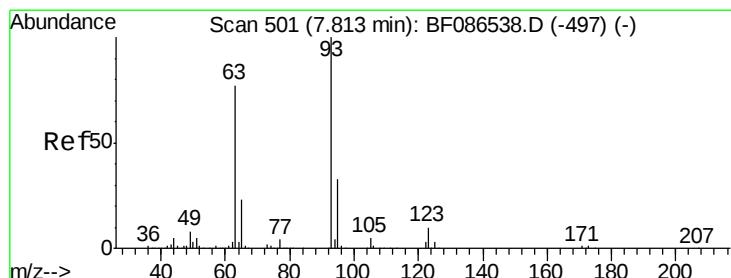
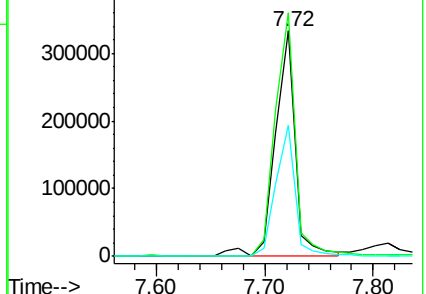
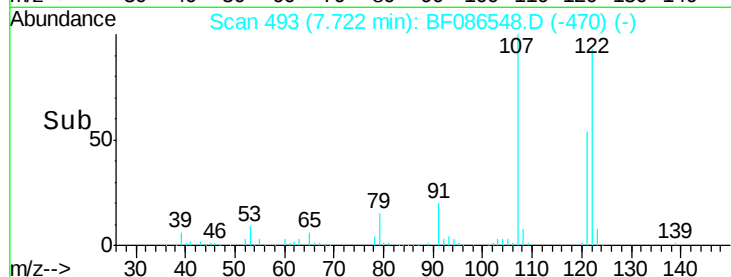
121 58.1 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.25 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

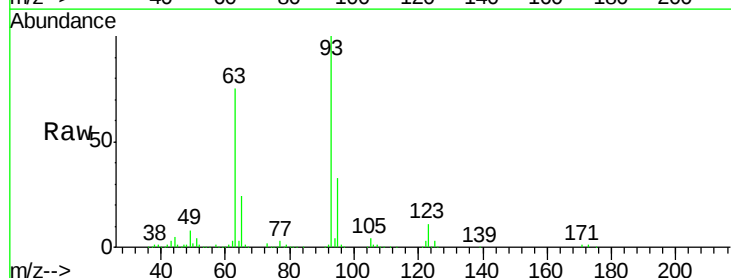
Tgt Ion: 93 Resp: 584874

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

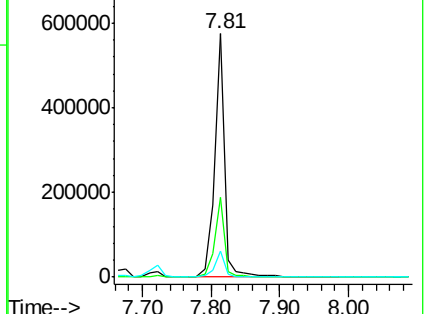
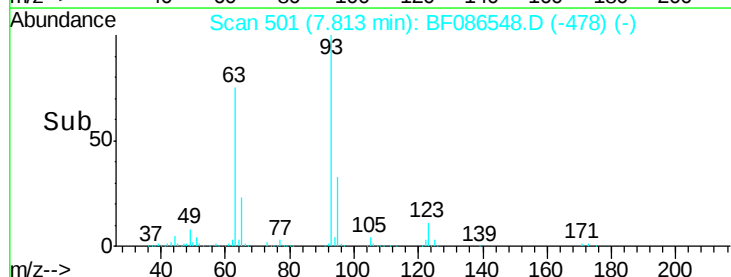
123 10.6 9.5 14.3

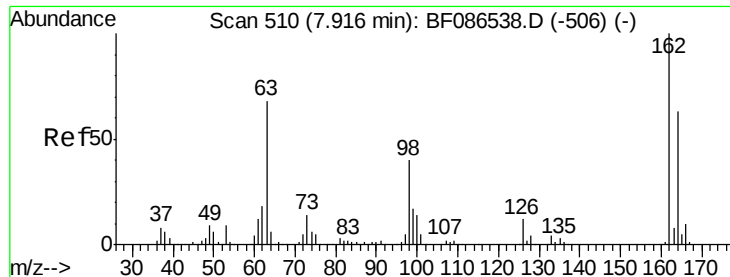


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

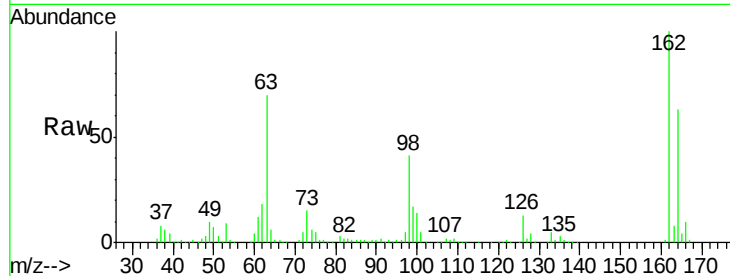




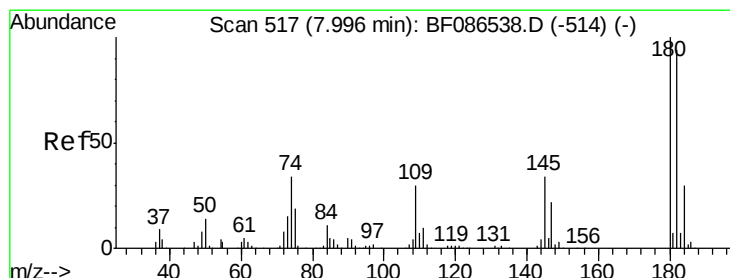
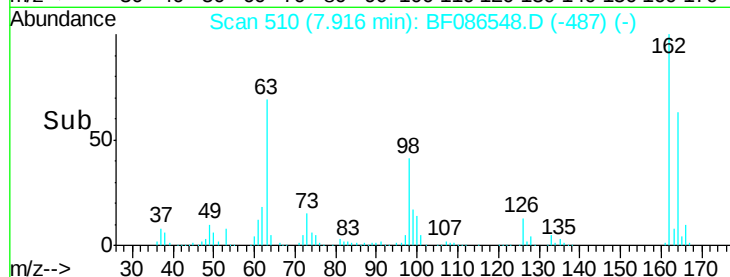
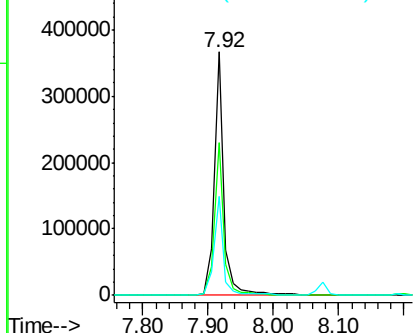
#29
 2,4-Dichlorophenol
 Concen: 48.48 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.2	82.2
98	40.9	19.0	59.0

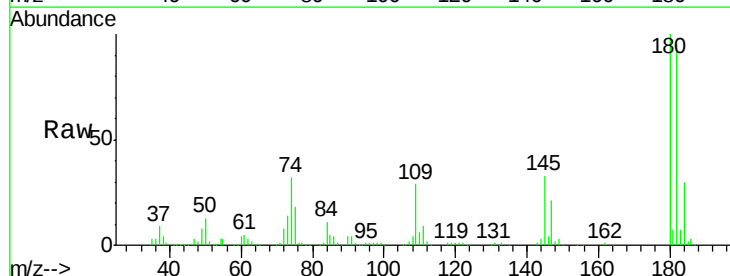


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

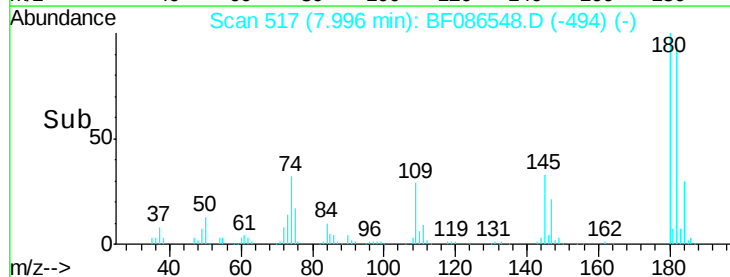
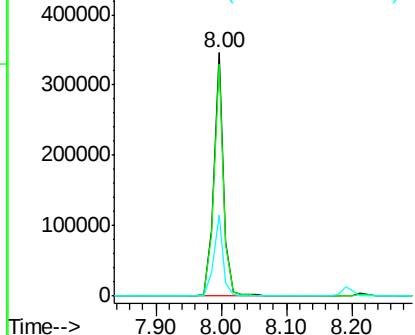


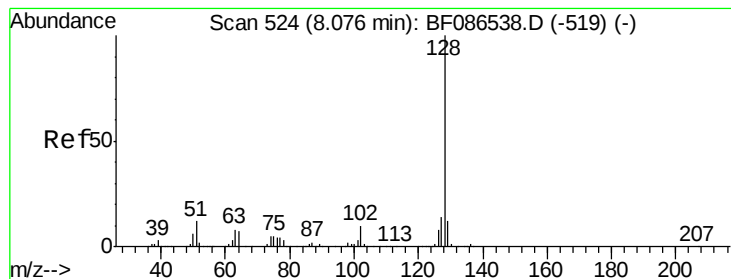
#30
 1,2,4-Trichlorobenzene
 Concen: 40.15 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.0	117.0
145	33.2	24.2	36.2



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





#31

Naphthalene

Concen: 41.58 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

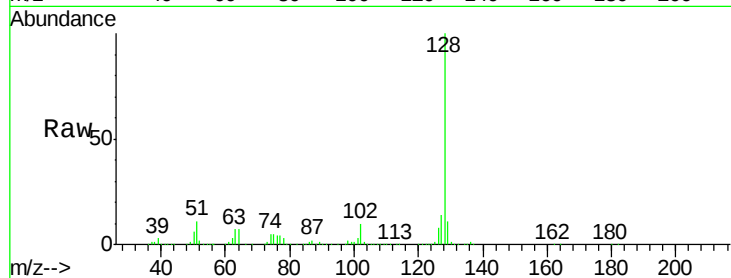
Tgt Ion:128 Resp: 1291674

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

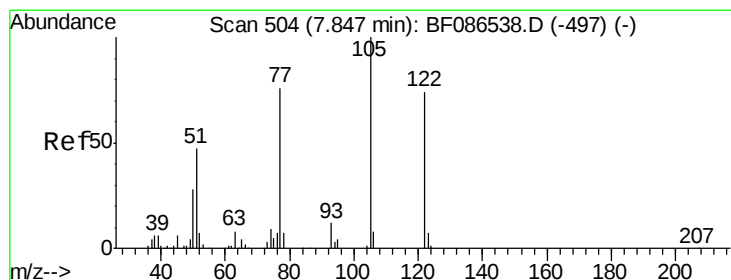
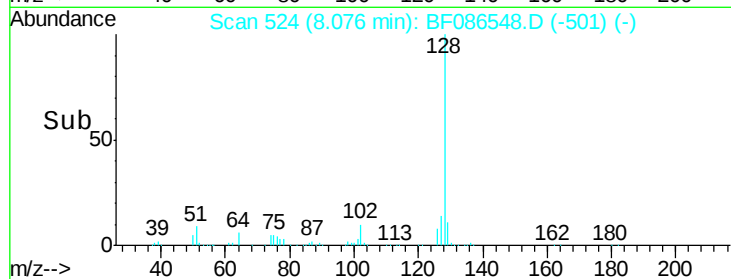
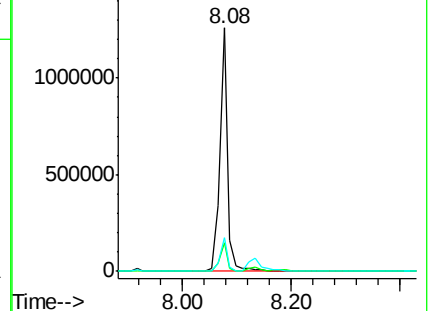
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.35 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.08 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

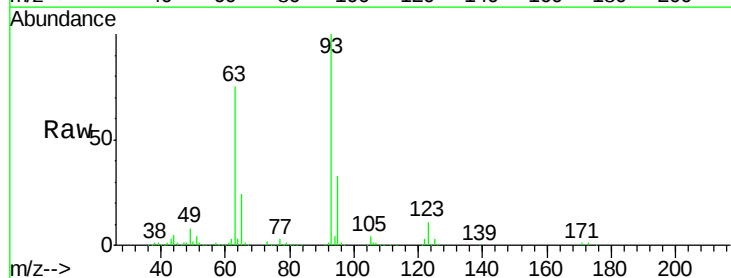
Tgt Ion:122 Resp: 52802

Ion Ratio Lower Upper

122 100

105 110.8 92.6 132.6

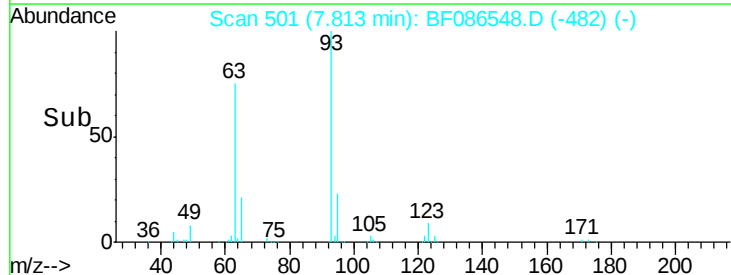
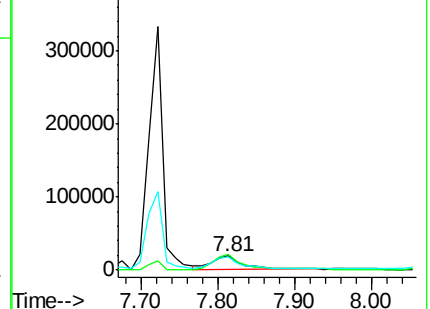
77 95.4 60.0 100.0

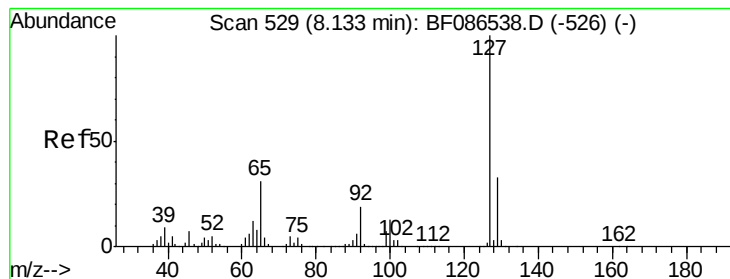


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.79 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

Tgt Ion:127 Resp: 137200

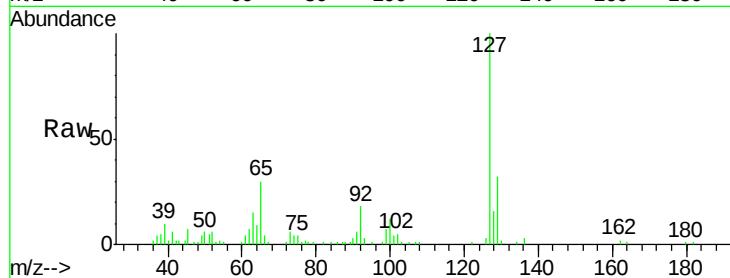
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 30.0 23.0 34.4

92 18.2 15.1 22.7

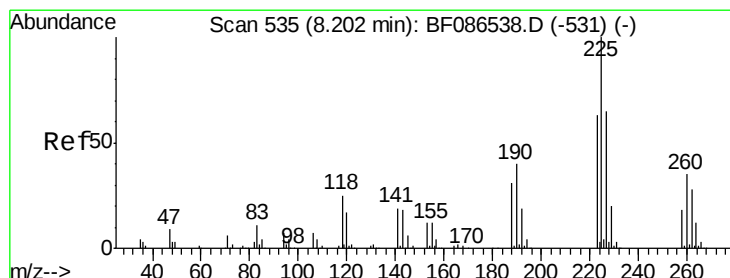
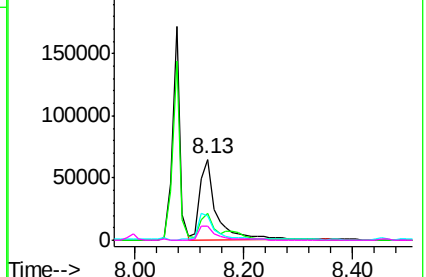
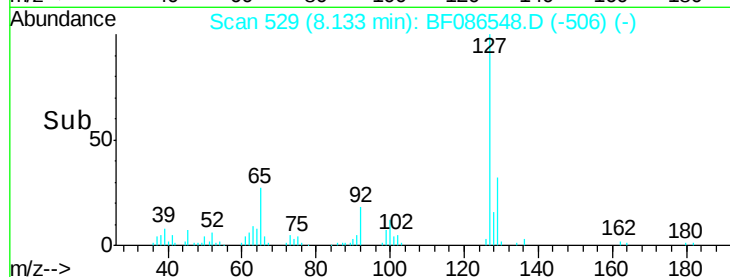


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.84 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

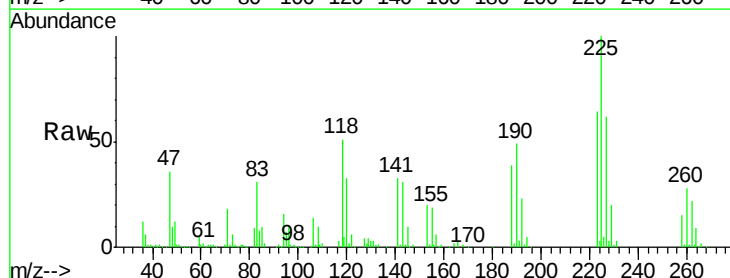
Tgt Ion:225 Resp: 195414

Ion Ratio Lower Upper

225 100

223 64.1 51.5 77.3

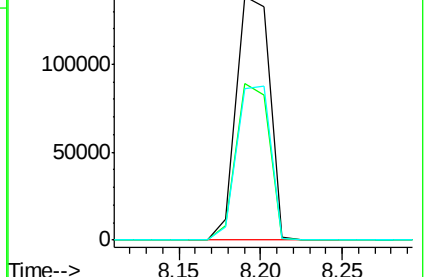
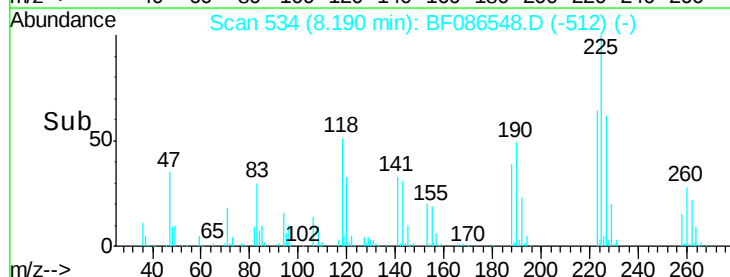
227 62.2 52.2 78.2

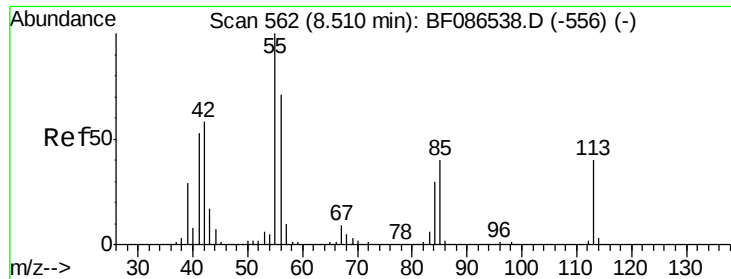


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

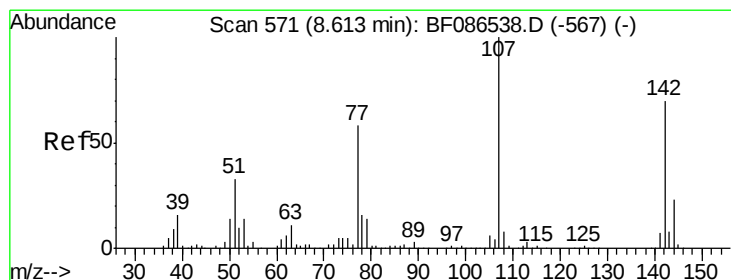
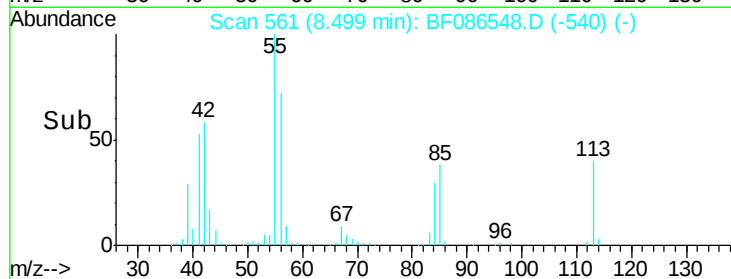
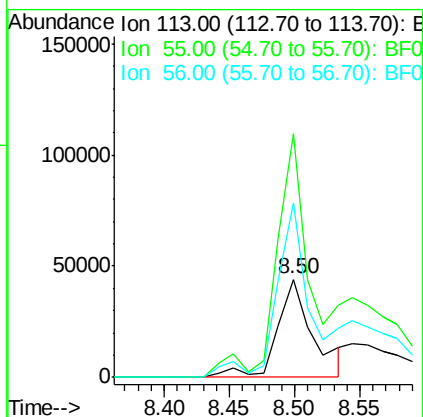
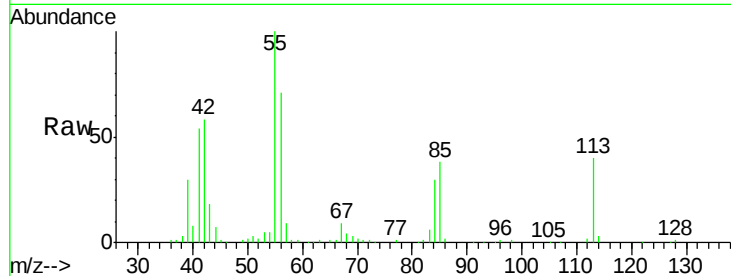




#35
 Caprolactam
 Concen: 31.83 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.06 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

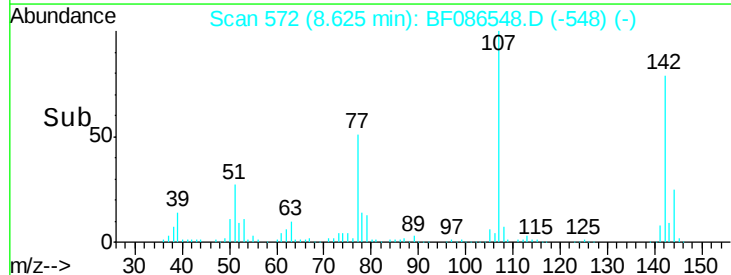
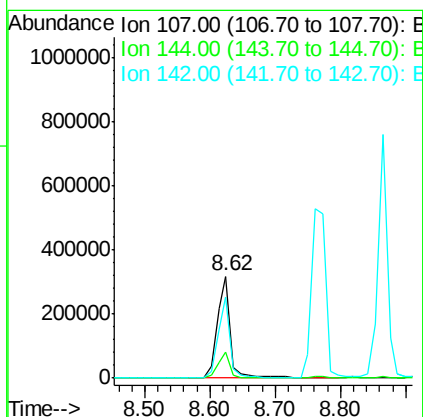
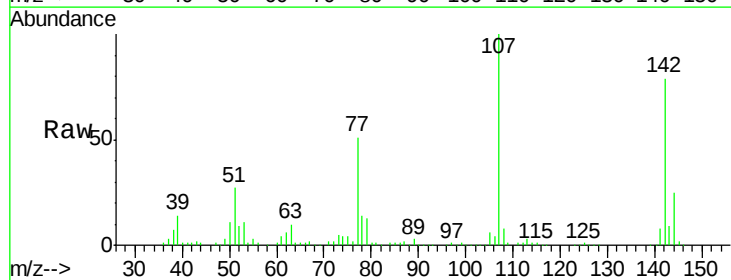
Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

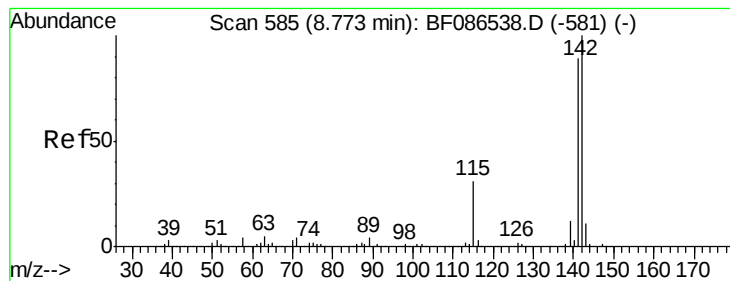
Tgt Ion:113 Resp: 84310
 Ion Ratio Lower Upper
 113 100
 55 249.0 162.0 202.0#
 56 178.0 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 49.67 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:107 Resp: 451613
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.7 31.1
 142 79.2 63.2 94.8





#37

2-Methylnaphthalene

Concen: 43.29 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

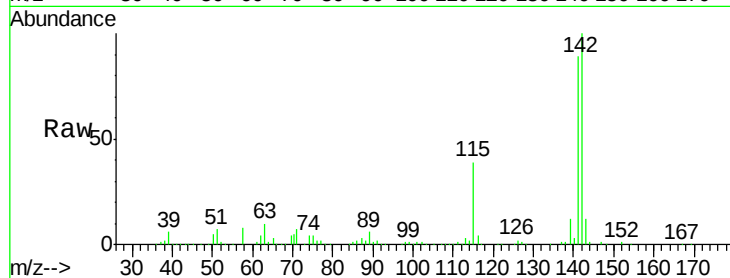
Tgt Ion:142 Resp: 793501

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

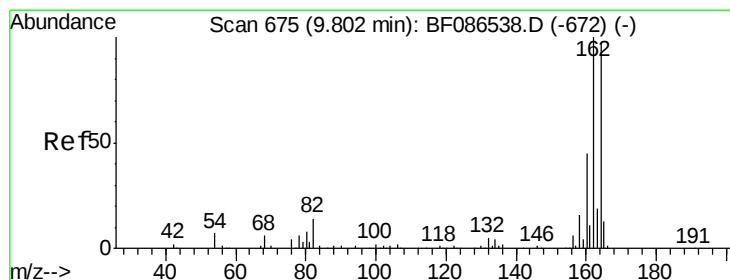
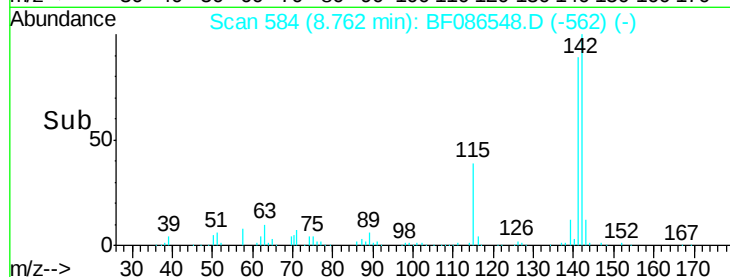
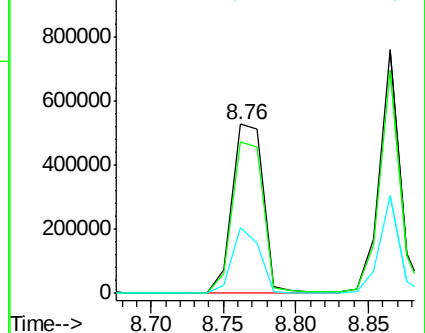
115 38.8 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

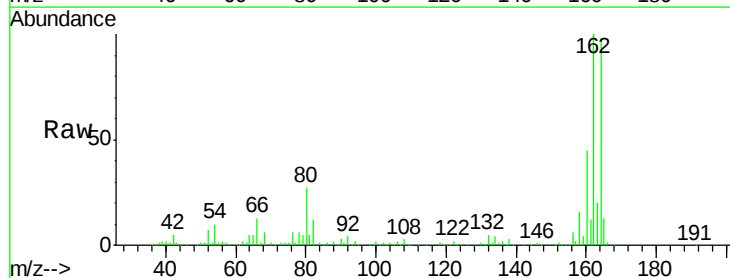
Tgt Ion:164 Resp: 295728

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

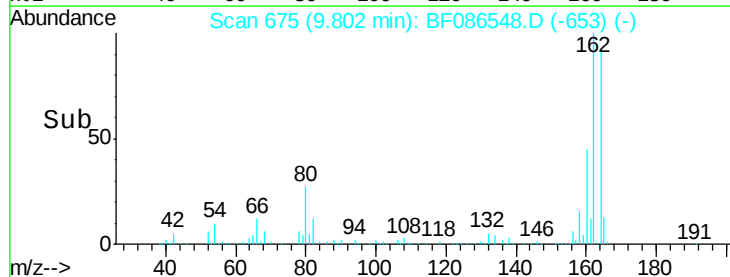
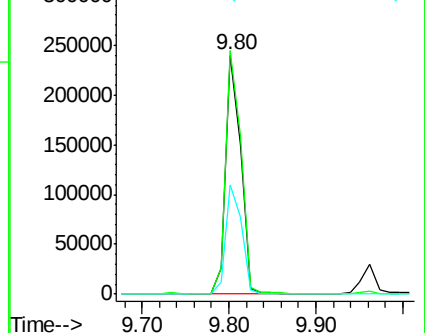
160 45.7 36.9 55.3

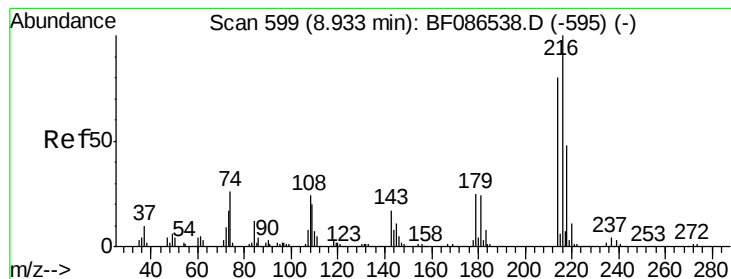


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.80 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

Tgt Ion:216 Resp: 319986

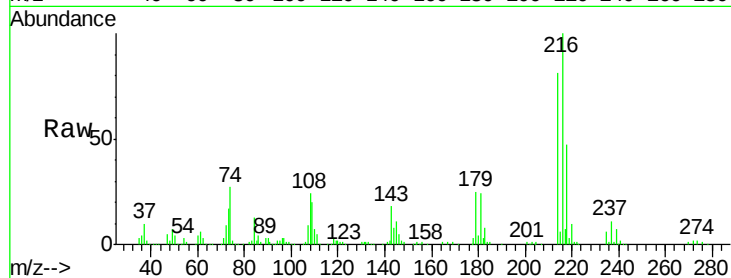
Ion Ratio Lower Upper

216 100

214 80.0 62.6 93.8

179 24.1 18.2 27.4

108 27.1 17.5 26.3#

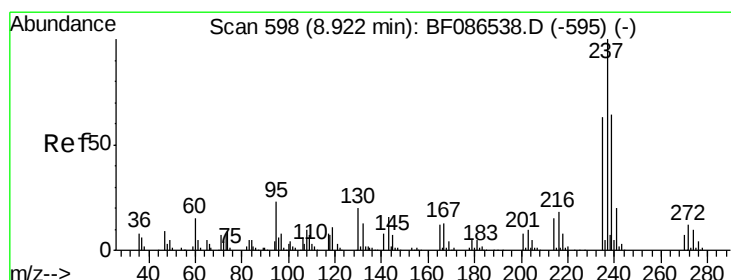
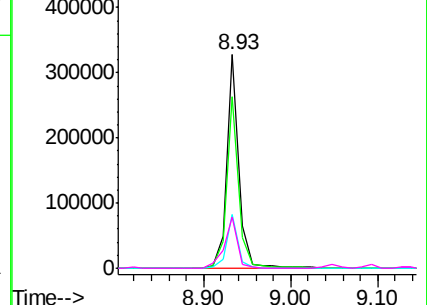
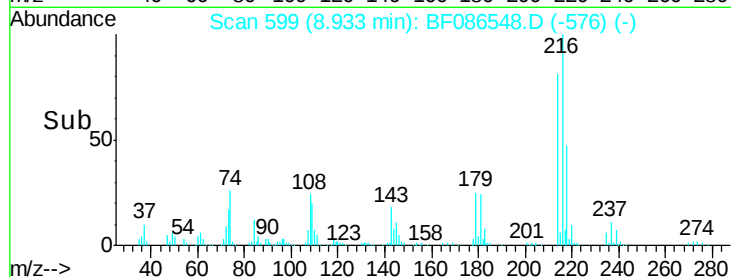


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.05 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

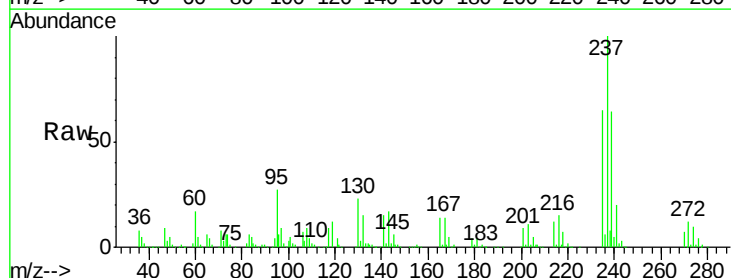
Tgt Ion:237 Resp: 307299

Ion Ratio Lower Upper

237 100

235 64.5 47.2 87.2

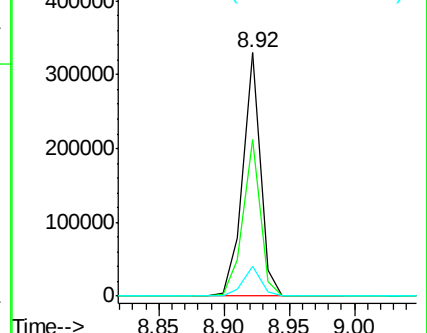
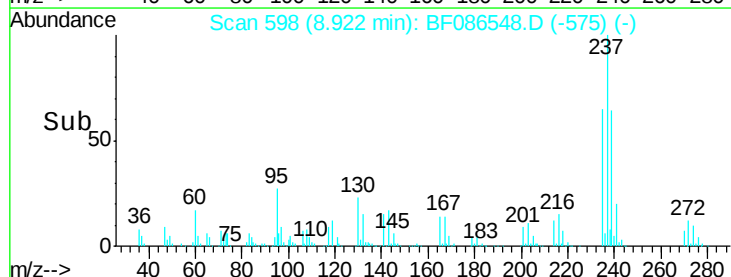
272 12.2 0.0 31.1

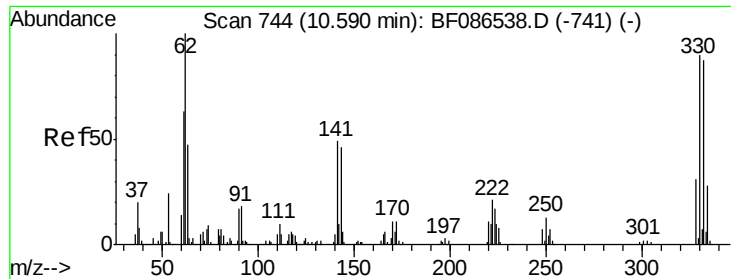


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

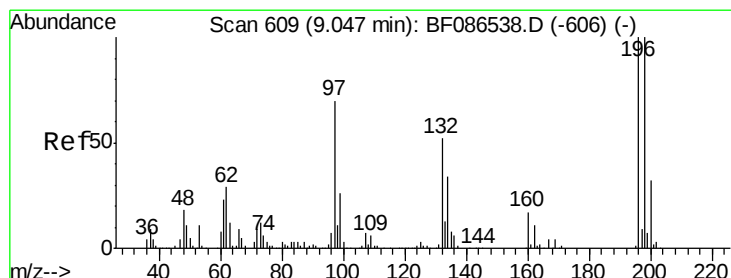
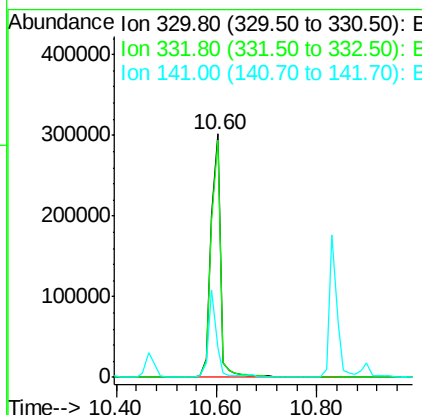
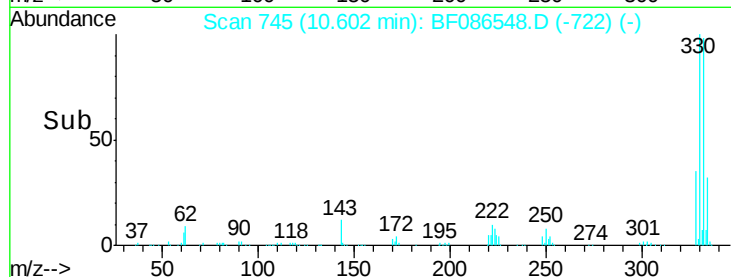
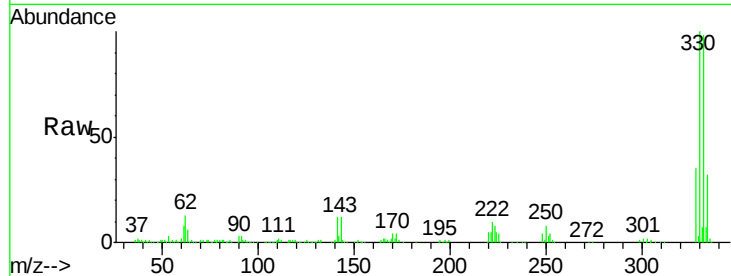




#41
 2,4,6-Tribromophenol
 Concen: 127.85 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

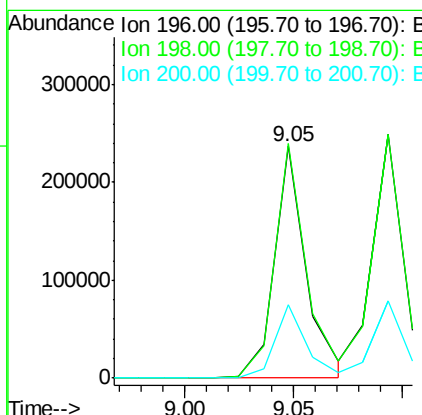
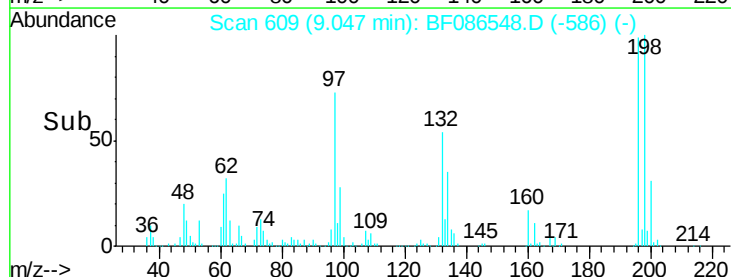
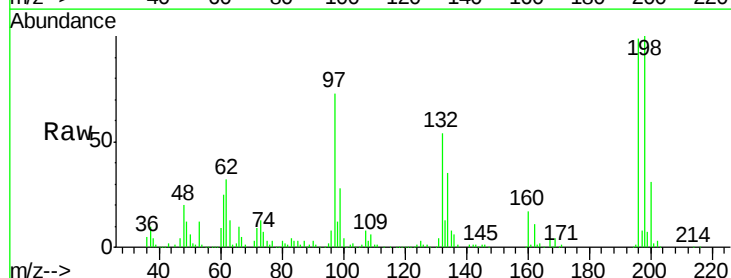
Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

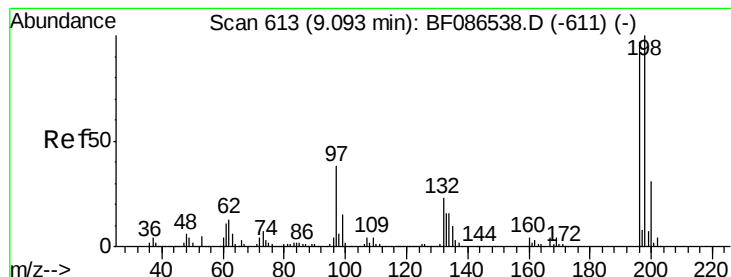
Tgt Ion:330 Resp: 398733
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 29.9 31.2 46.8#



#42
 2,4,6-Trichlorophenol
 Concen: 45.22 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:196 Resp: 241950
 Ion Ratio Lower Upper
 196 100
 198 101.3 74.7 112.1
 200 31.7 23.8 35.6

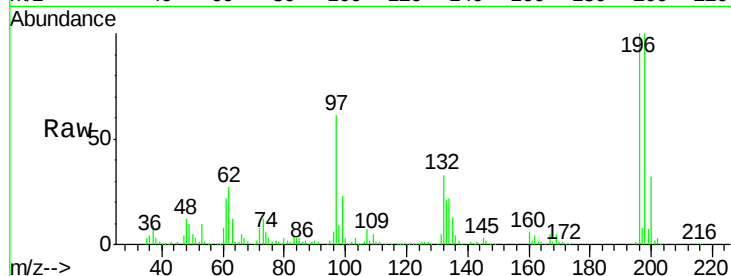




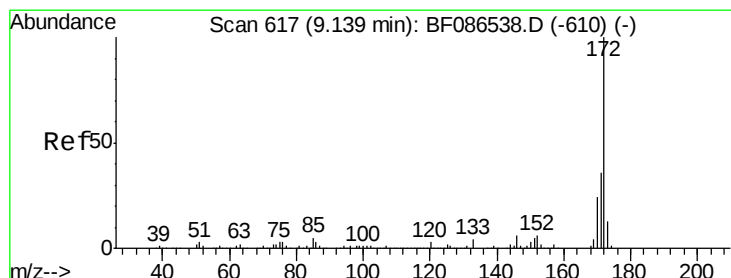
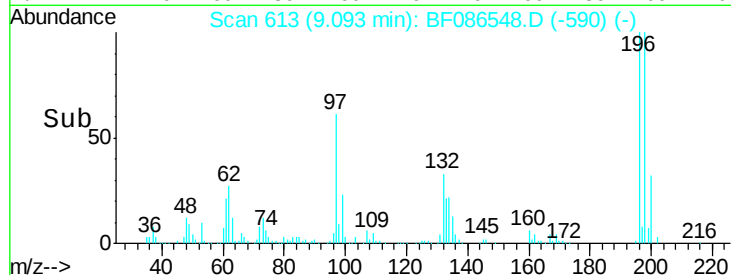
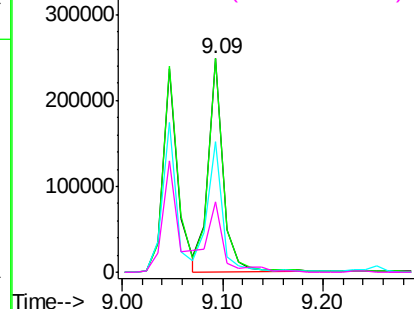
#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tgt Ion:196 Resp: 257002
 Ion Ratio Lower Upper
 196 100
 198 100.1 77.5 116.3
 97 60.9 34.8 52.2#
 132 33.0 23.0 34.4

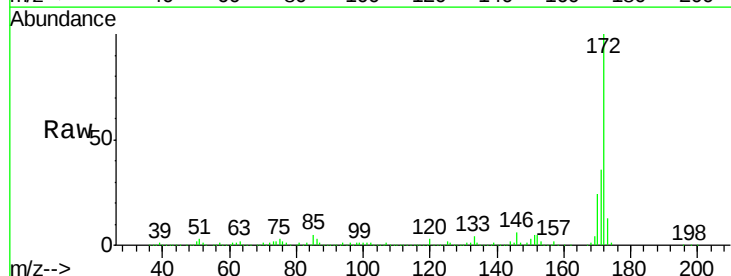


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

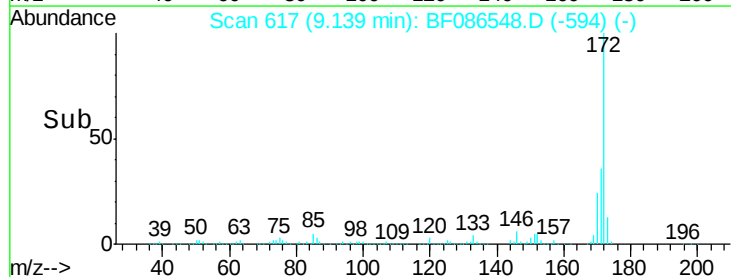
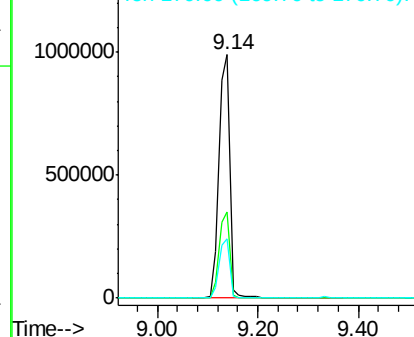


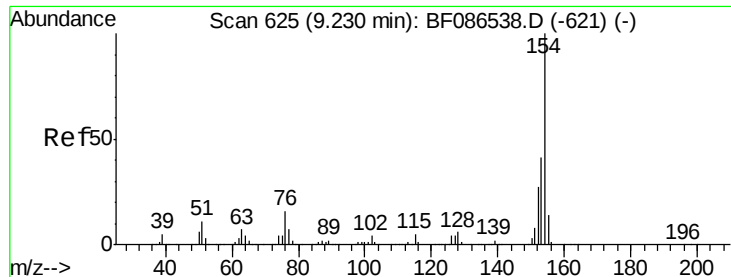
#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:172 Resp: 1469723
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.2 19.8 29.8



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

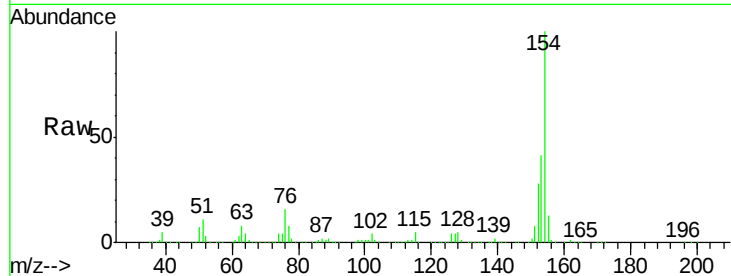




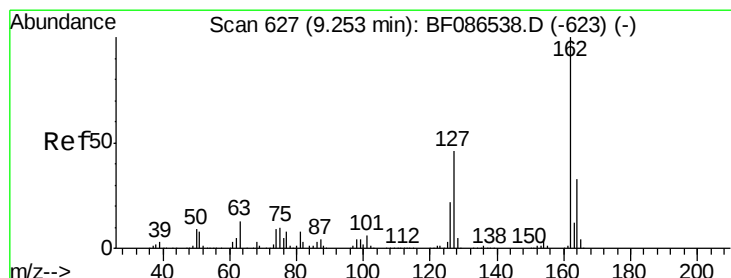
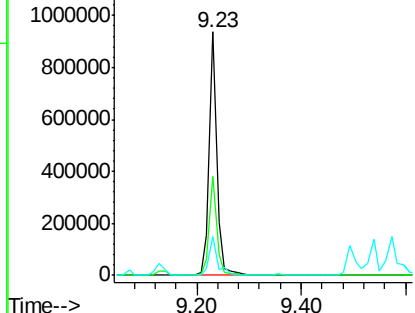
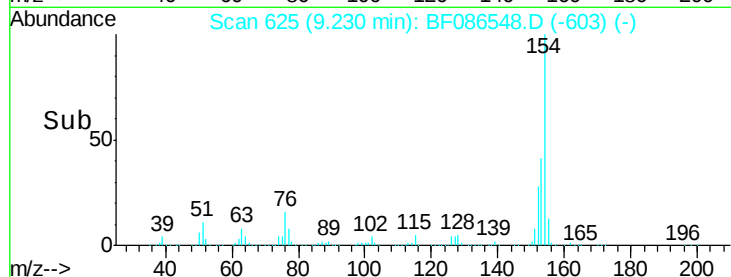
#45
 1,1'-Biphenyl
 Concen: 38.65 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tgt Ion:154 Resp: 955445
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.3 60.3
 76 15.8 0.0 30.2

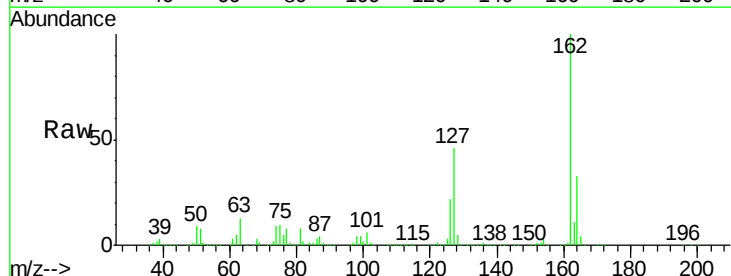


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

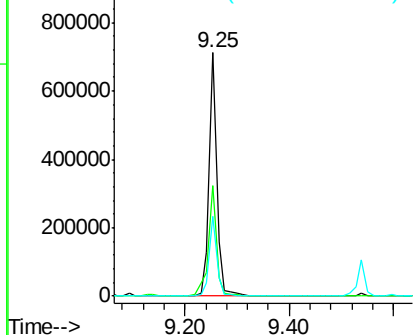
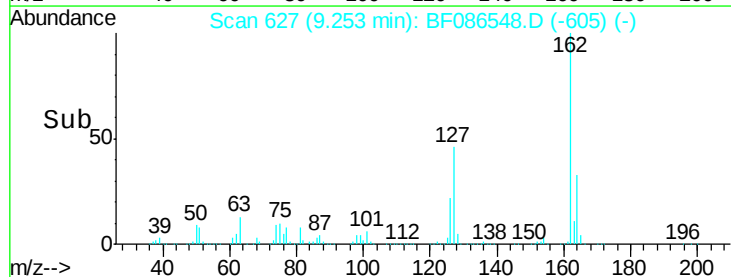


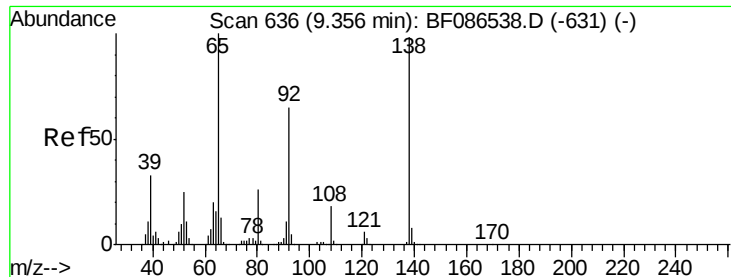
#46
 2-Chloronaphthalene
 Concen: 39.10 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:162 Resp: 734906
 Ion Ratio Lower Upper
 162 100
 127 45.5 31.8 47.6
 164 32.7 27.0 40.6



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

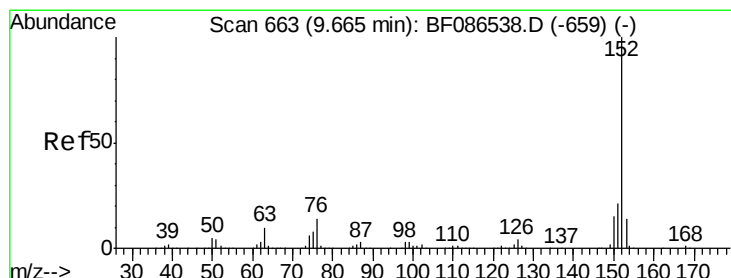
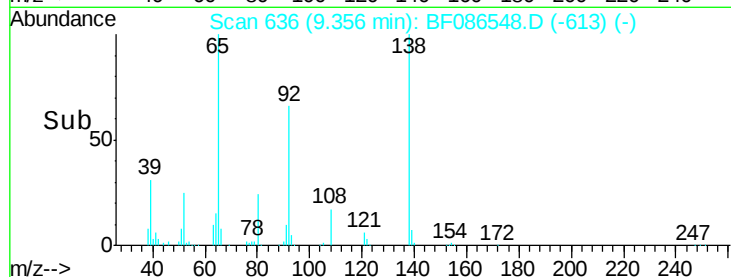
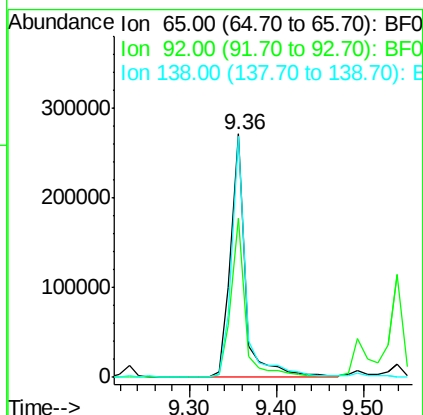
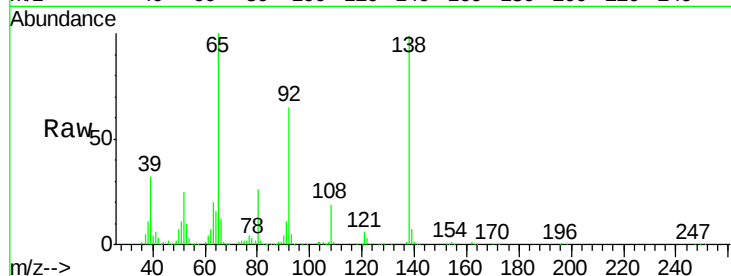




#47
2-Nitroaniline
Concen: 54.39 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

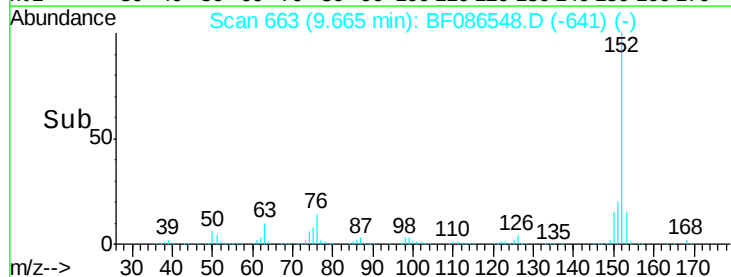
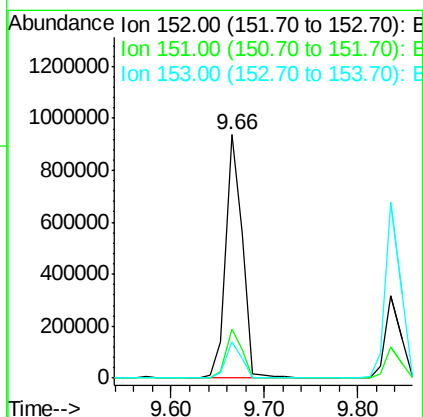
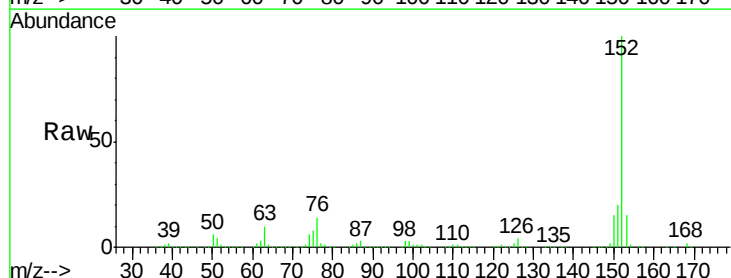
Instrument :
BNA_F
ClientSampleId :
SS5MSD

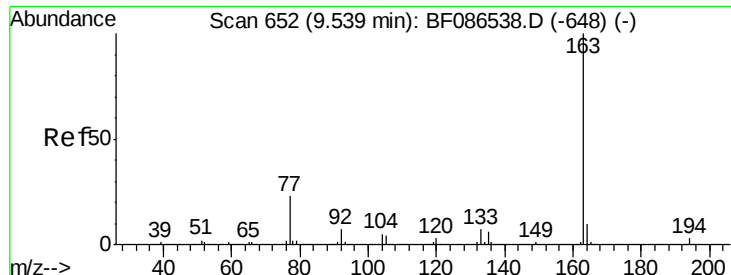
Tgt Ion: 65 Resp: 327835
Ion Ratio Lower Upper
65 100
92 65.3 57.4 86.2
138 98.8 90.1 135.1



#48
Acenaphthylene
Concen: 39.48 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion: 152 Resp: 1159900
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.7 10.9 16.3

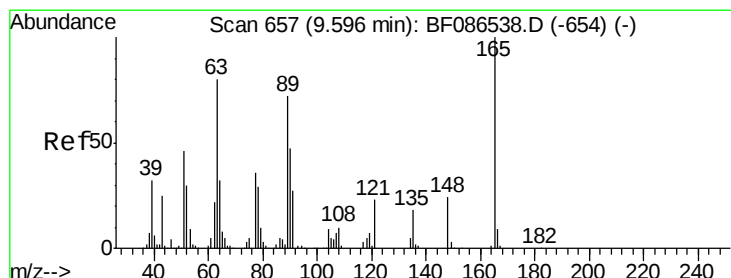
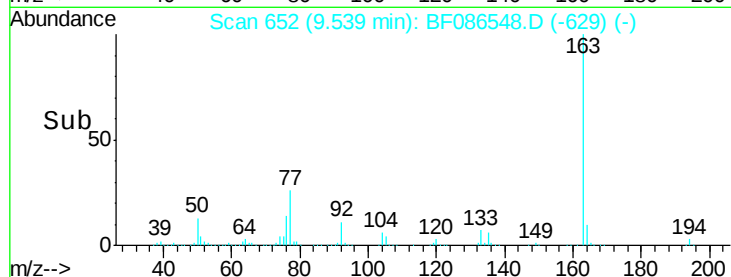
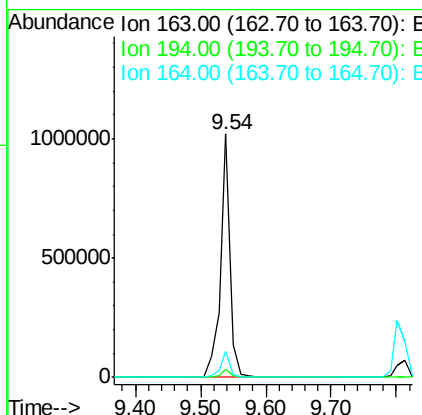
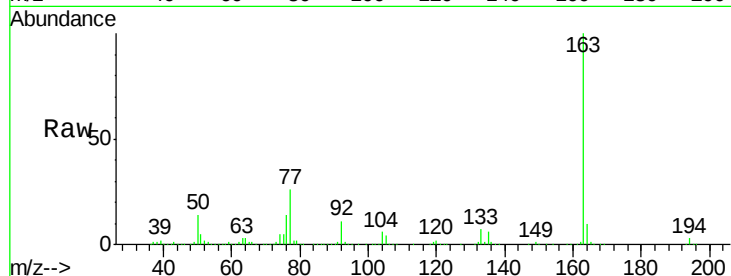




#49
Dimethylphthalate
Concen: 47.79 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

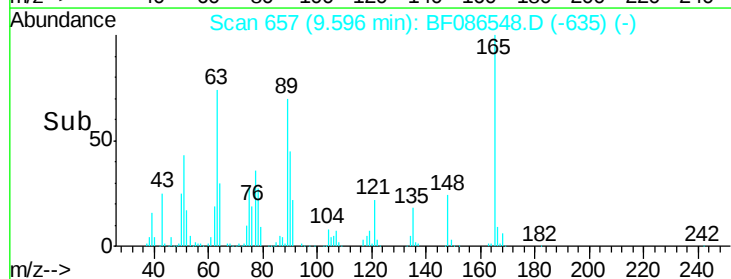
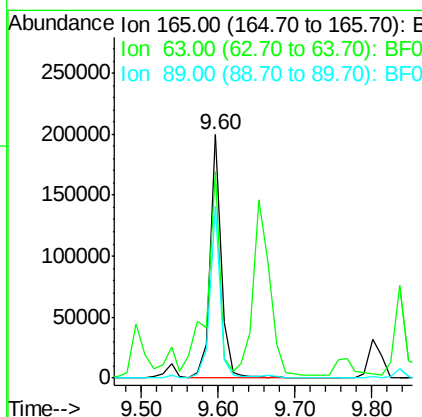
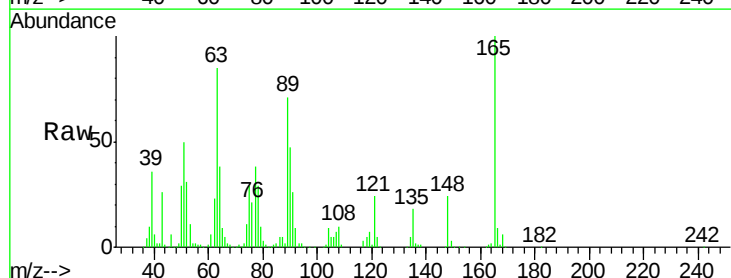
Instrument :
BNA_F
ClientSampled :
SS5MSD

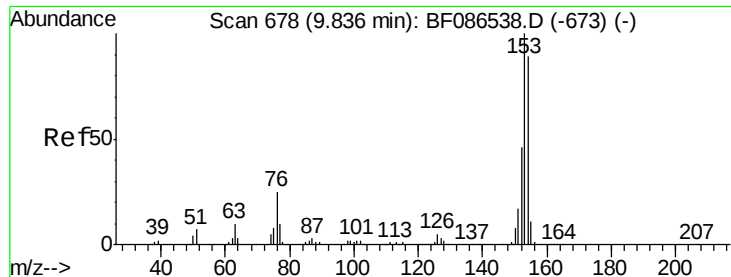
Tgt Ion:163 Resp: 1063974
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 43.43 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:165 Resp: 199771
Ion Ratio Lower Upper
165 100
63 84.9 51.8 77.8#
89 70.9 50.7 76.1





#51

Acenaphthene

Concen: 40.40 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

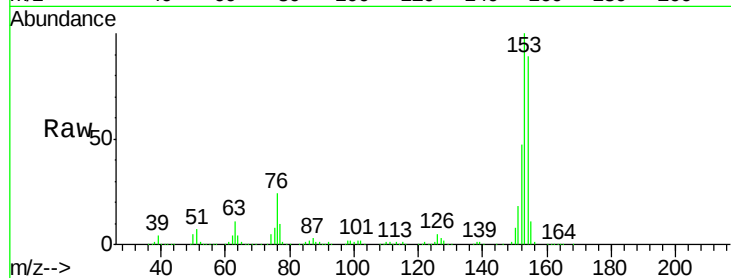
Tgt Ion:154 Resp: 762379

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

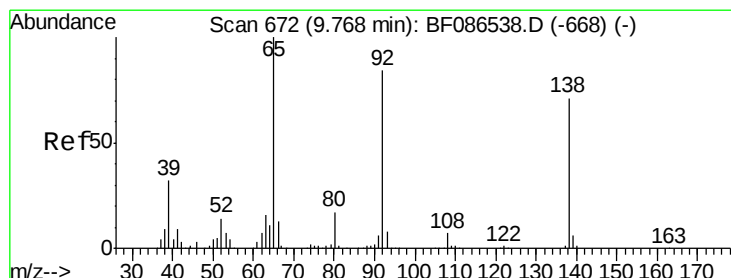
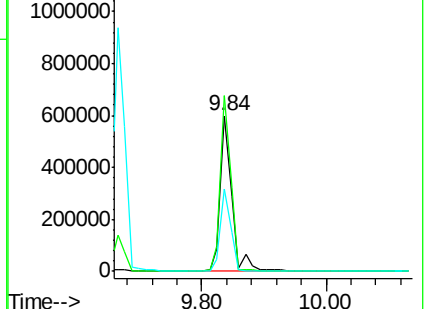
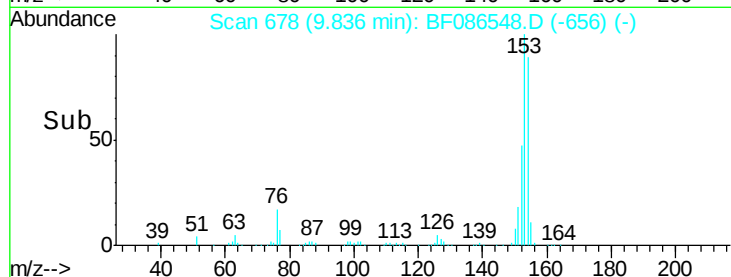
152 52.9 43.4 65.0



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: 24.29 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

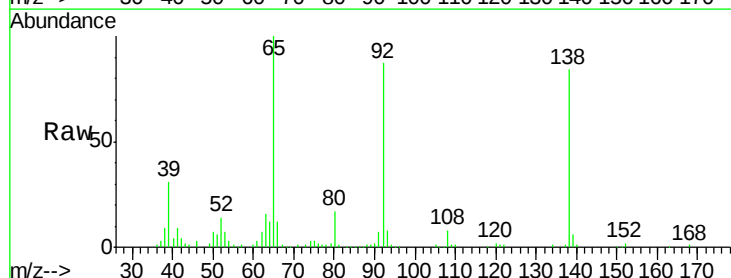
Tgt Ion:138 Resp: 127071

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

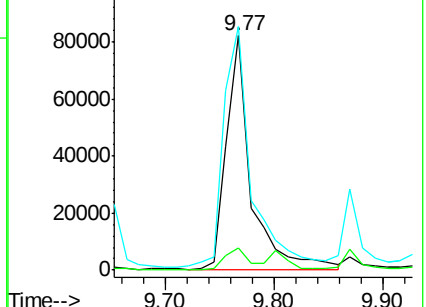
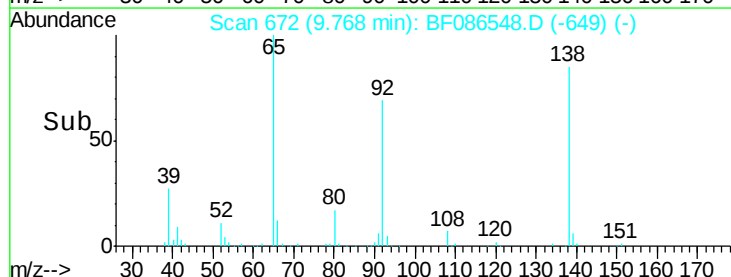
92 103.9 87.8 131.8

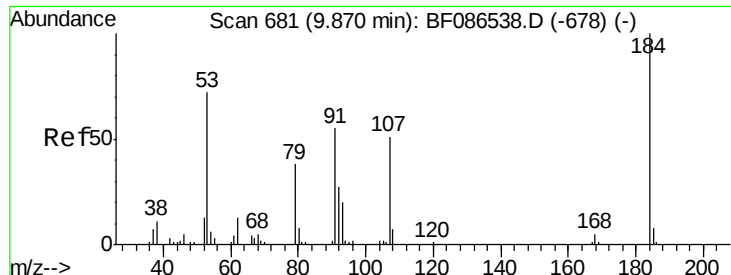


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

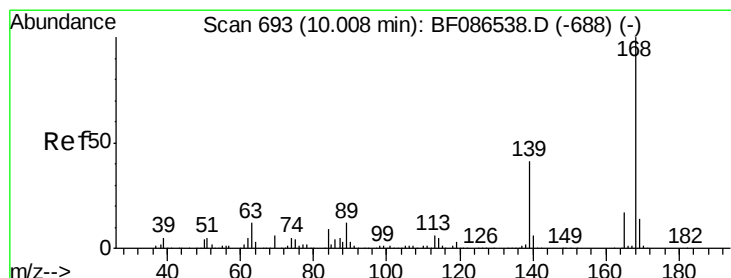
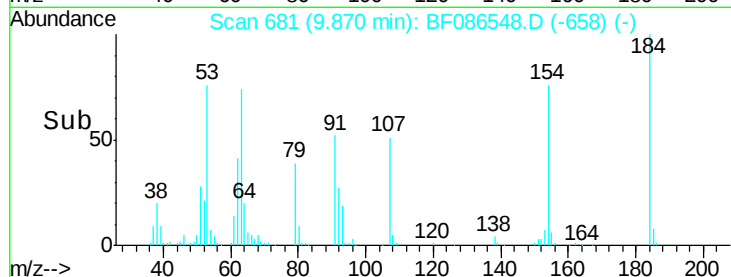
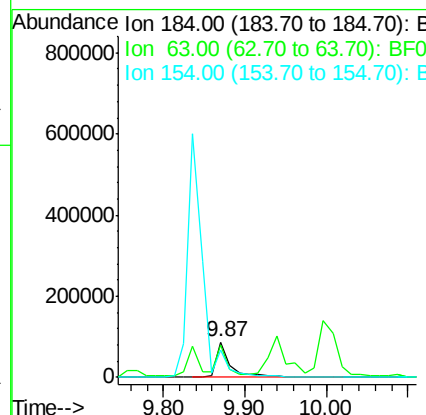
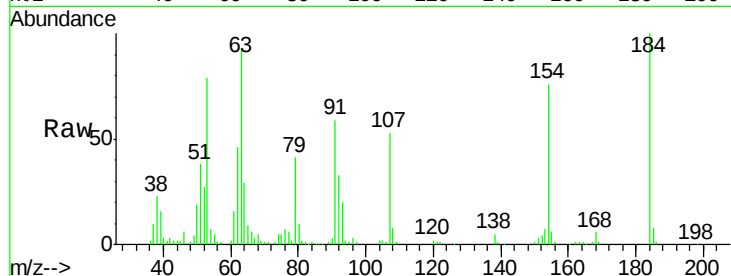




#53
2,4-Dinitrophenol
Concen: 47.04 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

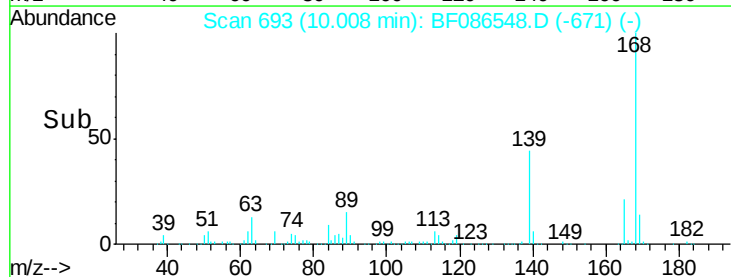
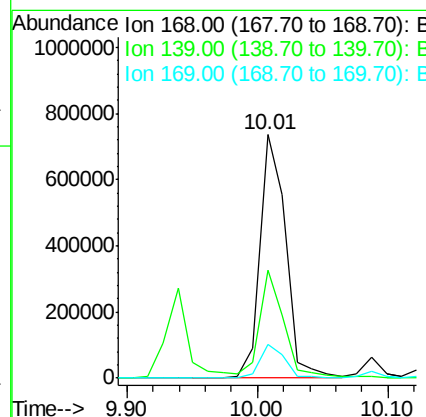
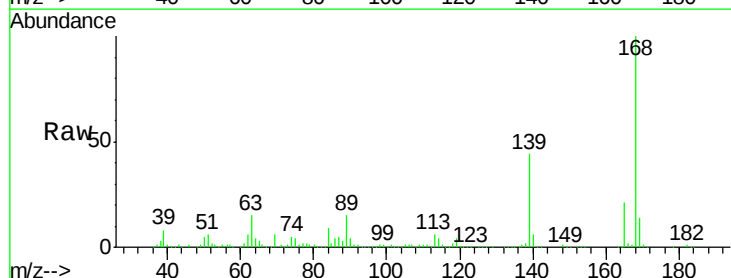
Instrument :
BNA_F
ClientSampleId :
SS5MSD

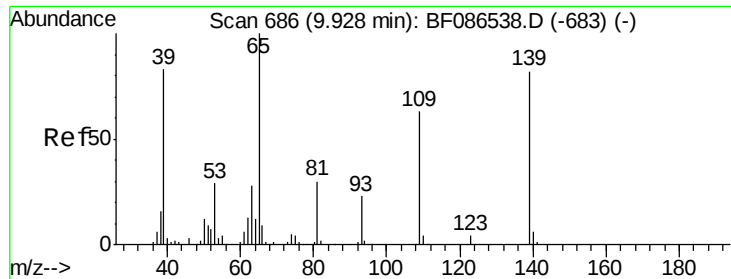
Tgt Ion:184 Resp: 109303
Ion Ratio Lower Upper
184 100
63 93.4 55.8 83.8#
154 76.3 62.4 93.6



#54
Dibenzofuran
Concen: 43.04 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:168 Resp: 1014959
Ion Ratio Lower Upper
168 100
139 44.1 31.4 47.0
169 13.9 10.7 16.1

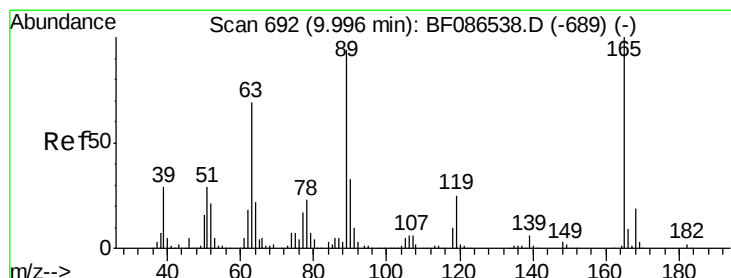
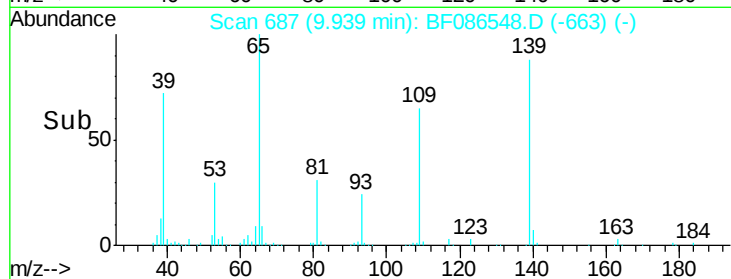
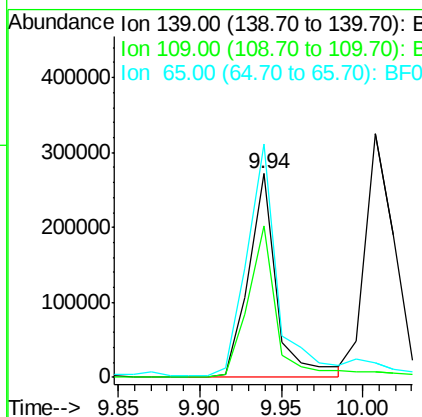
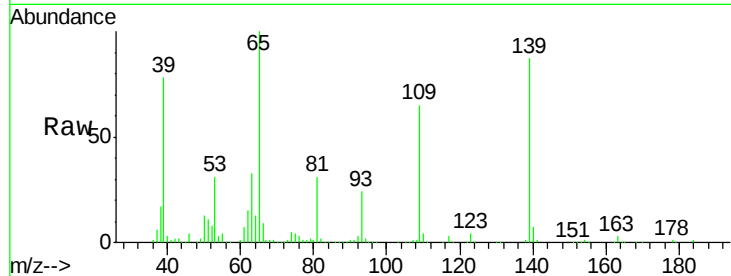




#55
4-Nitrophenol
Concen: 95.67 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

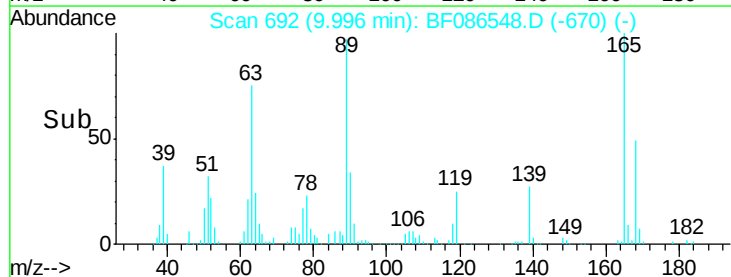
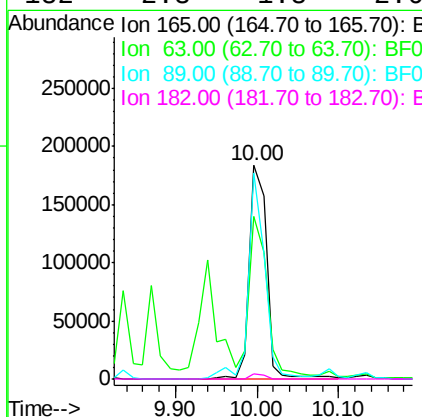
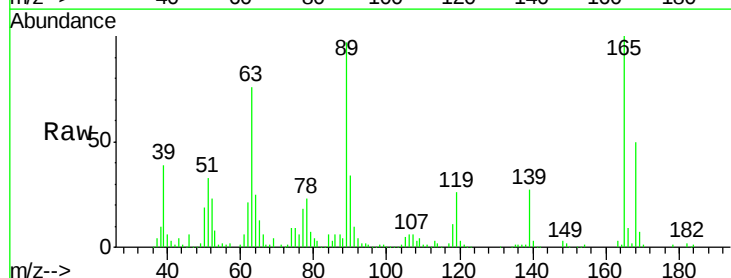
Instrument :
BNA_F
ClientSampleId :
SS5MSD

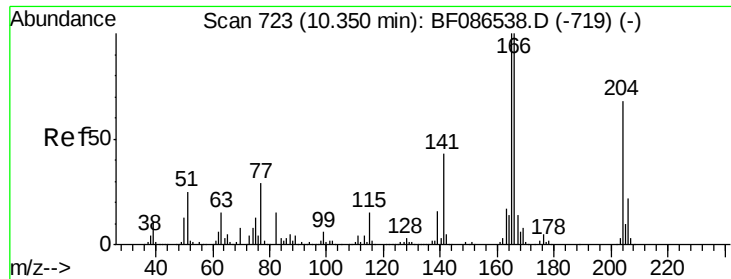
Tgt Ion:139 Resp: 327666
Ion Ratio Lower Upper
139 100
109 74.5 36.9 76.9
65 114.3 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 46.19 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:165 Resp: 270801
Ion Ratio Lower Upper
165 100
63 75.9 44.3 66.5#
89 96.6 70.0 105.0
182 2.3 1.8 2.6

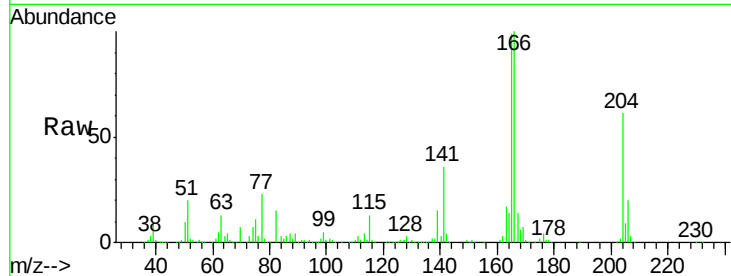




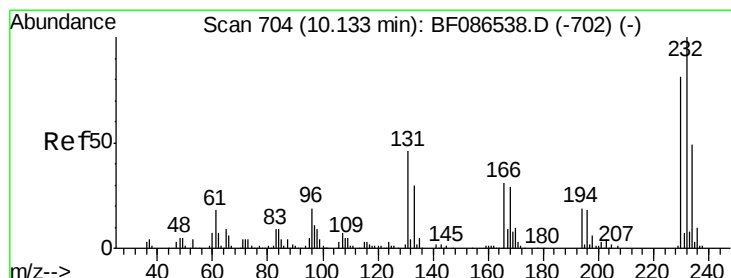
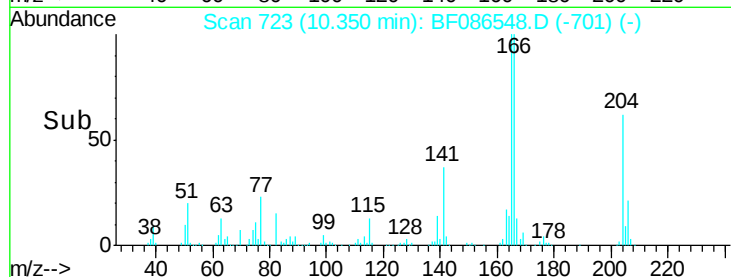
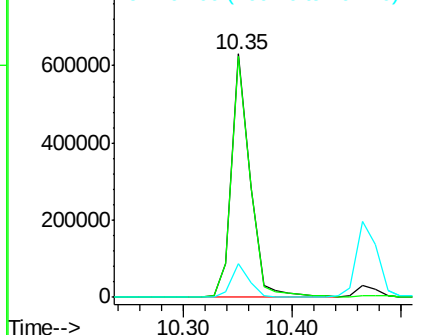
#57
Fluorene
 Concen: 36.18 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tgt Ion:166 Resp: 740880
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.0 118.6
 167 13.8 10.6 15.8

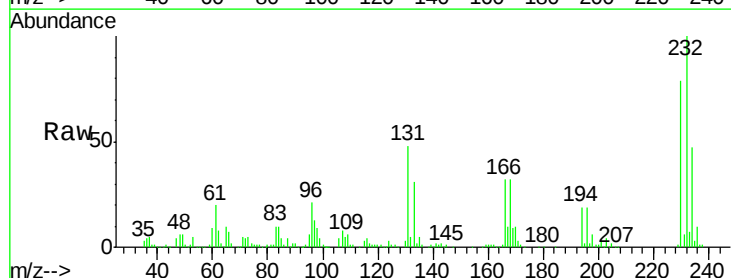


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

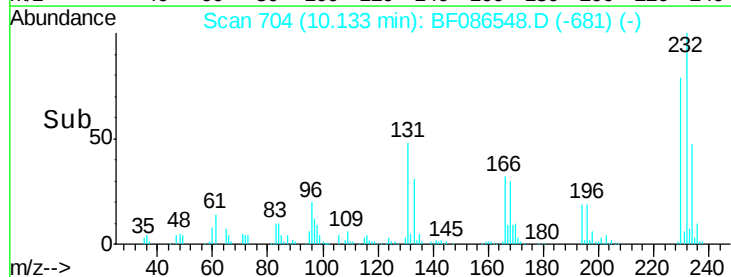
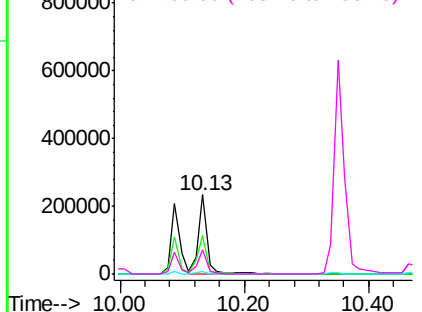


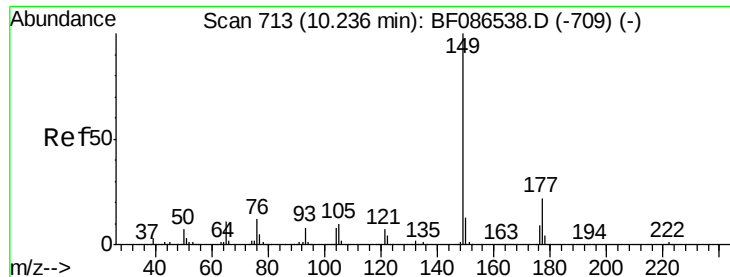
#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.90 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:232 Resp: 232091
 Ion Ratio Lower Upper
 232 100
 131 50.9 41.9 62.9
 130 2.5 2.2 3.4
 166 31.2 26.8 40.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

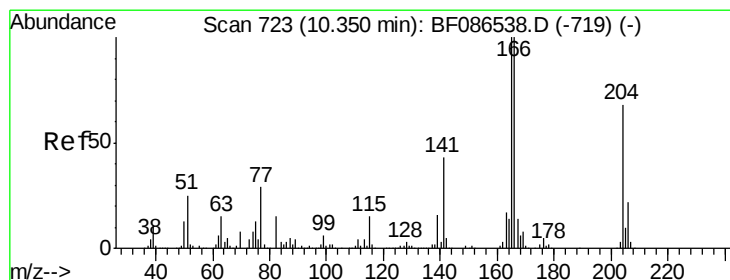
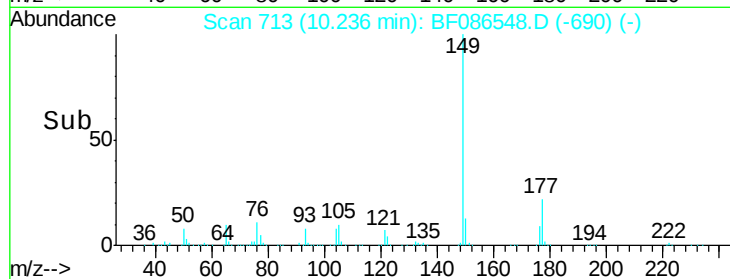
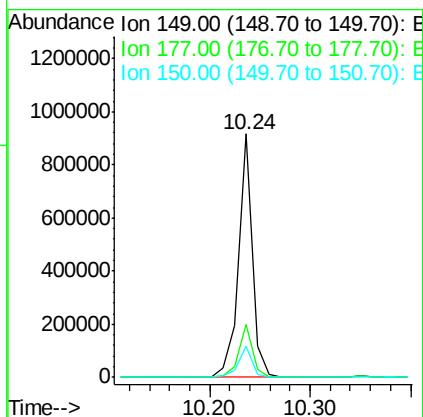
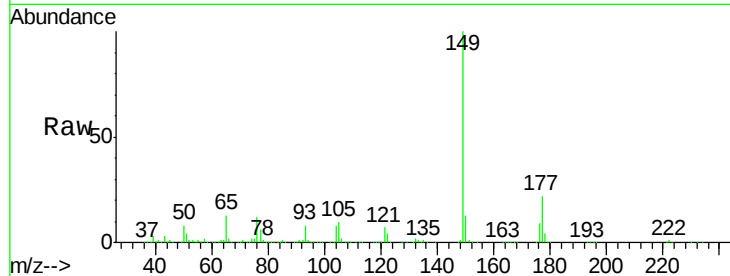




#59
Diethylphthalate
Concen: 41.69 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

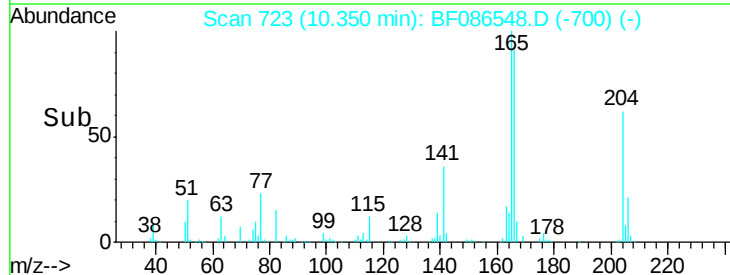
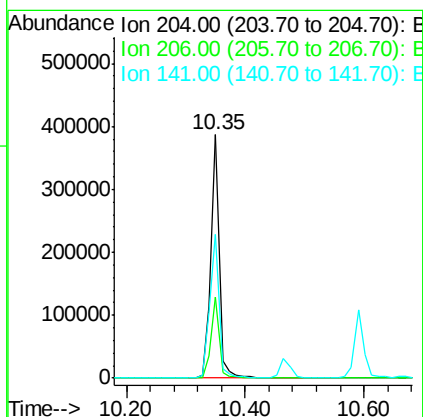
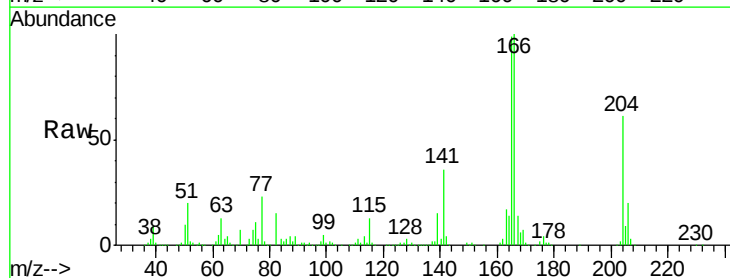
Instrument :
BNA_F
ClientSampleId :
SS5MSD

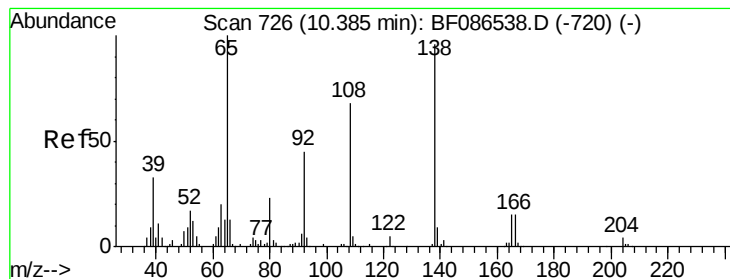
Tgt Ion:149 Resp: 878706
Ion Ratio Lower Upper
149 100
177 21.7 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 41.36 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:204 Resp: 384476
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 59.1 61.6 92.4#





#61

4-Nitroaniline

Concen: 47.15 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

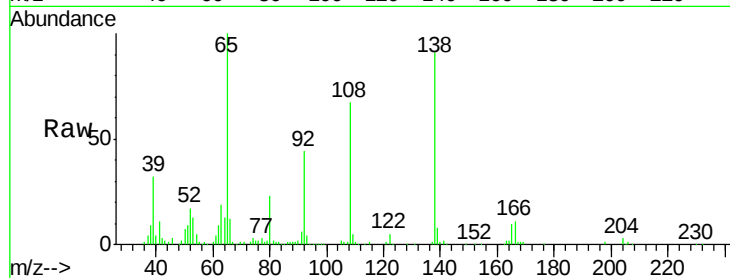
Tgt Ion:138 Resp: 241080

Ion Ratio Lower Upper

138 100

92 48.0 24.7 64.7

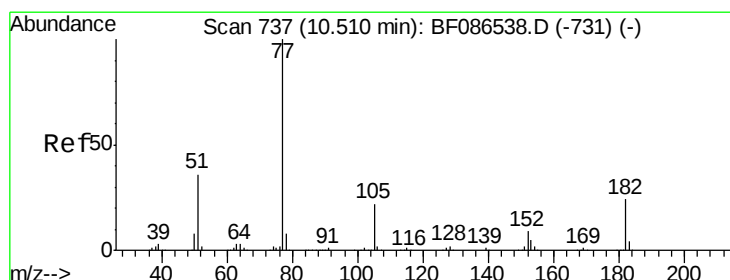
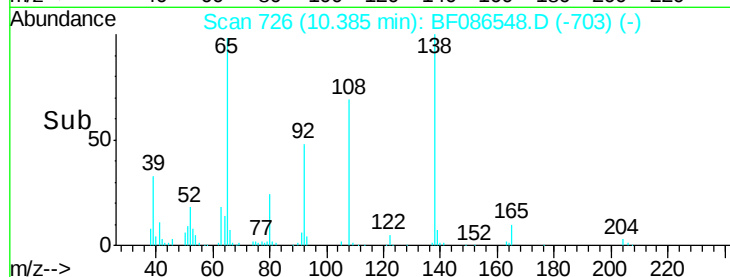
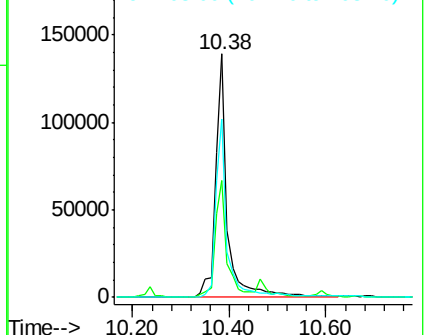
108 73.1 37.4 77.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.99 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Tgt Ion: 77 Resp: 1084800

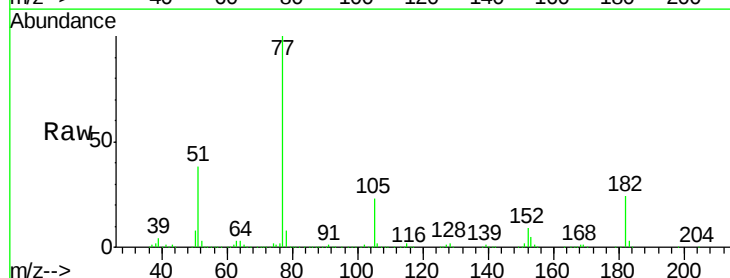
Ion Ratio Lower Upper

77 100

182 24.5 0.0 38.8

105 22.9 3.2 43.2

51 37.6 8.8 48.8

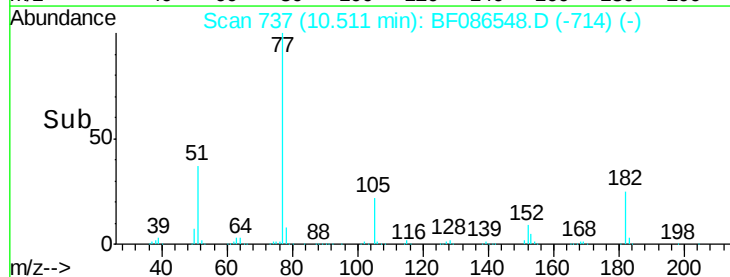
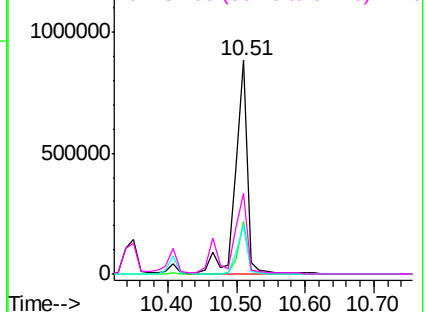


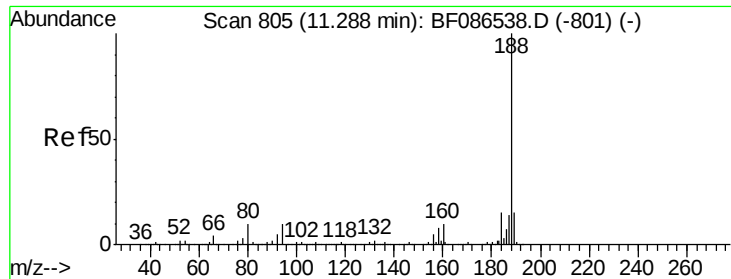
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

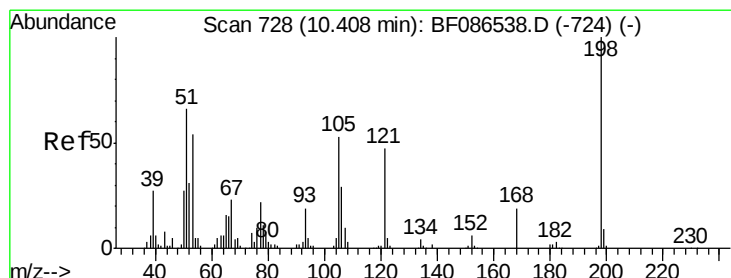
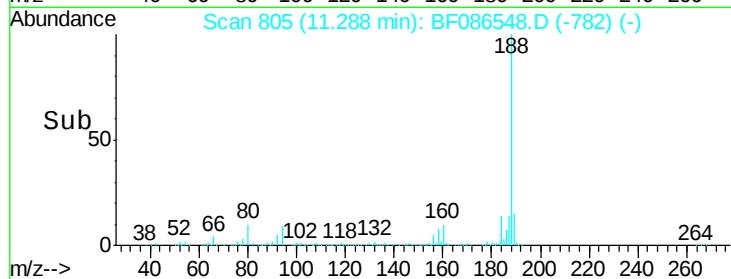
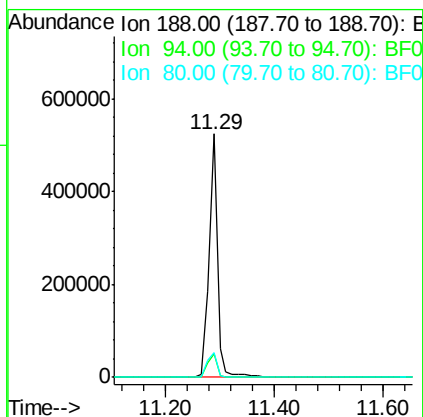
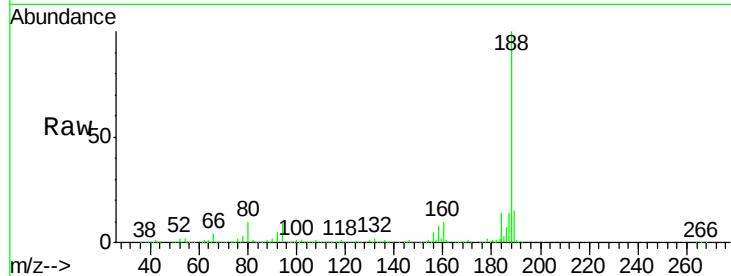




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

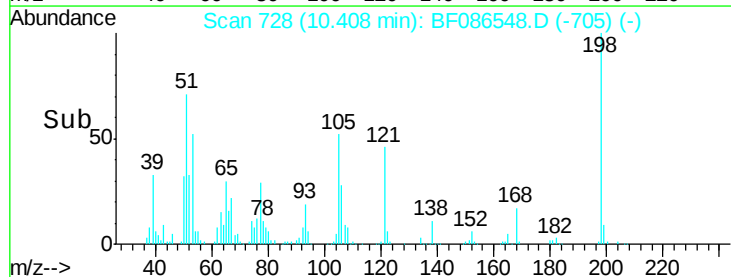
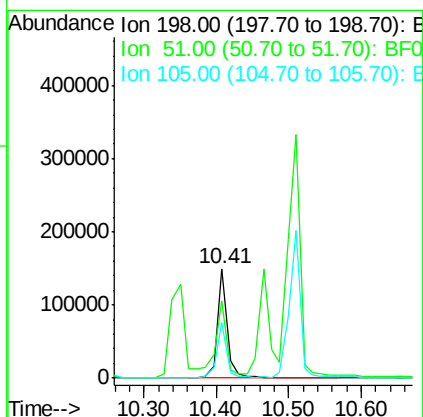
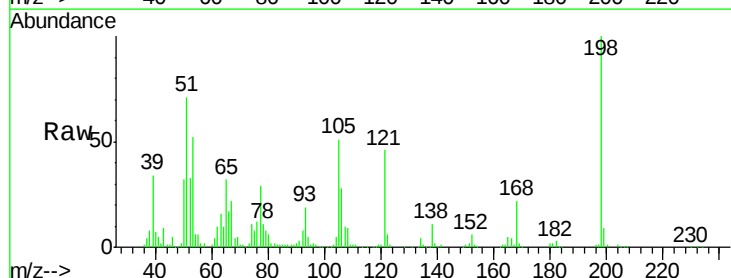
Instrument :
BNA_F
ClientSampleId :
SS5MSD

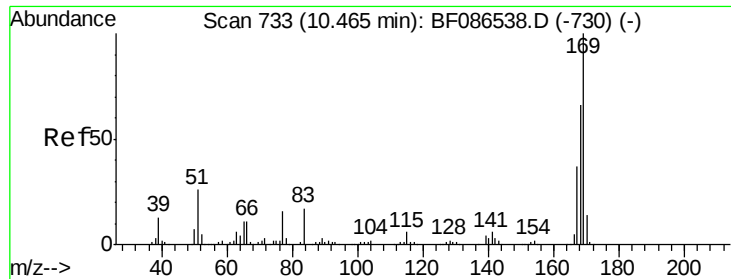
Tgt Ion:188 Resp: 567401
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 10.0 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 42.94 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:198 Resp: 143026
Ion Ratio Lower Upper
198 100
51 70.9 20.5 60.5#
105 51.2 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 40.61 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

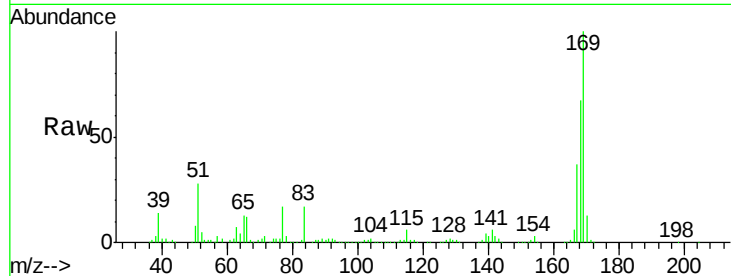
Tgt Ion:169 Resp: 720069

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

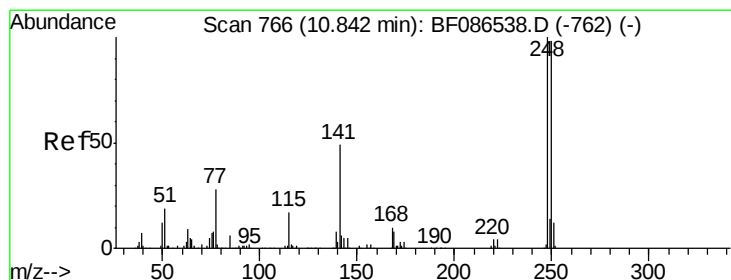
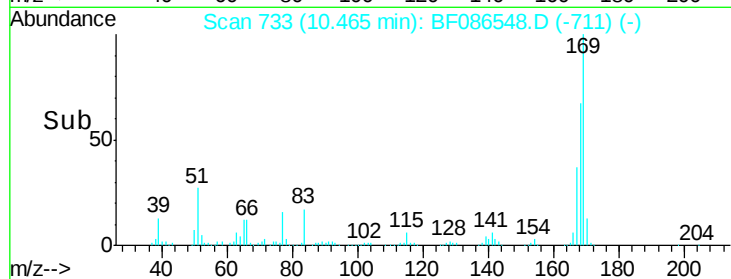
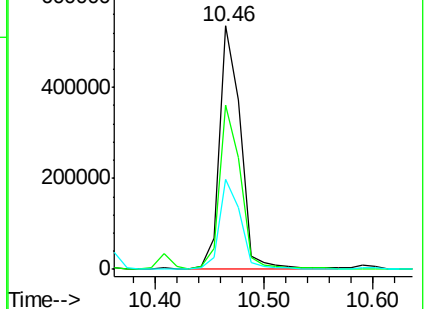
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.16 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

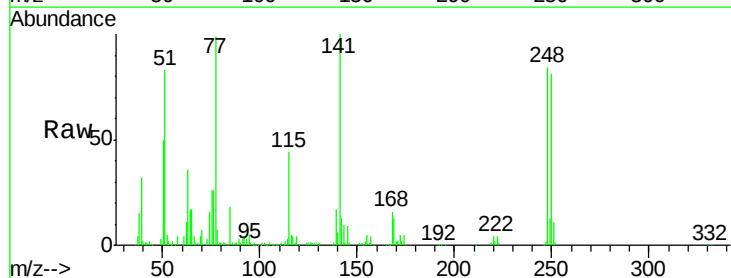
Tgt Ion:248 Resp: 234831

Ion Ratio Lower Upper

248 100

250 96.0 78.6 117.8

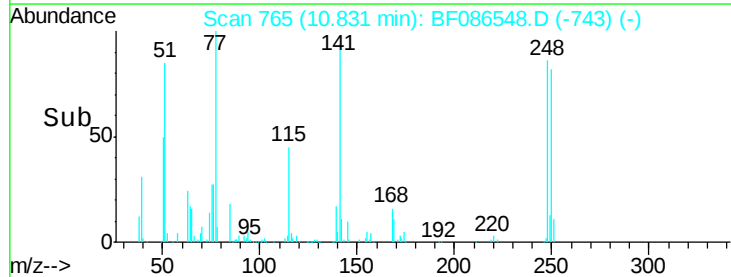
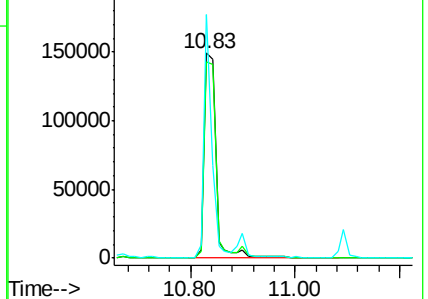
141 118.8 76.0 114.0#

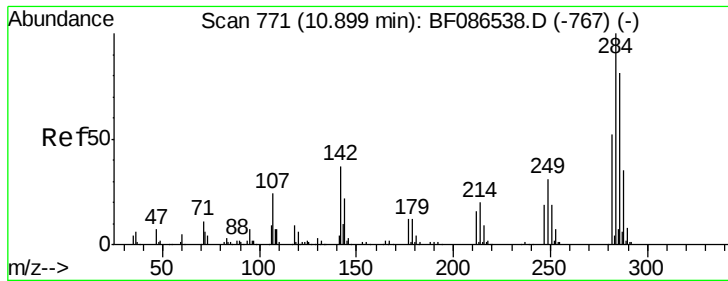


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.85 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

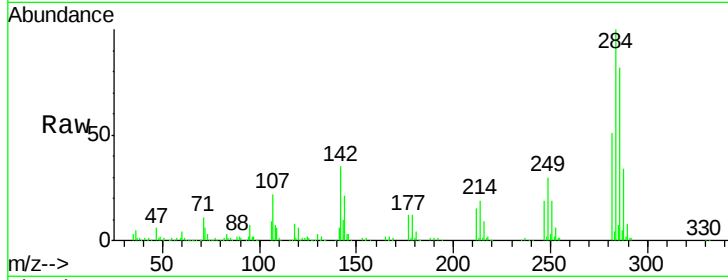
Tgt Ion:284 Resp: 262905

Ion Ratio Lower Upper

284 100

142 35.3 16.7 25.1#

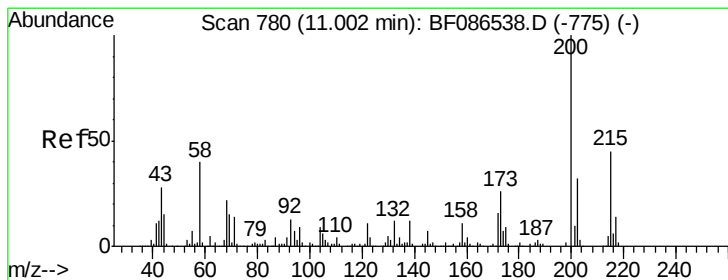
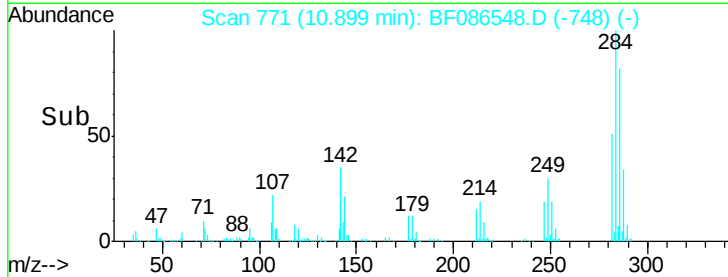
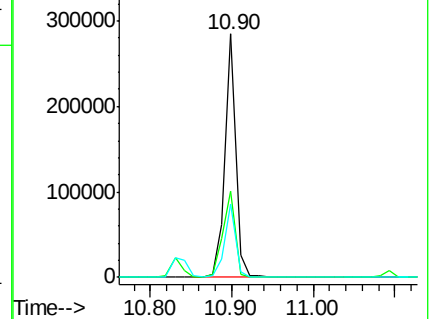
249 30.4 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.25 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

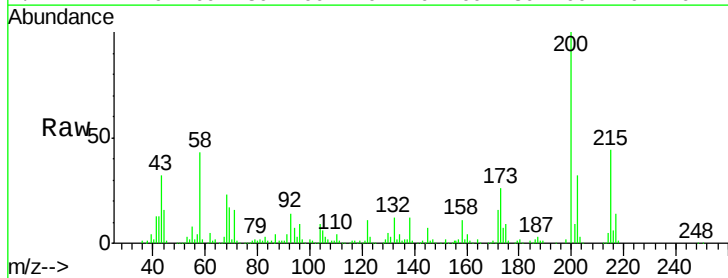
Tgt Ion:200 Resp: 267590

Ion Ratio Lower Upper

200 100

173 26.4 8.5 48.5

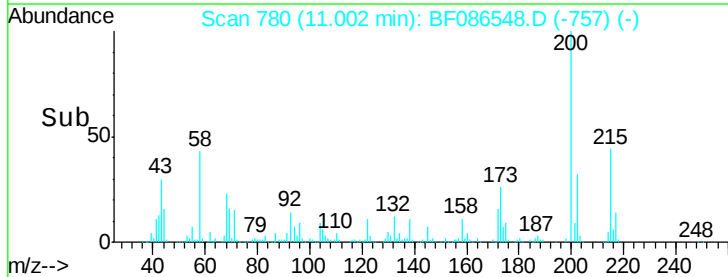
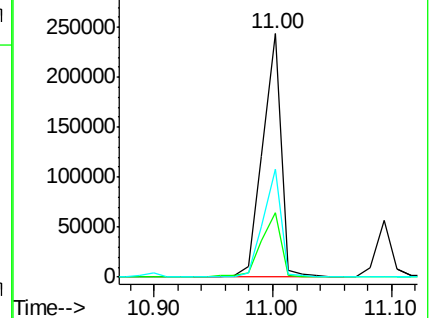
215 44.1 27.2 67.2

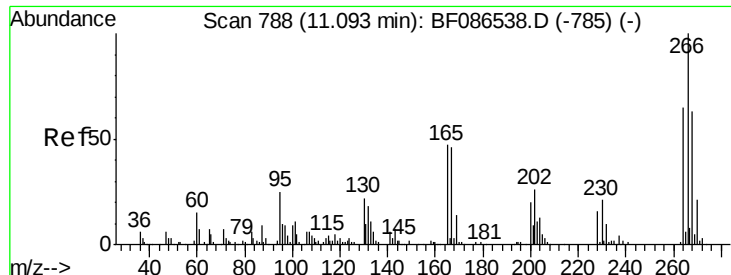


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

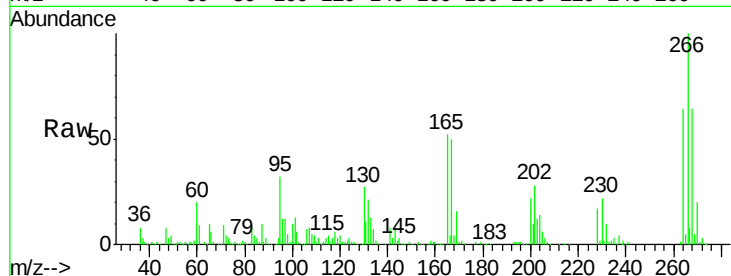




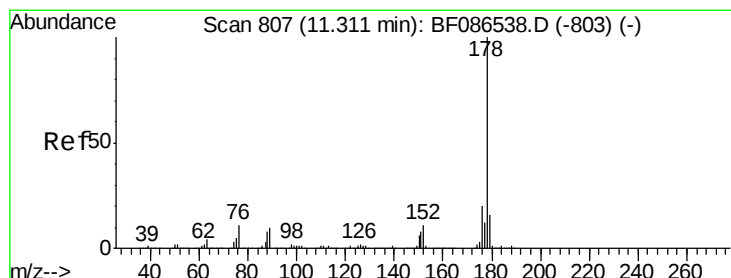
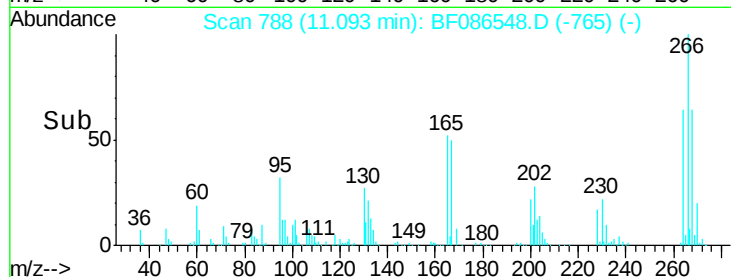
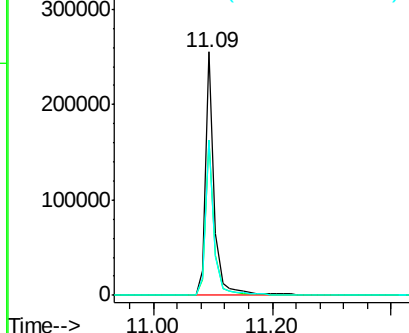
#69
 Pentachlorophenol
 Concen: 75.50 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

Tgt Ion:266 Resp: 269392
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.5 77.3
 264 63.6 52.9 79.3

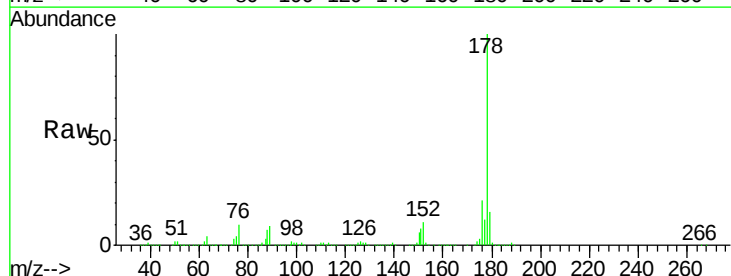


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

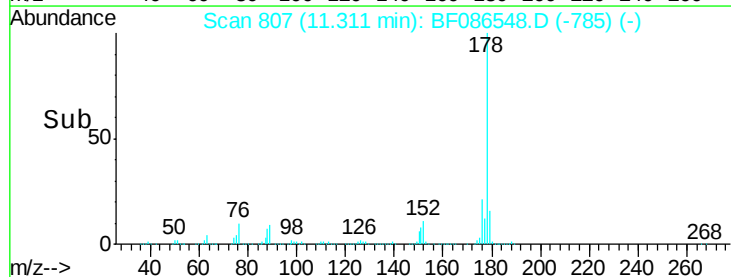
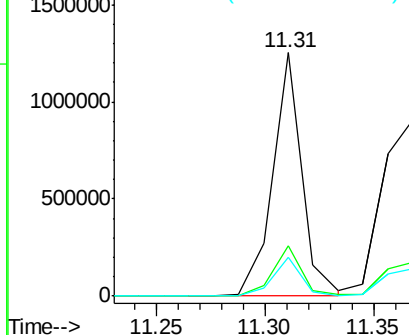


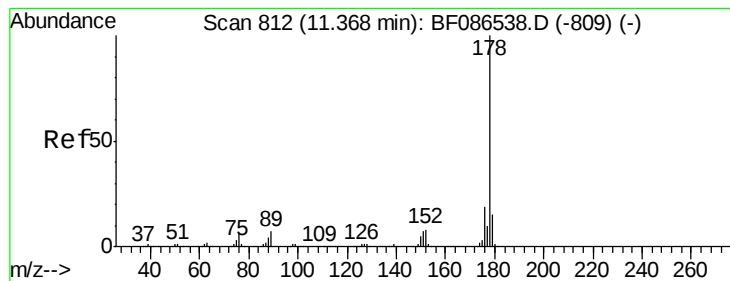
#70
 Phenanthrene
 Concen: 39.79 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:178 Resp: 1184722
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 15.8 12.6 18.8



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: 41.31 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

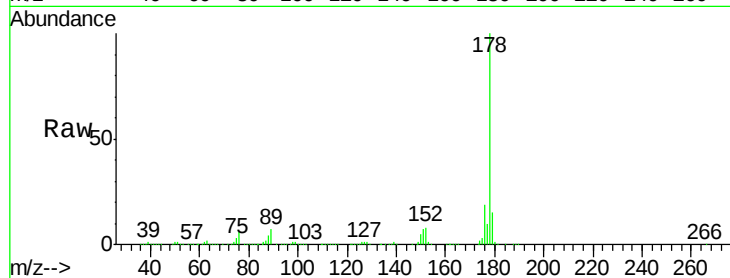
Tgt Ion:178 Resp: 1312669

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

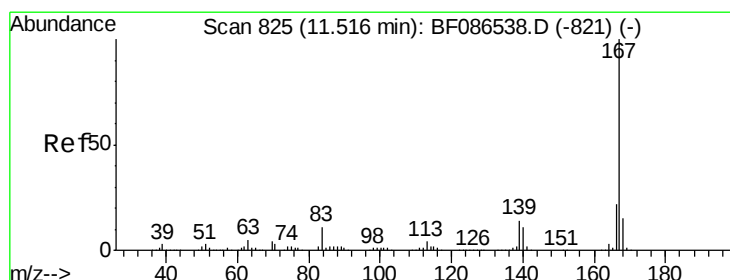
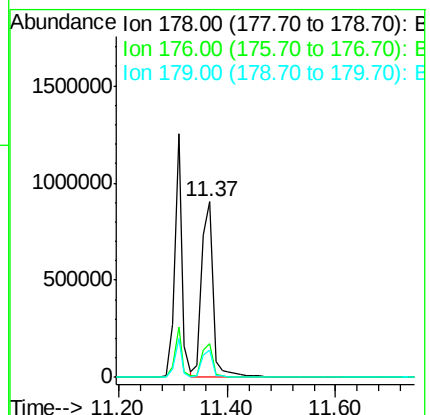
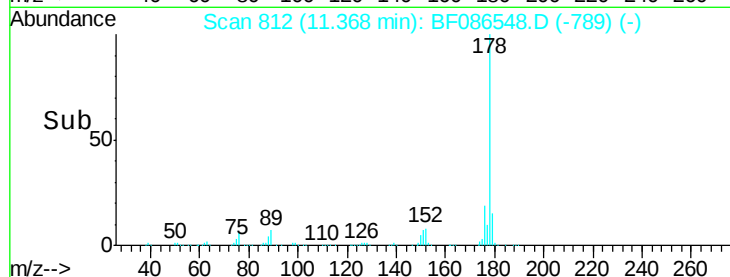
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.97 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

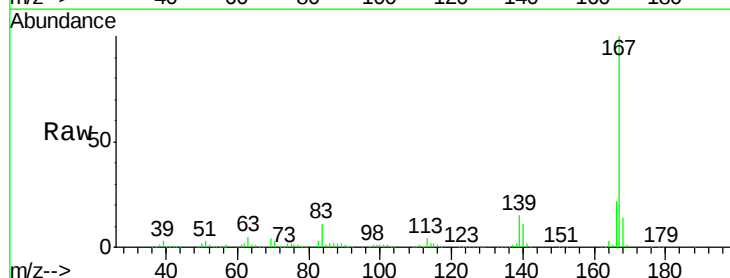
Tgt Ion:167 Resp: 1182034

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

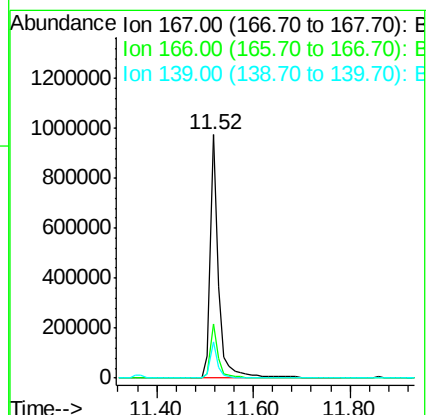
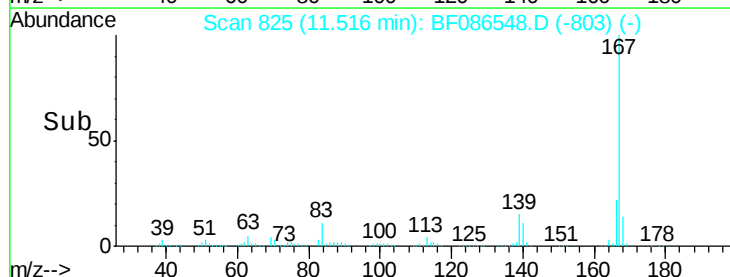
139 14.7 10.8 16.2

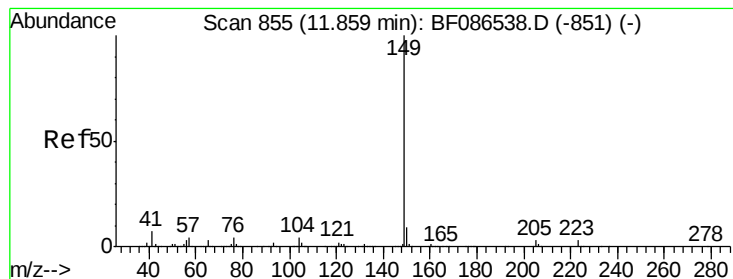


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.01 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

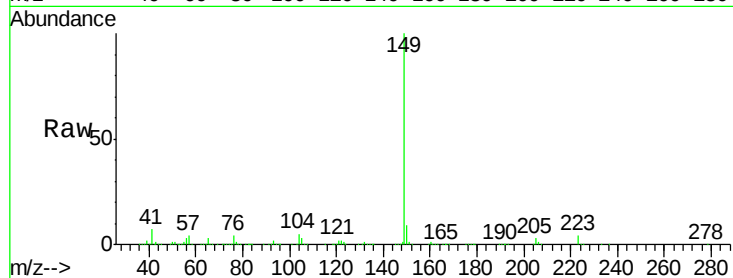
Tgt Ion:149 Resp: 1372413

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

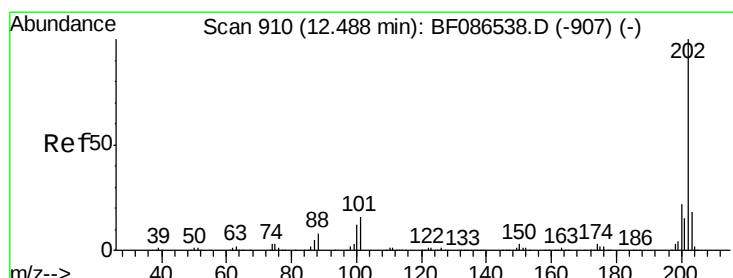
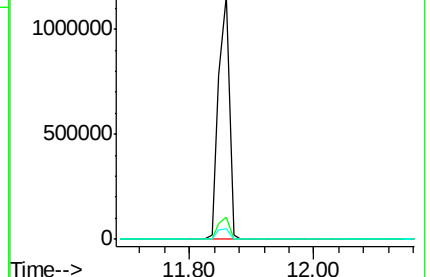
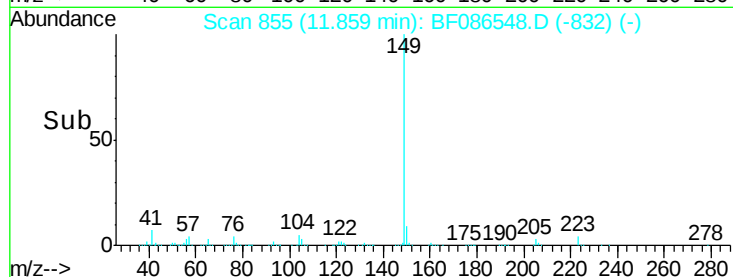
104 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.88 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

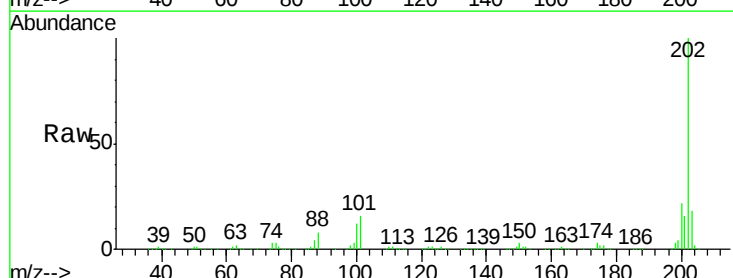
Tgt Ion:202 Resp: 1228665

Ion Ratio Lower Upper

202 100

101 15.8 0.0 35.4

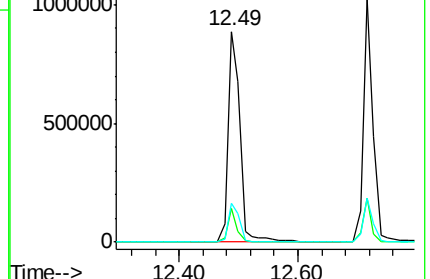
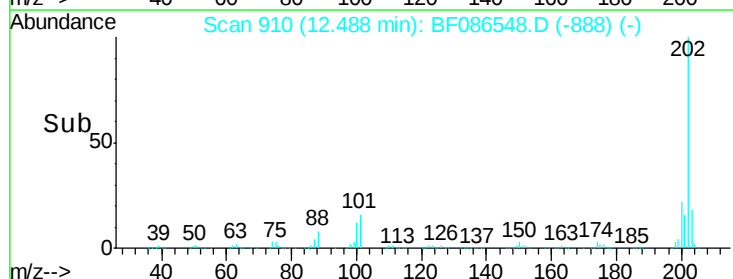
203 18.4 0.0 38.1

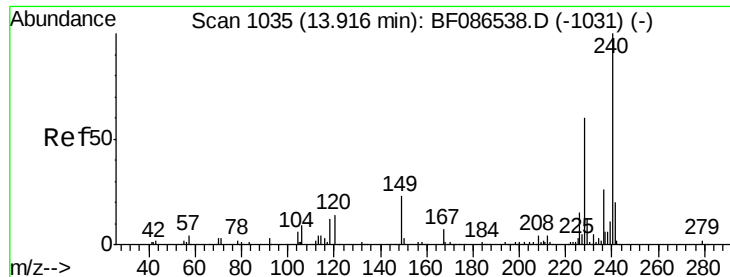


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampled :

SS5MSD

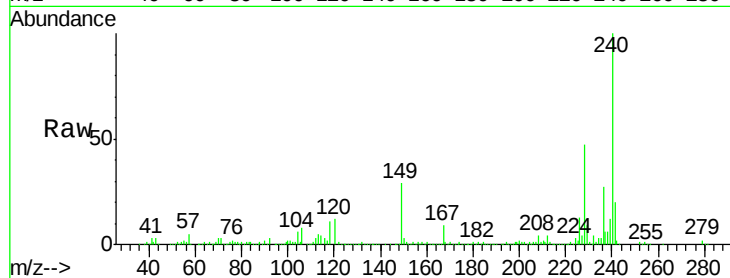
Tgt Ion:240 Resp: 388862

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

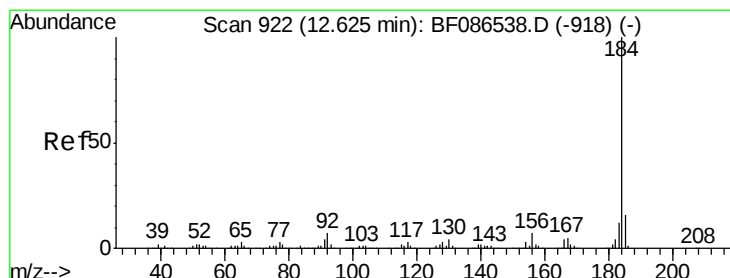
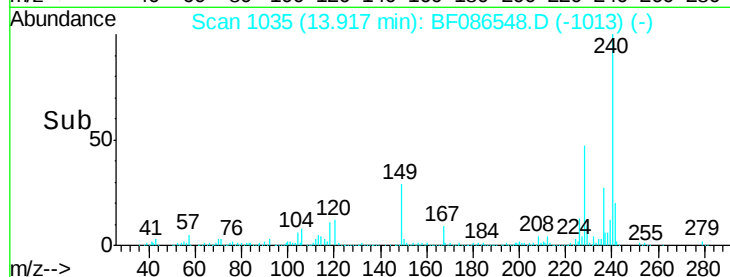
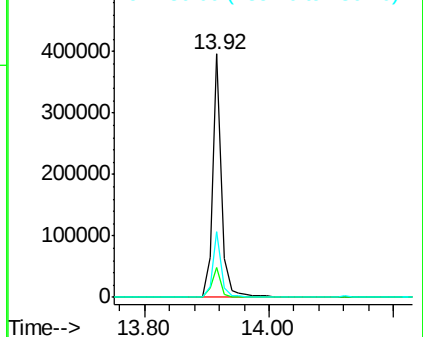
236 26.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.52 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

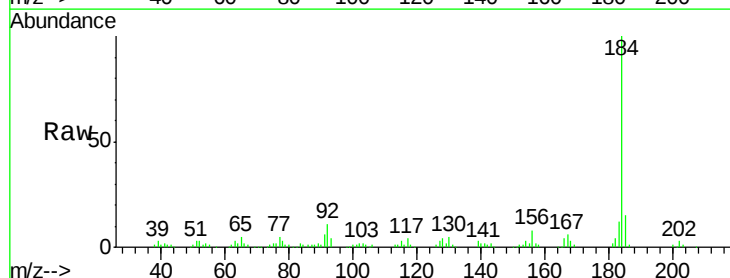
Tgt Ion:184 Resp: 260823

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

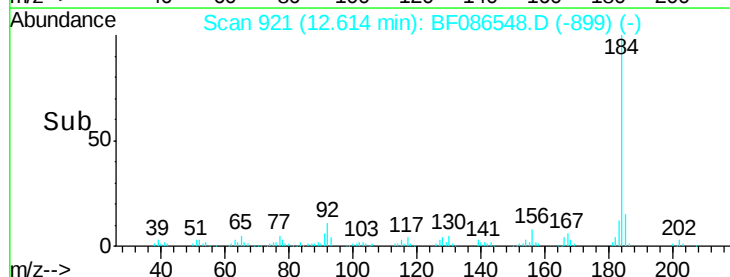
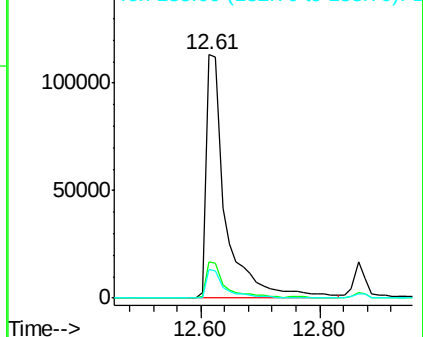
183 11.7 9.8 14.6

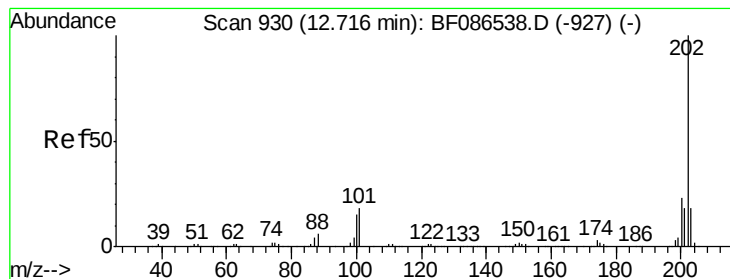


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.24 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

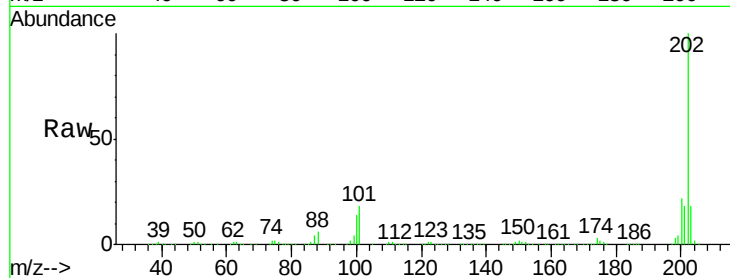
Tgt Ion:202 Resp: 1155561

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

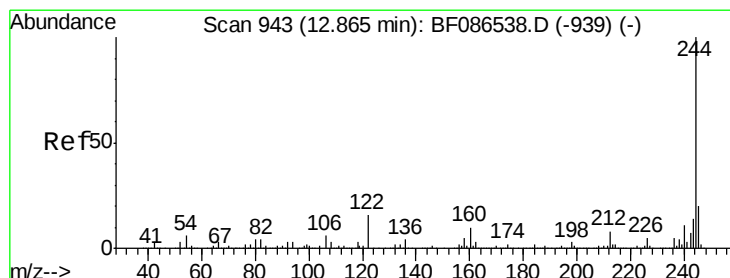
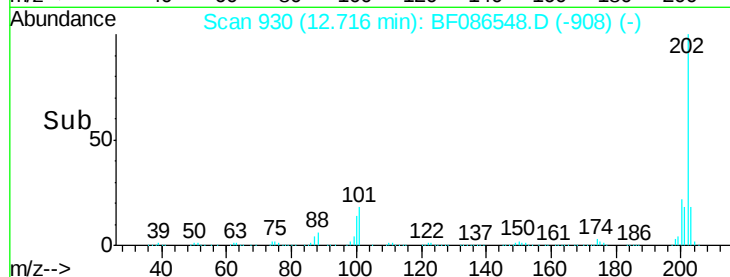
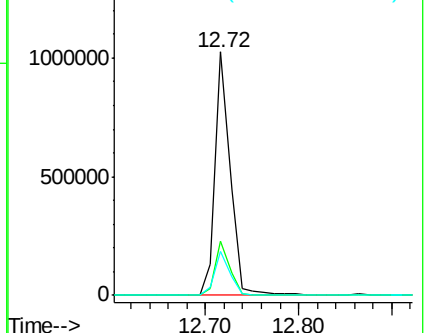
203 18.2 14.2 21.4



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: 77.67 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

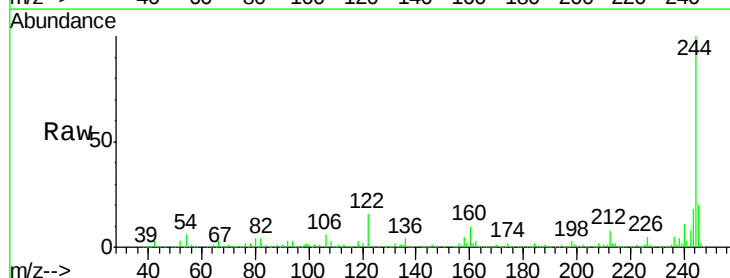
Tgt Ion:244 Resp: 1370958

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

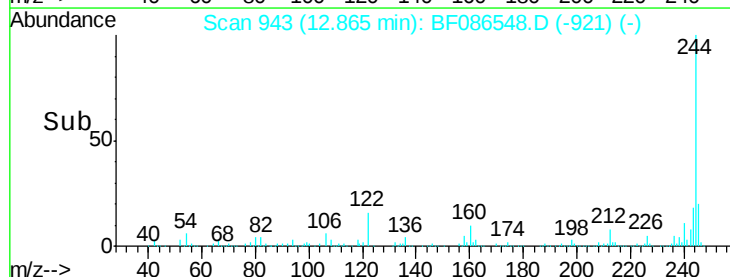
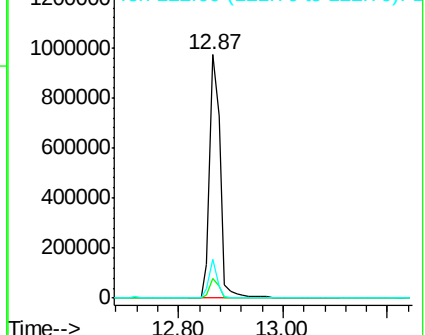
122 15.7 12.0 18.0

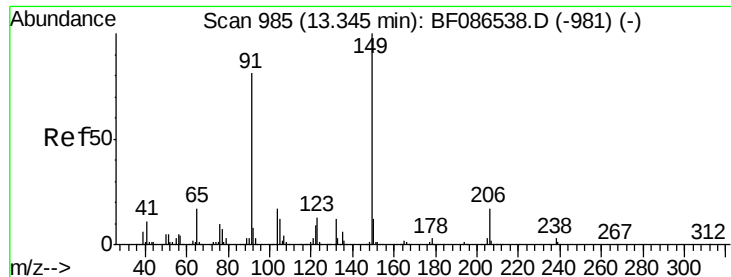


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

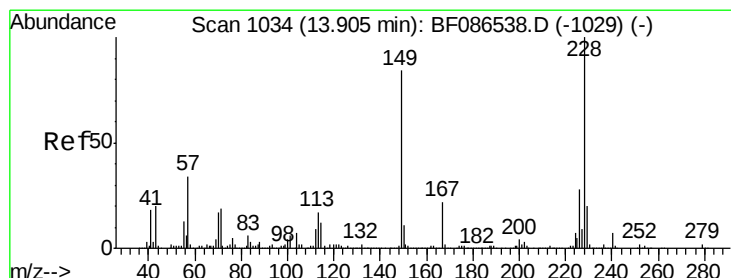
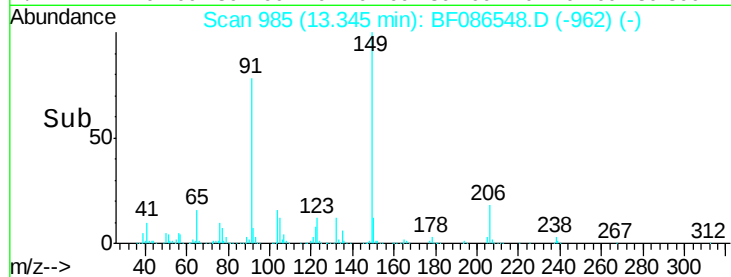
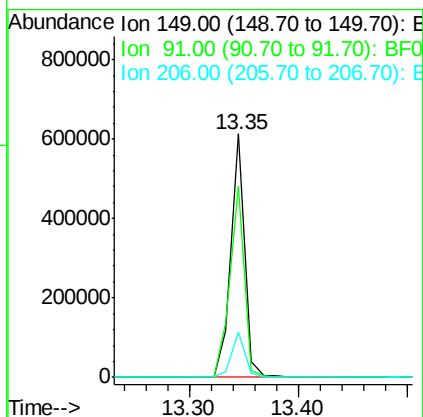
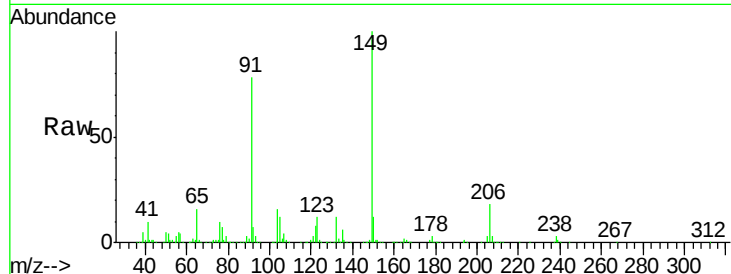




#79
Butylbenzylphthalate
Concen: 44.42 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

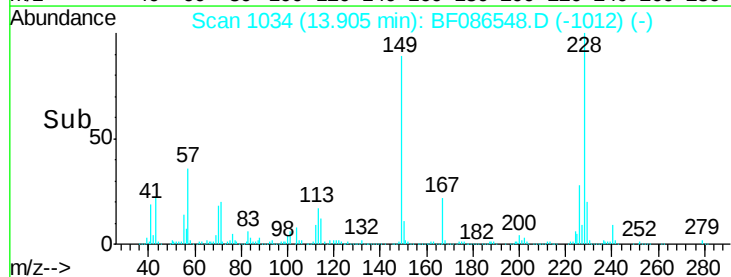
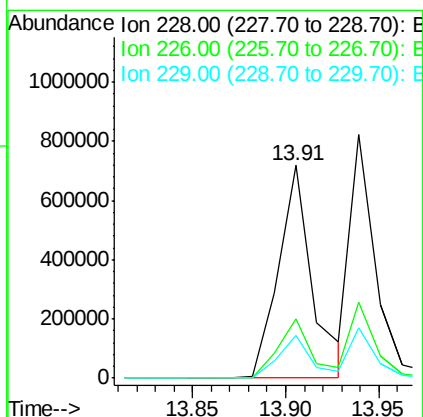
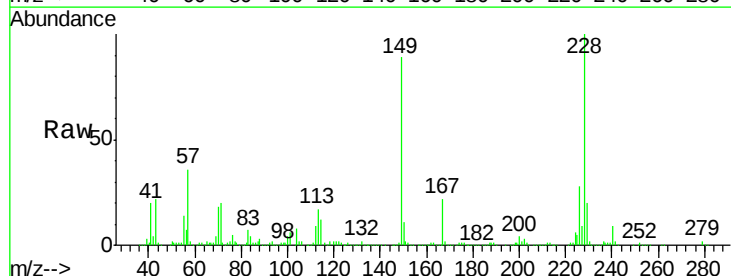
Instrument :
BNA_F
ClientSampleId :
SS5MSD

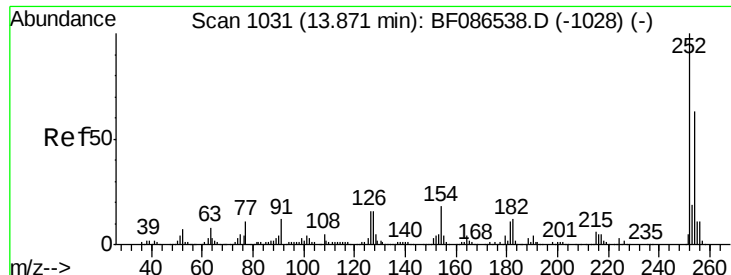
Tgt Ion:149 Resp: 539084
Ion Ratio Lower Upper
149 100
91 78.4 48.0 72.0#
206 18.3 15.8 23.6



#80
Benzo(a)anthracene
Concen: 43.70 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF086548.D
Acq: 1 May 2016 3:48

Tgt Ion:228 Resp: 905971
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 19.9 16.6 25.0

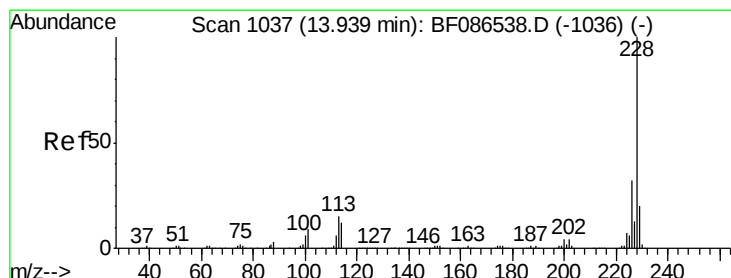
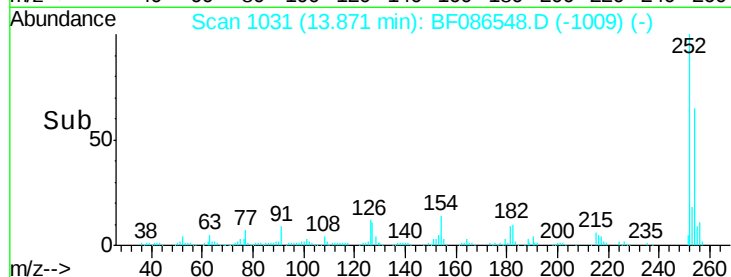
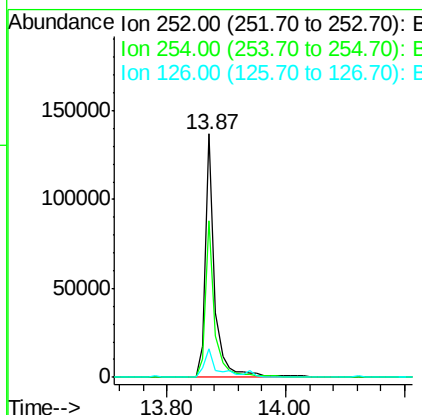
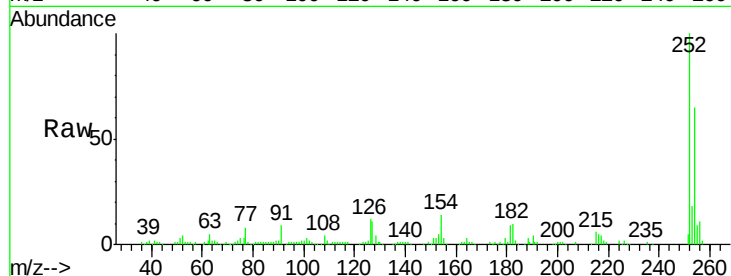




#81
 3,3'-Dichlorobenzidine
 Concen: 11.22 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

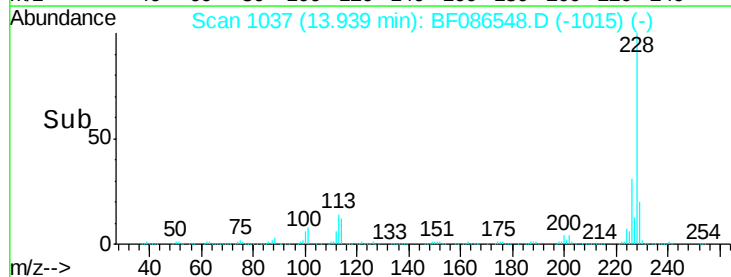
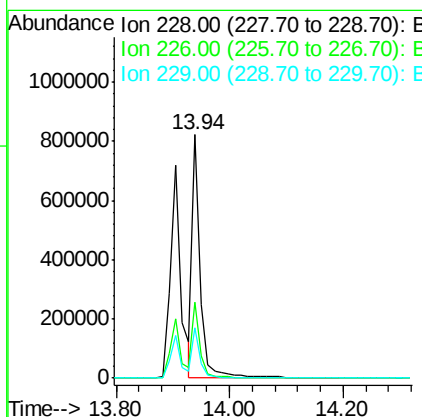
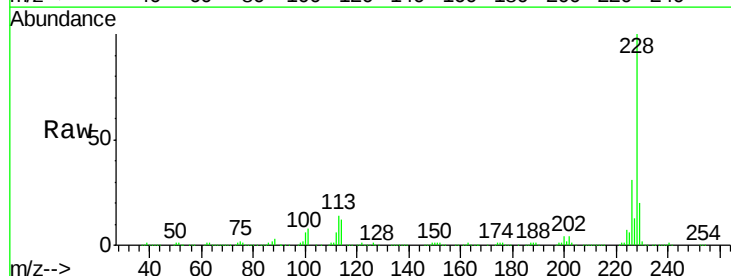
Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

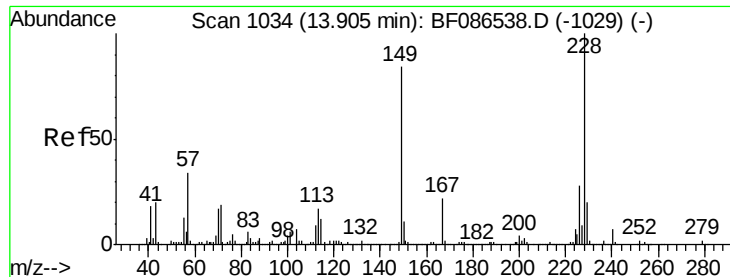
Tgt Ion:252 Resp: 155480
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 11.9 12.7 19.1#



#82
 Chrysene
 Concen: 37.05 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:228 Resp: 834929
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 20.4 15.8 23.8

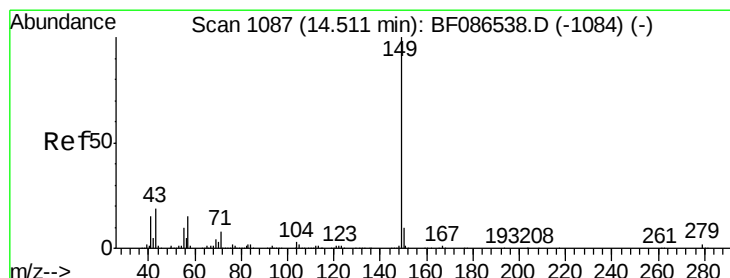
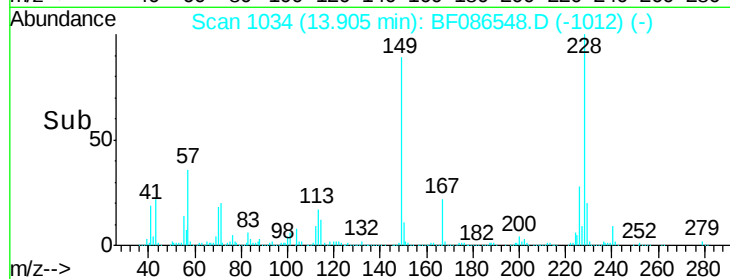
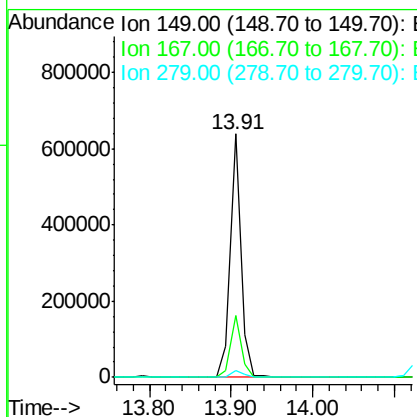
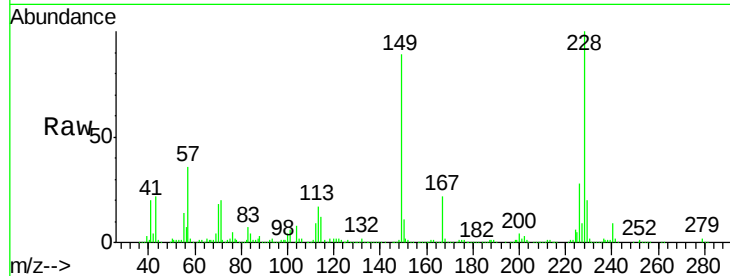




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.60 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

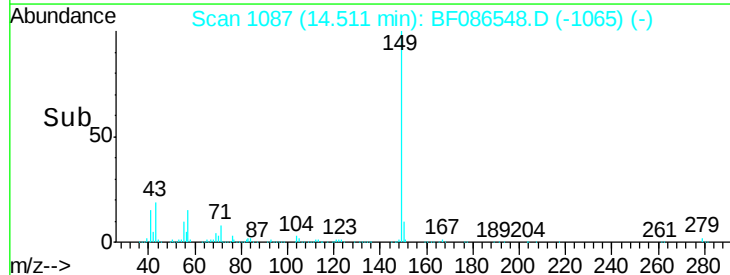
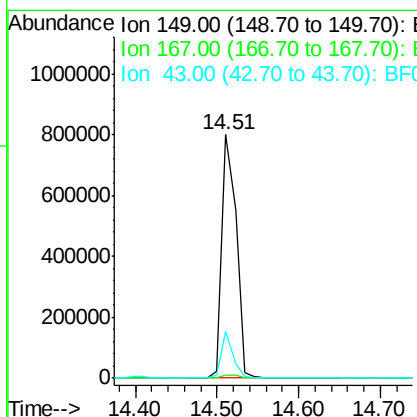
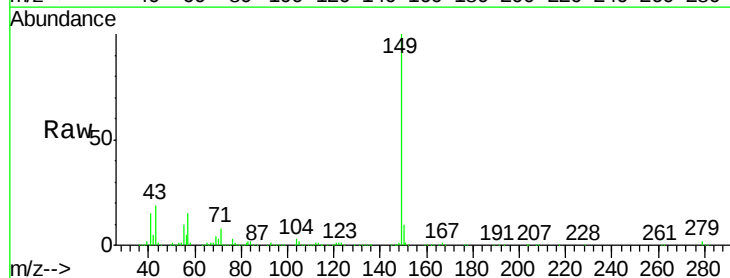
Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

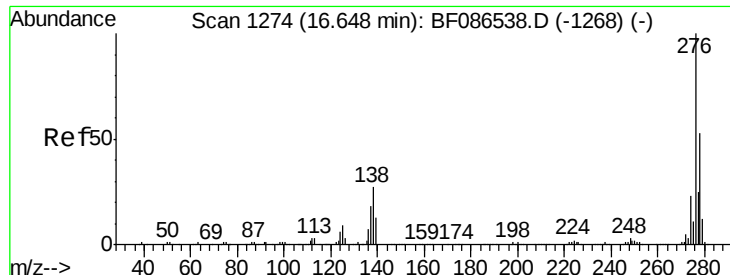
Tgt Ion:	149	Resp:	581473
Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.8	32.6
279	2.8	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 41.16 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion:	149	Resp:	970897
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.0	8.2	12.4#

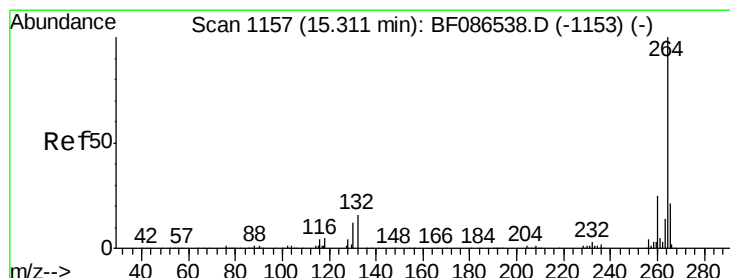
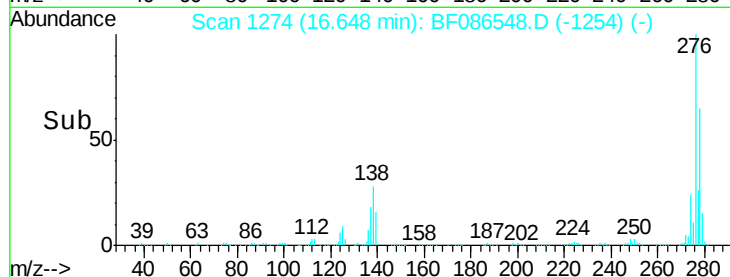
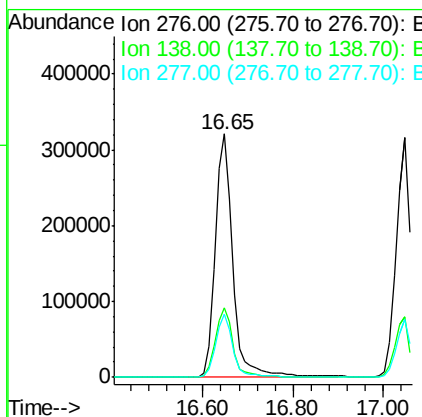
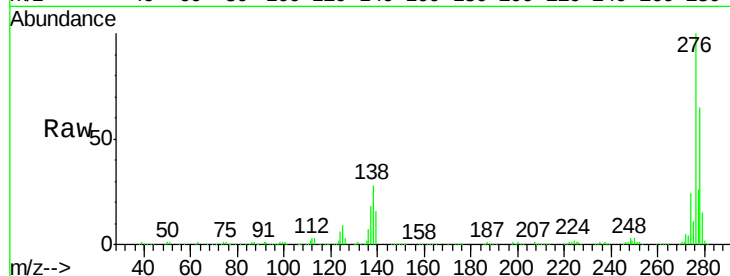




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.38 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

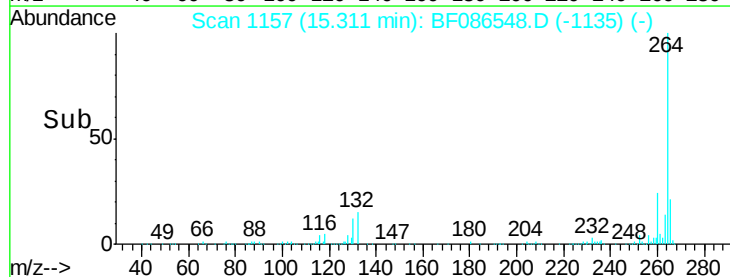
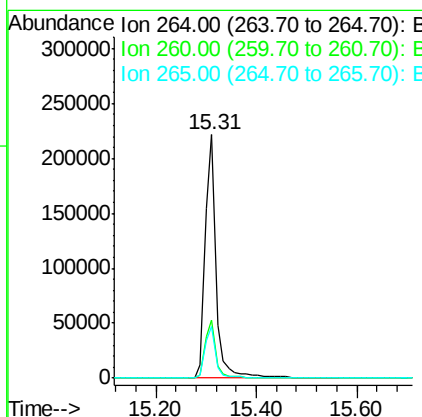
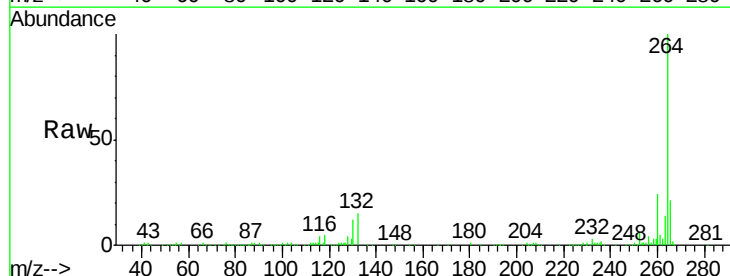
Instrument :
 BNA_F
 ClientSampleId :
 SS5MSD

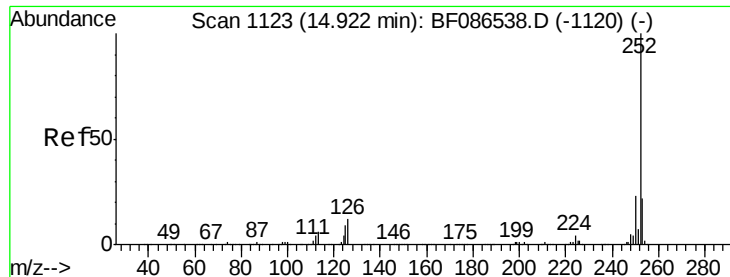
Tgt Ion: 276 Resp: 874558
 Ion Ratio Lower Upper
 276 100
 138 29.0 25.6 38.4
 277 25.4 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.05 min
 Lab File: BF086548.D
 Acq: 1 May 2016 3:48

Tgt Ion: 264 Resp: 337125
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.2 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 82.15 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

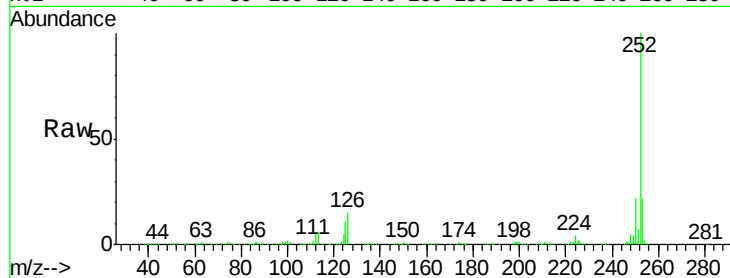
Tgt Ion:252 Resp: 1629282

Ion Ratio Lower Upper

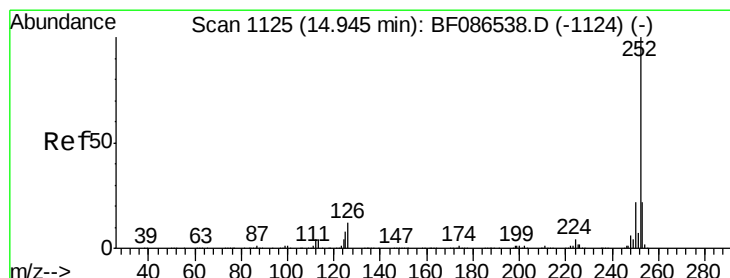
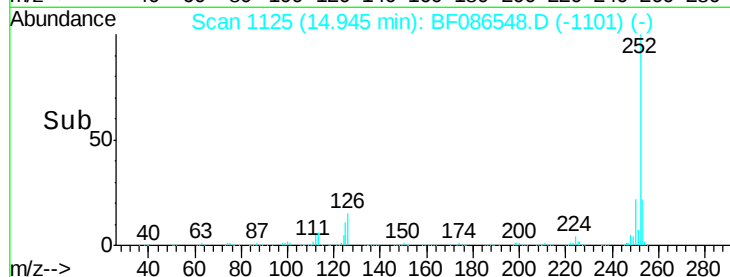
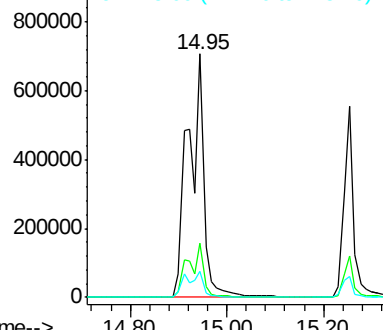
252 100

253 22.1 17.8 26.6

125 10.7 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 78.76 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

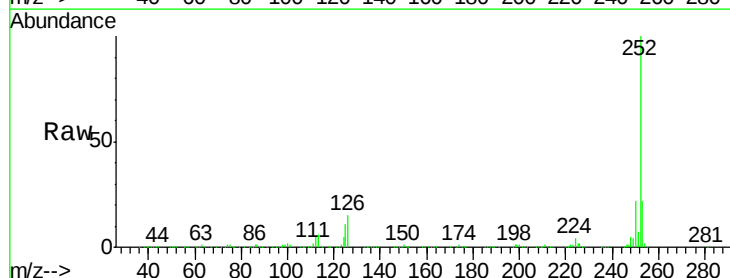
Tgt Ion:252 Resp: 1629282

Ion Ratio Lower Upper

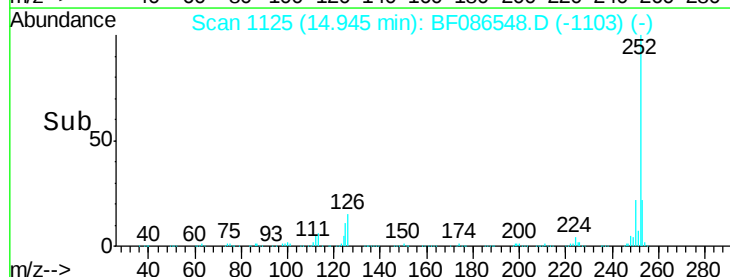
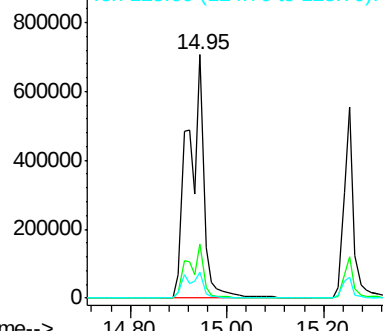
252 100

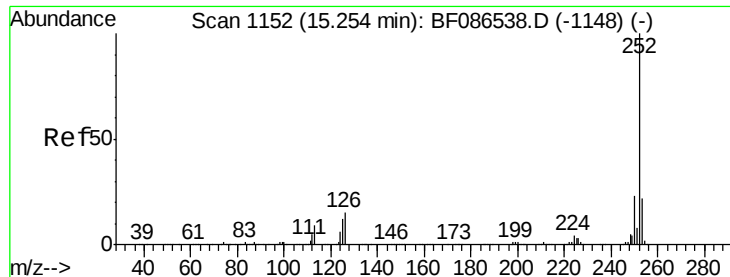
253 22.1 17.8 26.6

125 10.7 9.1 13.7



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





#89

Benzo(a)pyrene

Concen: 41.50 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.05 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD

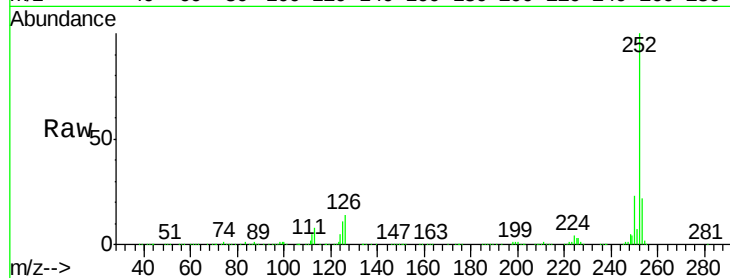
Tgt Ion:252 Resp: 776998

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

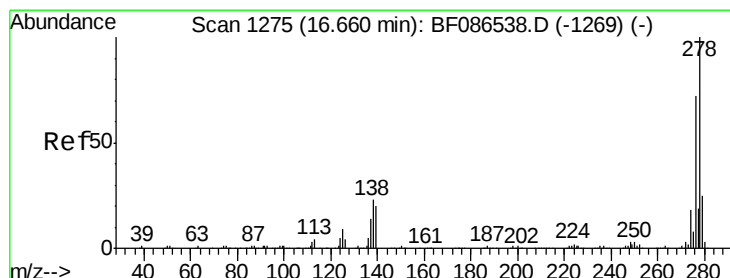
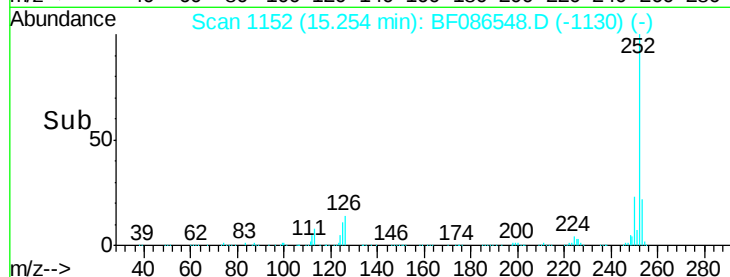
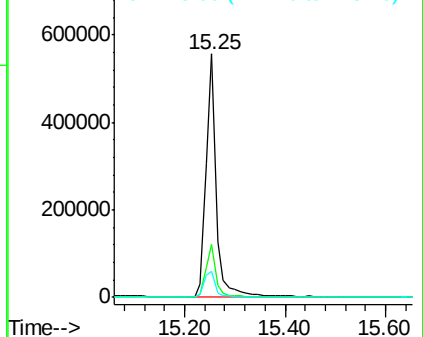
125 10.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.13 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.08 min

Lab File: BF086548.D

Acq: 1 May 2016 3:48

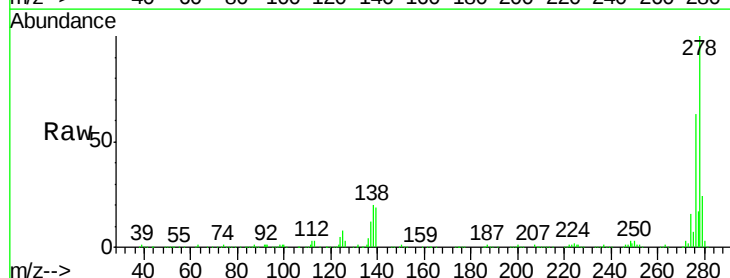
Tgt Ion:278 Resp: 737433

Ion Ratio Lower Upper

278 100

139 18.7 16.6 24.8

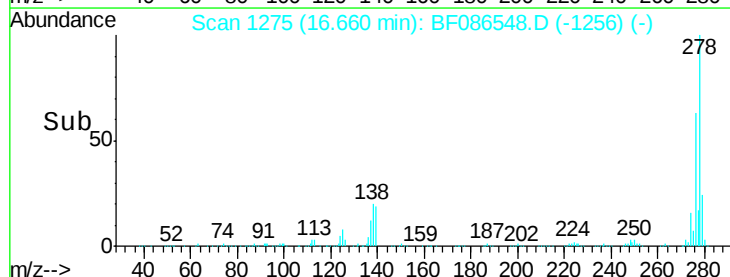
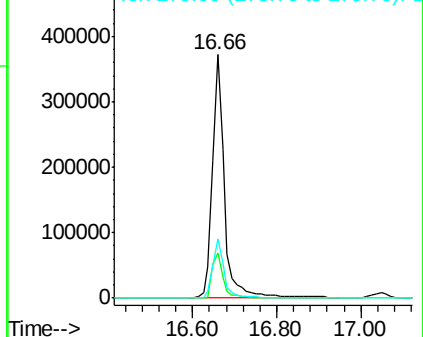
279 24.1 19.6 29.4

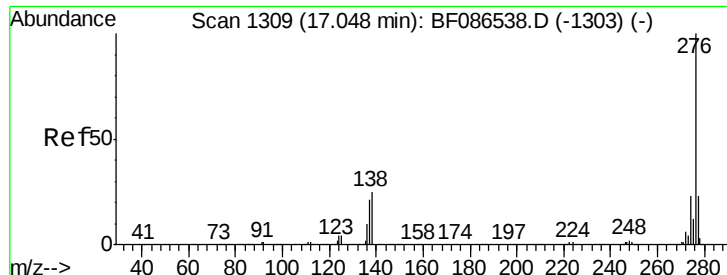


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.87 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.08 min

Lab File: BF086548.D

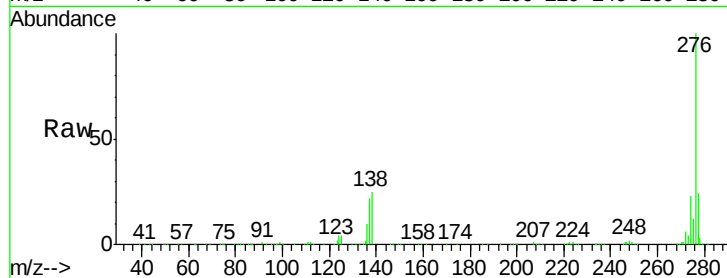
Acq: 1 May 2016 3:48

Instrument :

BNA_F

ClientSampleId :

SS5MSD



Tgt Ion: 276 Resp: 735062

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 25.2 23.6 35.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

