

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089082.D
 Acq On : 18 Jul 2016 14:08
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 19 03:23:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	48305	20.00	ng	-0.07
21) Naphthalene-d8	7.93	136	214443	20.00	ng	-0.07
38) Acenaphthene-d10	9.68	164	99820	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	190071	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	128940	20.00	ng	-0.08
86) Perylene-d12	15.13	264	102888	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	254072	78.83	ng	-0.07
7) Phenol-d6	6.30	99	324823	77.99	ng	-0.06
23) Nitrobenzene-d5	7.21	82	288253	70.44	ng	-0.07
41) 2,4,6-Tribromophenol	10.47	330	70816	76.40	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	515854	81.63	ng	-0.07
78) Terphenyl-d14	12.73	244	442304	76.40	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	55064	34.46	ng	# 31
3) Pyridine	2.74	79	142325	30.69	ng	95
4) n-Nitrosodimethylamine	2.70	42	64949	36.66	ng	96
6) Aniline	6.30	93	224795	37.04	ng	# 66
8) 2-Chlorophenol	6.42	128	139136	40.17	ng	95
9) Benzaldehyde	6.18	77	101991	36.15	ng	89
10) Phenol	6.31	94	185945	39.12	ng	# 55
11) bis(2-Chloroethyl)ether	6.39	93	142010	40.06	ng	84
12) 1,3-Dichlorobenzene	6.58	146	162952	42.75	ng	98
13) 1,4-Dichlorobenzene	6.66	146	163241	43.14	ng	99
14) 1,2-Dichlorobenzene	6.81	146	146153m	41.27	ng	
15) Benzyl Alcohol	6.80	79	126272	41.20	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	169825	33.08	ng	87
17) 2-Methylphenol	6.91	107	109705	38.82	ng	93
18) Hexachloroethane	7.15	117	61615	42.10	ng	88
19) n-Nitroso-di-n-propylamine	7.07	70	112427	40.19	ng	88
20) 3+4-Methylphenols	7.07	107	142837	42.11	ng	# 80
22) Acetophenone	7.06	105	216758	41.65	ng	# 93
24) Nitrobenzene	7.23	77	176633	42.81	ng	89
25) Isophorone	7.47	82	269673	35.58	ng	95
26) 2-Nitrophenol	7.55	139	78387	46.33	ng	# 80
27) 2,4-Dimethylphenol	7.60	122	120590	34.22	ng	# 86
28) bis(2-Chloroethoxy)methane	7.69	93	172959	35.06	ng	# 94
29) 2,4-Dichlorophenol	7.79	162	111383	39.11	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	128906	41.25	ng	99
31) Naphthalene	7.95	128	463979	43.89	ng	99
32) Benzoic acid	7.75	122	107251	41.92	ng	95
33) 4-Chloroaniline	8.01	127	189319	40.25	ng	# 93
34) Hexachlorobutadiene	8.07	225	67607	40.40	ng	97
35) Caprolactam	8.39	113	38346	39.65	ng	# 76
36) 4-Chloro-3-methylphenol	8.50	107	151495	44.98	ng	97
37) 2-Methylnaphthalene	8.64	142	273293	40.15	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	155297	46.78	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	61747	37.89	ng	99

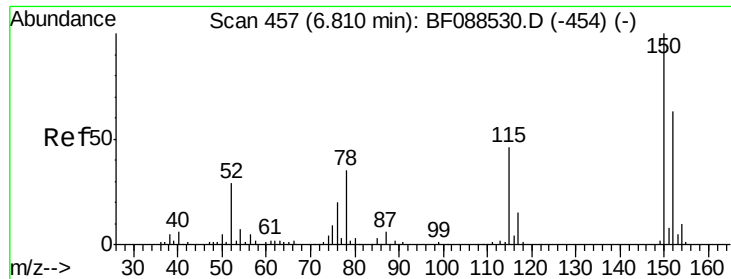
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	85319	38.98	nq	98
43) 2,4,5-Trichlorophenol	8.97	196	81710	43.38	nq	99
45) 1,1'-Biphenyl	9.11	154	380215	46.00	nq	98
46) 2-Chloronaphthalene	9.13	162	282749	43.57	nq	97
47) 2-Nitroaniline	9.22	65	80648	35.02	nq	93
48) Acenaphthylene	9.54	152	450382	43.62	nq	99
49) Dimethylphthalate	9.42	163	312797	43.98	nq	99
50) 2,6-Dinitrotoluene	9.47	165	71919	45.63	nq	# 72
51) Acenaphthene	9.71	154	270779	42.78	nq	98
52) 3-Nitroaniline	9.63	138	75000	37.43	nq	# 84
53) 2,4-Dinitrophenol	9.75	184	31238	44.89	nq	96
54) Dibenzofuran	9.88	168	353718	42.70	nq	95
55) 4-Nitrophenol	9.82	139	59682	39.20	nq	90
56) 2,4-Dinitrotoluene	9.87	165	83014	40.28	nq	# 43
57) Fluorene	10.22	166	275516	43.16	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	53422	36.66	nq	# 47
59) Diethylphthalate	10.11	149	309917	43.42	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	122490	41.30	nq	91
61) 4-Nitroaniline	10.25	138	81413	42.22	nq	85
62) Azobenzene	10.38	77	320577	39.38	nq	96
64) 4,6-Dinitro-2-methylphenol	10.28	198	50489	49.66	nq	# 76
65) n-Nitrosodiphenylamine	10.34	169	278646	43.32	nq	100
66) 4-Bromophenyl-phenylether	10.71	248	78258	40.86	nq	97
67) Hexachlorobenzene	10.76	284	73353	34.60	nq	# 87
68) Atrazine	10.87	200	66498	33.17	nq	91
69) Pentachlorophenol	10.96	266	44030	35.09	nq	97
70) Phenanthrene	11.18	178	423713	40.78	nq	99
71) Anthracene	11.22	178	392281	37.97	nq	98
72) Carbazole	11.38	167	349701	35.96	nq	99
73) Di-n-butylphthalate	11.73	149	454724	40.20	nq	99
74) Fluoranthene	12.35	202	404343	38.39	nq	99
76) Benzidine	12.49	184	345126	52.96	nq	98
77) Pyrene	12.58	202	453546	41.49	nq	99
79) Butylbenzylphthalate	13.21	149	188659	38.69	nq	# 82
80) Benzo(a)anthracene	13.76	228	322076	38.79	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	122305	39.18	nq	99
82) Chrysene	13.81	228	325340	39.61	nq	97
83) Bis(2-ethylhexyl)phthalate	13.77	149	236757	42.53	nq	# 97
84) Di-n-octyl phthalate	14.38	149	370963	39.22	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.38	276	218234	34.53	nq	# 100
87) Benzo(b)fluoranthene	14.77	252	310811m	48.16	nq	
88) Benzo(k)fluoranthene	14.79	252	213771m	38.05	nq	
89) Benzo(a)pyrene	15.07	252	230738	42.22	nq	97
90) Dibenzo(a,h)anthracene	16.39	278	188409	41.29	nq	98
91) Benzo(g,h,i)perylene	16.75	276	191693	40.60	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

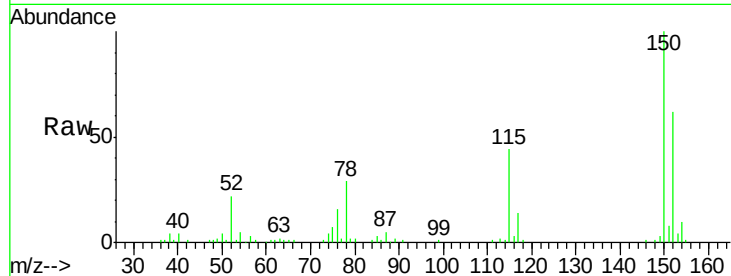
Tot Ion:152 Resp: 48305

Ion Ratio Lower Upper

152 100

150 161.7 123.8 185.6

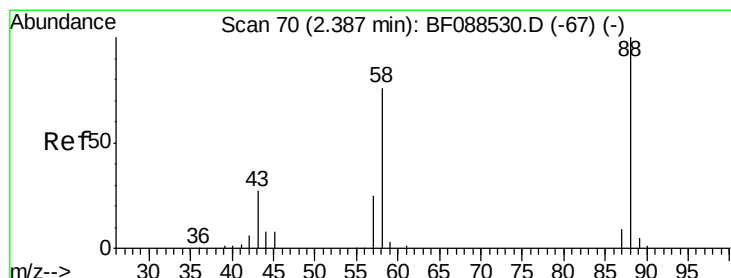
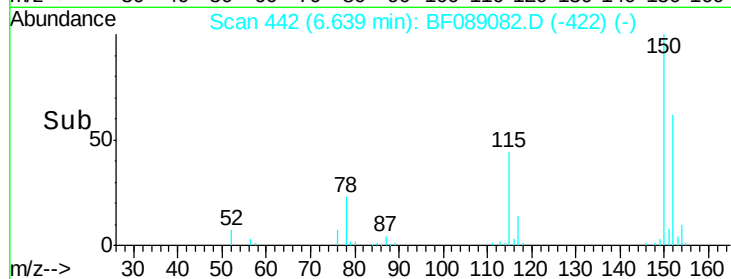
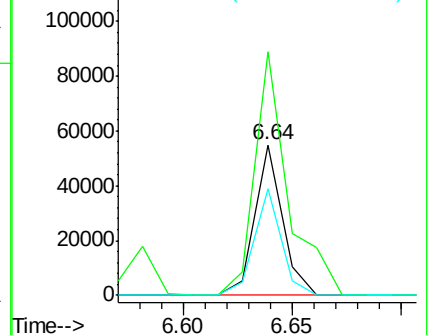
115 70.9 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.46 ng

RT: 2.10 min Scan# 45

Delta R.T. -0.11 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

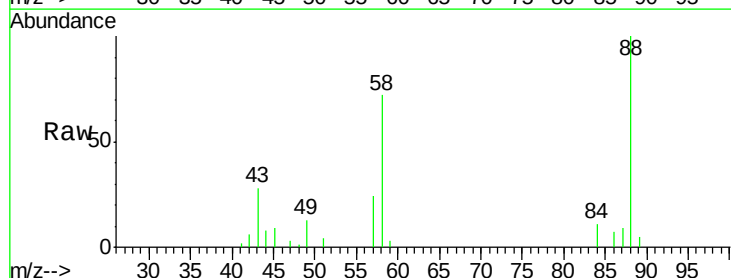
Tgt Ion: 88 Resp: 55064

Ion Ratio Lower Upper

88 100

58 68.6 0.0 0.0#

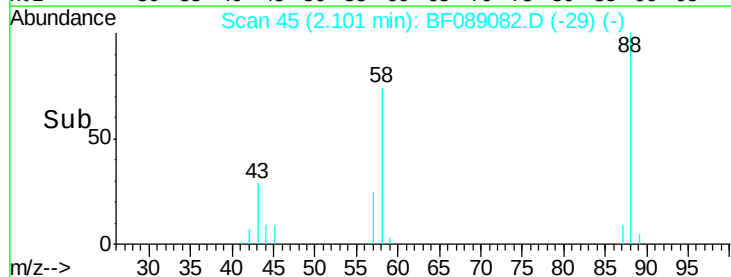
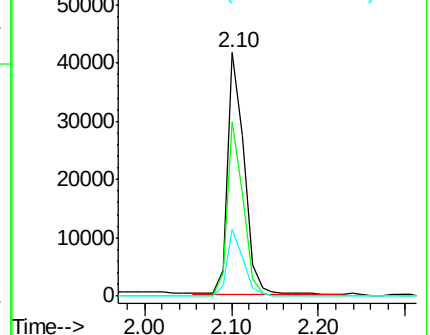
43 27.2 3.4 5.2#

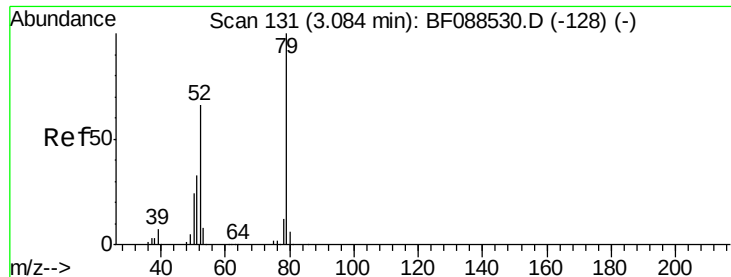


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.69 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.14 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

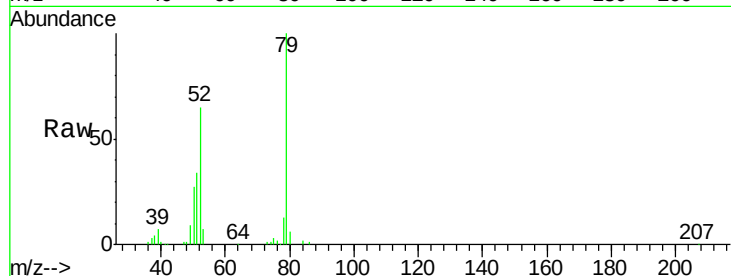
Tot Ion: 79 Resp: 142325

Ion Ratio Lower Upper

79 100

52 65.3 56.3 84.5

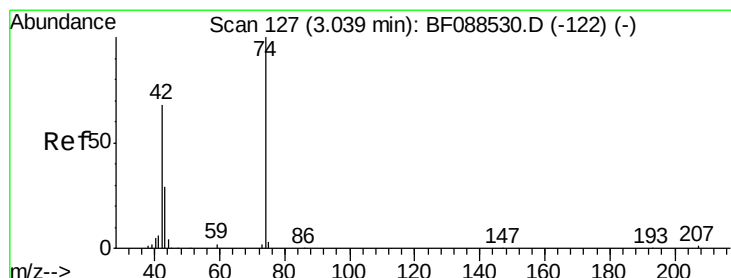
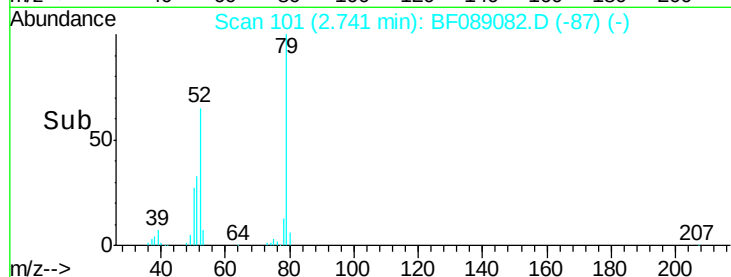
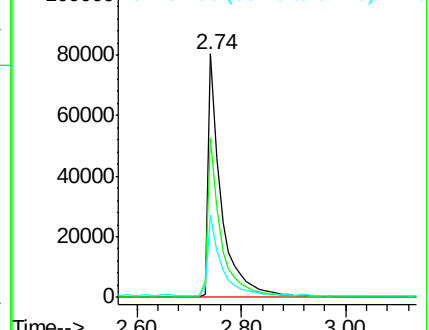
51 33.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.66 ng

RT: 2.70 min Scan# 97

Delta R.T. -0.14 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

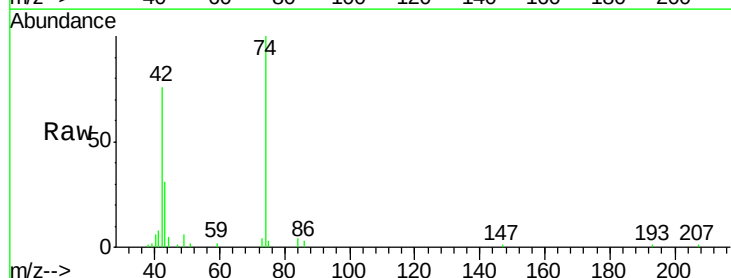
Tgt Ion: 42 Resp: 64949

Ion Ratio Lower Upper

42 100

74 131.4 108.6 163.0

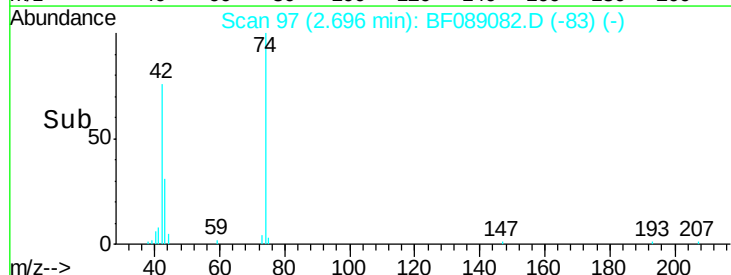
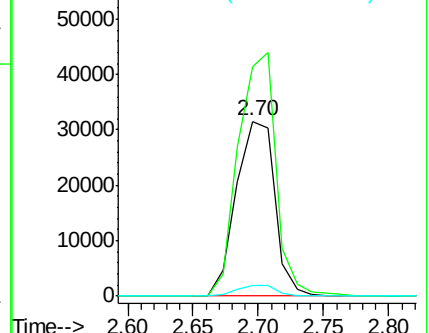
44 6.0 5.5 8.3

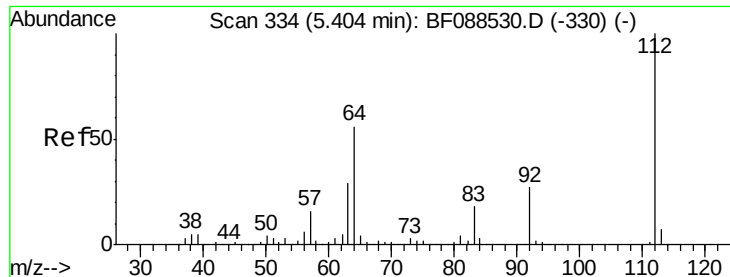


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.83 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

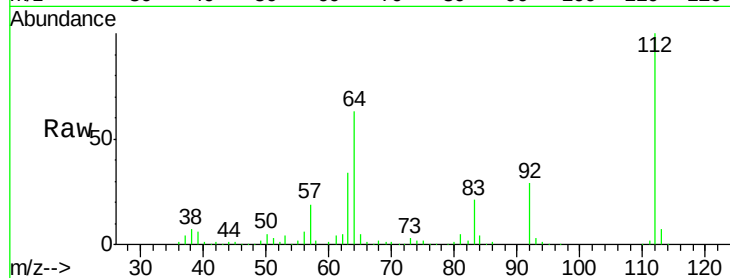
Tot Ion:112 Resp: 254072

Ion Ratio Lower Upper

112 100

64 62.8 42.2 63.2

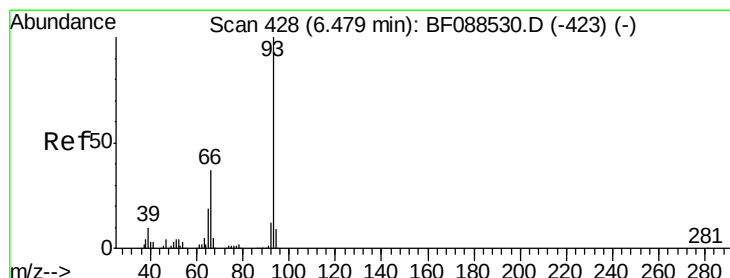
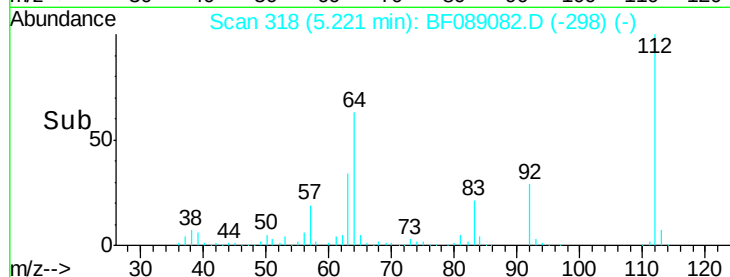
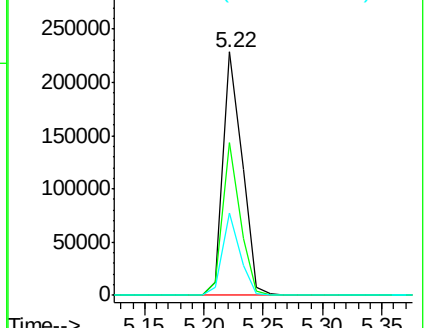
63 33.7 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.04 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

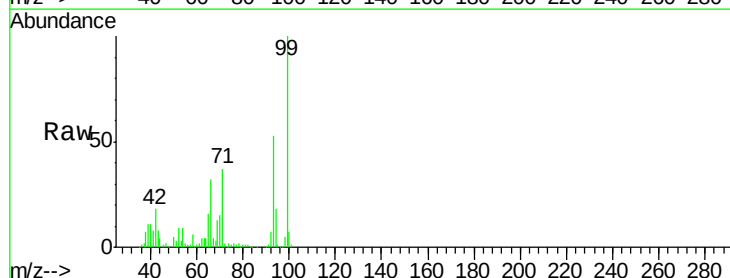
Tgt Ion: 93 Resp: 224795

Ion Ratio Lower Upper

93 100

66 60.6 29.8 44.8#

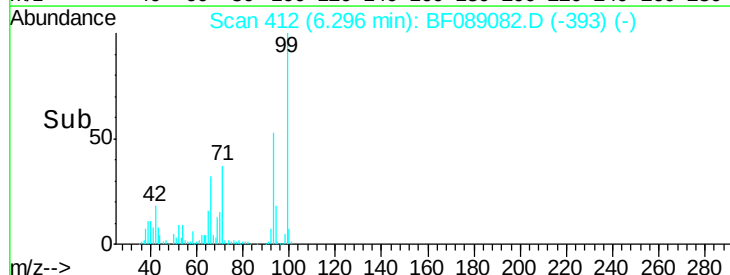
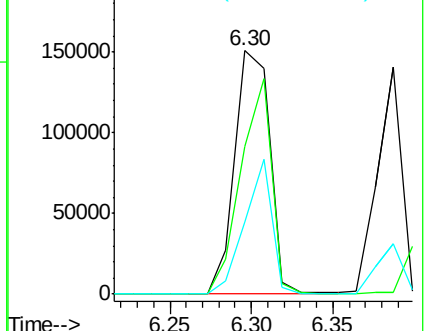
65 29.7 14.9 22.3#

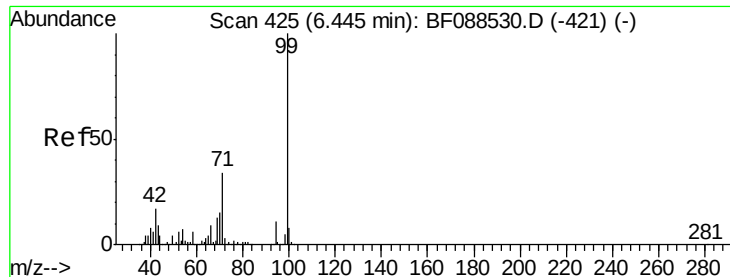


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.99 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

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ClientSampleId :

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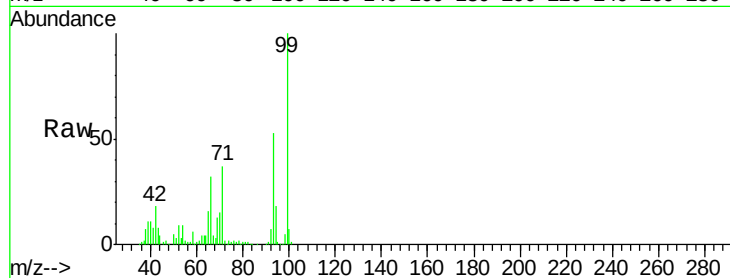
Tot Ion: 99 Resp: 324823

Ion Ratio Lower Upper

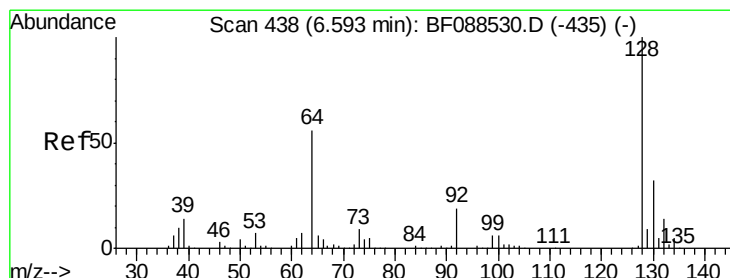
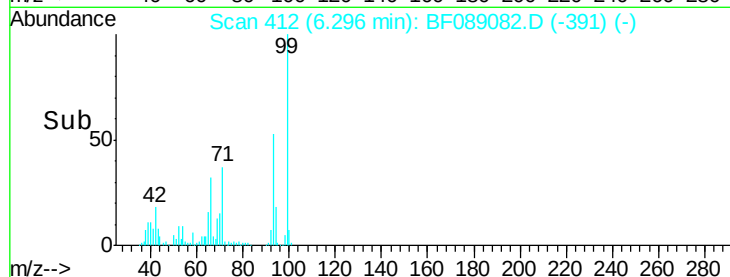
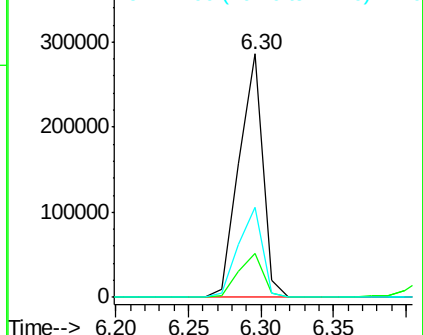
99 100

42 17.9 12.2 18.2

71 37.1 23.4 35.0#



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



#8

2-Chlorophenol

Concen: 40.17 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

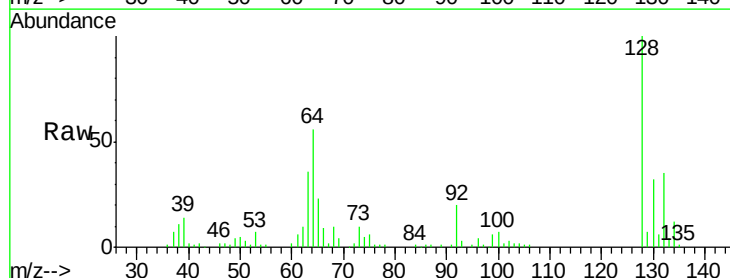
Tgt Ion: 128 Resp: 139136

Ion Ratio Lower Upper

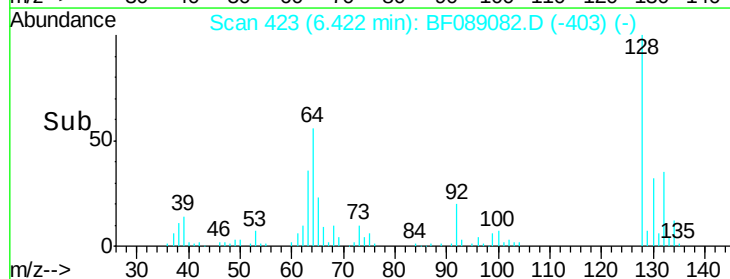
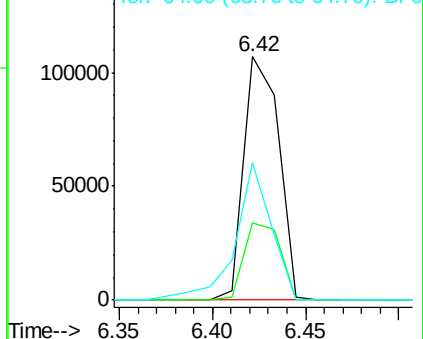
128 100

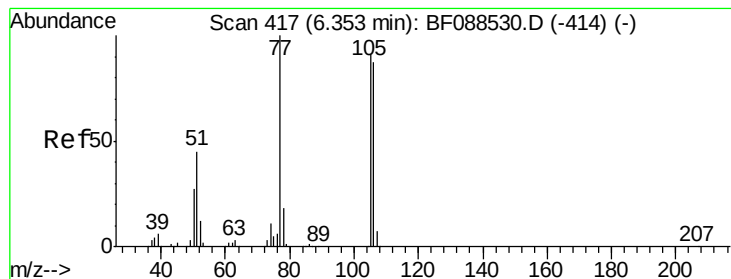
130 31.9 12.0 52.0

64 56.3 30.8 70.8



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





#9

Benzaldehyde

Concen: 36.15 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

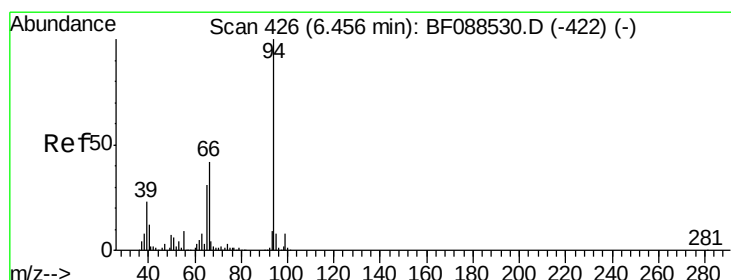
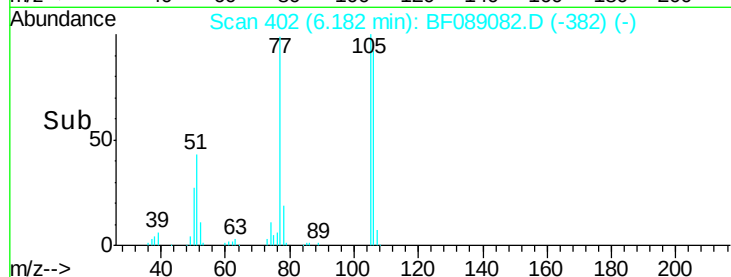
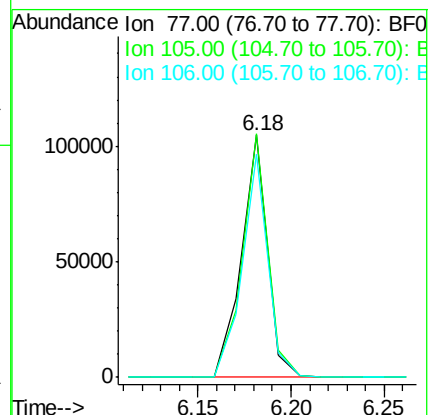
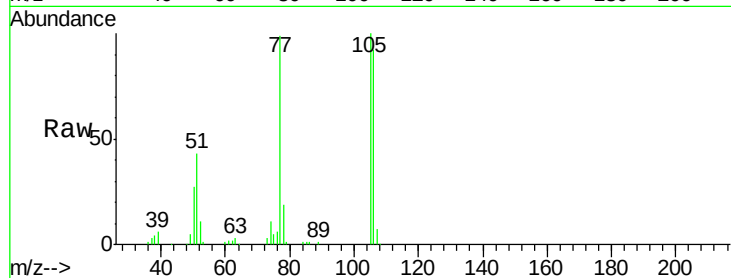
Tot Ion: 77 Resp: 101991

Ion Ratio Lower Upper

77 100

105 100.6 90.6 130.6

106 92.1 85.3 125.3



#10

Phenol

Concen: 39.12 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

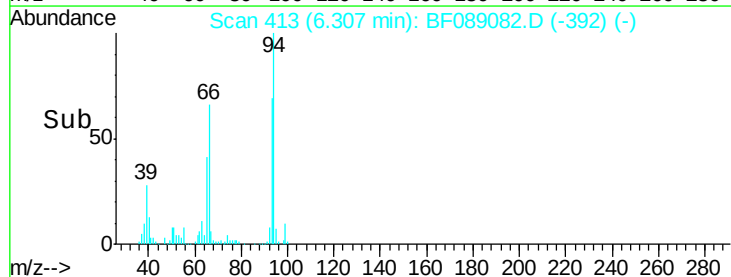
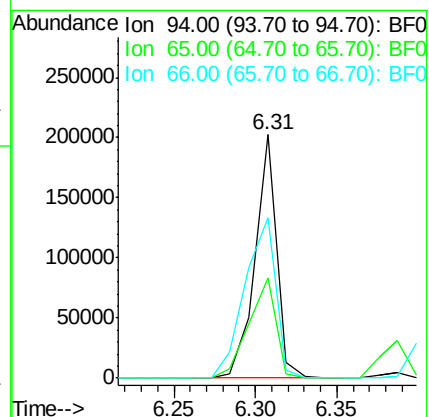
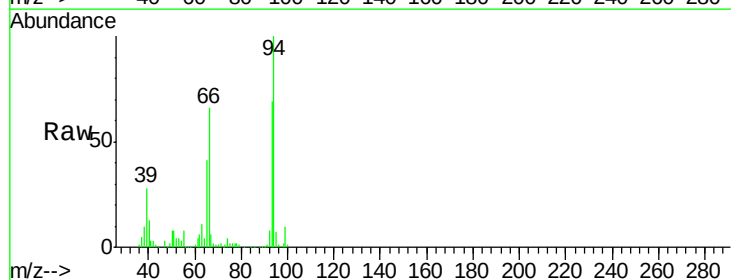
Tgt Ion: 94 Resp: 185945

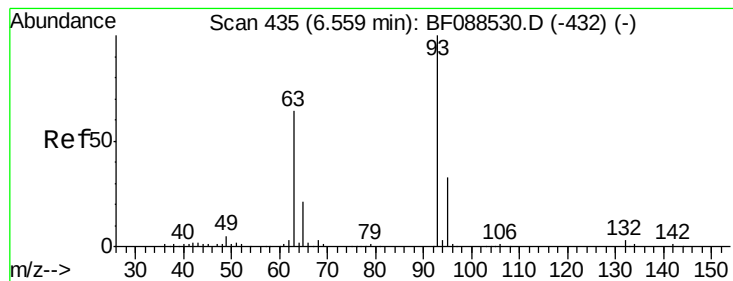
Ion Ratio Lower Upper

94 100

65 41.3 5.9 45.9

66 65.9 14.0 54.0#

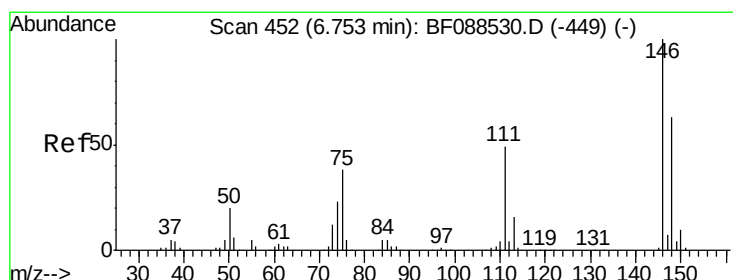
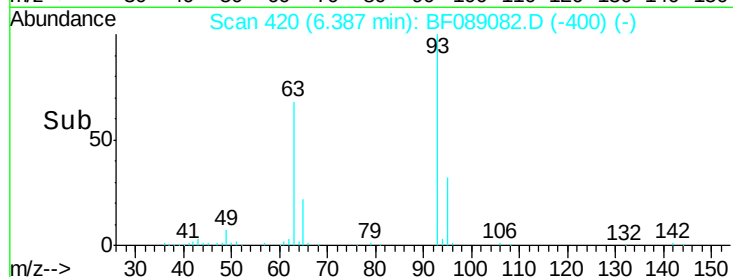
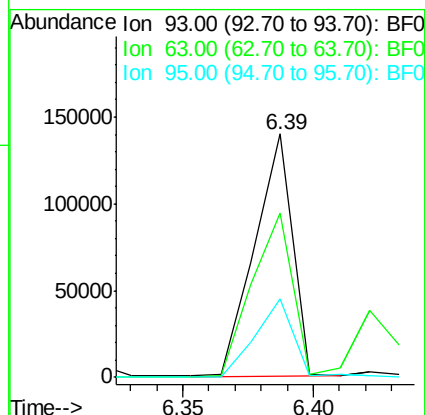
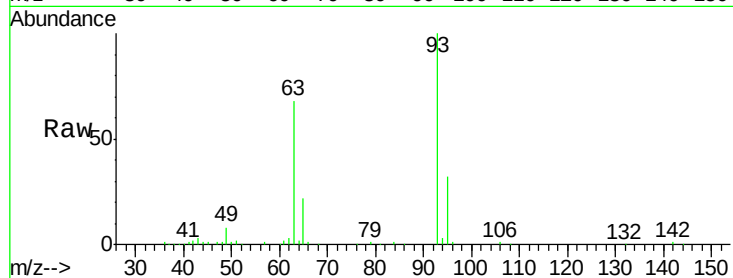




#11
bis(2-Chloroethyl)ether
Concen: 40.06 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

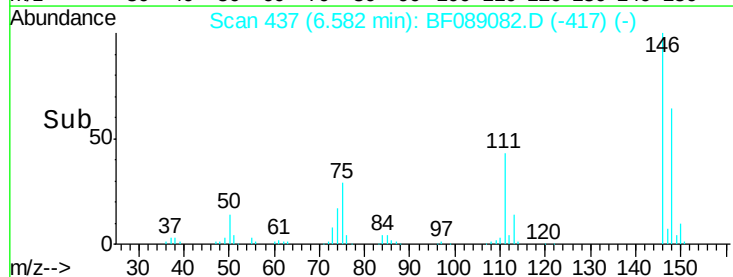
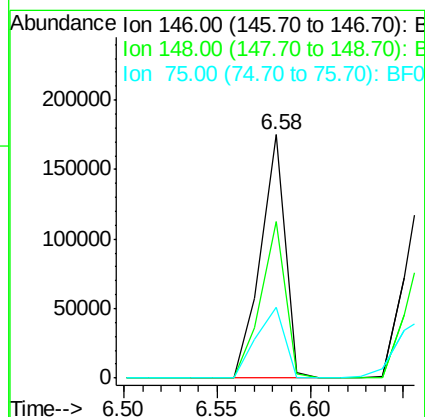
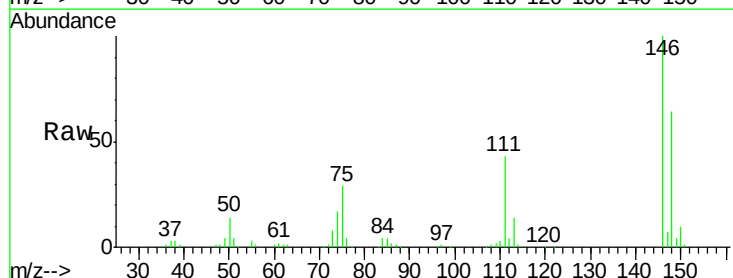
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

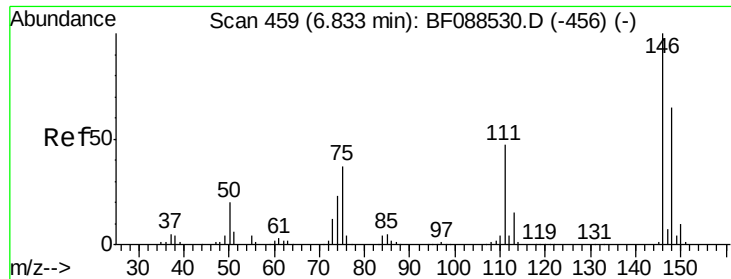
Tot Ion: 93 Resp: 142010
Ion Ratio Lower Upper
93 100
63 67.7 67.6 107.6
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.75 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion: 146 Resp: 162952
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 29.0 25.6 38.4

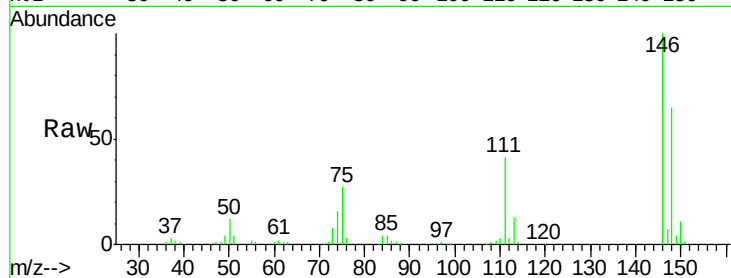




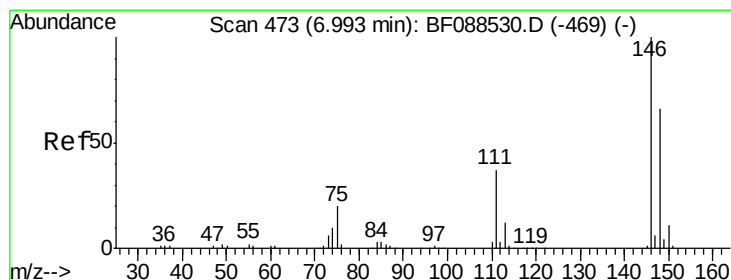
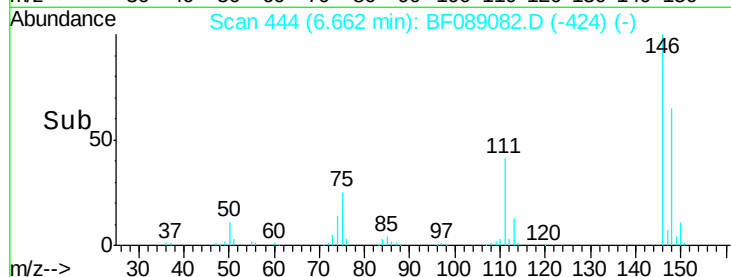
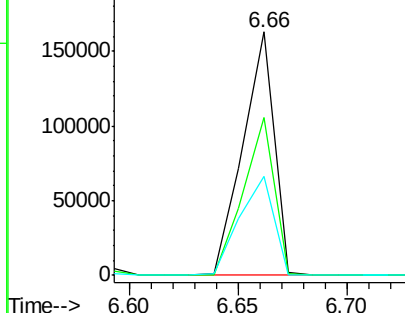
#13
 1,4-Dichlorobenzene
 Concen: 43.14 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:146 Resp: 163241
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 40.8 33.8 50.8

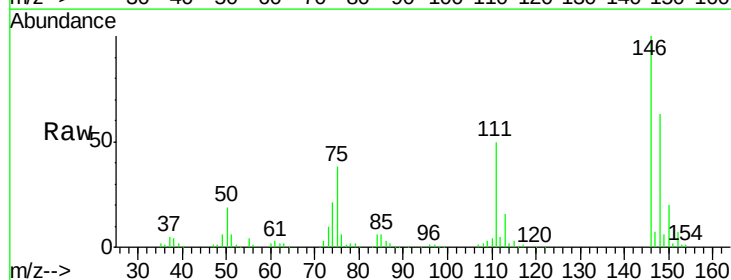


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

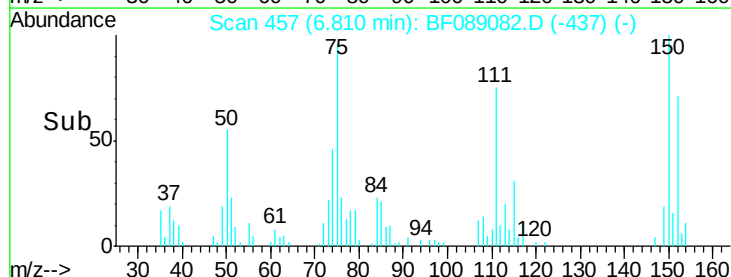
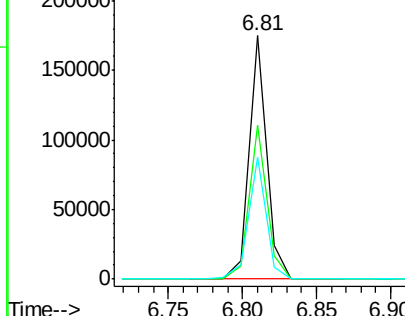


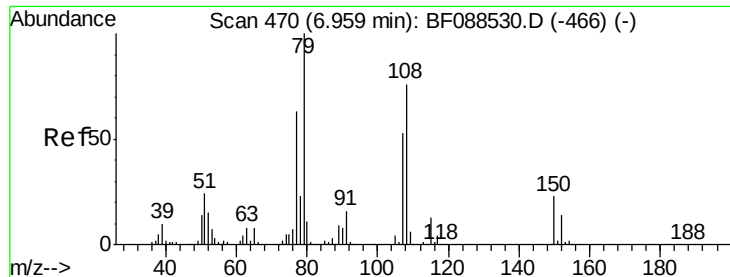
#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng m
 RT: 6.81 min Scan# 457
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:146 Resp: 146153
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 50.0 28.7 43.1#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.20 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

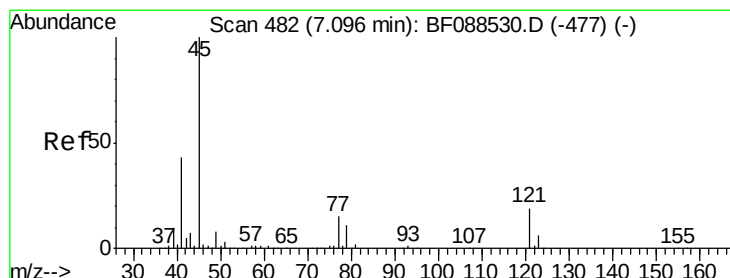
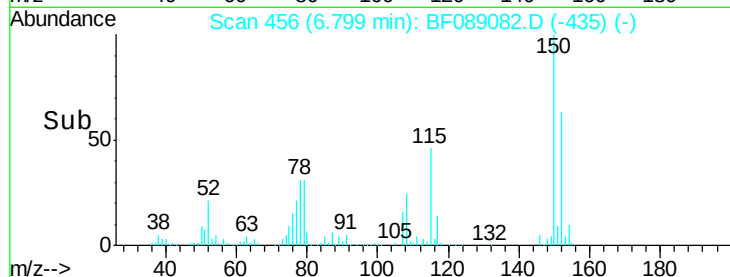
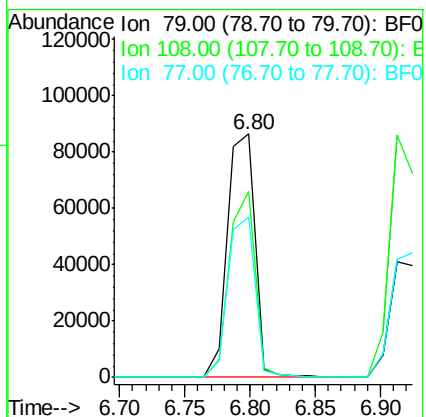
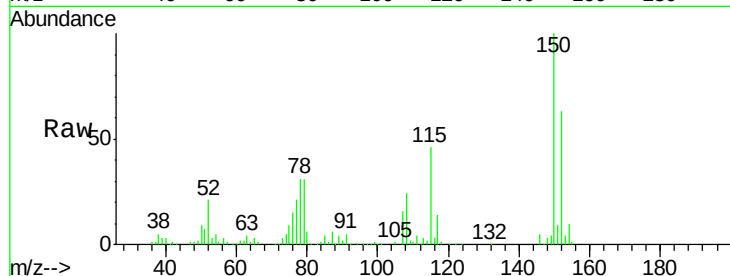
Tot Ion: 79 Resp: 126272

Ion Ratio Lower Upper

79 100

108 76.4 65.0 97.6

77 65.6 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.08 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

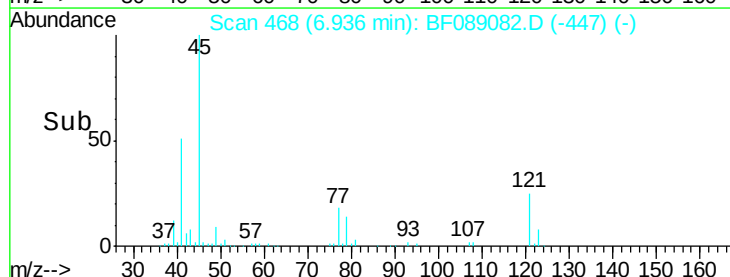
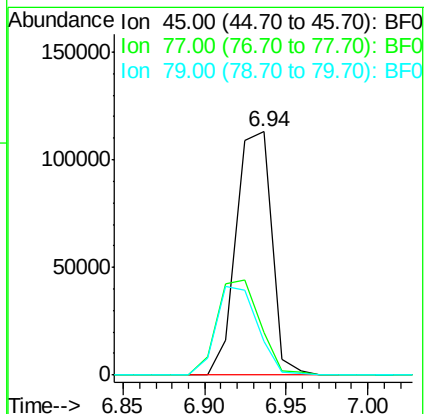
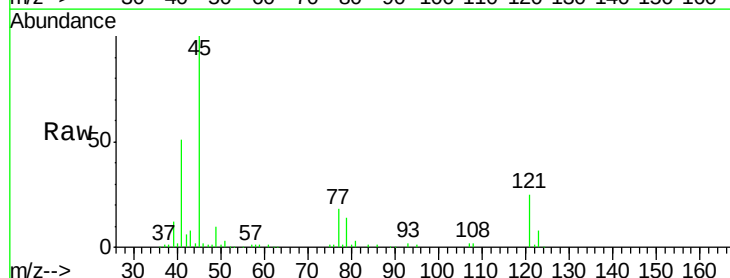
Tgt Ion: 45 Resp: 169825

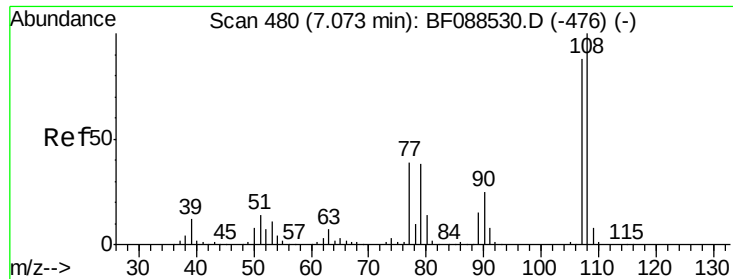
Ion Ratio Lower Upper

45 100

77 17.5 0.0 32.5

79 14.0 0.0 29.5

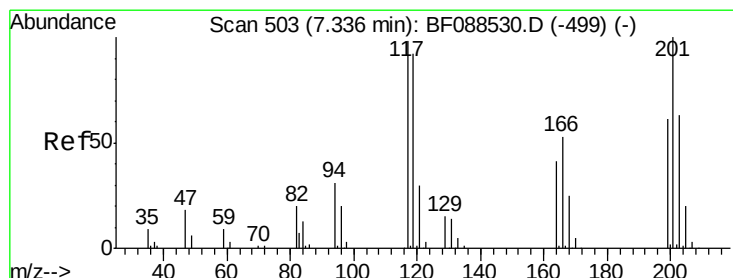
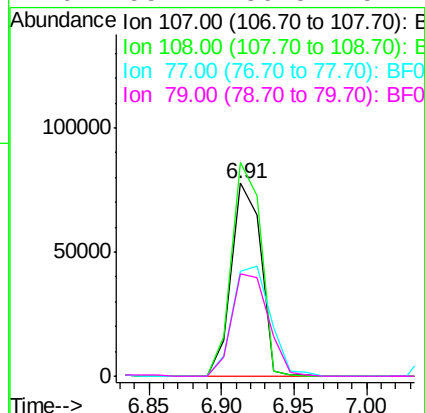
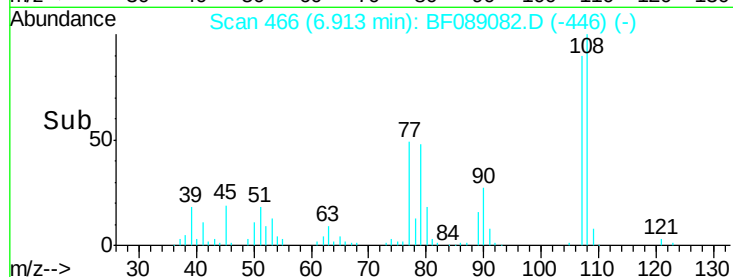
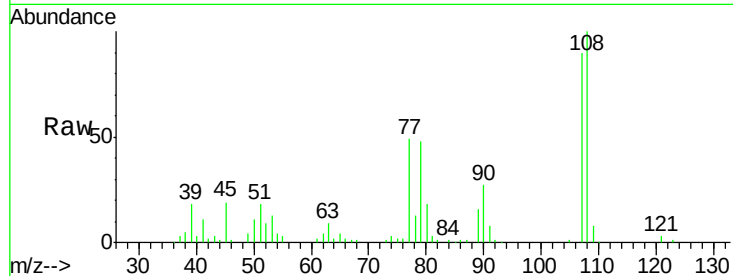




#17
2-Methylphenol
Concen: 38.82 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

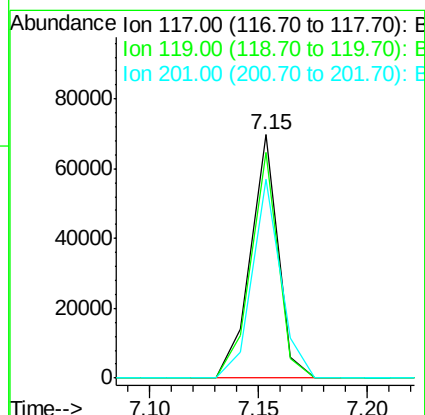
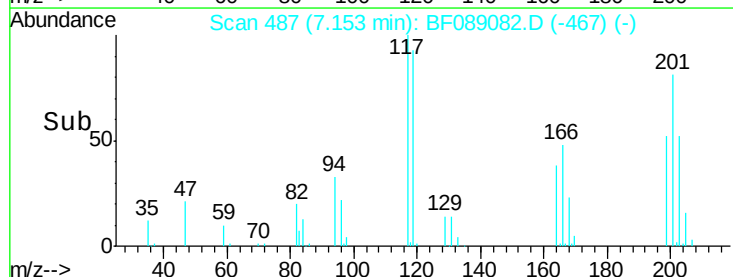
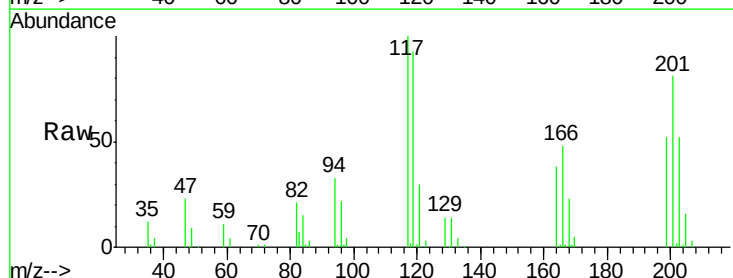
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

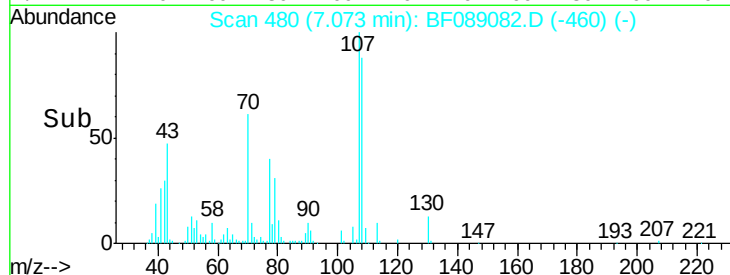
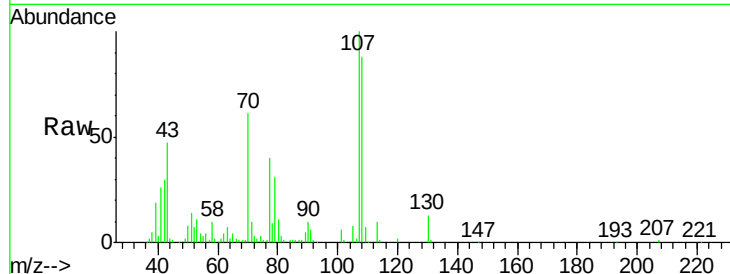
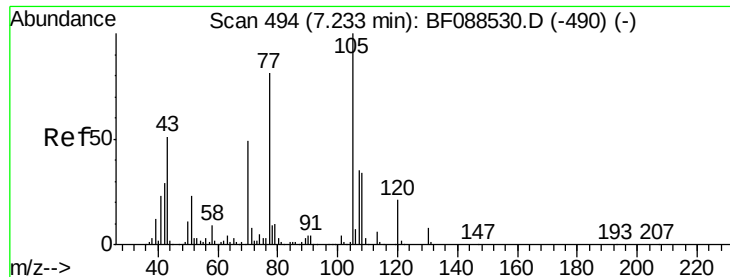
Tot Ion:	107	Resp:	109705
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.9	136.3
77	54.3	36.6	55.0
79	53.1	36.5	54.7



#18
Hexachloroethane
Concen: 42.10 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:	117	Resp:	61615
Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.4	116.2
201	81.4	80.4	120.6

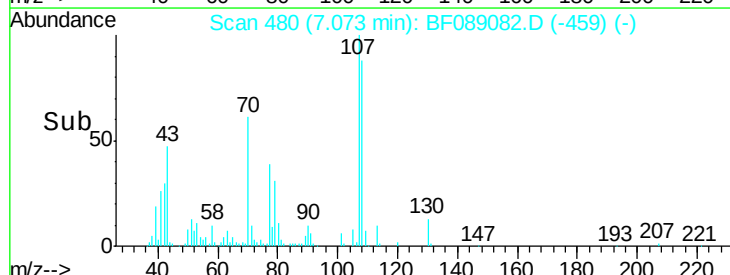
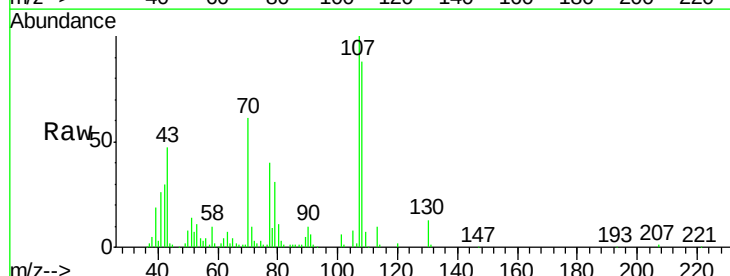
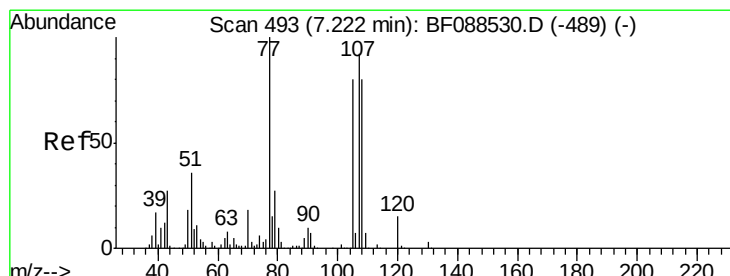
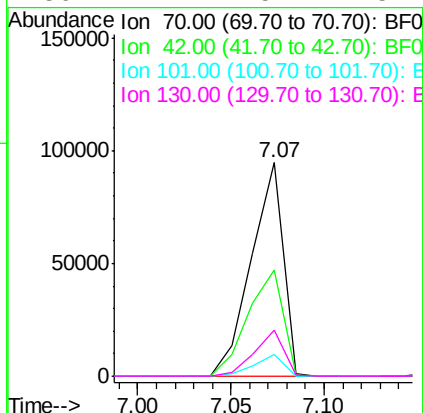




#19
n-Nitroso-di-n-propylamine
Concen: 40.19 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

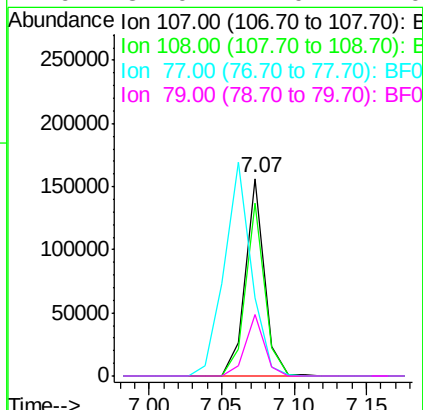
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

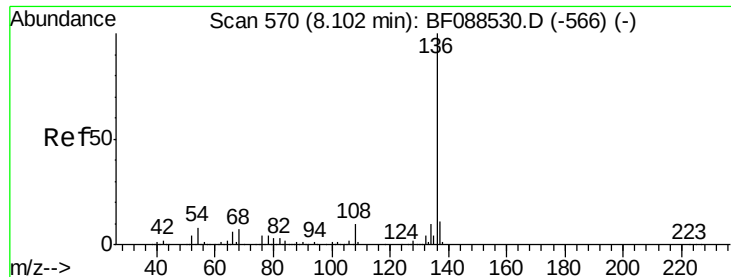
Tot Ion:	70	Resp:	112427
Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.6	74.4
101	10.2	7.1	10.7
130	21.4	15.4	23.2



#20
3+4-Methylphenols
Concen: 42.11 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.06 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:	107	Resp:	142837
Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.8	107.8
77	39.5	59.3	99.3#
79	31.0	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 214443

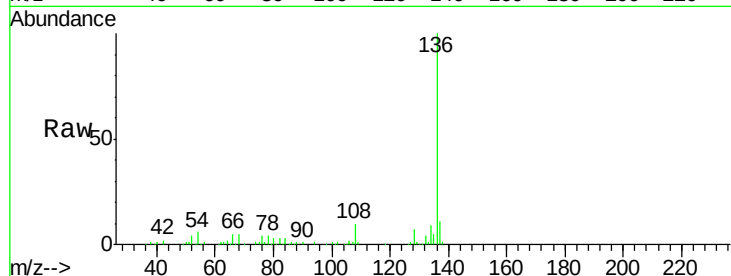
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.3 6.6 10.0#

68 5.0 5.1 7.7#

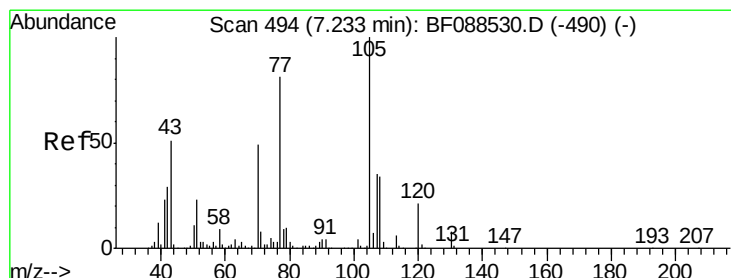
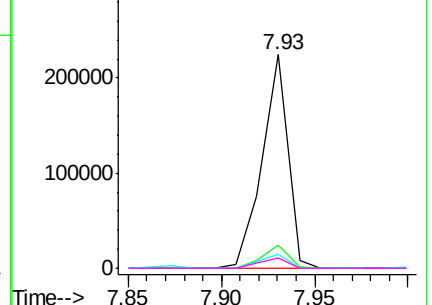
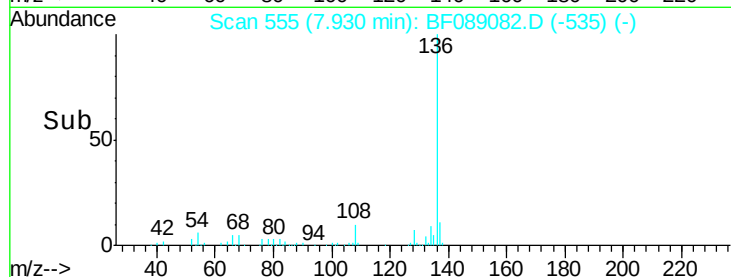


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.65 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Tgt Ion:105 Resp: 216758

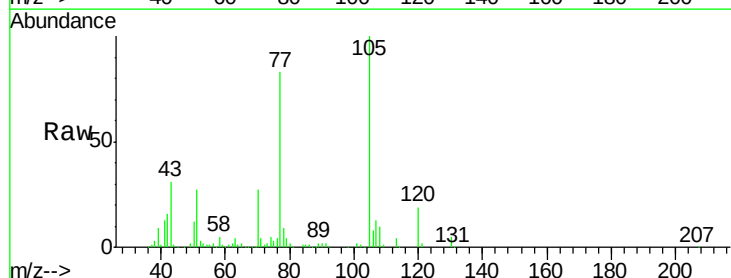
Ion Ratio Lower Upper

105 100

71 4.3 5.3 7.9#

51 26.5 18.2 27.4

120 19.4 18.0 27.0

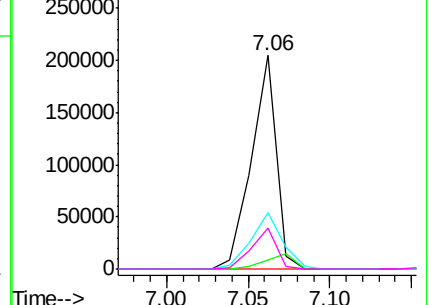
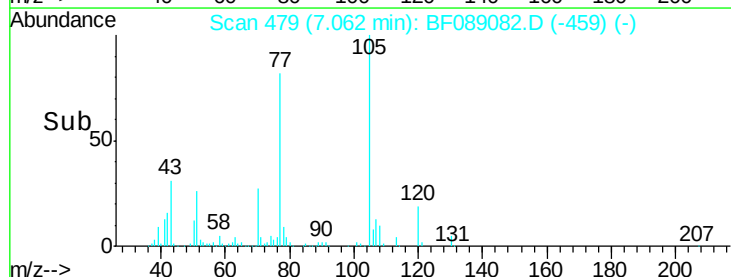


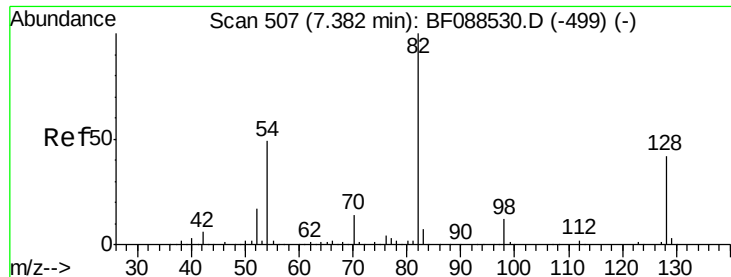
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

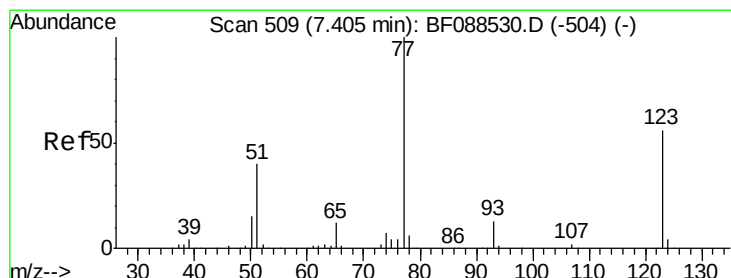
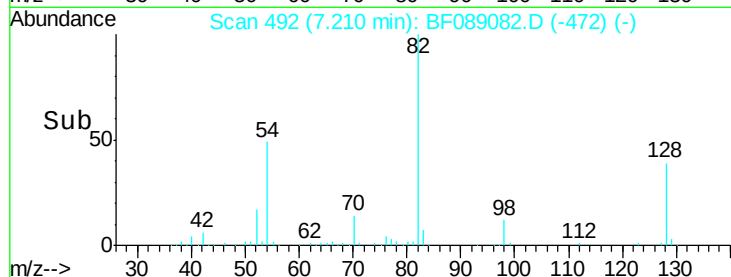
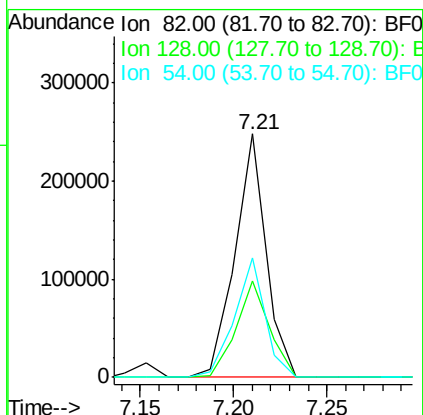
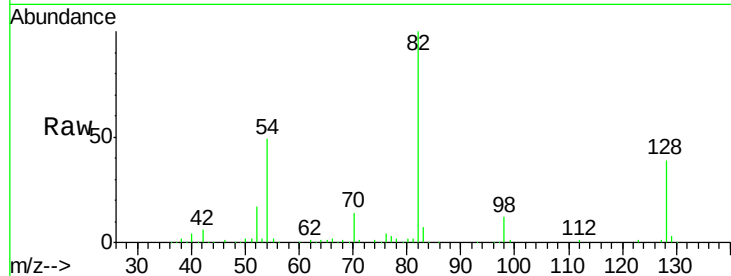




#23
Nitrobenzene-d5
Concen: 70.44 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

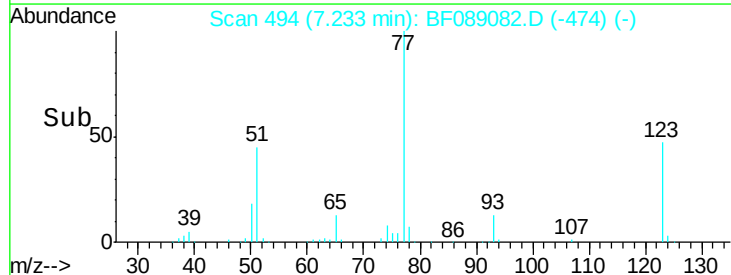
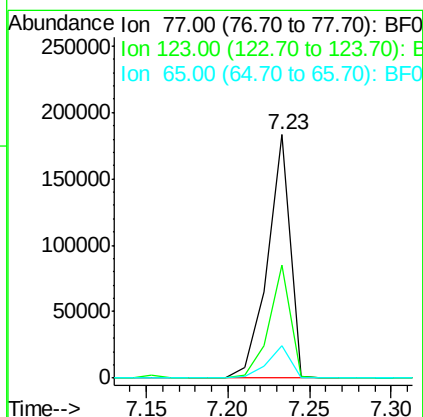
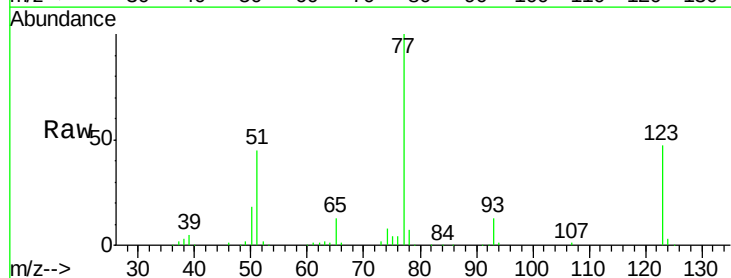
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

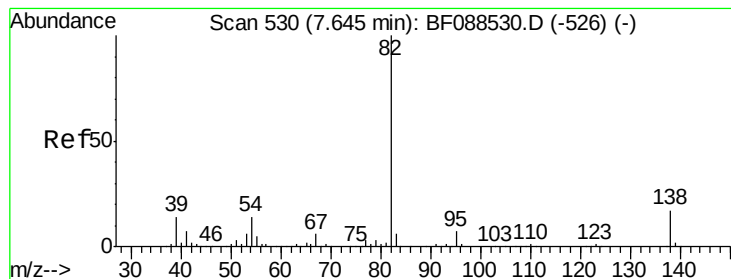
Tot Ion	82	Resp	288253
Ion Ratio	100	Lower	Upper
128	39.5	35.9	53.9
54	49.3	40.9	61.3



#24
Nitrobenzene
Concen: 42.81 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion	77	Resp	176633
Ion Ratio	100	Lower	Upper
123	46.6	45.0	67.4
65	13.3	10.2	15.2





#25

Isophorone

Concen: 35.58 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

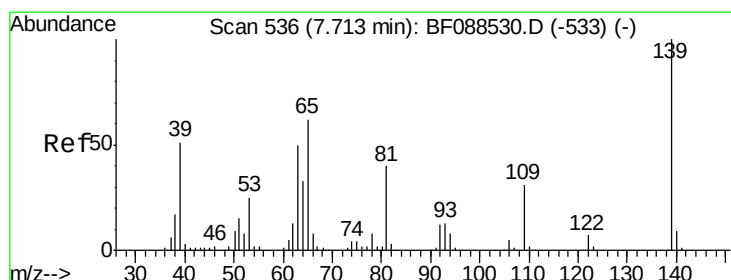
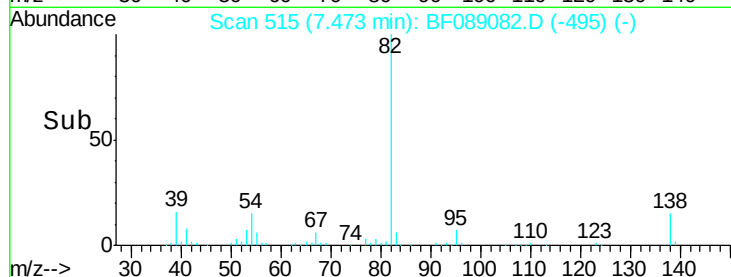
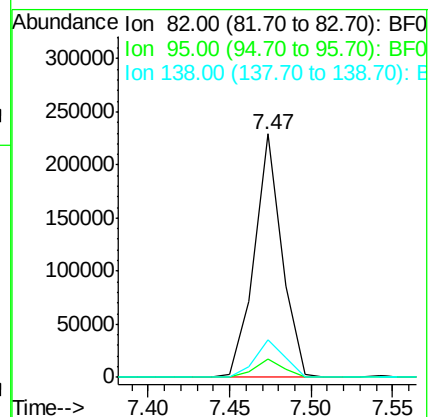
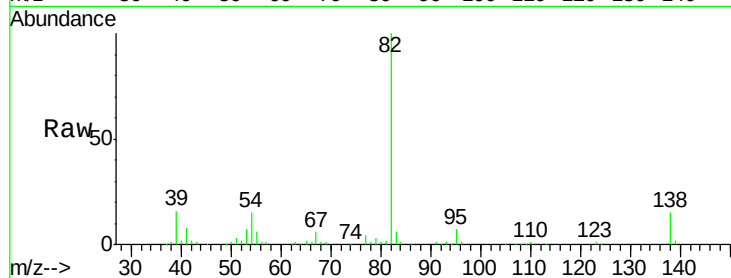
Tot Ion: 82 Resp: 269673

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

138 15.3 14.6 21.8



#26

2-Nitrophenol

Concen: 46.33 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

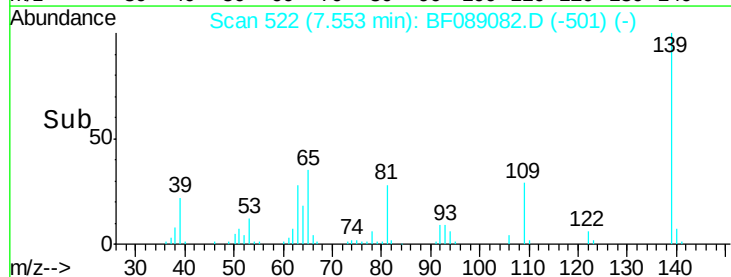
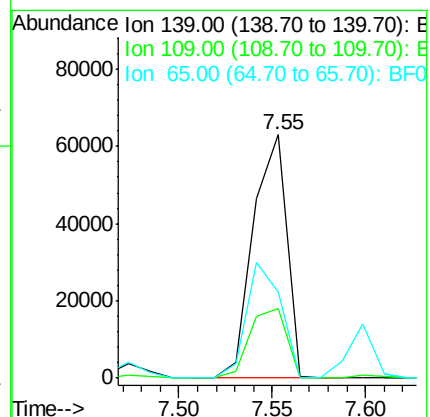
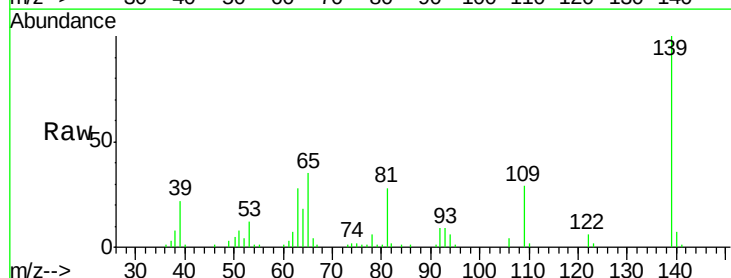
Tgt Ion: 139 Resp: 78387

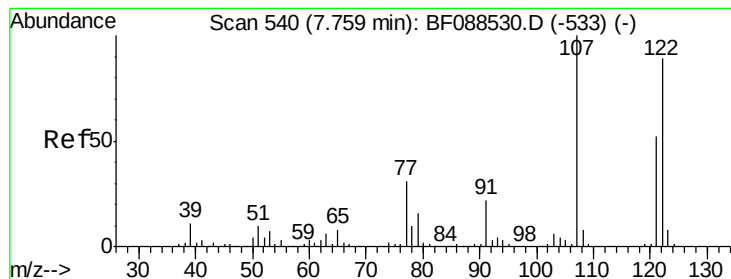
Ion Ratio Lower Upper

139 100

109 28.6 23.0 34.4

65 35.1 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 34.22 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

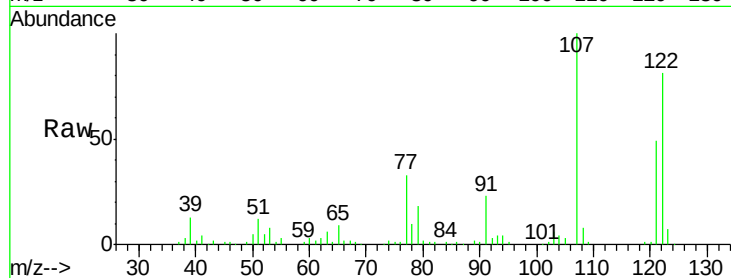
Tot Ion:122 Resp: 120590

Ion Ratio Lower Upper

122 100

107 124.0 82.4 123.6#

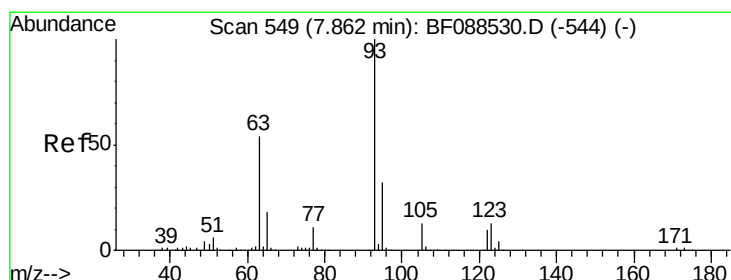
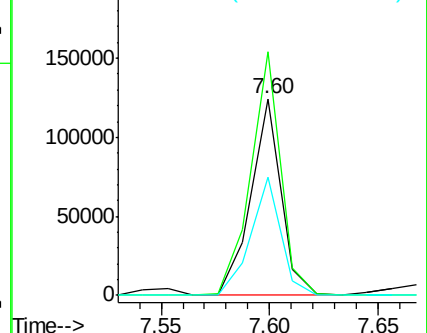
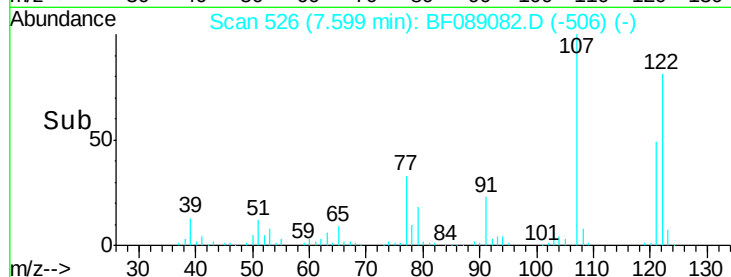
121 60.3 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.06 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

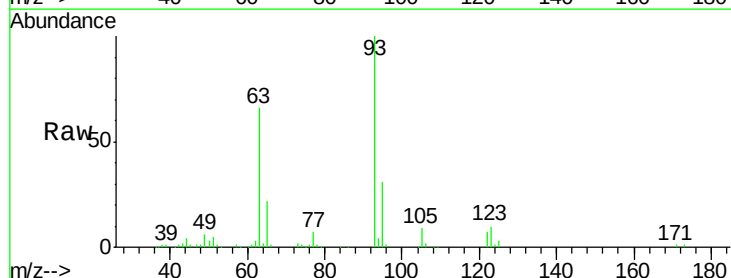
Tgt Ion: 93 Resp: 172959

Ion Ratio Lower Upper

93 100

95 31.0 26.5 39.7

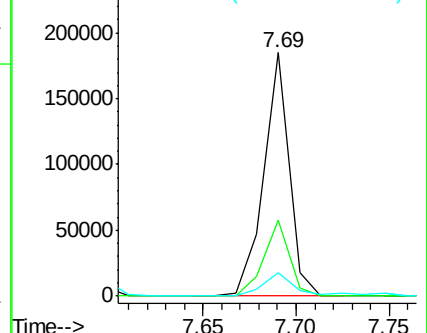
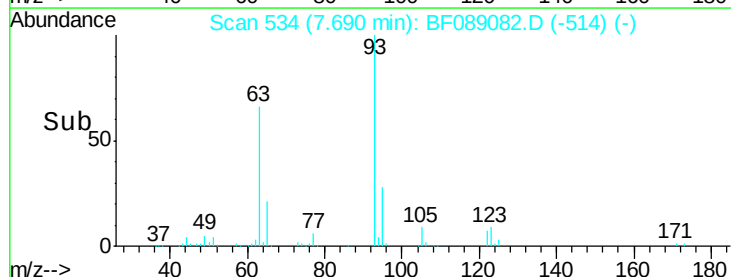
123 9.9 11.6 17.4#

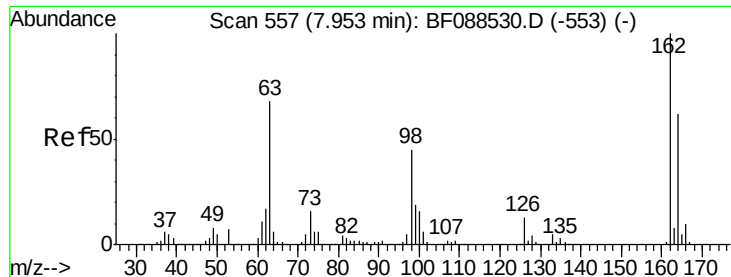


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

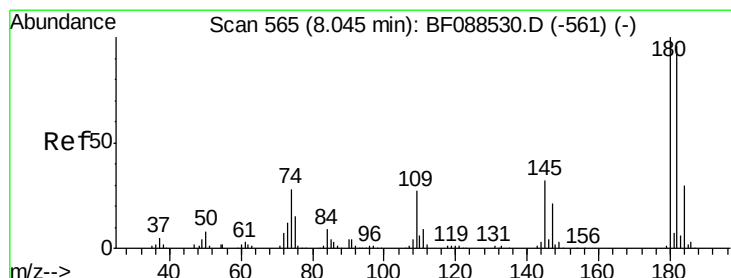
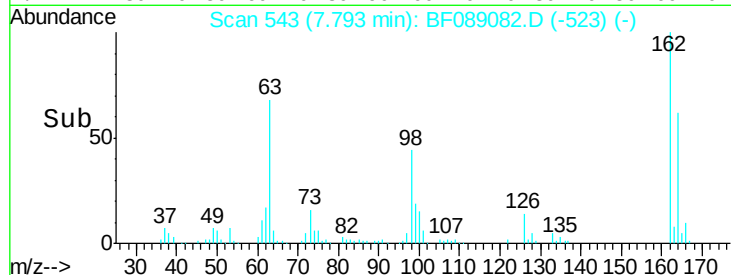
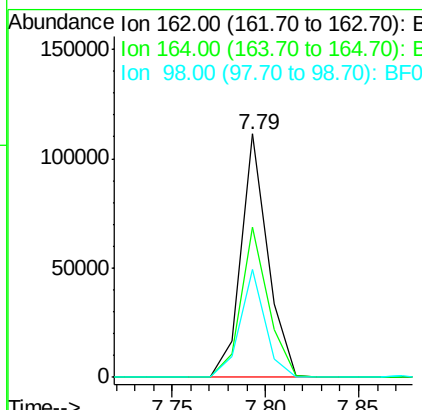
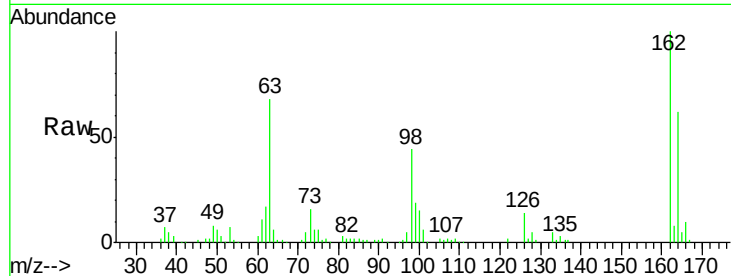




#29
 2,4-Dichlorophenol
 Concen: 39.11 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

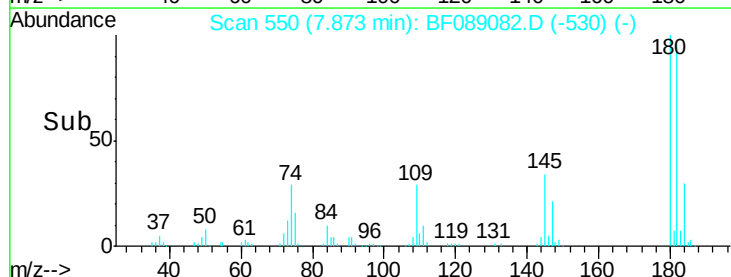
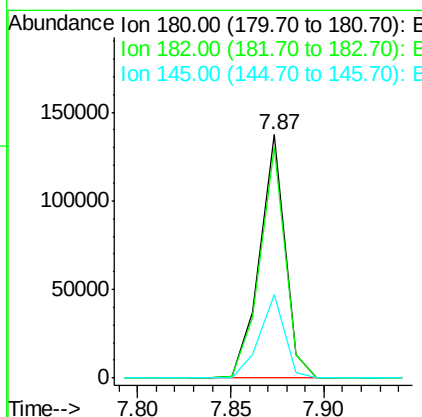
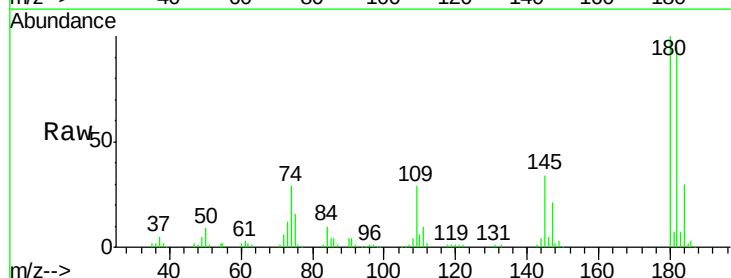
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

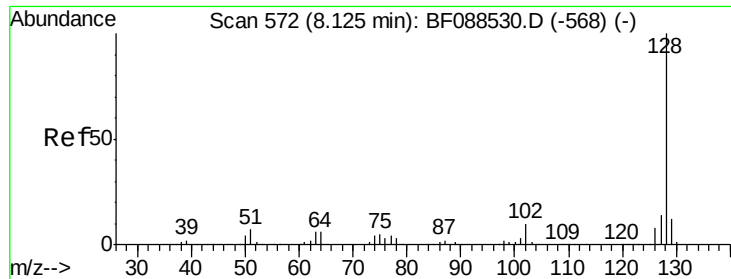
Tot Ion:162 Resp: 111383
 Ion Ratio Lower Upper
 162 100
 164 61.7 43.8 83.8
 98 44.5 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.25 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:180 Resp: 128906
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.0 114.0
 145 34.1 26.5 39.7

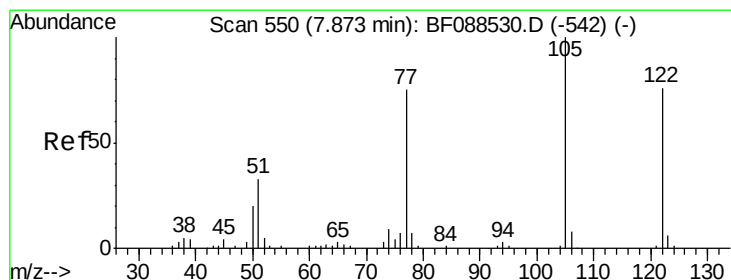
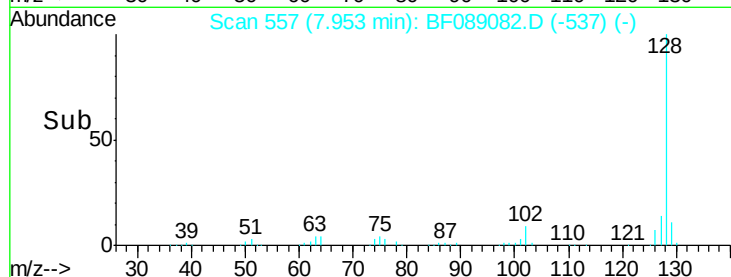
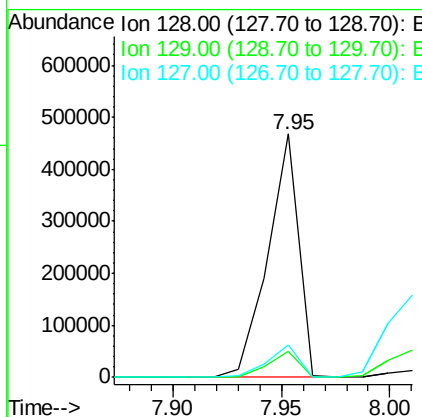
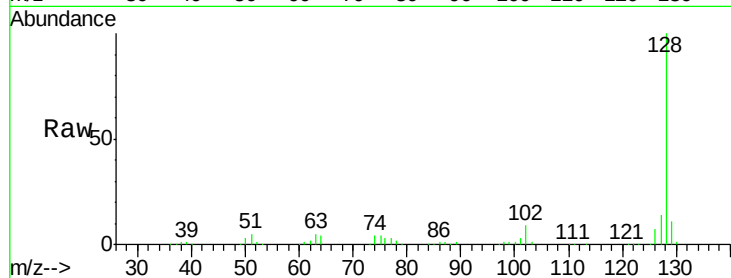




#31
Naphthalene
Concen: 43.89 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

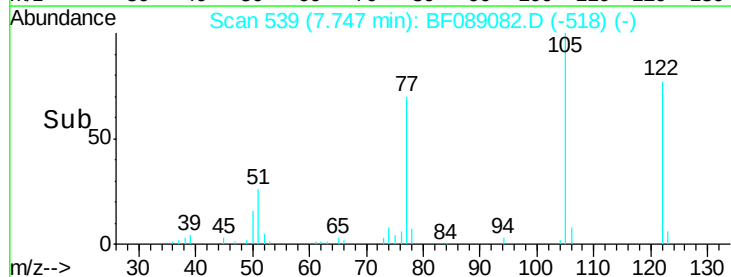
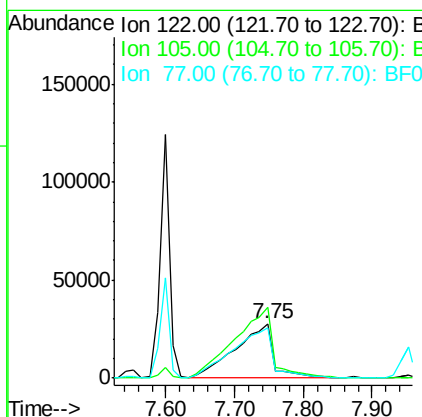
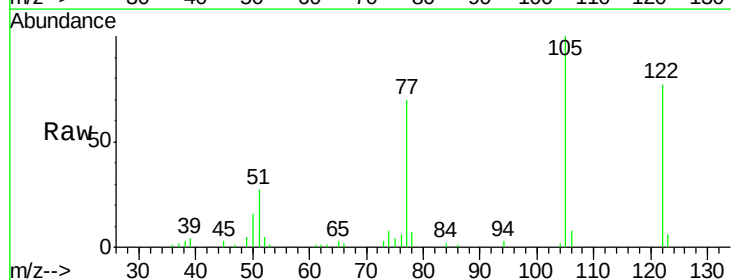
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

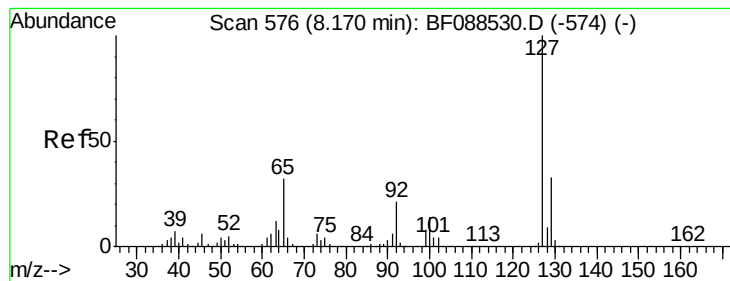
Tot Ion:128 Resp: 463979
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 41.92 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.06 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:122 Resp: 107251
Ion Ratio Lower Upper
122 100
105 130.4 101.6 141.6
77 91.7 70.6 110.6





#33

4-Chloroaniline

Concen: 40.25 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 189319

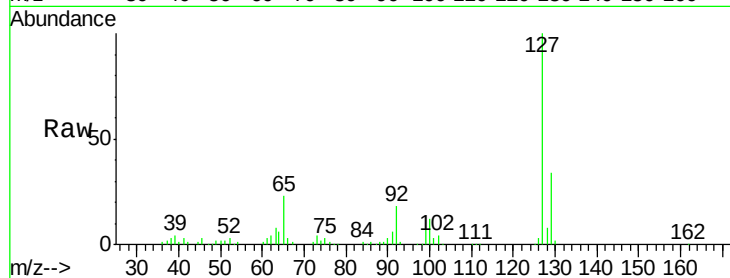
Ion Ratio Lower Upper

127 100

129 33.5 26.3 39.5

65 22.5 24.7 37.1#

92 17.8 15.4 23.0

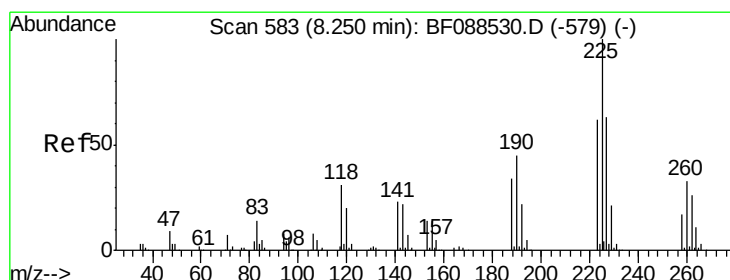
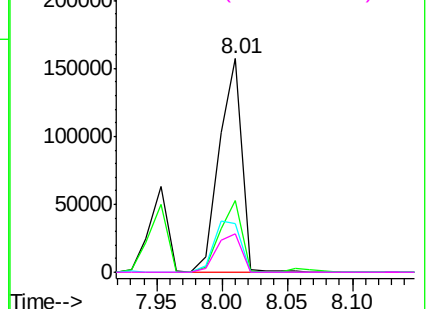
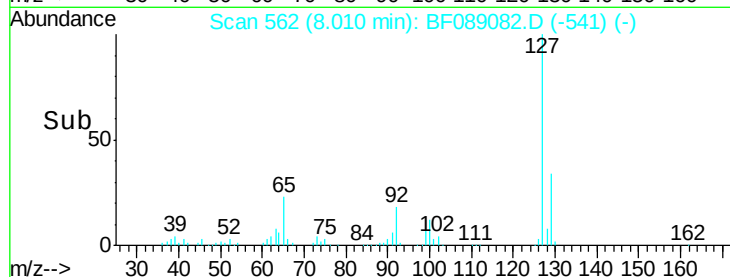


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.40 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.08 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

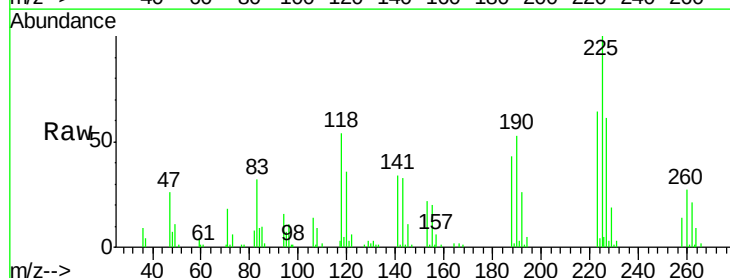
Tgt Ion:225 Resp: 67607

Ion Ratio Lower Upper

225 100

223 64.3 50.9 76.3

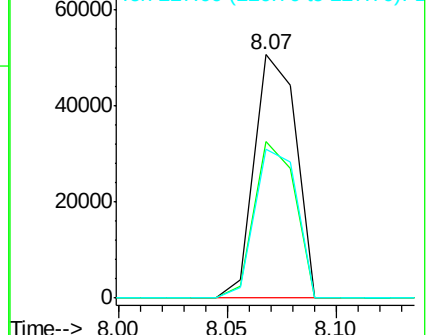
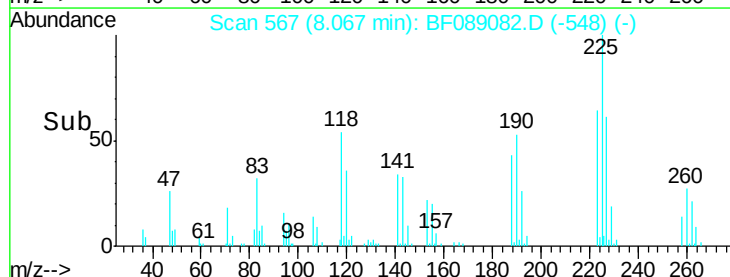
227 61.1 51.9 77.9

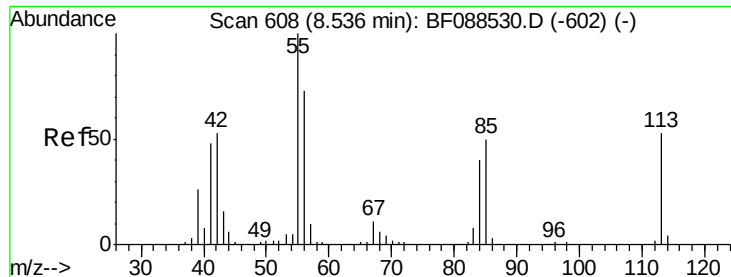


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

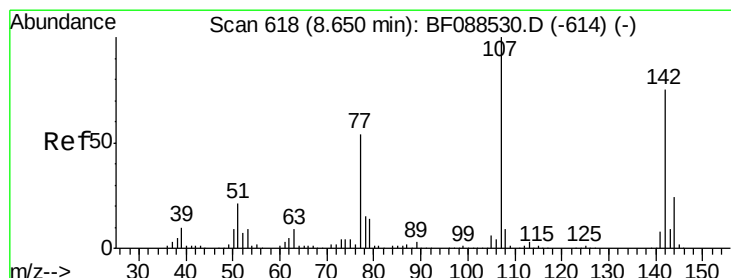
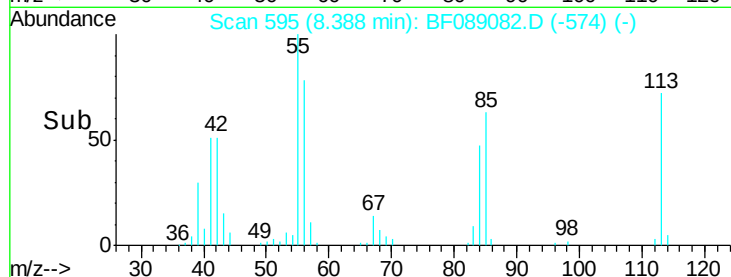
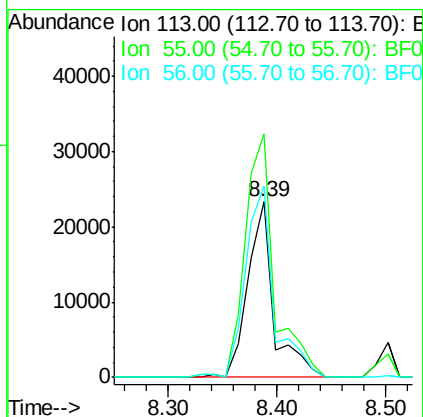
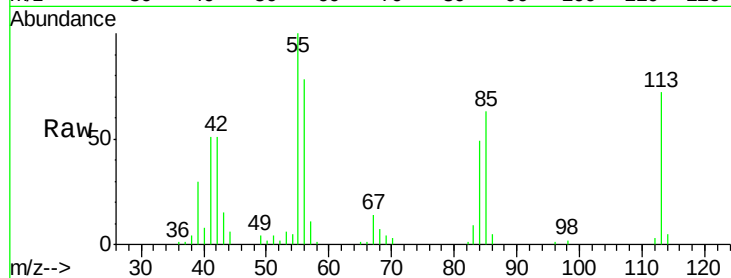




#35
 Caprolactam
 Concen: 39.65 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

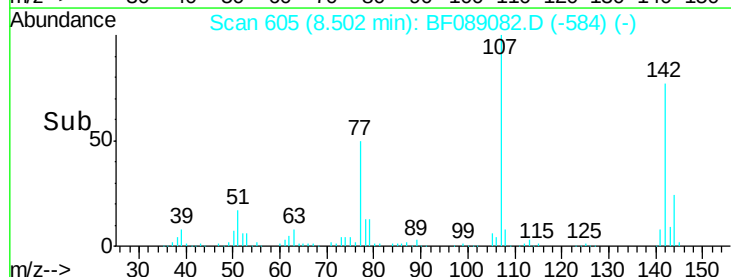
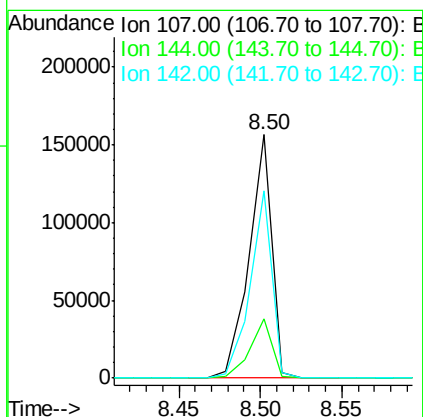
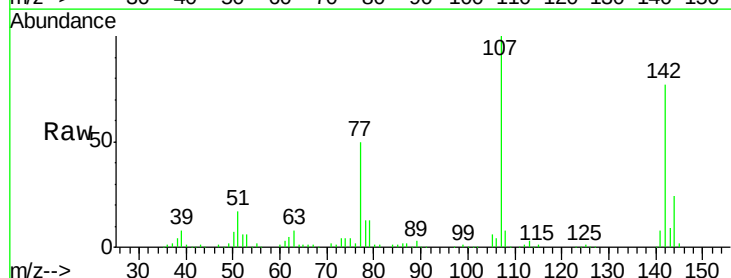
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

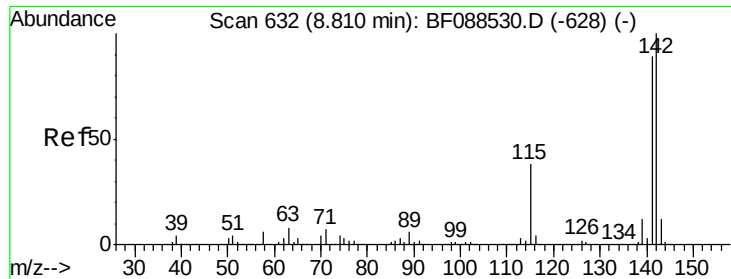
Tot Ion:113 Resp: 38346
 Ion Ratio Lower Upper
 113 100
 55 138.9 158.6 198.6#
 56 108.9 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 44.98 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:107 Resp: 151495
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 77.1 63.4 95.2

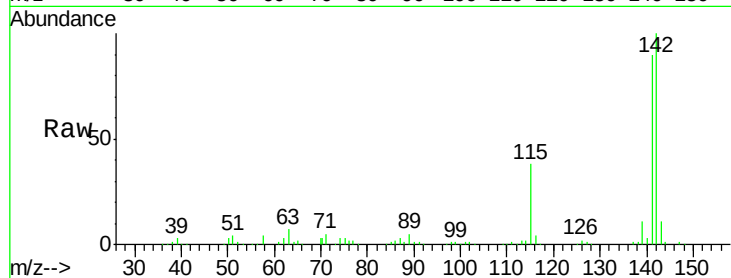




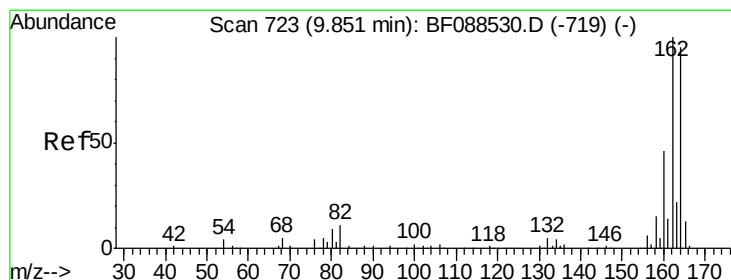
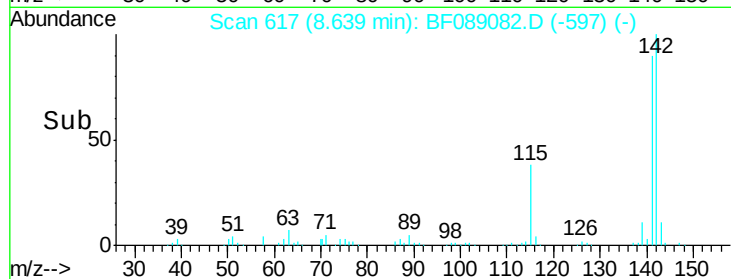
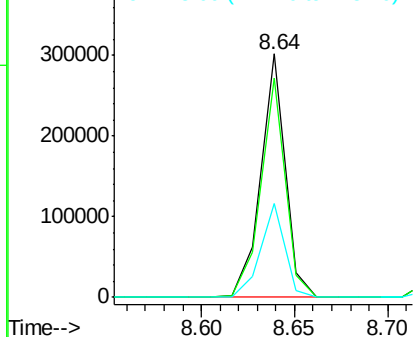
#37
2-Methylnaphthalene
Concen: 40.15 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 273293
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 38.4 22.6 33.8#

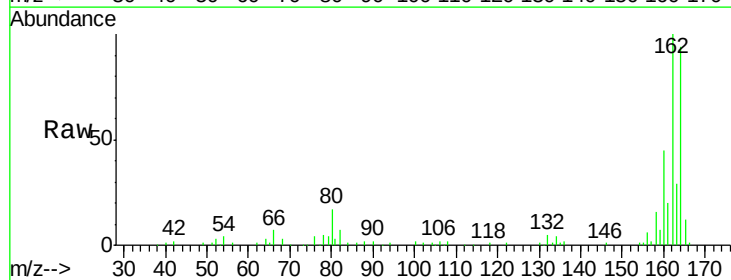


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

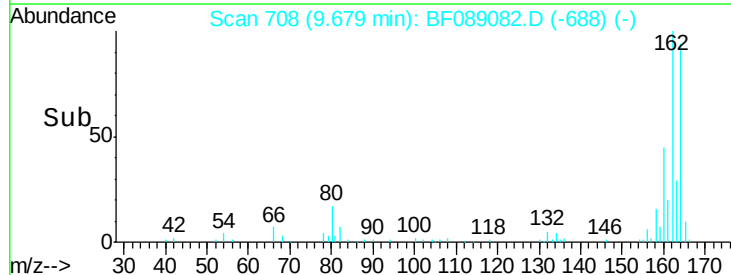
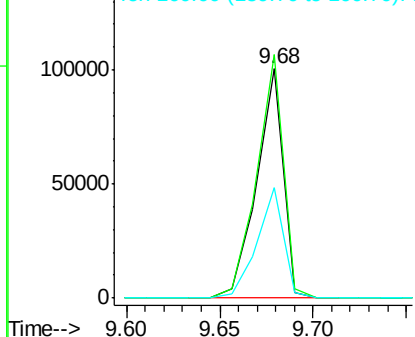


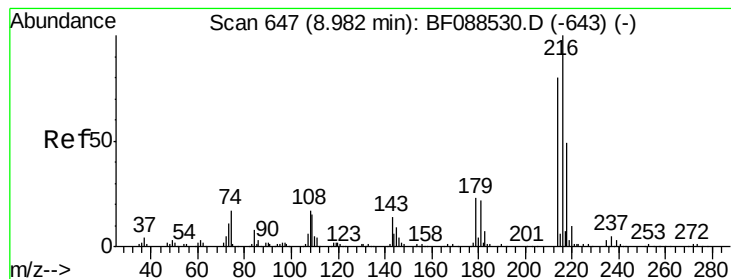
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:164 Resp: 99820
Ion Ratio Lower Upper
164 100
162 106.2 85.4 128.2
160 48.0 39.5 59.3



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: 46.78 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 155297

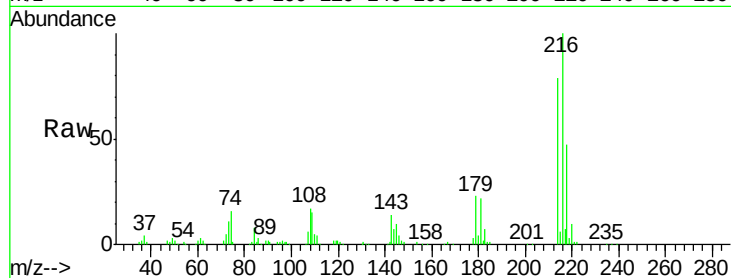
Ion Ratio Lower Upper

216 100

214 78.7 2.9 4.3#

179 23.7 0.0 0.0#

108 20.8 0.5 0.7#

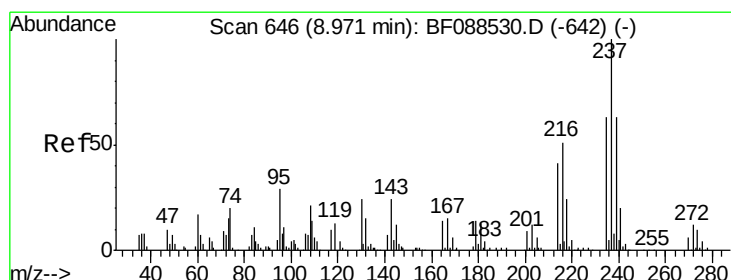
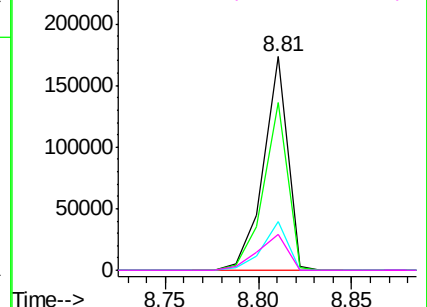
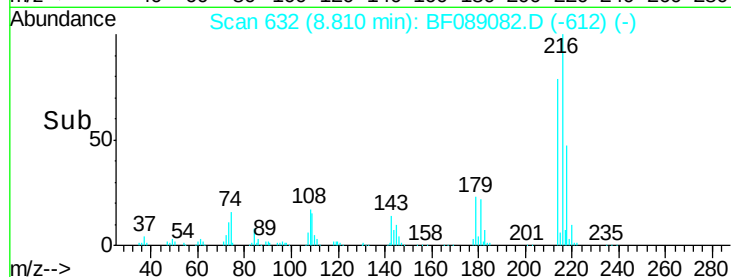


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.89 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

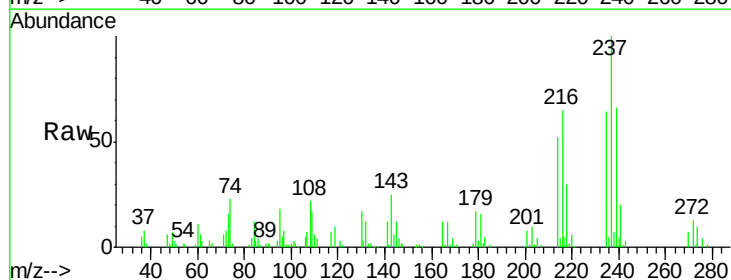
Tgt Ion:237 Resp: 61747

Ion Ratio Lower Upper

237 100

235 63.8 43.4 83.4

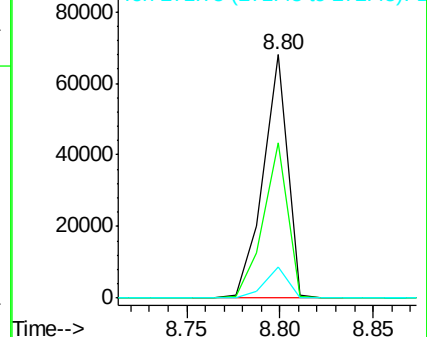
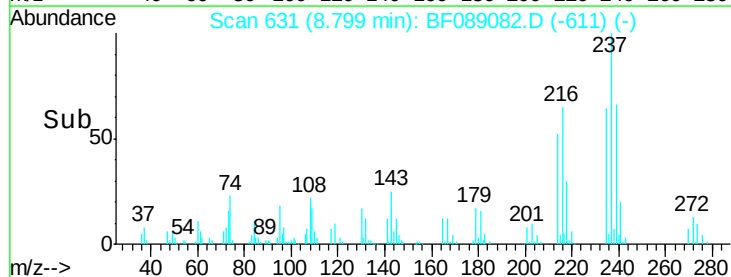
272 12.8 0.0 32.3

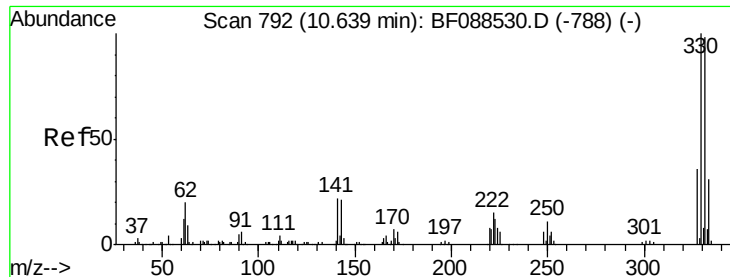


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

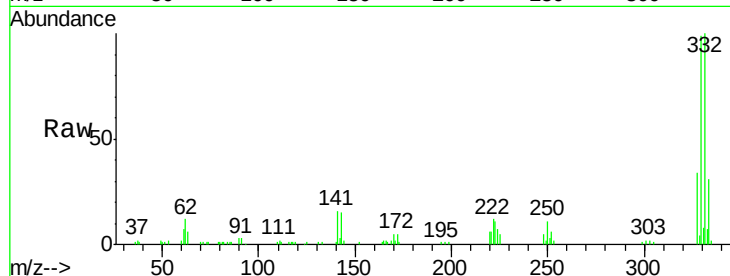




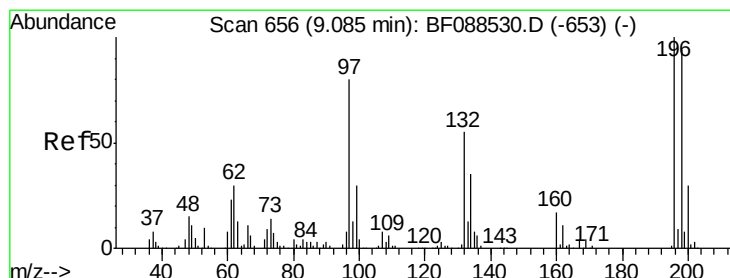
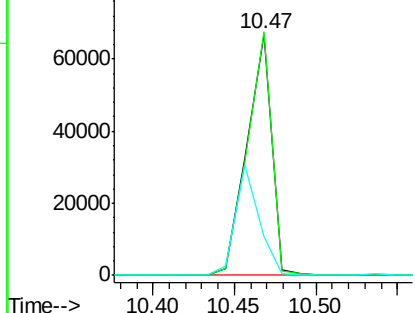
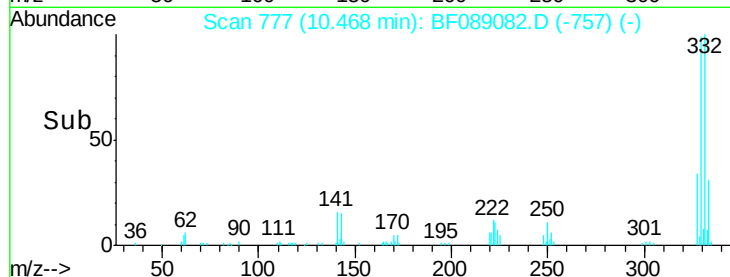
#41
 2,4,6-Tribromophenol
 Concen: 76.40 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 70816
 Ion Ratio Lower Upper
 330 100
 332 99.4 0.0 0.0#
 141 42.9 0.0 0.0#

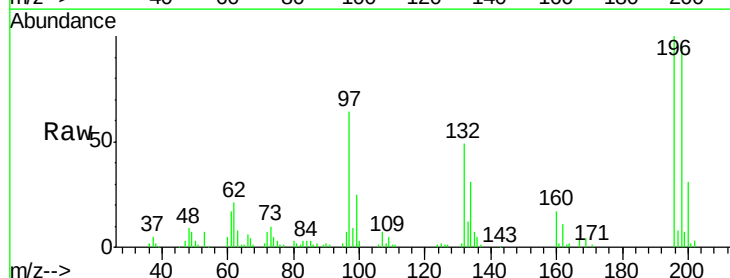


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

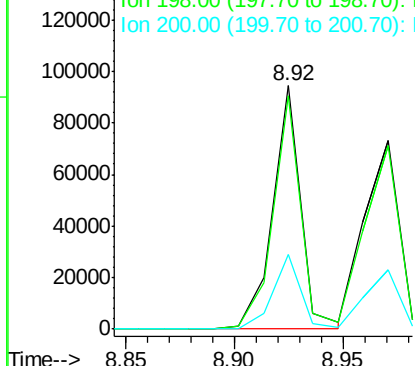
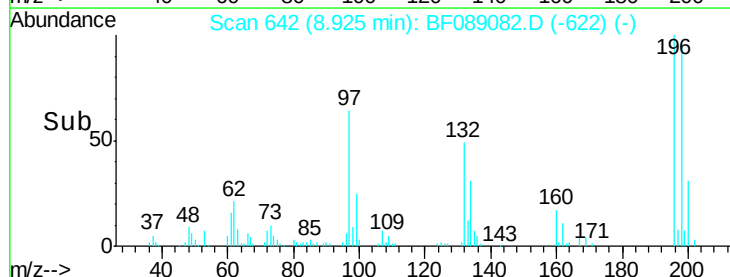


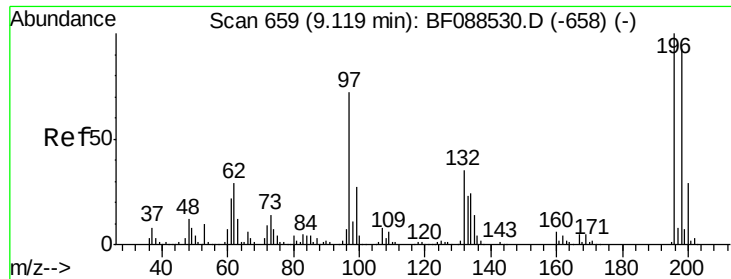
#42
 2,4,6-Trichlorophenol
 Concen: 38.98 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:196 Resp: 85319
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.0 117.0
 200 30.8 25.4 38.2



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

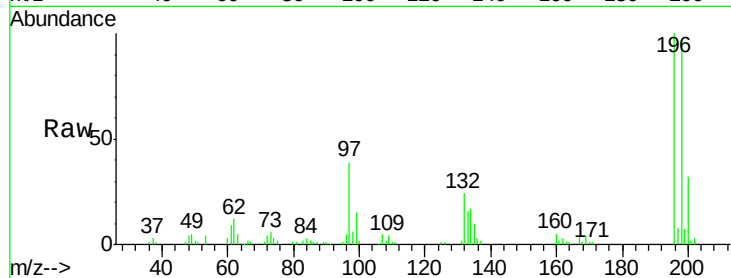




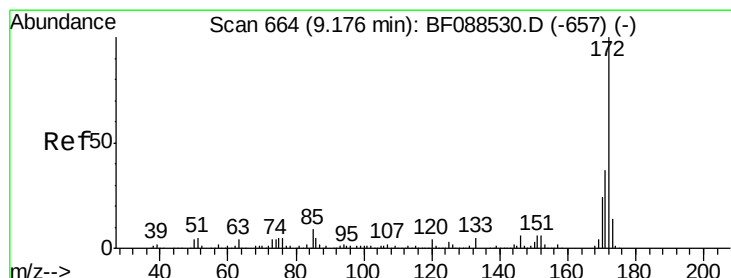
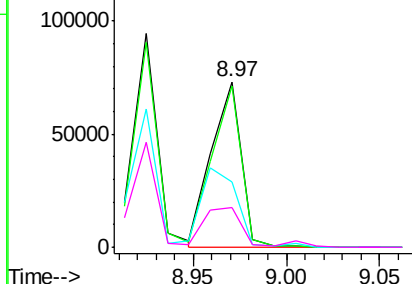
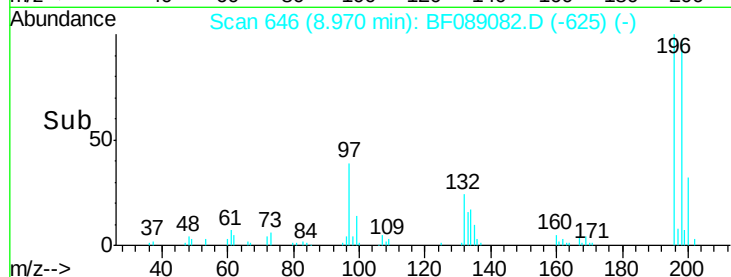
#43
 2,4,5-Trichlorophenol
 Concen: 43.38 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 81710
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.5 116.3
 97 39.4 32.0 48.0
 132 24.1 20.9 31.3

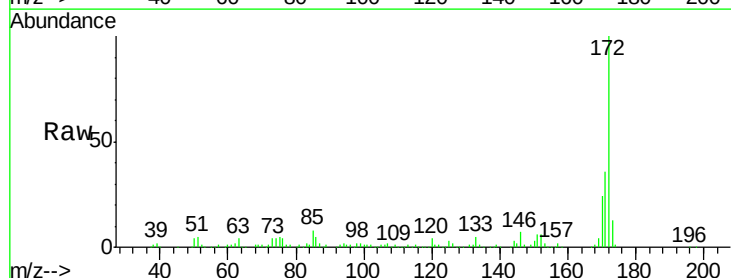


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

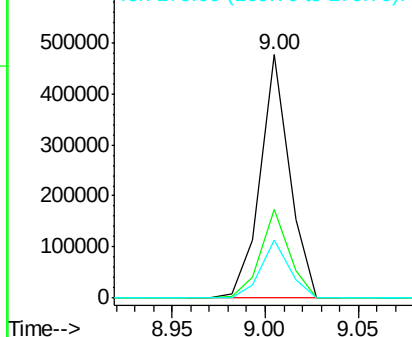
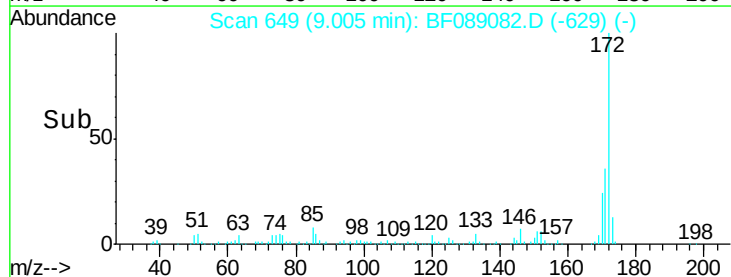


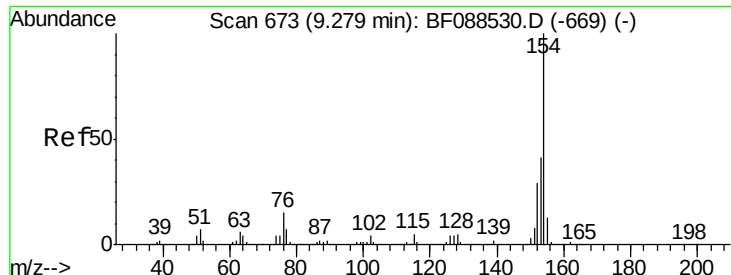
#44
 2-Fluorobiphenyl
 Concen: 81.63 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:172 Resp: 515854
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 23.7 19.2 28.8



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: 46.00 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

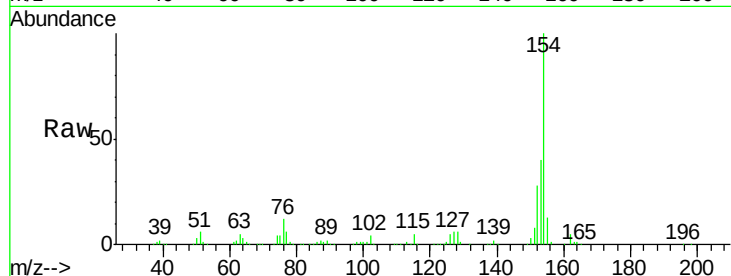
Tot Ion:154 Resp: 380215

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

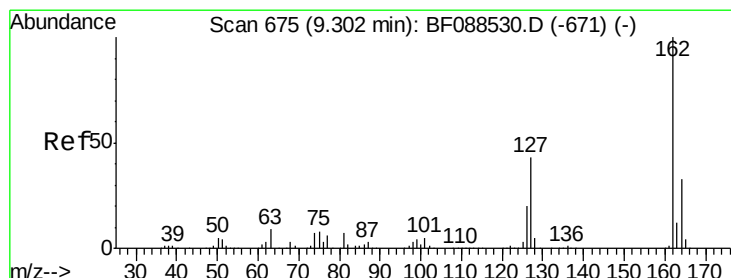
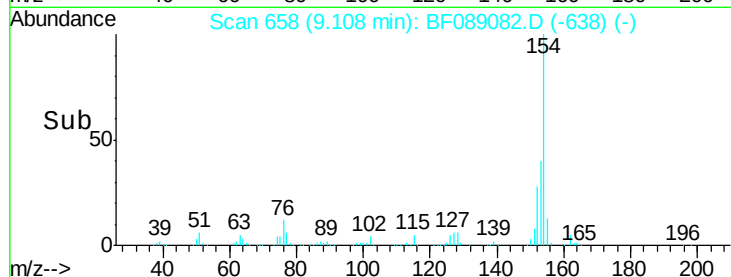
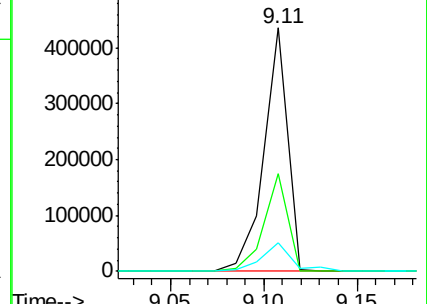
76 11.7 0.0 35.1



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: 43.57 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

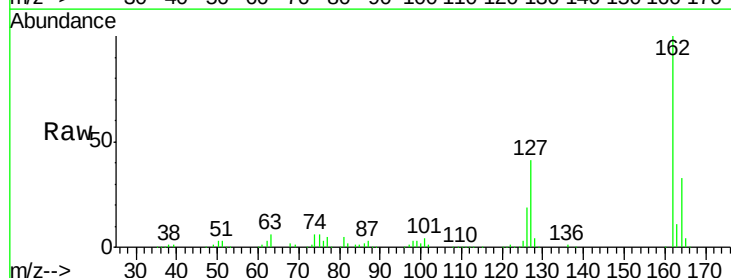
Tgt Ion:162 Resp: 282749

Ion Ratio Lower Upper

162 100

127 41.3 35.2 52.8

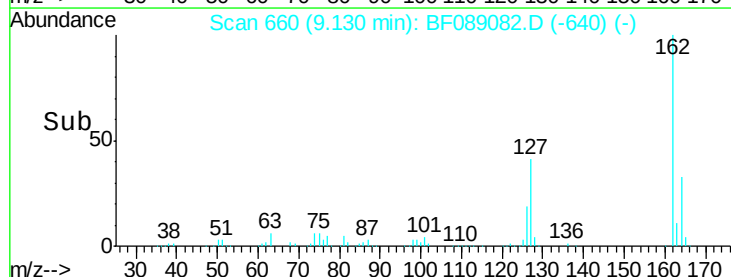
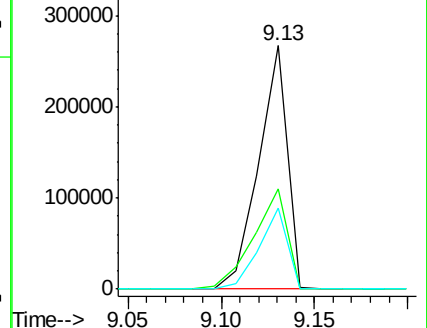
164 33.4 26.6 39.8

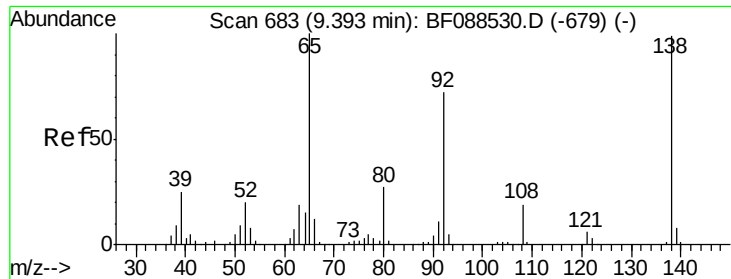


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

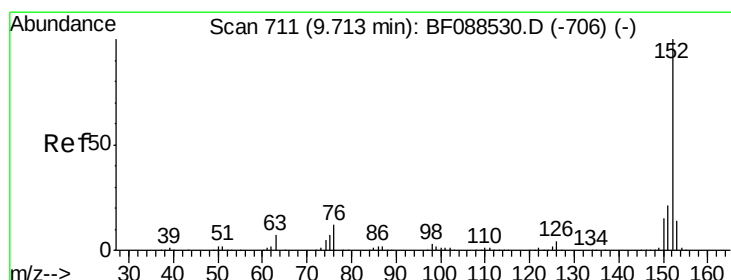
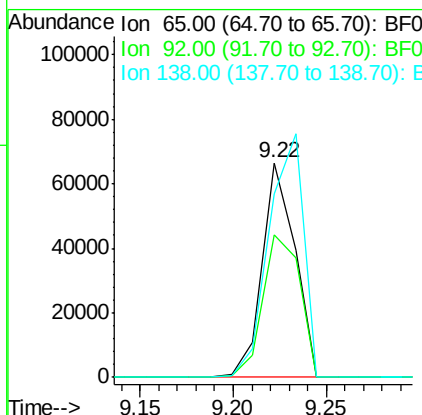
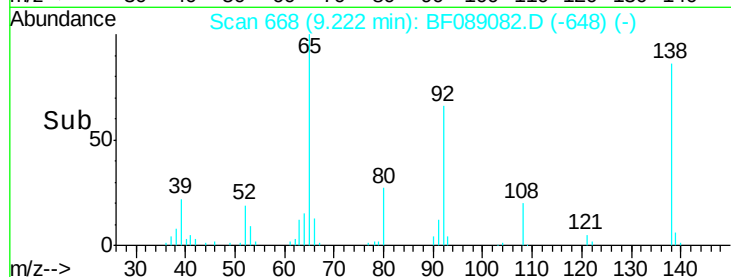
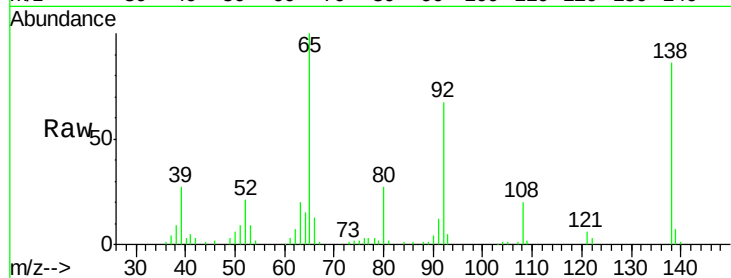




#47
 2-Nitroaniline
 Concen: 35.02 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

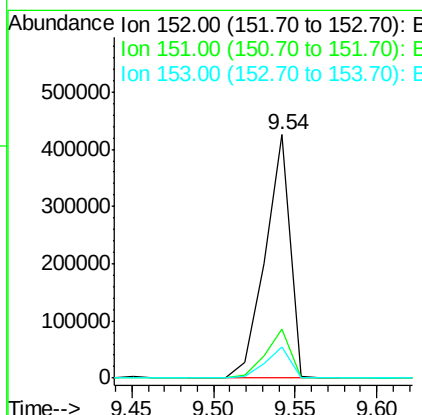
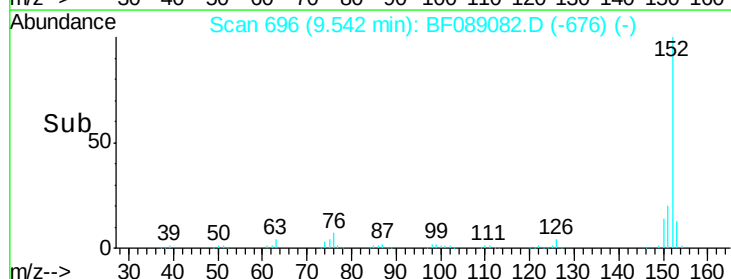
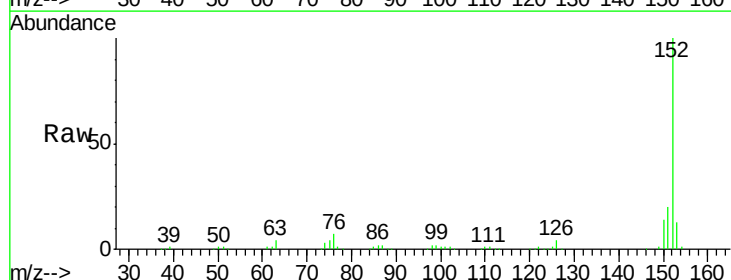
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

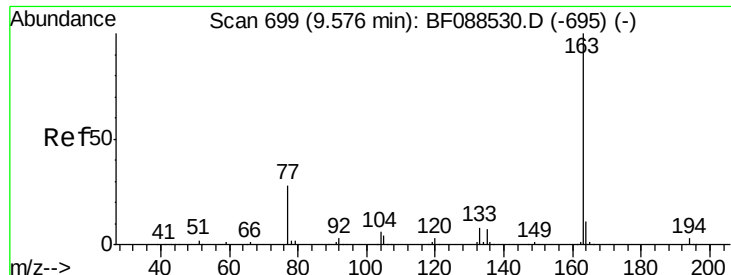
Tot Ion: 65 Resp: 80648
 Ion Ratio Lower Upper
 65 100
 92 66.6 54.6 82.0
 138 85.6 77.0 115.4



#48
 Acenaphthylene
 Concen: 43.62 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion: 152 Resp: 450382
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 12.8 11.0 16.6





#49

Dimethylphthalate

Concen: 43.98 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

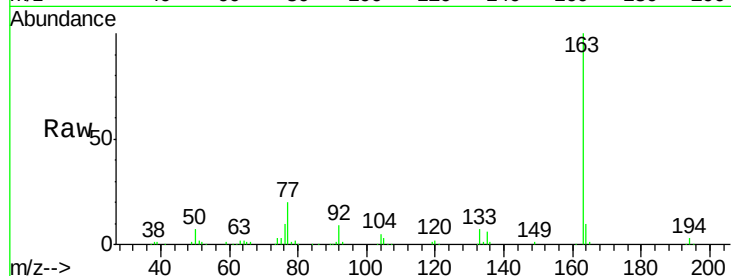
Tot Ion:163 Resp: 312797

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

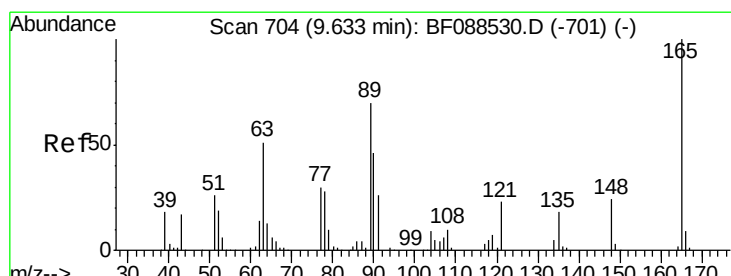
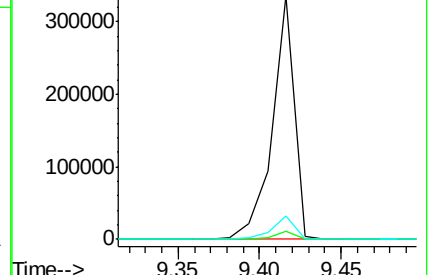
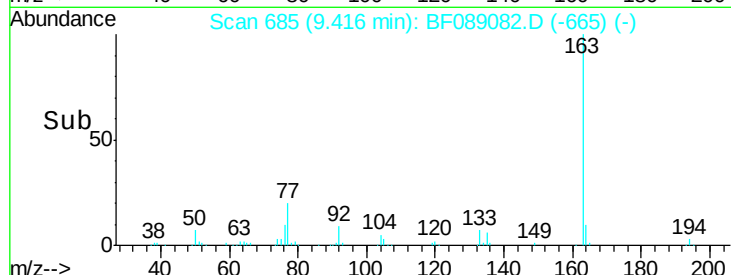
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.63 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

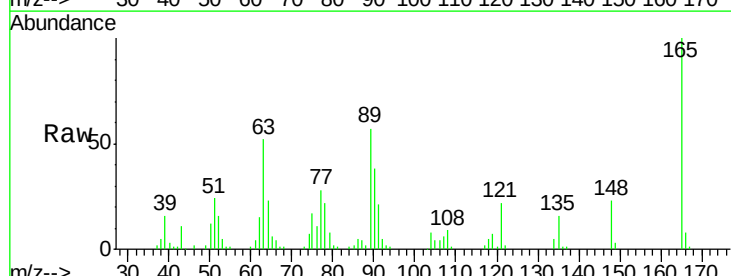
Tgt Ion:165 Resp: 71919

Ion Ratio Lower Upper

165 100

63 52.2 28.1 42.1#

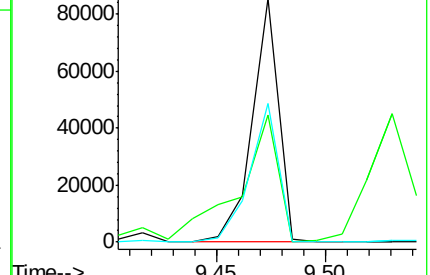
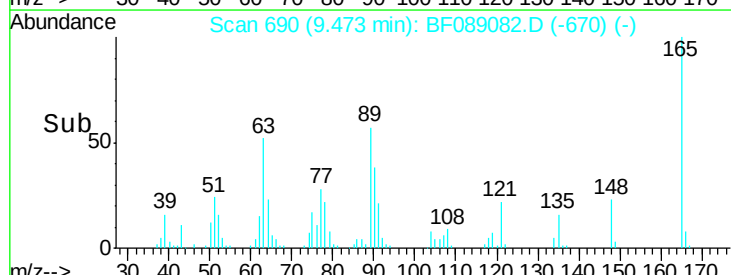
89 56.9 32.2 48.2#

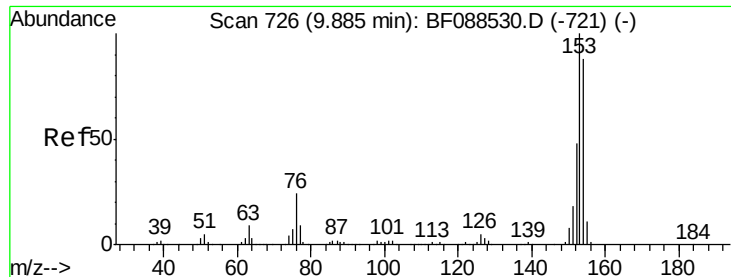


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.78 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

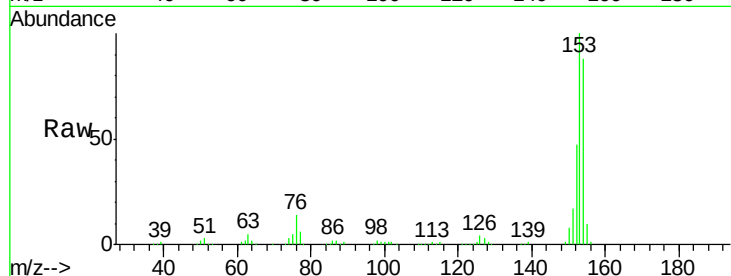
Tot Ion:154 Resp: 270779

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

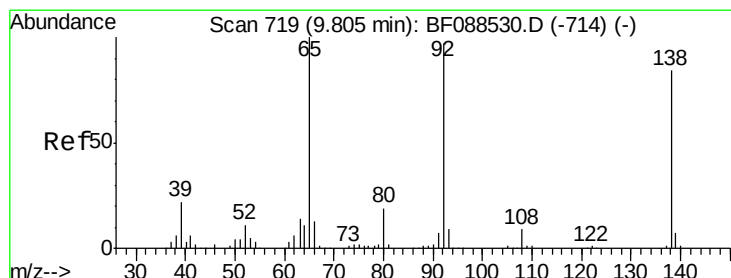
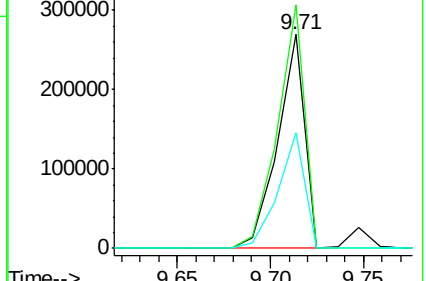
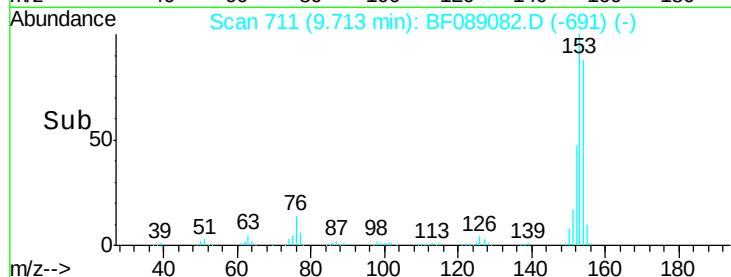
152 53.9 42.7 64.1



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: 37.43 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

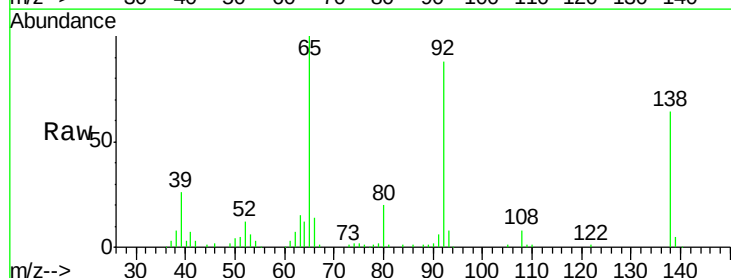
Tgt Ion:138 Resp: 75000

Ion Ratio Lower Upper

138 100

108 12.9 8.5 12.7#

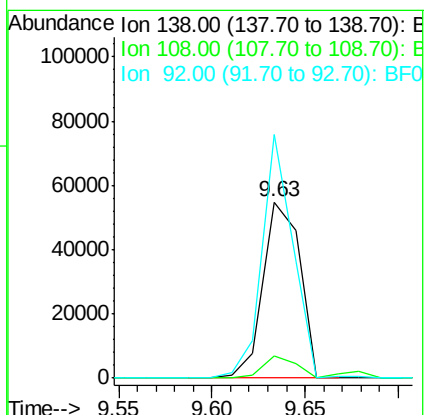
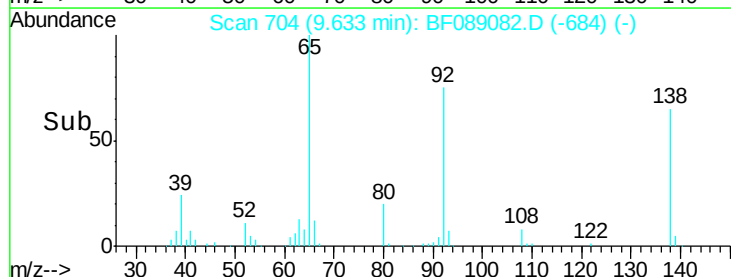
92 138.2 95.7 143.5

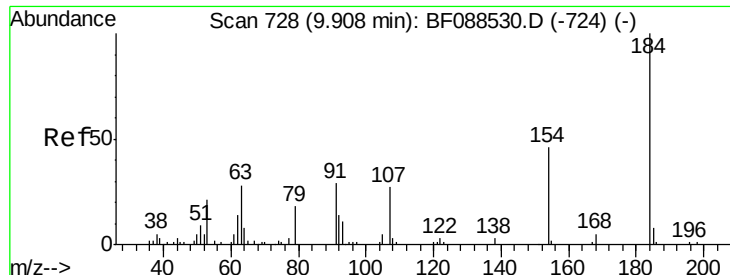


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

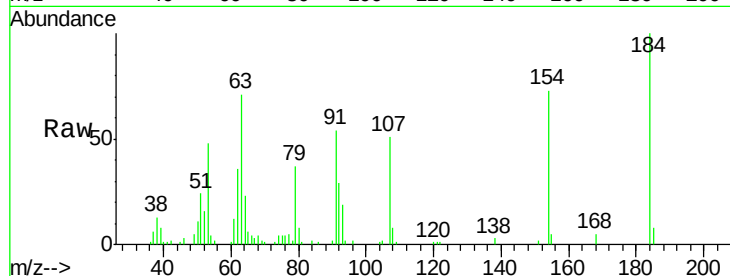




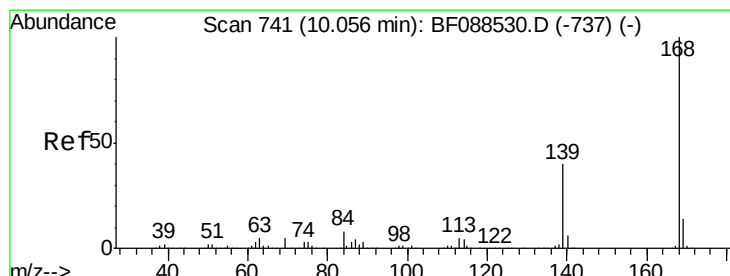
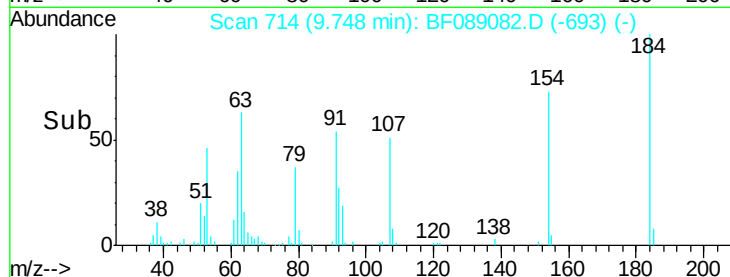
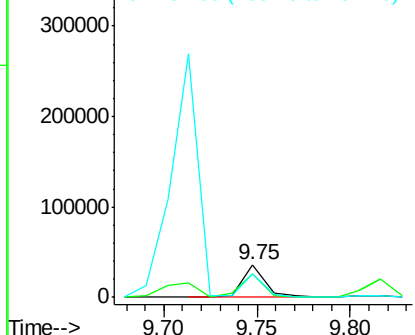
#53
 2,4-Dinitrophenol
 Concen: 44.89 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.06 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 31238
 Ion Ratio Lower Upper
 184 100
 63 71.0 57.6 86.4
 154 73.0 53.5 80.3

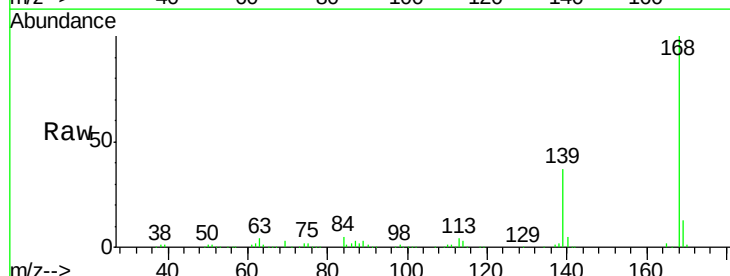


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

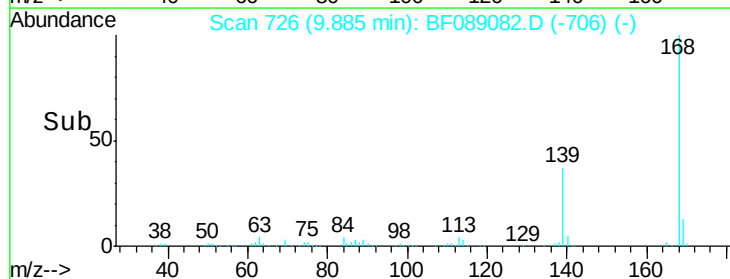
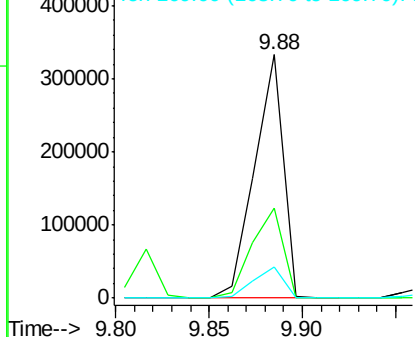


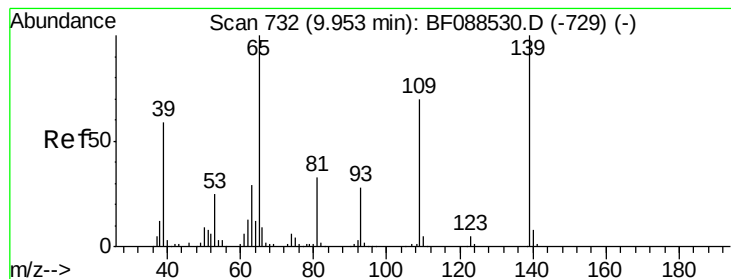
#54
 Dibenzofuran
 Concen: 42.70 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:168 Resp: 353718
 Ion Ratio Lower Upper
 168 100
 139 37.2 26.4 39.6
 169 12.8 10.4 15.6



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





#55

4-Nitrophenol

Concen: 39.20 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

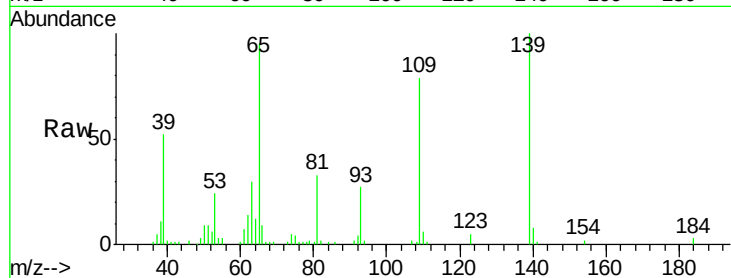
Tot Ion:139 Resp: 59682

Ion Ratio Lower Upper

139 100

109 78.7 48.9 88.9

65 95.2 84.9 124.9

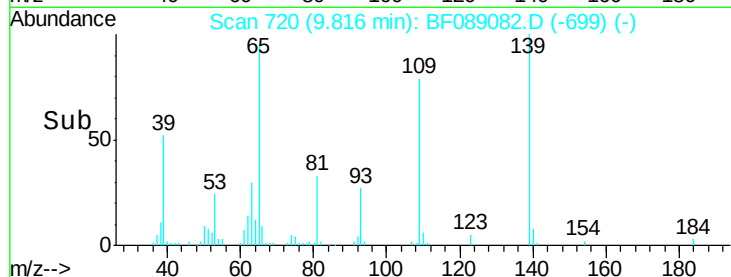


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->

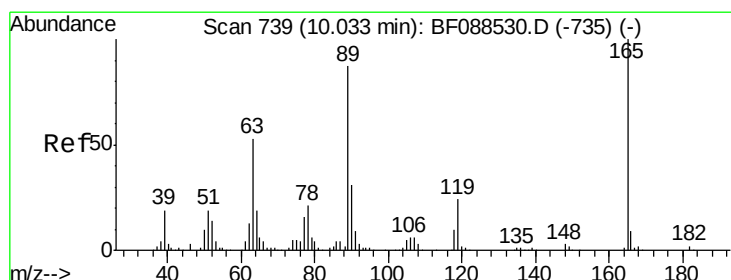


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



#56

2,4-Dinitrotoluene

Concen: 40.28 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Tgt Ion:165 Resp: 83014

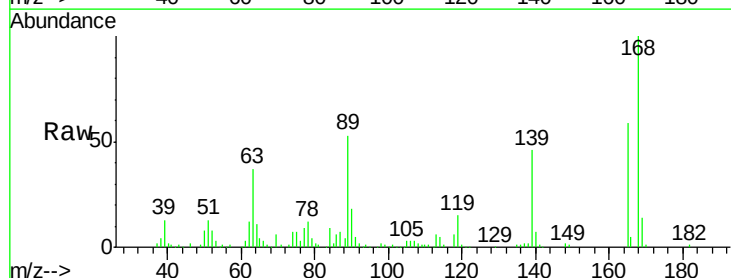
Ion Ratio Lower Upper

165 100

63 62.7 22.0 33.0#

89 89.2 41.1 61.7#

182 2.4 2.0 3.0



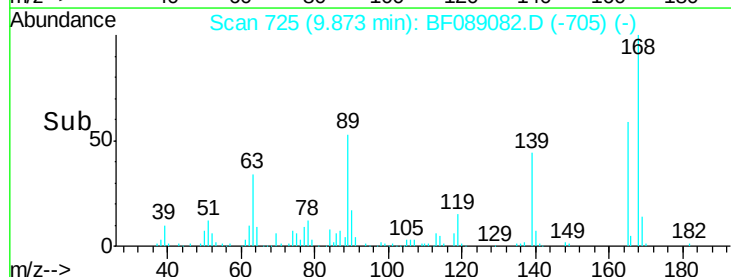
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



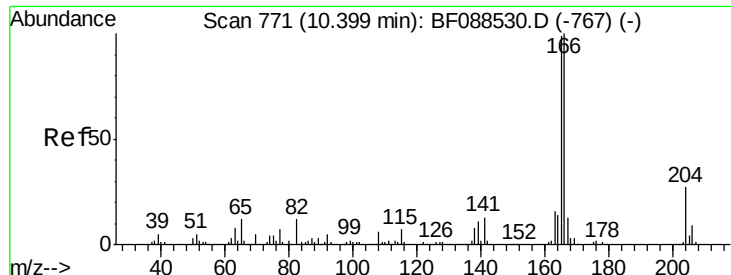
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

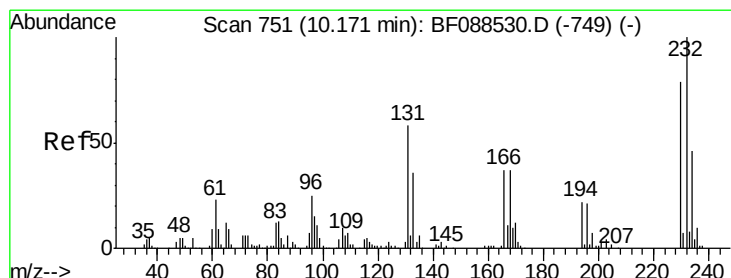
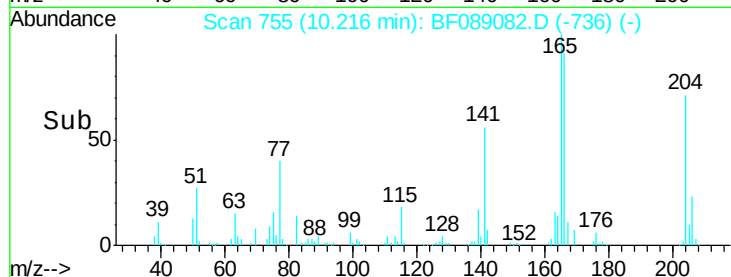
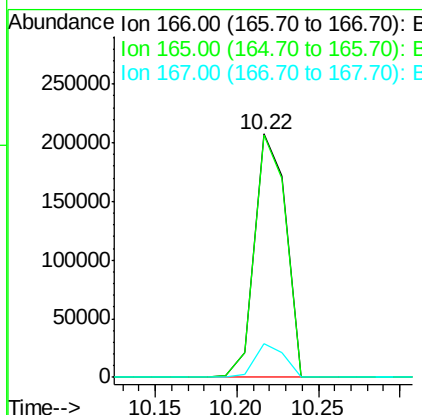
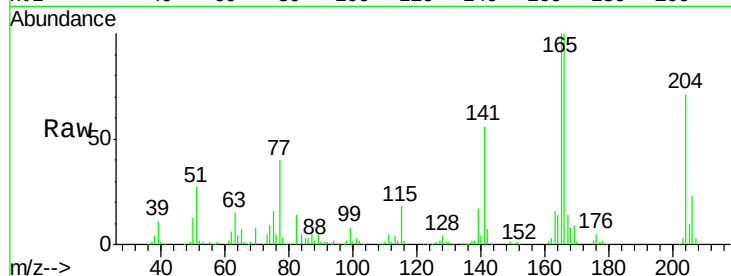
Time-->



#57
 Fluorene
 Concen: 43.16 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.08 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

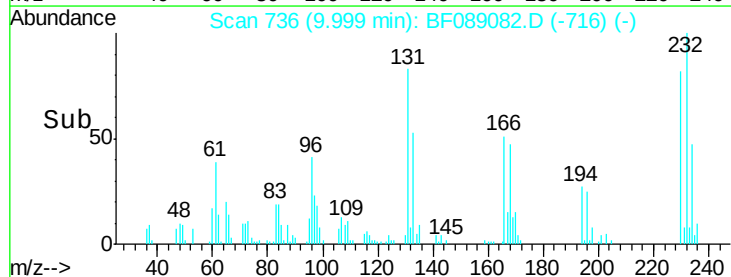
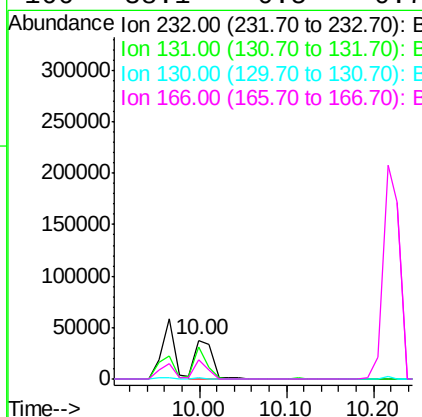
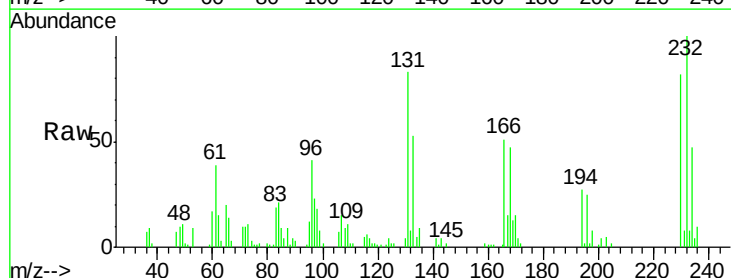
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

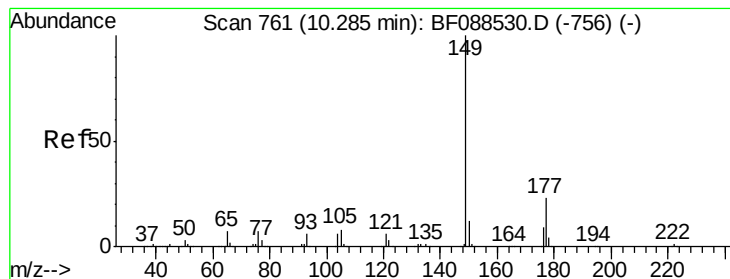
Tot Ion:166 Resp: 275516
 Ion Ratio Lower Upper
 166 100
 165 99.5 77.8 116.8
 167 13.8 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.66 ng
 RT: 10.00 min Scan# 736
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:232 Resp: 53422
 Ion Ratio Lower Upper
 232 100
 131 58.4 0.9 1.3#
 130 2.9 1.5 2.3#
 166 38.1 0.5 0.7#





#59

Diethylphthalate

Concen: 43.42 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

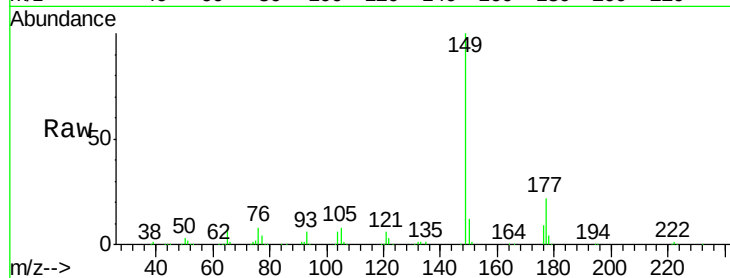
Tot Ion:149 Resp: 309917

Ion Ratio Lower Upper

149 100

177 22.1 16.9 25.3

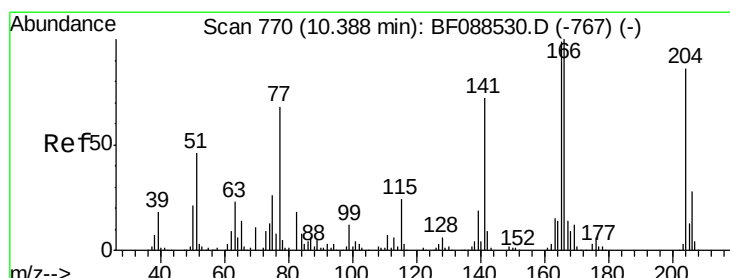
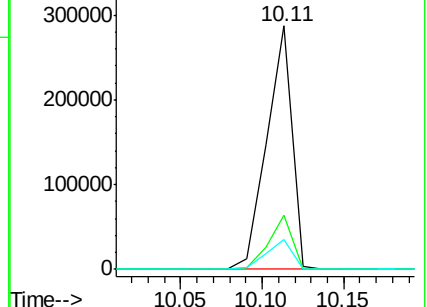
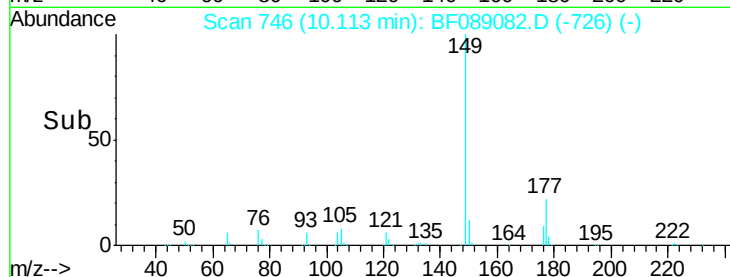
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.30 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

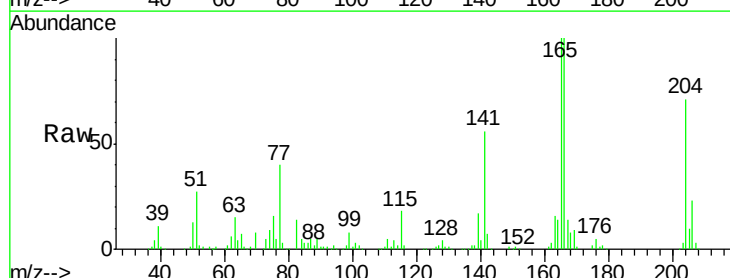
Tgt Ion:204 Resp: 122490

Ion Ratio Lower Upper

204 100

206 32.2 26.3 39.5

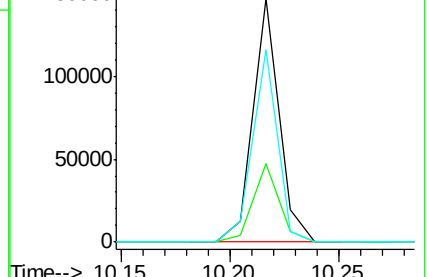
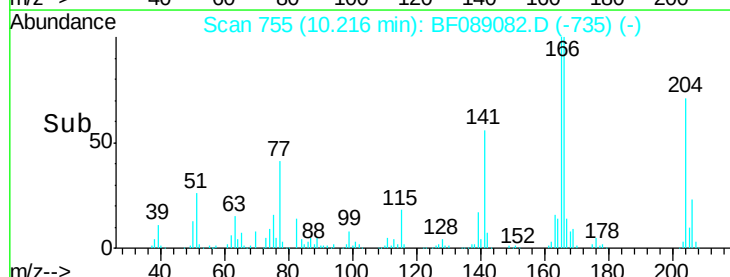
141 79.3 55.0 82.6

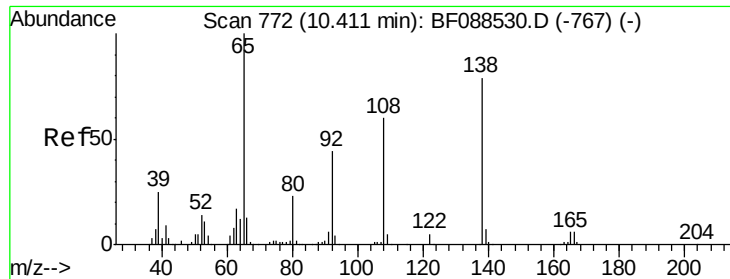


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

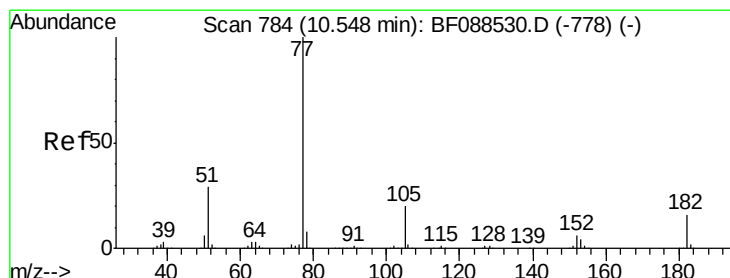
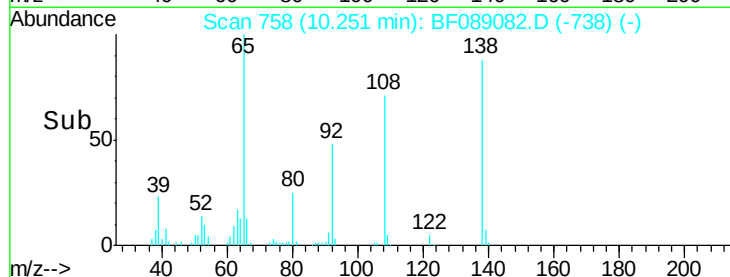
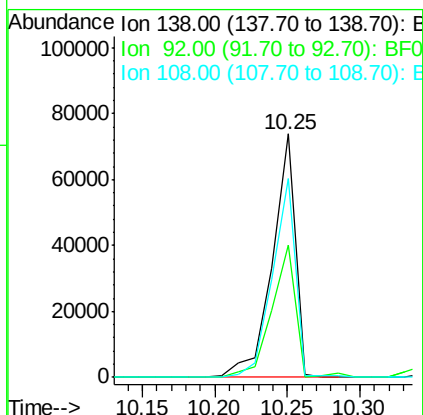
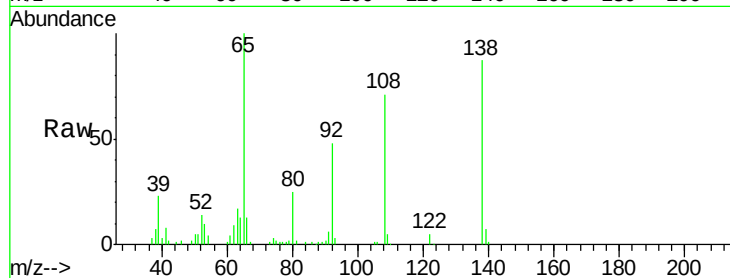




#61
4-Nitroaniline
Concen: 42.22 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

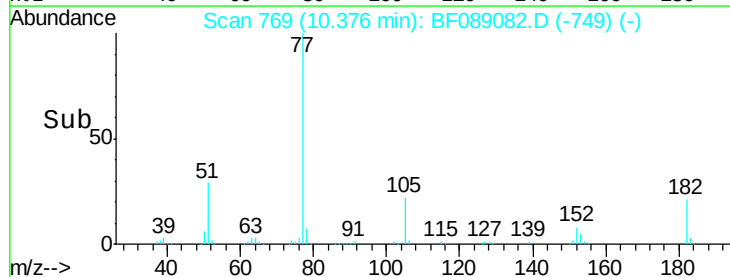
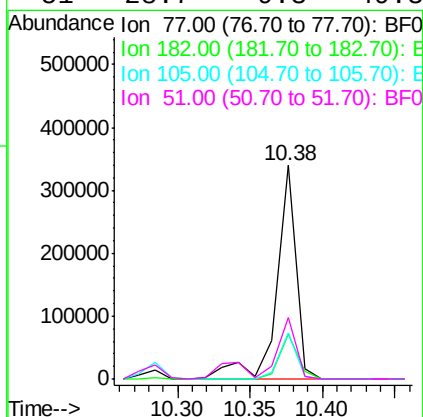
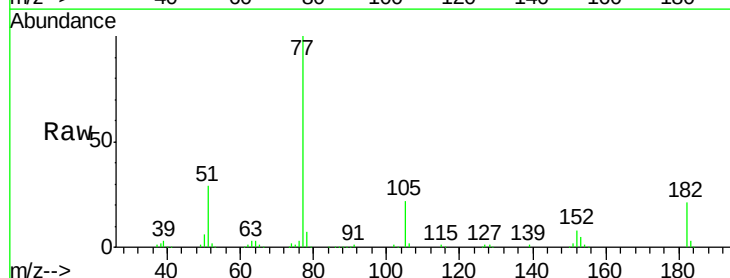
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

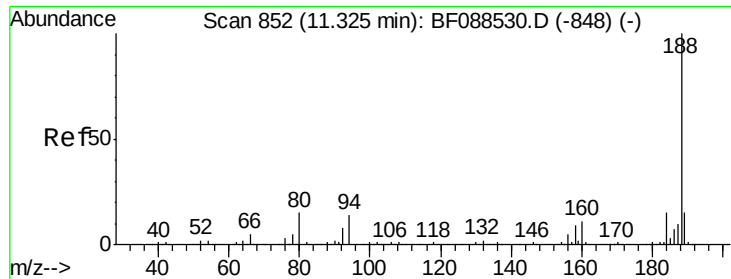
Tot Ion:138 Resp: 81413
Ion Ratio Lower Upper
138 100
92 54.5 27.3 67.3
108 81.5 46.7 86.7



#62
Azobenzene
Concen: 39.38 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion: 77 Resp: 320577
Ion Ratio Lower Upper
77 100
182 21.0 4.4 44.4
105 21.7 3.8 43.8
51 28.7 9.3 49.3

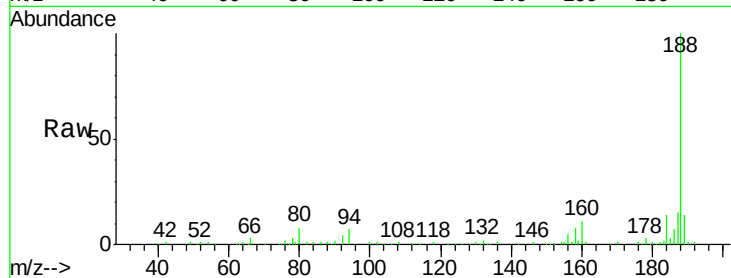




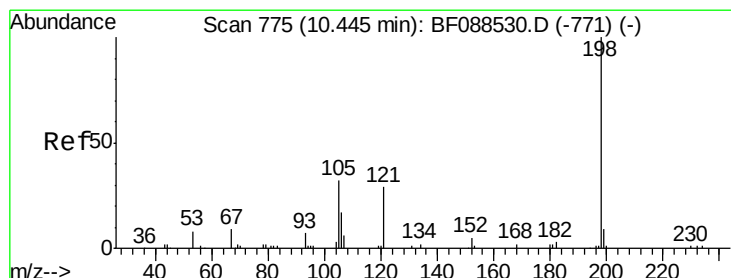
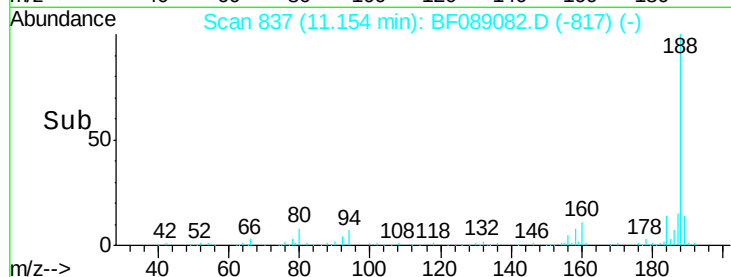
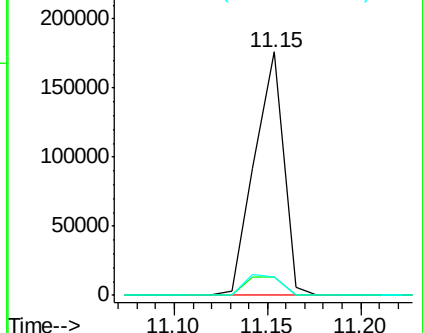
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 190071
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 7.7 10.0 15.0#

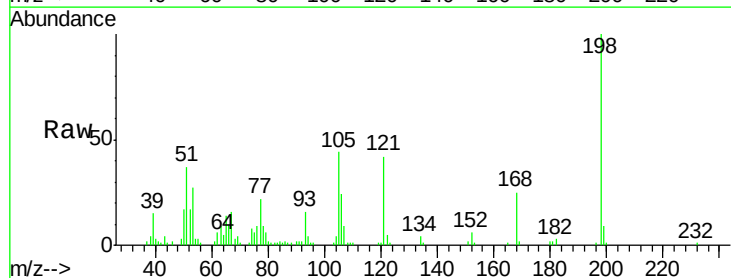


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

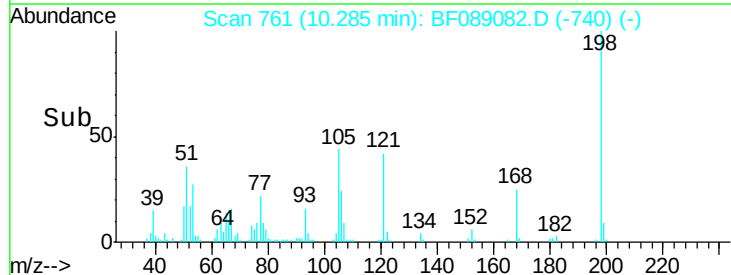
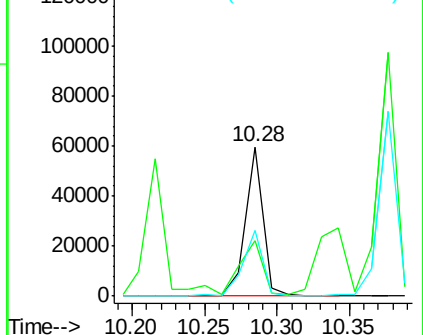


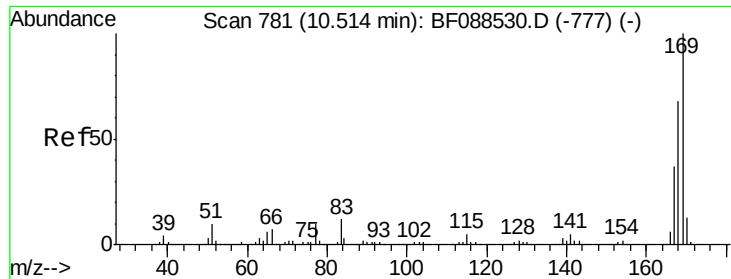
#64
4,6-Dinitro-2-methylphenol
Concen: 49.66 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.06 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:198 Resp: 50489
Ion Ratio Lower Upper
198 100
51 37.0 39.6 79.6#
105 43.7 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

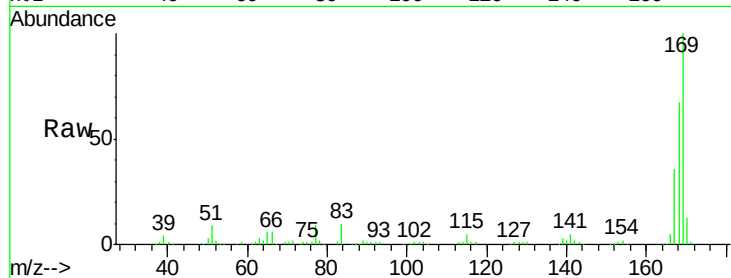




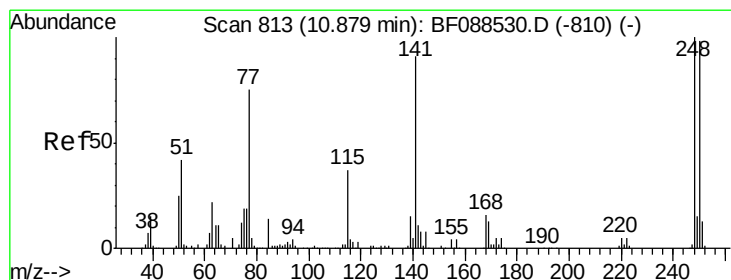
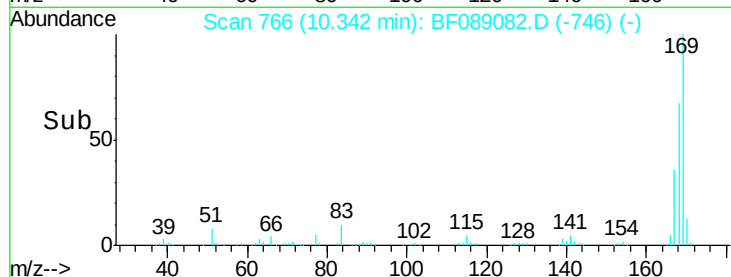
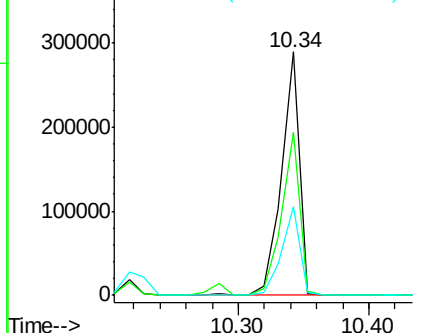
#65
 n-Nitrosodiphenylamine
 Concen: 43.32 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 278646
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 36.3 29.4 44.0

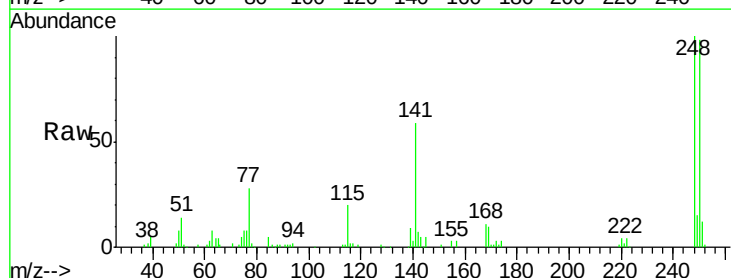


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

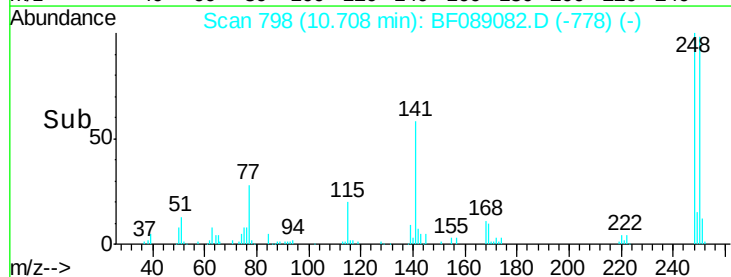
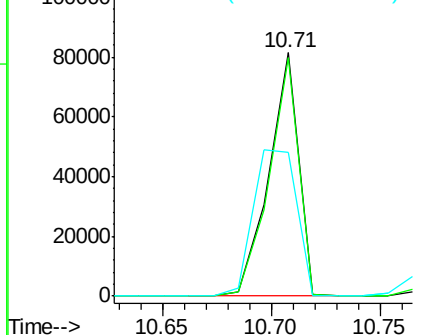


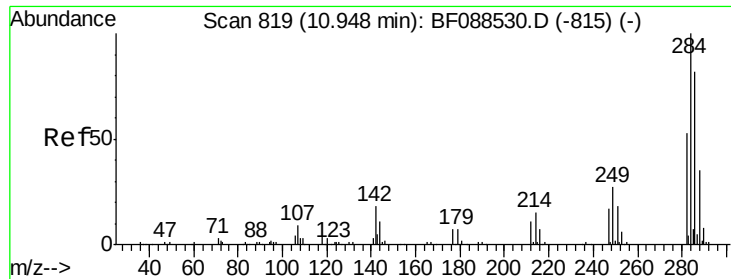
#66
 4-Bromophenyl-phenylether
 Concen: 40.86 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:248 Resp: 78258
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.1 115.7
 141 58.8 50.6 76.0



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

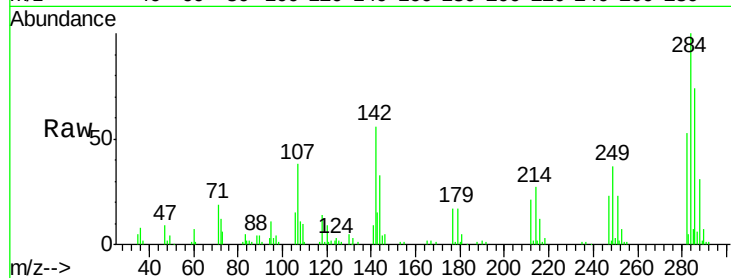




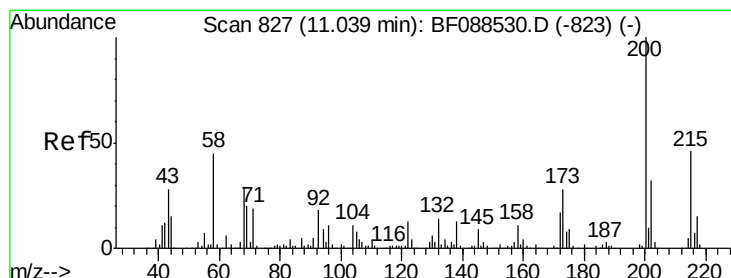
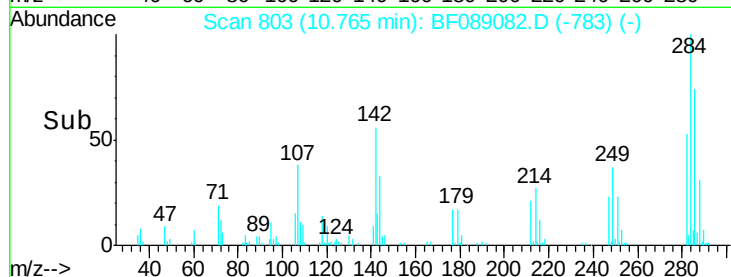
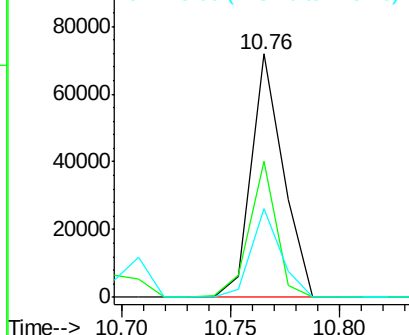
#67
Hexachlorobenzene
Concen: 34.60 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 73353
Ion Ratio Lower Upper
284 100
142 55.7 35.8 53.8#
249 36.6 25.8 38.6

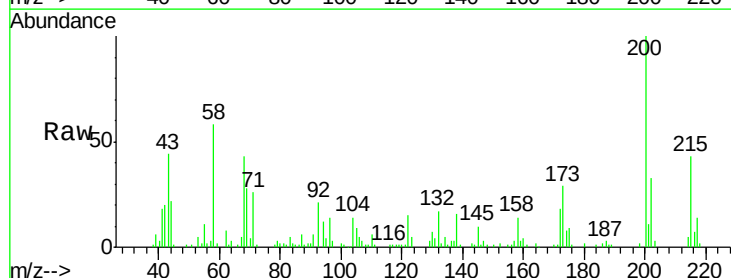


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

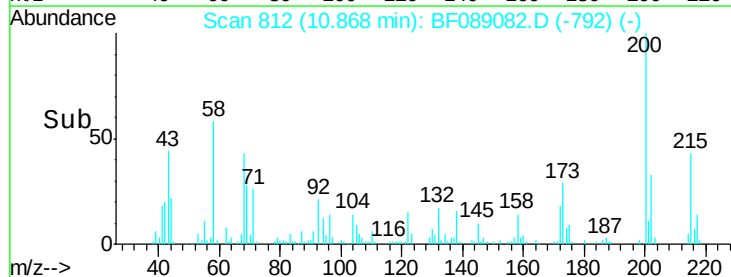
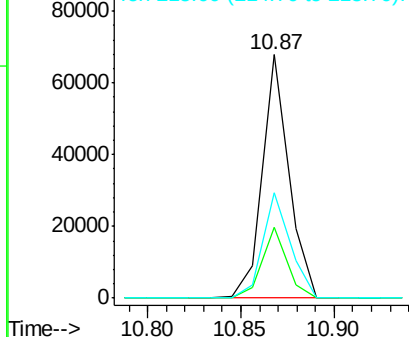


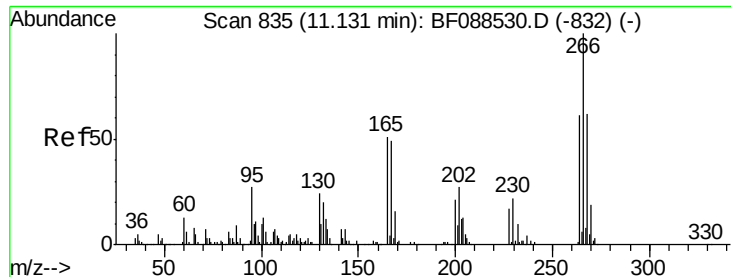
#68
Atrazine
Concen: 33.17 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:200 Resp: 66498
Ion Ratio Lower Upper
200 100
173 28.9 4.0 44.0
215 43.3 29.3 69.3



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

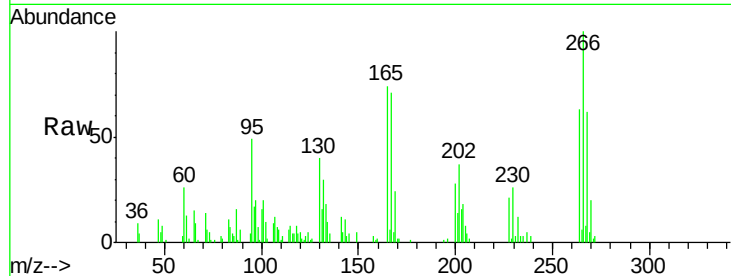




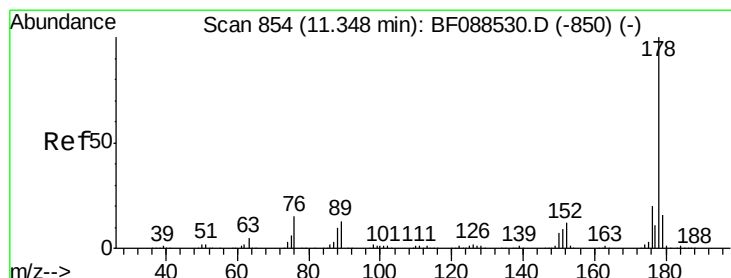
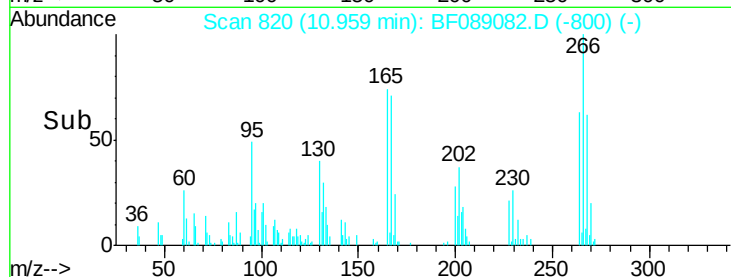
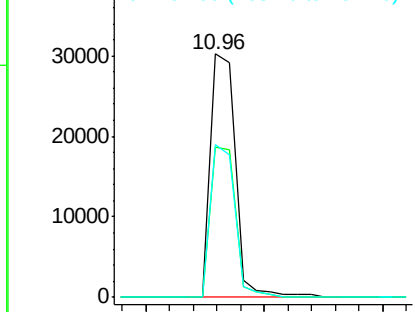
#69
 Pentachlorophenol
 Concen: 35.09 ng
 RT: 10.96 min Scan# 820
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 44030
 Ion Ratio Lower Upper
 266 100
 268 61.8 52.8 79.2
 264 62.9 49.6 74.4

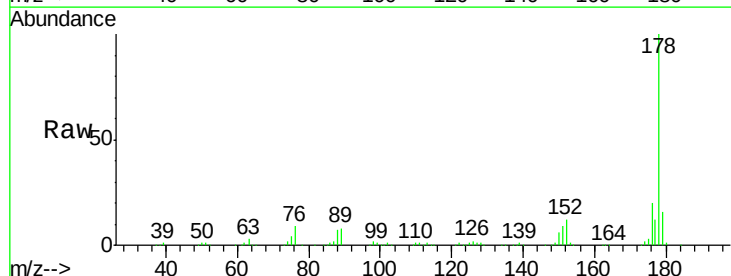


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

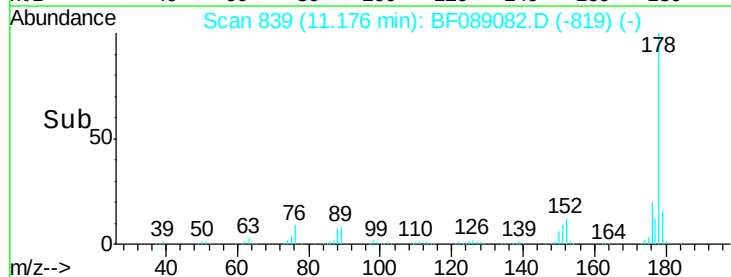
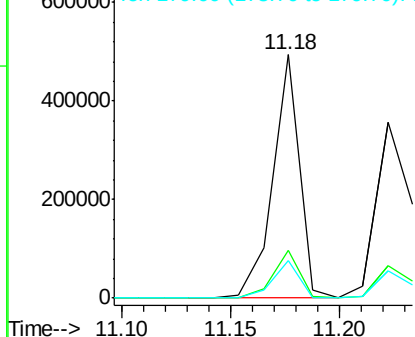


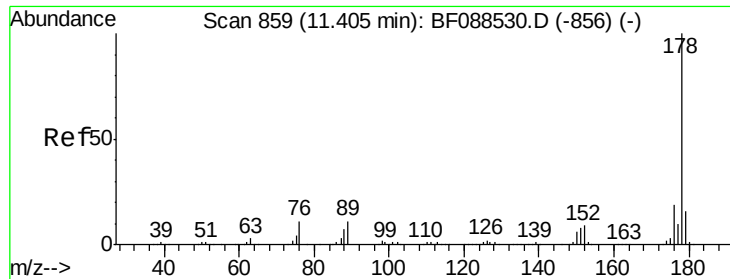
#70
 Phenanthrene
 Concen: 40.78 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:178 Resp: 423713
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.5 13.0 19.4



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

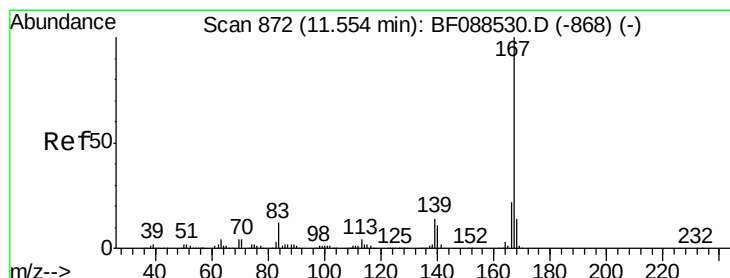
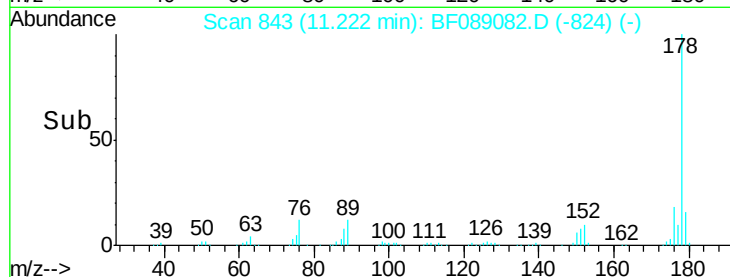
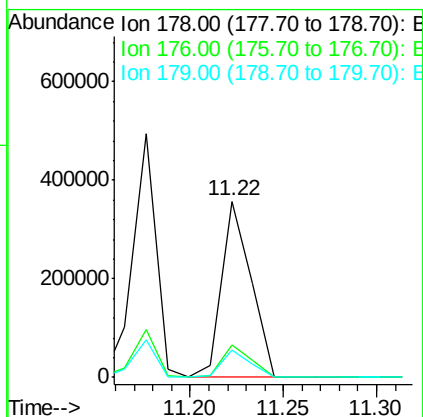
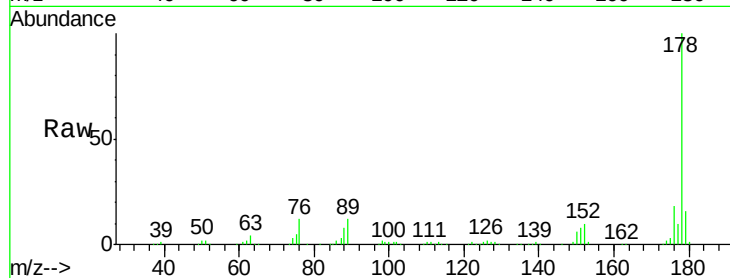




#71
 Anthracene
 Concen: 37.97 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.08 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

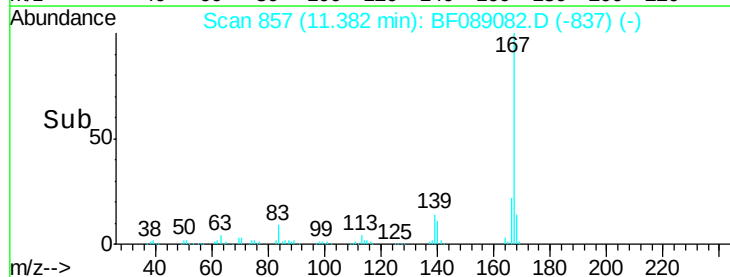
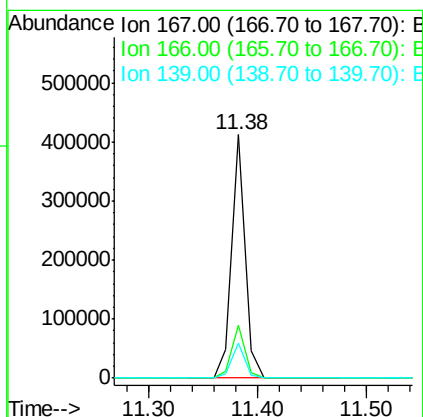
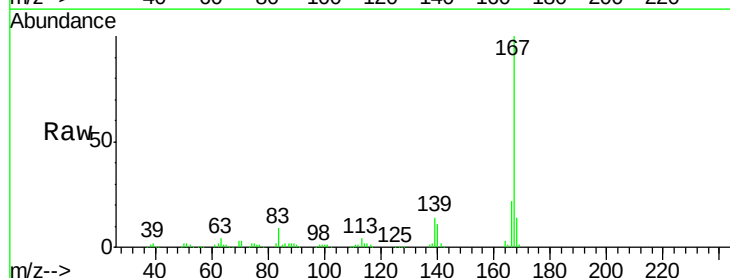
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

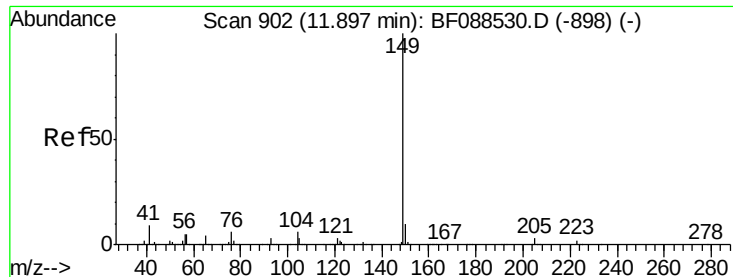
Tot Ion:178 Resp: 392281
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 35.96 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:167 Resp: 349701
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 14.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 40.20 ng

RT: 11.73 min Scan# 887

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

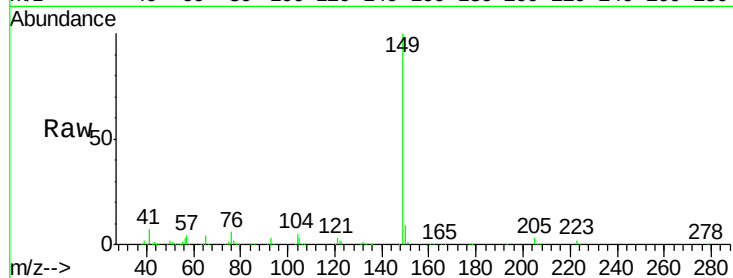
Tot Ion:149 Resp: 454724

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

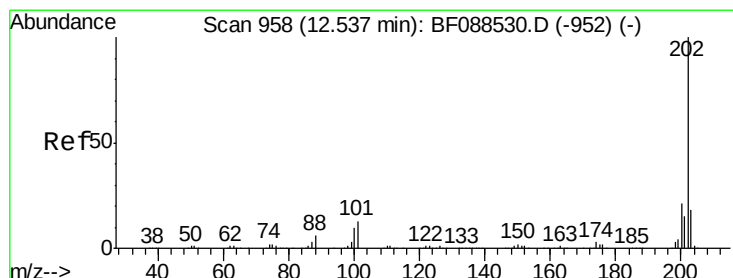
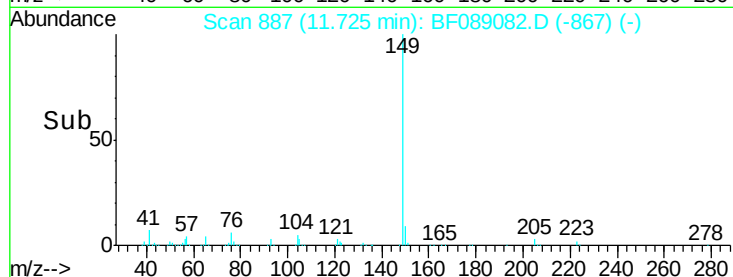
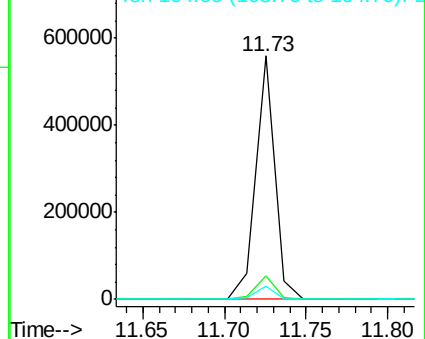
104 5.4 4.0 6.0



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: 38.39 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

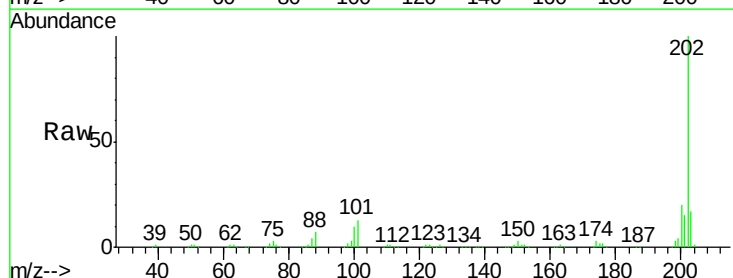
Tgt Ion:202 Resp: 404343

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.1

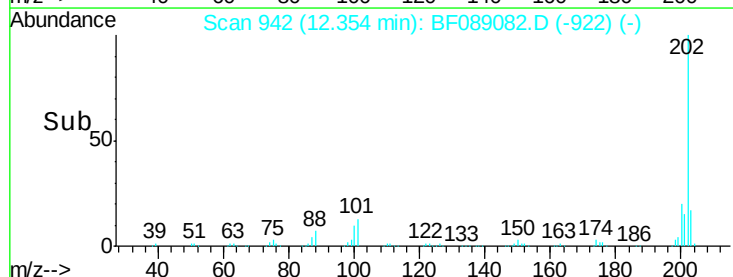
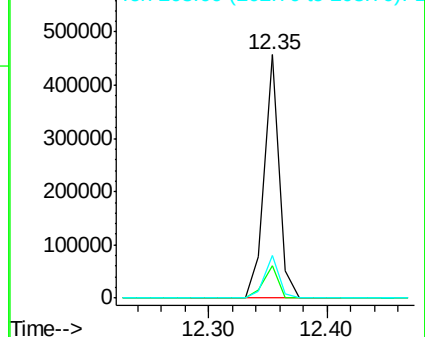
203 17.4 0.0 38.1

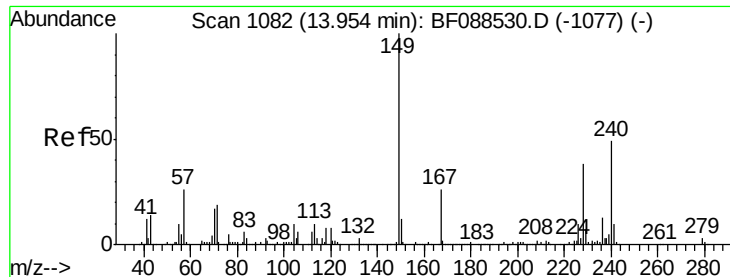


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.08 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

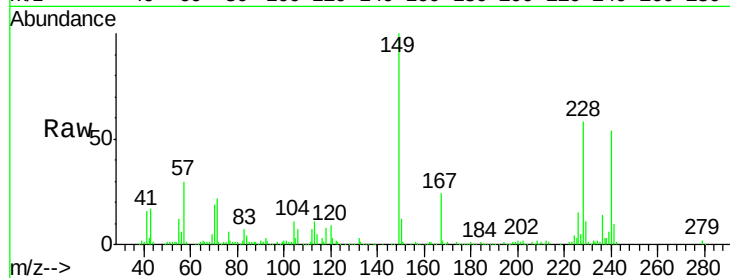
Tot Ion:240 Resp: 128940

Ion Ratio Lower Upper

240 100

120 16.4 6.8 10.2#

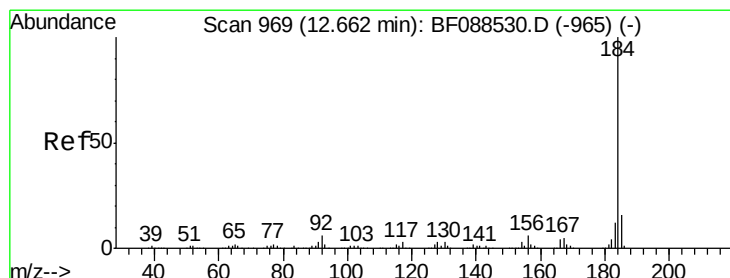
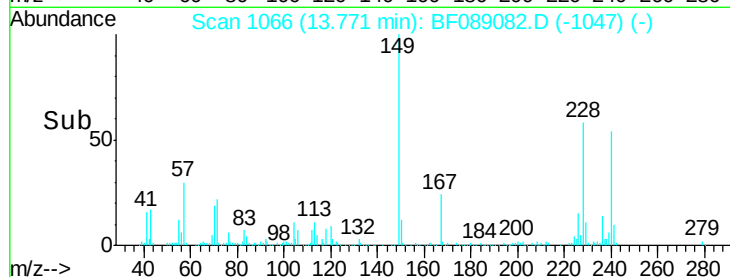
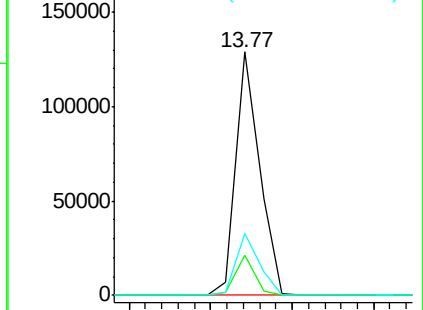
236 25.4 20.2 30.2



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: 52.96 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

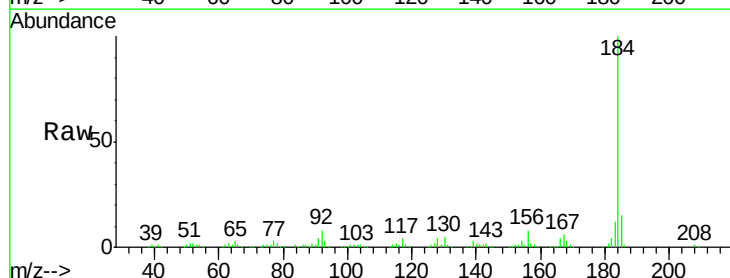
Tgt Ion:184 Resp: 345126

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

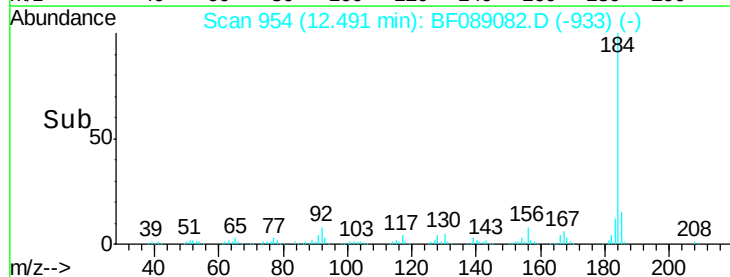
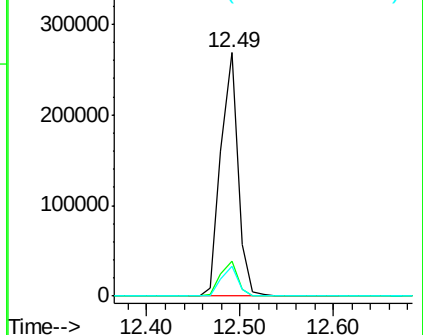
183 12.4 9.3 13.9

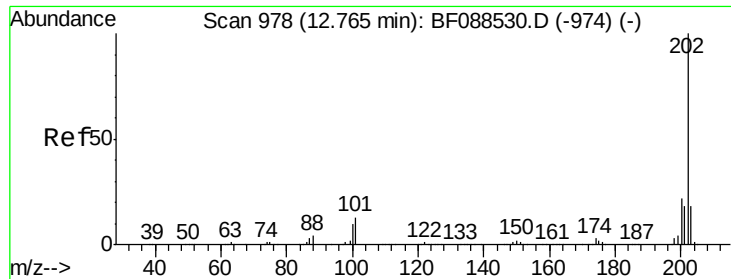


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

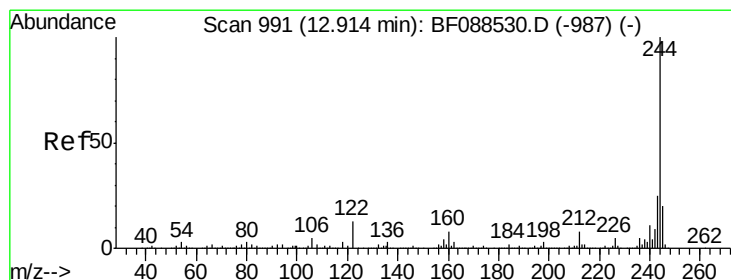
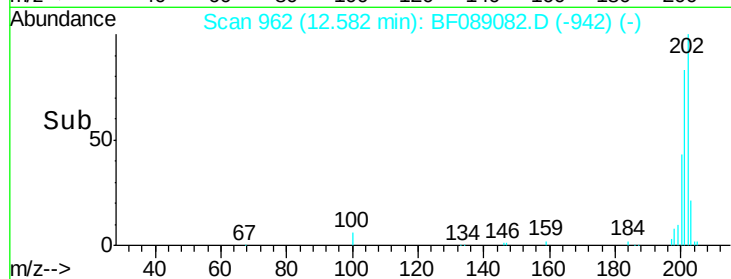
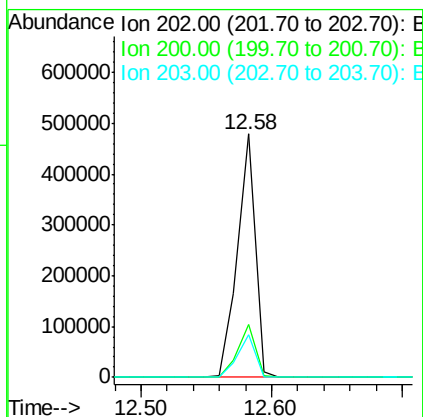
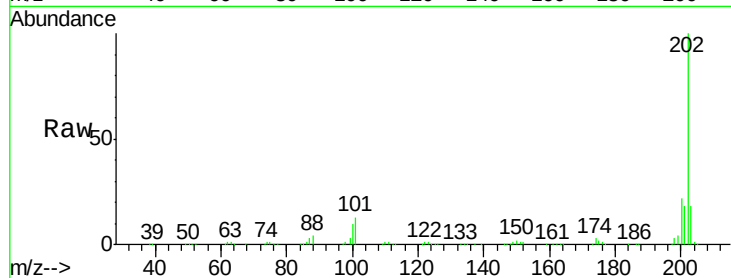




#77
Pvrene
Concen: 41.49 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

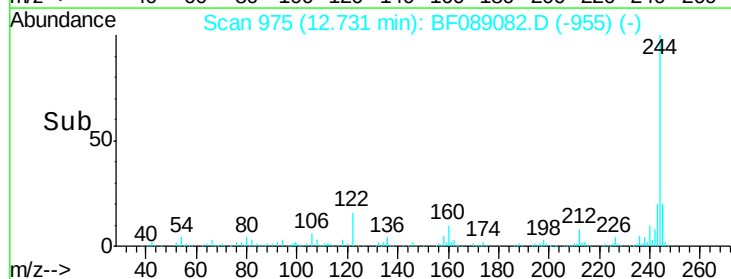
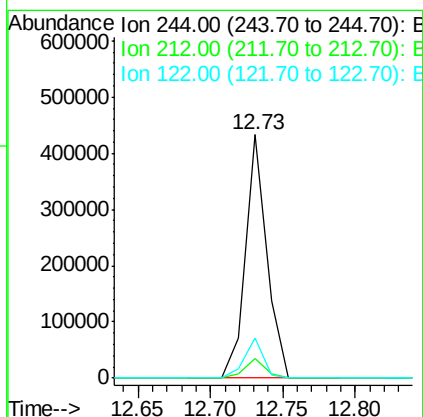
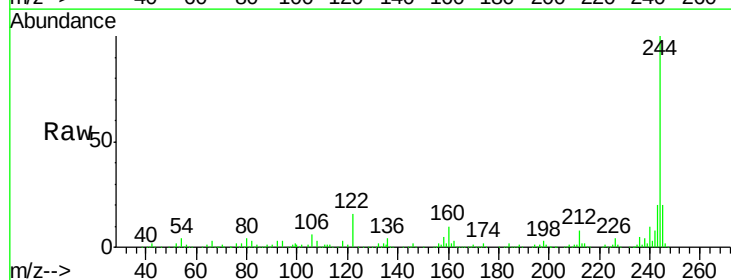
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

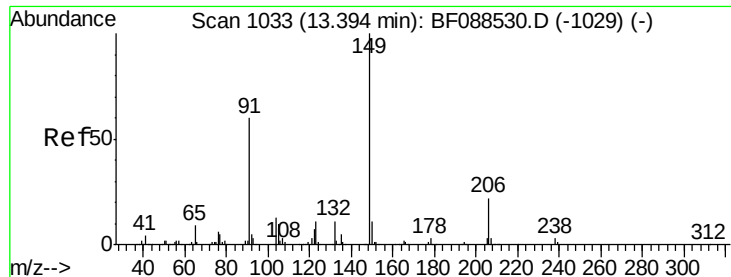
Tot Ion:202 Resp: 453546
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.6 14.5 21.7



#78
Terphenyl-d14
Concen: 76.40 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:244 Resp: 442304
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 16.2 11.2 16.8





#79

Butylbenzylphthalate

Concen: 38.69 ng

RT: 13.21 min Scan# 1017

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

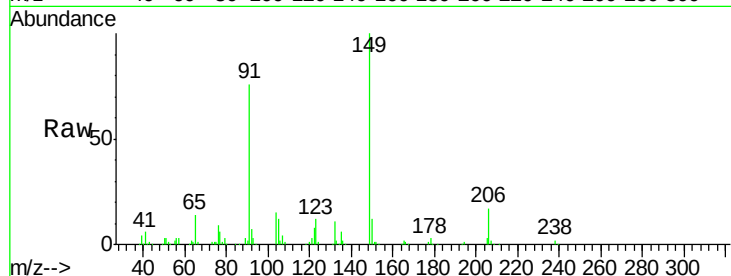
Tot Ion:149 Resp: 188659

Ion Ratio Lower Upper

149 100

91 76.0 48.0 72.0#

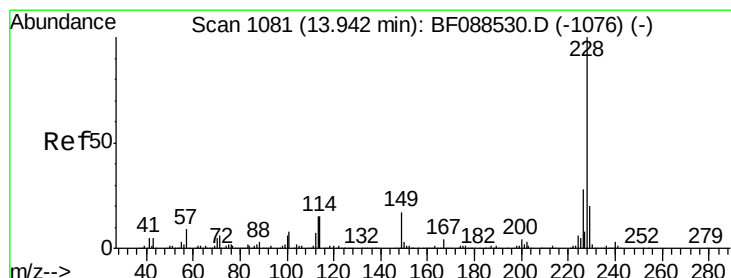
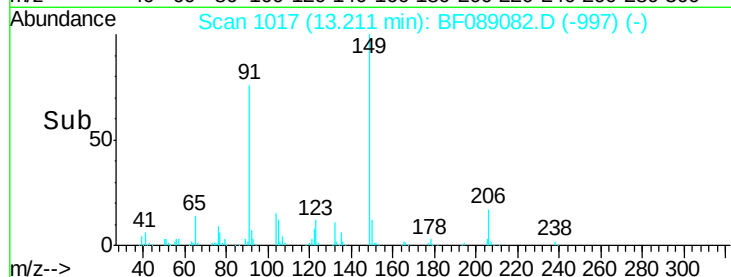
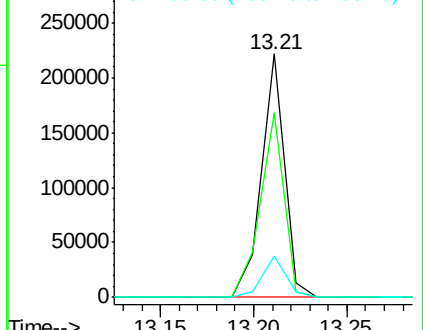
206 16.8 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.79 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

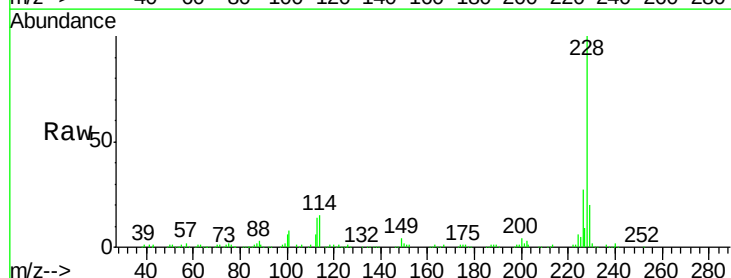
Tgt Ion:228 Resp: 322076

Ion Ratio Lower Upper

228 100

226 26.9 22.3 33.5

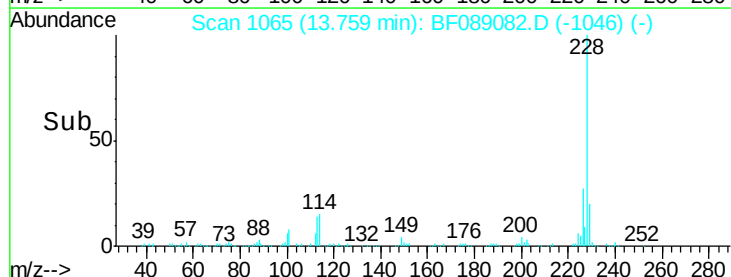
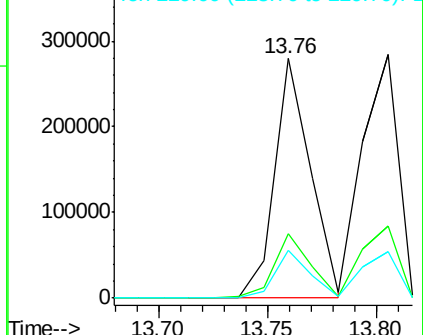
229 20.2 16.0 24.0

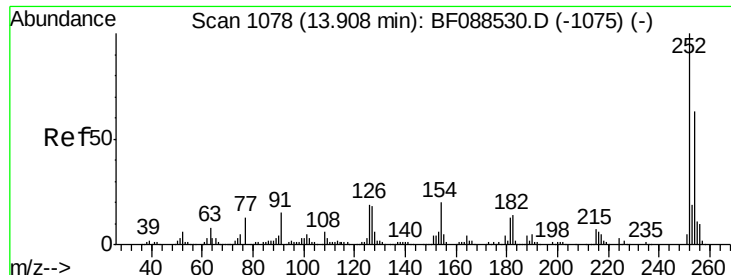


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

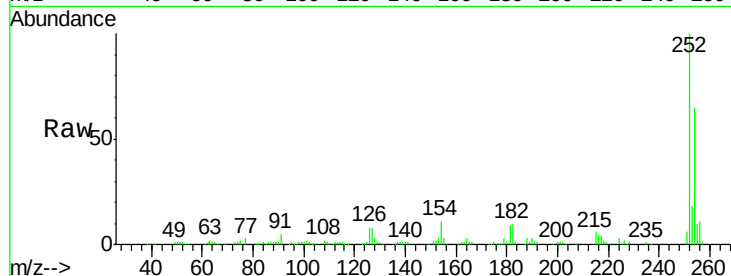




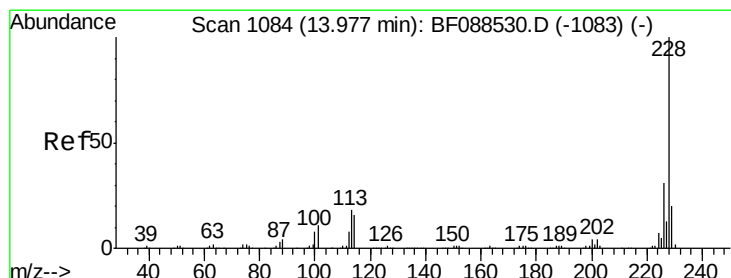
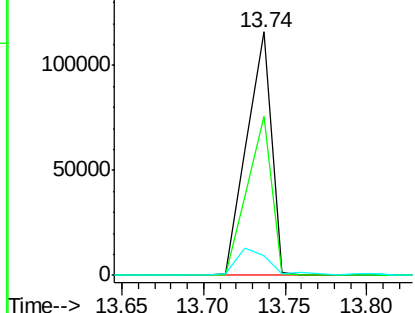
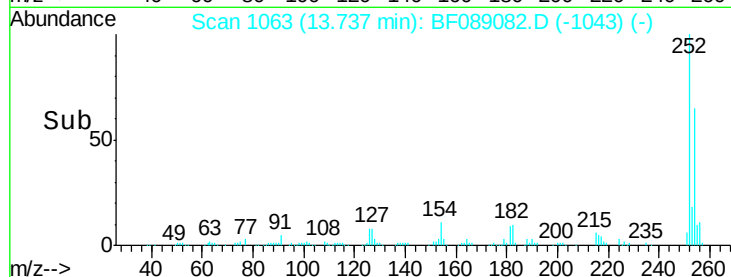
#81
 3,3'-Dichlorobenzidine
 Concen: 39.18 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 122305
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.6 78.8
 126 7.9 6.2 9.2

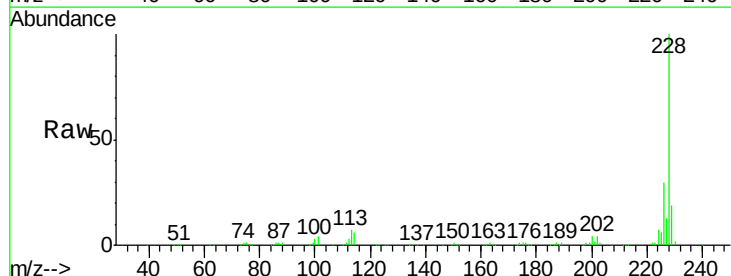


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

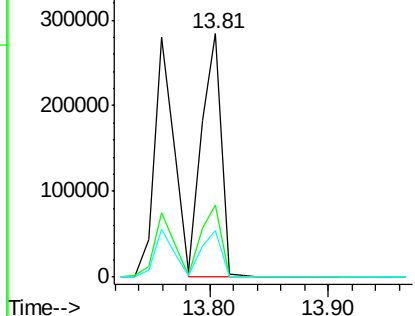
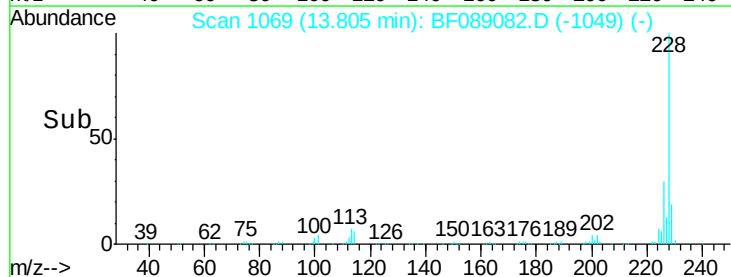


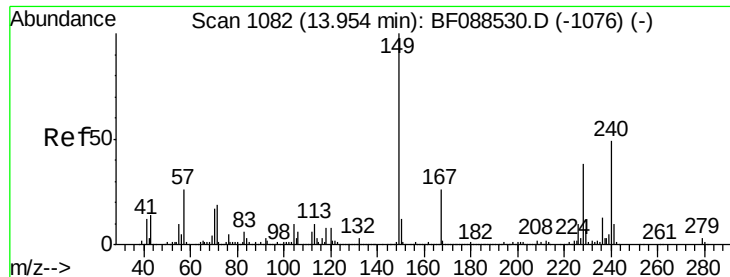
#82
 Chrysene
 Concen: 39.61 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.07 min
 Lab File: BF089082.D
 Acq: 18 Jul 2016 14:08

Tgt Ion:228 Resp: 325340
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.4 38.2
 229 19.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.53 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

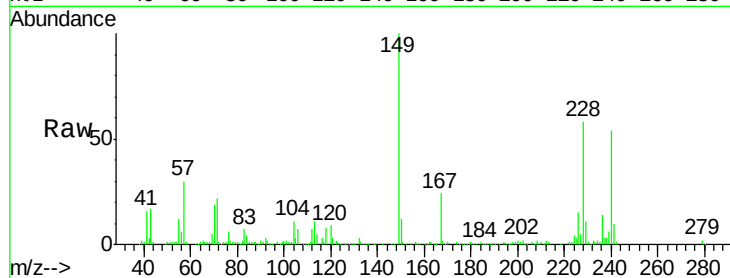
Tot Ion:149 Resp: 236757

Ion Ratio Lower Upper

149 100

167 24.0 20.5 30.7

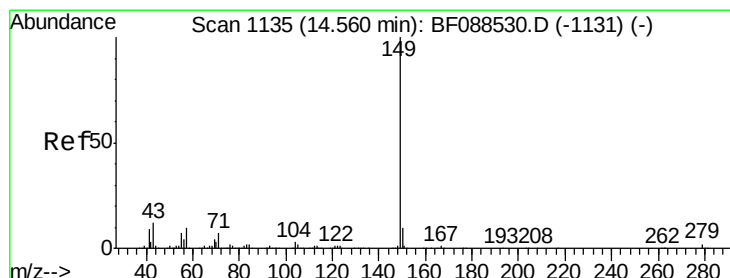
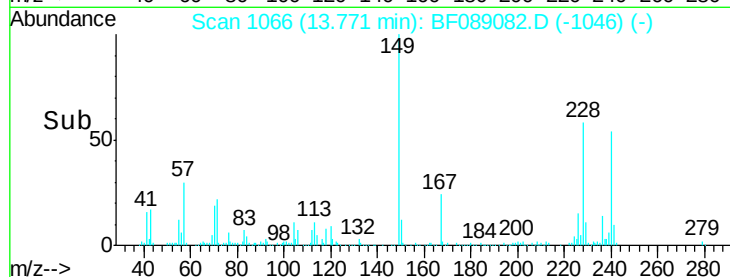
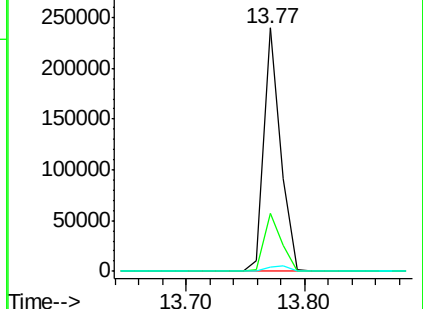
279 2.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.22 ng

RT: 14.38 min Scan# 1119

Delta R.T. -0.08 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

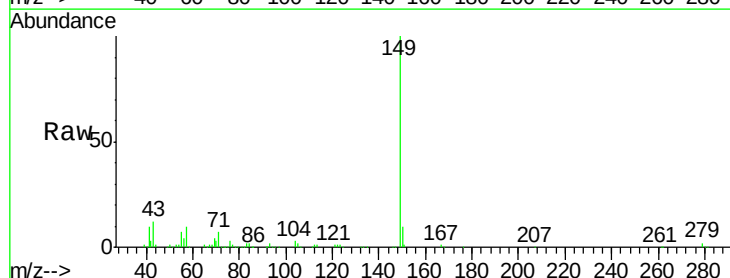
Tgt Ion:149 Resp: 370963

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

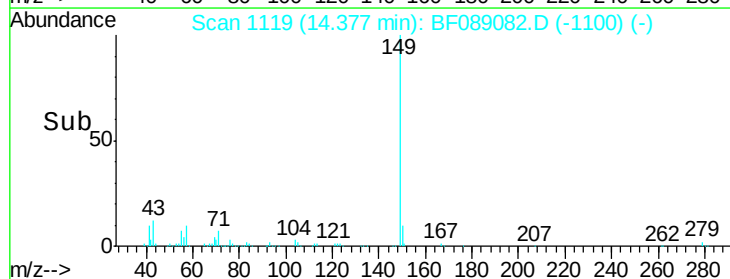
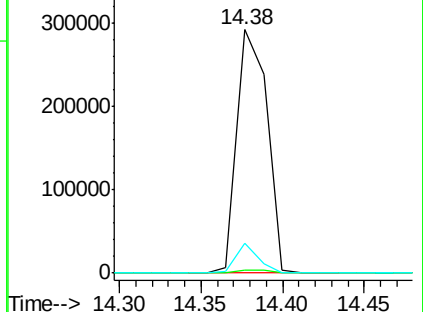
43 9.4 0.0 0.0#

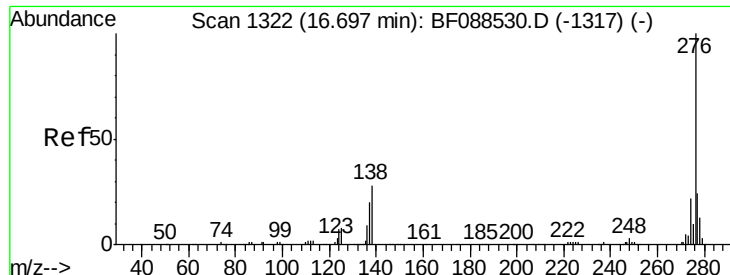


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

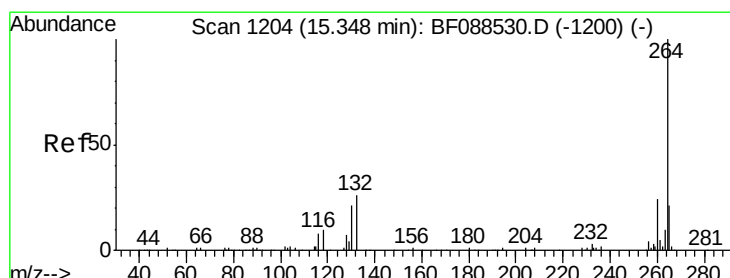
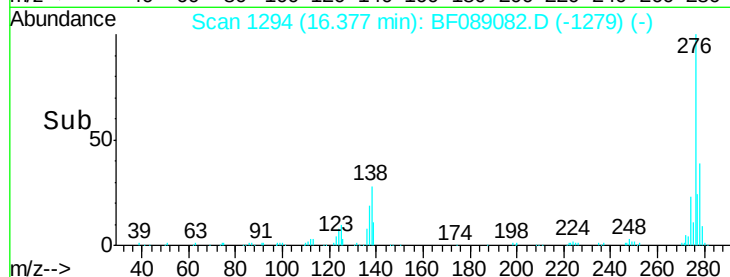
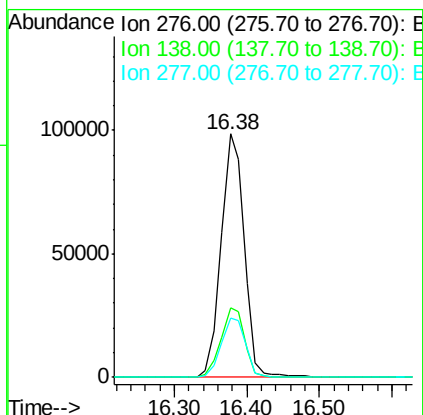
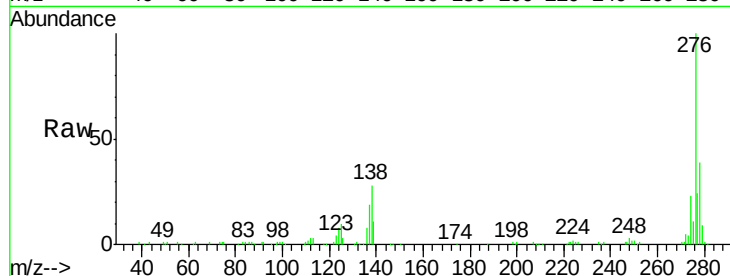




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.53 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.13 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

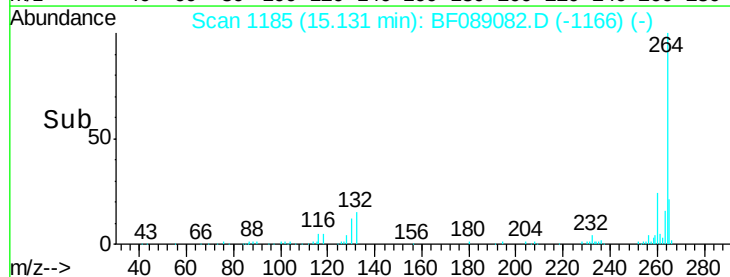
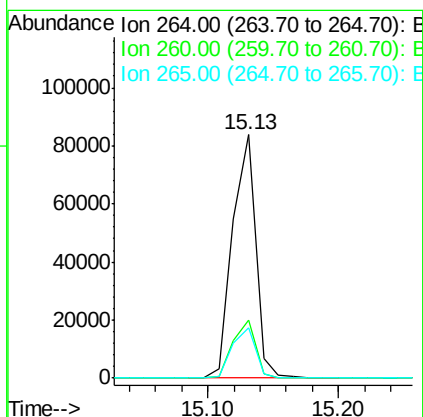
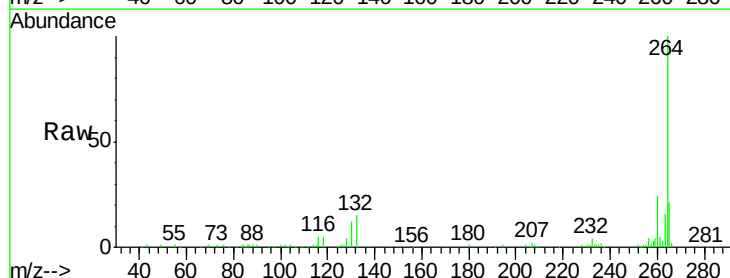
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

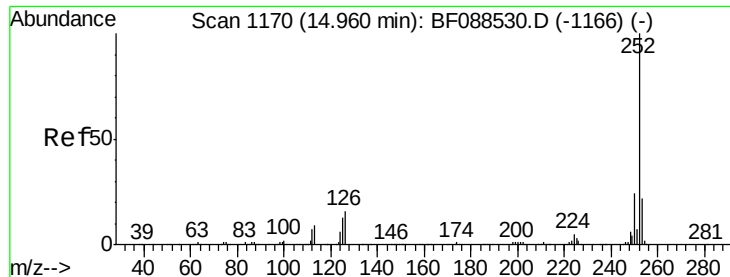
Tot Ion:276 Resp: 218234
Ion Ratio Lower Upper
276 100
138 29.4 0.0 0.0#
277 25.6 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:264 Resp: 102888
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.7 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 48.16 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.07 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

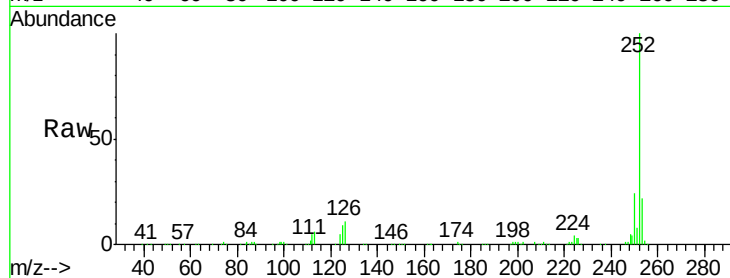
Tot Ion:252 Resp: 310811

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

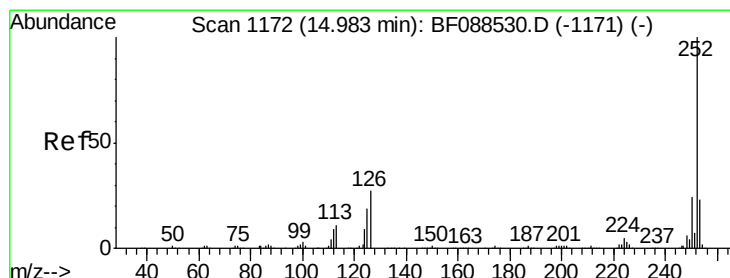
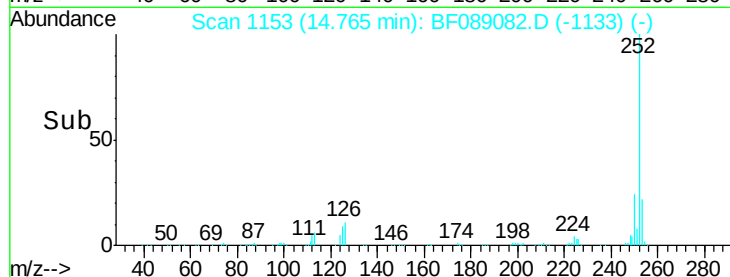
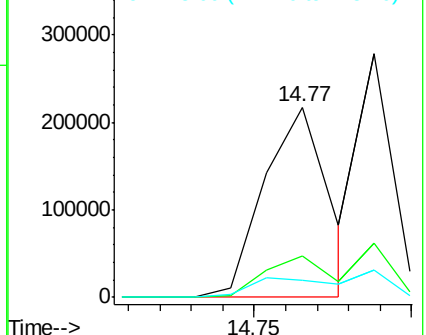
125 9.0 7.1 10.7



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



#88

Benzo(k)fluoranthene

Concen: 38.05 ng m

RT: 14.79 min Scan# 1155

Delta R.T. -0.08 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

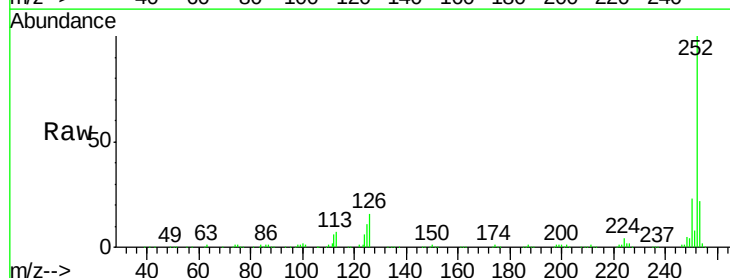
Tgt Ion:252 Resp: 213771

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

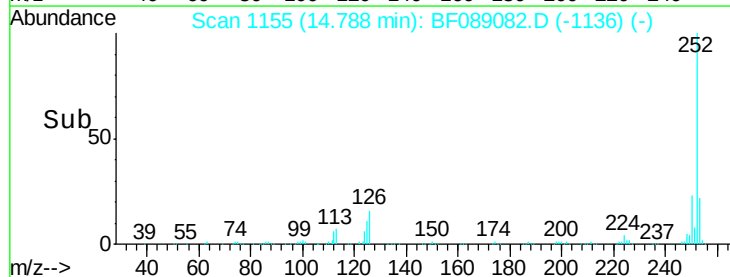
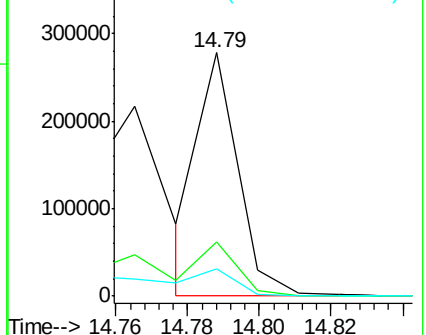
125 11.4 11.2 16.8

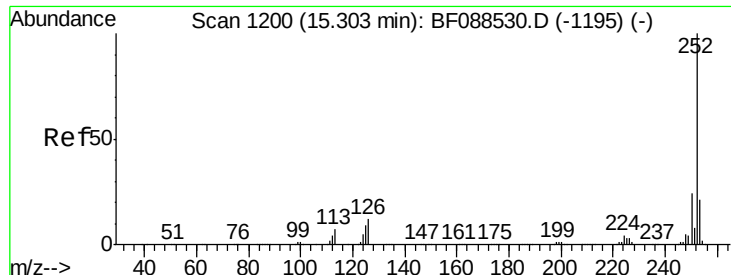


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

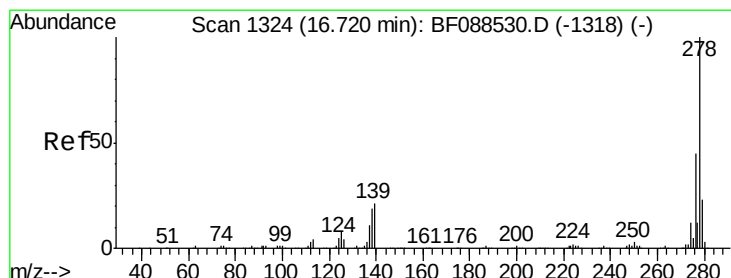
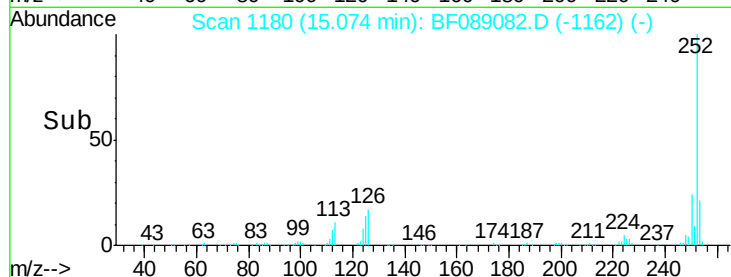
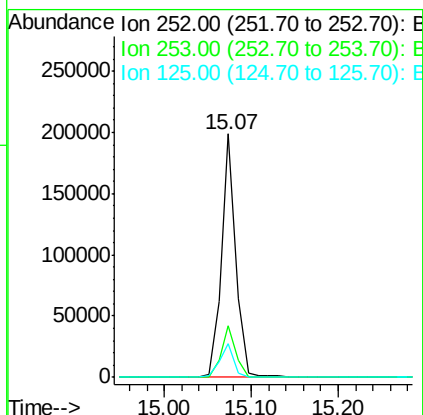
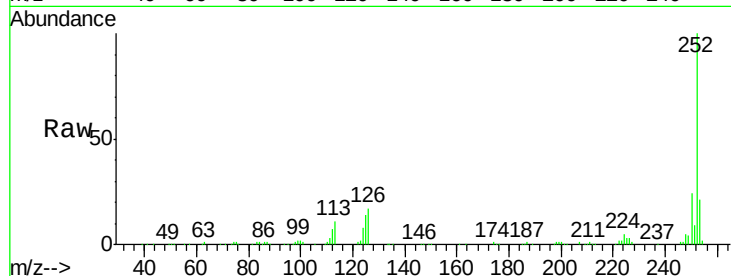




#89
Benzo(a)pyrene
Concen: 42.22 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

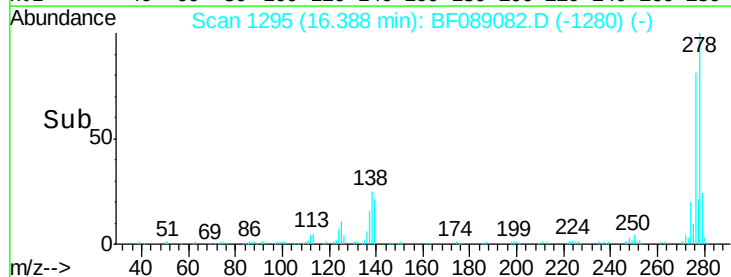
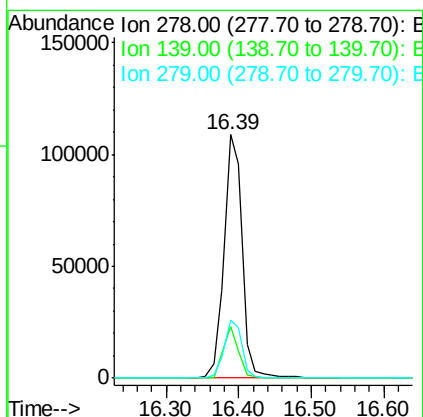
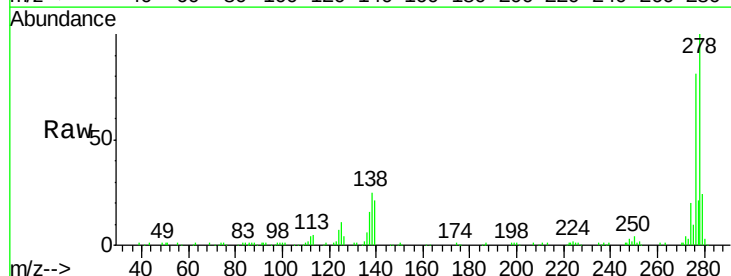
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

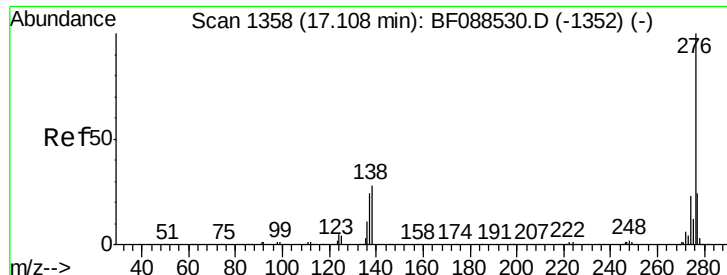
Tot Ion:252 Resp: 230738
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 13.6 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 41.29 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.13 min
Lab File: BF089082.D
Acq: 18 Jul 2016 14:08

Tgt Ion:278 Resp: 188409
Ion Ratio Lower Upper
278 100
139 21.4 15.7 23.5
279 23.9 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 40.60 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.14 min

Lab File: BF089082.D

Acq: 18 Jul 2016 14:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

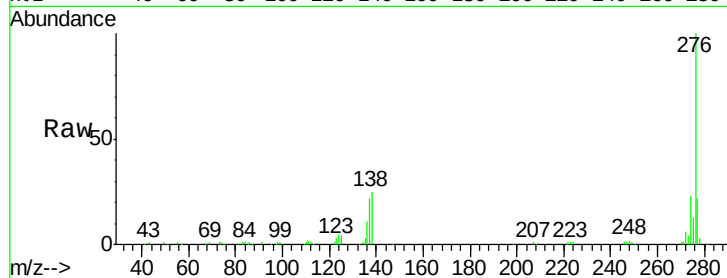
Tot Ion: 276 Resp: 191693

Ion Ratio Lower Upper

276 100

277 22.3 18.9 28.3

138 25.3 21.4 32.2



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

