

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089392.D
 Acq On : 29 Jul 2016 5:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 29 07:17:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	54914	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	213610	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	80356	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	127720	20.00	ng	-0.02
75) Chrysene-d12	13.66	240	101424	20.00	ng	-0.01
86) Perylene-d12	14.98	264	91468	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	277799	80.77	ng	-0.01
7) Phenol-d6	6.19	99	340890	75.00	ng	-0.01
23) Nitrobenzene-d5	7.11	82	306152	84.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.34	330	47316	71.10	ng	-0.02
44) 2-Fluorobiphenyl	8.90	172	505940	92.40	ng	-0.01
78) Terphenyl-d14	12.62	244	302157	69.73	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.92	88	58378	37.22	ng	98
3) Pyridine	2.52	79	145219	43.16	ng	98
4) n-Nitrosodimethylamine	2.49	42	57263	42.41	ng	94
6) Aniline	6.19	93	201771	41.11	ng	90
8) 2-Chlorophenol	6.32	128	147176	37.83	ng	96
9) Benzaldehyde	6.07	77	90489	40.77	ng	96
10) Phenol	6.20	94	200445	39.97	ng	91
11) bis(2-Chloroethyl)ether	6.27	93	151820	35.63	ng	91
12) 1,3-Dichlorobenzene	6.47	146	158469m	38.94	ng	
13) 1,4-Dichlorobenzene	6.55	146	168505	37.52	ng	95
14) 1,2-Dichlorobenzene	6.70	146	156246m	37.14	ng	
15) Benzyl Alcohol	6.68	79	108842	38.59	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.82	45	170033	36.58	ng	98
17) 2-Methylphenol	6.81	107	106587	35.45	ng	95
18) Hexachloroethane	7.04	117	57078	33.15	ng	# 83
19) n-Nitroso-di-n-propylamine	6.97	70	103779	37.87	ng	97
20) 3+4-Methylphenols	6.97	107	145695	37.73	ng	91
22) Acetophenone	6.96	105	214380	42.16	ng	# 96
24) Nitrobenzene	7.13	77	155998	37.87	ng	95
25) Isophorone	7.37	82	285523	39.17	ng	99
26) 2-Nitrophenol	7.44	139	72866	39.57	ng	# 88
27) 2,4-Dimethylphenol	7.50	122	120701	41.14	ng	99
28) bis(2-Chloroethoxy)methane	7.59	93	178872	44.33	ng	99
29) 2,4-Dichlorophenol	7.69	162	112821	42.21	ng	98
30) 1,2,4-Trichlorobenzene	7.76	180	120133	39.39	ng	# 95
31) Naphthalene	7.84	128	427062	40.37	ng	100
32) Benzoic acid	7.64	122	66963	32.76	ng	98
33) 4-Chloroaniline	7.91	127	158621	39.39	ng	97
34) Hexachlorobutadiene	7.96	225	68293	39.10	ng	97
35) Caprolactam	8.28	113	28858	35.77	ng	99
36) 4-Chloro-3-methylphenol	8.40	107	120385	37.89	ng	96
37) 2-Methylnaphthalene	8.52	142	236392	37.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	134207	47.73	ng	99
40) Hexachlorocyclopentadiene	8.68	237	4509	13.92	ng	93

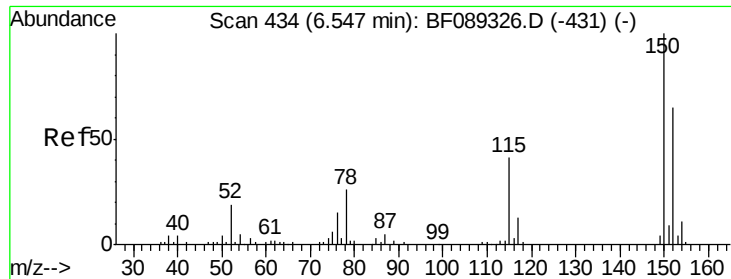
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42) 2,4,6-Trichlorophenol	8.81	196	62950	47.08	ng	99
43) 2,4,5-Trichlorophenol	8.86	196	73090	43.16	ng #	83
45) 1,1'-Biphenyl	8.99	154	316806	46.30	ng	98
46) 2-Chloronaphthalene	9.02	162	228299	44.43	ng	96
47) 2-Nitroaniline	9.12	65	68428	44.97	ng #	77
48) Acenaphthylene	9.42	152	325721	40.25	ng	99
49) Dimethylphthalate	9.30	163	256144	41.88	ng	99
50) 2,6-Dinitrotoluene	9.37	165	50174	39.93	ng #	79
51) Acenaphthene	9.59	154	187826	39.74	ng	99
52) 3-Nitroaniline	9.53	138	58873	44.40	ng #	77
53) 2,4-Dinitrophenol	9.67	184	2468	11.73	ng #	68
54) Dibenzofuran	9.76	168	255962	39.74	ng	94
55) 4-Nitrophenol	9.72	139	21274m	36.58	ng	
56) 2,4-Dinitrotoluene	9.77	165	65354	39.51	ng #	68
57) Fluorene	10.10	166	212425	37.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	42166	37.29	ng	96
59) Diethylphthalate	10.00	149	283997	45.81	ng	97
60) 4-Chlorophenyl-phenylether	10.10	204	105438	40.89	ng #	83
61) 4-Nitroaniline	10.15	138	51561	37.72	ng	91
62) Azobenzene	10.26	77	243462	38.13	ng	89
64) 4,6-Dinitro-2-methylphenol	10.18	198	8589	14.47	ng	96
65) n-Nitrosodiphenylamine	10.23	169	185719	46.60	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	53130	43.57	ng #	69
67) Hexachlorobenzene	10.65	284	54320	43.47	ng #	80
68) Atrazine	10.75	200	45416	37.10	ng	96
69) Pentachlorophenol	10.84	266	23336	41.68	ng	98
70) Phenanthrene	11.05	178	263261	39.97	ng	99
71) Anthracene	11.11	178	294620	40.23	ng	99
72) Carbazole	11.27	167	250829	40.69	ng	99
73) Di-n-butylphthalate	11.61	149	361284	43.68	ng	99
74) Fluoranthene	12.23	202	259204	37.41	ng	95
76) Benzidine	12.37	184	142862	38.12	ng	97
77) Pyrene	12.46	202	281861	36.67	ng	100
79) Butylbenzylphthalate	13.10	149	133840	38.30	ng #	83
80) Benzo(a)anthracene	13.65	228	240463	42.01	ng	99
81) 3,3'-Dichlorobenzidine	13.61	252	96833	47.01	ng #	95
82) Chrysene	13.68	228	257842	42.32	ng	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	195829	38.76	ng #	97
84) Di-n-octyl phthalate	14.26	149	339659	43.09	ng	98
85) Indeno(1,2,3-cd)pyrene	16.18	276	195618	45.16	ng	99
87) Benzo(b)fluoranthene	14.64	252	236604m	41.65	ng	
88) Benzo(k)fluoranthene	14.66	252	217982m	41.74	ng	
89) Benzo(a)pyrene	14.94	252	211528	41.51	ng	97
90) Dibenzo(a,h)anthracene	16.18	278	166684	41.52	ng	99
91) Benzo(g,h,i)perylene	16.53	276	152492	38.65	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

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BNA_F

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SSTDCCC040

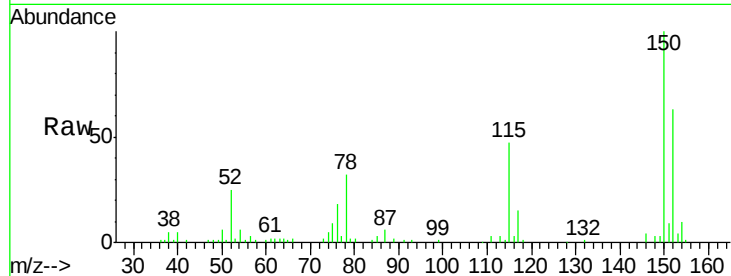
Tgt Ion:152 Resp: 54914

Ion Ratio Lower Upper

152 100

150 159.8 129.5 194.3

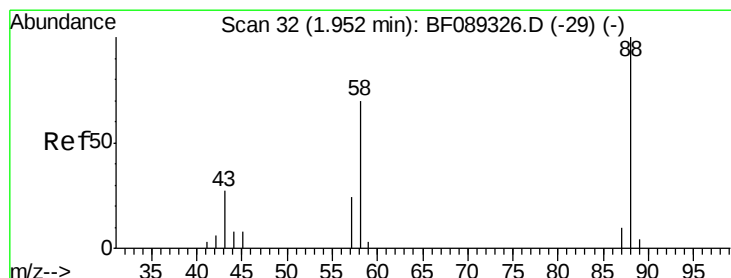
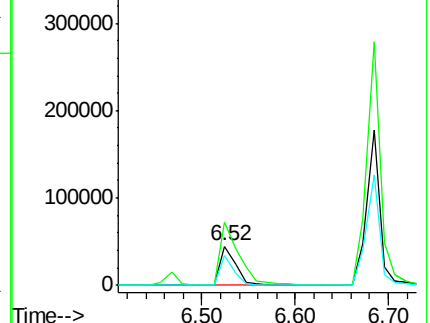
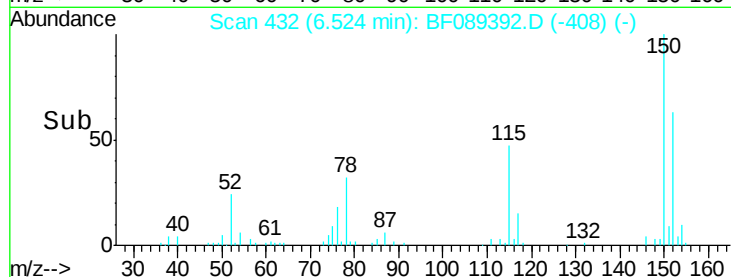
115 74.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.22 ng

RT: 1.92 min Scan# 29

Delta R.T. -0.03 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

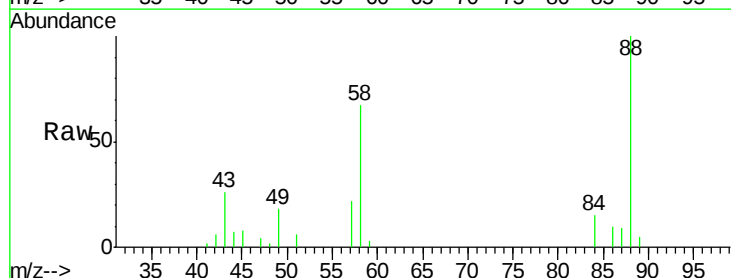
Tgt Ion: 88 Resp: 58378

Ion Ratio Lower Upper

88 100

58 67.8 53.2 79.8

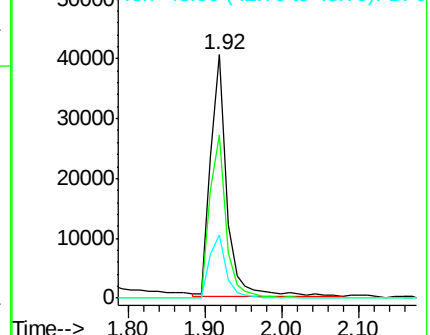
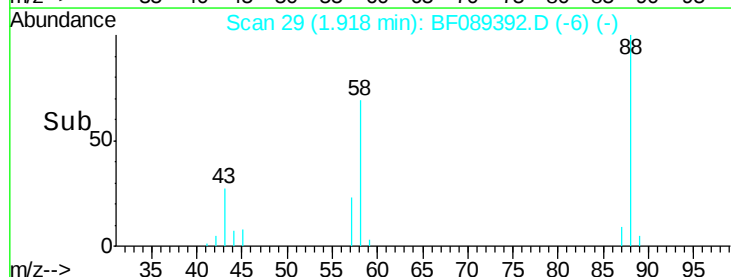
43 26.8 20.6 31.0

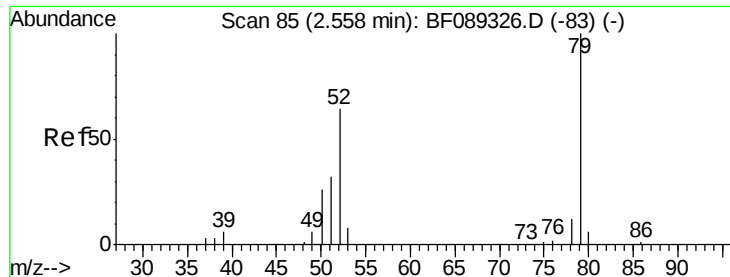


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.16 ng

RT: 2.52 min Scan# 82

Delta R.T. -0.05 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

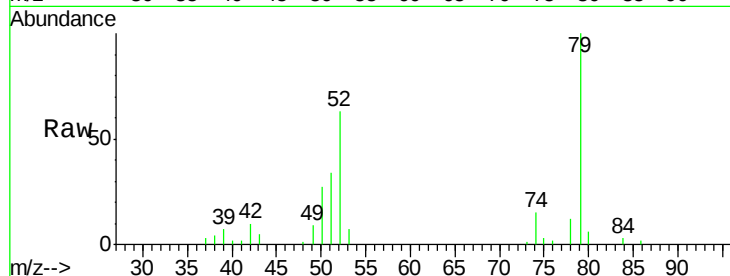
Tgt Ion: 79 Resp: 145219

Ion Ratio Lower Upper

79 100

52 63.2 51.9 77.9

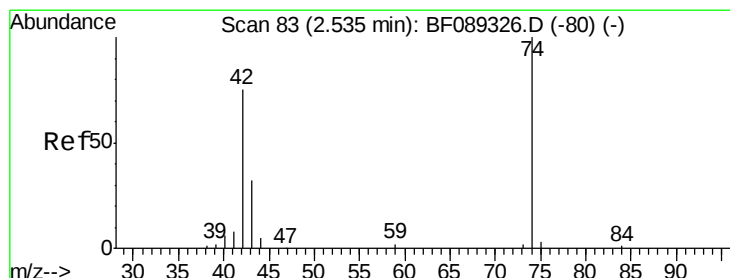
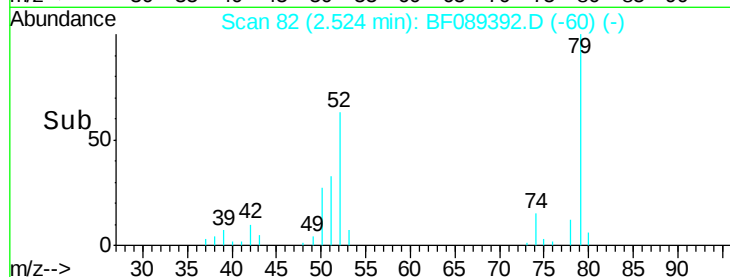
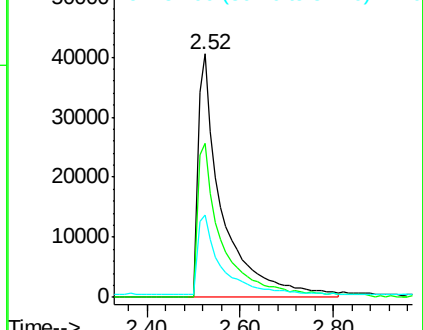
51 34.1 28.2 42.4



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: 42.41 ng

RT: 2.49 min Scan# 79

Delta R.T. -0.05 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

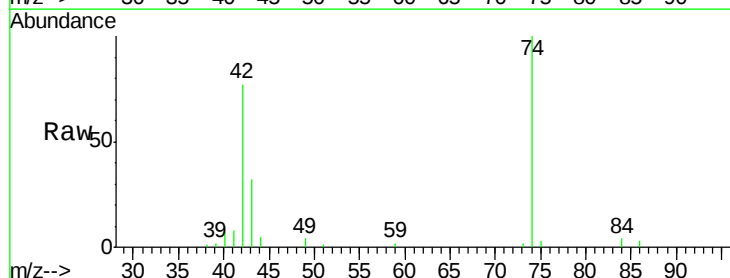
Tgt Ion: 42 Resp: 57263

Ion Ratio Lower Upper

42 100

74 130.4 110.8 166.2

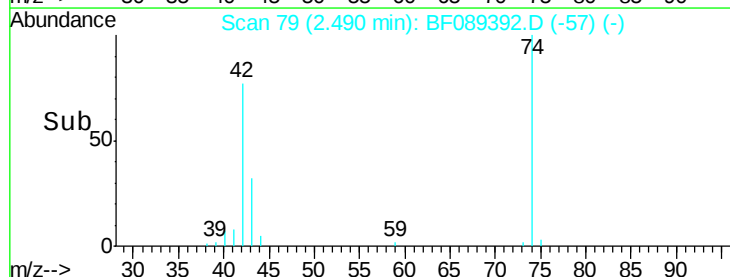
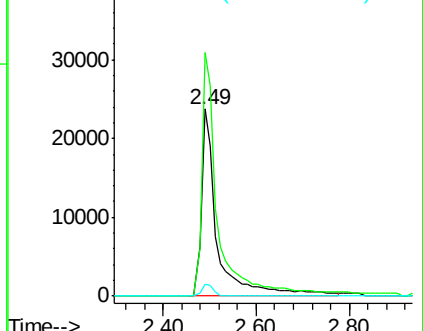
44 6.2 5.2 7.8

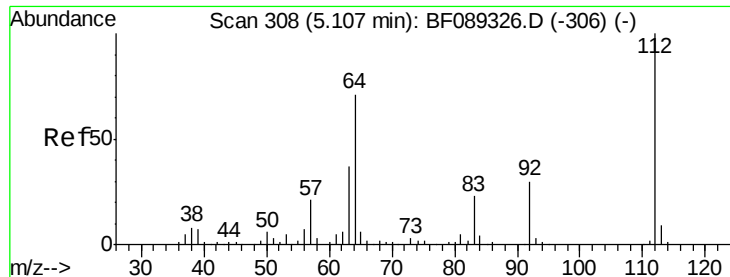


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.77 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089392.D

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SSTDCCC040

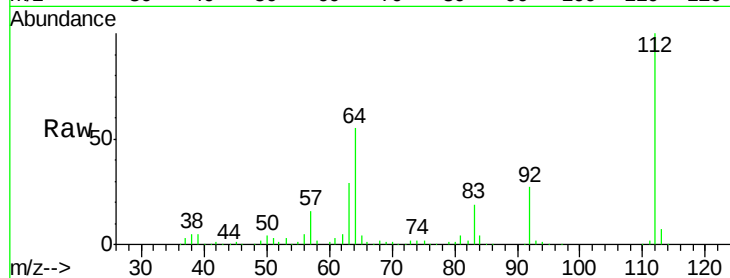
Tgt Ion: 112 Resp: 277799

Ion Ratio Lower Upper

112 100

64 54.7 55.0 82.6#

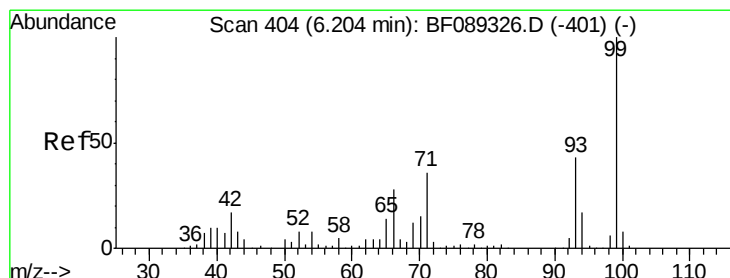
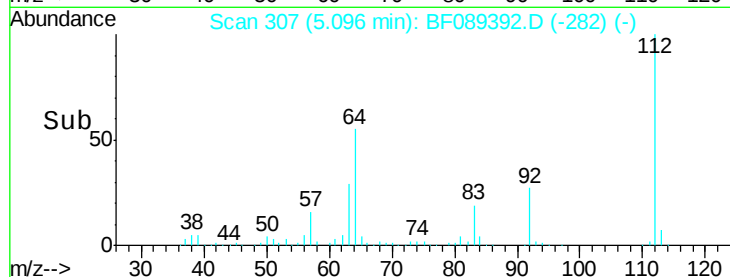
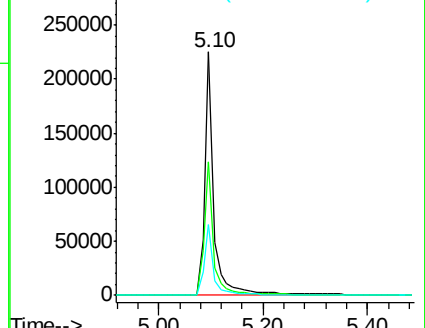
63 29.3 29.4 44.2#



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: 41.11 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

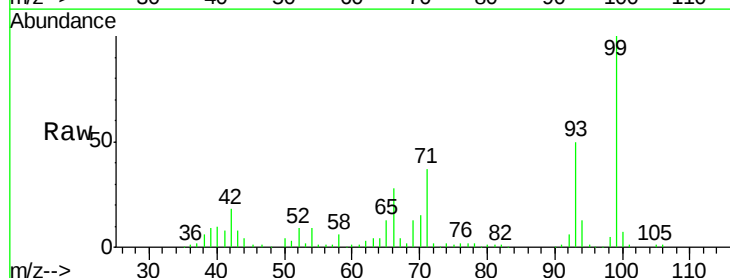
Tgt Ion: 93 Resp: 201771

Ion Ratio Lower Upper

93 100

66 55.8 51.6 77.4

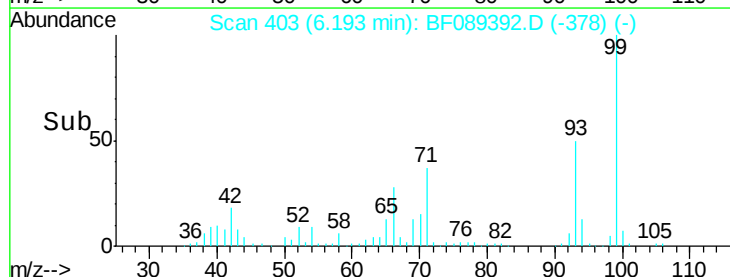
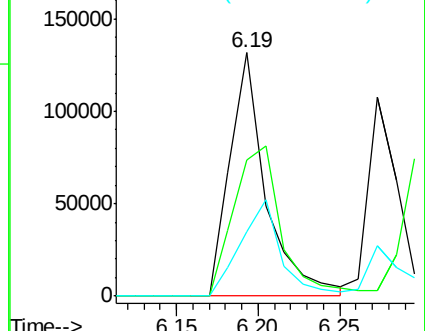
65 26.4 24.7 37.1

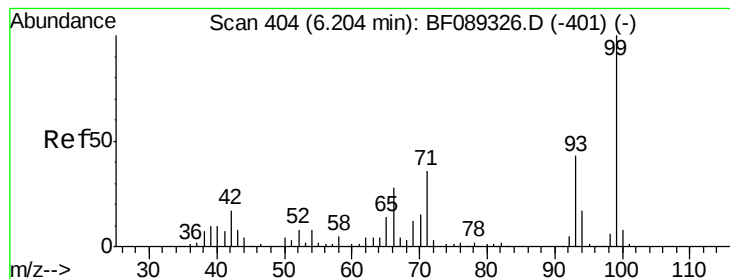


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.00 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089392.D

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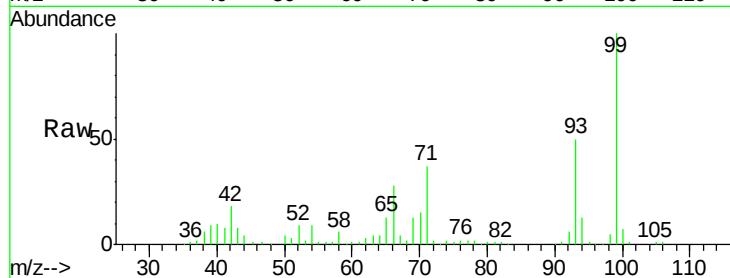
Tgt Ion: 99 Resp: 340890

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

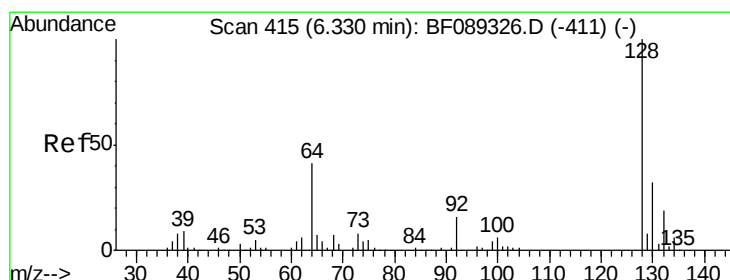
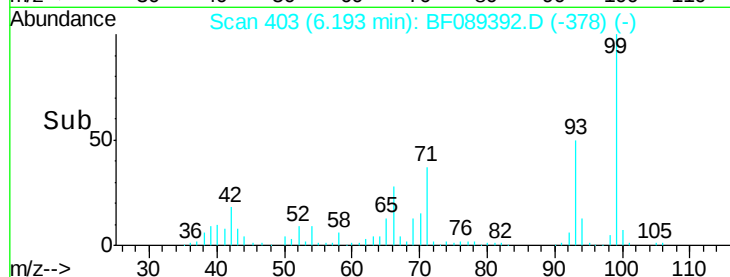
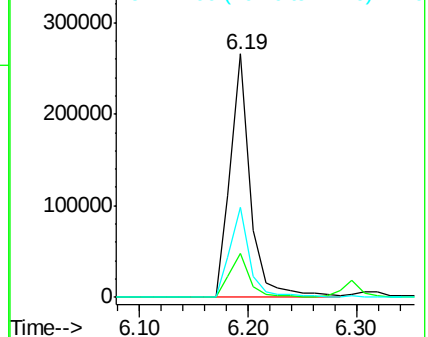
71 37.2 29.4 44.2



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: 37.83 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

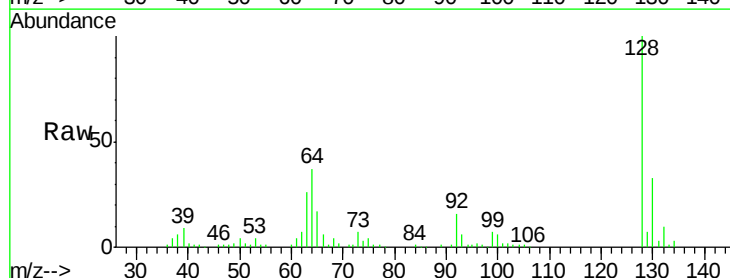
Tgt Ion: 128 Resp: 147176

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

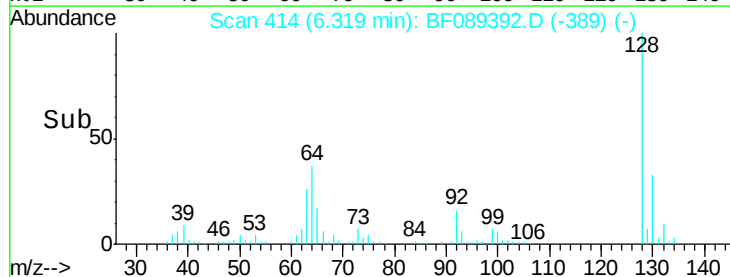
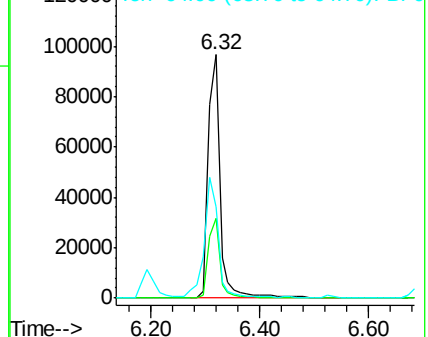
64 37.5 22.1 62.1

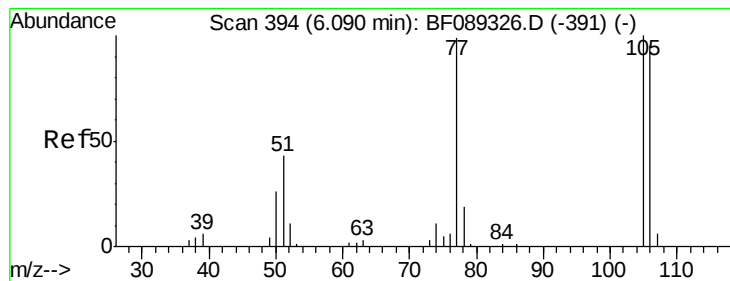


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.77 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF089392.D

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SSTDCCC040

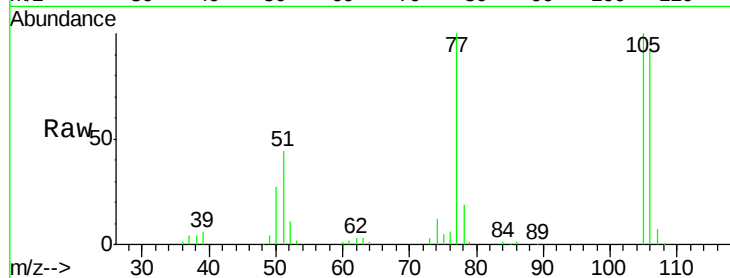
Tgt Ion: 77 Resp: 90489

Ion Ratio Lower Upper

77 100

105 99.7 82.9 122.9

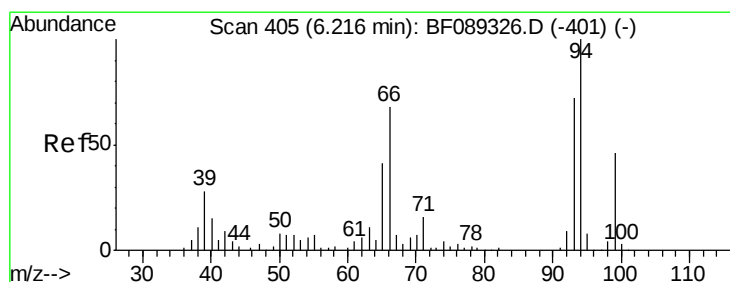
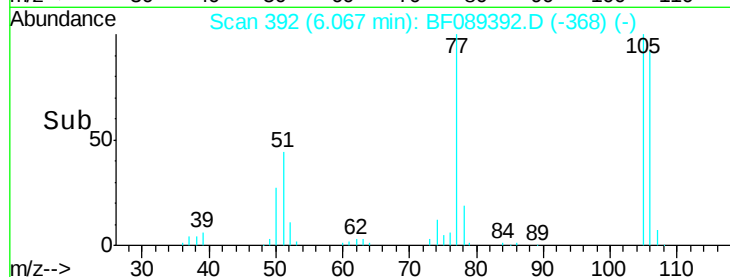
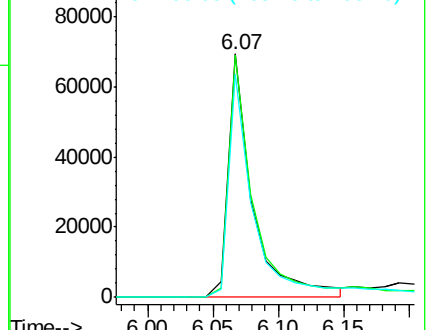
106 91.5 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.97 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

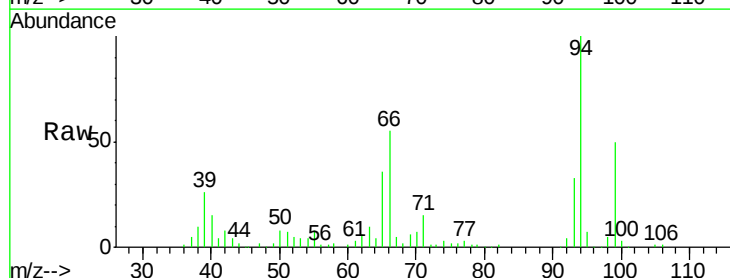
Tgt Ion: 94 Resp: 200445

Ion Ratio Lower Upper

94 100

65 35.8 19.1 59.1

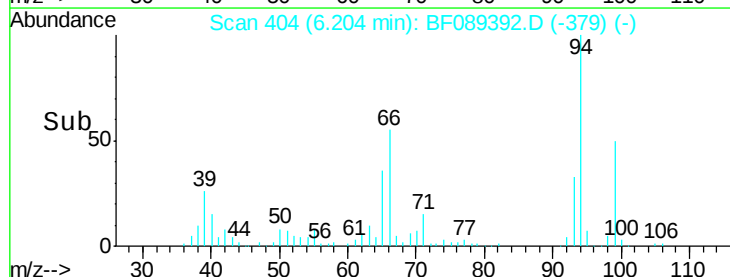
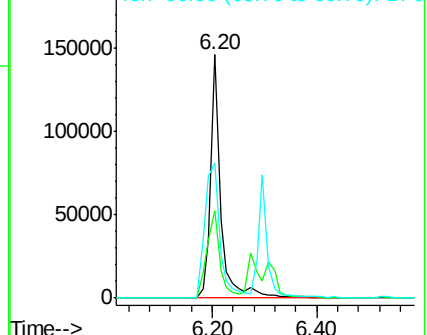
66 55.4 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.63 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

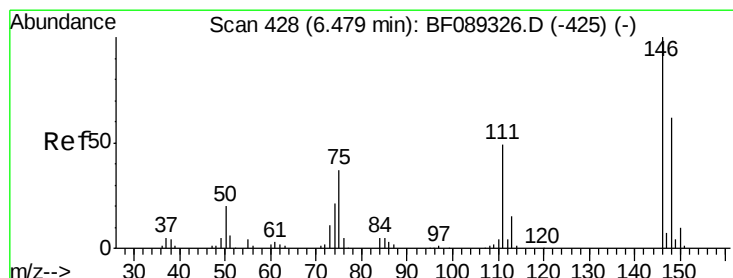
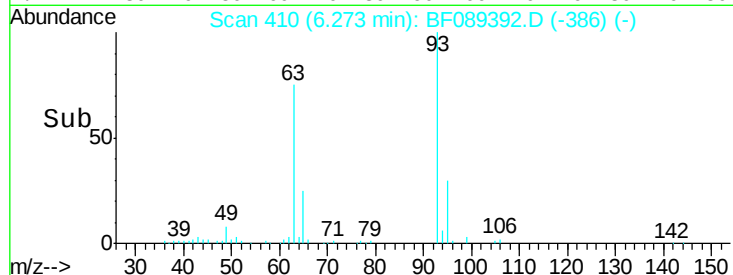
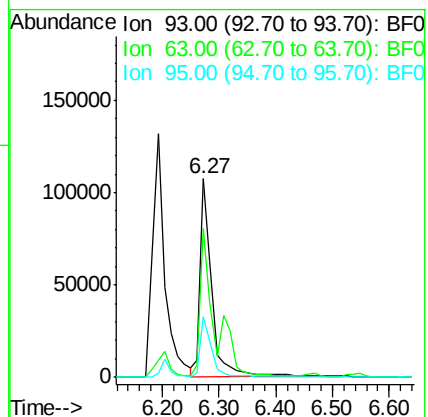
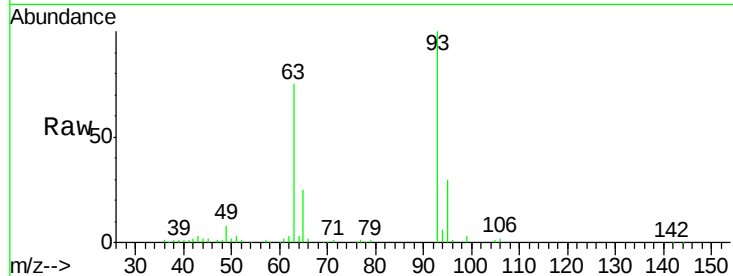
Tgt Ion: 93 Resp: 151820

Ion Ratio Lower Upper

93 100

63 75.1 45.6 85.6

95 30.4 11.1 51.1



#12

1,3-Dichlorobenzene

Concen: 38.94 ng m

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

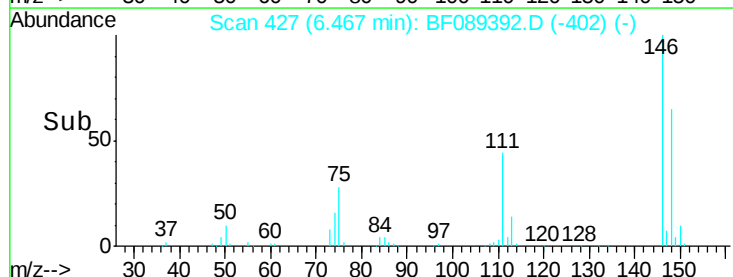
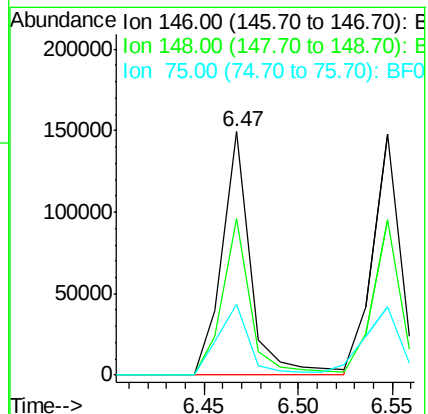
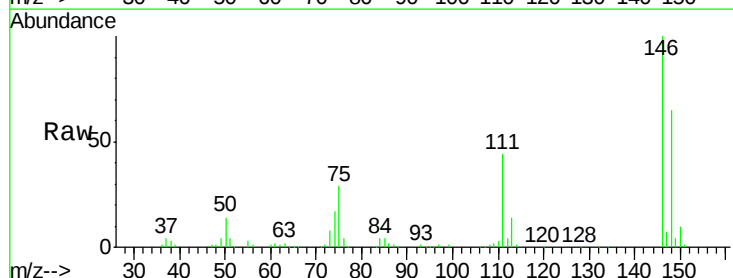
Tgt Ion: 146 Resp: 158469

Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

75 28.9 30.0 45.0#

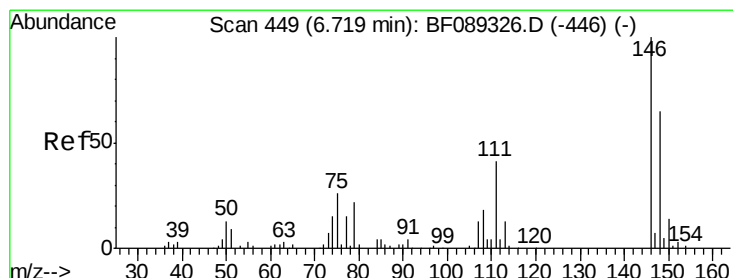
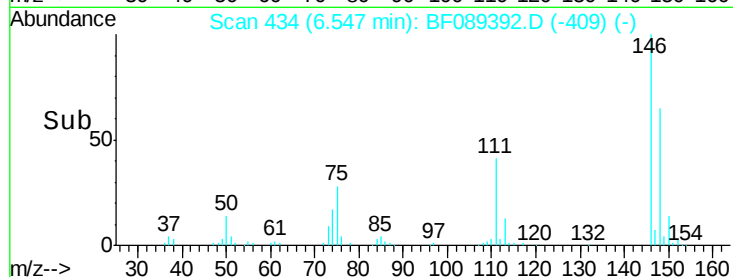
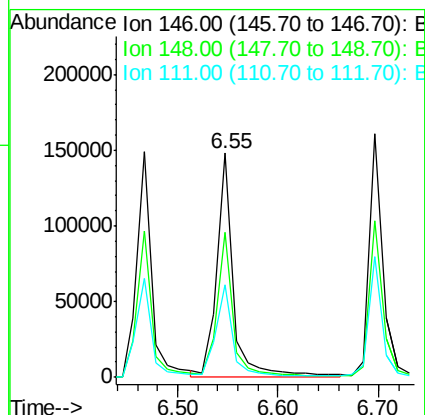
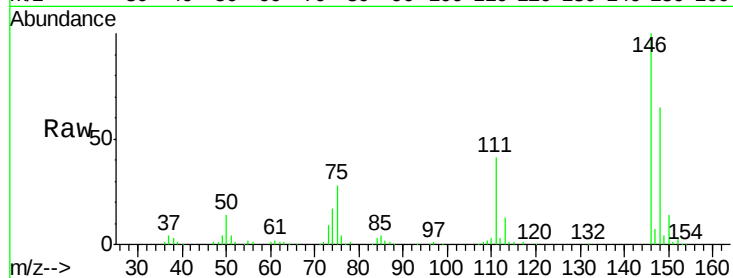




#13
 1,4-Dichlorobenzene
 Concen: 37.52 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

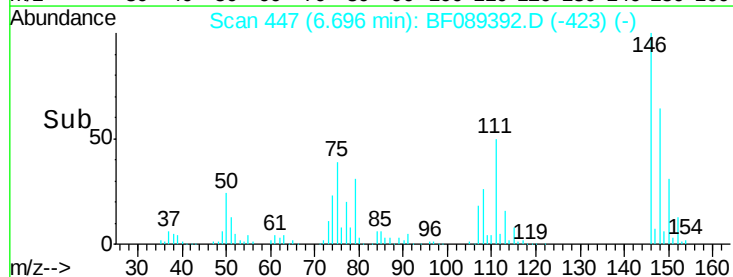
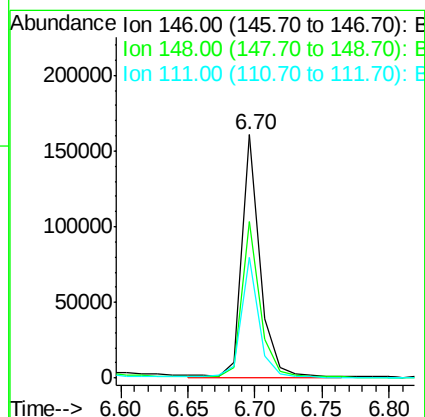
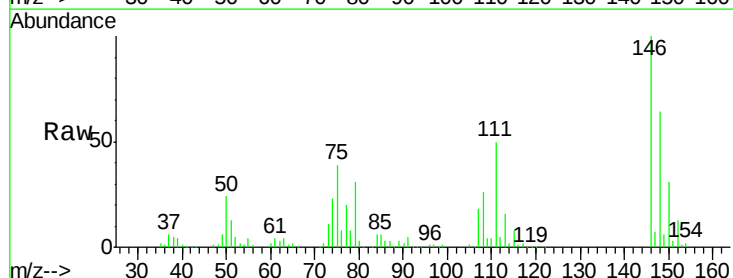
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

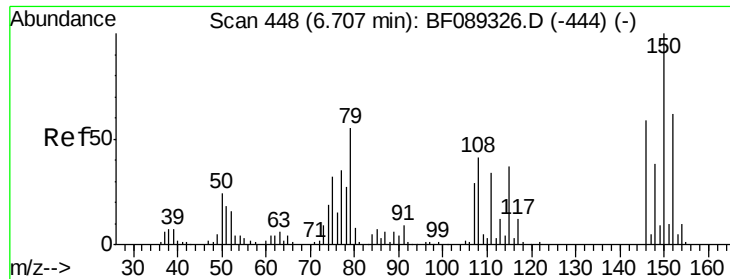
Tgt Ion:146 Resp: 168505
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 41.1 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 37.14 ng m
 RT: 6.70 min Scan# 447
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:146 Resp: 156246
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 49.8 33.0 49.4#

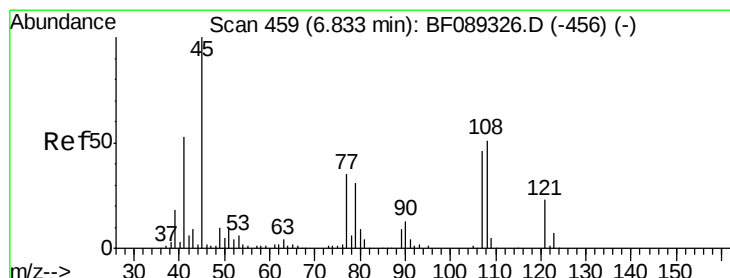
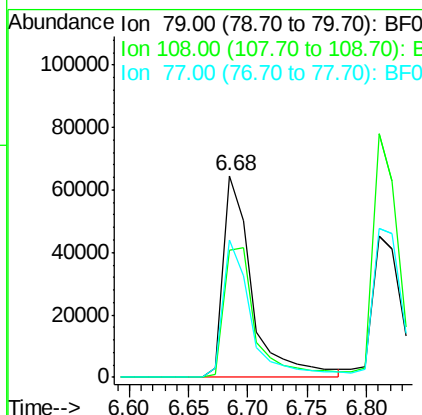
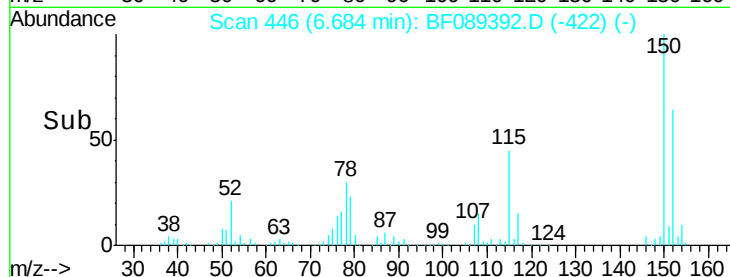
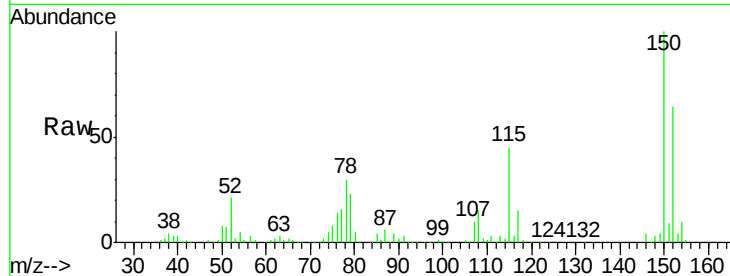




#15
Benzyl Alcohol
Concen: 38.59 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

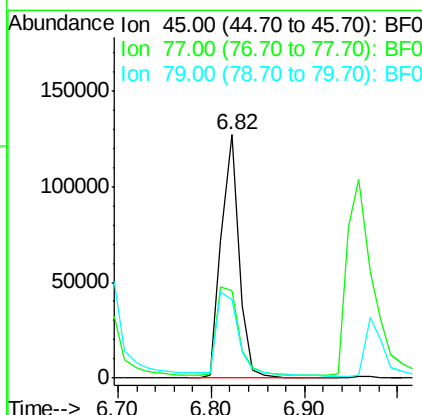
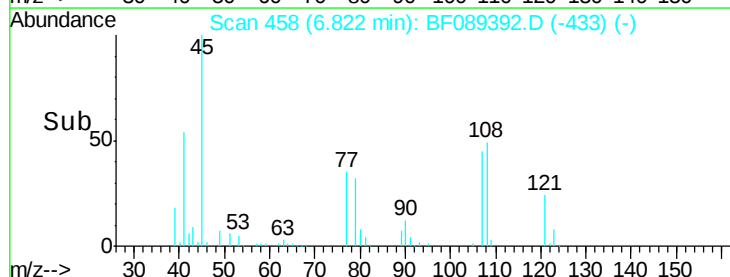
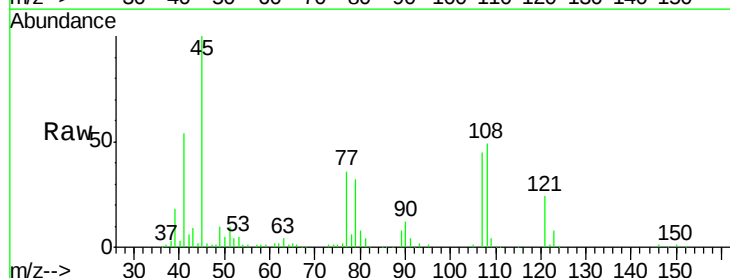
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

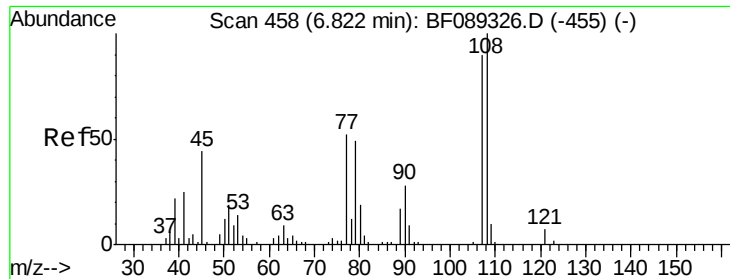
Tgt Ion: 79 Resp: 108842
Ion Ratio Lower Upper
79 100
108 62.7 59.8 89.6
77 68.3 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.58 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion: 45 Resp: 170033
Ion Ratio Lower Upper
45 100
77 36.1 17.3 57.3
79 32.2 13.9 53.9

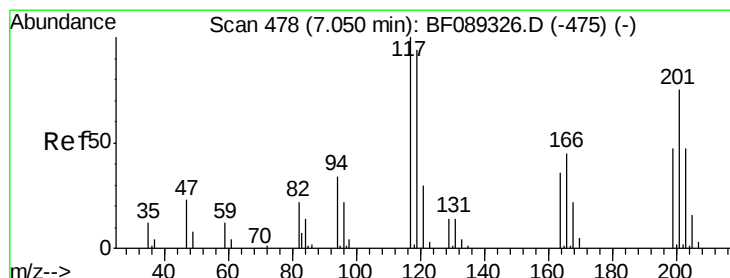
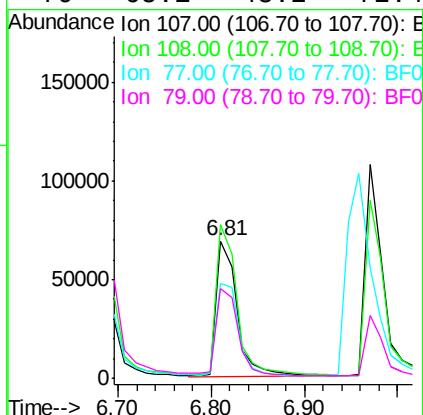
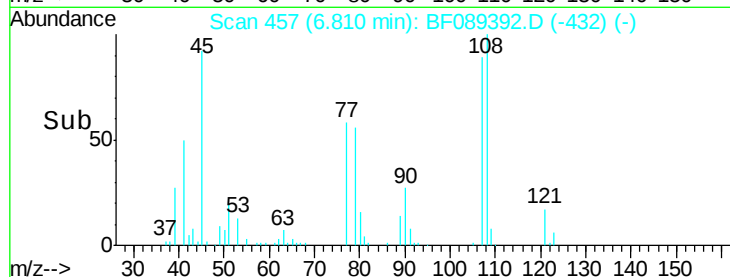
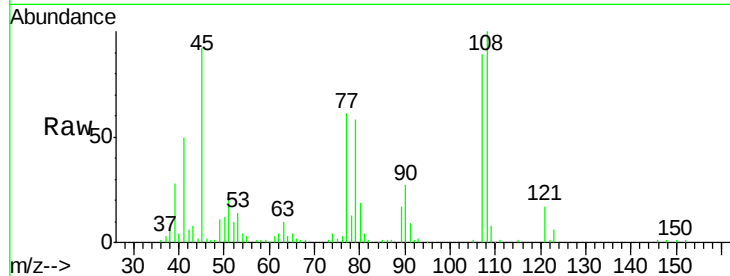




#17
2-Methylphenol
Concen: 35.45 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

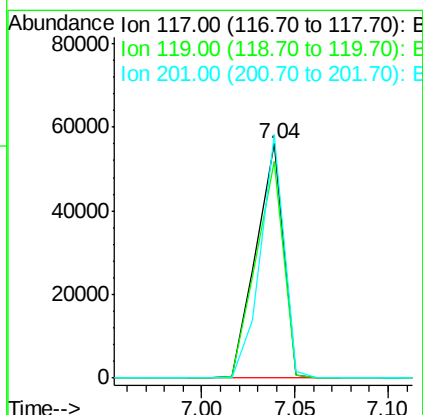
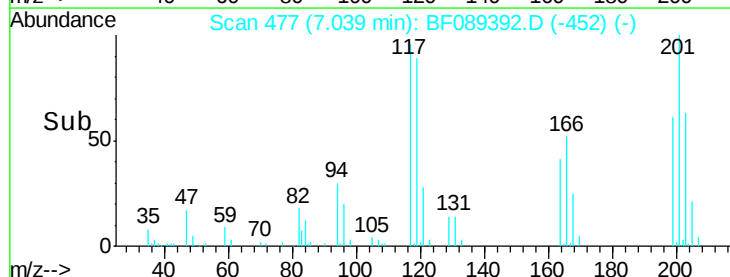
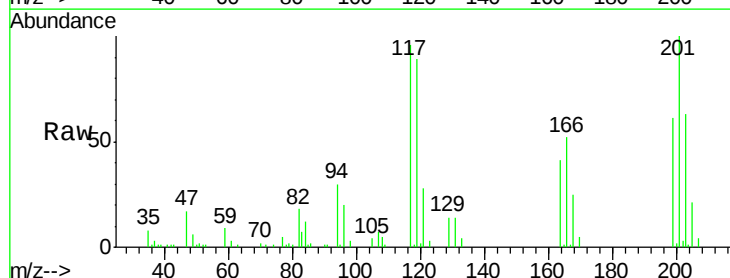
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

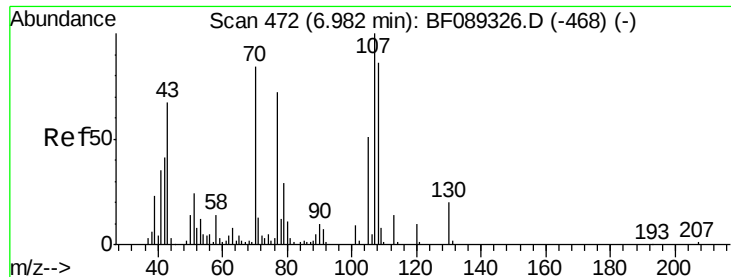
Tgt Ion:107 Resp: 106587
Ion Ratio Lower Upper
107 100
108 112.0 91.4 137.0
77 68.6 48.6 73.0
79 65.1 48.2 72.4



#18
Hexachloroethane
Concen: 33.15 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:117 Resp: 57078
Ion Ratio Lower Upper
117 100
119 92.2 76.0 114.0
201 103.9 60.0 90.0#

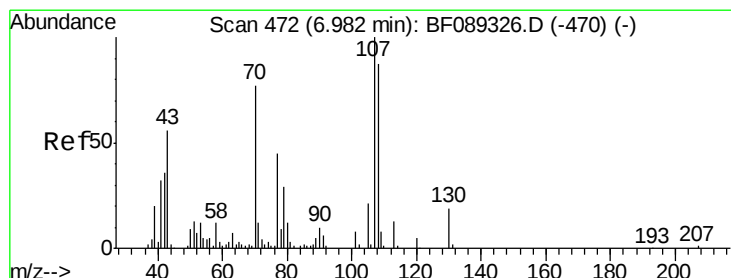
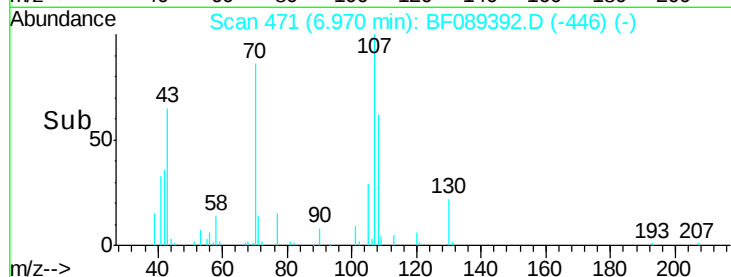
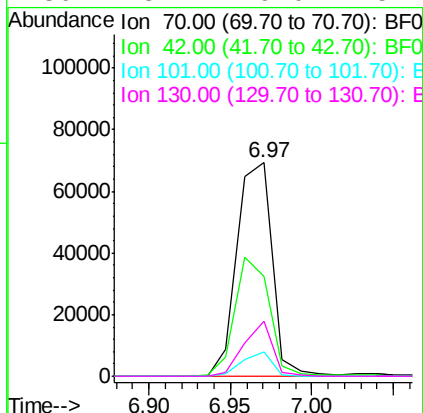
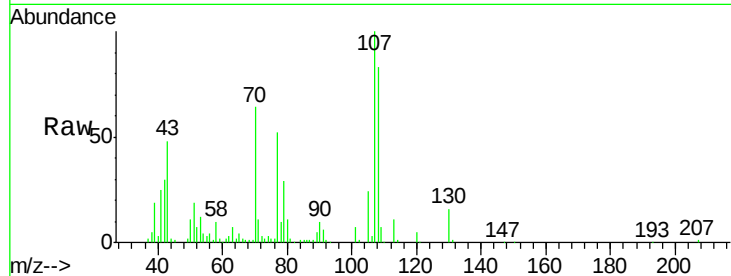




#19
n-Nitroso-di-n-propylamine
Concen: 37.87 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

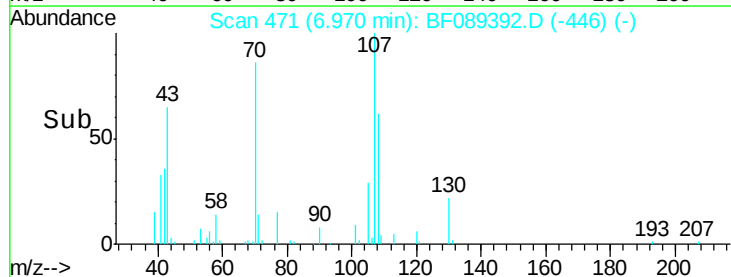
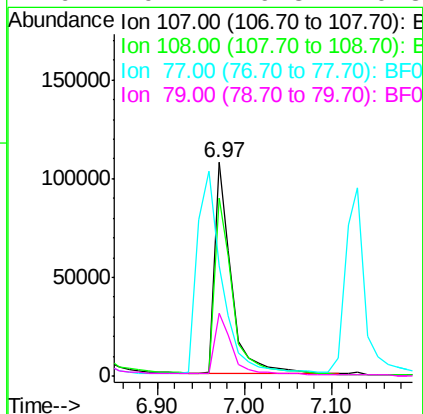
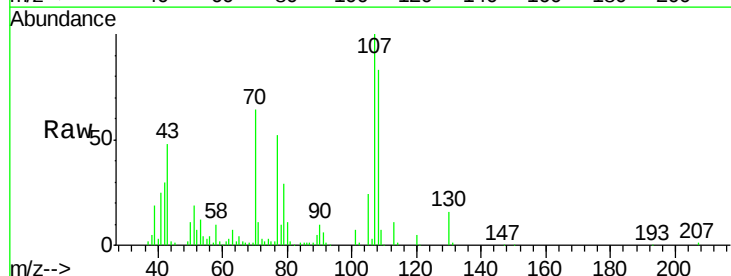
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

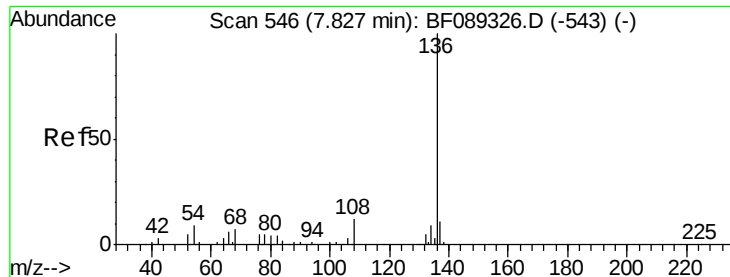
Tgt Ion:	70	Resp:	103779
Ion	Ratio	Lower	Upper
70	100		
42	46.6	38.6	57.8
101	11.6	8.3	12.5
130	25.7	19.0	28.4



#20
3+4-Methylphenols
Concen: 37.73 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:	107	Resp:	145695
Ion	Ratio	Lower	Upper
107	100		
108	83.3	63.3	103.3
77	51.7	51.1	91.1
79	29.4	9.3	49.3

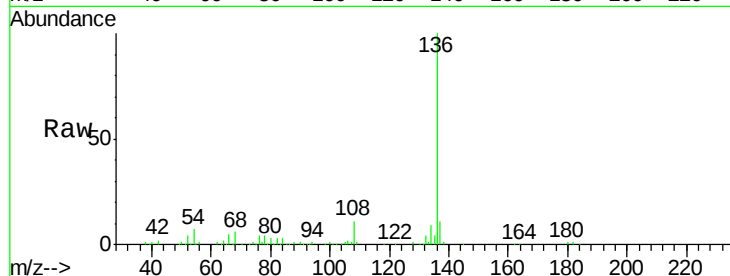




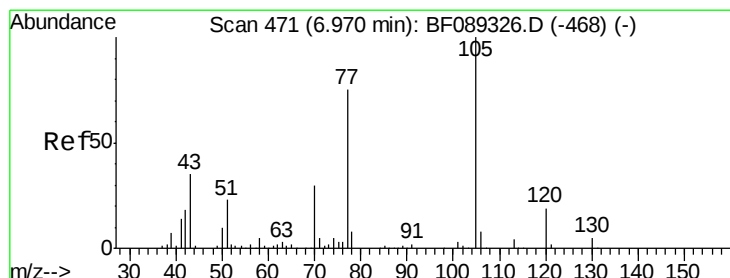
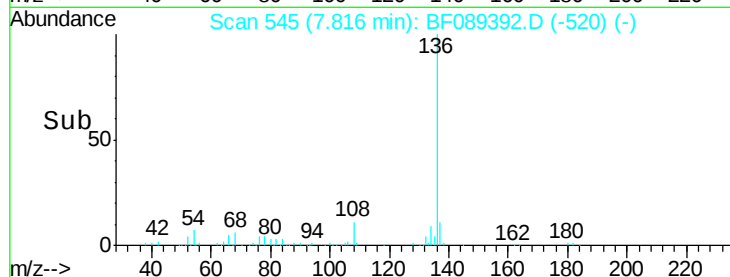
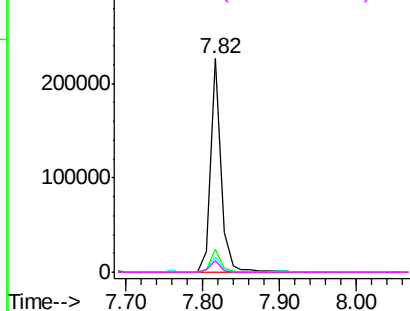
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	213610
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.3	7.0	10.4
68	5.7	4.9	7.3

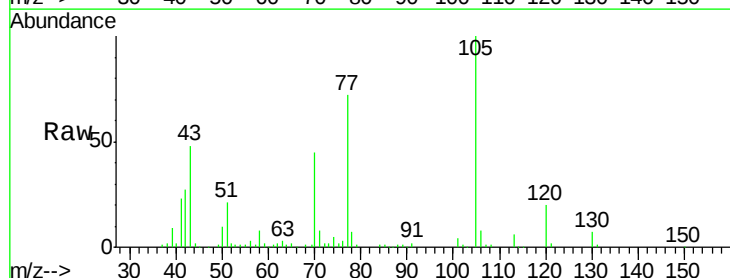


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

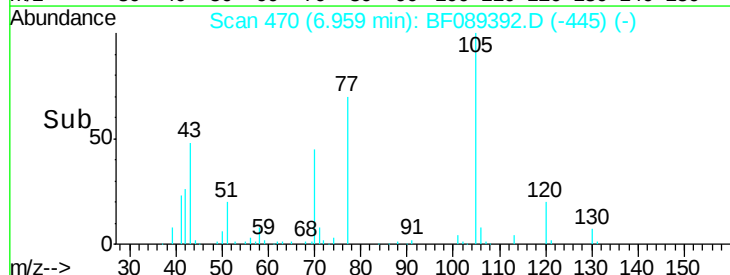
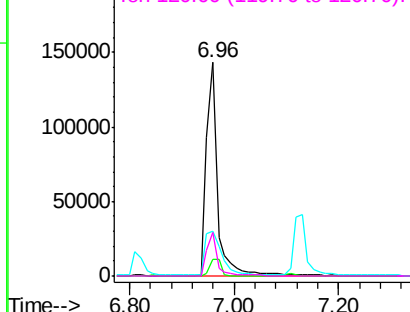


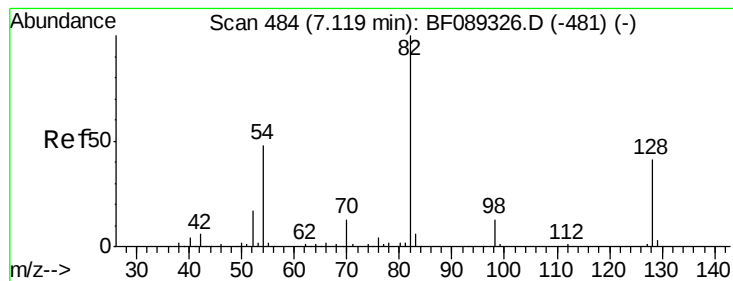
#22
Acetophenone
Concen: 42.16 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:	105	Resp:	214380
Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.2	6.2#
51	21.2	18.7	28.1
120	20.4	15.8	23.6



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





#23

Nitrobenzene-d5

Concen: 84.60 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

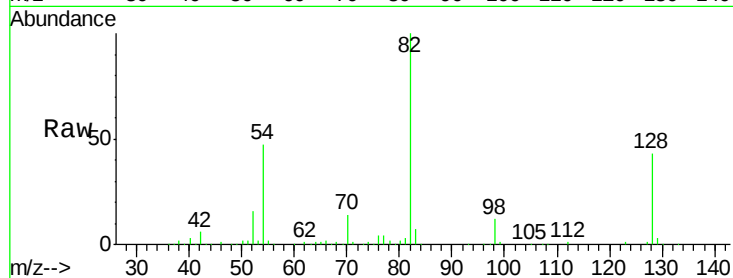
Tgt Ion: 82 Resp: 306152

Ion Ratio Lower Upper

82 100

128 43.1 32.5 48.7

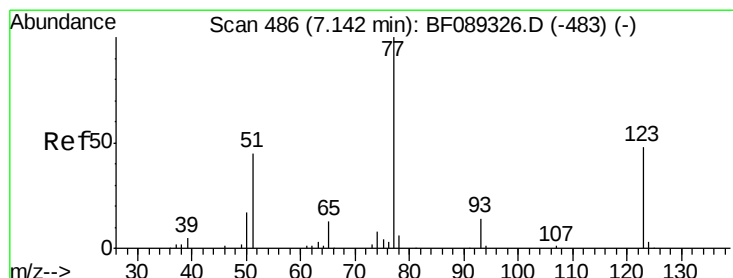
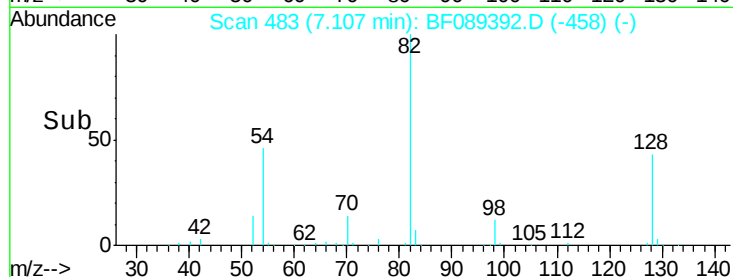
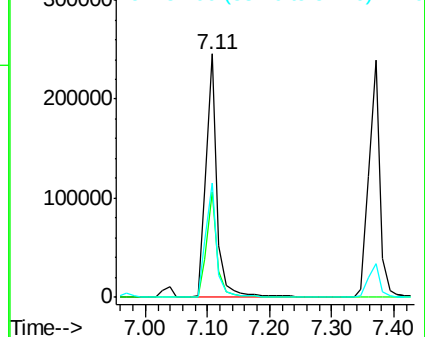
54 46.7 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.87 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

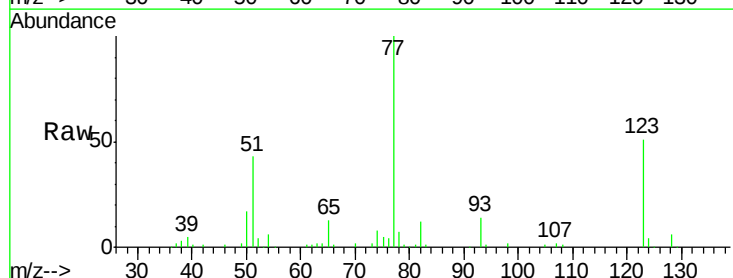
Tgt Ion: 77 Resp: 155998

Ion Ratio Lower Upper

77 100

123 51.0 37.2 55.8

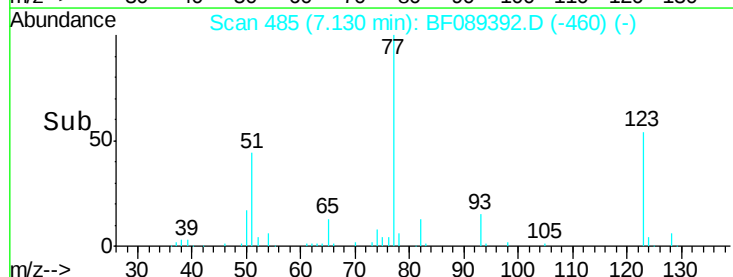
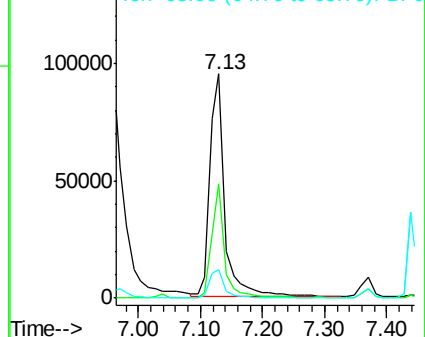
65 12.6 10.2 15.4

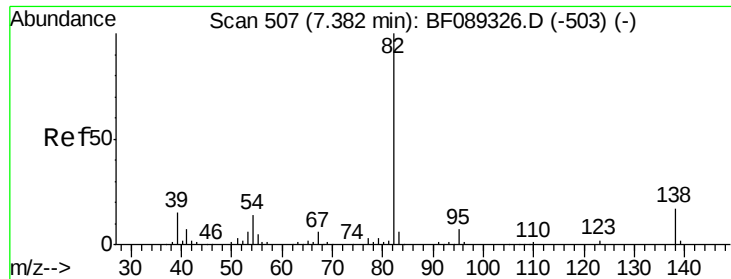


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.17 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

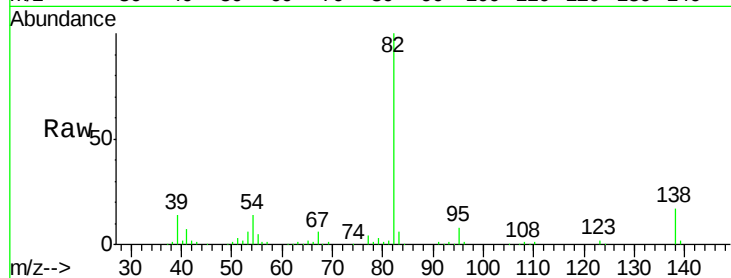
Tgt Ion: 82 Resp: 285523

Ion Ratio Lower Upper

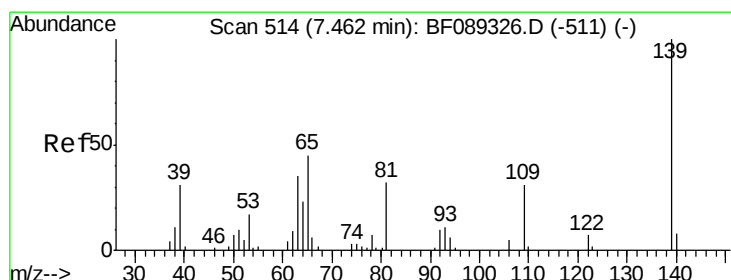
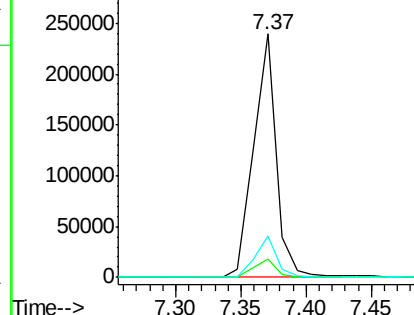
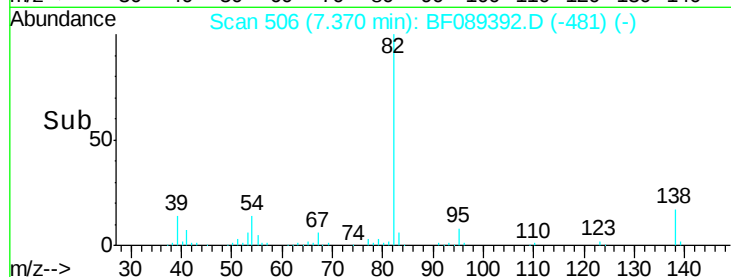
82 100

95 7.7 6.0 9.0

138 17.2 13.3 19.9



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



#26

2-Nitrophenol

Concen: 39.57 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

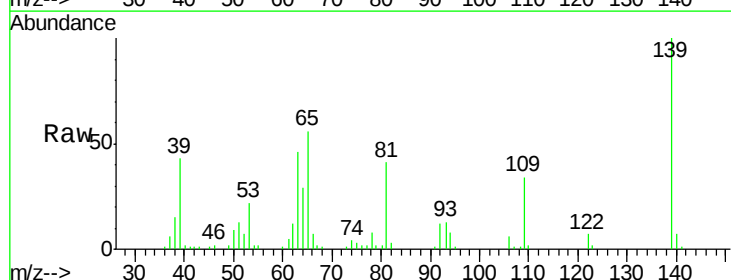
Tgt Ion: 139 Resp: 72866

Ion Ratio Lower Upper

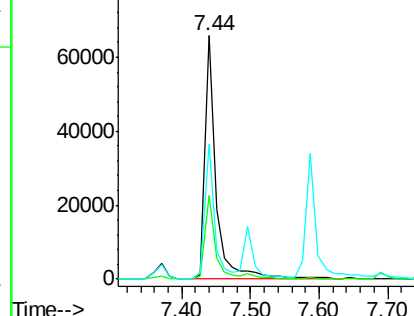
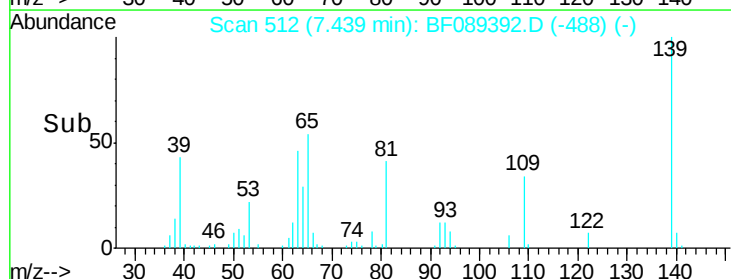
139 100

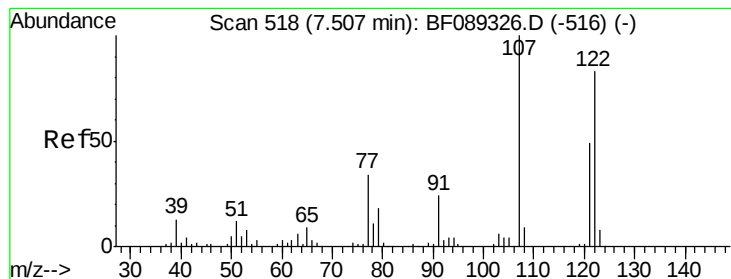
109 34.1 25.8 38.8

65 55.5 35.2 52.8#



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





#27

2,4-Dimethylphenol

Concen: 41.14 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

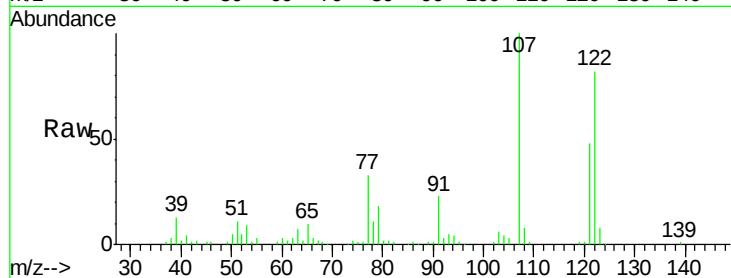
Tgt Ion:122 Resp: 120701

Ion Ratio Lower Upper

122 100

107 122.1 97.2 145.8

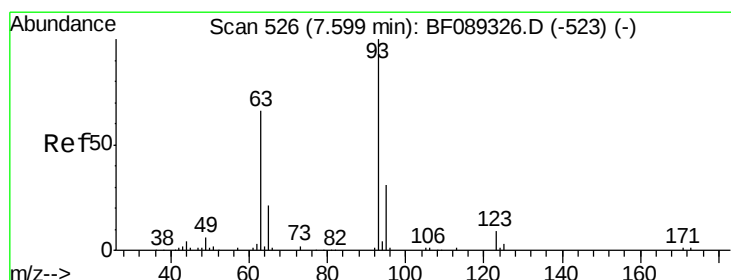
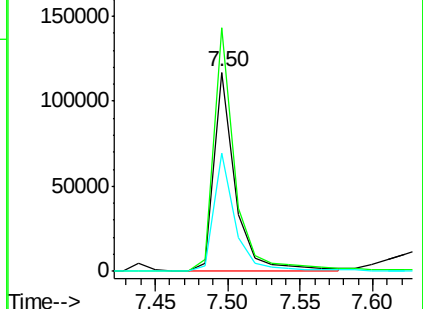
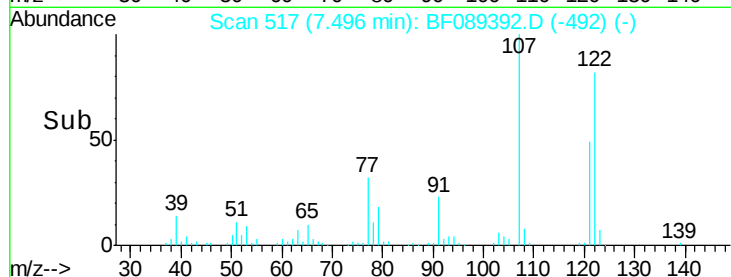
121 59.1 48.8 73.2



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: 44.33 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

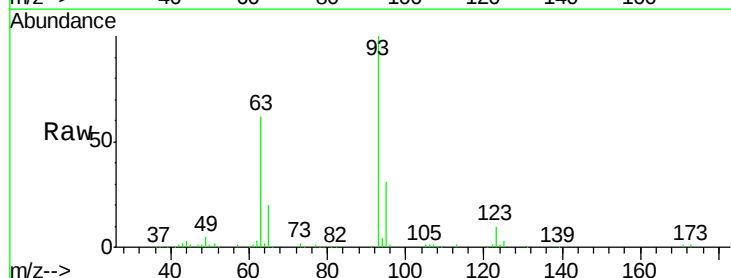
Tgt Ion: 93 Resp: 178872

Ion Ratio Lower Upper

93 100

95 31.3 24.7 37.1

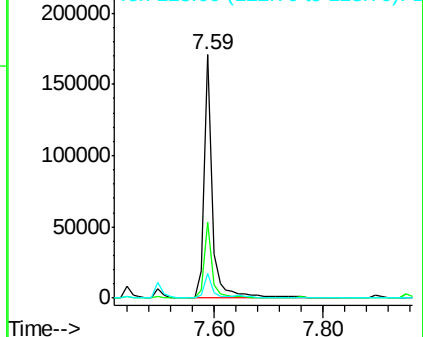
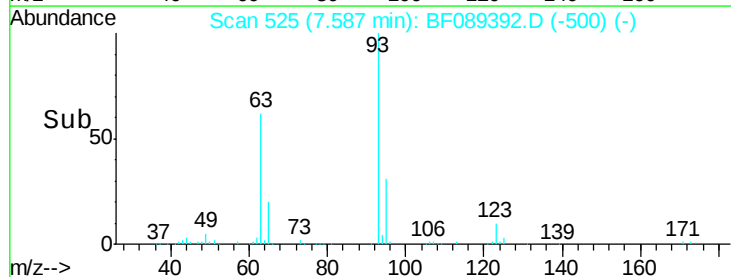
123 10.2 7.5 11.3

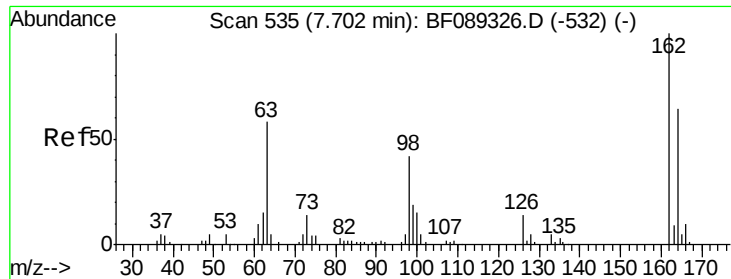


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

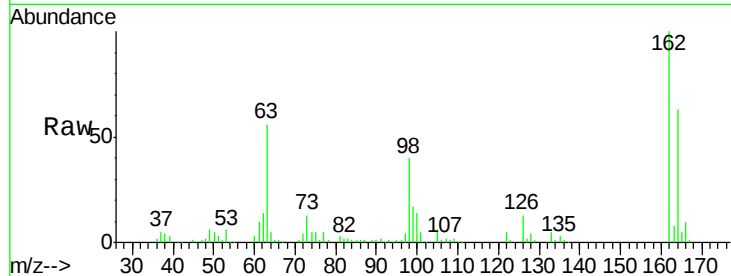




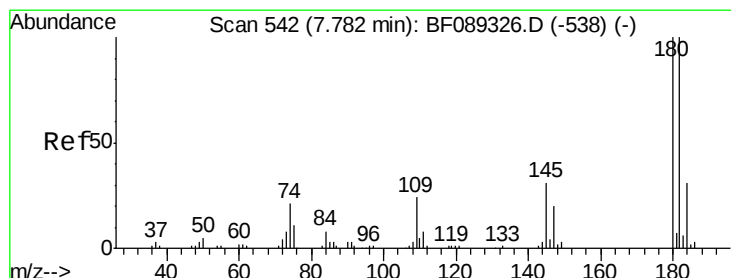
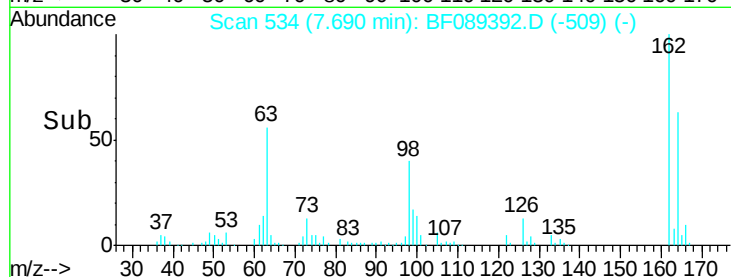
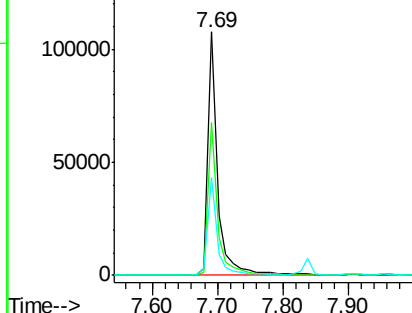
#29
 2,4-Dichlorophenol
 Concen: 42.21 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.0	84.0
98	40.1	21.8	61.8

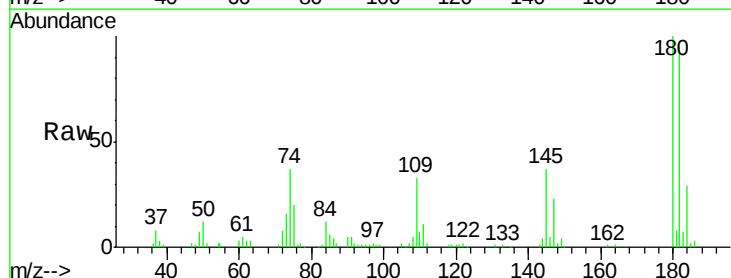


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

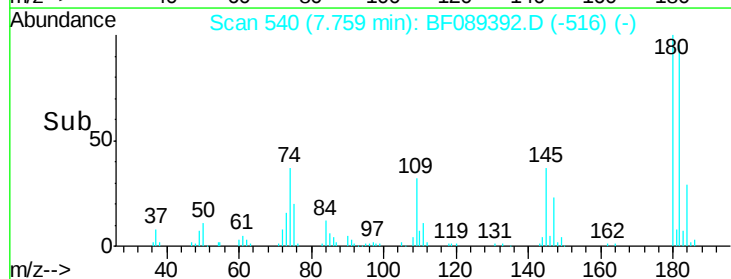
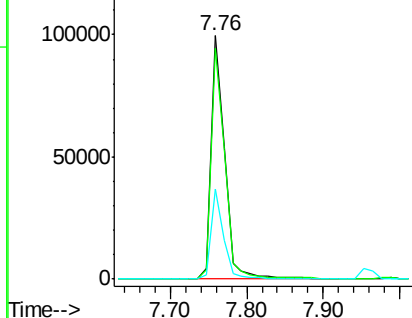


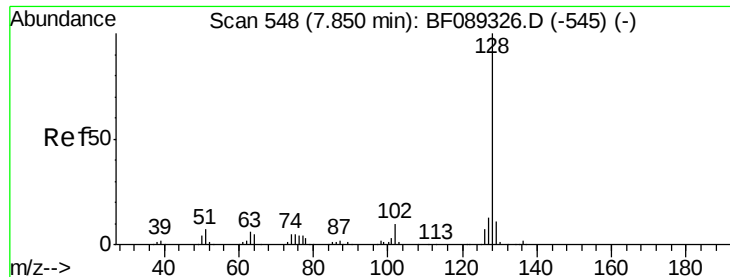
#30
 1,2,4-Trichlorobenzene
 Concen: 39.39 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.2	117.2
145	37.0	24.6	36.8#



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

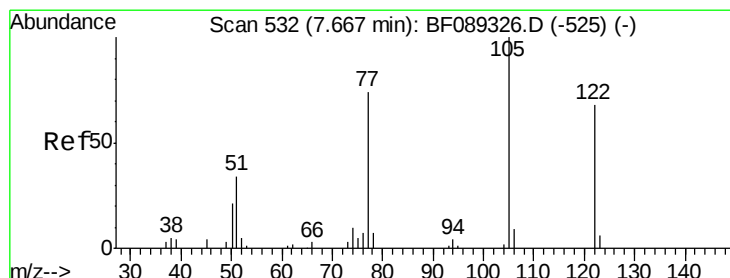
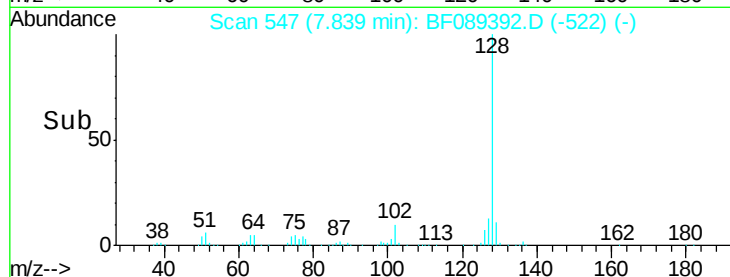
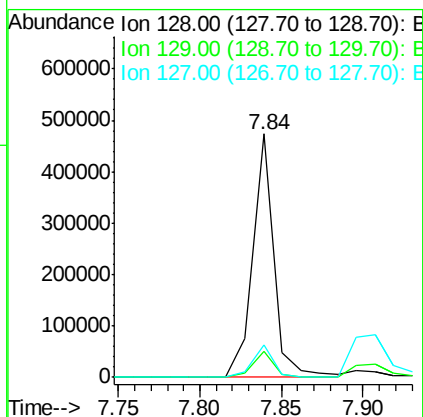
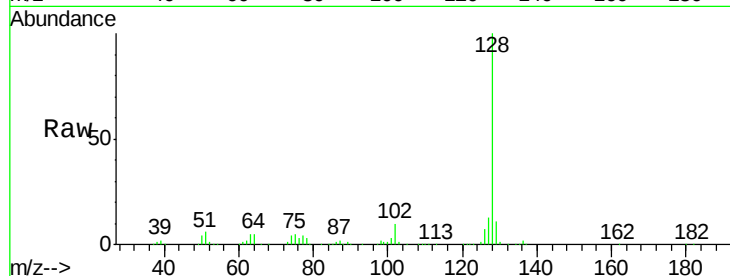




#31
Naphthalene
Concen: 40.37 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

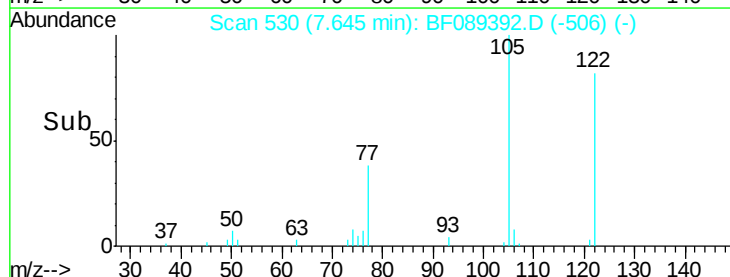
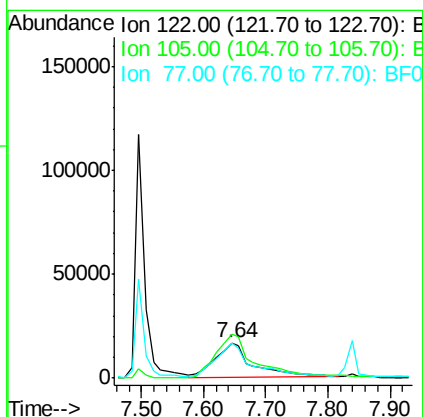
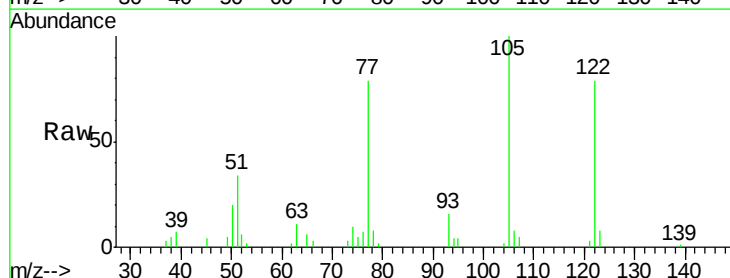
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

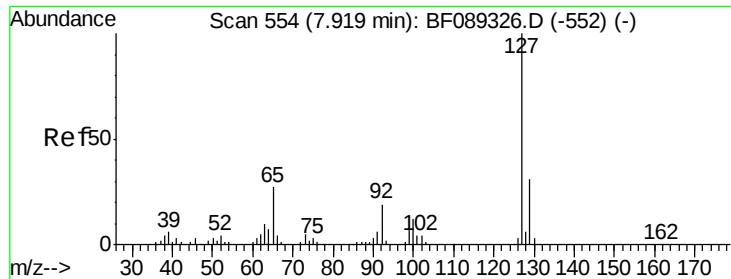
Tgt Ion:128 Resp: 427062
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 32.76 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:122 Resp: 66963
Ion Ratio Lower Upper
122 100
105 126.3 106.4 146.4
77 100.3 76.4 116.4

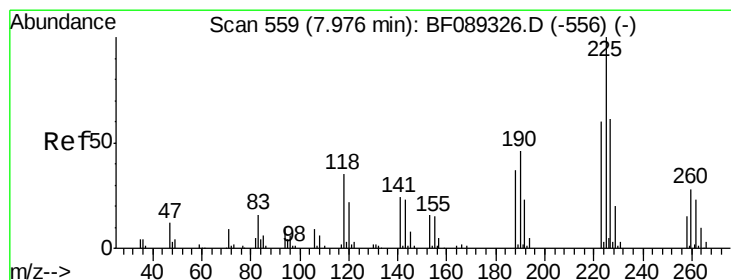
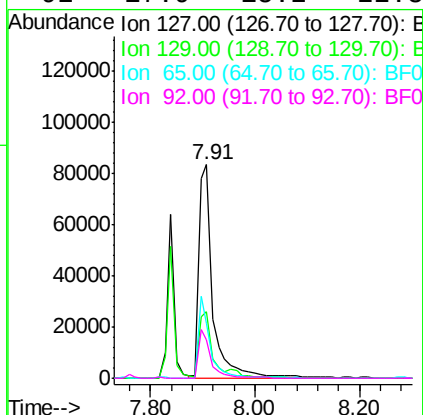
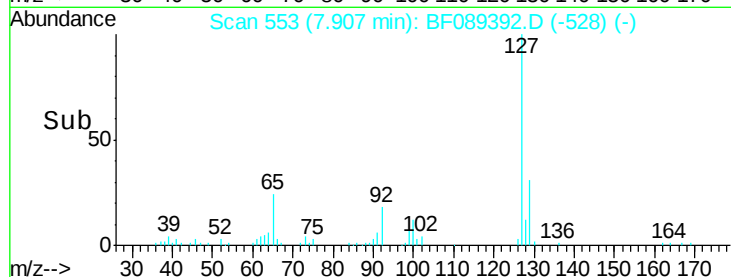
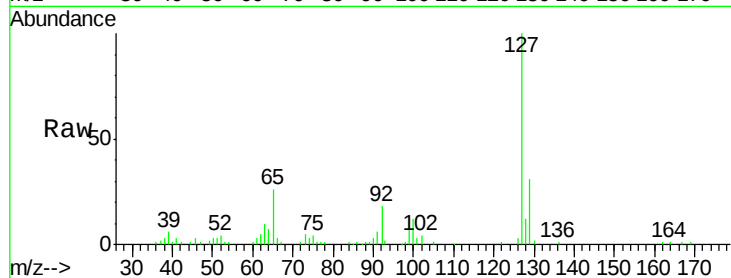




#33
4-Chloroaniline
Concen: 39.39 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

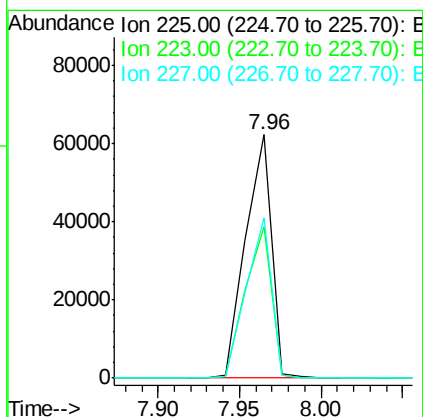
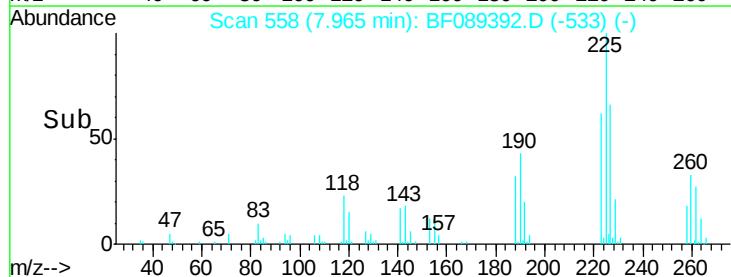
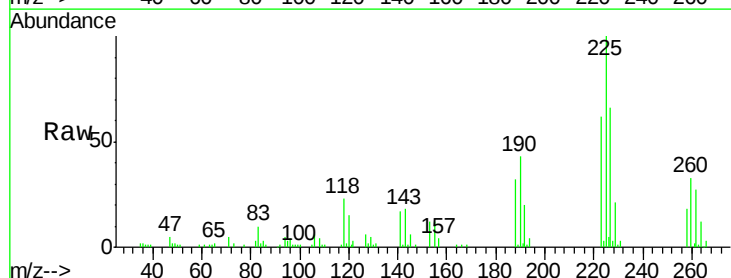
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

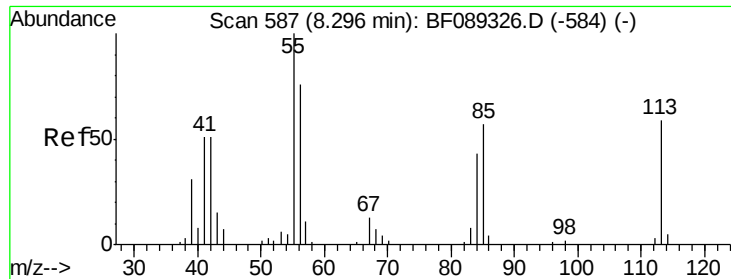
Tgt Ion:	127	Resp:	158621
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.1	39.1
65	25.9	22.0	33.0
92	17.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.10 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:	225	Resp:	68293
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	65.9	49.4	74.2

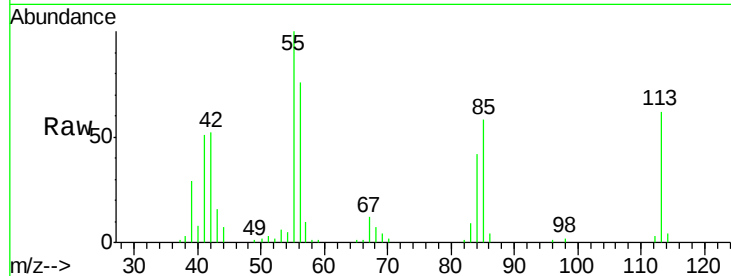




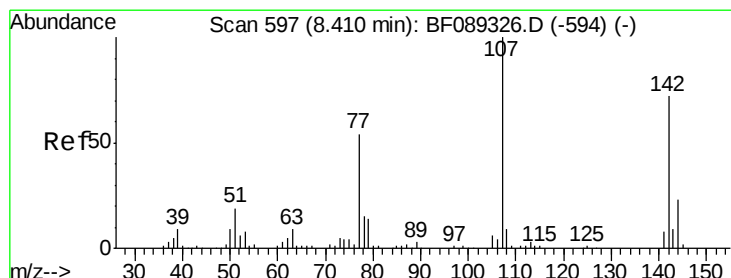
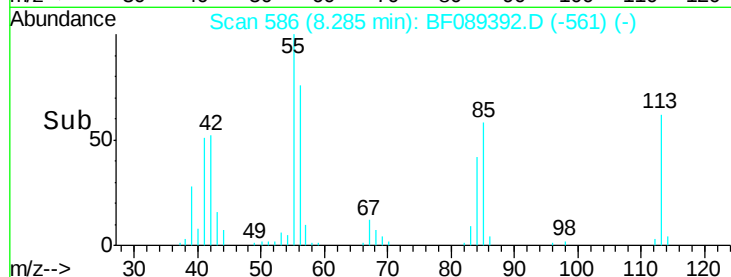
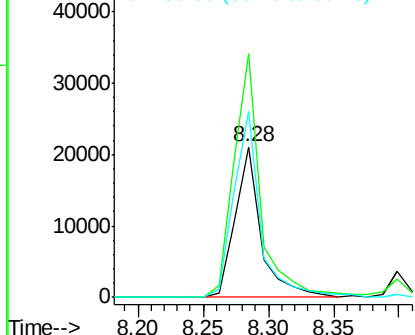
#35
 Caprolactam
 Concen: 35.77 ng
 RT: 8.28 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 28858
 Ion Ratio Lower Upper
 113 100
 55 161.7 142.3 182.3
 56 123.1 105.8 145.8

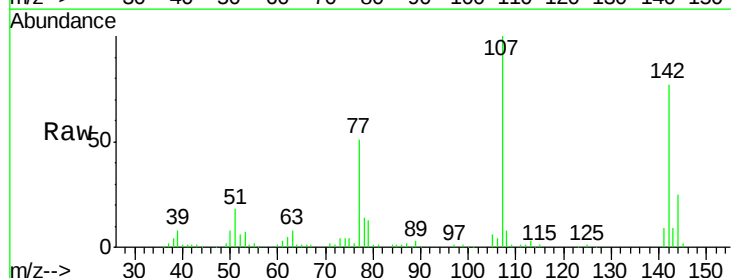


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

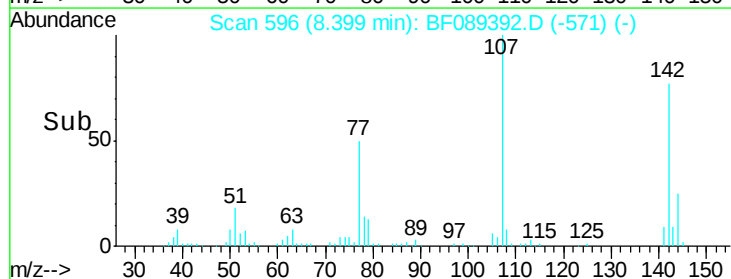
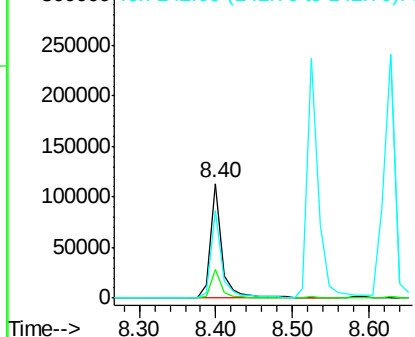


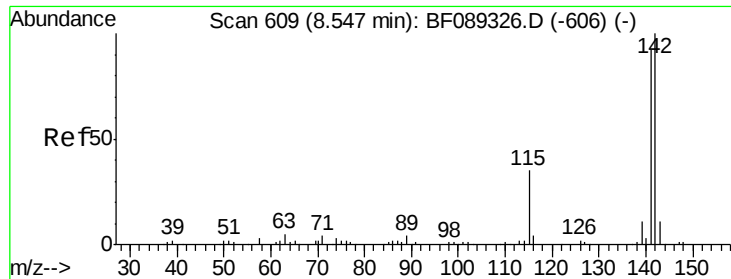
#36
 4-Chloro-3-methylphenol
 Concen: 37.89 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:107 Resp: 120385
 Ion Ratio Lower Upper
 107 100
 144 24.6 18.4 27.6
 142 76.7 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

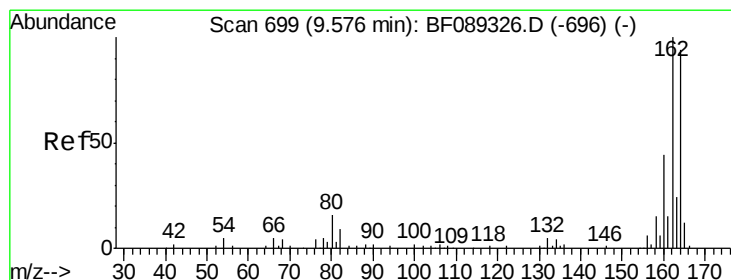
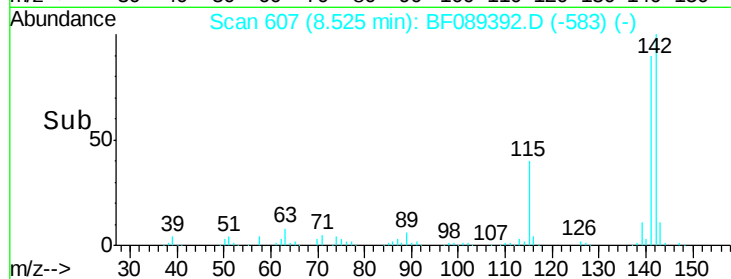
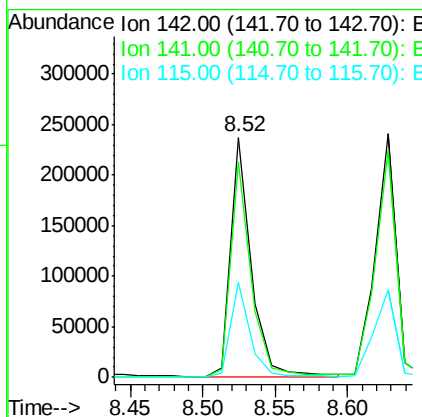
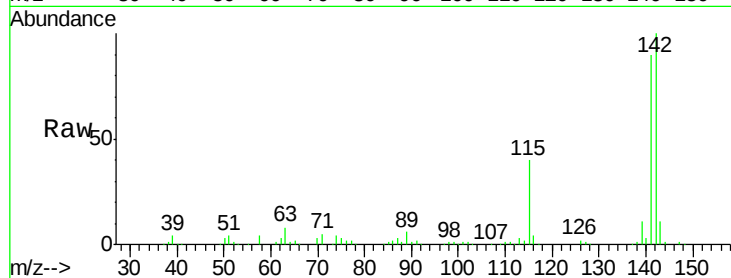




#37
 2-Methylnaphthalene
 Concen: 37.09 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

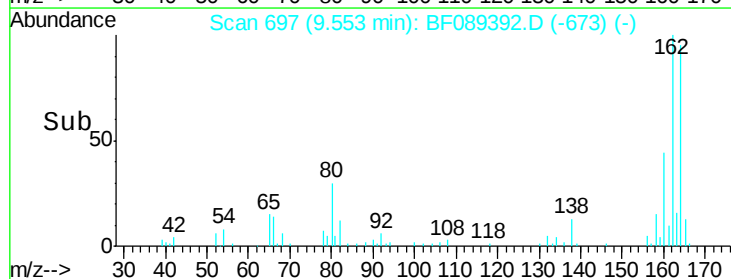
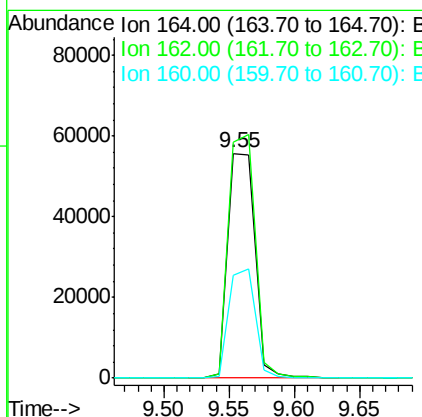
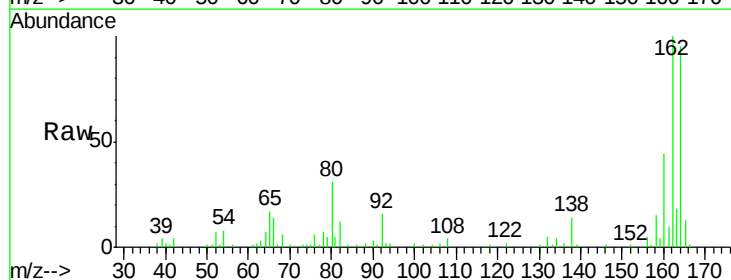
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

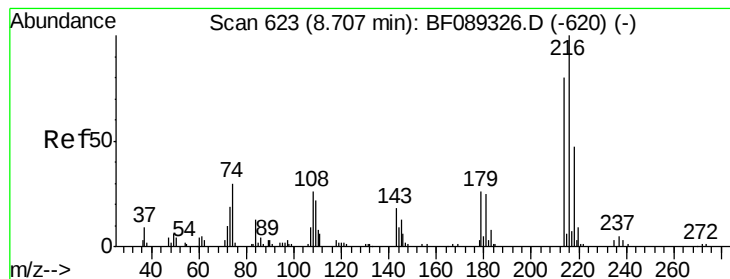
Tgt Ion:142 Resp: 236392
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.9 106.3
 115 39.6 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:164 Resp: 80356
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.7 125.5
 160 45.6 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.73 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 134207

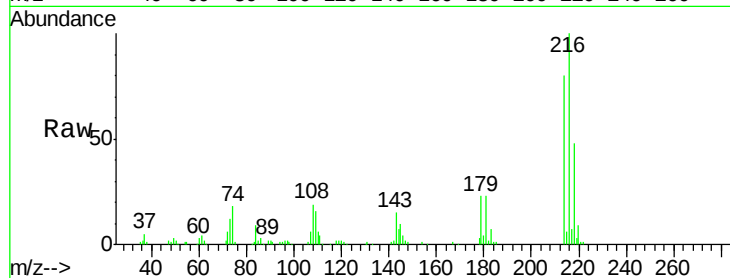
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 22.7 18.1 27.1

108 19.6 17.2 25.8

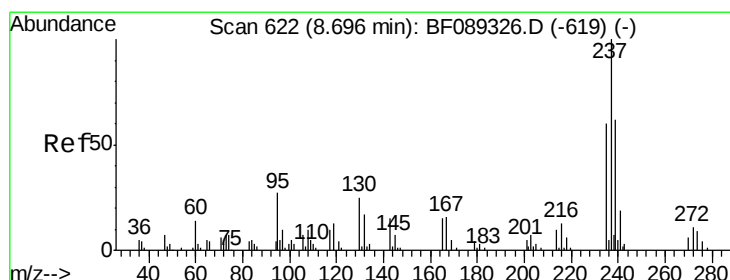
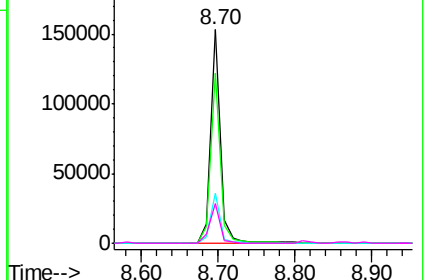
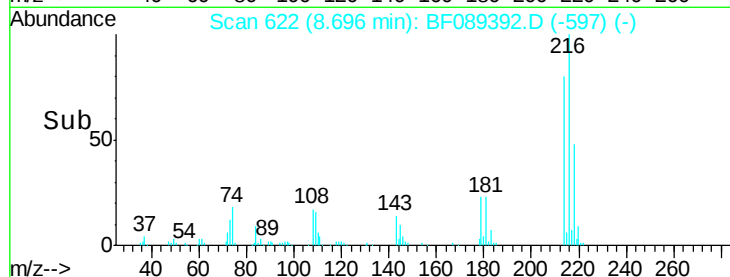


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.92 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

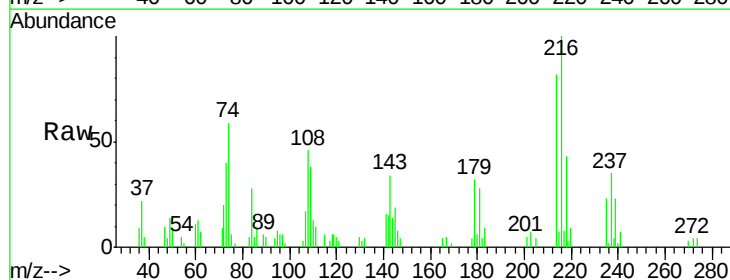
Tgt Ion:237 Resp: 4509

Ion Ratio Lower Upper

237 100

235 67.2 41.6 81.6

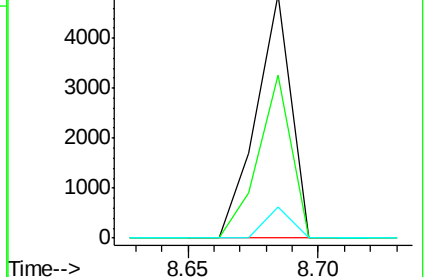
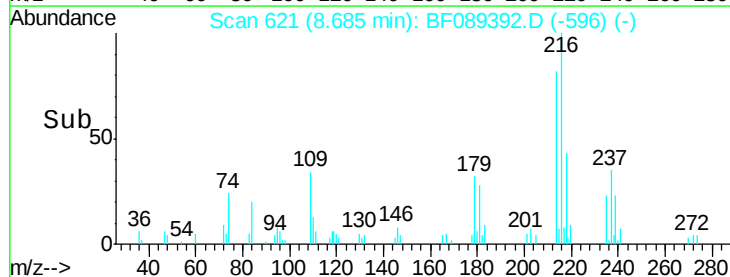
272 13.0 0.0 30.8

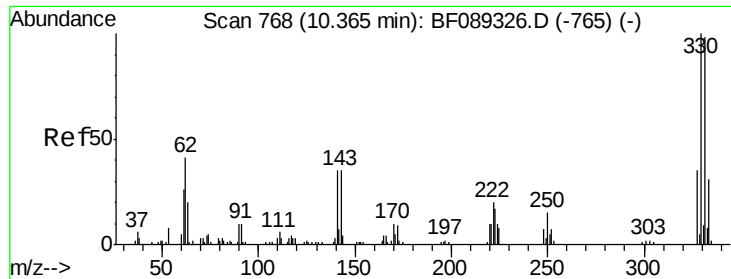


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

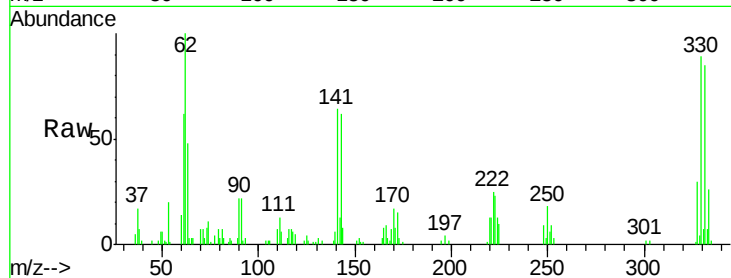




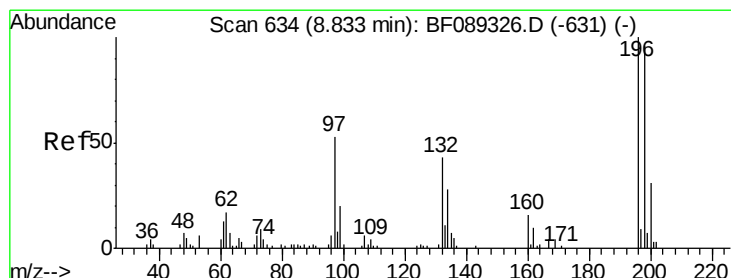
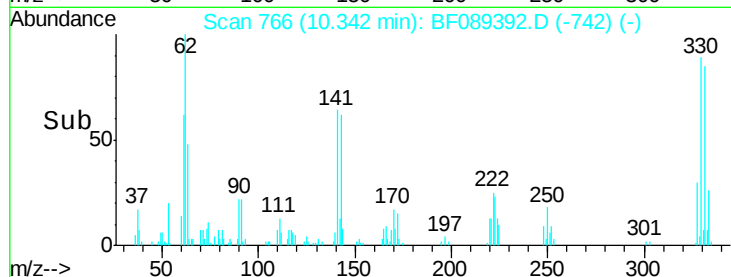
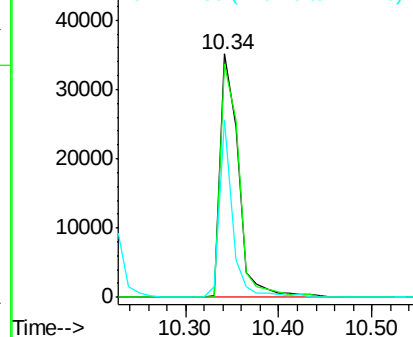
#41
 2,4,6-Tribromophenol
 Concen: 71.10 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:330 Resp: 47316
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 52.6 37.3 55.9

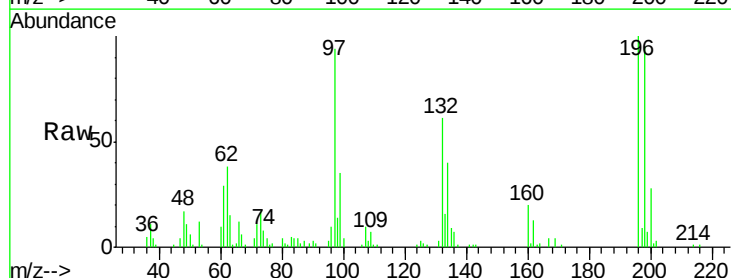


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

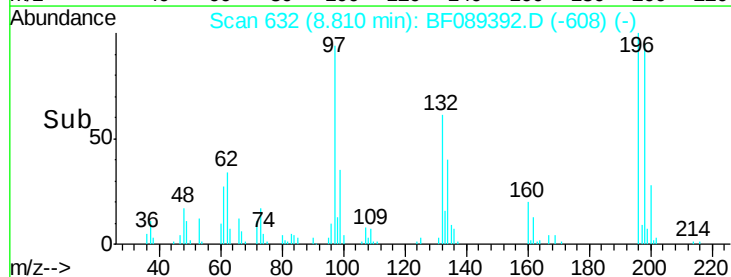
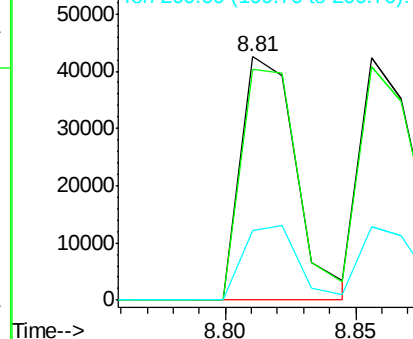


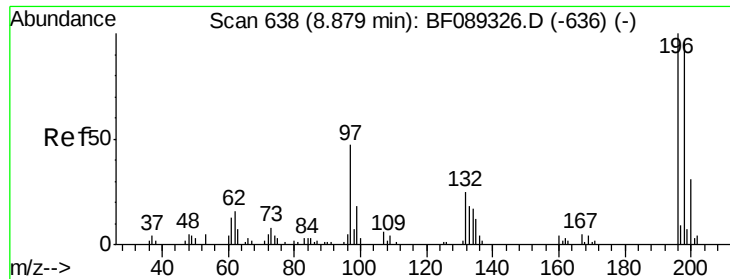
#42
 2,4,6-Trichlorophenol
 Concen: 47.08 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:196 Resp: 62950
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.5 113.3
 200 28.4 23.9 35.9



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

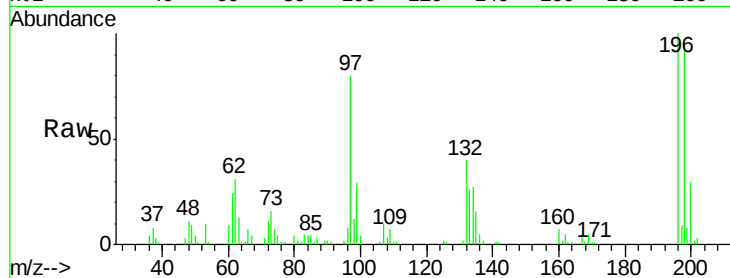




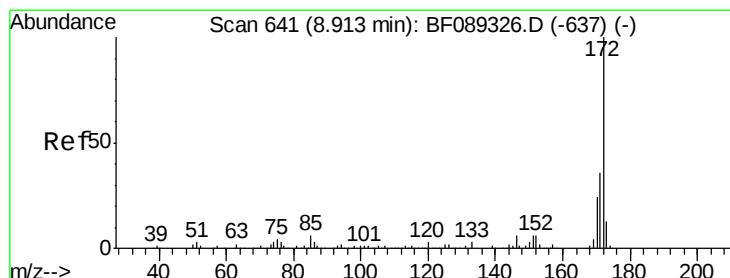
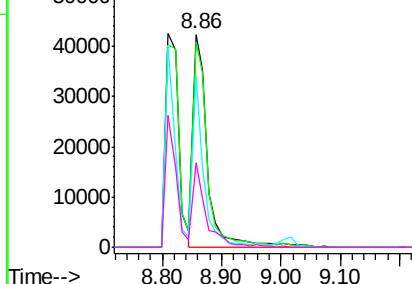
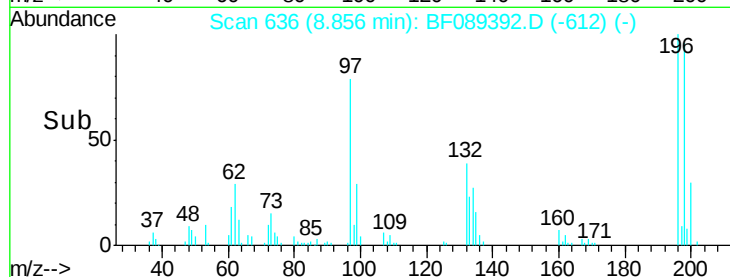
#43
 2,4,5-Trichlorophenol
 Concen: 43.16 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 73090
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.7 118.1
 97 80.4 39.7 59.5#
 132 39.9 22.8 34.2#

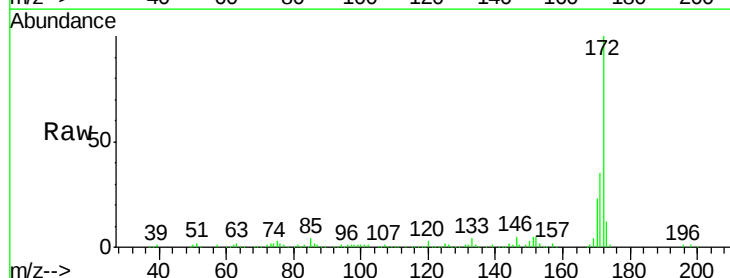


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

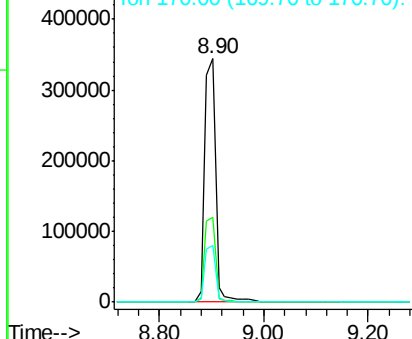
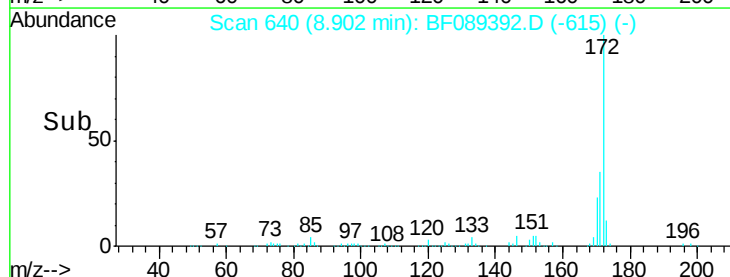


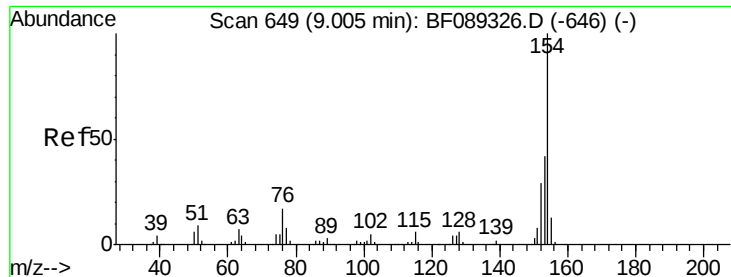
#44
 2-Fluorobiphenyl
 Concen: 92.40 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:172 Resp: 505940
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.2 43.8
 170 23.3 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

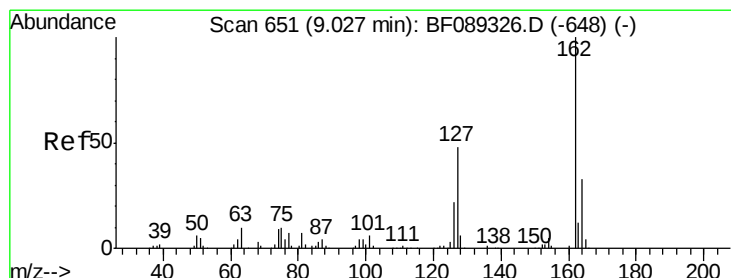
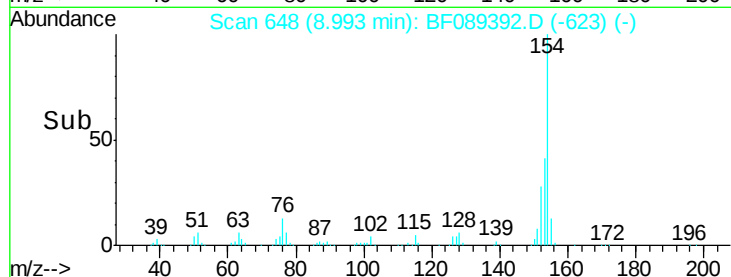
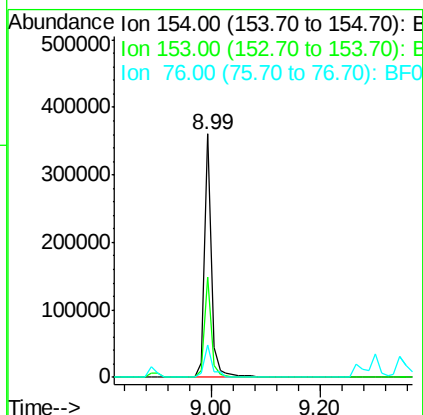
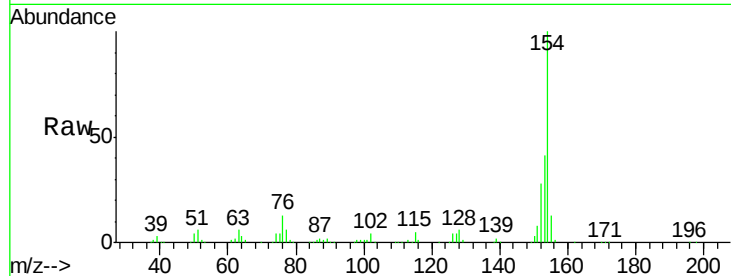




#45
 1,1'-Biphenyl
 Concen: 46.30 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

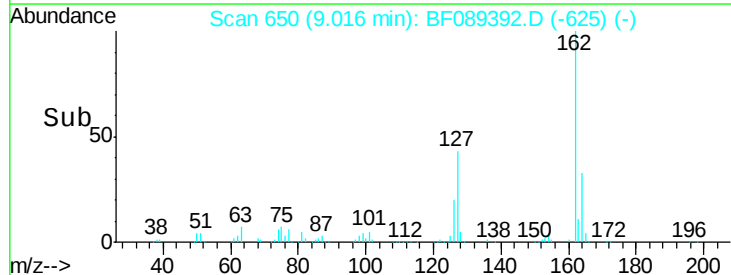
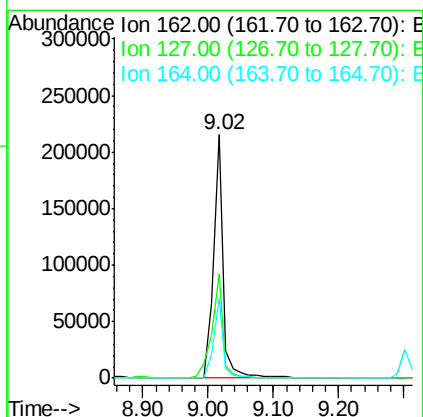
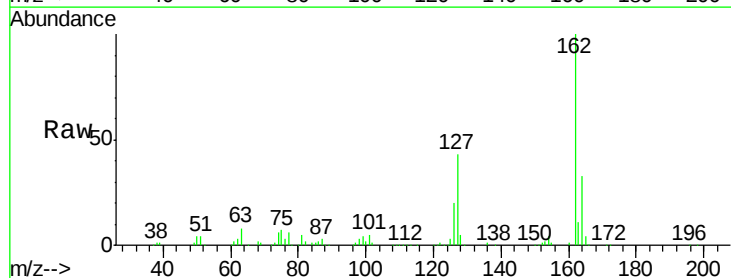
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

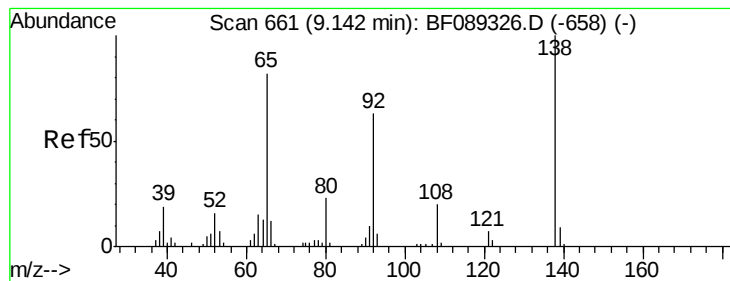
Tgt Ion:154 Resp: 316806
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.0 61.0
 76 13.3 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 44.43 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:162 Resp: 228299
 Ion Ratio Lower Upper
 162 100
 127 42.9 37.8 56.8
 164 32.9 25.8 38.8





#47

2-Nitroaniline

Concen: 44.97 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

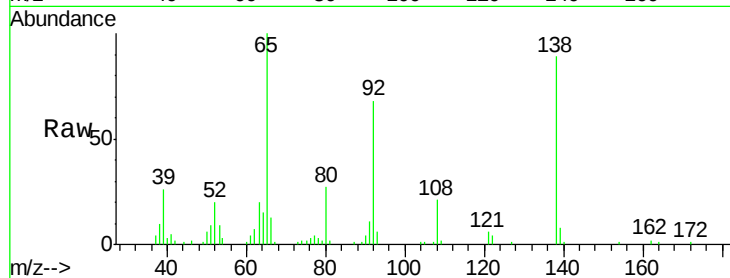
Tgt Ion: 65 Resp: 68428

Ion Ratio Lower Upper

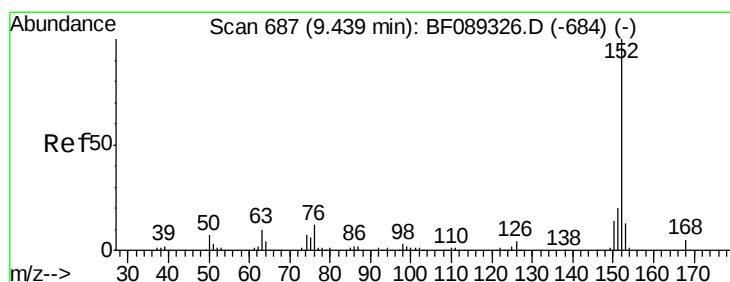
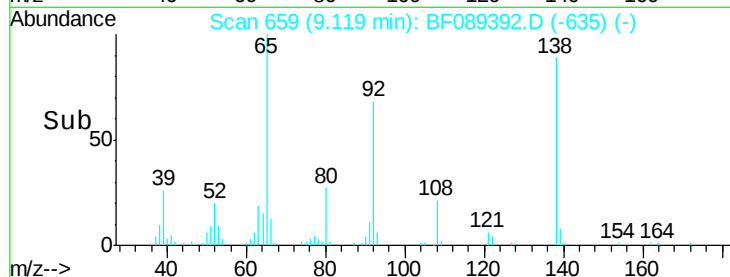
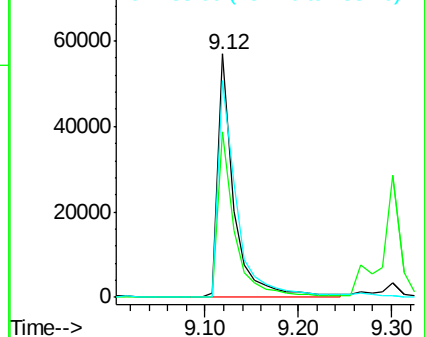
65 100

92 67.9 61.0 91.4

138 88.8 99.1 148.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.25 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

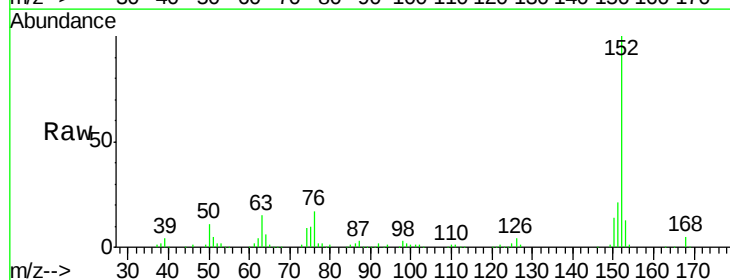
Tgt Ion: 152 Resp: 325721

Ion Ratio Lower Upper

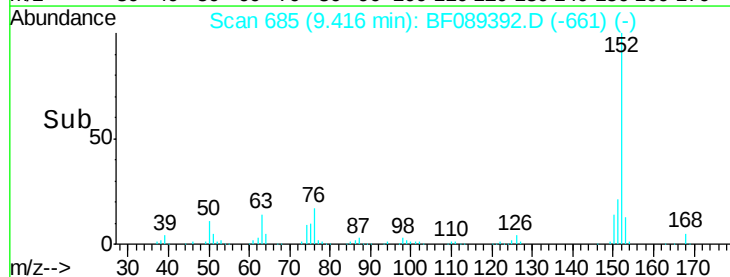
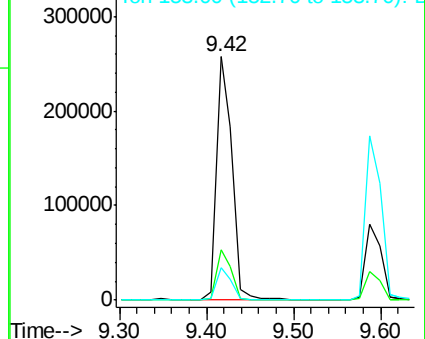
152 100

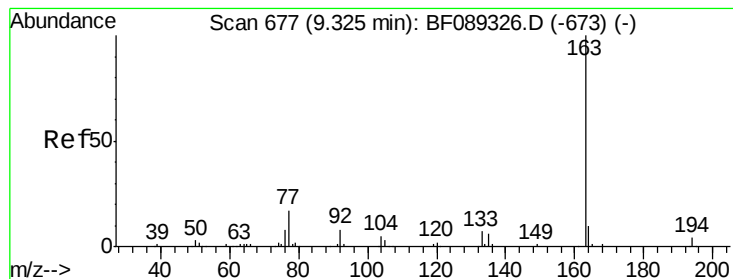
151 20.6 16.2 24.2

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.88 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

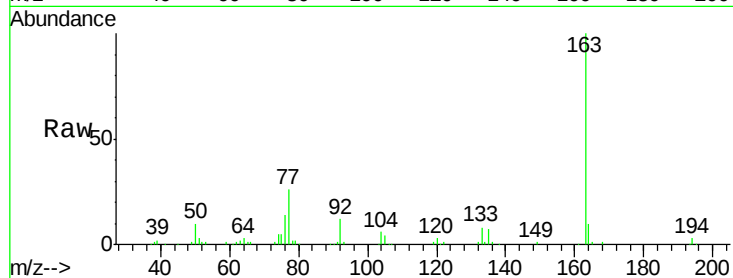
Tgt Ion:163 Resp: 256144

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

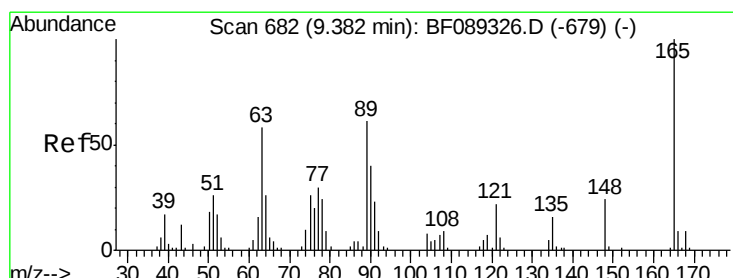
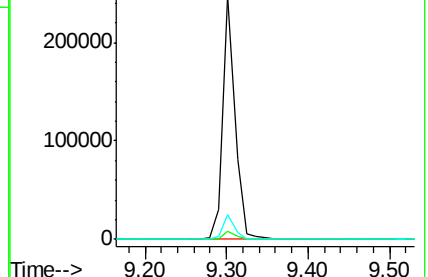
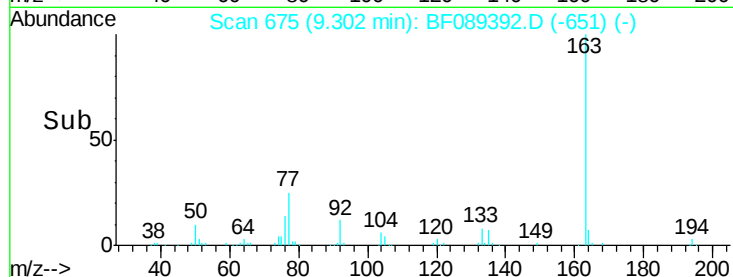
164 10.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.93 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

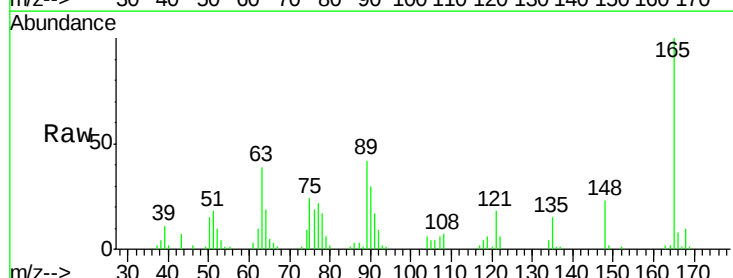
Tgt Ion:165 Resp: 50174

Ion Ratio Lower Upper

165 100

63 38.6 43.5 65.3#

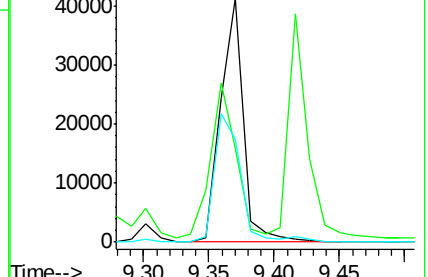
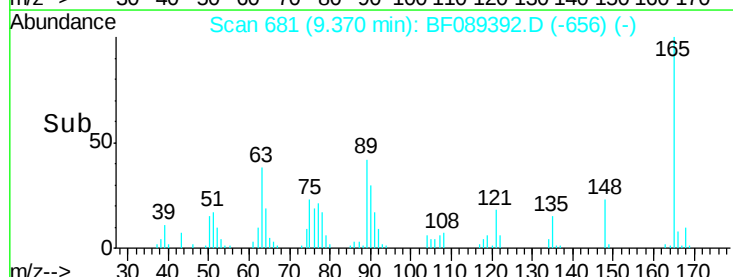
89 42.3 45.0 67.4#

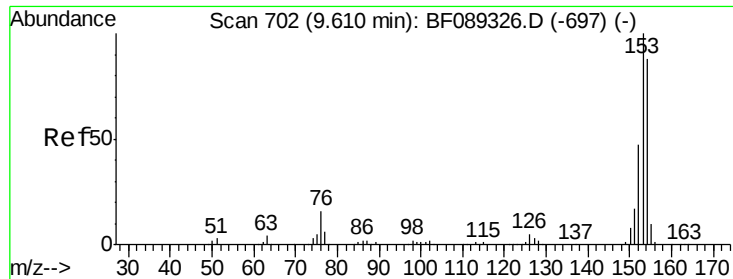


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.74 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

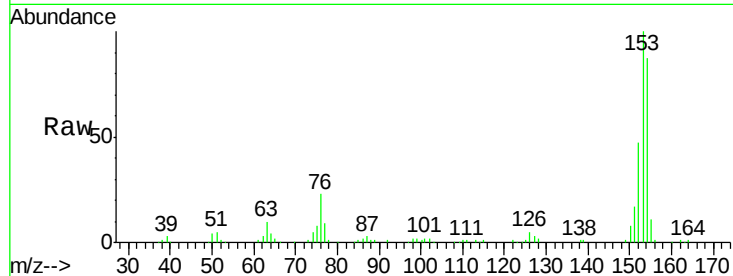
Tgt Ion:154 Resp: 187826

Ion Ratio Lower Upper

154 100

153 115.1 91.4 137.2

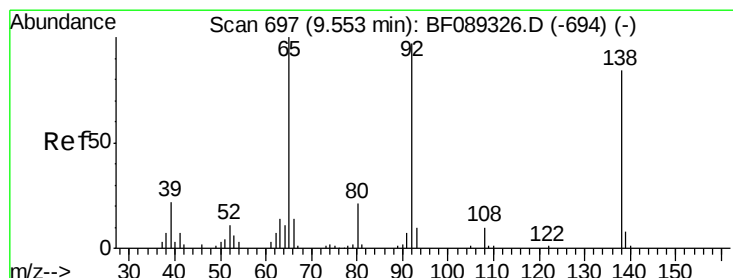
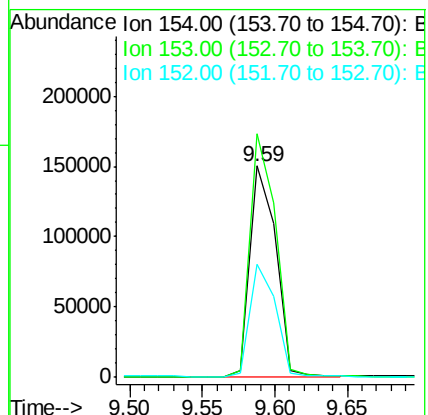
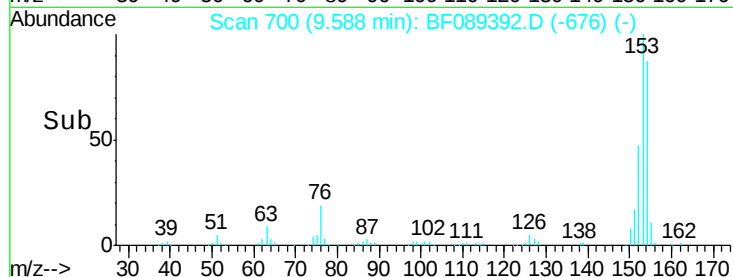
152 53.7 43.8 65.6



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: 44.40 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

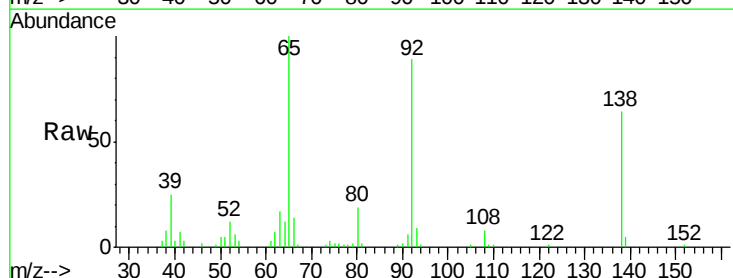
Tgt Ion:138 Resp: 58873

Ion Ratio Lower Upper

138 100

108 12.3 8.6 13.0

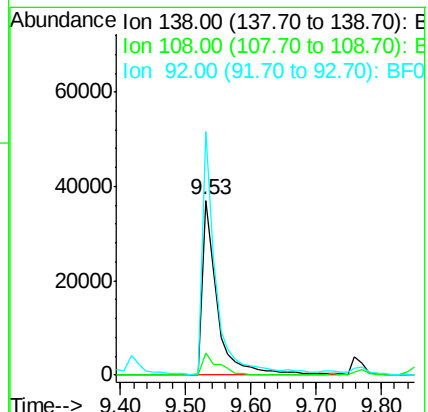
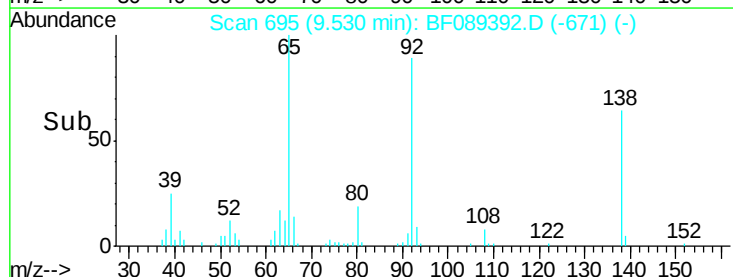
92 139.2 90.0 135.0#

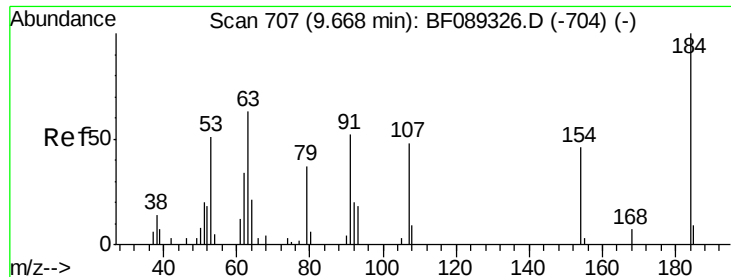


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

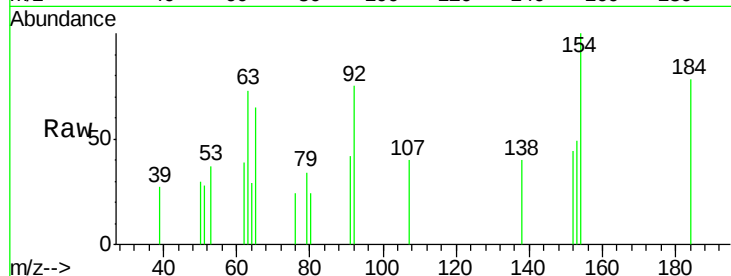




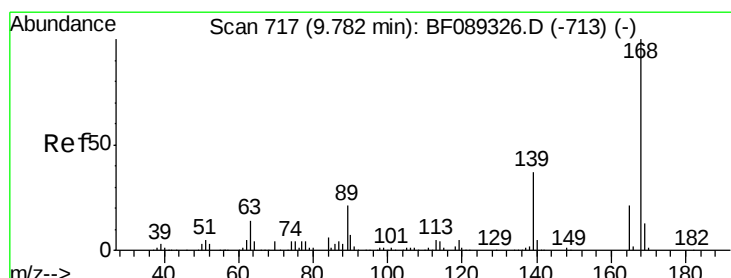
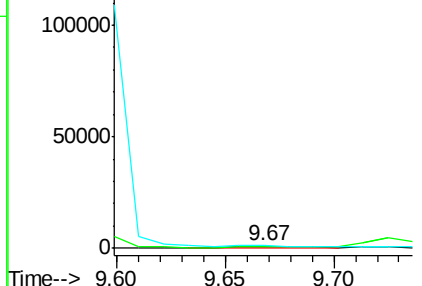
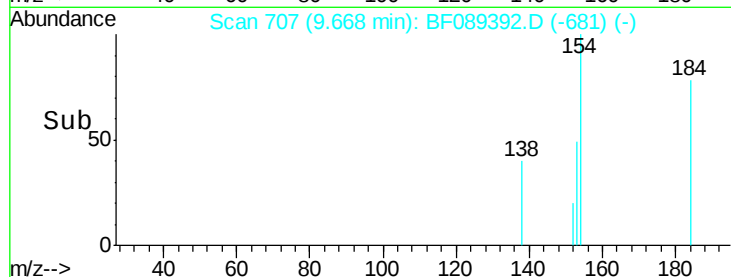
#53
 2,4-Dinitrophenol
 Concen: 11.73 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 2468
 Ion Ratio Lower Upper
 184 100
 63 92.6 60.6 90.8#
 154 127.6 69.8 104.8#

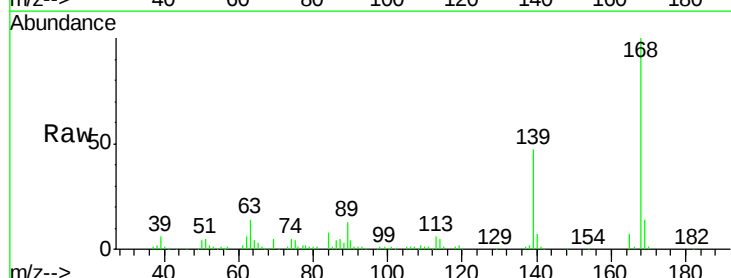


Abundance Ion 184.00 (183.70 to 184.70): E
 150000 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

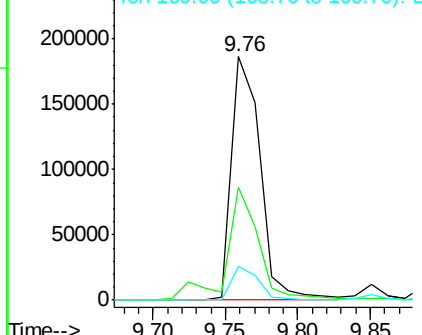
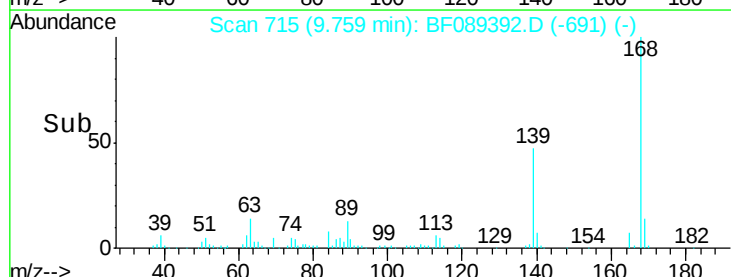


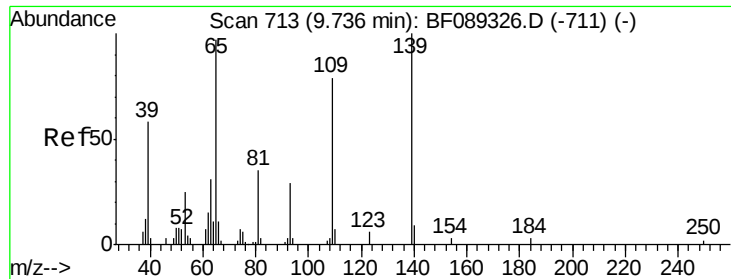
#54
 Dibenzofuran
 Concen: 39.74 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:168 Resp: 255962
 Ion Ratio Lower Upper
 168 100
 139 46.6 33.7 50.5
 169 13.7 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 250000 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 36.58 ng m

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

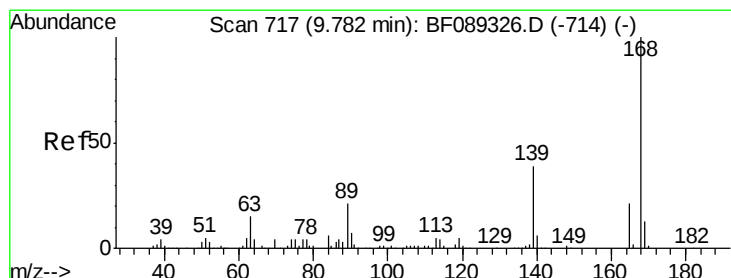
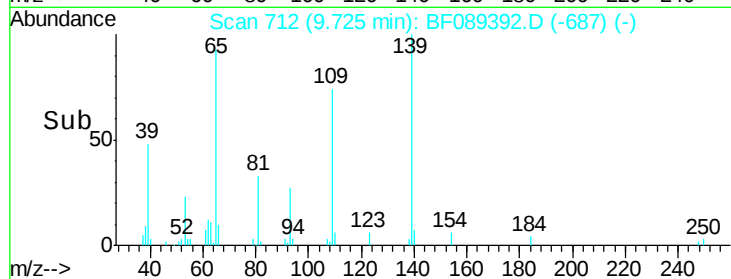
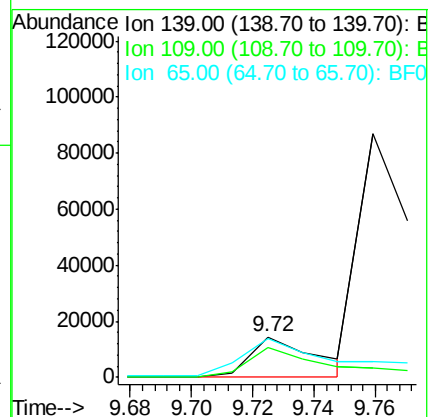
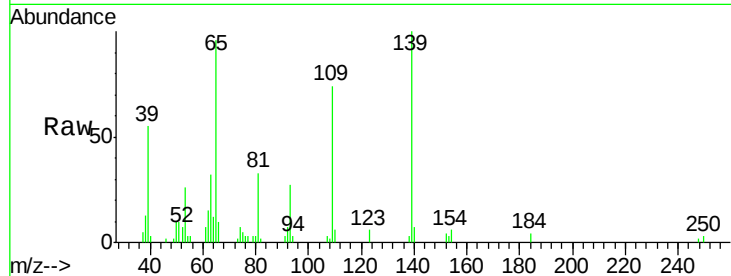
Tgt Ion:139 Resp: 21274

Ion Ratio Lower Upper

139 100

109 73.7 57.8 97.8

65 95.7 81.7 121.7



#56

2,4-Dinitrotoluene

Concen: 39.51 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Tgt Ion:165 Resp: 65354

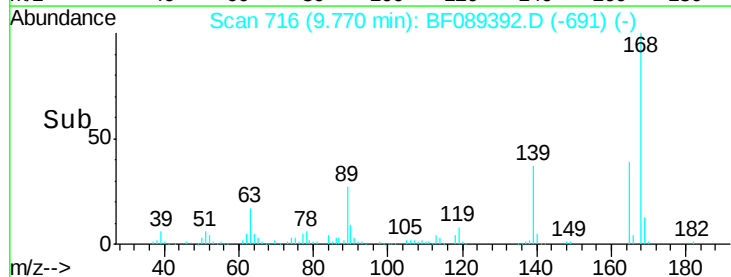
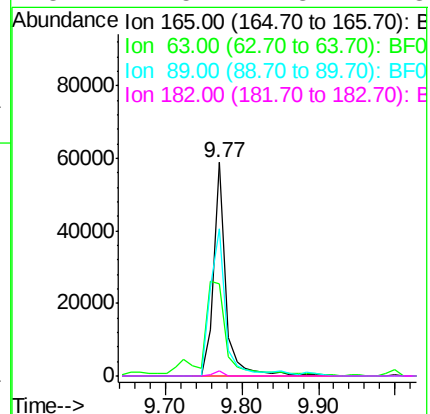
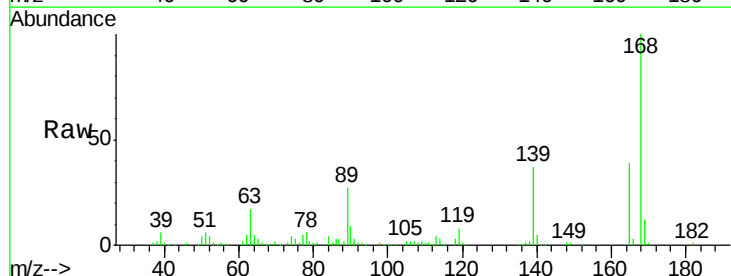
Ion Ratio Lower Upper

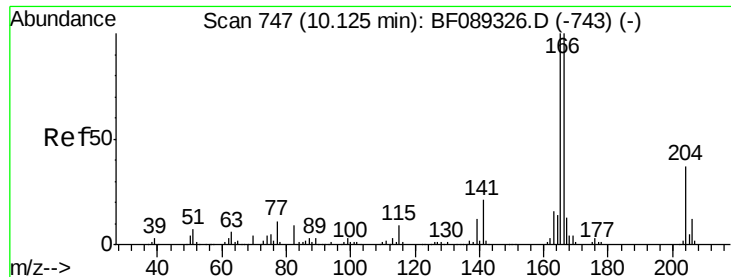
165 100

63 43.4 58.2 87.2#

89 68.8 79.1 118.7#

182 2.5 1.8 2.8





#57

Fluorene

Concen: 37.78 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

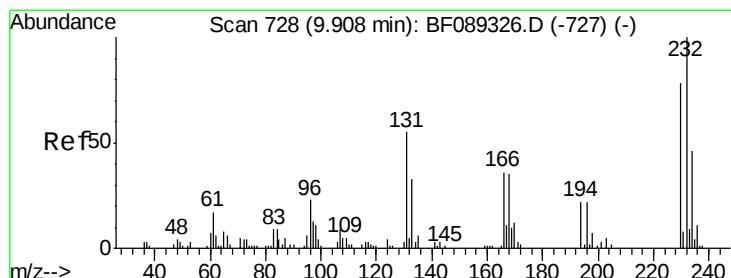
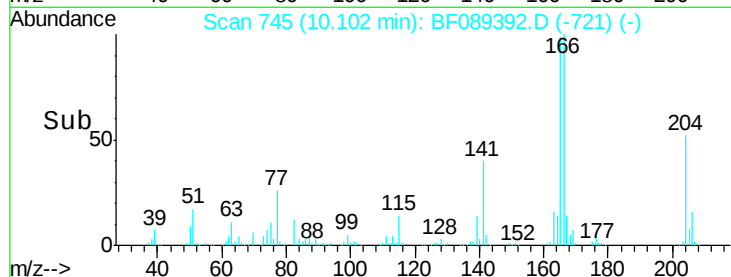
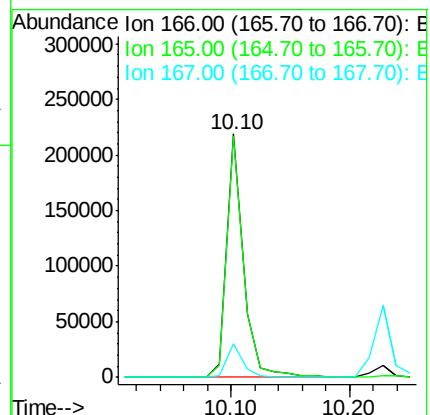
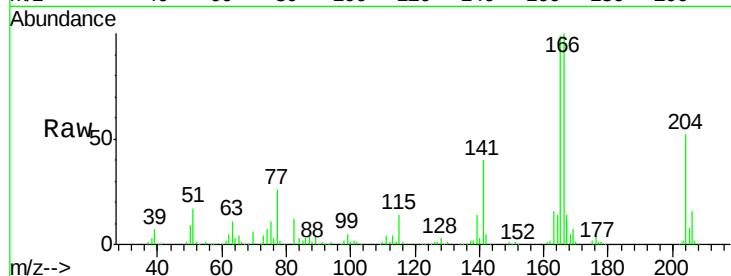
Tgt Ion:166 Resp: 212425

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

167 13.6 10.2 15.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.29 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Tgt Ion:232 Resp: 42166

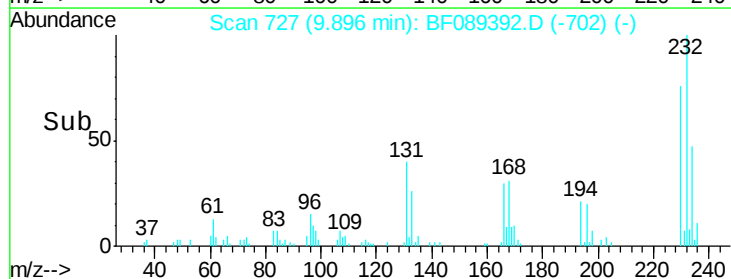
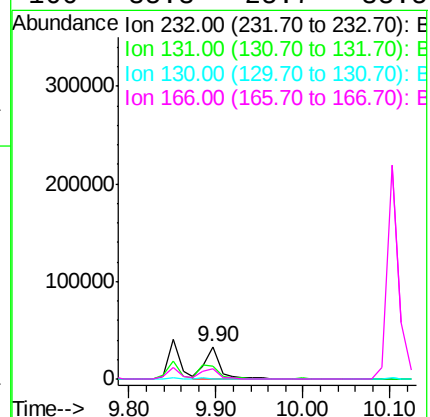
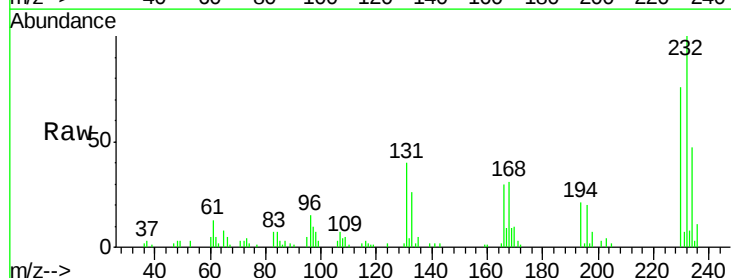
Ion Ratio Lower Upper

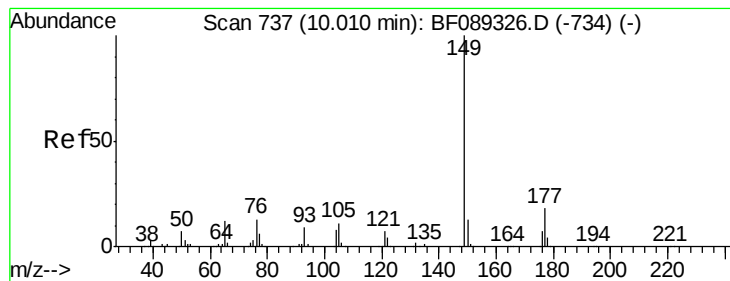
232 100

131 55.8 42.7 64.1

130 2.2 1.7 2.5

166 35.3 25.7 38.5





#59

Diethylphthalate

Concen: 45.81 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

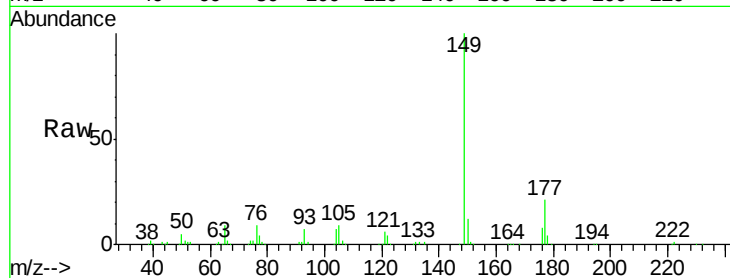
Tgt Ion:149 Resp: 283997

Ion Ratio Lower Upper

149 100

177 20.9 15.1 22.7

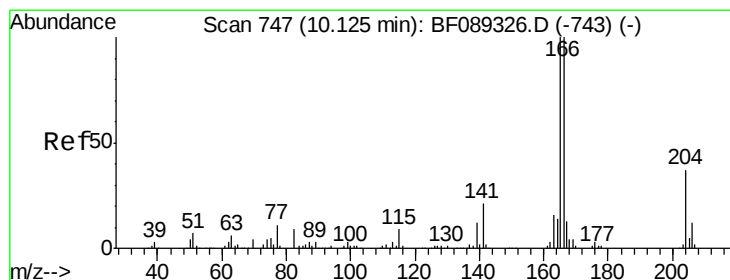
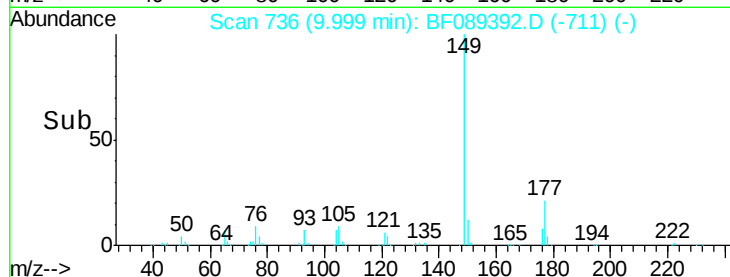
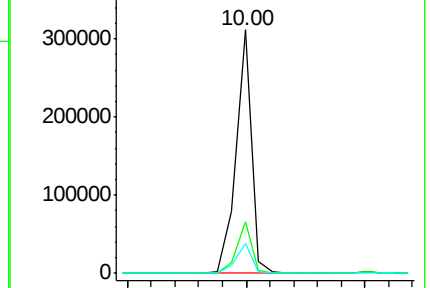
150 12.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.89 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

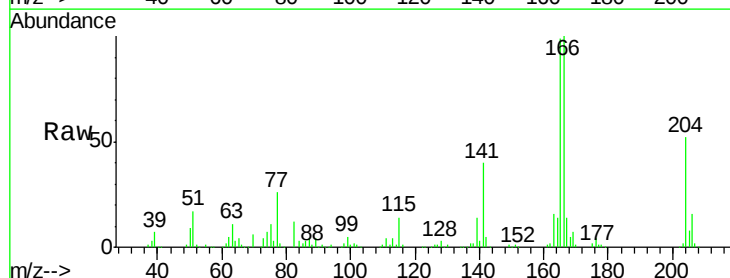
Tgt Ion:204 Resp: 105438

Ion Ratio Lower Upper

204 100

206 31.4 26.6 39.8

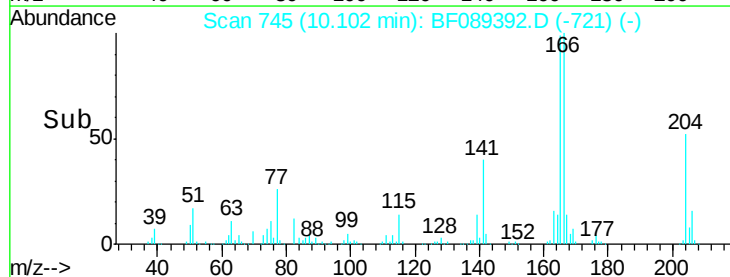
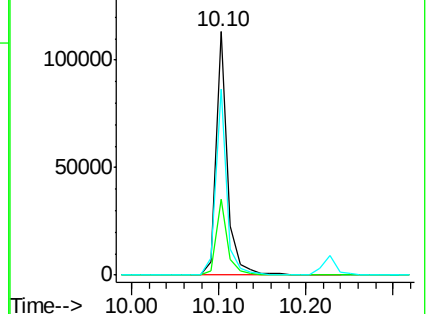
141 76.5 46.6 70.0#

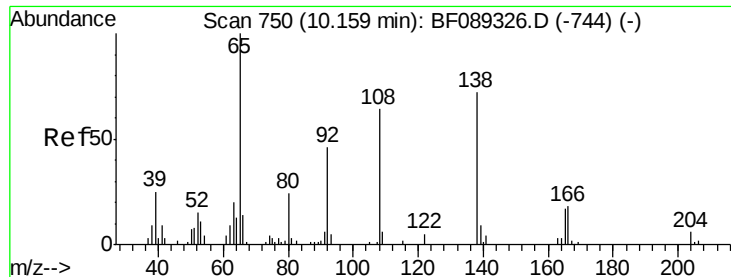


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

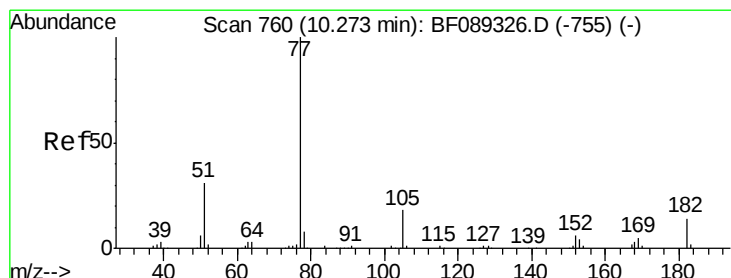
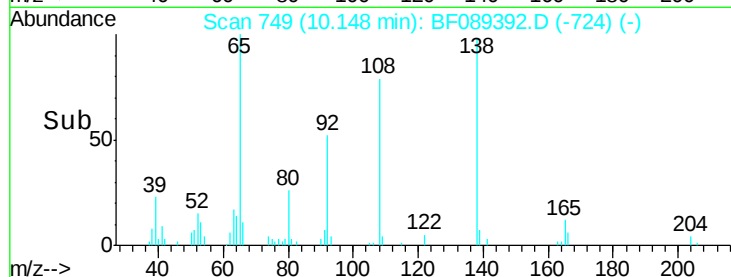
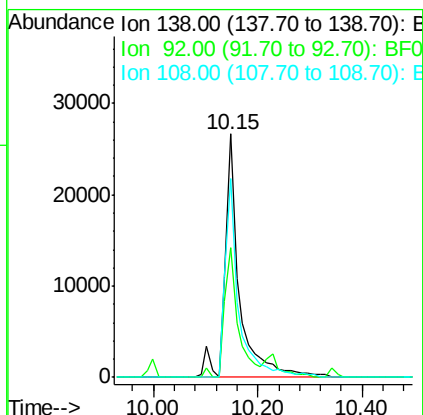
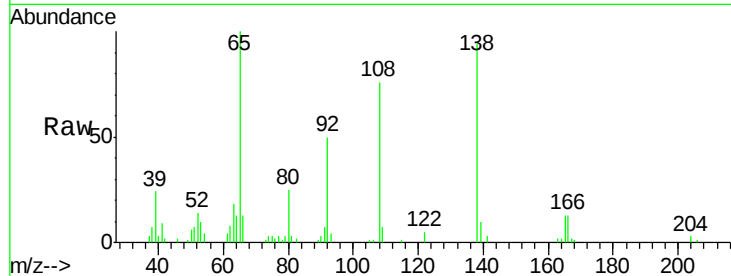




#61
4-Nitroaniline
Concen: 37.72 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

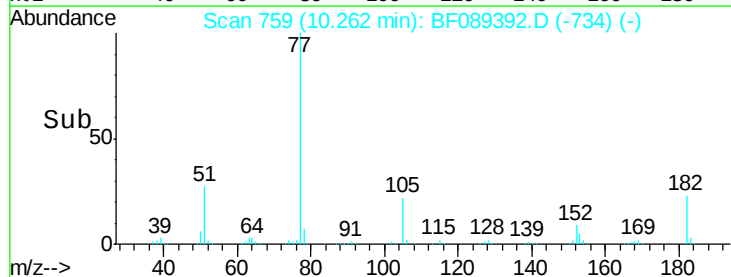
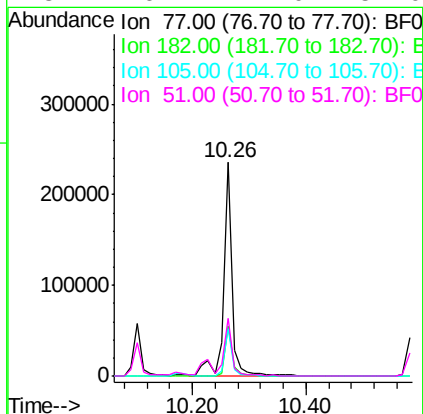
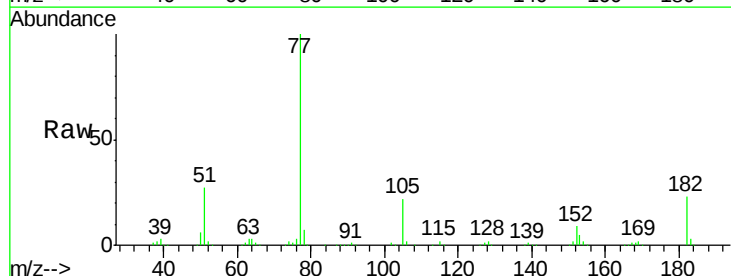
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

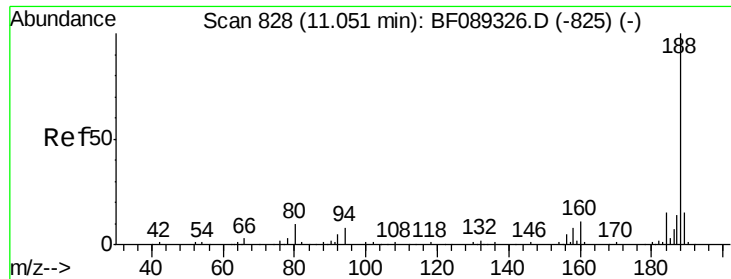
Tgt Ion:138 Resp: 51561
Ion Ratio Lower Upper
138 100
92 53.5 41.2 81.2
108 81.6 69.6 109.6



#62
Azobenzene
Concen: 38.13 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion: 77 Resp: 243462
Ion Ratio Lower Upper
77 100
182 23.4 0.0 33.8
105 22.5 0.0 39.8
51 26.7 11.0 51.0

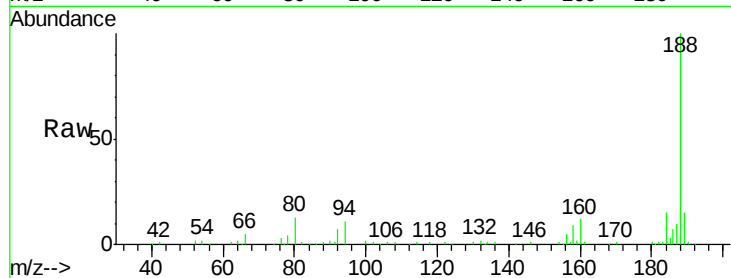




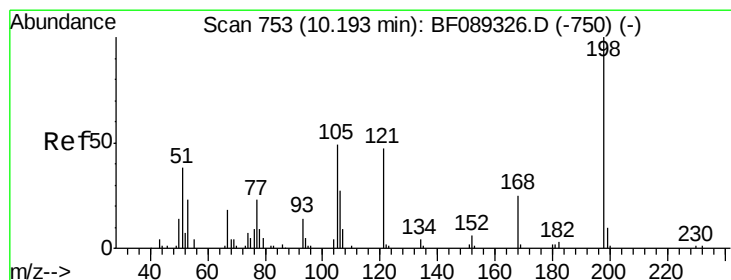
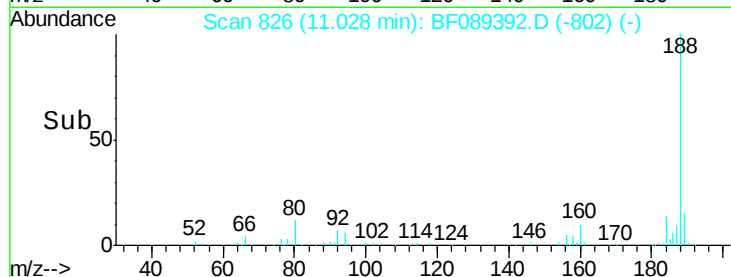
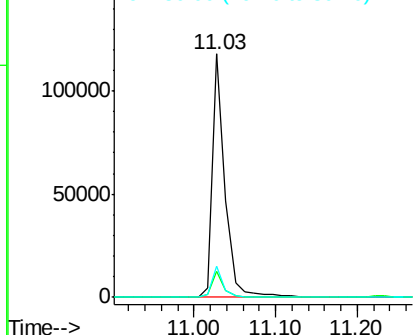
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 127720
Ion Ratio Lower Upper
188 100
94 10.7 6.5 9.7#
80 12.6 7.2 10.8#

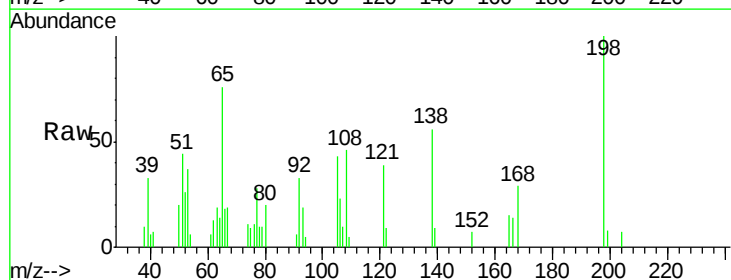


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

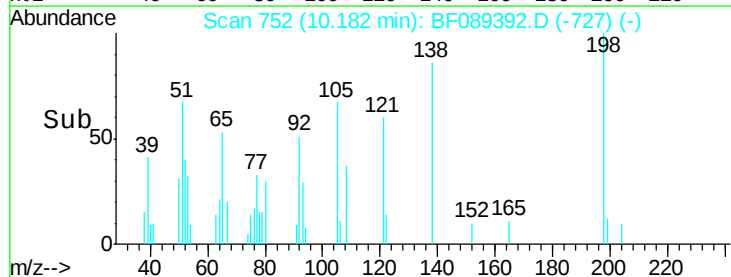
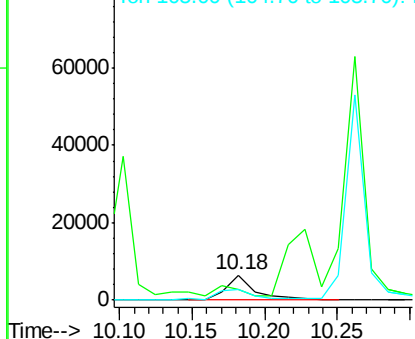


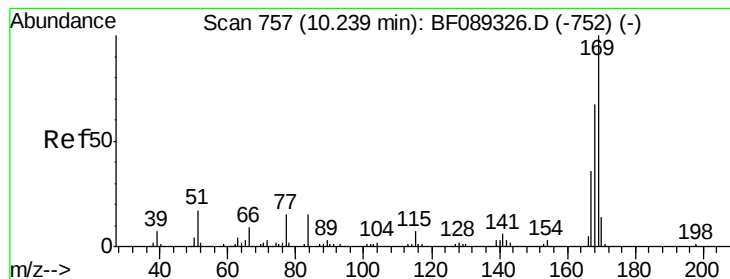
#64
4,6-Dinitro-2-methylphenol
Concen: 14.47 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:198 Resp: 8589
Ion Ratio Lower Upper
198 100
51 43.8 23.0 63.0
105 43.4 28.3 68.3



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: 46.60 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

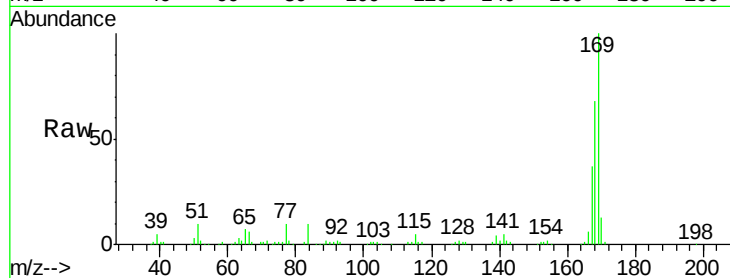
Tgt Ion:169 Resp: 185719

Ion Ratio Lower Upper

169 100

168 68.2 55.4 83.0

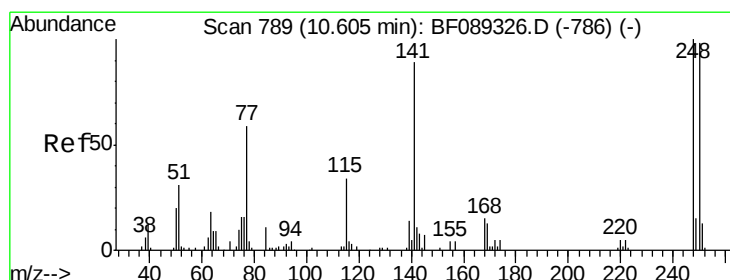
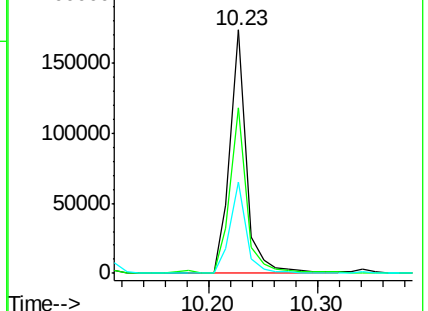
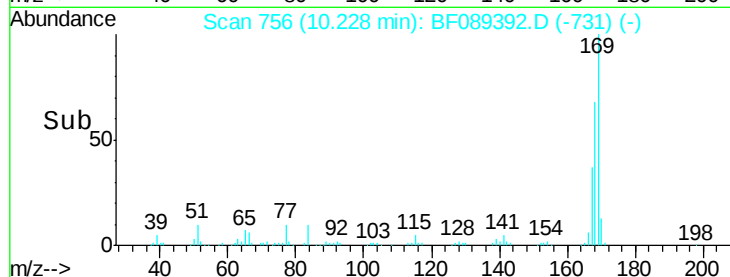
167 37.4 29.7 44.5



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: 43.57 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

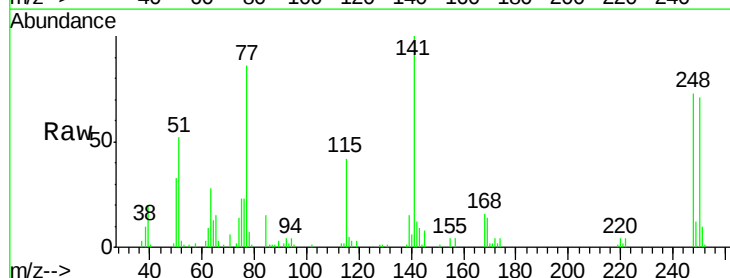
Tgt Ion:248 Resp: 53130

Ion Ratio Lower Upper

248 100

250 98.5 78.2 117.2

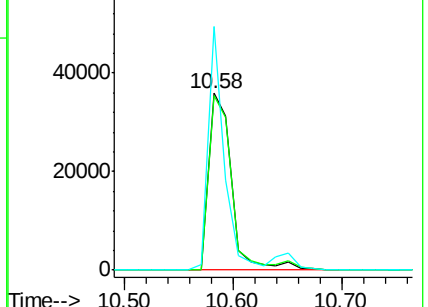
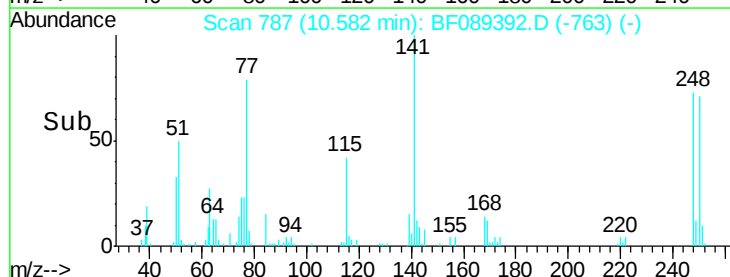
141 137.8 62.0 93.0#

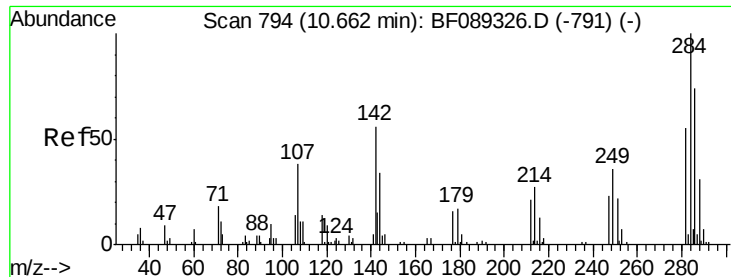


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

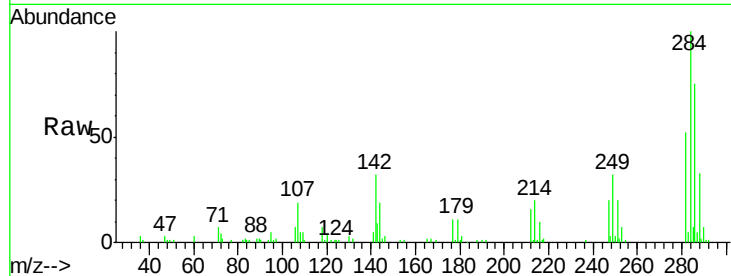




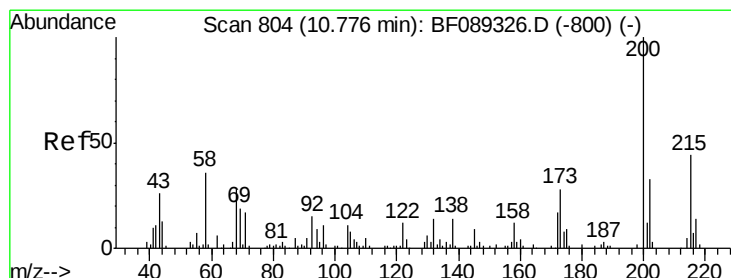
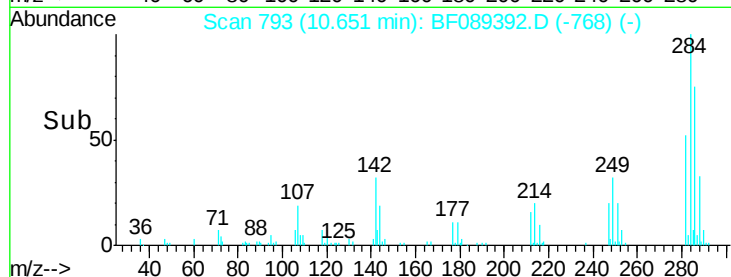
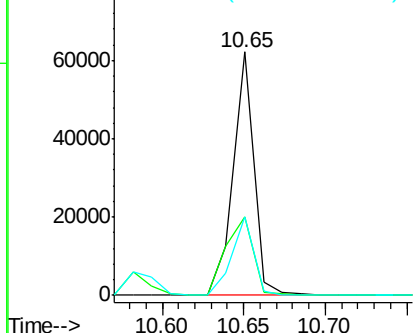
#67
Hexachlorobenzene
Concen: 43.47 ng
RT: 10.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 54320
Ion Ratio Lower Upper
284 100
142 32.4 42.2 63.4#
249 32.2 29.4 44.0

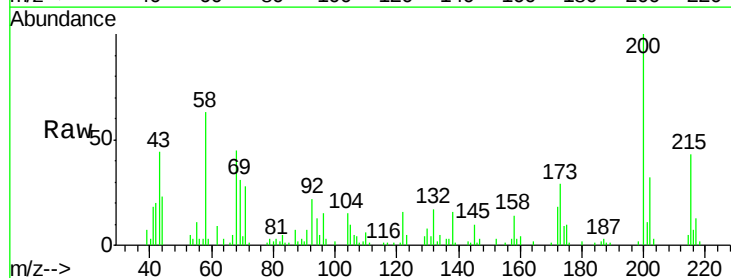


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

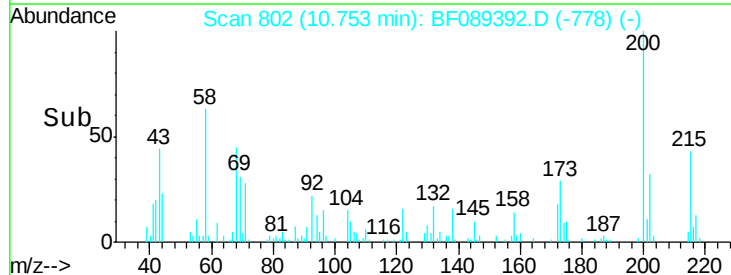
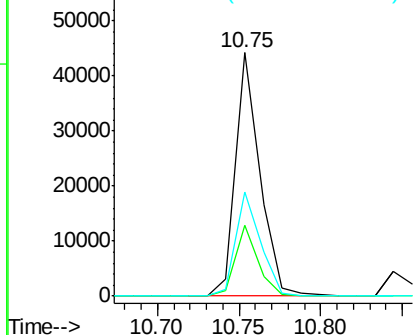


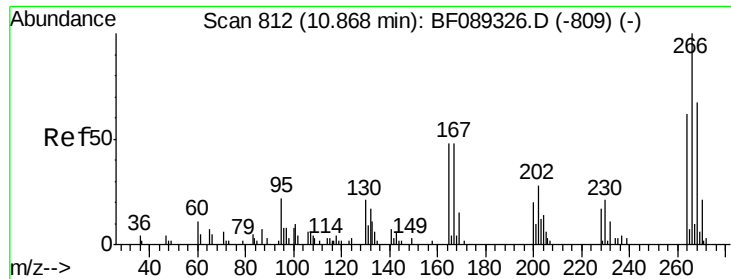
#68
Atrazine
Concen: 37.10 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion: 200 Resp: 45416
Ion Ratio Lower Upper
200 100
173 29.3 6.0 46.0
215 42.5 24.3 64.3



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

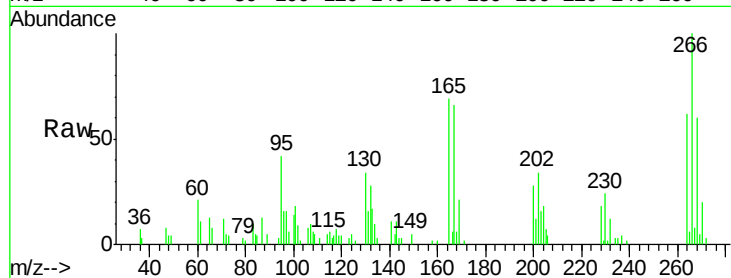




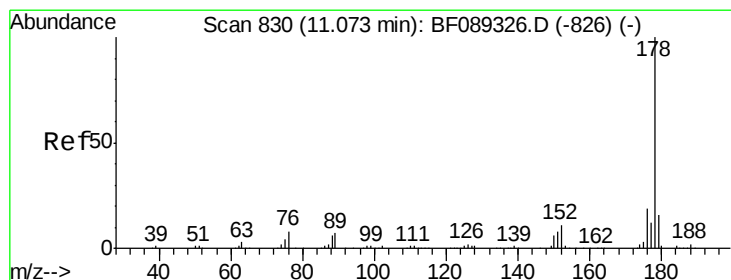
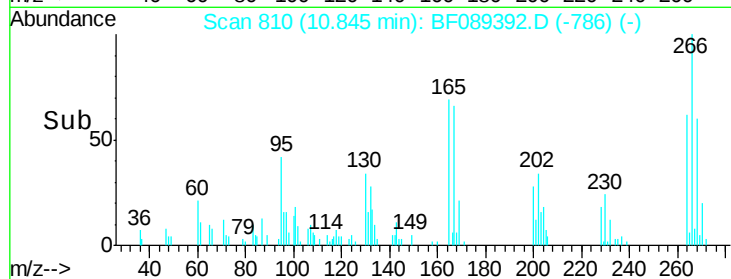
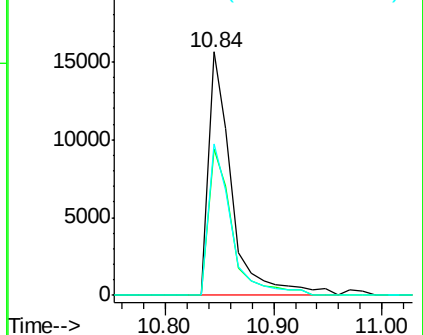
#69
 Pentachlorophenol
 Concen: 41.68 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 23336
 Ion Ratio Lower Upper
 266 100
 268 60.0 49.4 74.2
 264 62.1 50.2 75.2

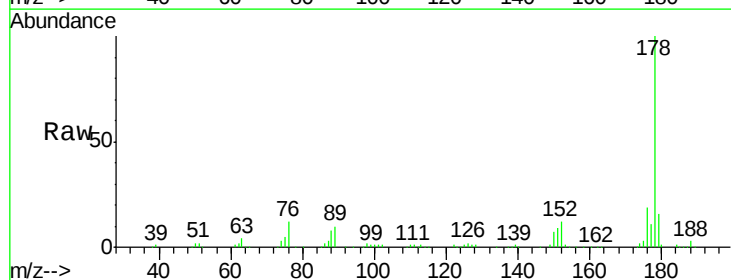


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

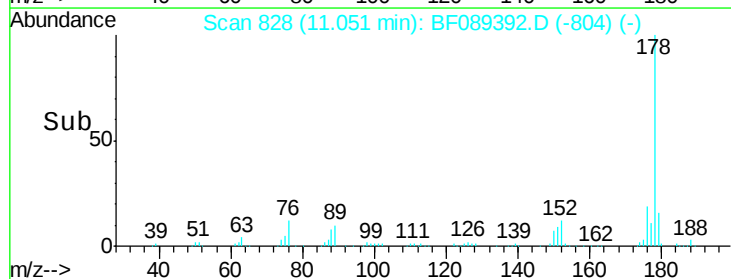
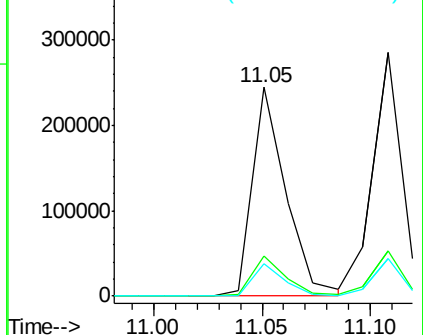


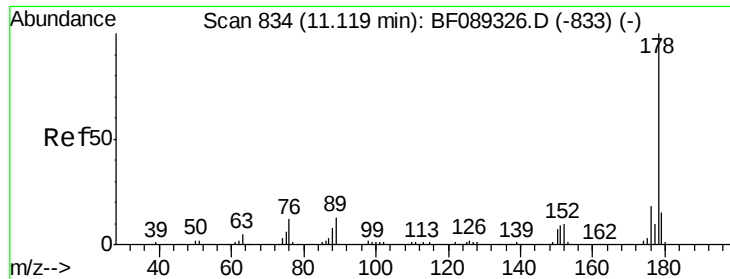
#70
 Phenanthrene
 Concen: 39.97 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:178 Resp: 263261
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.7 12.3 18.5



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

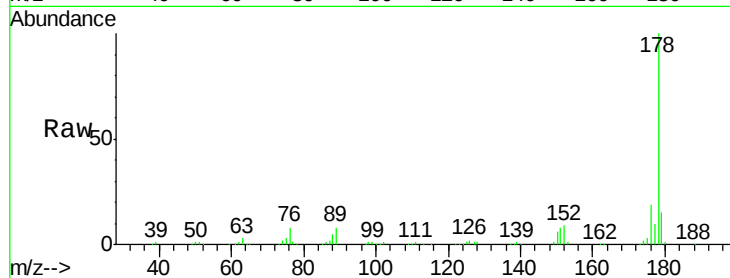




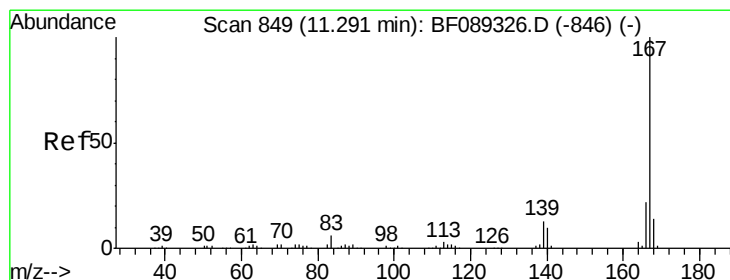
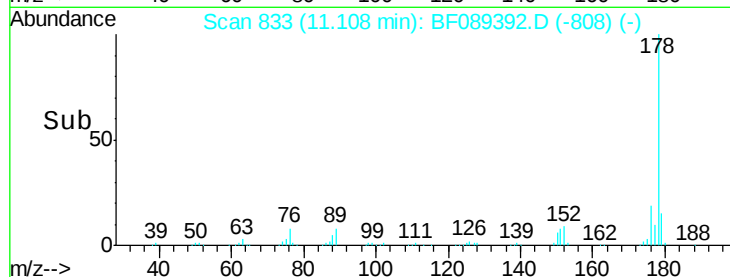
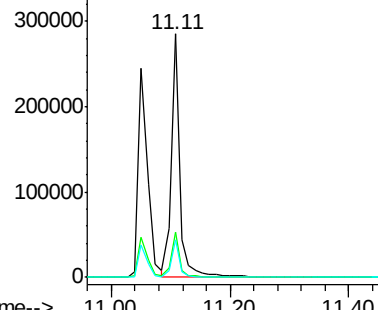
#71
 Anthracene
 Concen: 40.23 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 294620
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.3 12.6 18.8

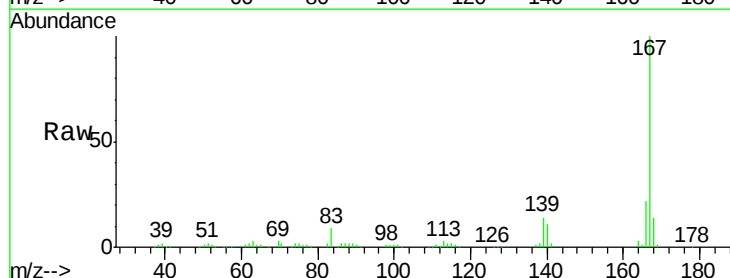


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

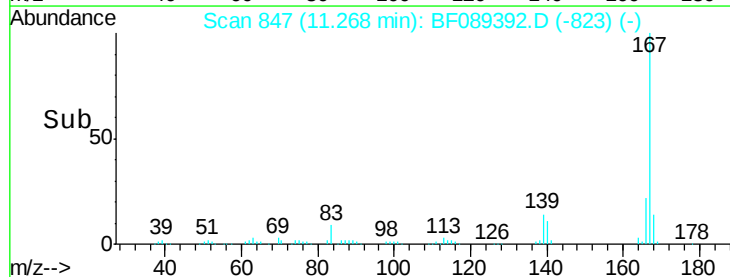
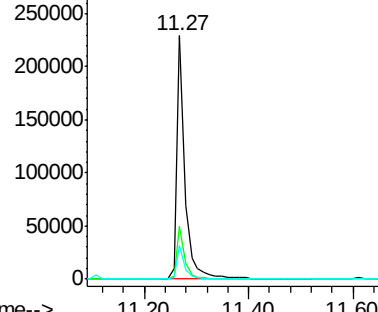


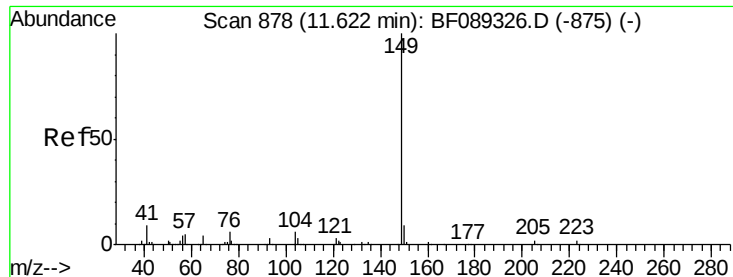
#72
 Carbazole
 Concen: 40.69 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:167 Resp: 250829
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.6 10.1 15.1



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

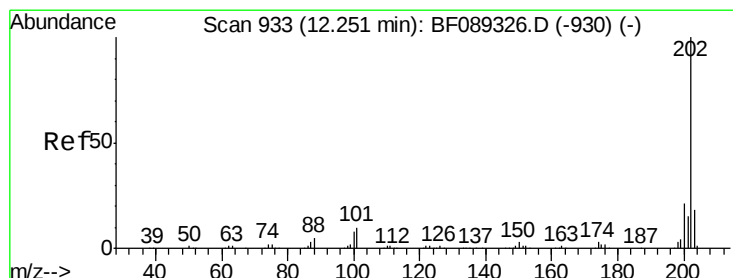
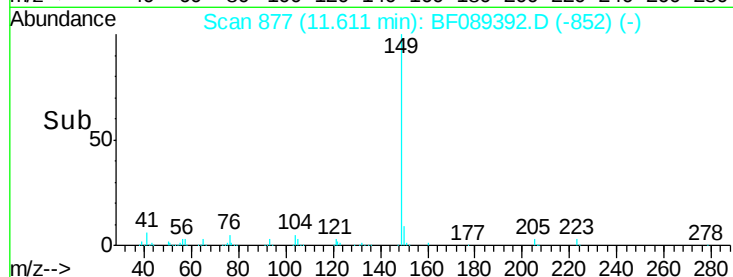
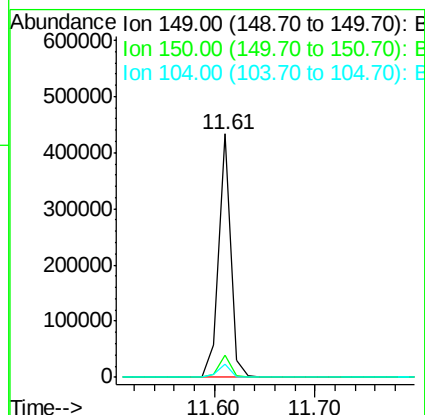
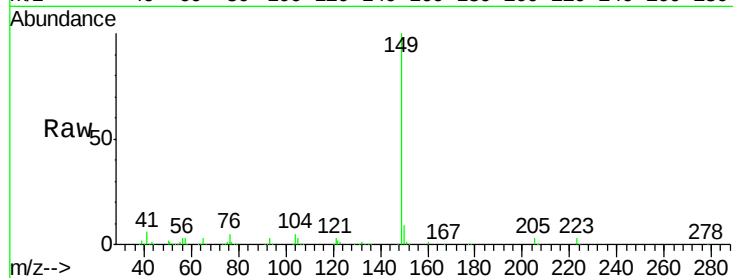




#73
Di-n-butylphthalate
Concen: 43.68 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

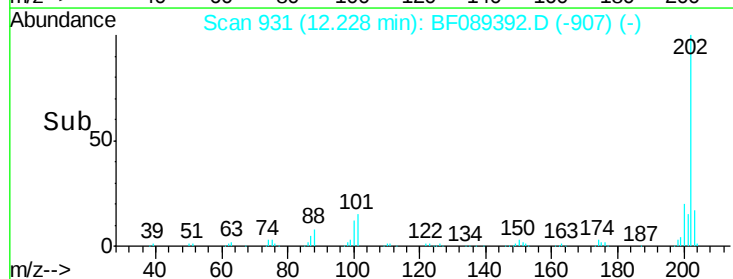
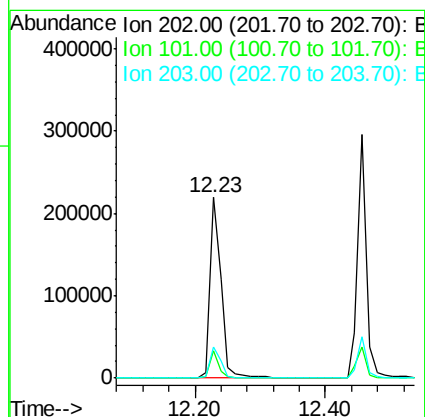
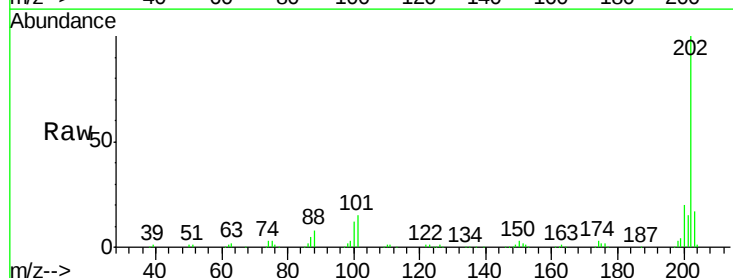
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 361284
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.7 7.1



#74
Fluoranthene
Concen: 37.41 ng
RT: 12.23 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:202 Resp: 259204
Ion Ratio Lower Upper
202 100
101 15.0 0.0 29.9
203 17.3 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

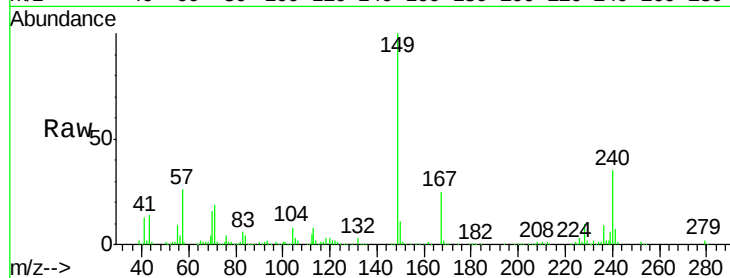
Tgt Ion:240 Resp: 101424

Ion Ratio Lower Upper

240 100

120 9.2 9.1 13.7

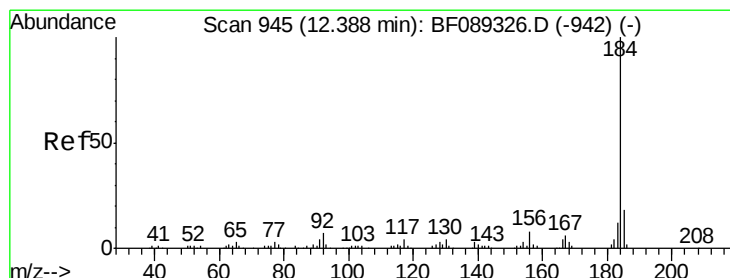
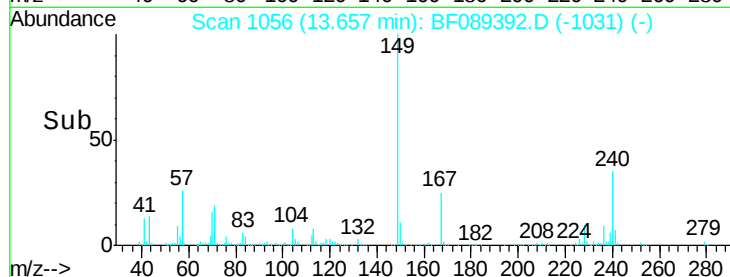
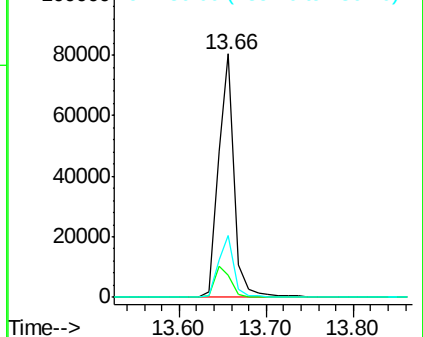
236 25.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.12 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

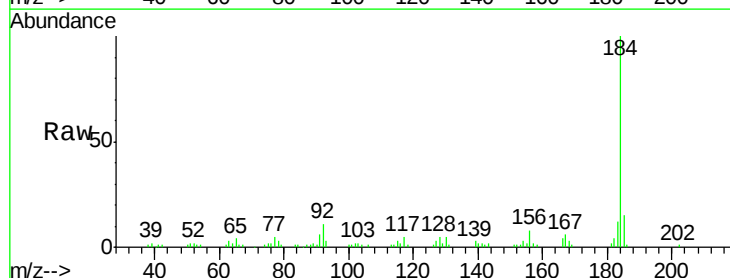
Tgt Ion:184 Resp: 142862

Ion Ratio Lower Upper

184 100

185 15.0 13.5 20.3

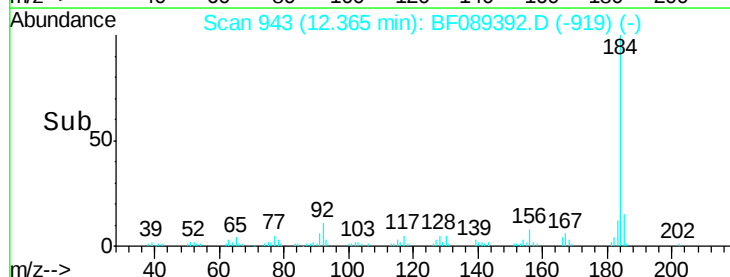
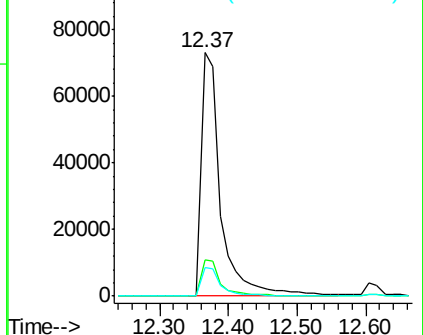
183 11.8 9.8 14.6

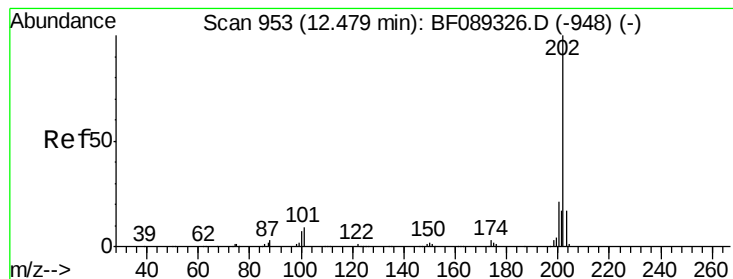


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.67 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

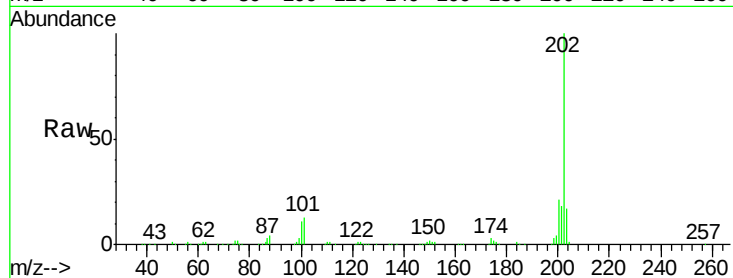
Tgt Ion:202 Resp: 281861

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

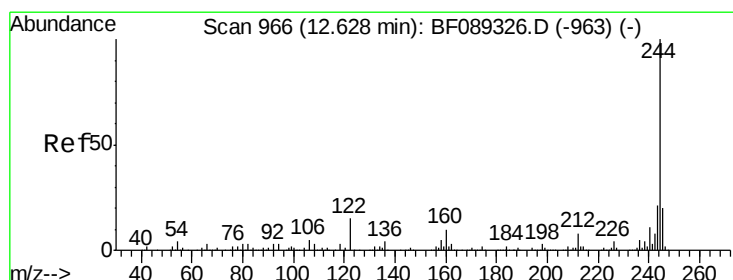
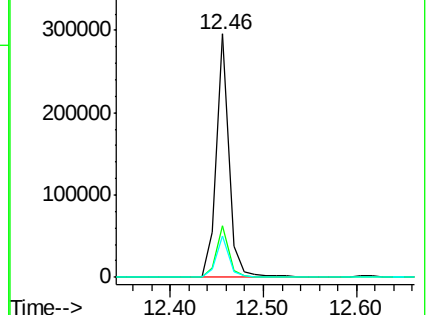
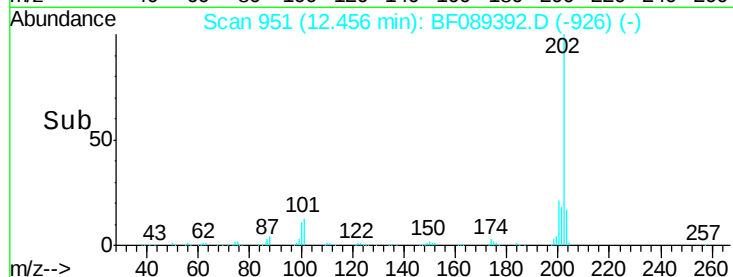
203 17.3 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.73 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

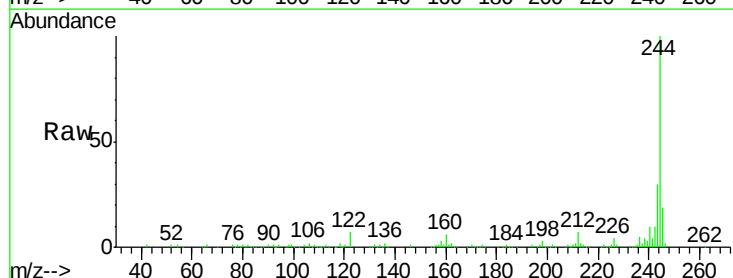
Tgt Ion:244 Resp: 302157

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

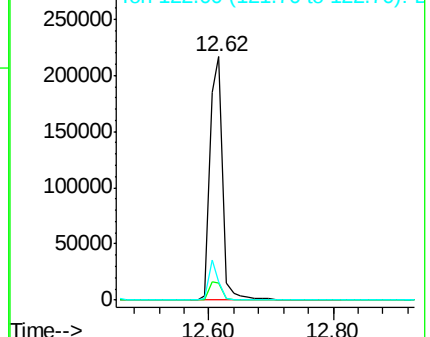
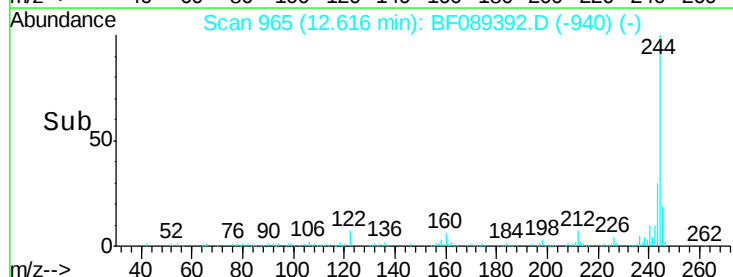
122 7.4 11.4 17.0#

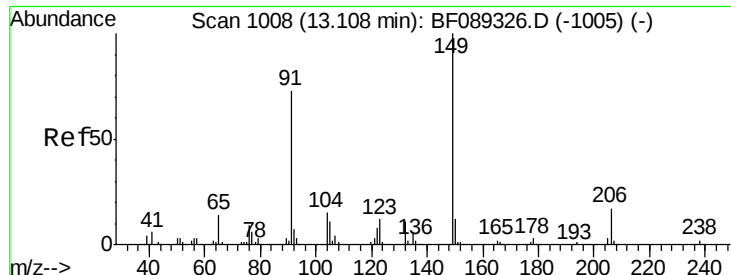


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

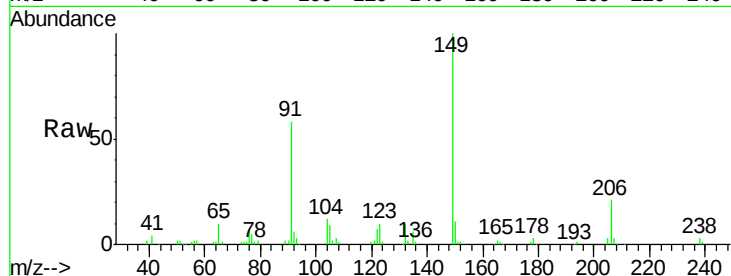




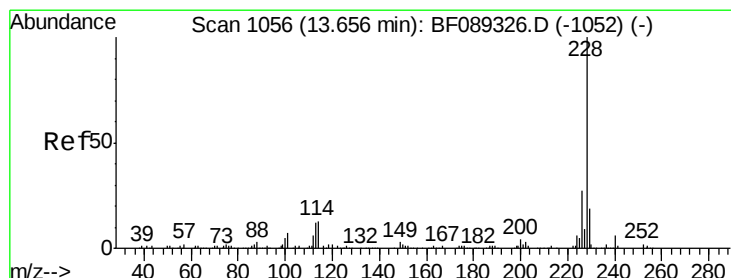
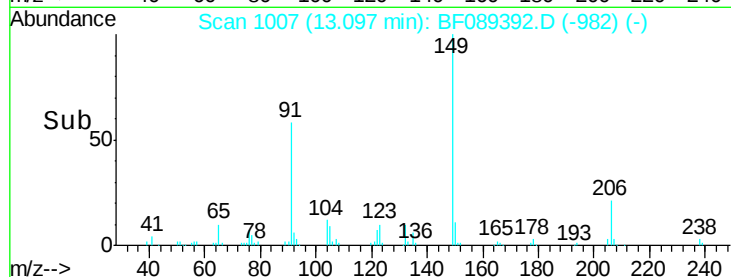
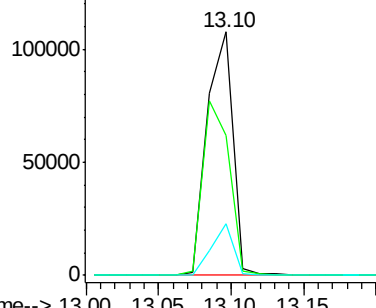
#79
Butylbenzylphthalate
Concen: 38.30 ng
RT: 13.10 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 133840
Ion Ratio Lower Upper
149 100
91 57.6 58.5 87.7#
206 21.1 13.8 20.8#

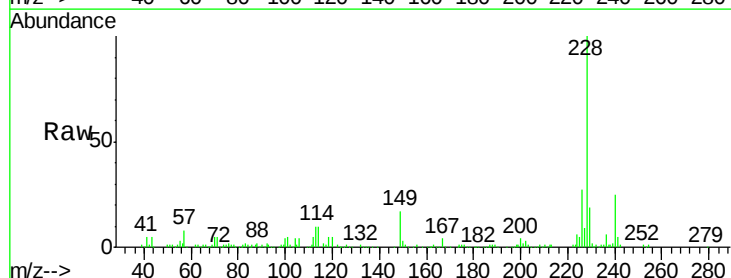


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

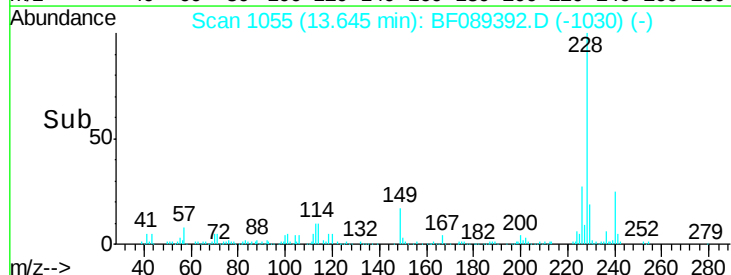
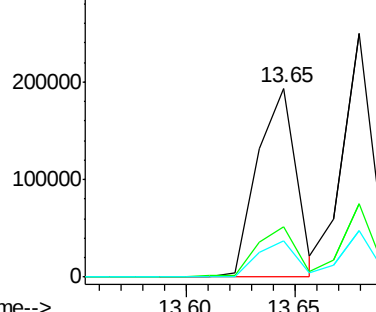


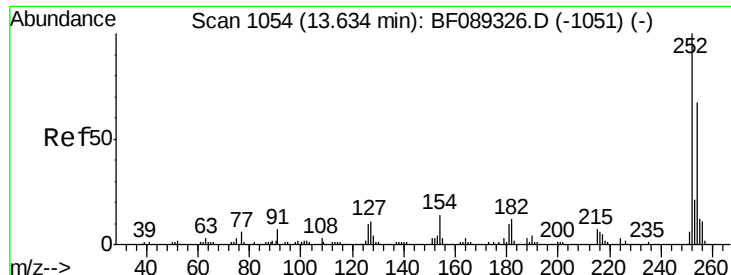
#80
Benzo(a)anthracene
Concen: 42.01 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:228 Resp: 240463
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.1 15.9 23.9



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

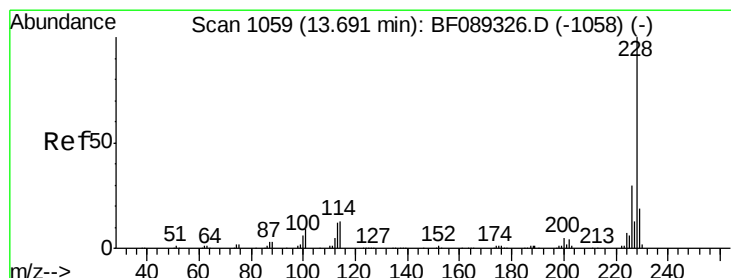
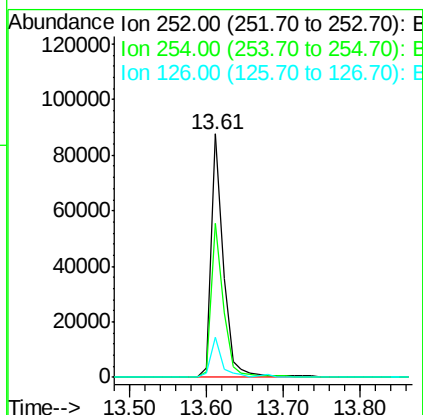
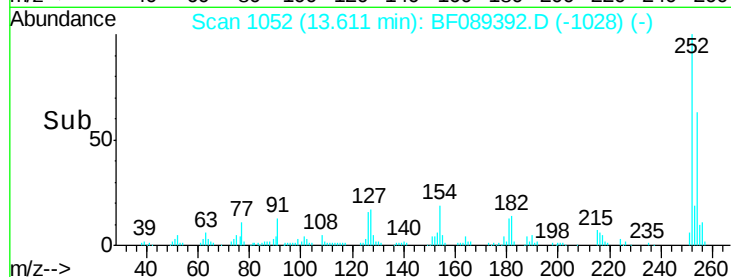
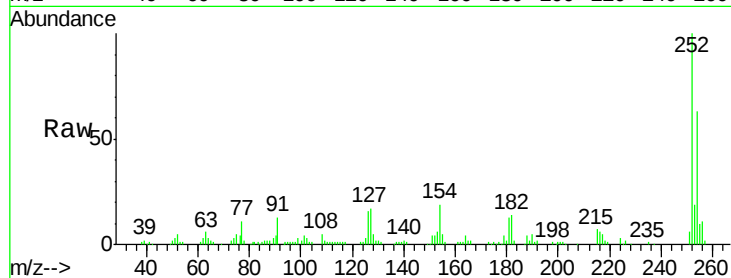




#81
 3,3'-Dichlorobenzidine
 Concen: 47.01 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

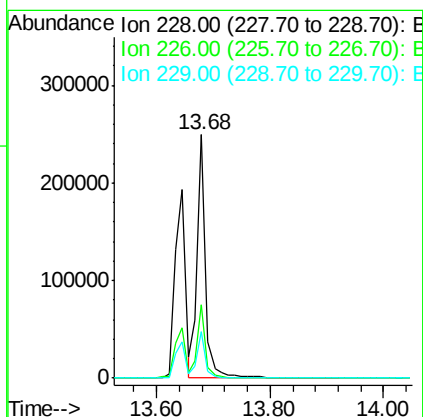
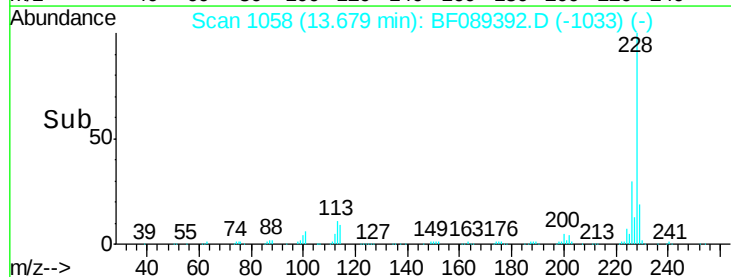
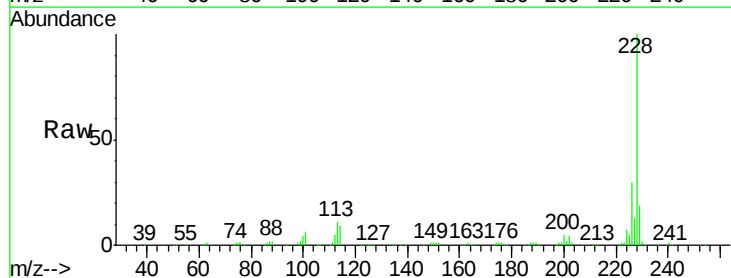
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

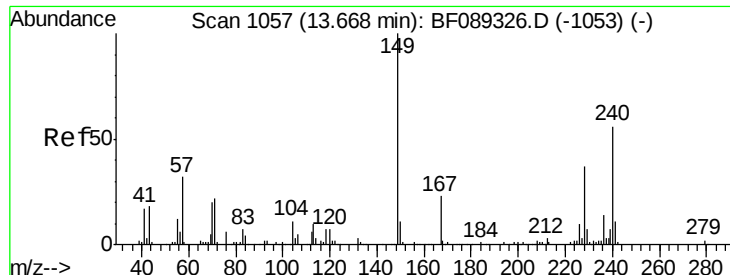
Tgt Ion:252 Resp: 96833
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.5 78.7
 126 16.4 7.4 11.2#



#82
 Chrysene
 Concen: 42.32 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:228 Resp: 257842
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.2 15.9 23.9

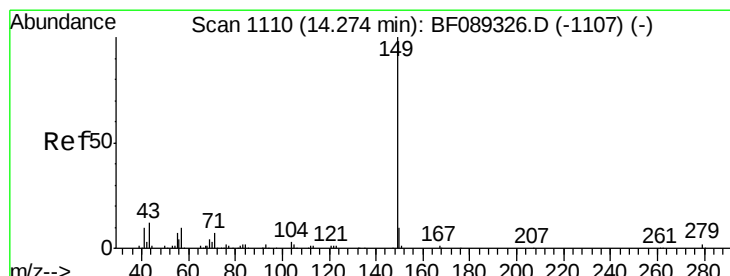
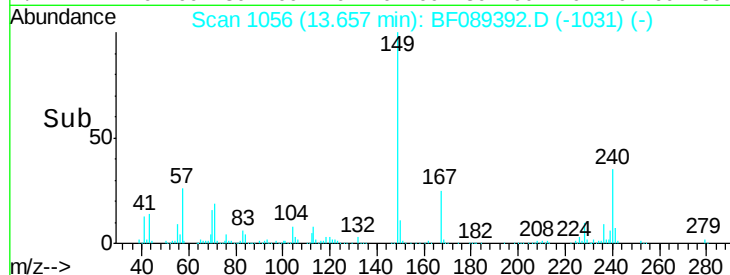
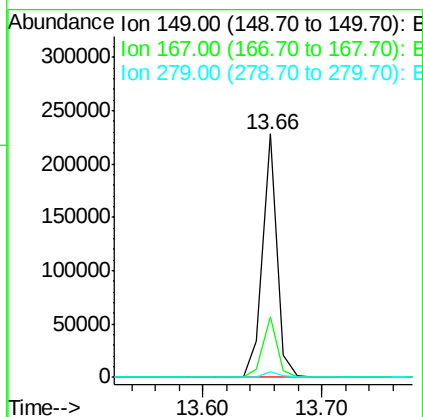
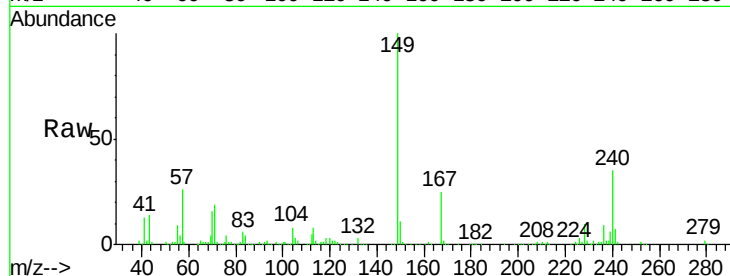




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.76 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

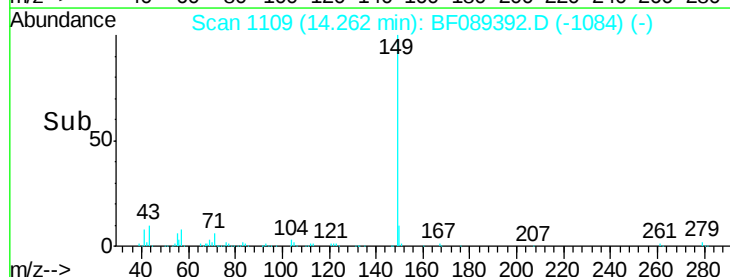
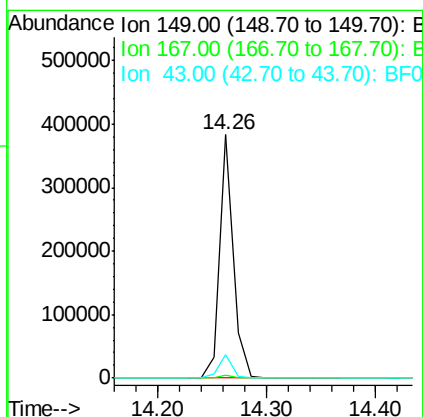
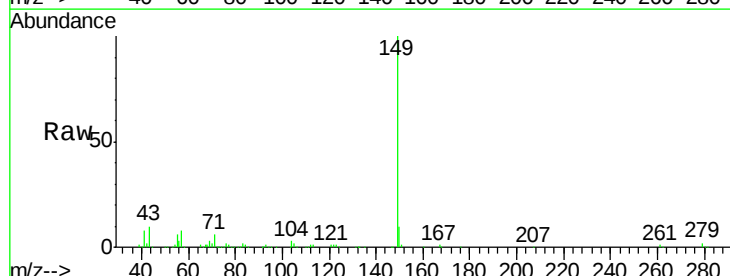
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

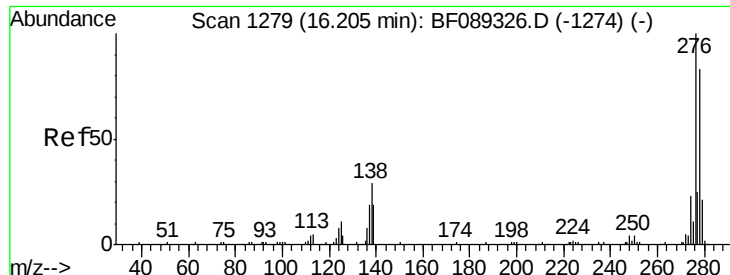
Tgt Ion:149 Resp: 195829
 Ion Ratio Lower Upper
 149 100
 167 25.1 18.8 28.2
 279 2.5 1.4 2.0#



#84
 Di-n-octyl phthalate
 Concen: 43.09 ng
 RT: 14.26 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF089392.D
 Acq: 29 Jul 2016 5:29

Tgt Ion:149 Resp: 339659
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 10.0 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.16 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

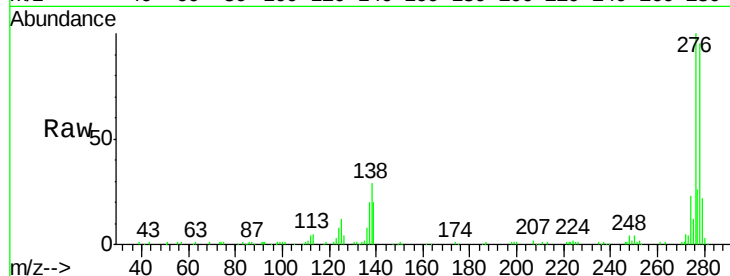
Tgt Ion:276 Resp: 195618

Ion Ratio Lower Upper

276 100

138 29.1 23.0 34.4

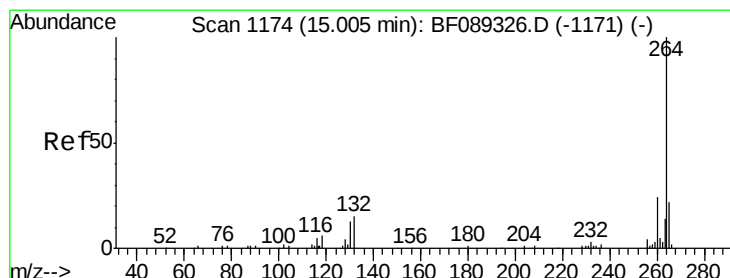
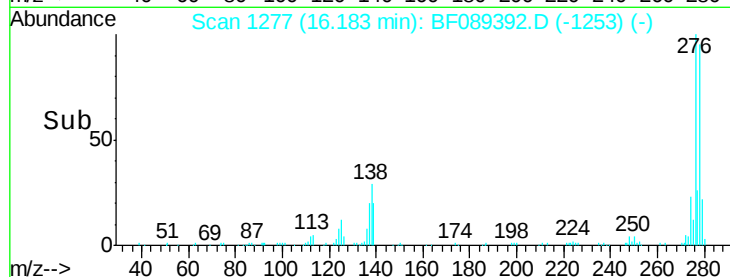
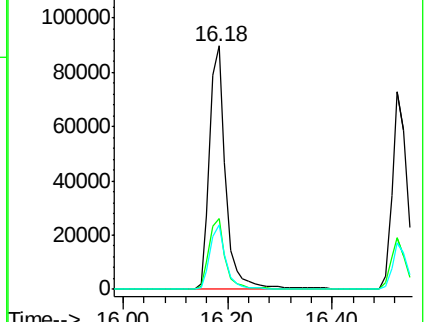
277 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

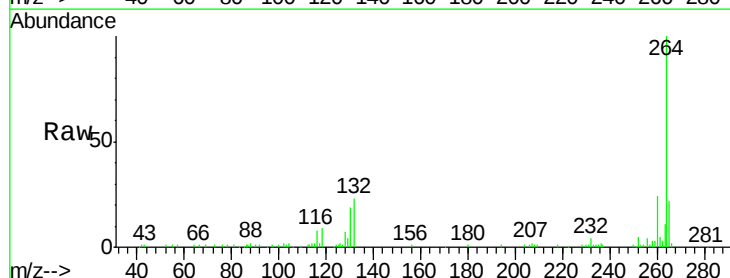
Tgt Ion:264 Resp: 91468

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

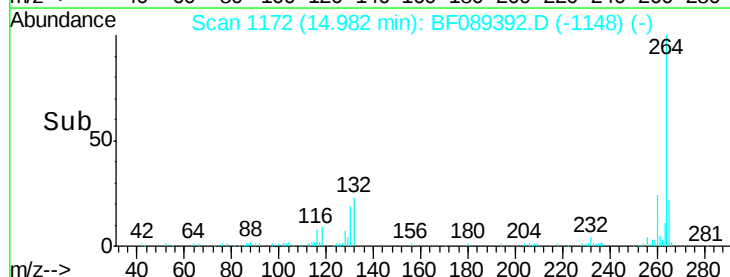
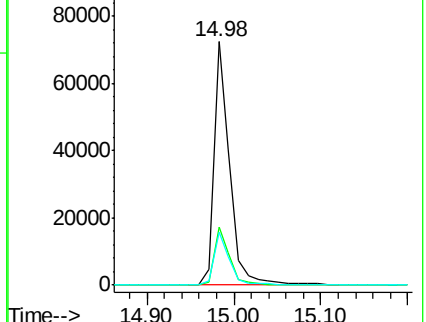
265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

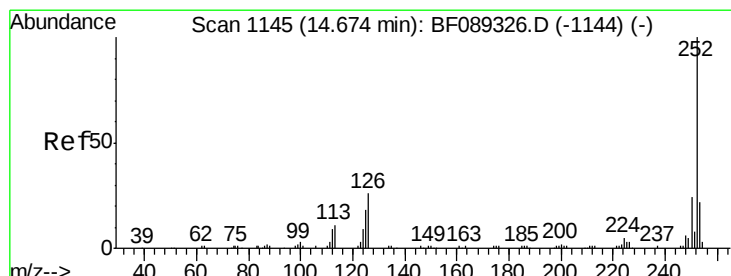
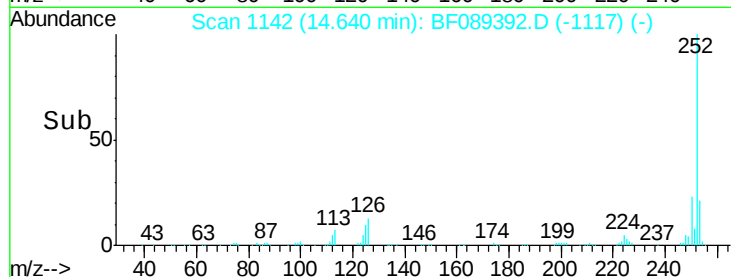
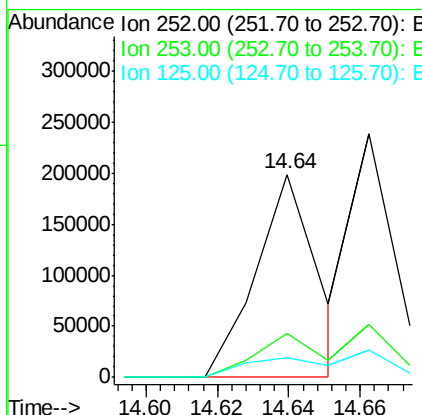
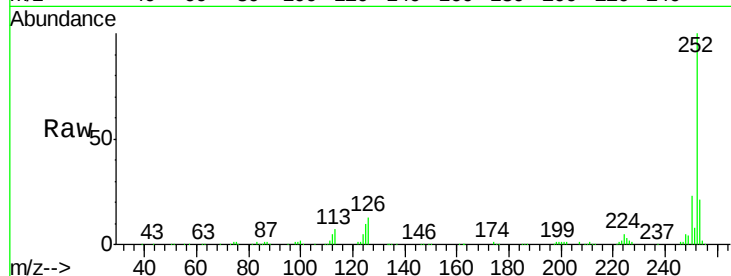




#87
Benzo(b)fluoranthene
Concen: 41.65 ng m
RT: 14.64 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

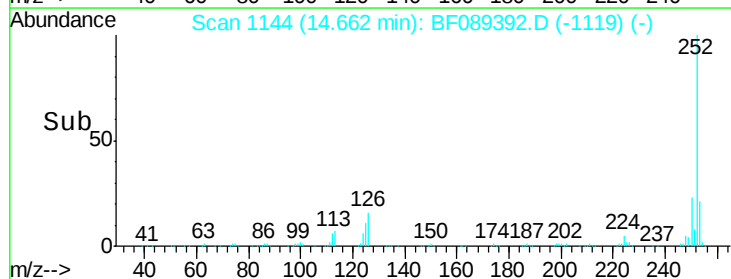
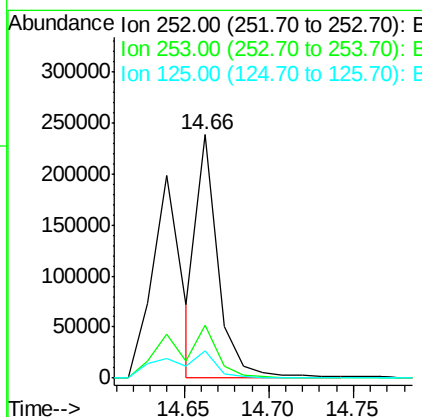
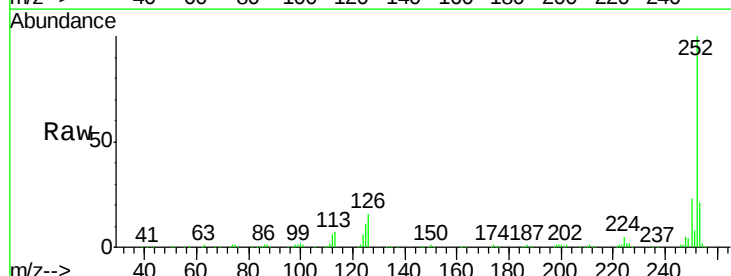
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

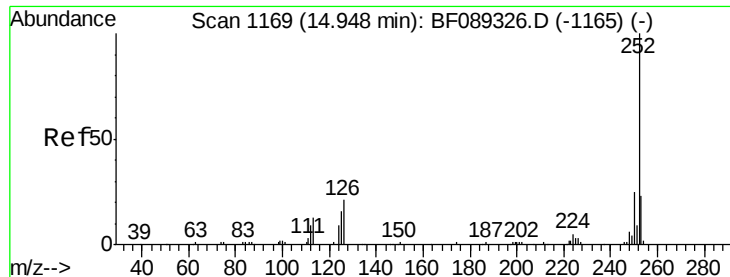
Tgt Ion:252 Resp: 236604
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.8 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 41.74 ng m
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF089392.D
Acq: 29 Jul 2016 5:29

Tgt Ion:252 Resp: 217982
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 11.1 10.7 16.1





#89

Benzo(a)pyrene

Concen: 41.51 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

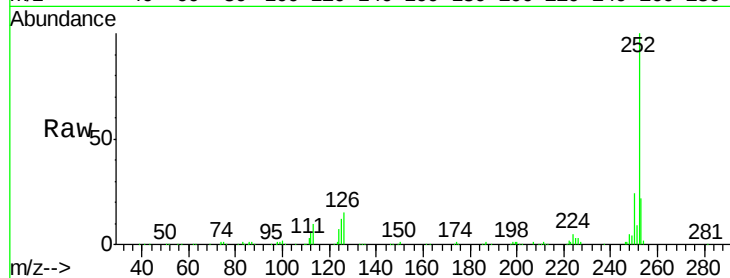
Tgt Ion:252 Resp: 211528

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

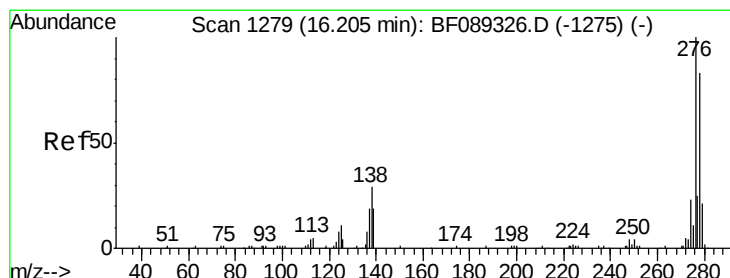
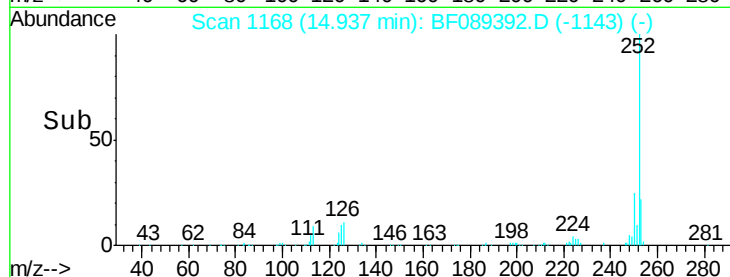
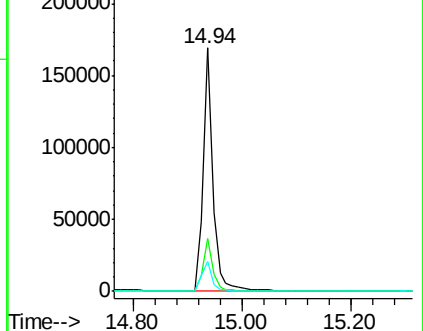
125 12.4 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.52 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

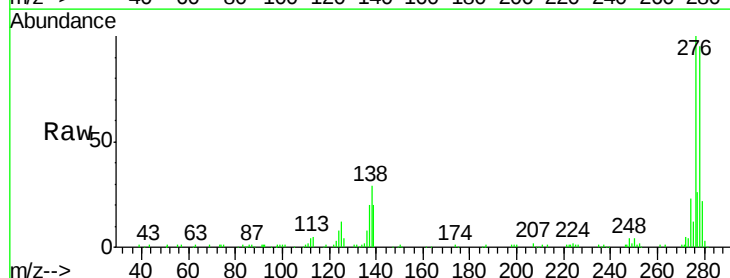
Tgt Ion:278 Resp: 166684

Ion Ratio Lower Upper

278 100

139 21.1 16.3 24.5

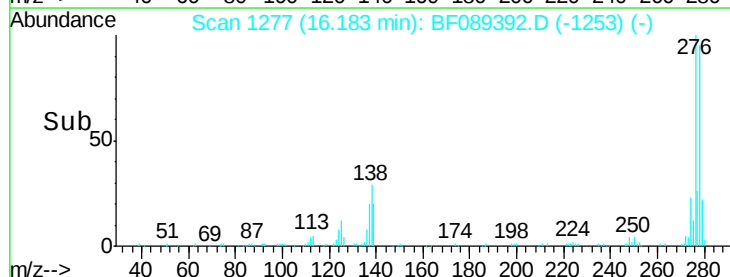
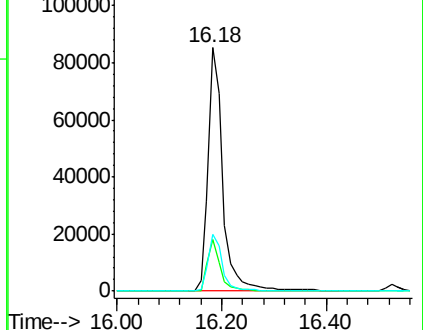
279 23.3 19.1 28.7

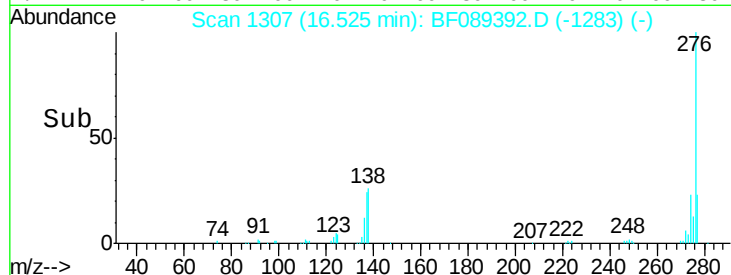
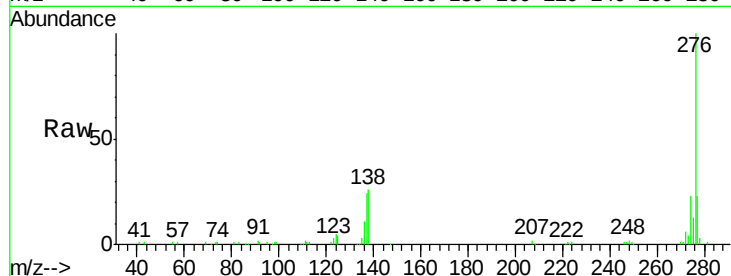
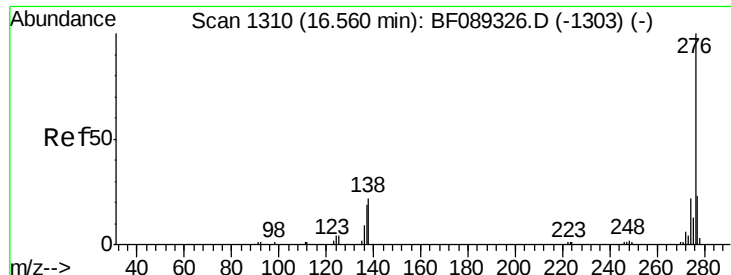


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.65 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF089392.D

Acq: 29 Jul 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 152492

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 26.2 21.4 32.0

