

Data File : BF093074.D
Acq On : 22 Feb 2017 14:33
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 22 23:53:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176988	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	734416	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	387461	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	598620	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	504987	20.00	ng	-0.02
86) Perylene-d12	15.41	264	360825	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	840004	81.43	ng	-0.02
7) Phenol-d6	6.49	99	1112265	83.79	ng	0.00
23) Nitrobenzene-d5	7.41	82	1012308	76.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	219351	78.27	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1634980	76.45	ng	-0.01
78) Terphenyl-d14	12.95	244	1665078	77.47	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	227314	40.78	ng	# 85
3) Pyridine	3.12	79	620844	43.80	ng	88
4) n-Nitrosodimethylamine	3.08	42	267523	40.20	ng	85
6) Aniline	6.51	93	786841	43.46	ng	# 44
8) 2-Chlorophenol	6.62	128	456486	40.11	ng	92
9) Benzaldehyde	6.38	77	327688	34.46	ng	89
10) Phenol	6.50	94	683294	44.00	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	473533	38.20	ng	91
12) 1,3-Dichlorobenzene	6.78	146	562756	42.22	ng	97
13) 1,4-Dichlorobenzene	6.86	146	567908	42.09	ng	93
14) 1,2-Dichlorobenzene	7.01	146	487138	37.76	ng	98
15) Benzyl Alcohol	6.99	79	355691	36.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	868220	40.32	ng	95
17) 2-Methylphenol	7.12	107	421288	43.15	ng	97
18) Hexachloroethane	7.36	117	191095	41.49	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	335115	39.66	ng	95
20) 3+4-Methylphenols	7.26	107	444320	38.06	ng	# 80
22) Acetophenone	7.26	105	630378	37.59	ng	# 93
24) Nitrobenzene	7.44	77	553192	40.85	ng	98
25) Isophorone	7.68	82	986157	40.13	ng	97
26) 2-Nitrophenol	7.76	139	271993	42.25	ng	# 78
27) 2,4-Dimethylphenol	7.79	122	410841	36.34	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	613665	37.70	ng	98
29) 2,4-Dichlorophenol	8.00	162	423949	40.21	ng	94
30) 1,2,4-Trichlorobenzene	8.08	180	444779	39.14	ng	97
31) Naphthalene	8.16	128	1453137	39.03	ng	99
32) Benzoic acid	7.94	122	231235	37.88	ng	92
33) 4-Chloroaniline	8.20	127	557062	38.15	ng	# 93
34) Hexachlorobutadiene	8.27	225	238027	38.08	ng	99
35) Caprolactam	8.59	113	131203	39.56	ng	# 42
36) 4-Chloro-3-methylphenol	8.69	107	430158	39.13	ng	98
37) 2-Methylnaphthalene	8.84	142	886881	37.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	430410	39.57	ng	99
40) Hexachlorocyclopentadiene	8.99	237	194591	39.65	ng	97

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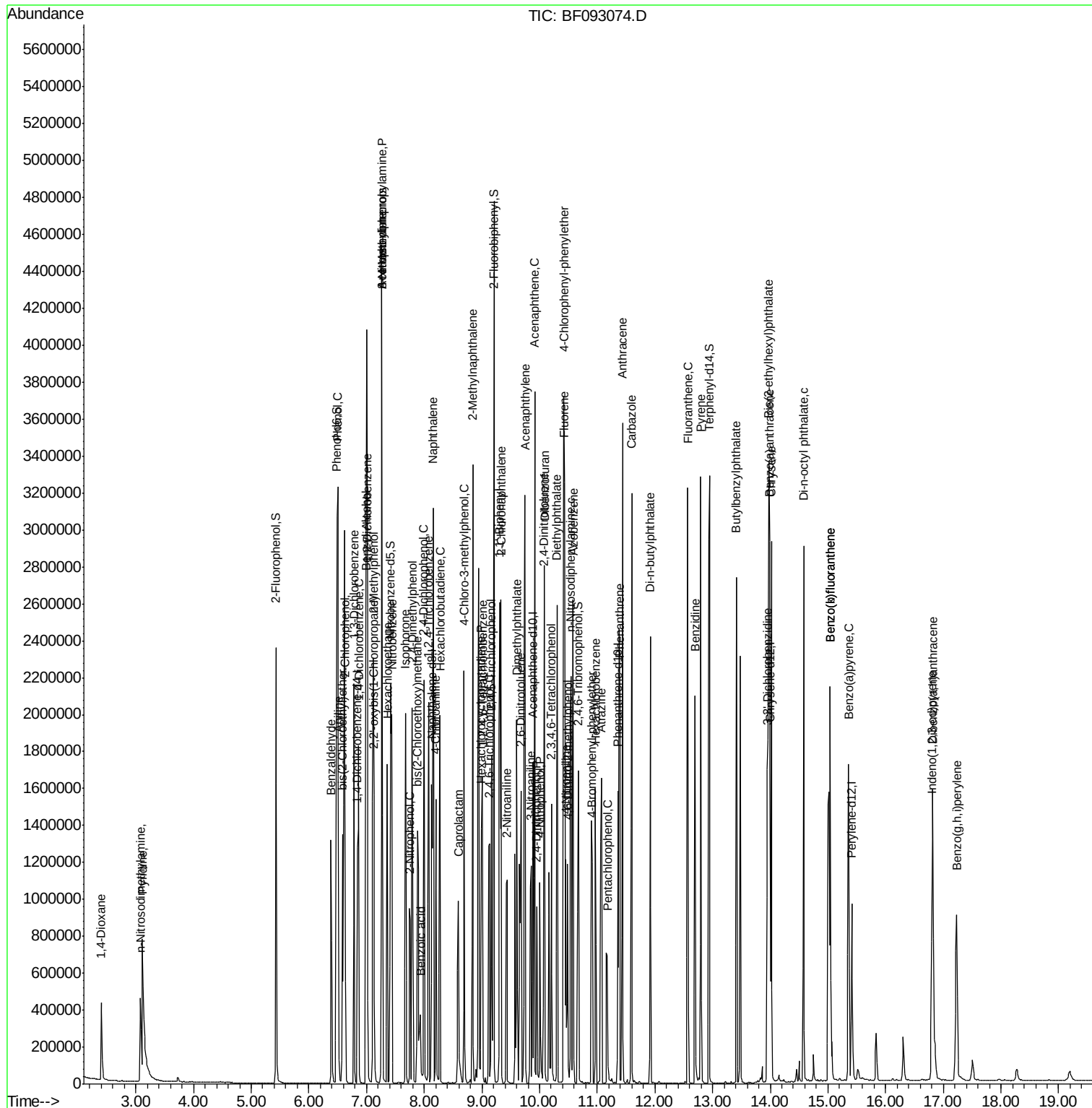
Quant Time: Feb 22 23:53:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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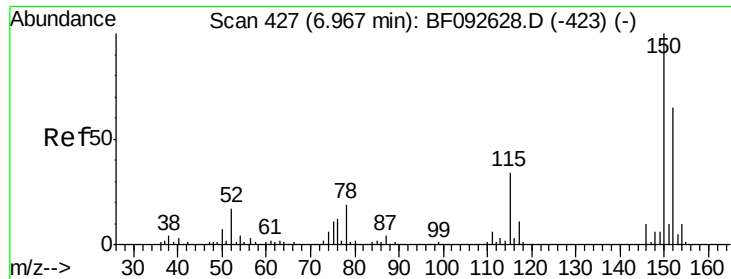
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	277841	38.88	ng	96
43) 2,4,5-Trichlorophenol	9.16	196	293715	37.51	ng	95
45) 1,1'-Biphenyl	9.31	154	1128396	40.22	ng	99
46) 2-Chloronaphthalene	9.33	162	914510	41.67	ng	98
47) 2-Nitroaniline	9.42	65	284398	38.54	ng	92
48) Acenaphthylene	9.74	152	1416370	37.36	ng	99
49) Dimethylphthalate	9.61	163	936410	35.88	ng	99
50) 2,6-Dinitrotoluene	9.68	165	245533	43.56	ng	95
51) Acenaphthene	9.92	154	815986	36.00	ng	96
52) 3-Nitroaniline	9.85	138	283244	43.91	ng	# 76
53) 2,4-Dinitrophenol	9.95	184	118469	43.61	ng	# 74
54) Dibenzofuran	10.09	168	1153035	38.03	ng	94
55) 4-Nitrophenol	10.01	139	163694	35.24	ng	93
56) 2,4-Dinitrotoluene	10.08	165	266683	35.54	ng	96
57) Fluorene	10.43	166	964292	41.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	206453	39.52	ng	97
59) Diethylphthalate	10.30	149	974765	39.63	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	412778	36.83	ng	88
61) 4-Nitroaniline	10.45	138	249678	37.79	ng	93
62) Azobenzene	10.58	77	1046067	41.17	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	174287	47.84	ng	81
65) n-Nitrosodiphenylamine	10.54	169	825034	43.14	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	257941	41.24	ng	# 78
67) Hexachlorobenzene	10.97	284	242058	39.17	ng	# 73
68) Atrazine	11.07	200	275016	44.81	ng	96
69) Pentachlorophenol	11.17	266	132640	45.03	ng	95
70) Phenanthrene	11.39	178	1371059	39.98	ng	97
71) Anthracene	11.44	178	1339526	38.89	ng	99
72) Carbazole	11.60	167	1405719	42.70	ng	99
73) Di-n-butylphthalate	11.92	149	1386166	38.93	ng	98
74) Fluoranthene	12.57	202	1255425	35.49	ng	99
76) Benzidine	12.69	184	765560	35.58	ng	98
77) Pyrene	12.80	202	1307831	34.61	ng	99
79) Butylbenzylphthalate	13.41	149	628179	40.93	ng	88
80) Benzo(a)anthracene	13.99	228	1069780	34.64	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	434765	39.49	ng	# 95
82) Chrysene	14.02	228	903699	31.25	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	845735	40.30	ng	# 96
84) Di-n-octyl phthalate	14.58	149	1319679	38.61	ng	99
85) Indeno(1,2,3-cd)pyrene	16.81	276	779852	34.82	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	1811919	76.29	ng	99
88) Benzo(k)fluoranthene	15.04	252	1812723	88.40	ng	97
89) Benzo(a)pyrene	15.36	252	826181	40.22	ng	97
90) Dibenzo(a,h)anthracene	16.82	278	669992	40.35	ng	# 95
91) Benzo(g,h,i)perylene	17.23	276	690738	41.18	ng	# 92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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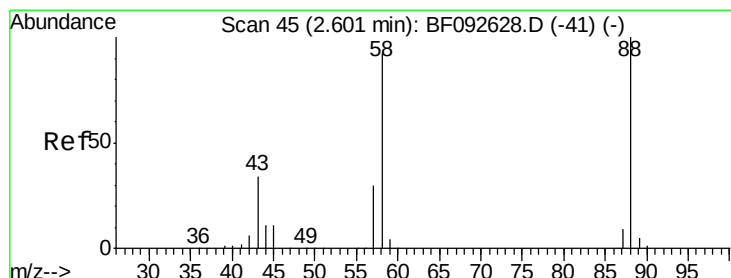
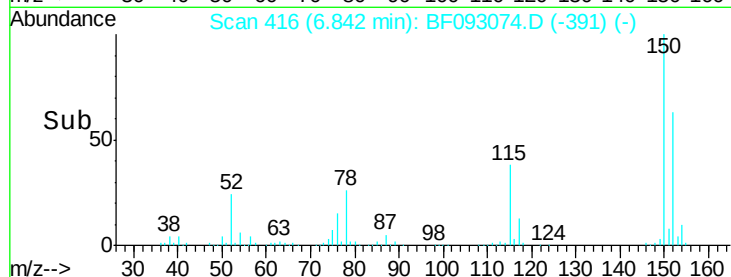
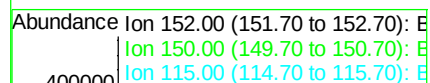
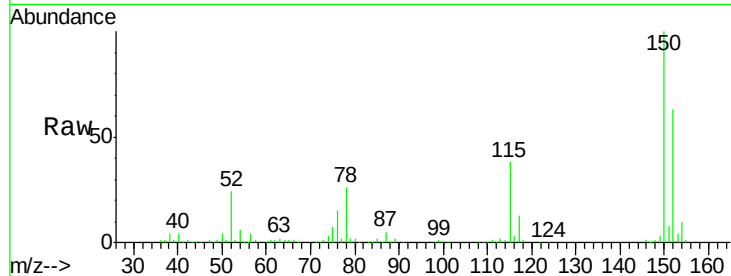
Tgt Ion:152 Resp: 176988

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

115 60.1 46.0 69.0



#2

1,4-Dioxane

Concen: 40.78 ng

RT: 2.40 min Scan# 27

Delta R.T. -0.03 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

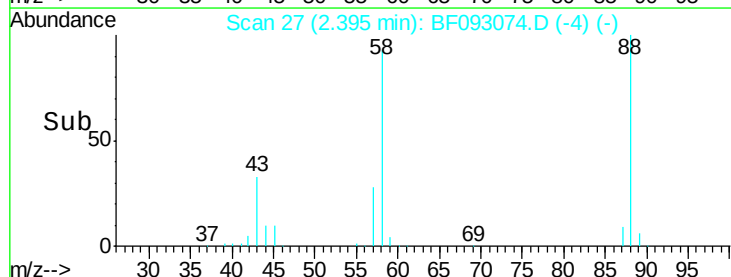
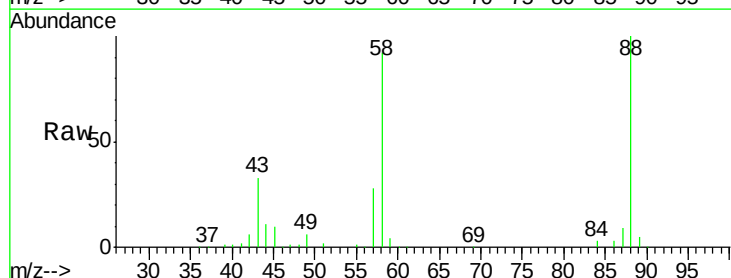
Tgt Ion: 88 Resp: 227314

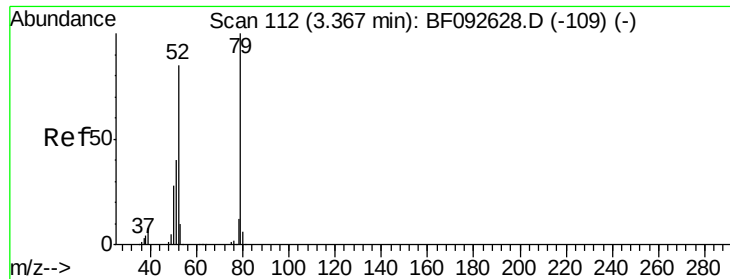
Ion Ratio Lower Upper

88 100

58 87.6 57.8 86.8#

43 31.3 22.3 33.5





#3

Pyridine

Concen: 43.80 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.03 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

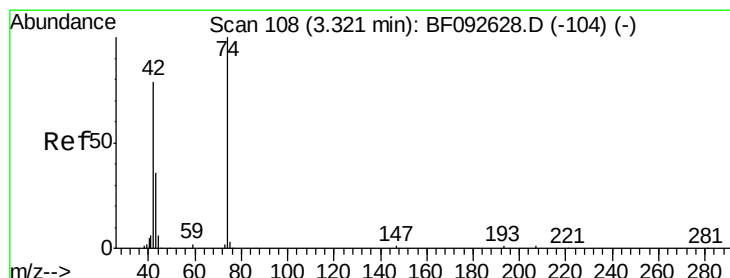
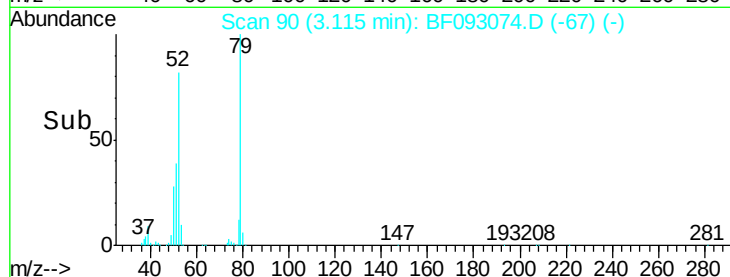
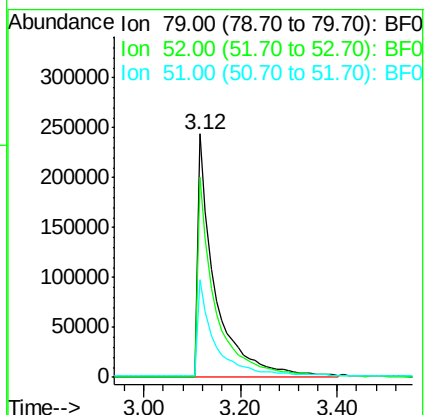
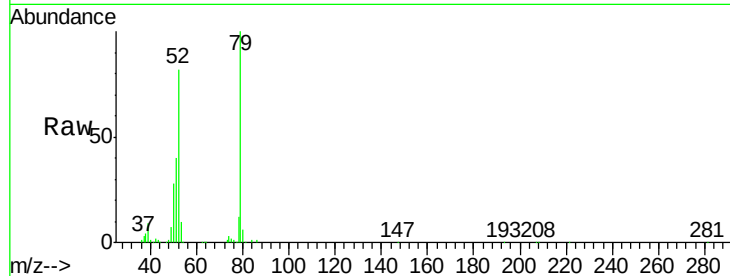
Tgt Ion: 79 Resp: 620844

Ion Ratio Lower Upper

79 100

52 82.2 57.1 85.7

51 40.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.20 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

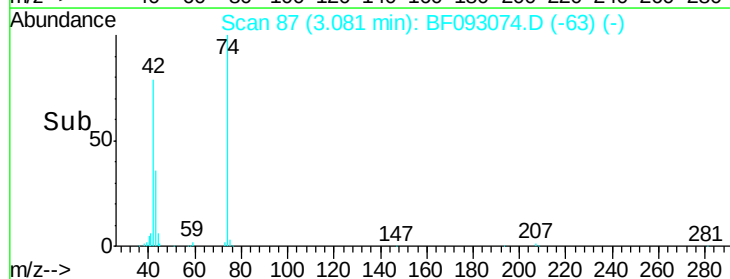
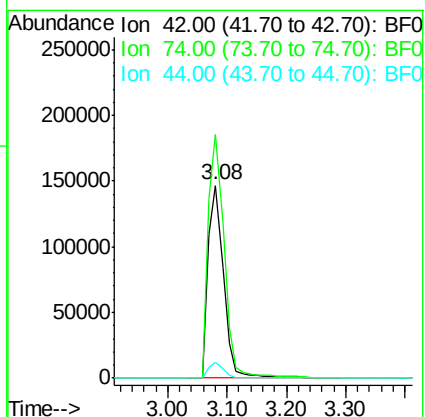
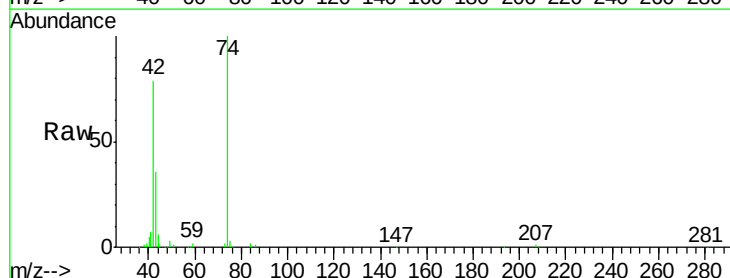
Tgt Ion: 42 Resp: 267523

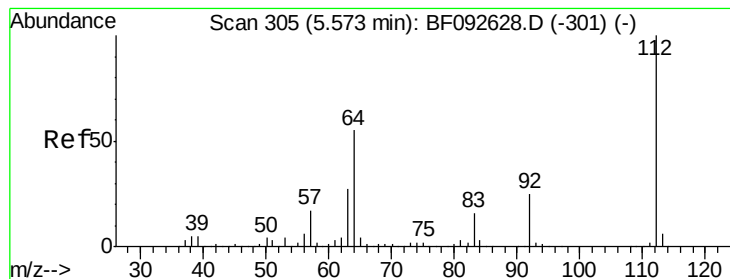
Ion Ratio Lower Upper

42 100

74 126.5 117.0 175.4

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 81.43 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

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ClientSampleId :

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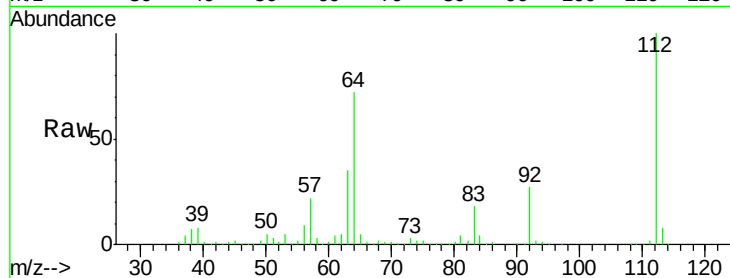
Tgt Ion: 112 Resp: 840004

Ion Ratio Lower Upper

112 100

64 71.7 46.1 69.1#

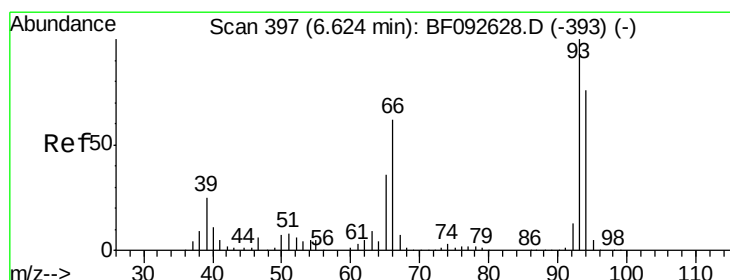
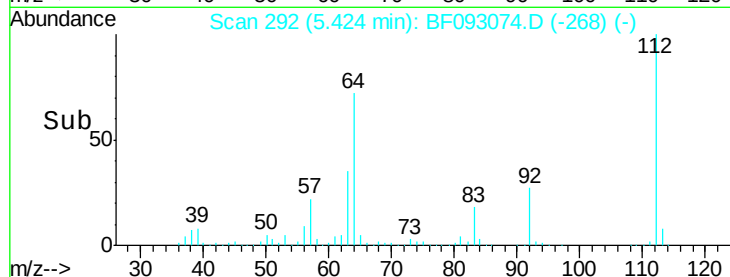
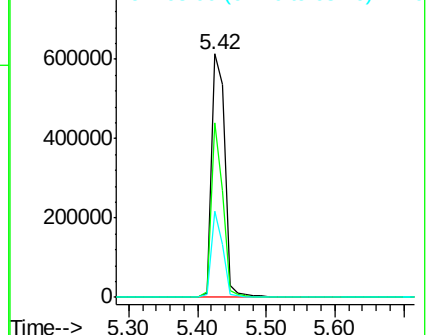
63 35.4 23.8 35.6



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: 43.46 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

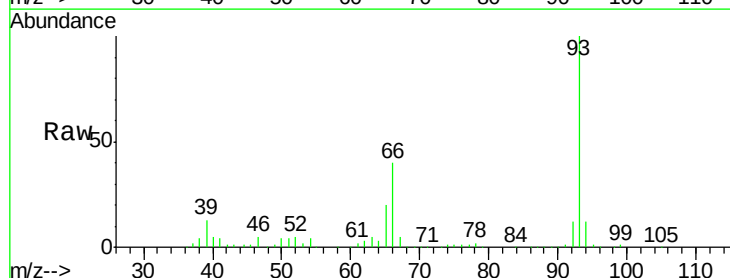
Tgt Ion: 93 Resp: 786841

Ion Ratio Lower Upper

93 100

66 40.2 76.2 114.2#

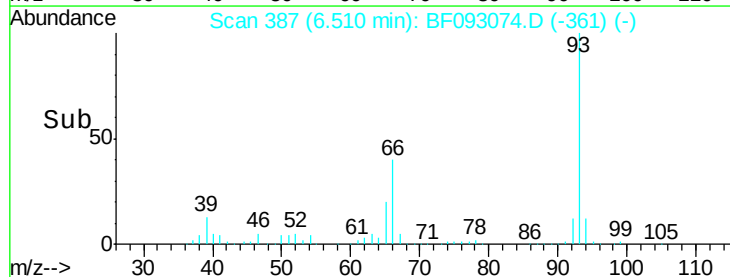
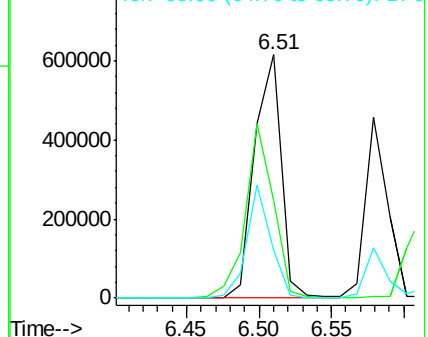
65 19.9 49.3 73.9#

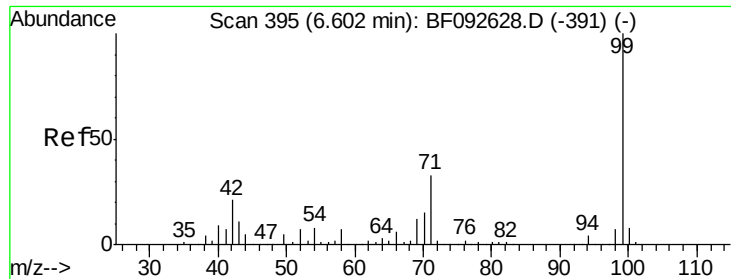


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.79 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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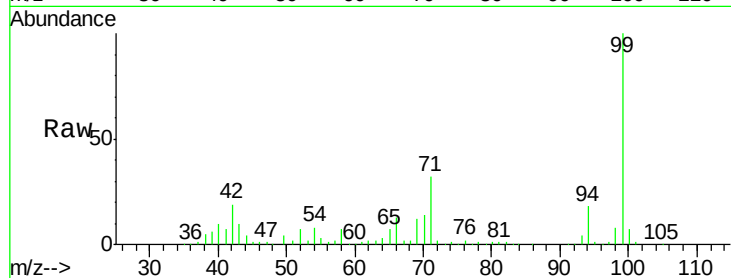
Tgt Ion: 99 Resp: 1112265

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

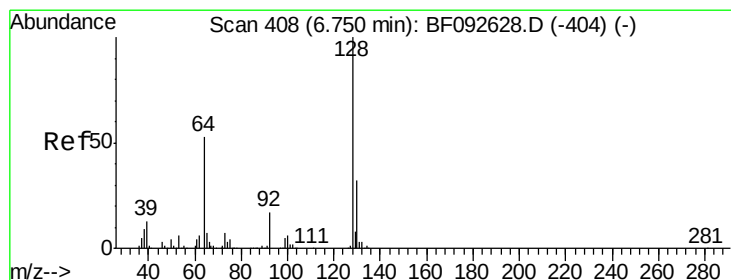
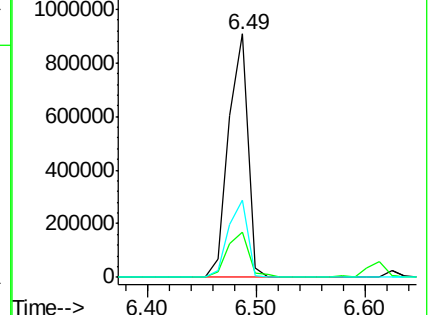
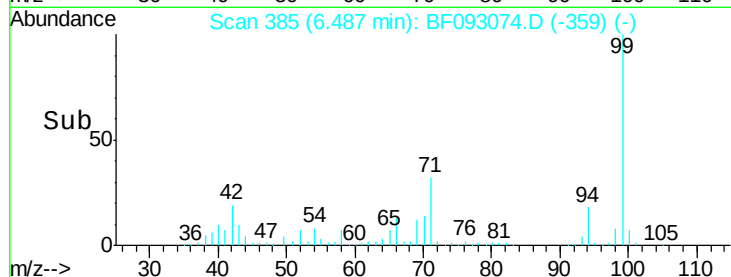
71 31.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.11 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

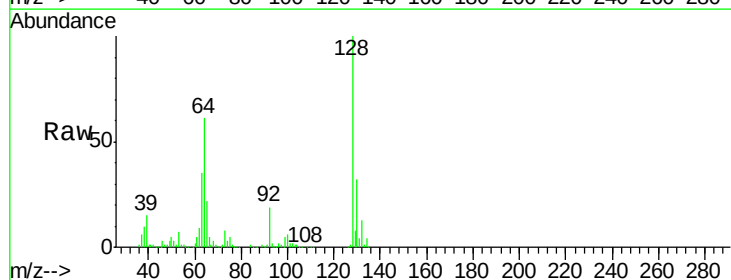
Tgt Ion: 128 Resp: 456486

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

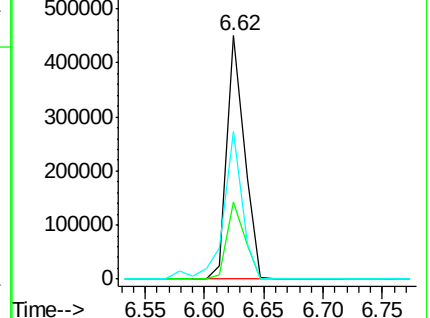
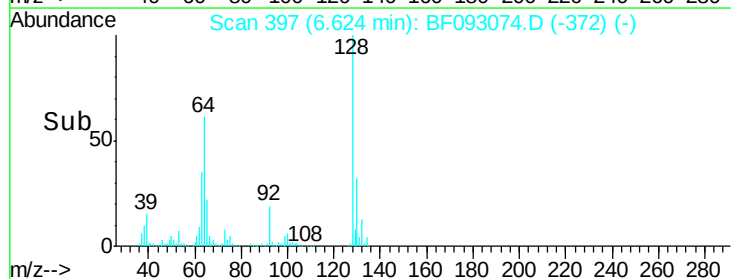
64 60.6 32.2 72.2

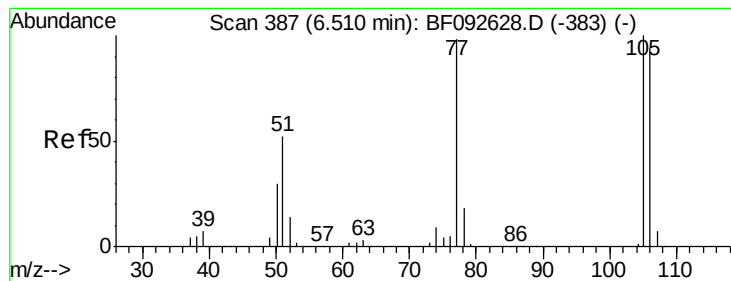


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.46 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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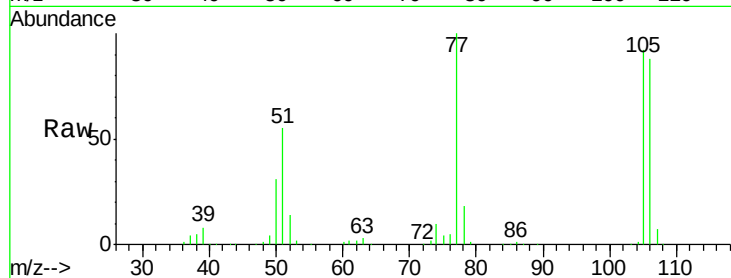
Tgt Ion: 77 Resp: 327688

Ion Ratio Lower Upper

77 100

105 91.7 83.9 123.9

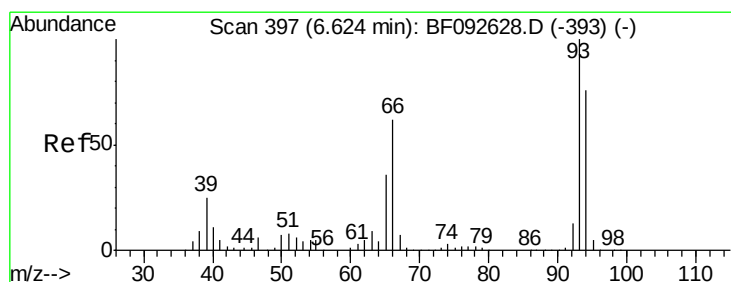
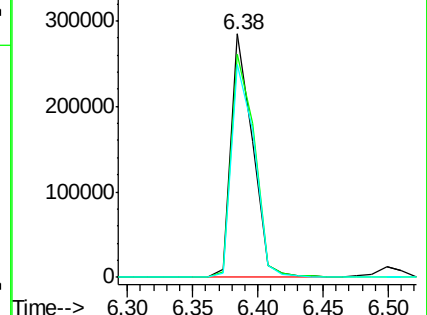
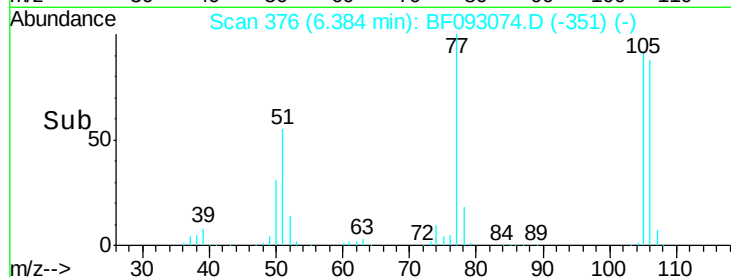
106 87.6 77.6 117.6



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: 44.00 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

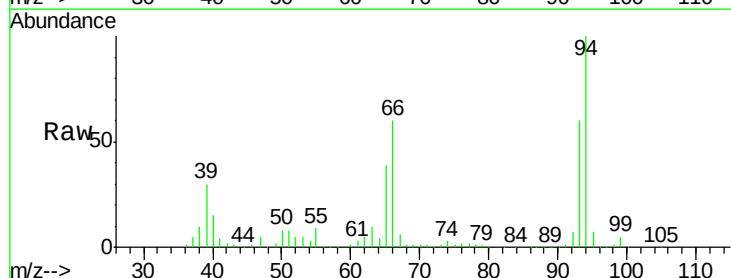
Tgt Ion: 94 Resp: 683294

Ion Ratio Lower Upper

94 100

65 38.7 21.4 61.4

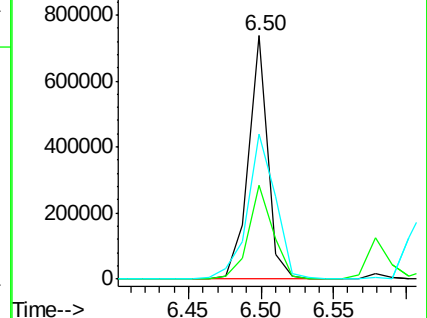
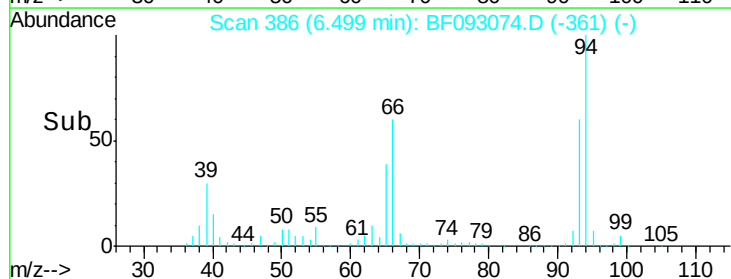
66 59.7 44.0 84.0

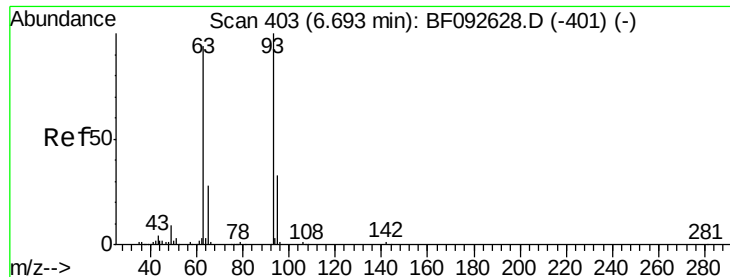


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

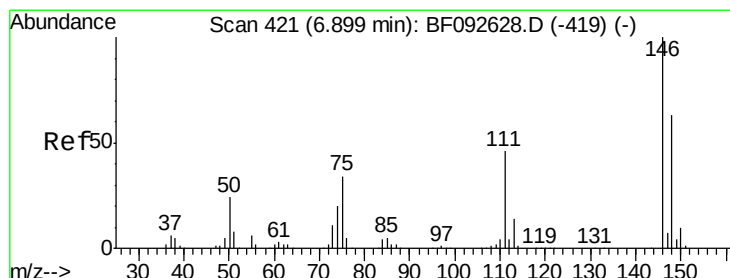
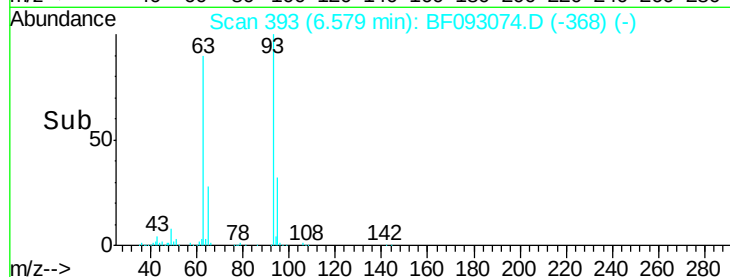
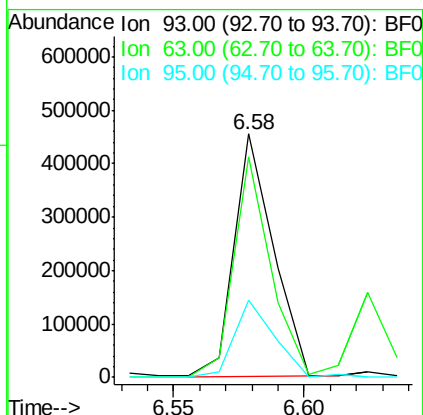
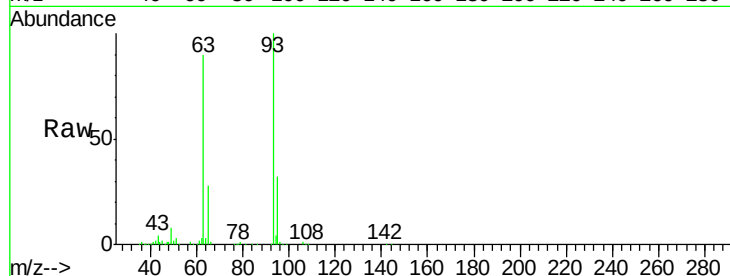




#11
bis(2-Chloroethyl)ether
Concen: 38.20 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

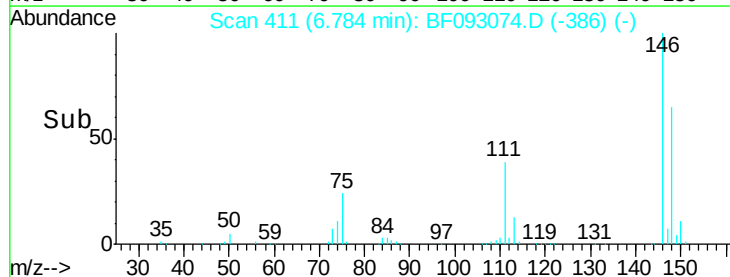
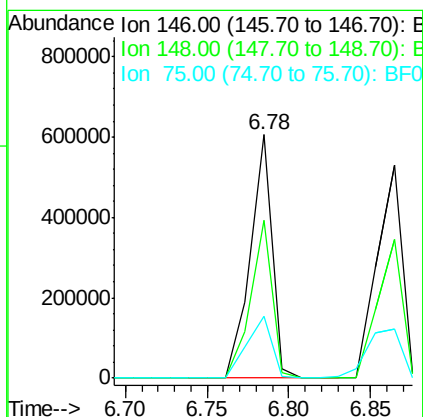
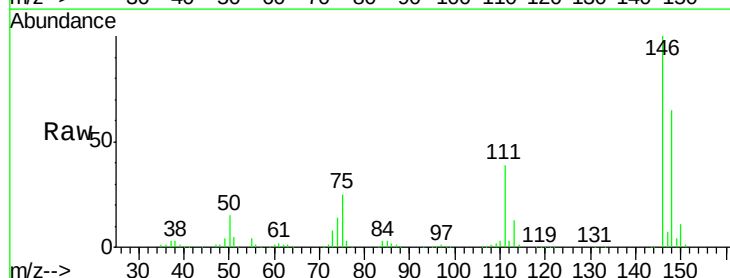
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

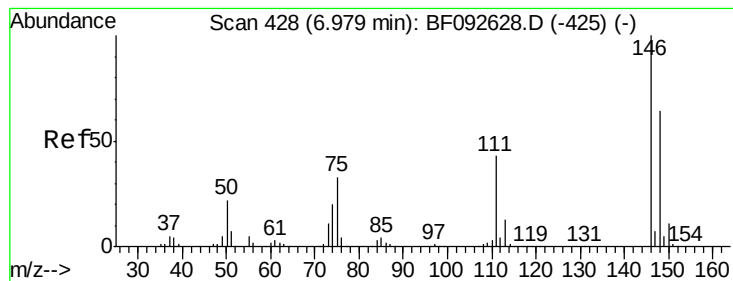
Tgt Ion: 93 Resp: 473533
Ion Ratio Lower Upper
93 100
63 90.5 60.4 100.4
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.22 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion: 146 Resp: 562756
Ion Ratio Lower Upper
146 100
148 64.8 53.4 80.0
75 25.4 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 42.09 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

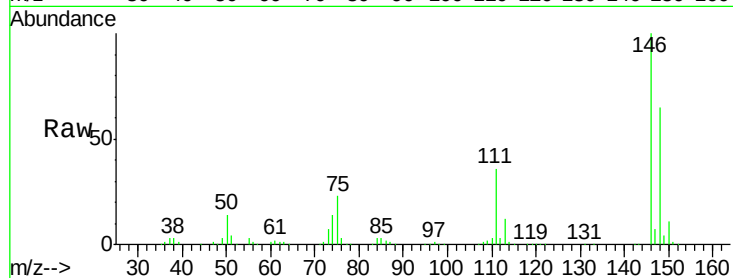
Tgt Ion:146 Resp: 567908

Ion Ratio Lower Upper

146 100

148 65.0 50.6 76.0

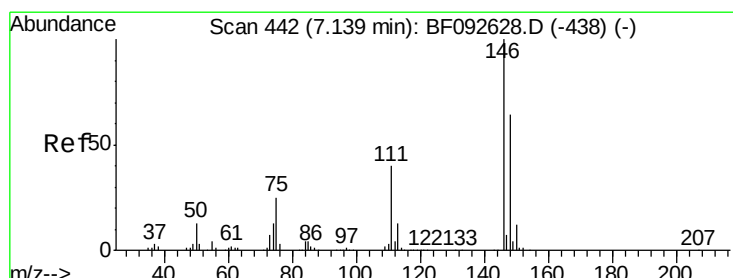
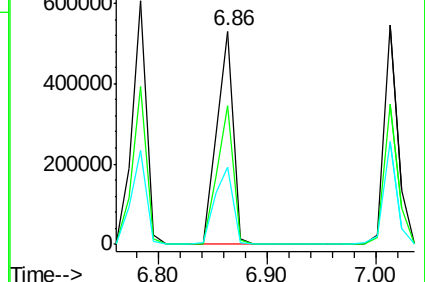
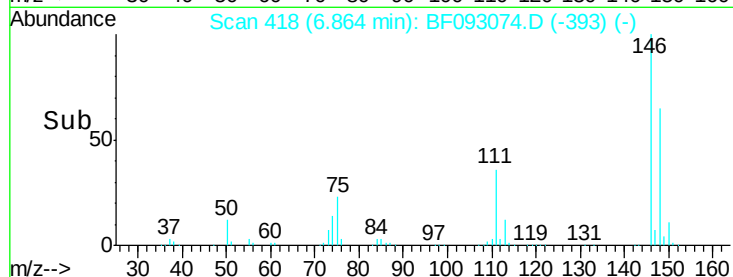
111 36.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.76 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

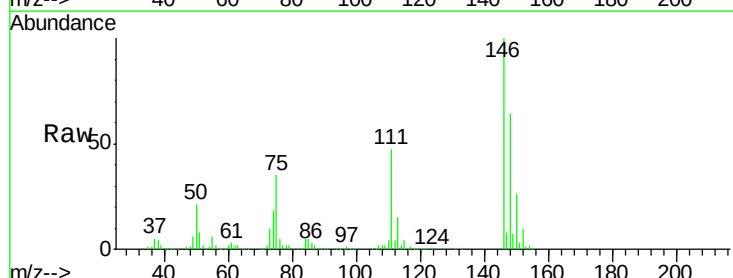
Tgt Ion:146 Resp: 487138

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

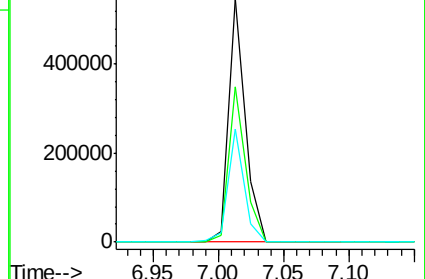
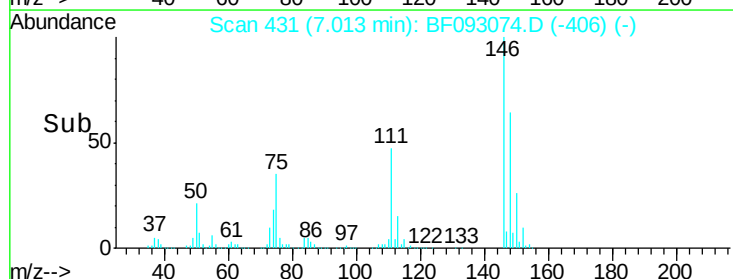
111 46.6 36.2 54.2

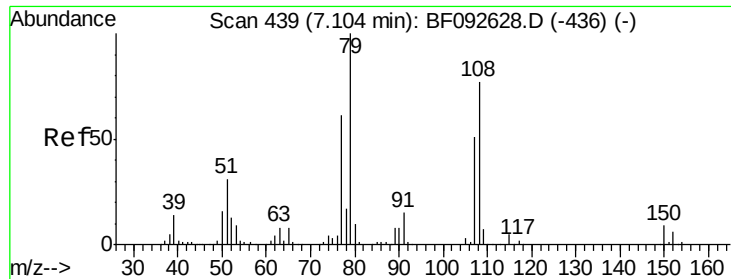


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

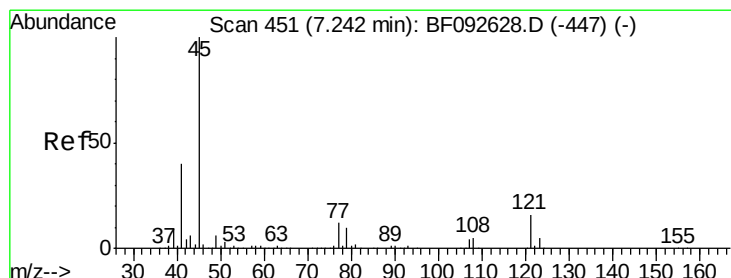
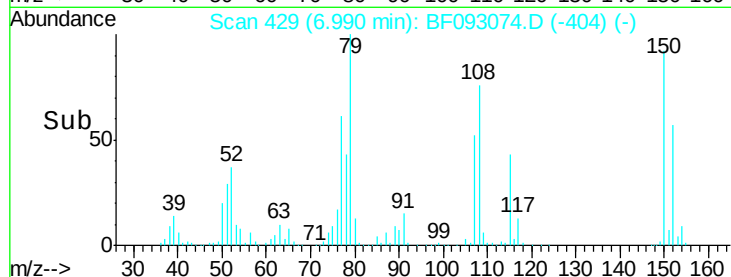
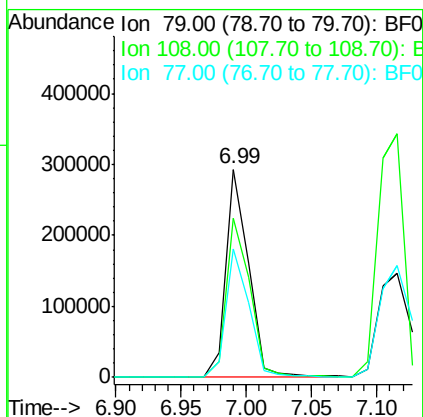
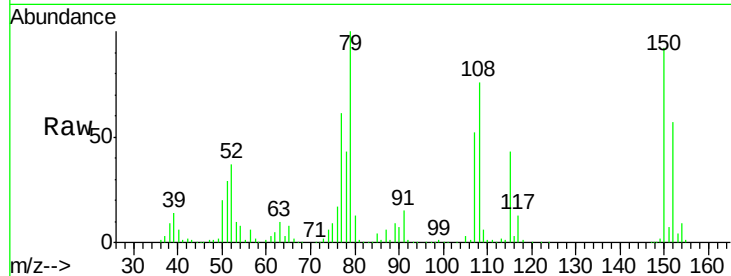




#15
Benzyl Alcohol
Concen: 36.20 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

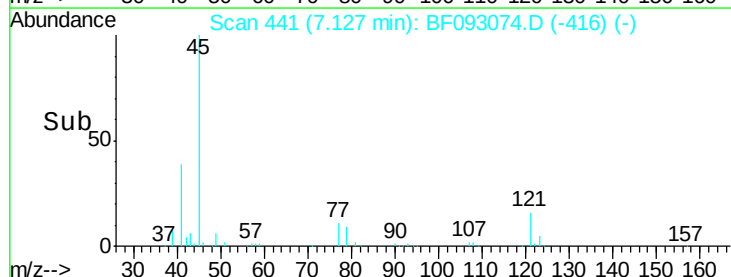
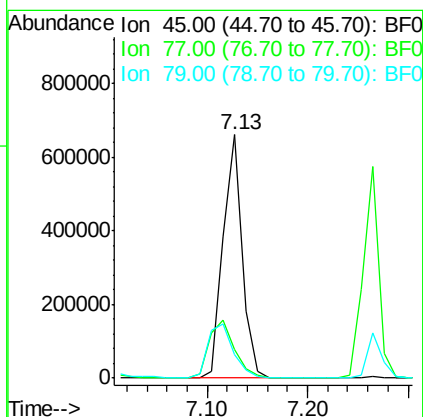
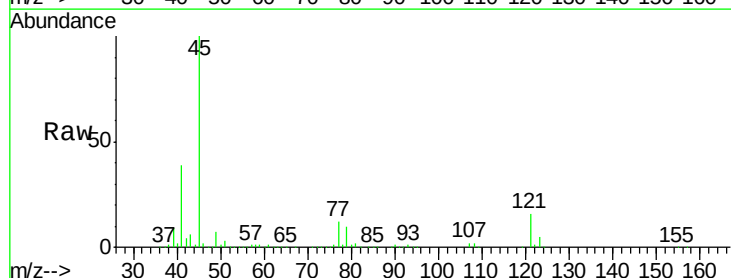
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

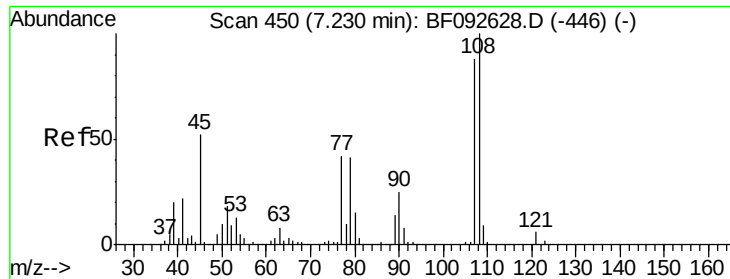
Tgt Ion: 79 Resp: 355691
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.0
77 61.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.32 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion: 45 Resp: 868220
Ion Ratio Lower Upper
45 100
77 12.0 0.0 34.6
79 9.6 0.0 31.2

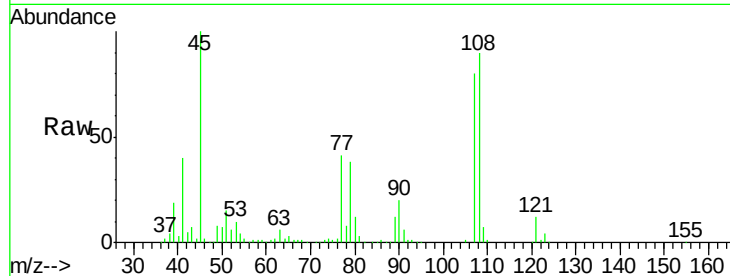




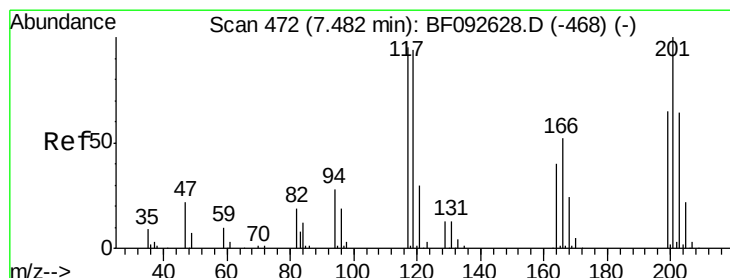
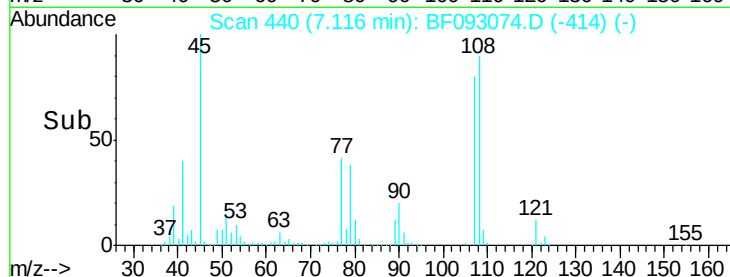
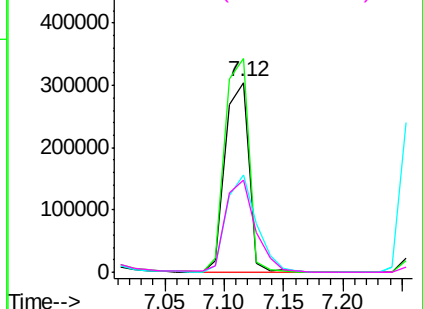
#17
2-Methylphenol
Concen: 43.15 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 421288
Ion Ratio Lower Upper
107 100
108 112.5 93.0 139.6
77 51.5 39.8 59.8
79 48.3 38.0 57.0

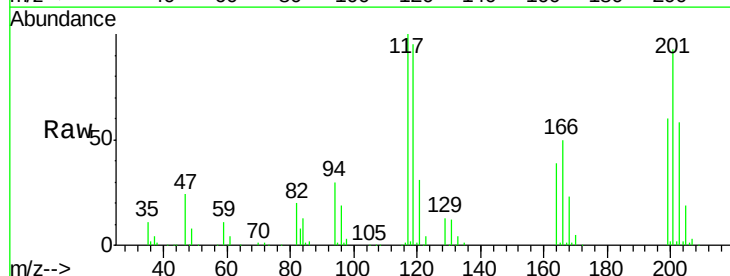


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

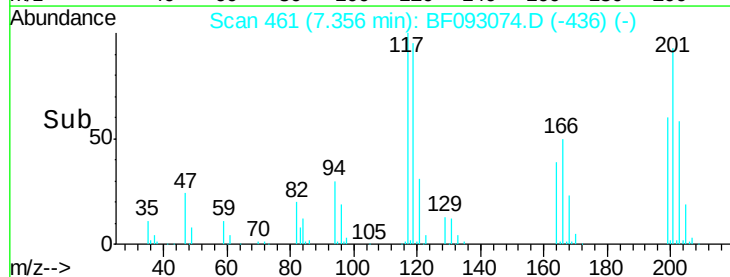
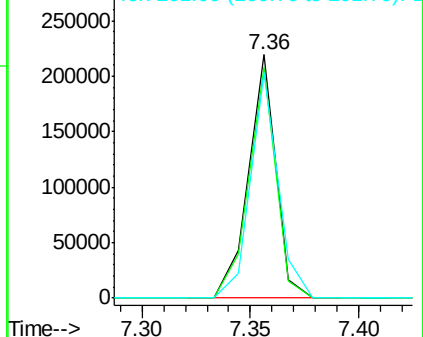


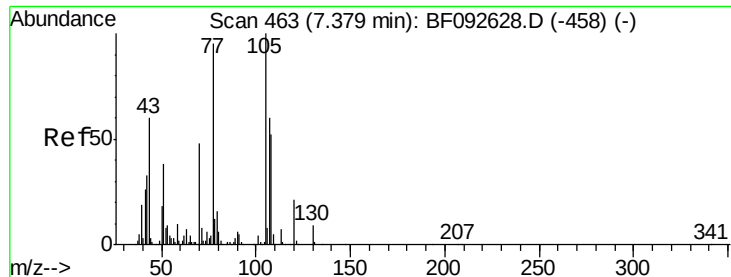
#18
Hexachloroethane
Concen: 41.49 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:117 Resp: 191095
Ion Ratio Lower Upper
117 100
119 94.8 78.1 117.1
201 92.9 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

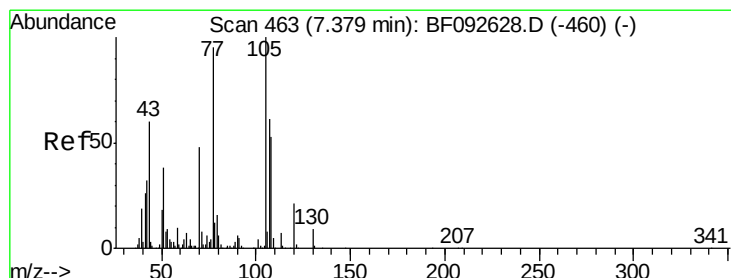
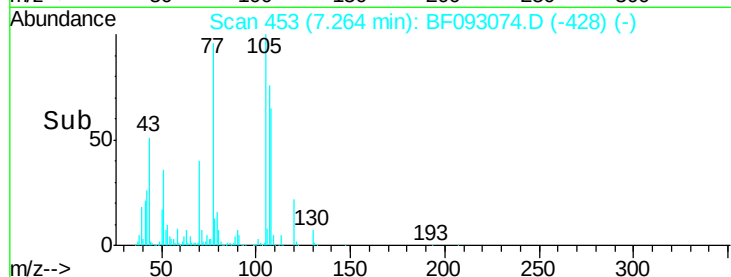
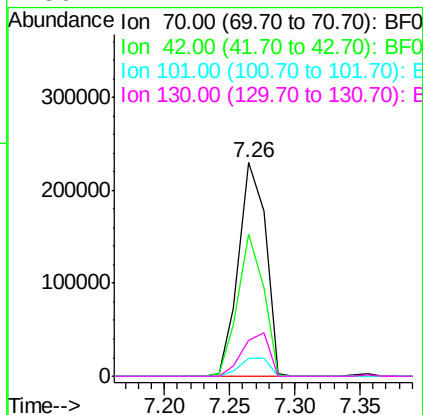
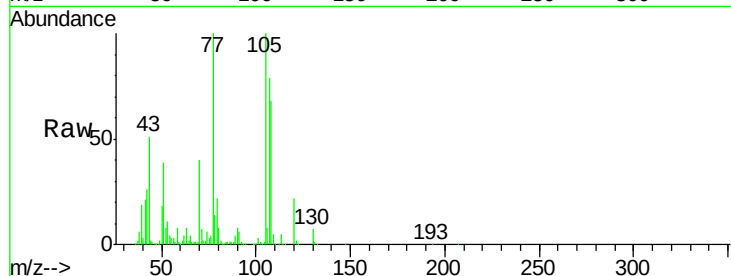




#19
n-Nitroso-di-n-propylamine
Concen: 39.66 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

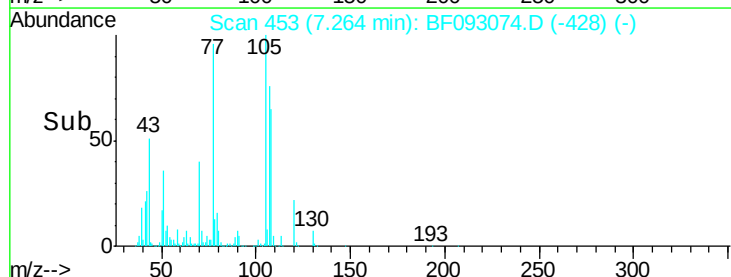
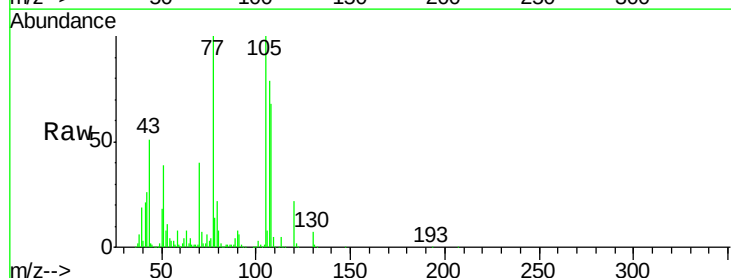
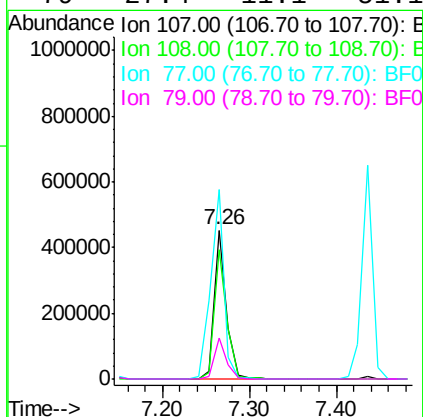
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

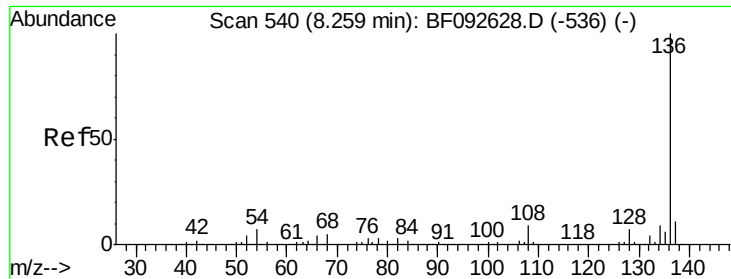
Tgt Ion: 70 Resp: 335115
Ion Ratio Lower Upper
70 100
42 66.5 49.4 74.0
101 8.2 7.4 11.2
130 17.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 38.06 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion: 107 Resp: 444320
Ion Ratio Lower Upper
107 100
108 86.9 73.0 113.0
77 126.9 71.3 111.3#
79 27.4 11.1 51.1

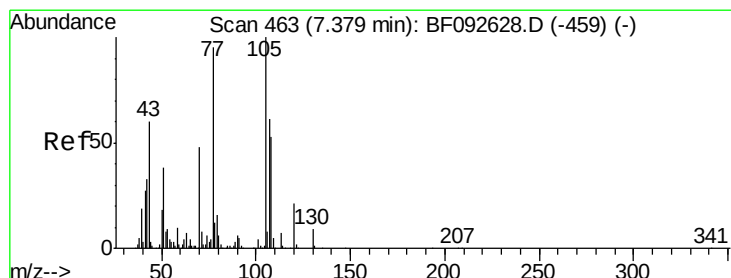
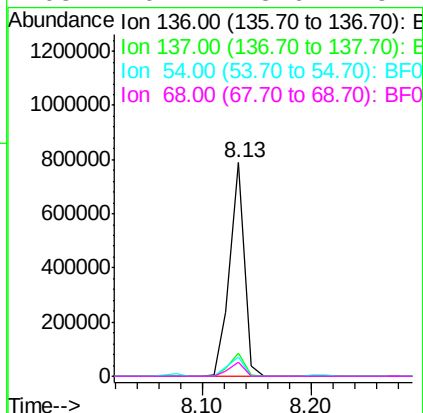
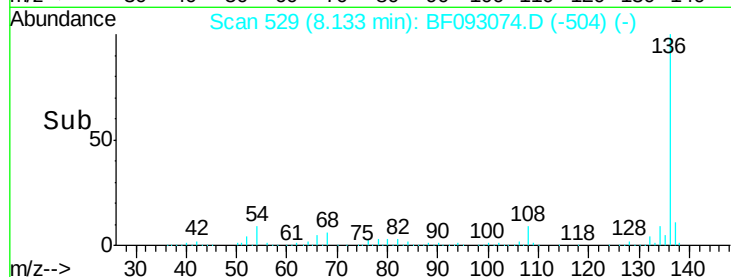
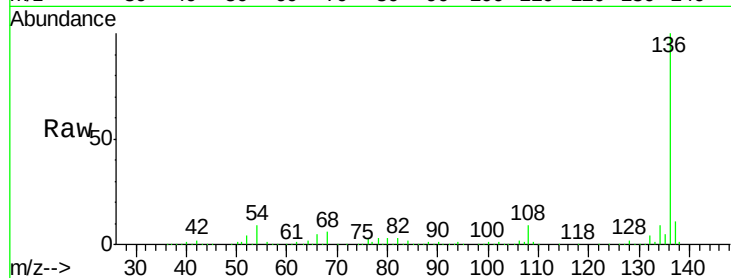




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

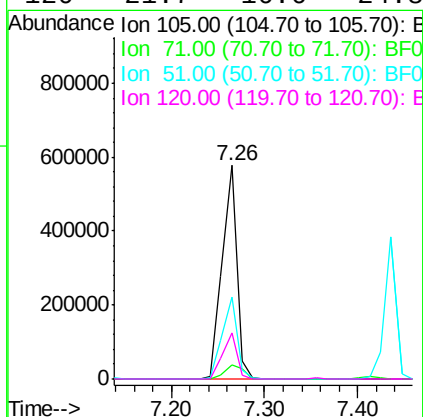
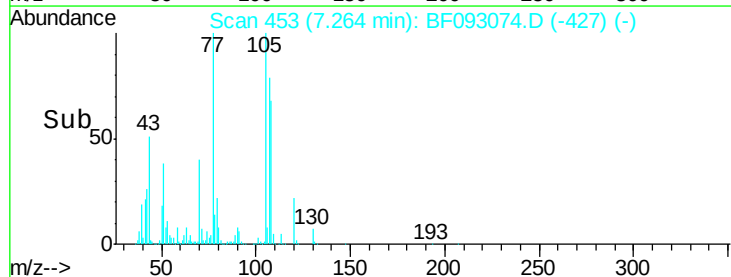
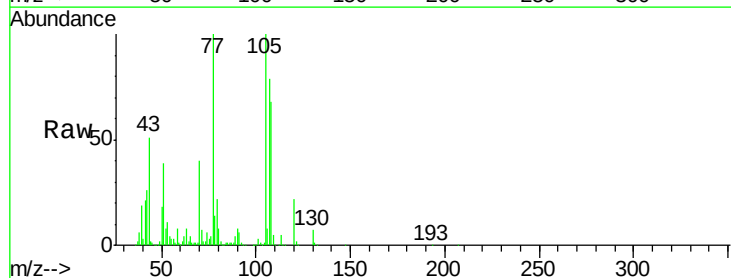
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

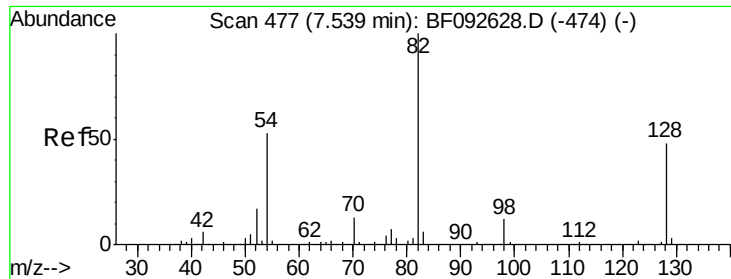
Tgt Ion:	136	Resp:	734416
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.9	4.5	6.7#
68	6.4	3.6	5.4#



#22
Acetophenone
Concen: 37.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:	105	Resp:	630378
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.2	4.8#
51	38.5	26.2	39.4
120	21.7	16.6	24.8

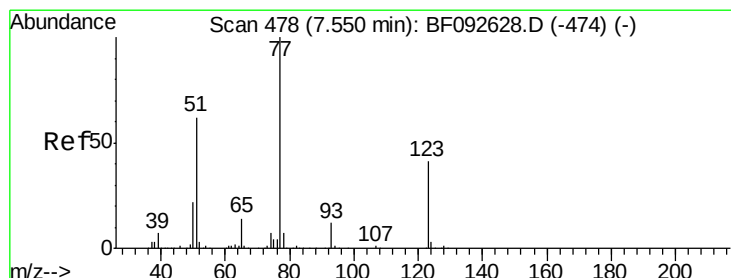
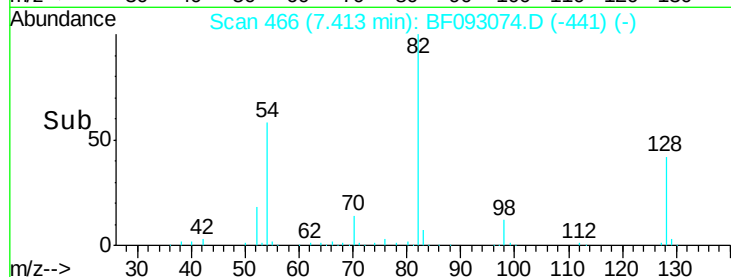
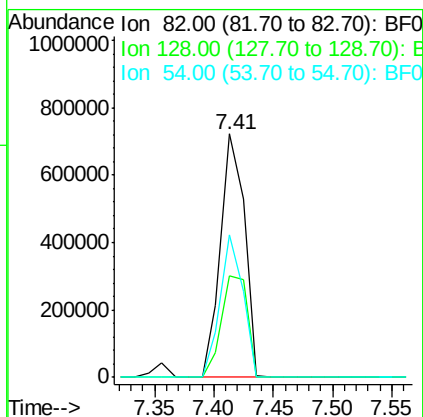
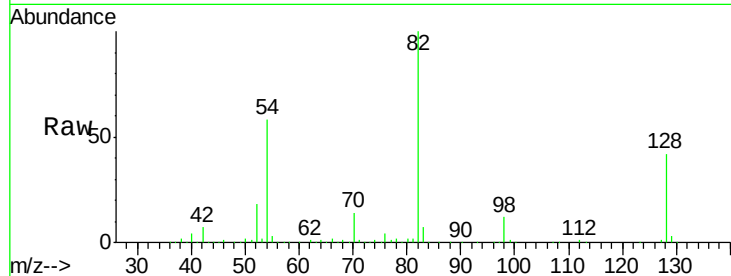




#23
 Nitrobenzene-d5
 Concen: 76.76 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

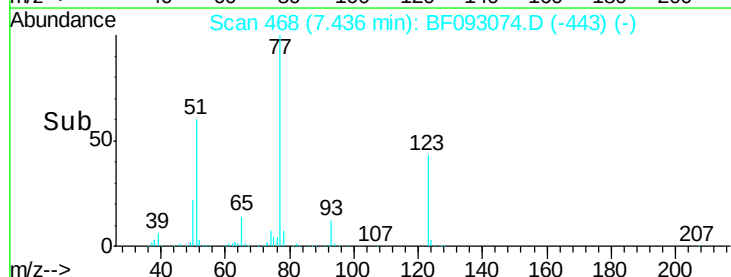
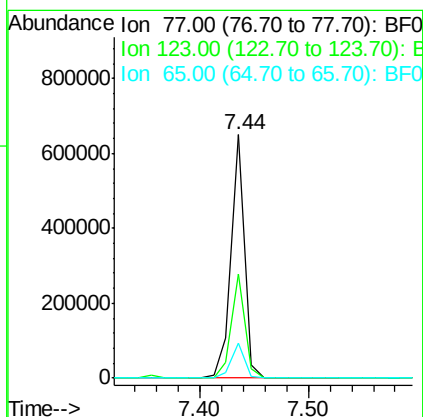
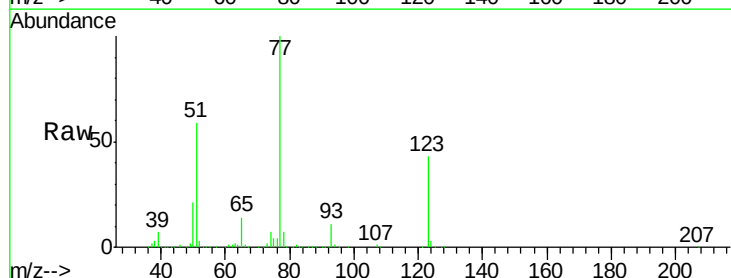
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

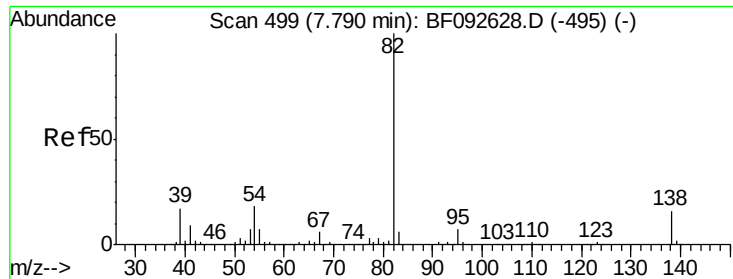
Tgt Ion: 82 Resp: 1012308
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 58.3 39.5 59.3



#24
 Nitrobenzene
 Concen: 40.85 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion: 77 Resp: 553192
 Ion Ratio Lower Upper
 77 100
 123 42.7 33.0 49.4
 65 14.2 11.2 16.8





#25

Isophorone

Concen: 40.13 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

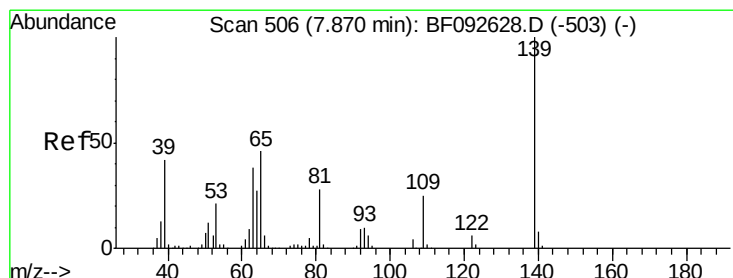
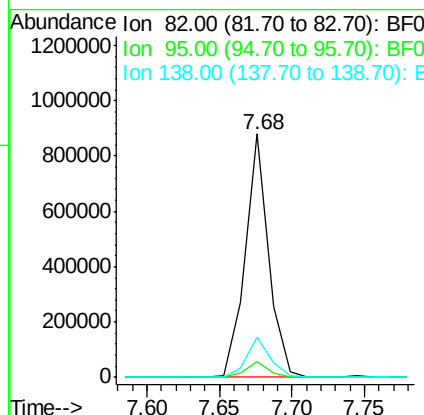
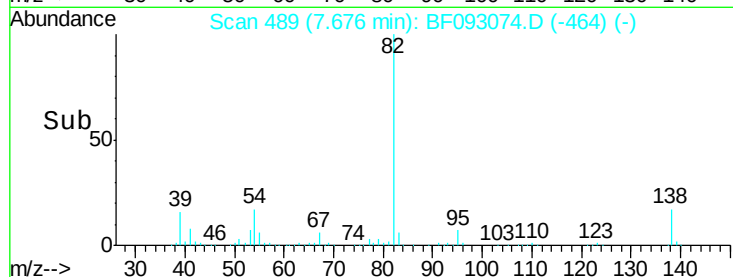
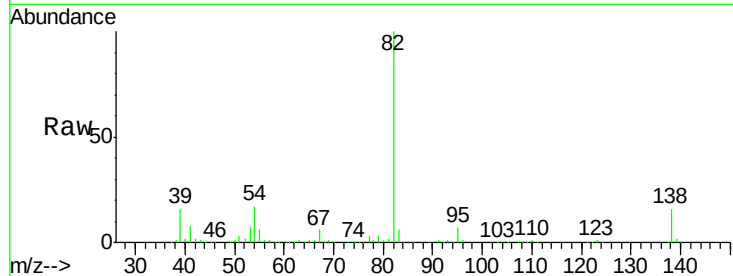
Tgt Ion: 82 Resp: 986157

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.5 14.6 22.0



#26

2-Nitrophenol

Concen: 42.25 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

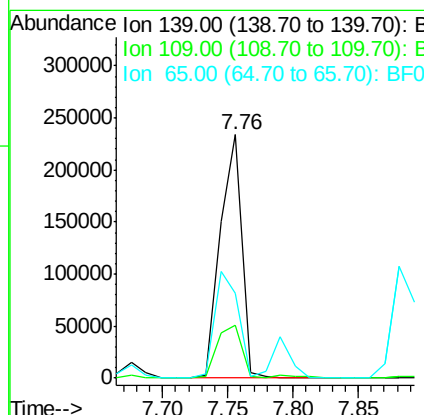
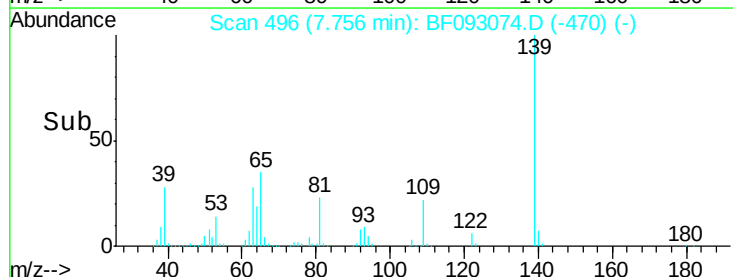
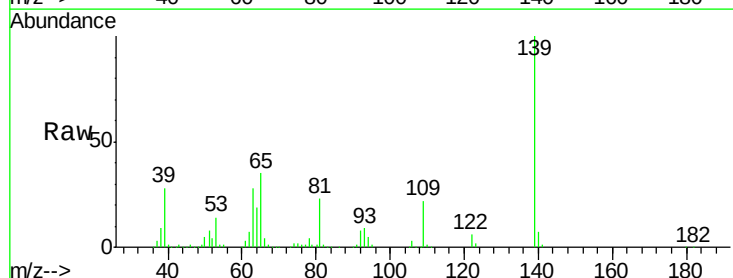
Tgt Ion: 139 Resp: 271993

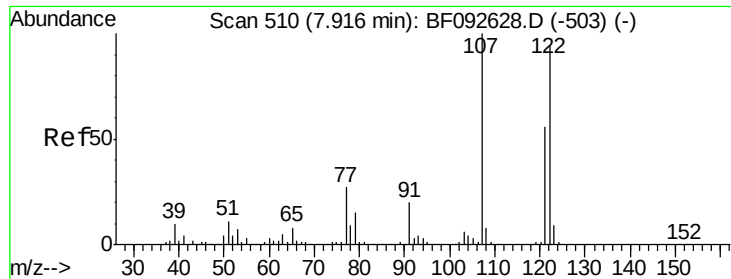
Ion Ratio Lower Upper

139 100

109 21.6 23.3 34.9#

65 35.0 42.7 64.1#

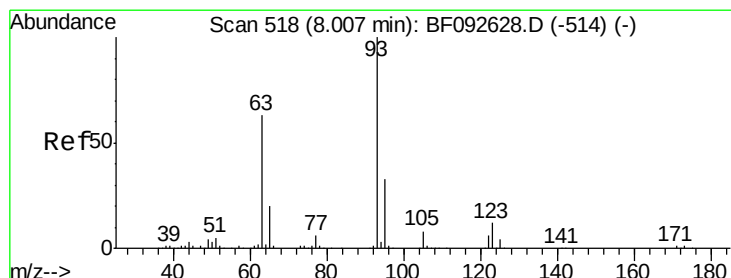
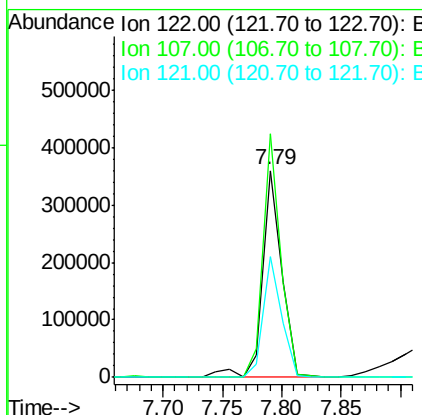
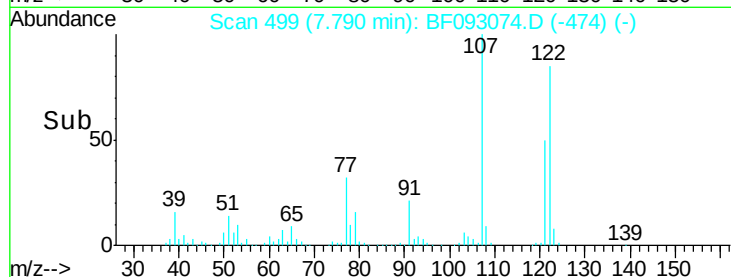
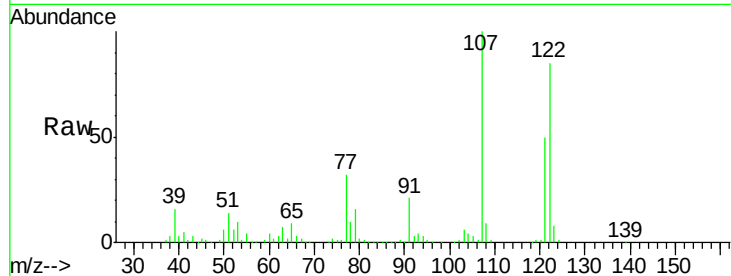




#27
 2,4-Dimethylphenol
 Concen: 36.34 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

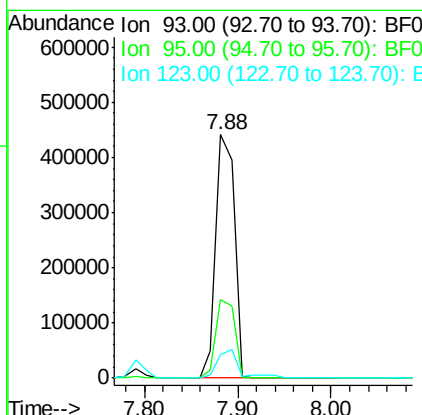
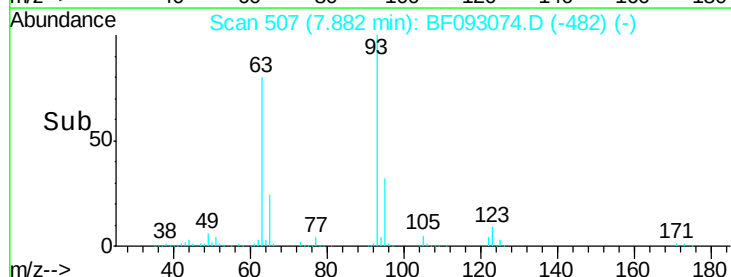
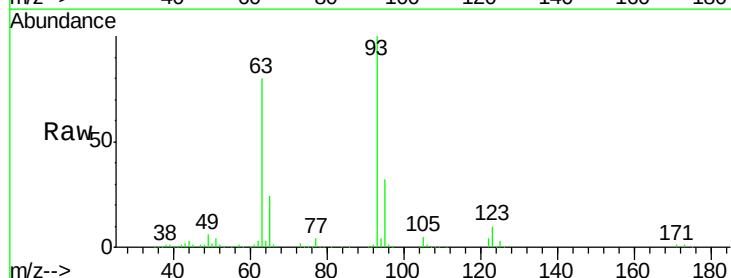
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

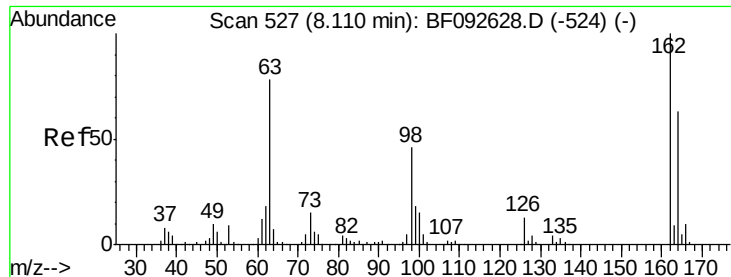
Tgt Ion: 122 Resp: 410841
 Ion Ratio Lower Upper
 122 100
 107 117.7 94.1 141.1
 121 58.3 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.70 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion: 93 Resp: 613665
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 9.7 8.6 13.0

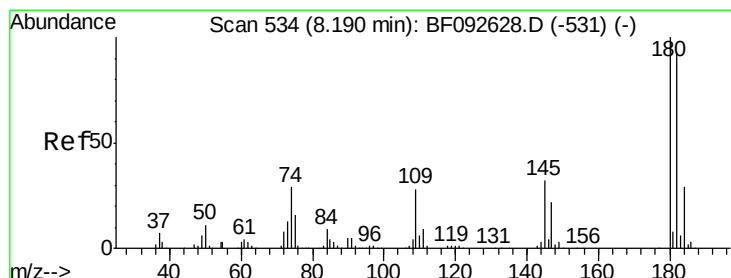
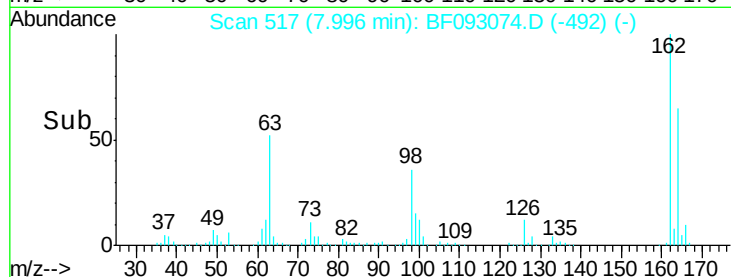
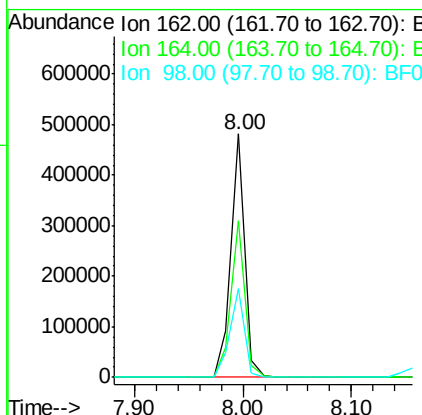
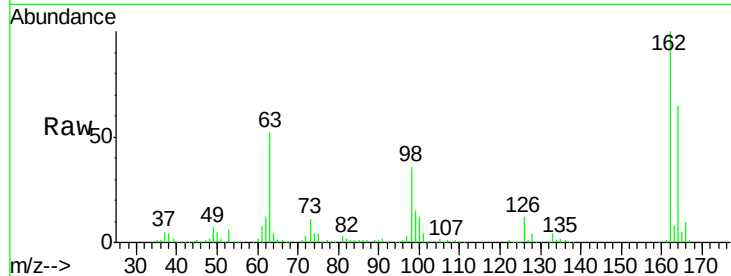




#29
2,4-Dichlorophenol
Concen: 40.21 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

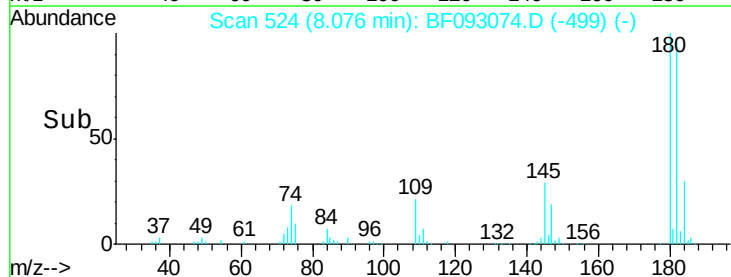
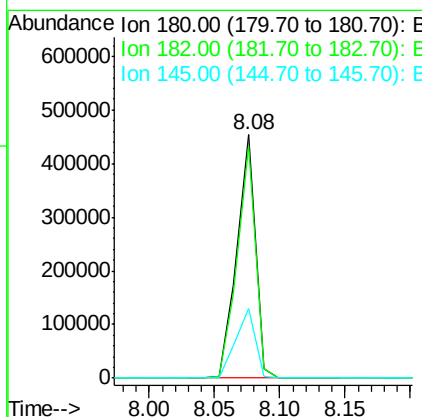
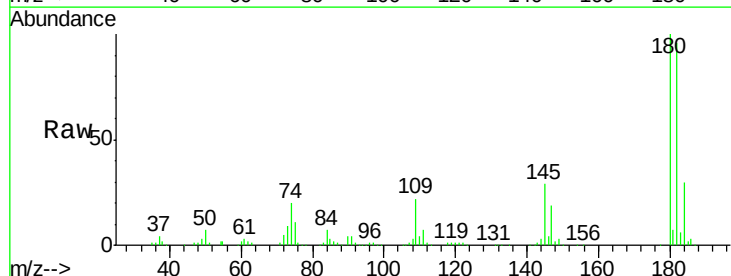
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

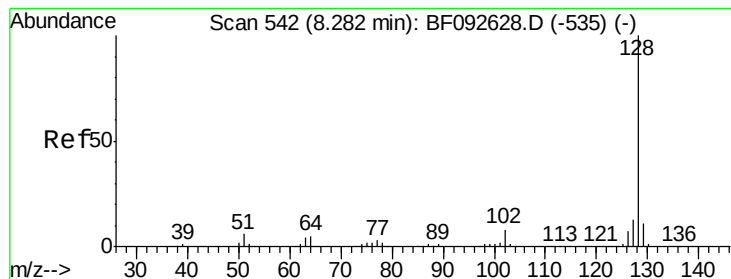
Tgt Ion:162 Resp: 423949
Ion Ratio Lower Upper
162 100
164 64.5 46.8 86.8
98 36.4 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 39.14 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:180 Resp: 444779
Ion Ratio Lower Upper
180 100
182 95.5 78.2 117.4
145 28.7 21.6 32.4





#31

Naphthalene

Concen: 39.03 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

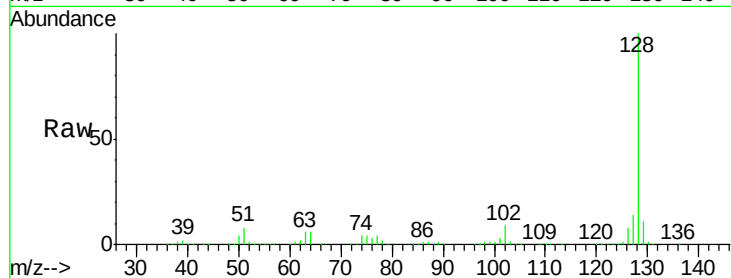
Tgt Ion:128 Resp: 1453137

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

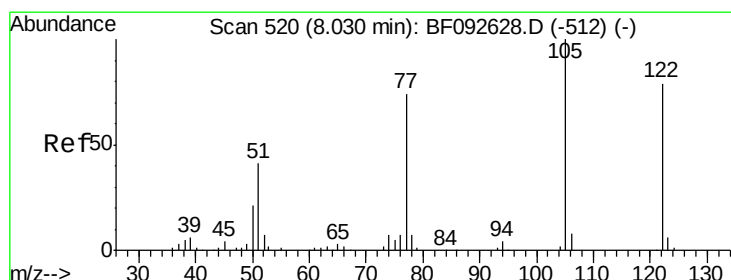
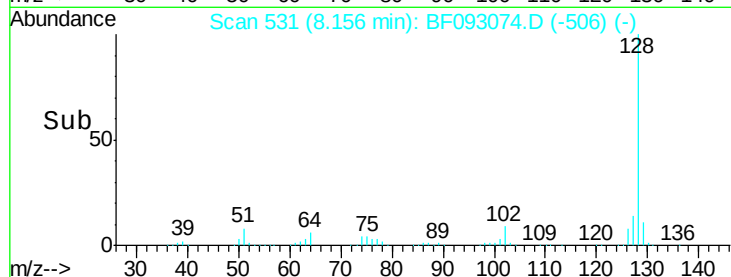
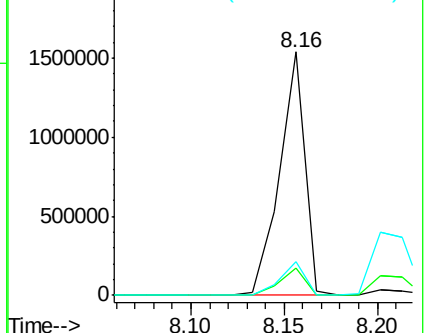
127 14.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.88 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

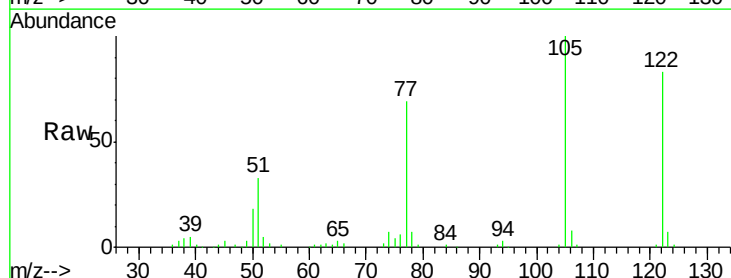
Tgt Ion:122 Resp: 231235

Ion Ratio Lower Upper

122 100

105 120.9 107.2 147.2

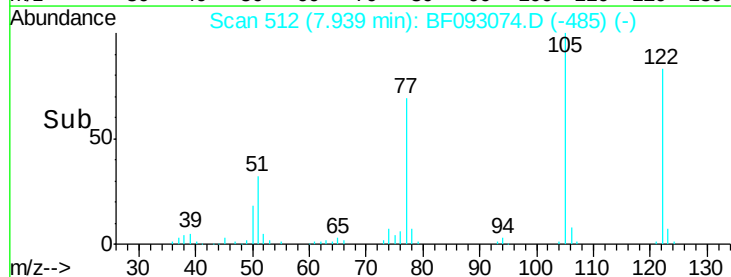
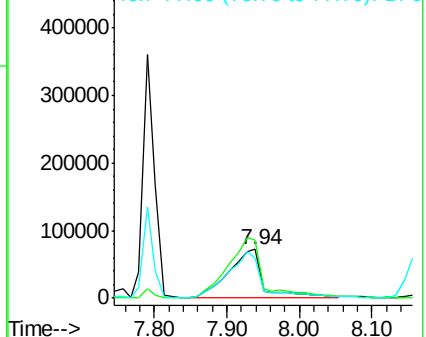
77 83.3 74.5 114.5

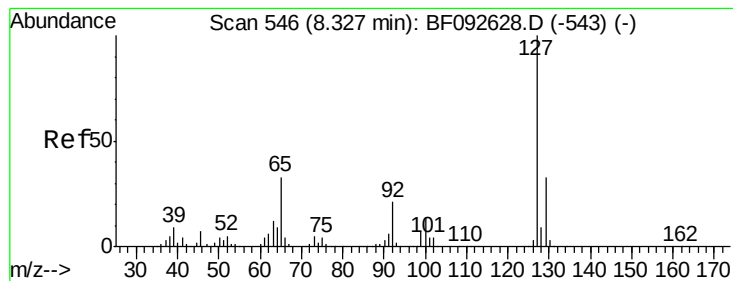


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.15 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

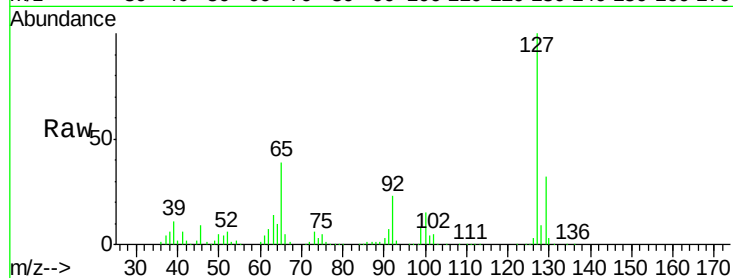
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	557062
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	39.3	25.8	38.8#
92	23.2	16.1	24.1

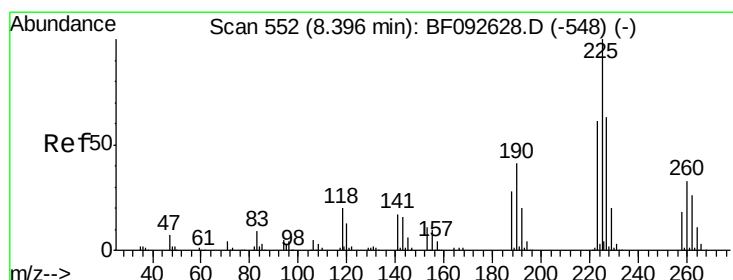
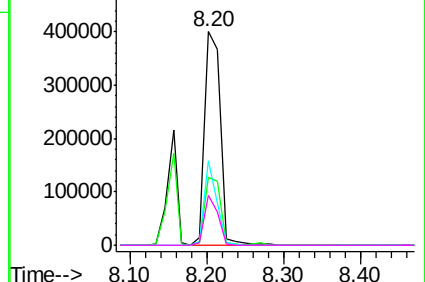
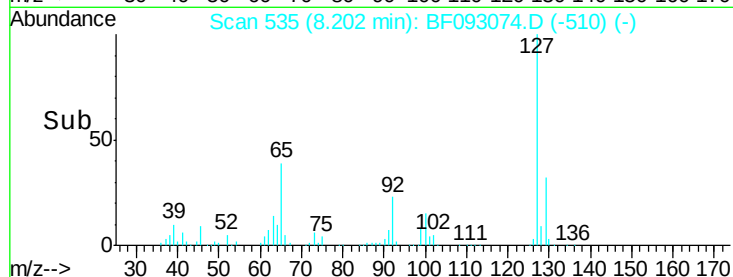


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.08 ng

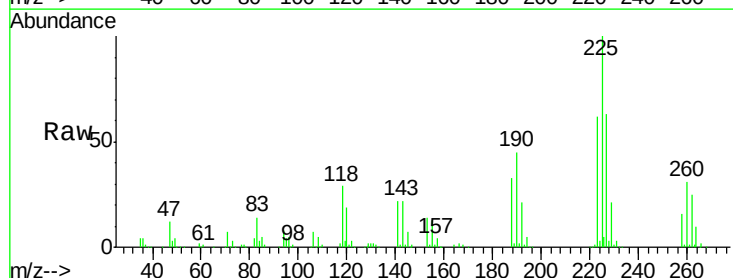
RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

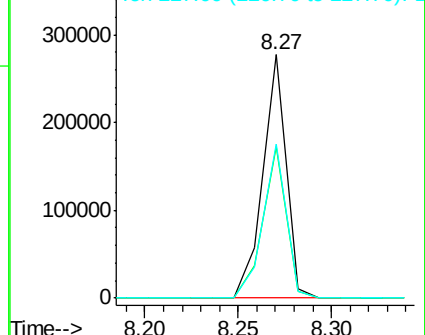
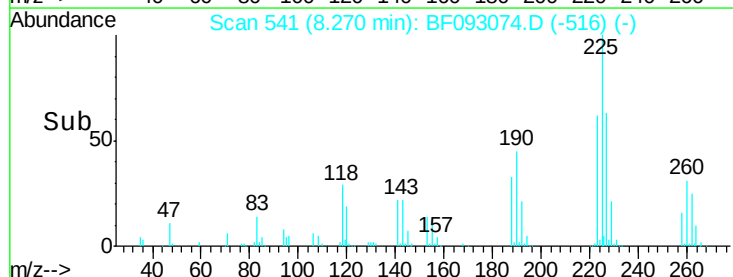
Tgt Ion:	225	Resp:	238027
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.2	50.6	76.0

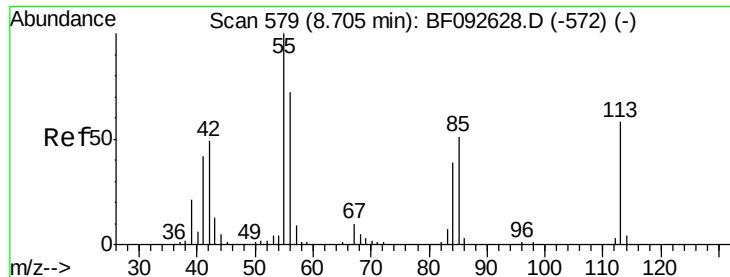


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

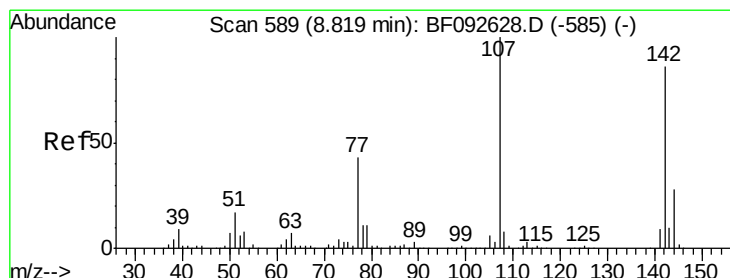
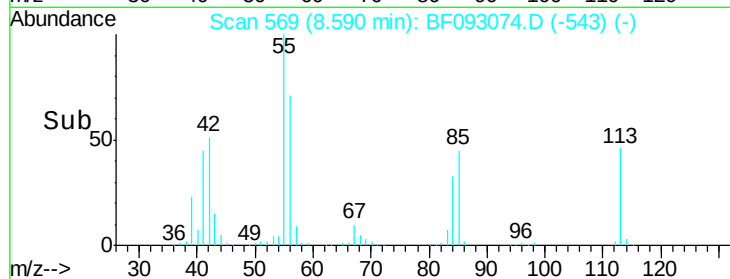
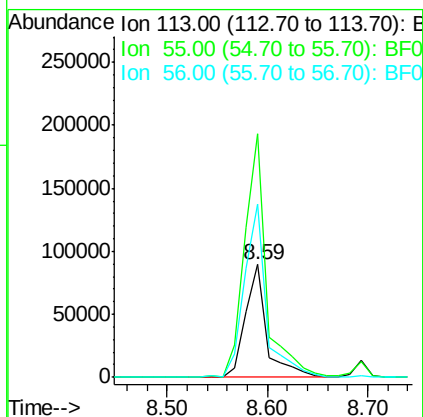
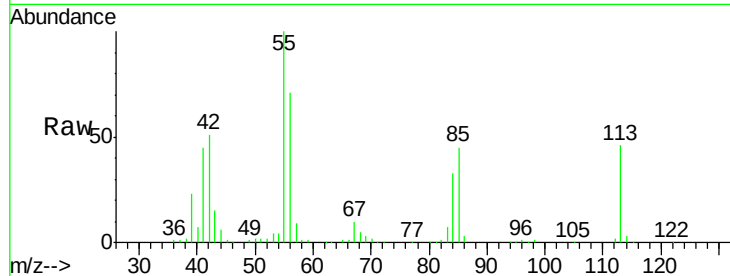




#35
 Caprolactam
 Concen: 39.56 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

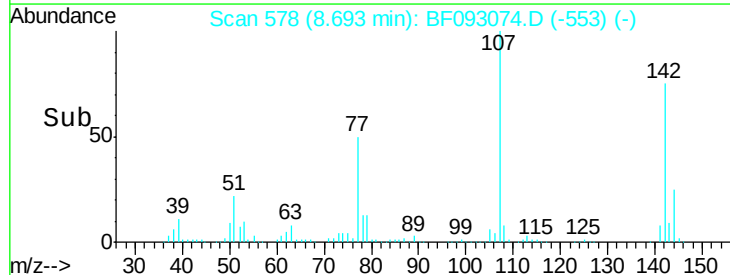
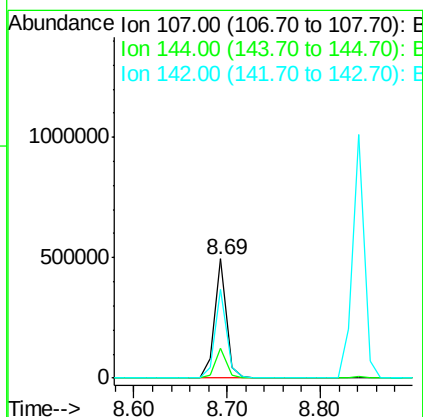
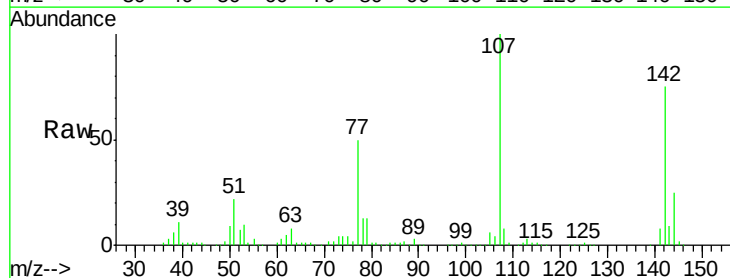
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

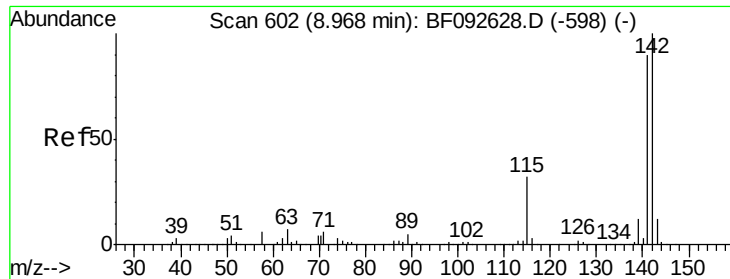
Tgt Ion:113 Resp: 131203
 Ion Ratio Lower Upper
 113 100
 55 216.5 119.2 159.2#
 56 154.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.13 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion:107 Resp: 430158
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.3 28.9
 142 75.0 59.0 88.6

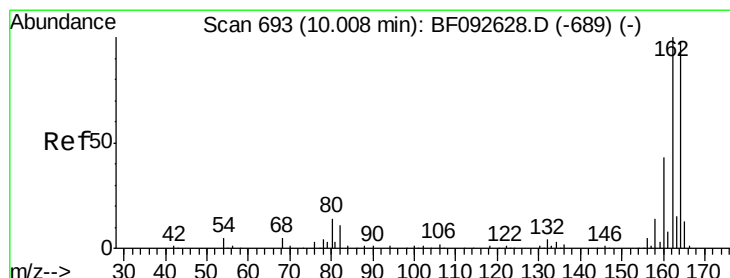
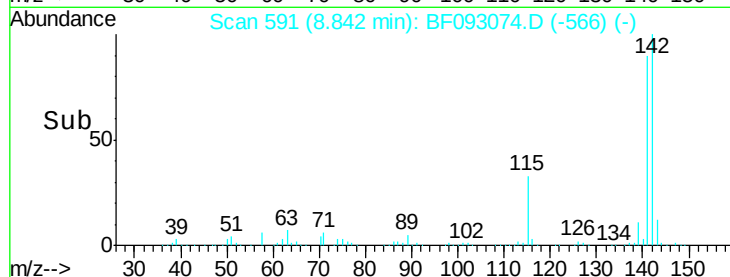
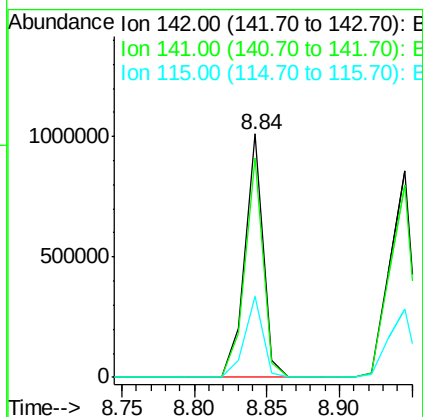
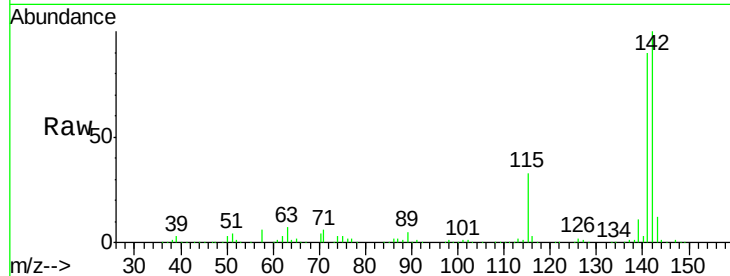




#37
2-Methylnaphthalene
Concen: 37.10 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

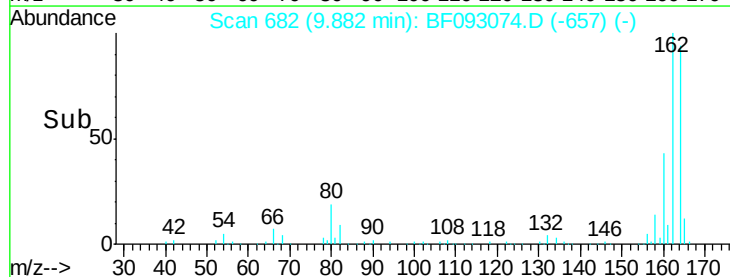
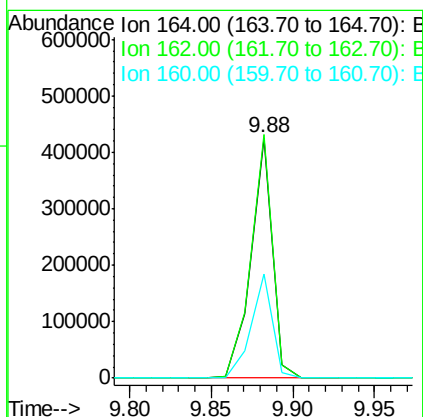
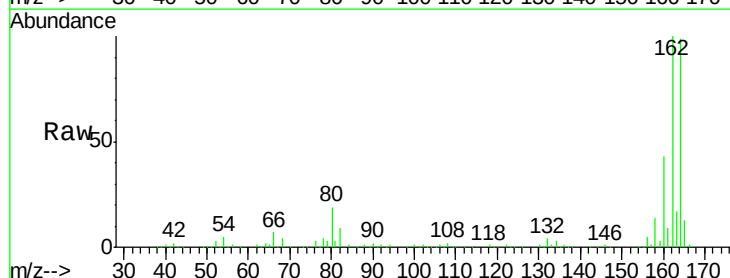
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

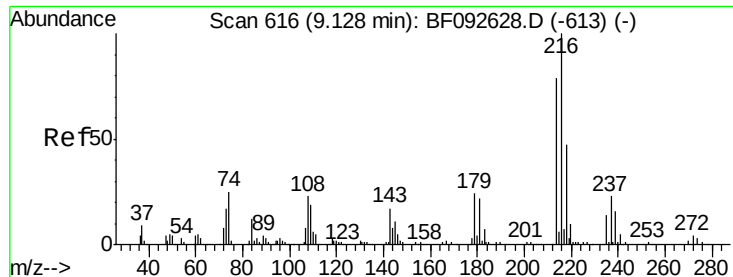
Tgt Ion:142 Resp: 886881
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 33.2 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:164 Resp: 387461
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 43.1 36.9 55.3

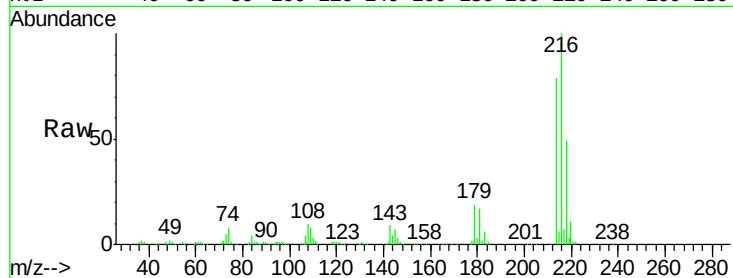




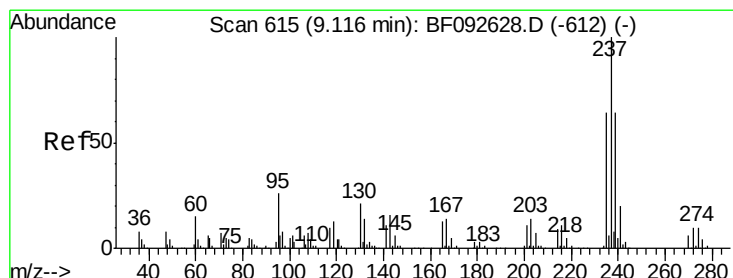
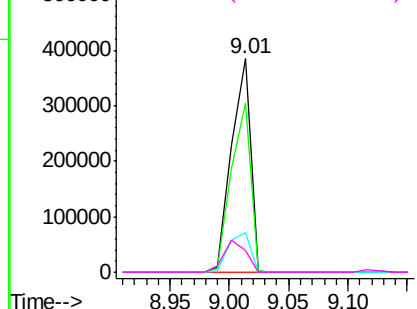
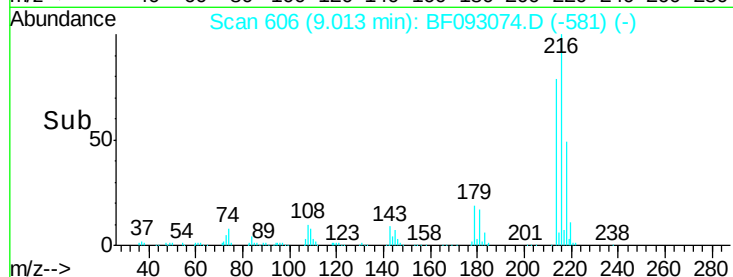
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.57 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	430410
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.0
179	21.3	17.4	26.2
108	18.1	15.6	23.4

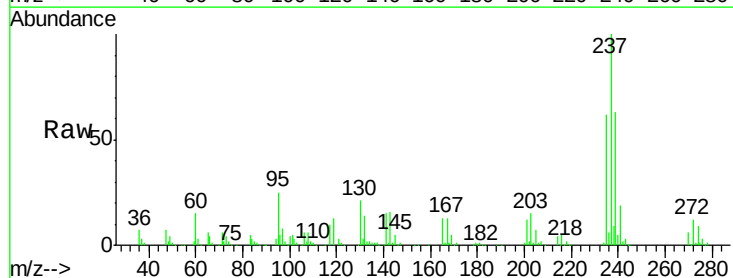


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

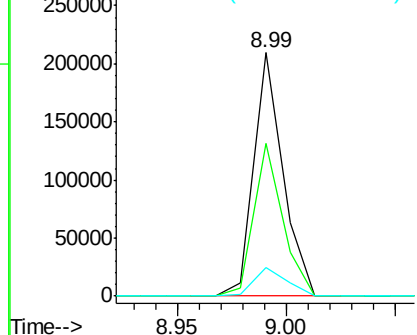
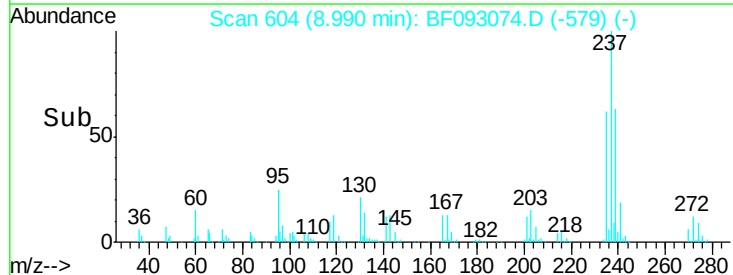


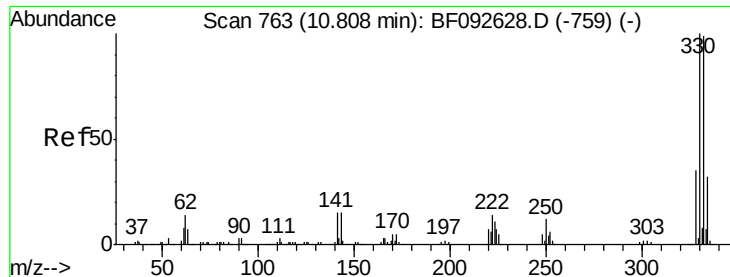
#40
 Hexachlorocyclopentadiene
 Concen: 39.65 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion:	237	Resp:	194591
Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.2	81.2
272	11.5	0.0	35.4



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

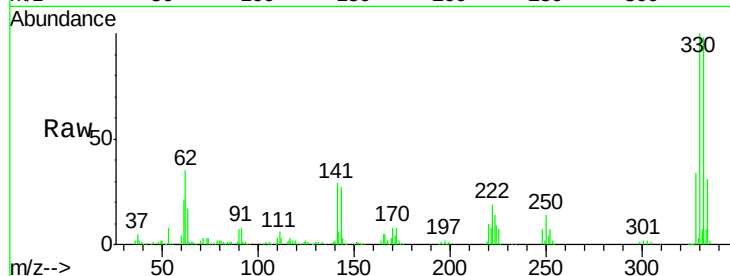




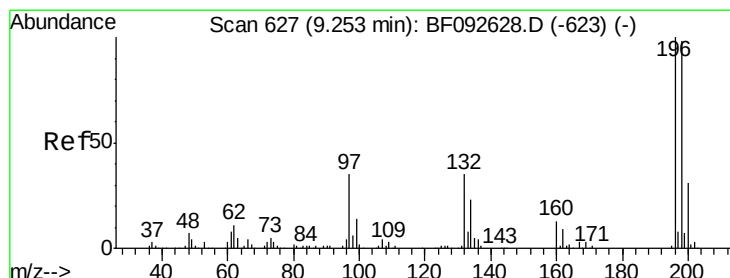
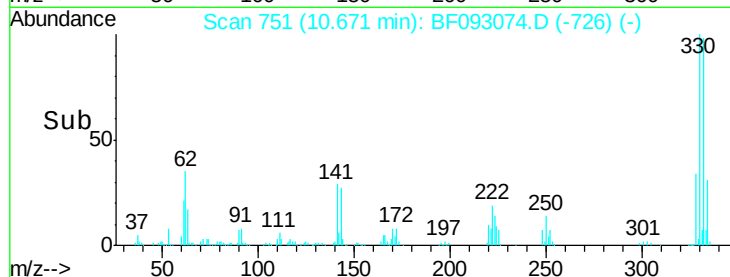
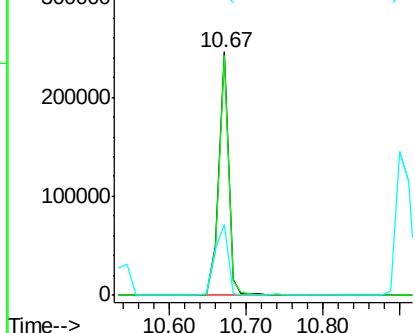
#41
 2,4,6-Tribromophenol
 Concen: 78.27 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 219351
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 38.6 34.1 51.1

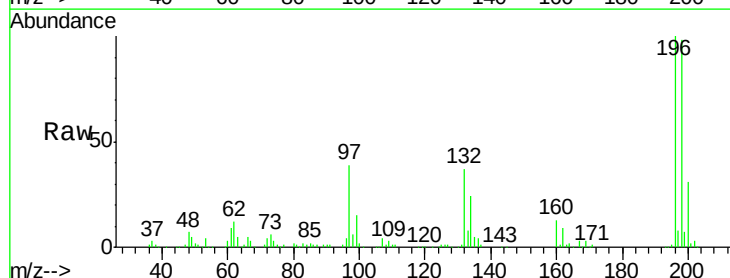


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

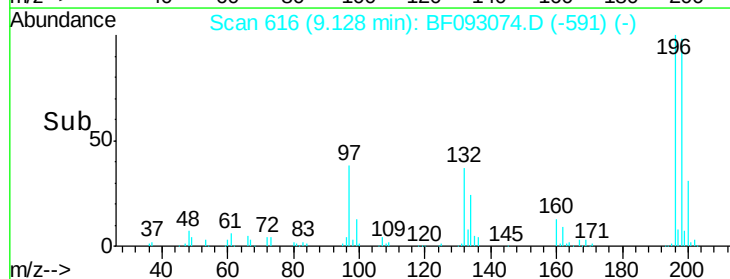
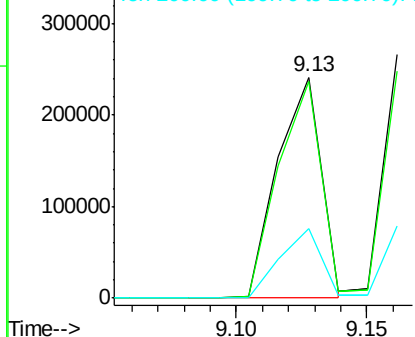


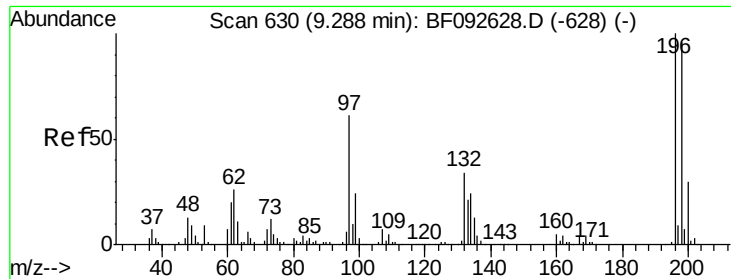
#42
 2,4,6-Trichlorophenol
 Concen: 38.88 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion:196 Resp: 277841
 Ion Ratio Lower Upper
 196 100
 198 98.1 82.1 123.1
 200 31.3 27.0 40.4



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

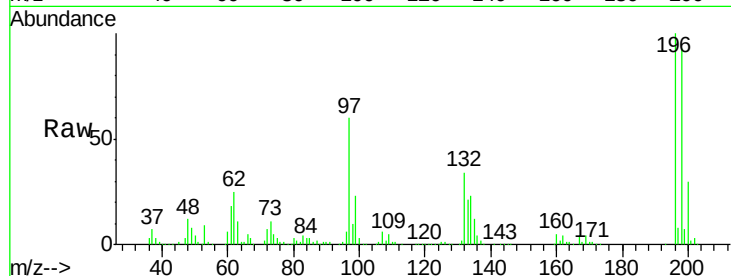




#43
 2,4,5-Trichlorophenol
 Concen: 37.51 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	79.4	119.2
97	59.6	51.5	77.3
132	33.9	27.4	41.2



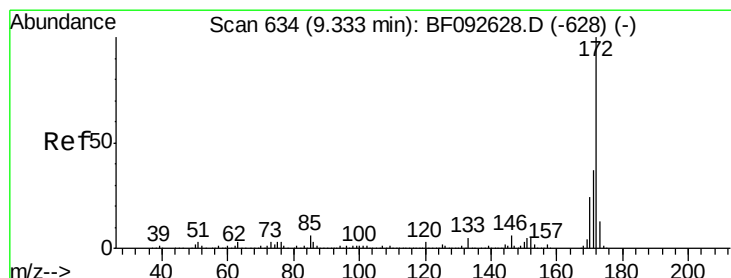
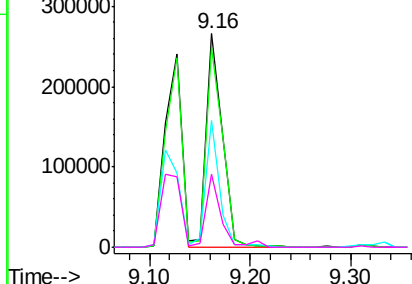
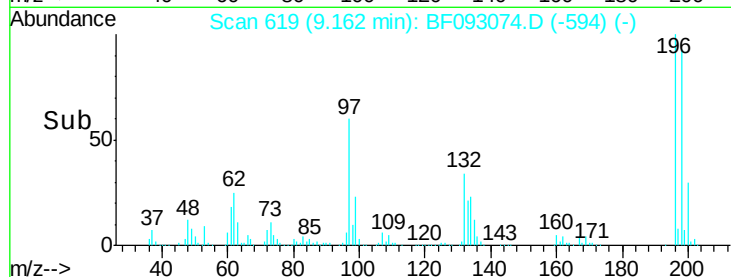
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

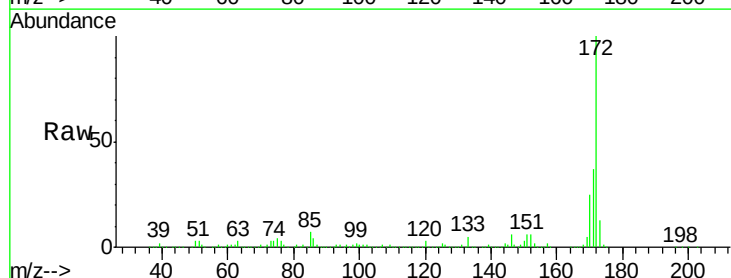
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.45 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.5	20.2	30.4

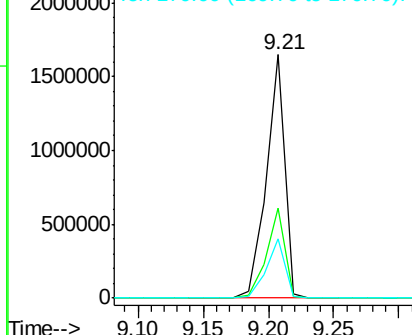
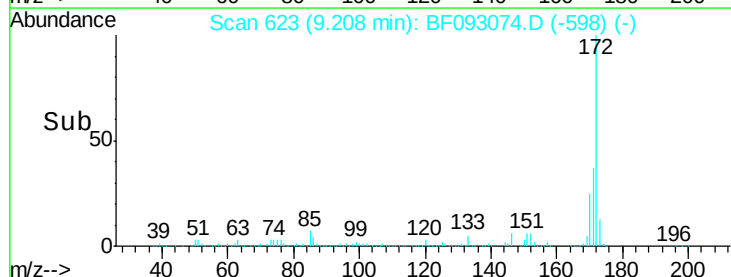


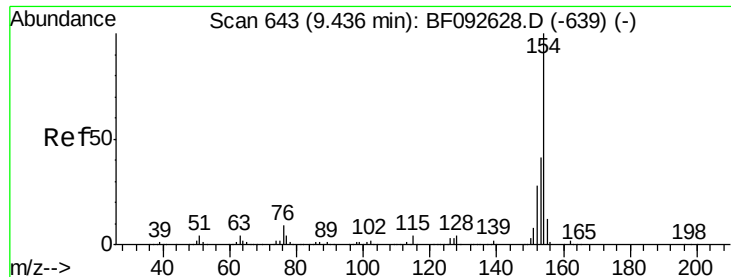
Abundance

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

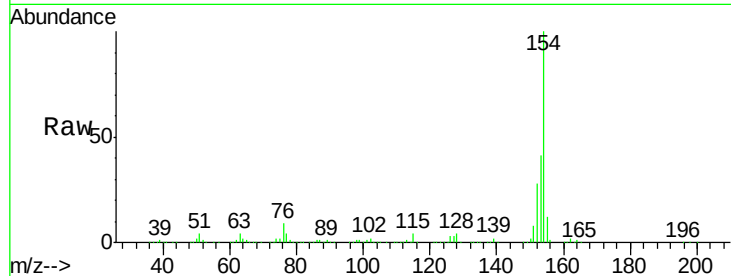




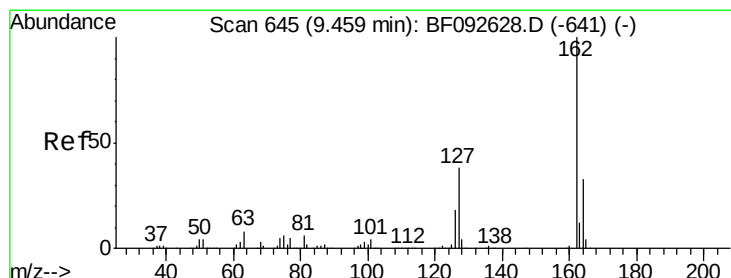
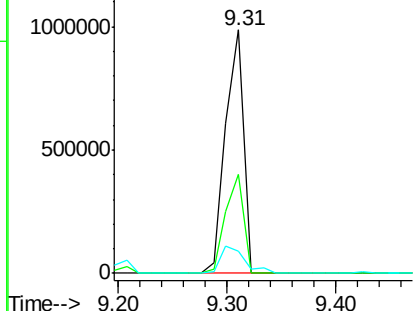
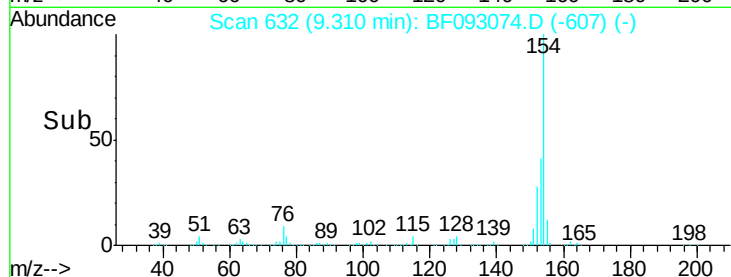
#45
 1,1'-Biphenyl
 Concen: 40.22 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1128396
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 9.0 0.0 30.5

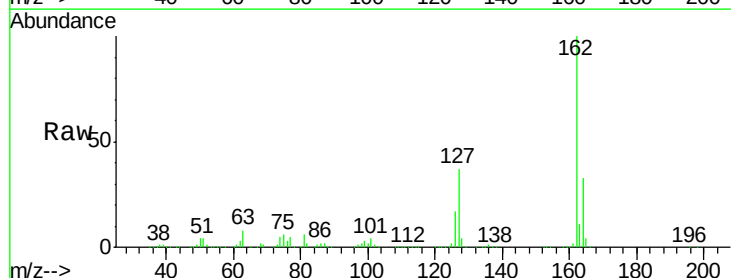


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

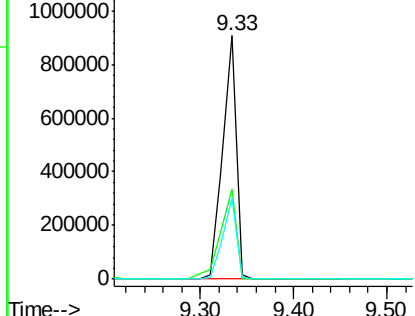
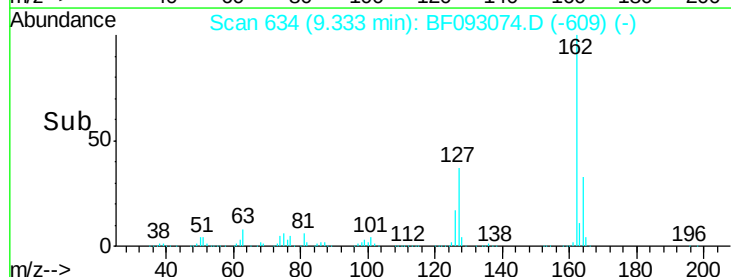


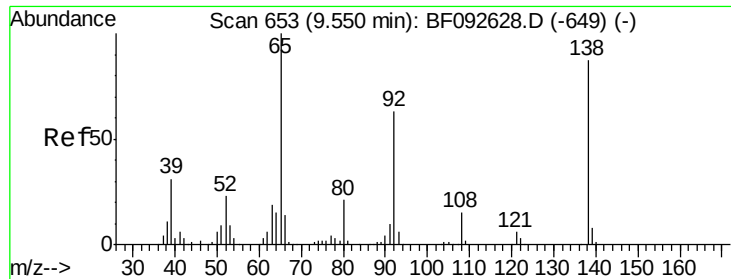
#46
 2-Chloronaphthalene
 Concen: 41.67 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion:162 Resp: 914510
 Ion Ratio Lower Upper
 162 100
 127 37.2 30.7 46.1
 164 33.4 27.6 41.4



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

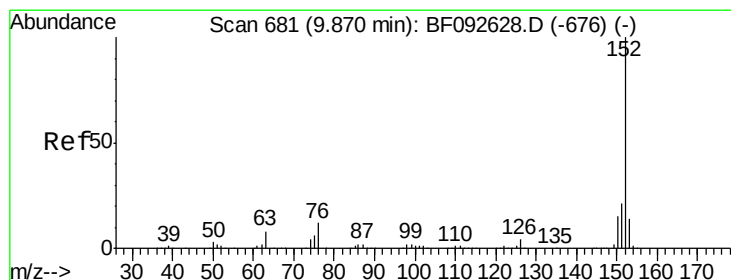
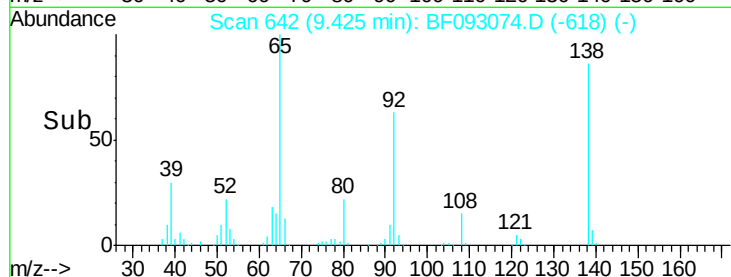
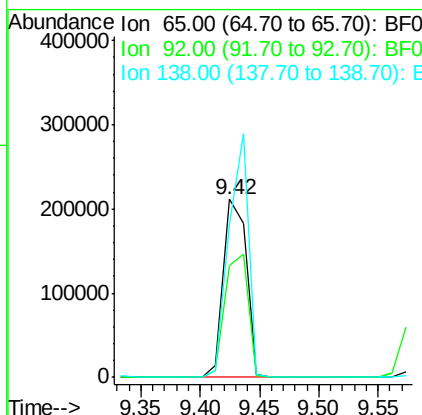
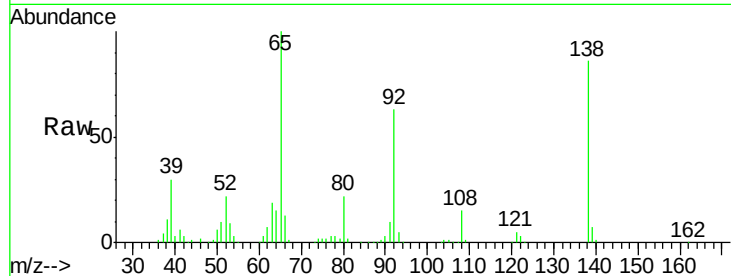




#47
2-Nitroaniline
Concen: 38.54 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

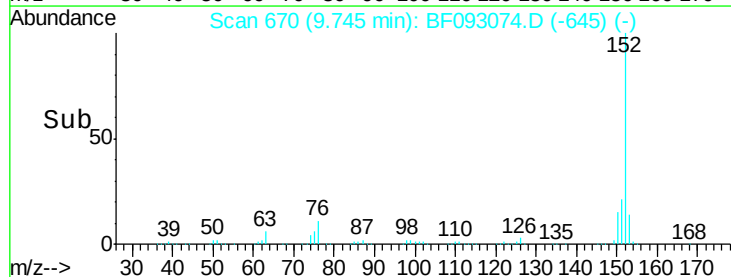
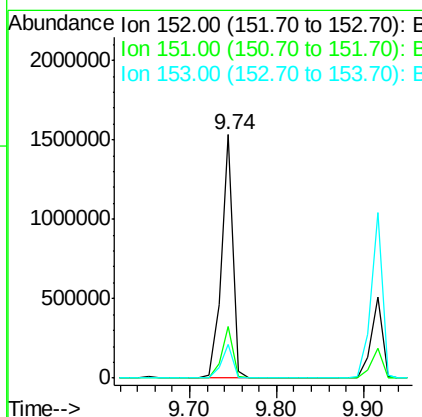
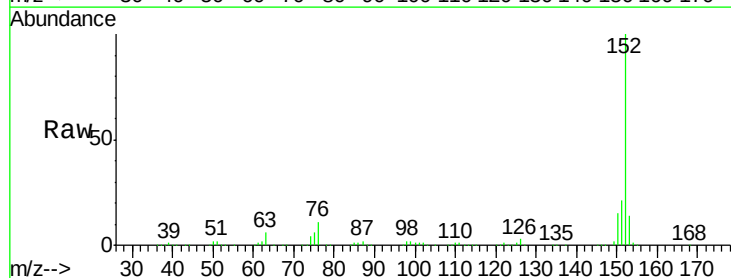
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

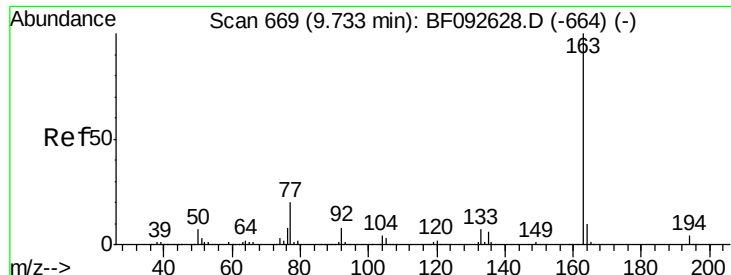
Tgt Ion: 65 Resp: 284398
Ion Ratio Lower Upper
65 100
92 62.9 53.9 80.9
138 85.8 76.8 115.2



#48
Acenaphthylene
Concen: 37.36 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion: 152 Resp: 1416370
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 13.6 11.4 17.2

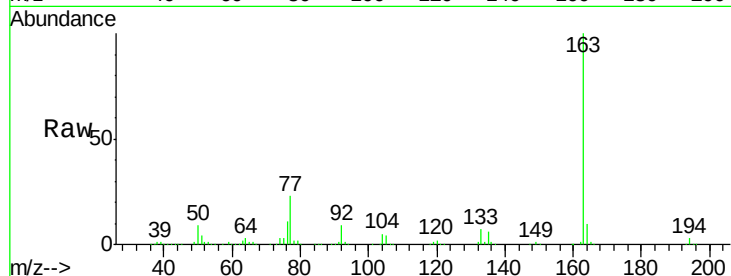




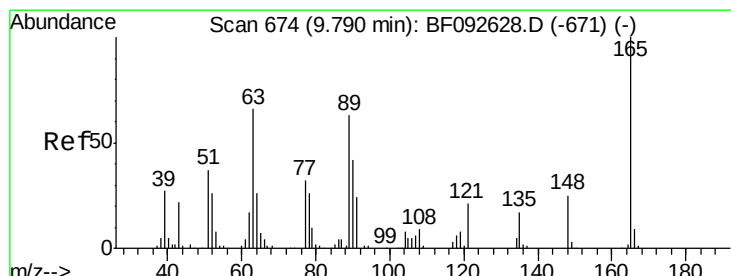
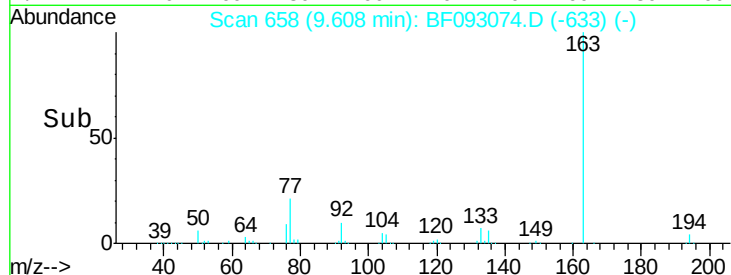
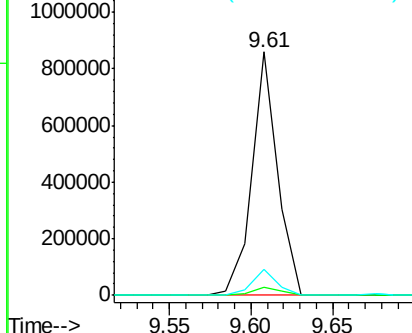
#49
Dimethylphthalate
Concen: 35.88 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 936410
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 8.0 12.0

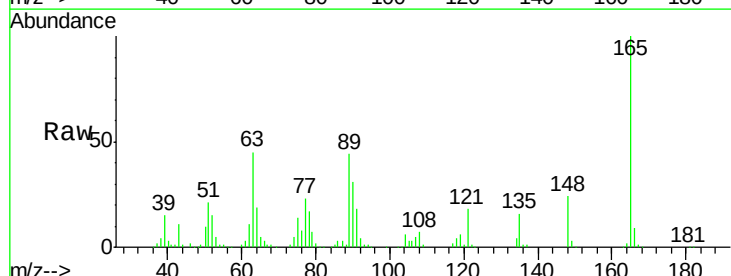


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

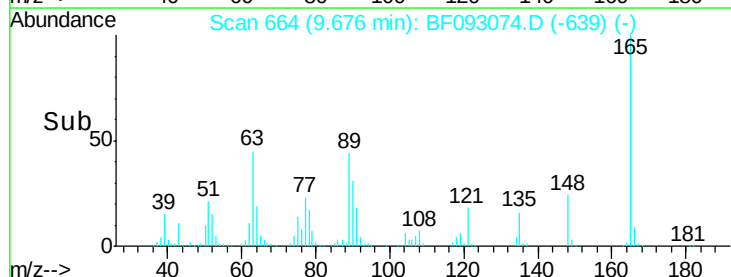
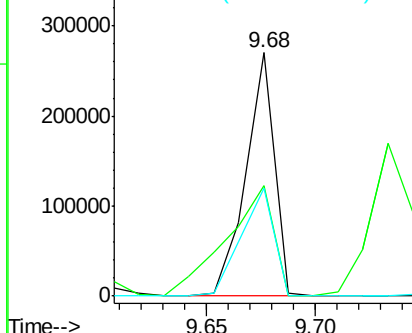


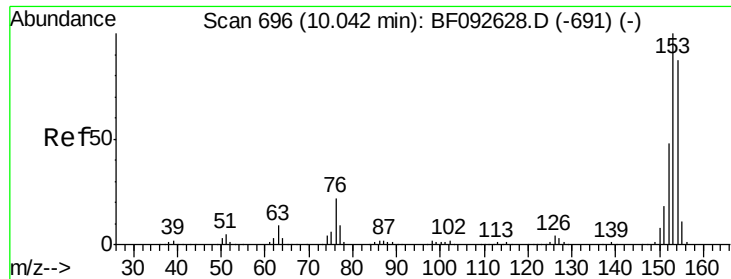
#50
2,6-Dinitrotoluene
Concen: 43.56 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:165 Resp: 245533
Ion Ratio Lower Upper
165 100
63 45.1 36.2 54.4
89 44.3 40.2 60.4



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: 36.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

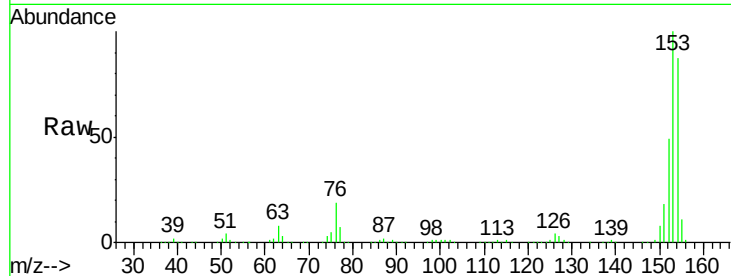
Tgt Ion:154 Resp: 815986

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

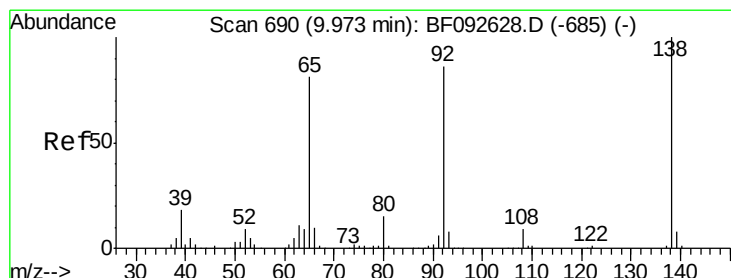
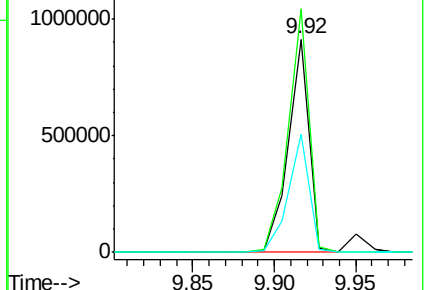
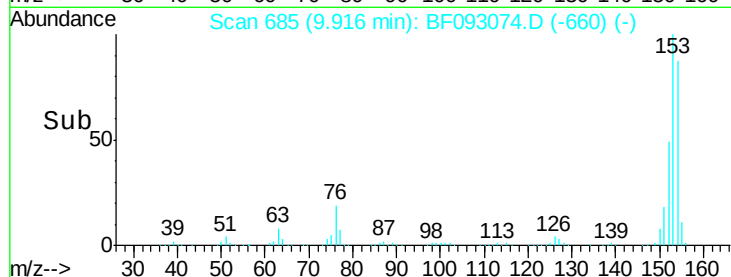
152 55.5 41.6 62.4



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: 43.91 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

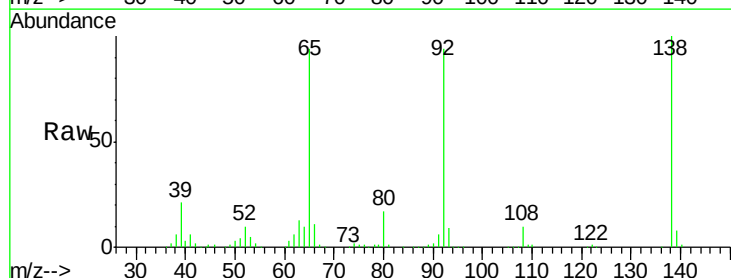
Tgt Ion:138 Resp: 283244

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

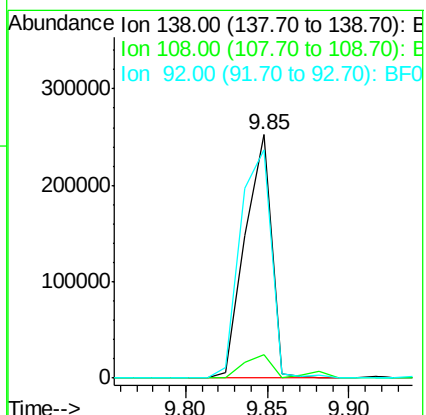
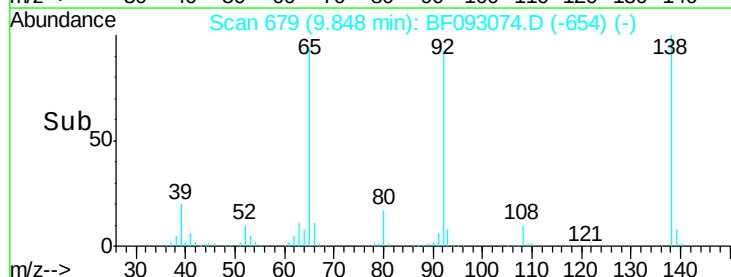
92 93.8 97.8 146.8#

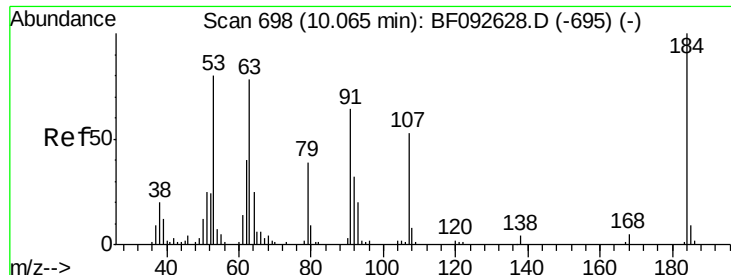


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

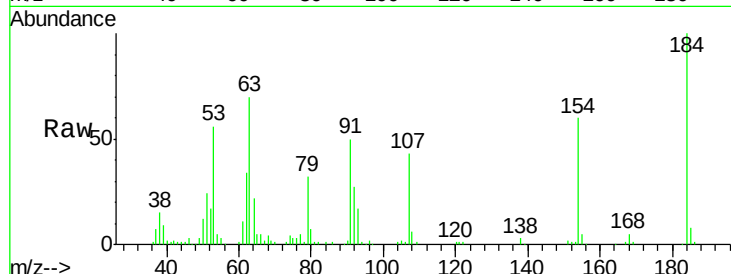




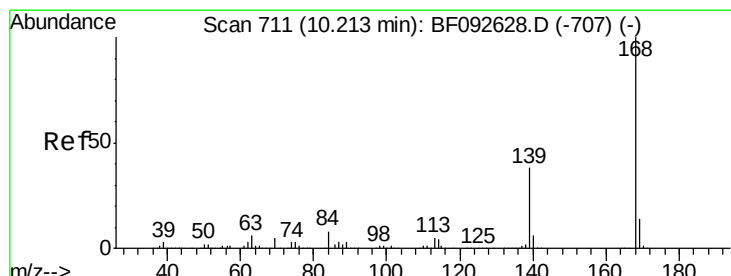
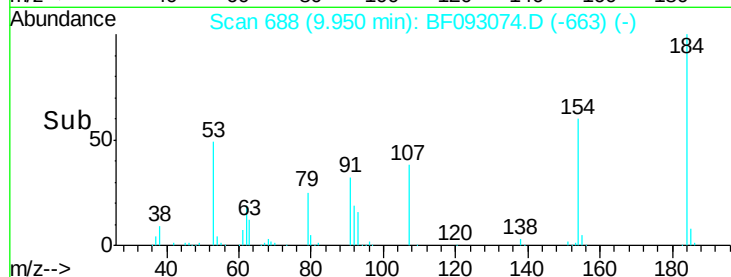
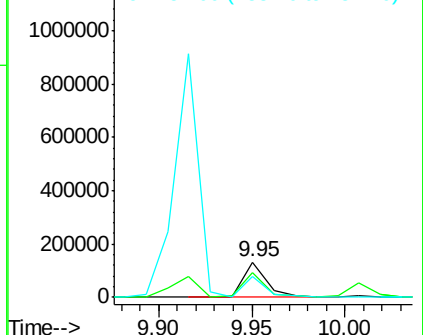
#53
2,4-Dinitrophenol
Concen: 43.61 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 118469
Ion Ratio Lower Upper
184 100
63 69.6 28.4 42.6#
154 59.8 44.3 66.5

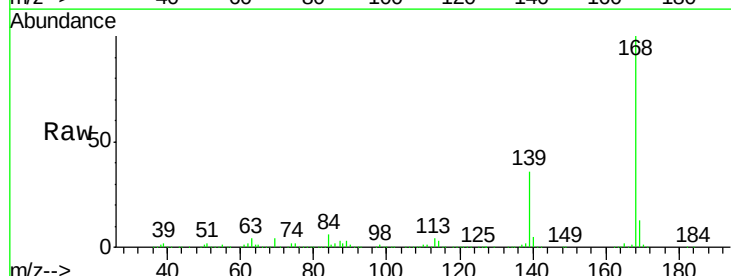


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

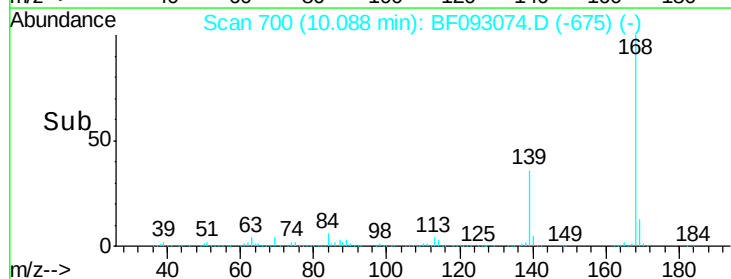
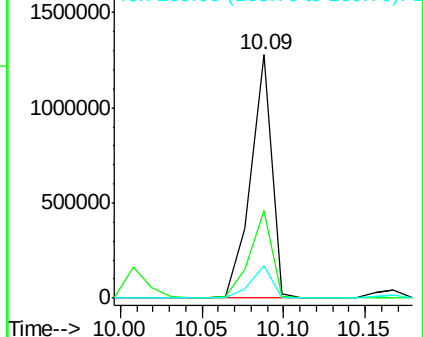


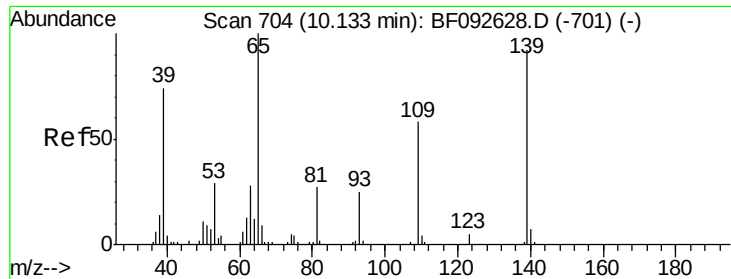
#54
Dibenzofuran
Concen: 38.03 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:168 Resp: 1153035
Ion Ratio Lower Upper
168 100
139 36.1 32.6 49.0
169 13.5 11.3 16.9



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

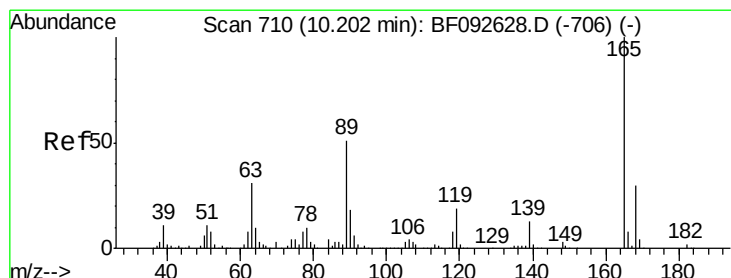
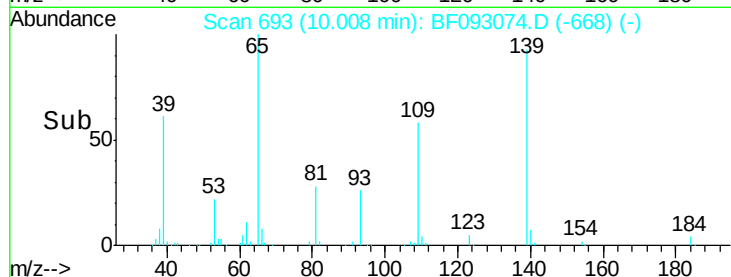
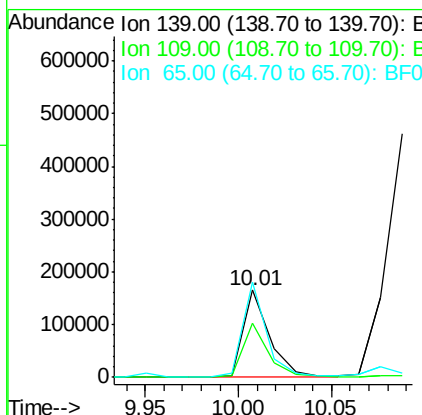
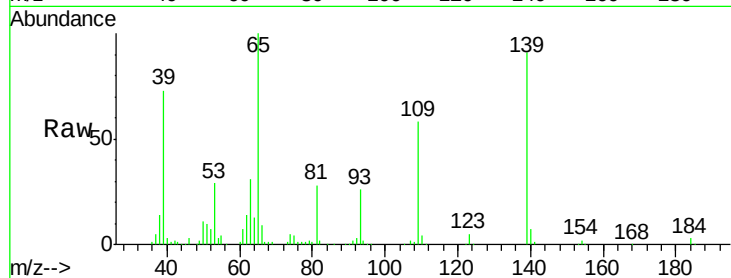




#55
4-Nitrophenol
Concen: 35.24 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

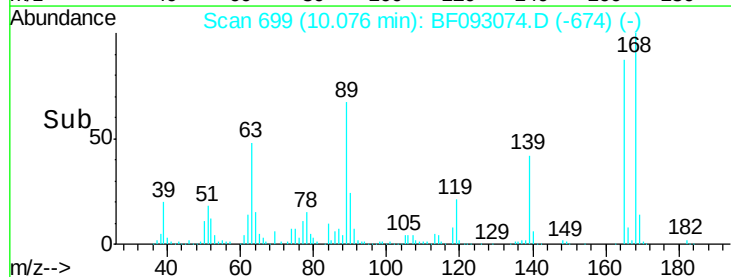
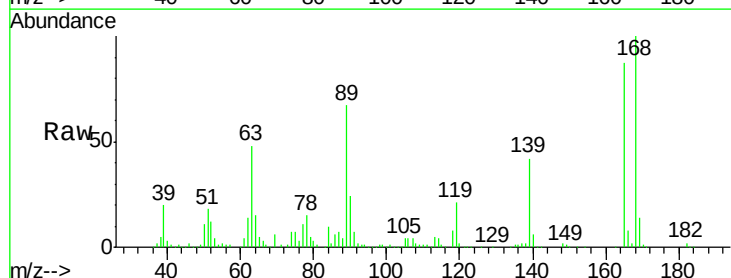
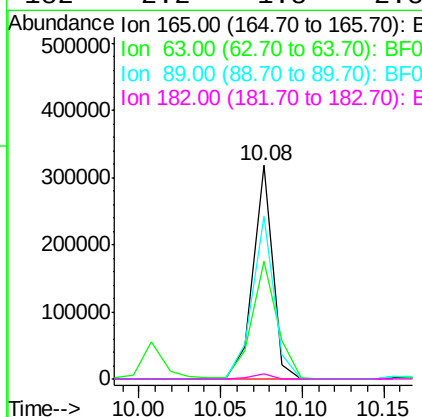
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

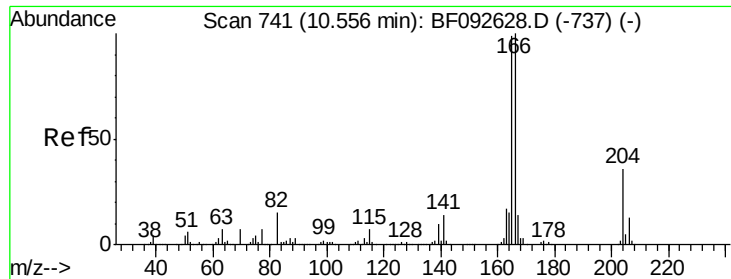
Tgt Ion:139 Resp: 163694
Ion Ratio Lower Upper
139 100
109 63.0 52.2 92.2
65 109.4 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 35.54 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:165 Resp: 266683
Ion Ratio Lower Upper
165 100
63 55.3 40.2 60.4
89 76.3 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 41.34 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

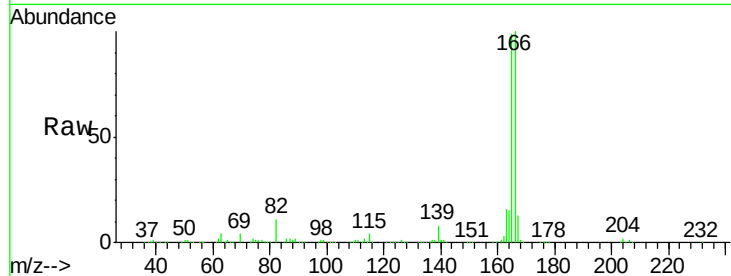
Tgt Ion:166 Resp: 964292

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

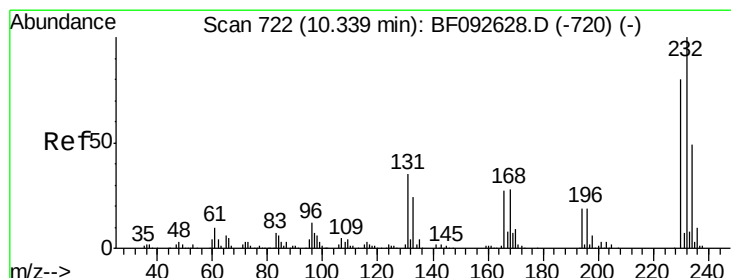
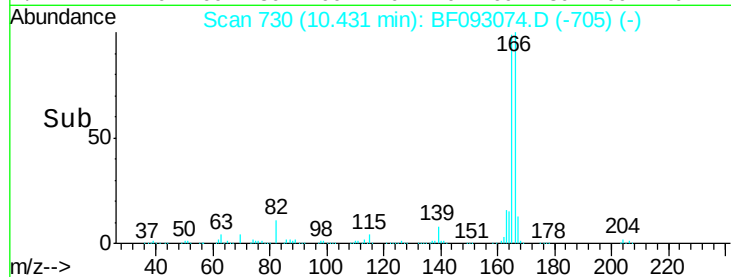
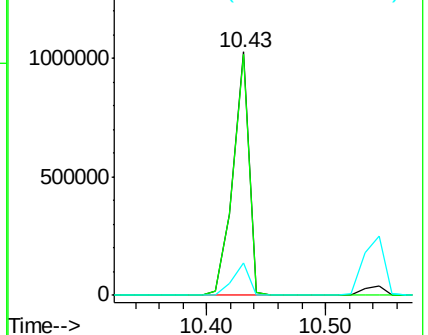
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.52 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Tgt Ion:232 Resp: 206453

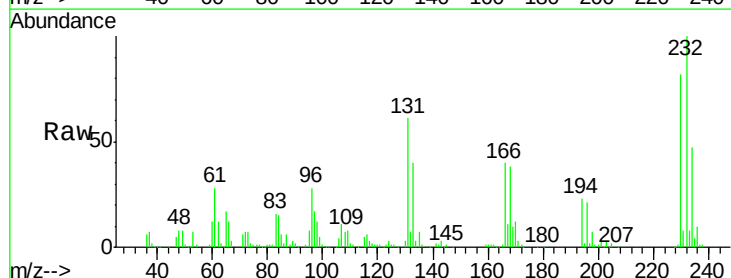
Ion Ratio Lower Upper

232 100

131 47.3 40.1 60.1

130 2.2 1.8 2.8

166 32.1 26.6 39.8

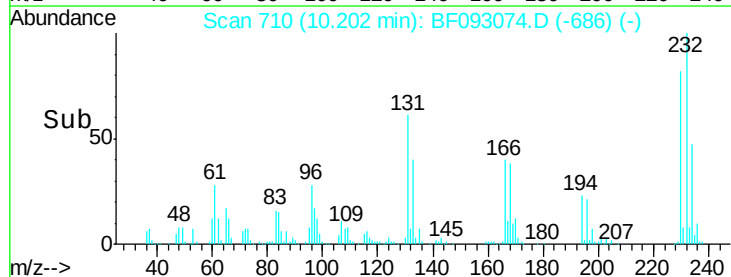
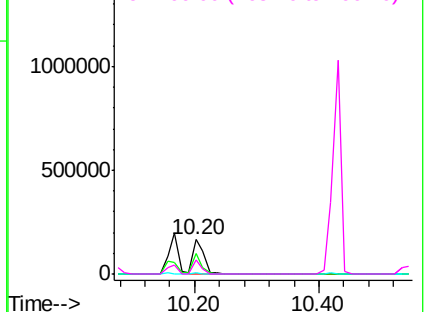


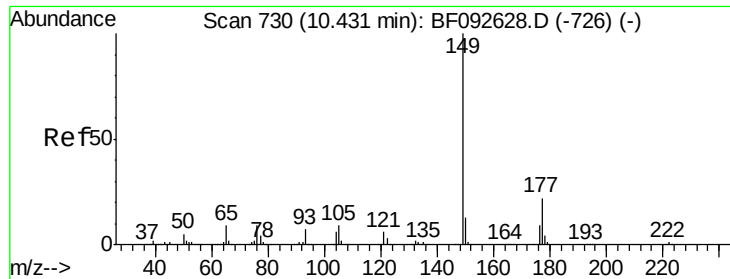
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

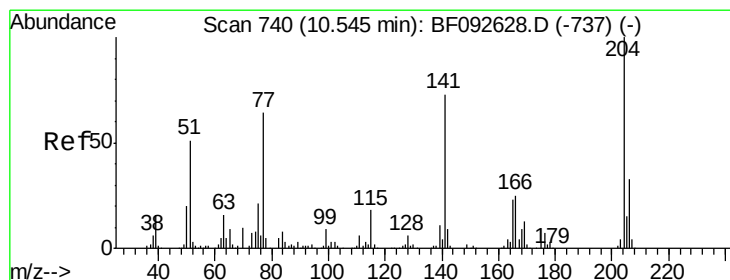
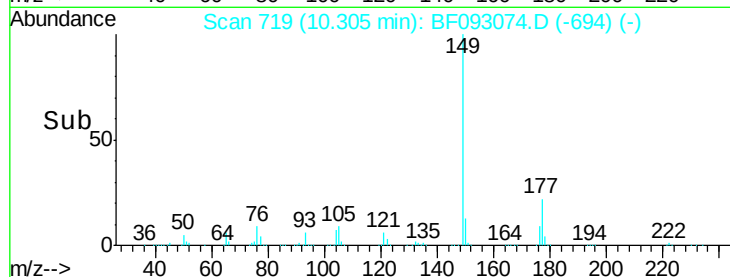
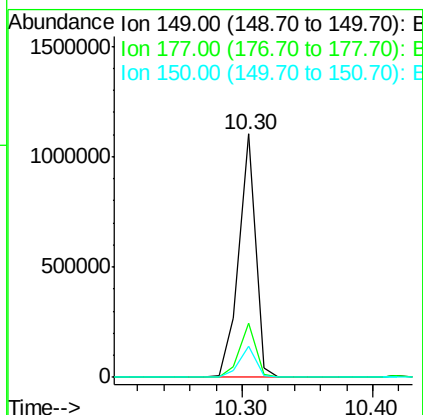
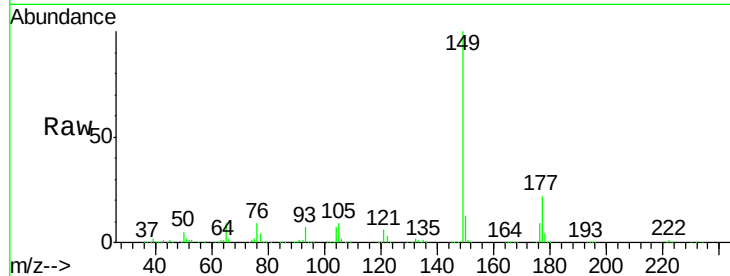




#59
Diethylphthalate
Concen: 39.63 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

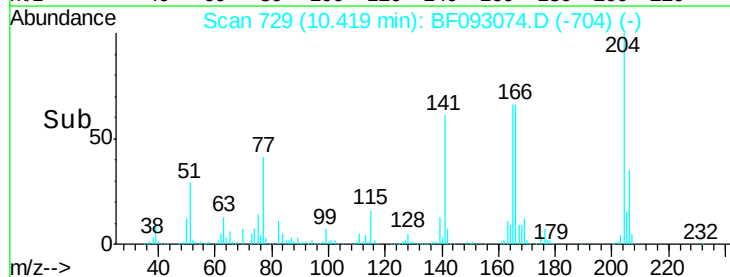
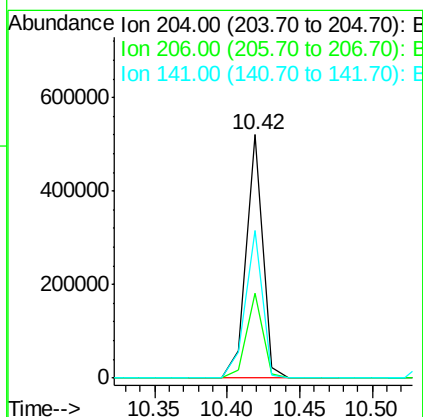
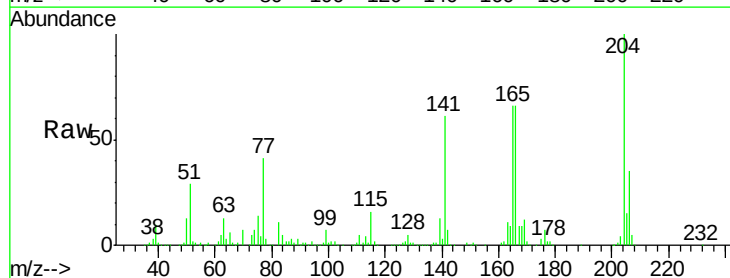
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

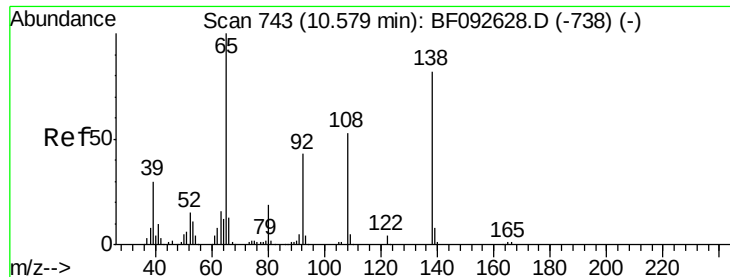
Tgt Ion:149 Resp: 974765
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 36.83 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:204 Resp: 412778
Ion Ratio Lower Upper
204 100
206 34.9 25.8 38.6
141 60.8 59.4 89.0

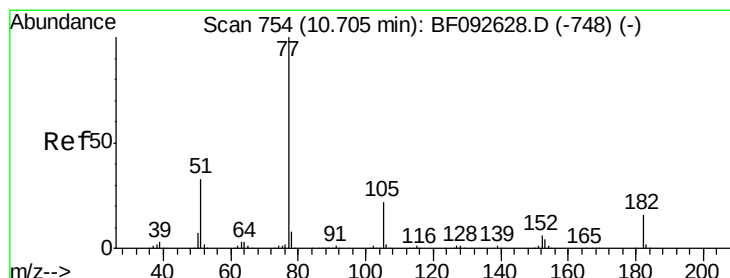
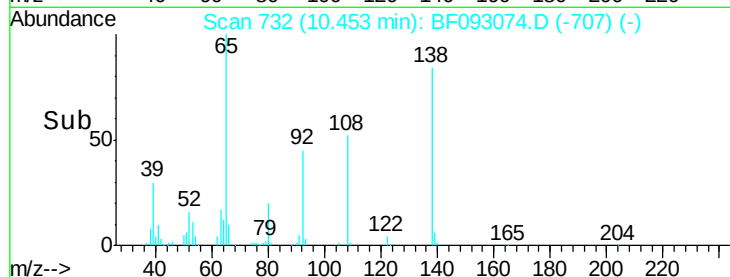
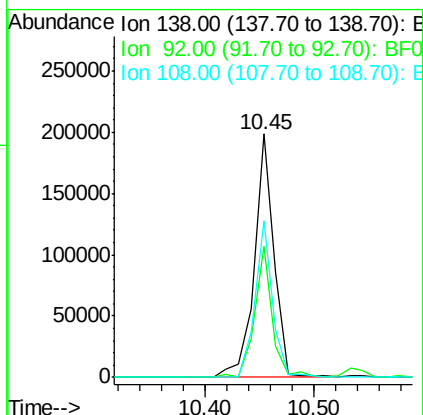
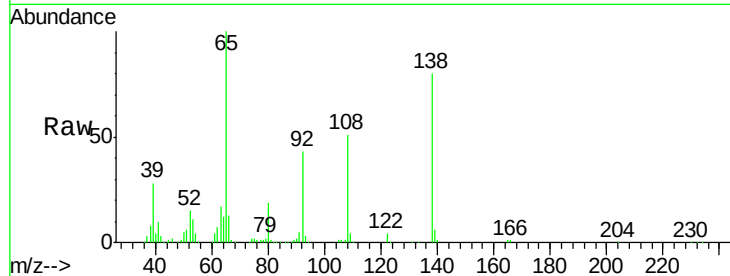




#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

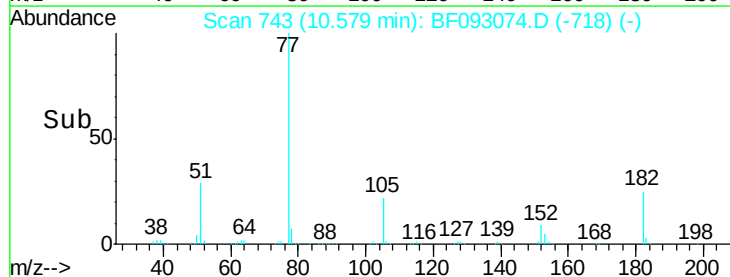
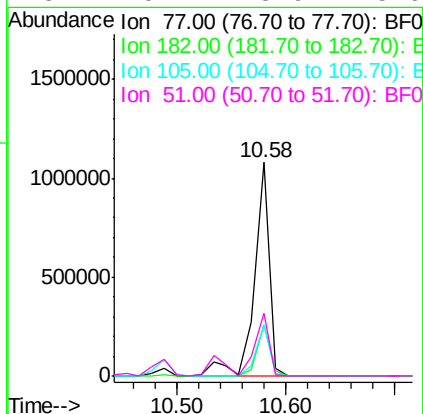
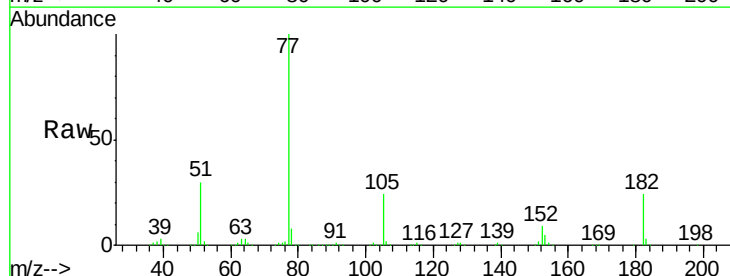
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

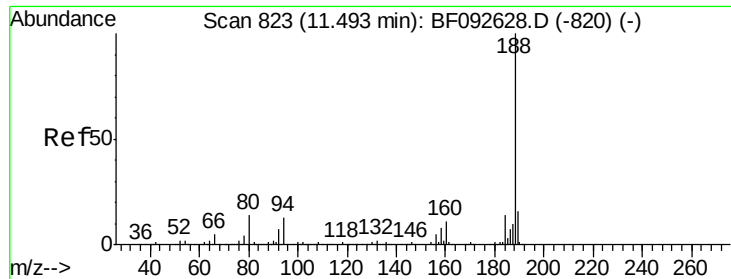
Tgt Ion:138 Resp: 249678
Ion Ratio Lower Upper
138 100
92 53.7 31.7 71.7
108 64.1 52.6 92.6



#62
Azobenzene
Concen: 41.17 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion: 77 Resp: 1046067
Ion Ratio Lower Upper
77 100
182 24.2 0.0 39.3
105 24.0 2.3 42.3
51 29.7 8.9 48.9

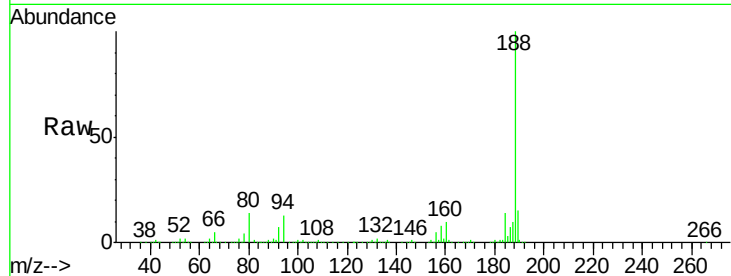




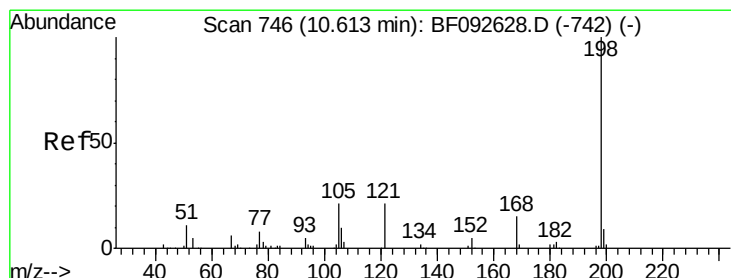
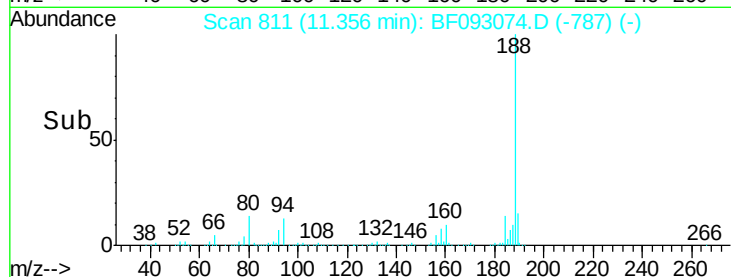
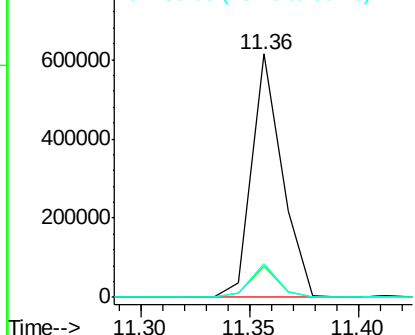
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 598620
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 14.0 11.2 16.8

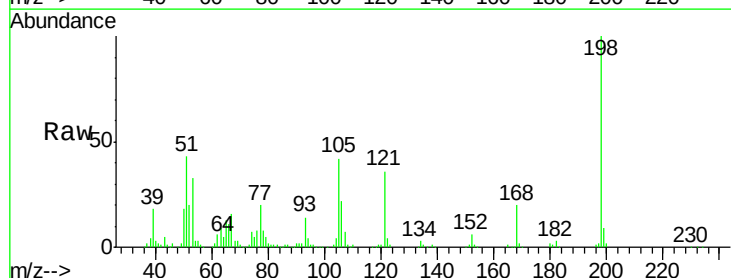


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

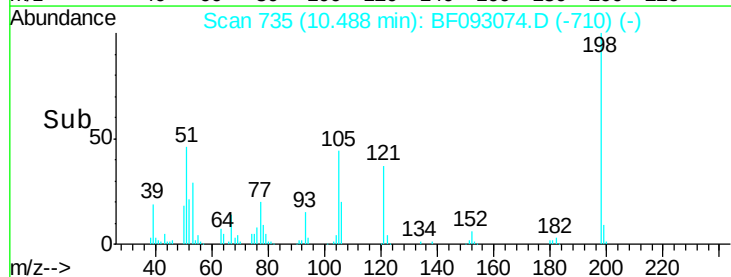
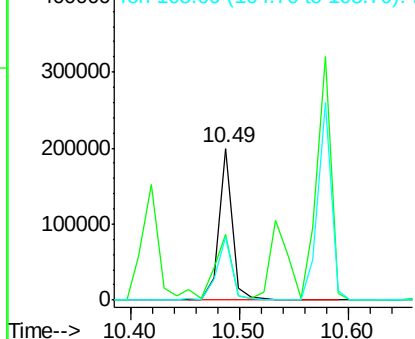


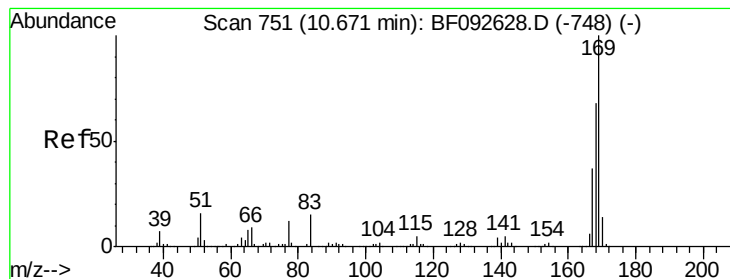
#64
4,6-Dinitro-2-methylphenol
Concen: 47.84 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:198 Resp: 174287
Ion Ratio Lower Upper
198 100
51 43.4 6.7 46.7
105 41.6 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 43.14 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

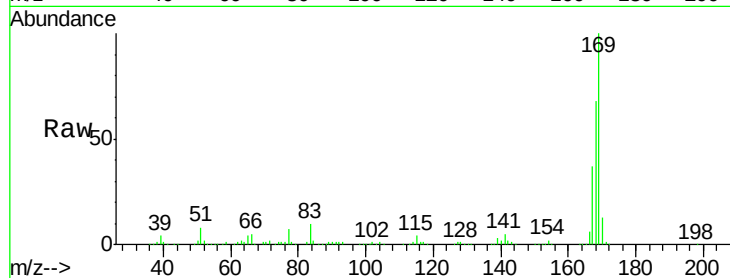
Tgt Ion:169 Resp: 825034

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

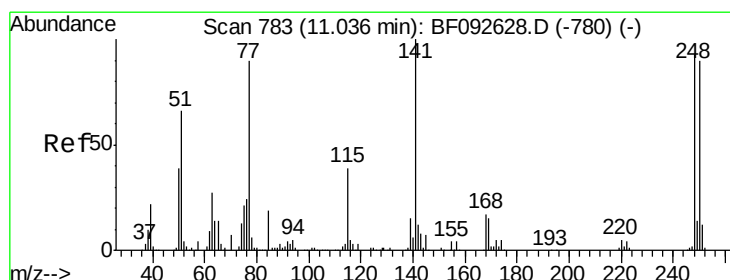
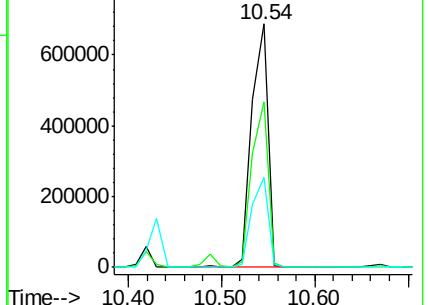
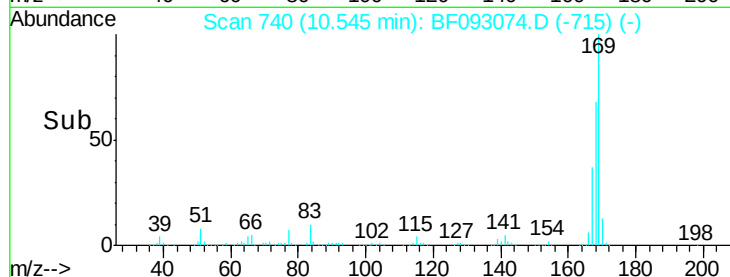
167 36.8 30.2 45.4



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: 41.24 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

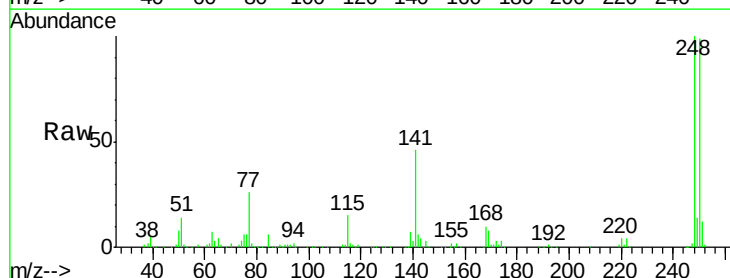
Tgt Ion:248 Resp: 257941

Ion Ratio Lower Upper

248 100

250 98.7 76.9 115.3

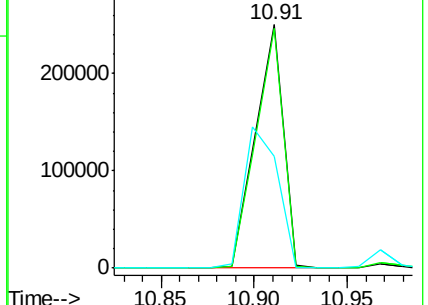
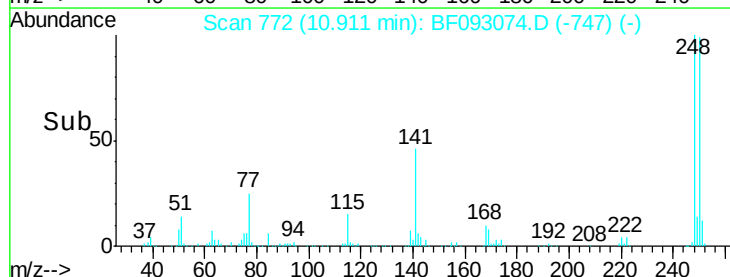
141 46.2 68.2 102.4#

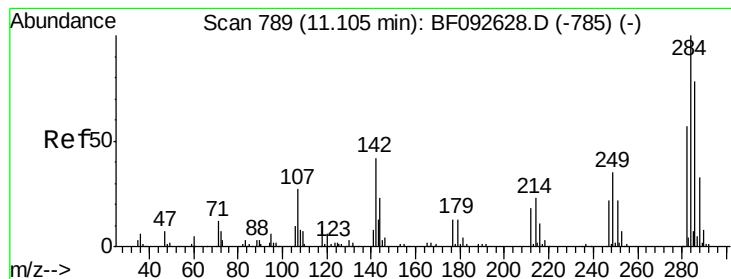


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.17 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

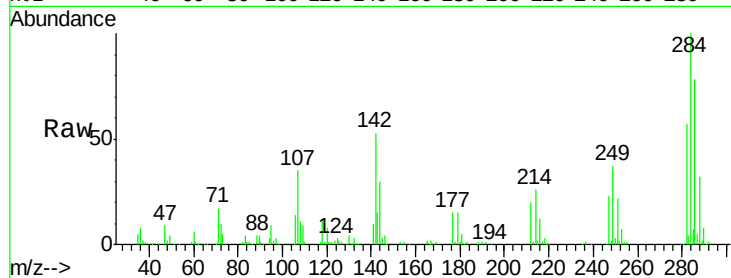
Tgt Ion:284 Resp: 242058

Ion Ratio Lower Upper

284 100

142 52.8 22.6 33.8#

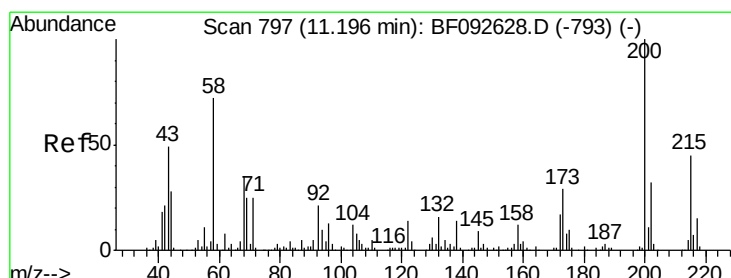
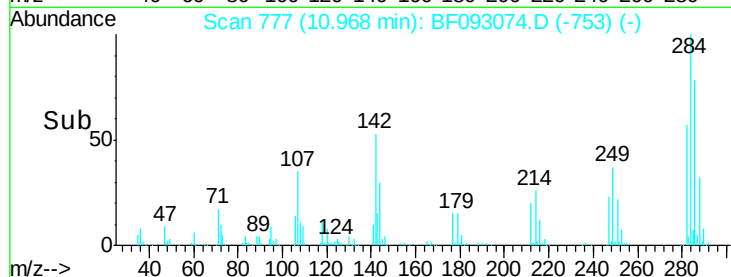
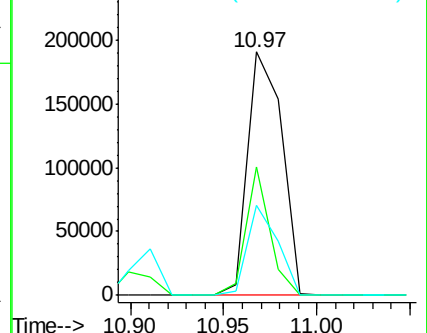
249 36.8 25.4 38.0



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: 44.81 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

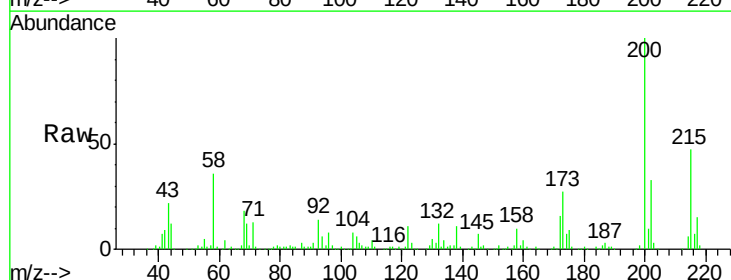
Tgt Ion:200 Resp: 275016

Ion Ratio Lower Upper

200 100

173 26.6 9.6 49.6

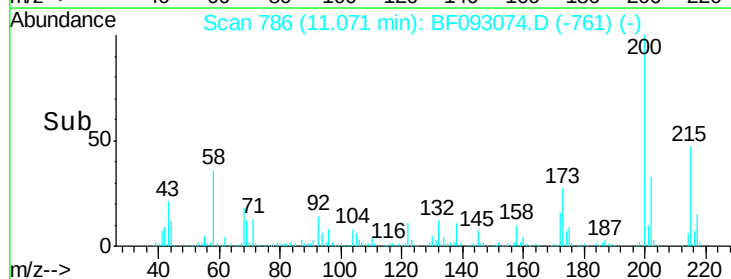
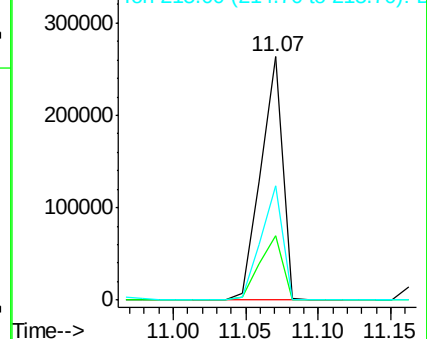
215 47.1 25.7 65.7

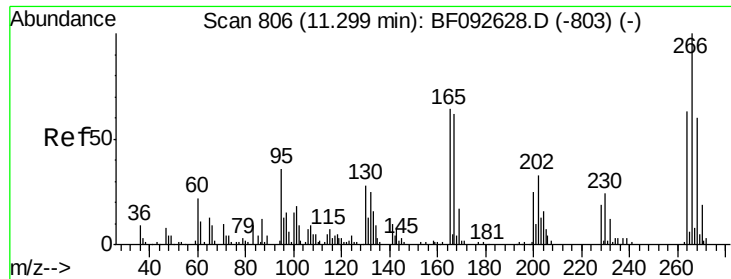


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

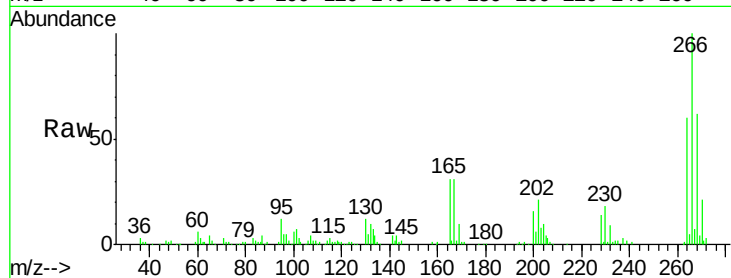




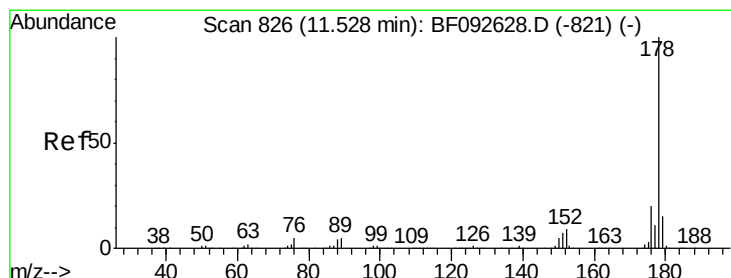
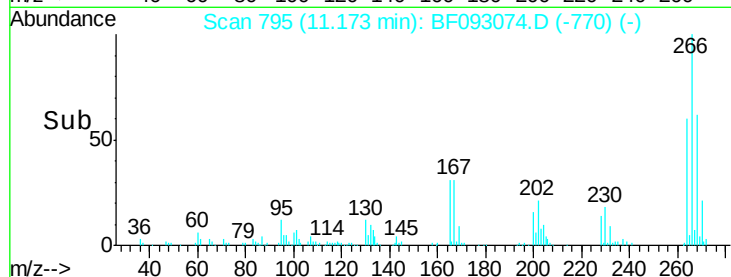
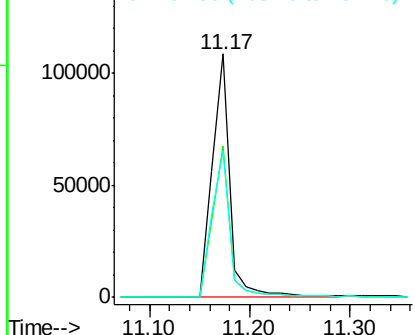
#69
 Pentachlorophenol
 Concen: 45.03 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 132640
 Ion Ratio Lower Upper
 266 100
 268 62.1 53.3 79.9
 264 60.0 50.3 75.5

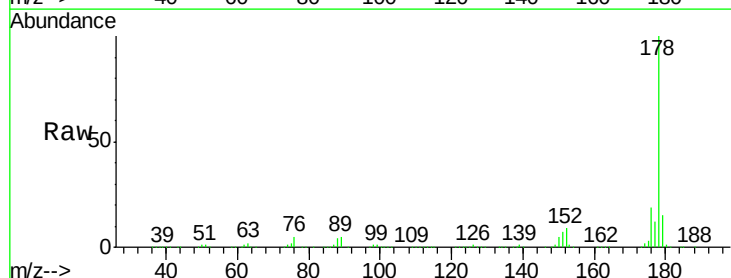


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

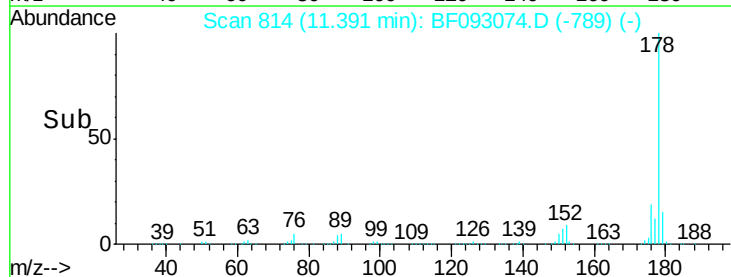
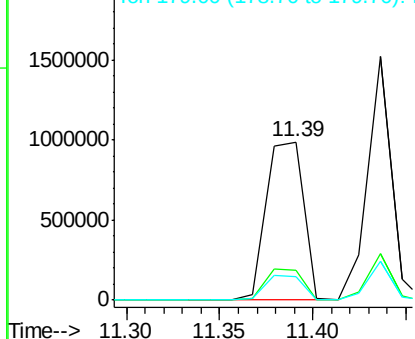


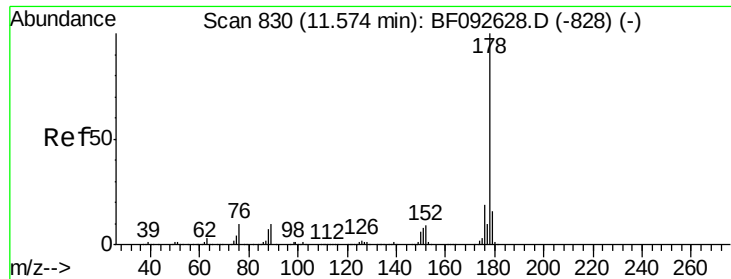
#70
 Phenanthrene
 Concen: 39.98 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion:178 Resp: 1371059
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 15.1 12.8 19.2



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: 38.89 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

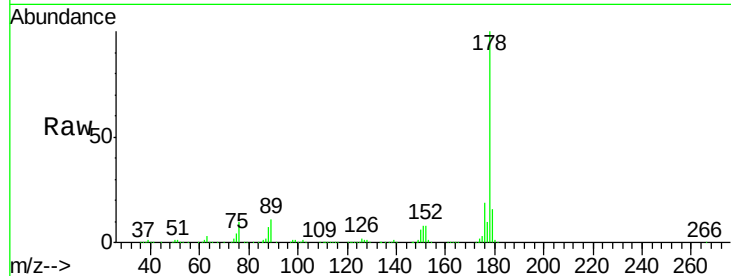
Tgt Ion:178 Resp: 1339526

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

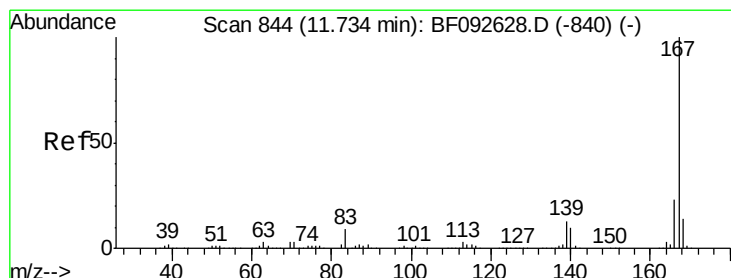
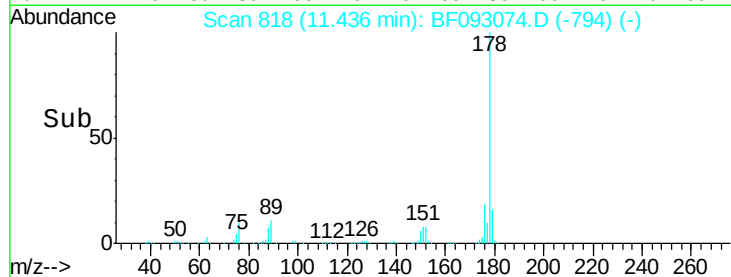
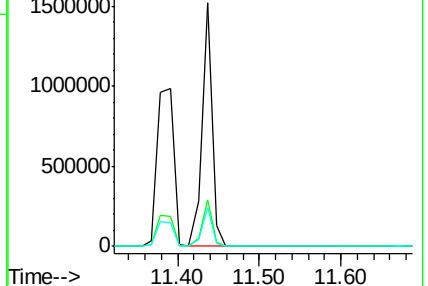
179 15.9 13.2 19.8



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: 42.70 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

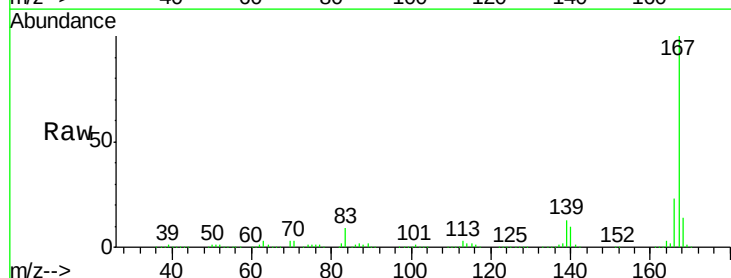
Tgt Ion:167 Resp: 1405719

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

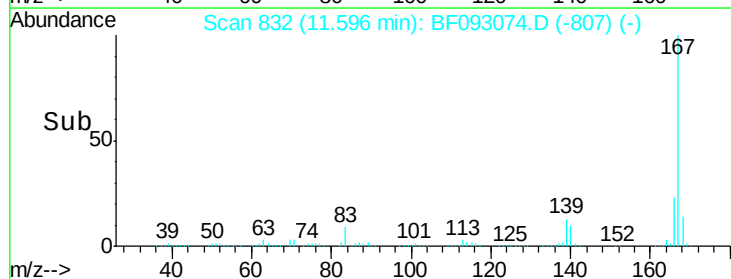
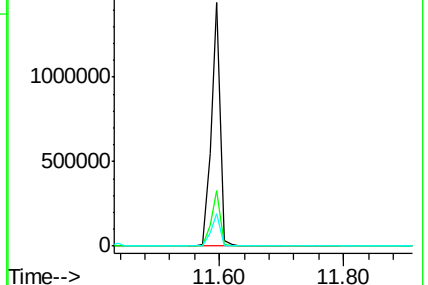
139 13.1 11.4 17.2

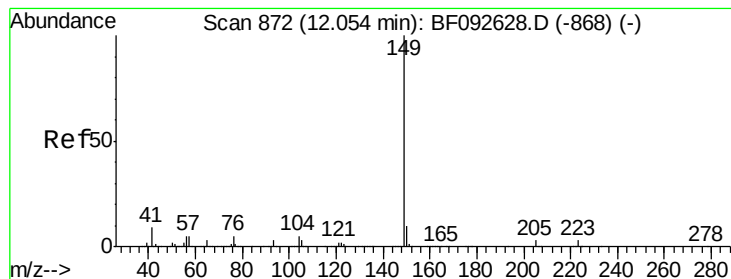


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.93 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

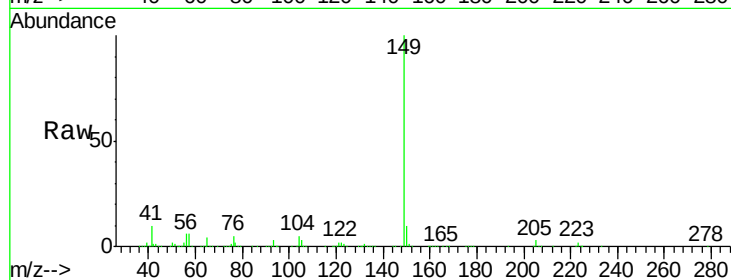
Tgt Ion:149 Resp: 1386166

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

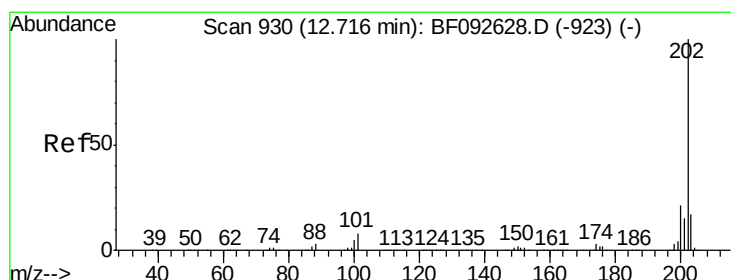
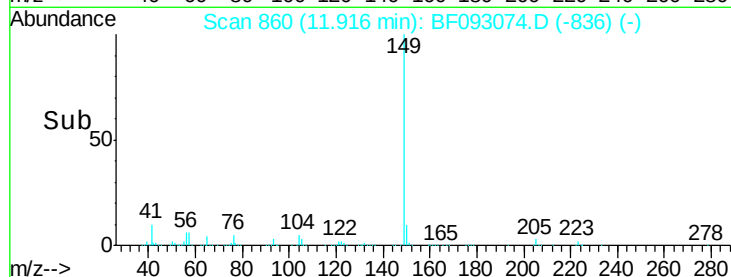
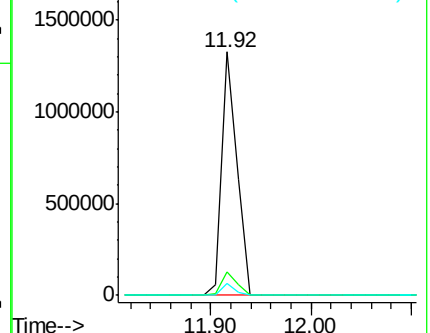
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.49 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

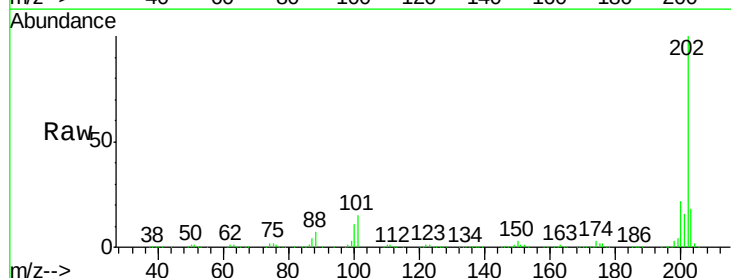
Tgt Ion:202 Resp: 1255425

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

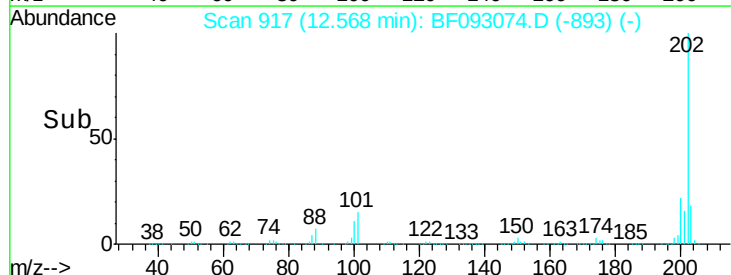
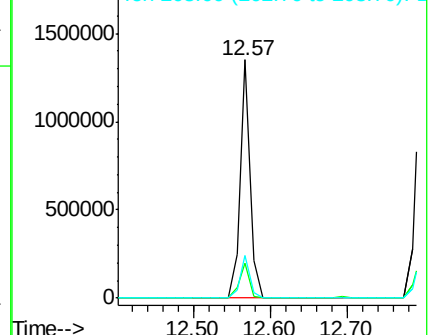
203 18.2 0.0 38.7

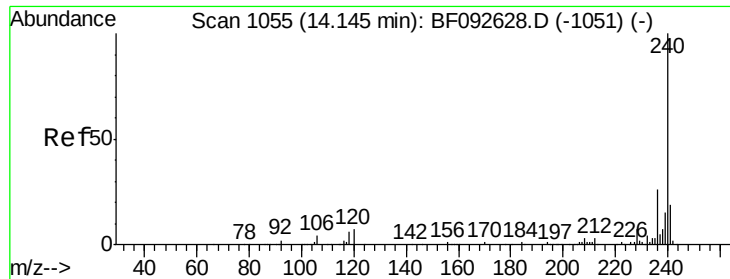


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

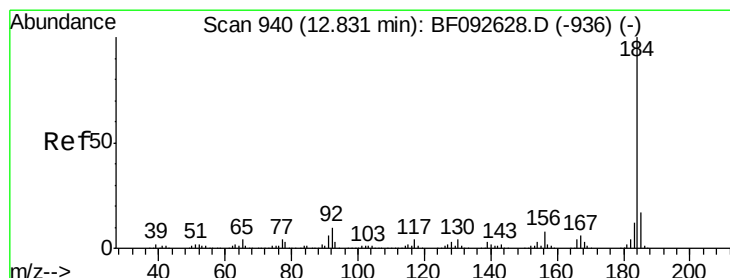
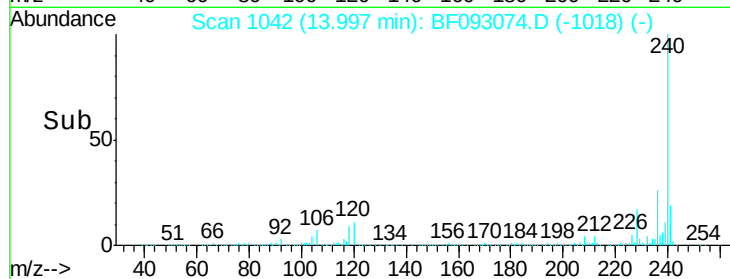
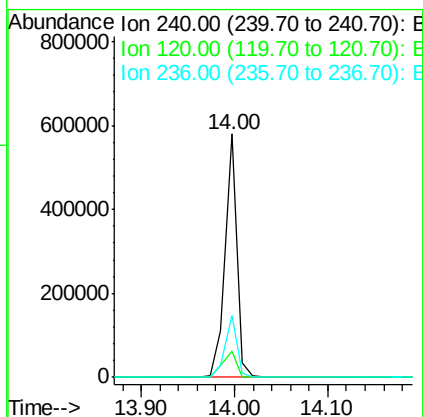
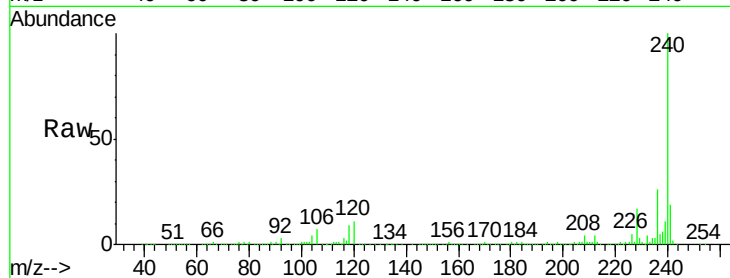




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

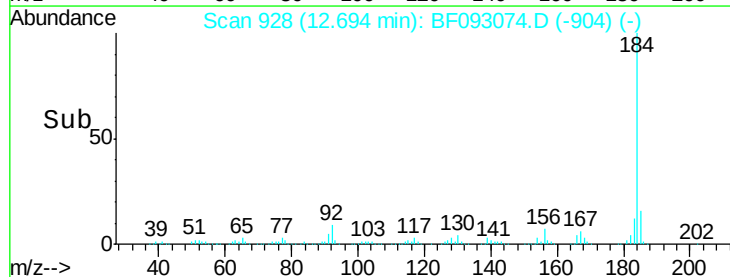
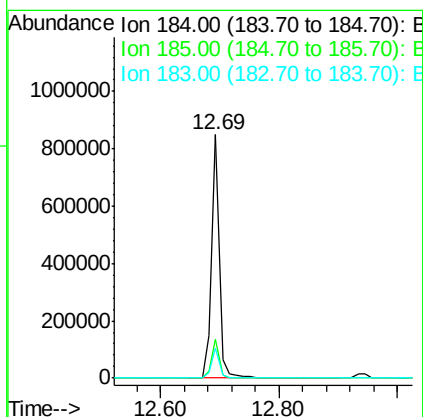
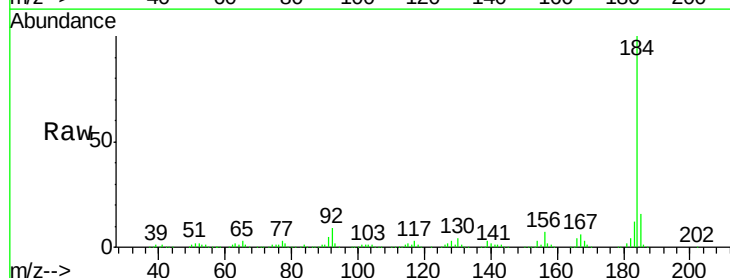
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

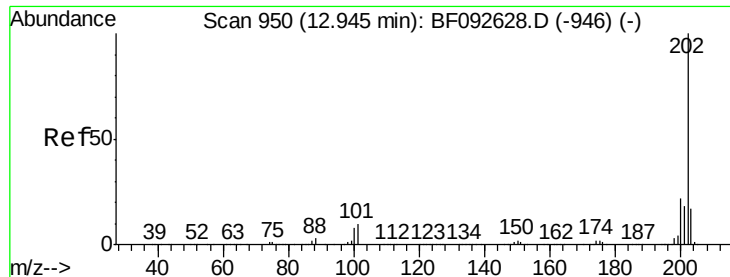
Tgt Ion:240 Resp: 504987
 Ion Ratio Lower Upper
 240 100
 120 10.6 12.9 19.3#
 236 25.5 20.9 31.3



#76
 Benzidine
 Concen: 35.58 ng
 RT: 12.69 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion:184 Resp: 765560
 Ion Ratio Lower Upper
 184 100
 185 15.8 13.4 20.0
 183 12.3 9.2 13.8



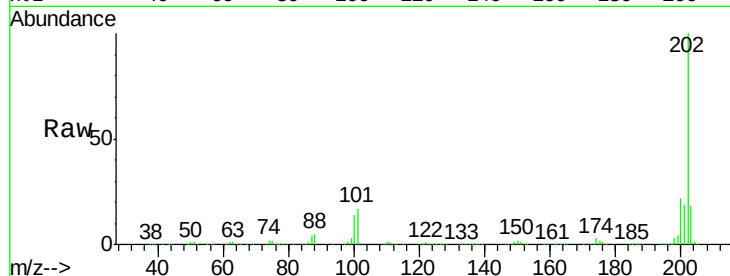


#77
Pyrene
 Concen: 34.61 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

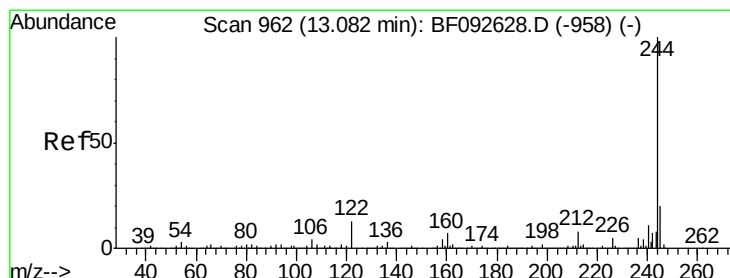
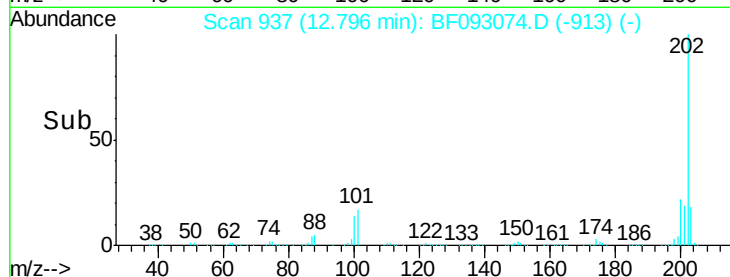
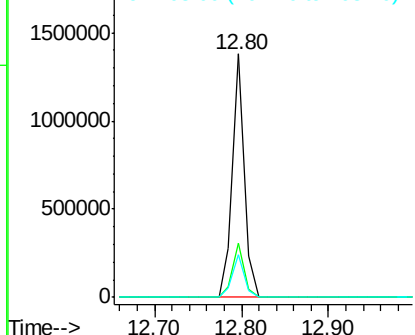
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1307831

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.7	14.7	22.1



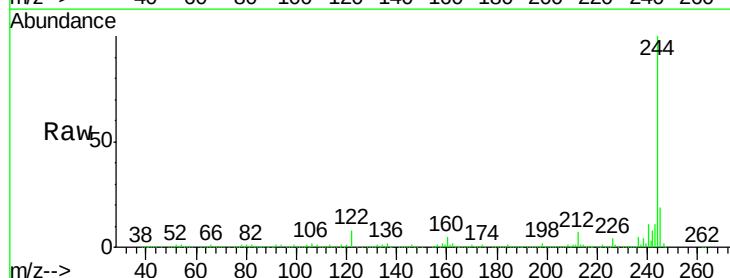
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



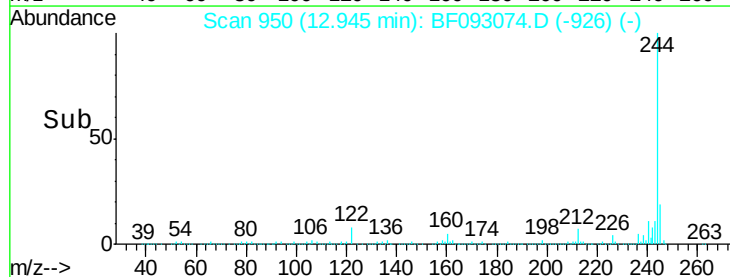
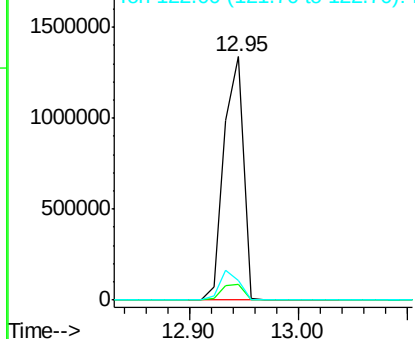
#78
Terphenyl-d14
 Concen: 77.47 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

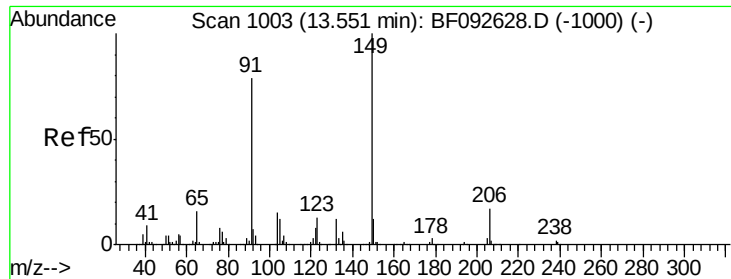
Tgt Ion: 244 Resp: 1665078

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	8.2	11.4	17.2



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

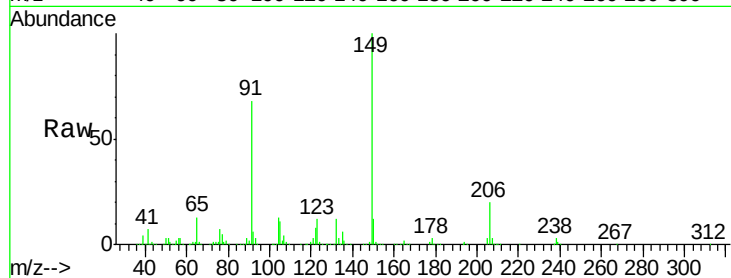




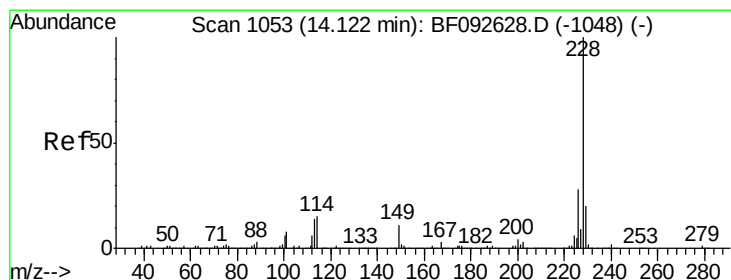
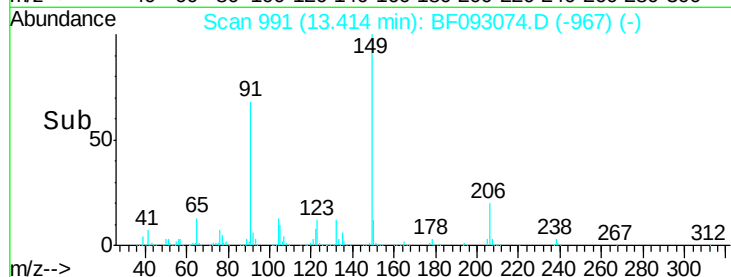
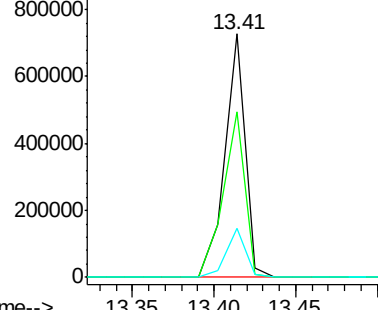
#79
Butylbenzylphthalate
Concen: 40.93 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 628179
Ion Ratio Lower Upper
149 100
91 67.9 63.9 95.9
206 20.0 14.6 21.8

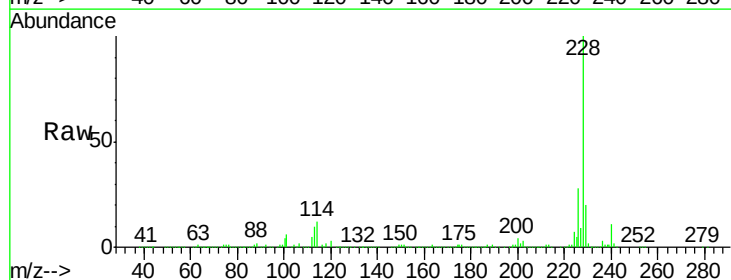


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

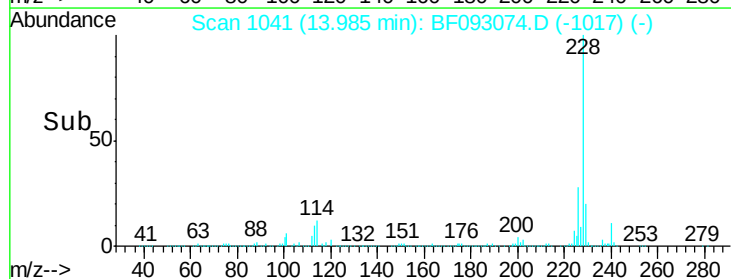
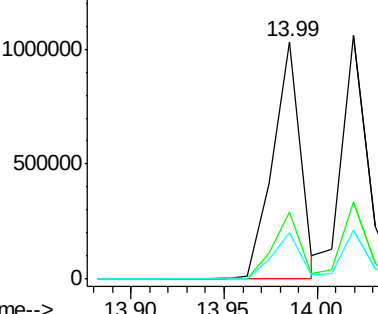


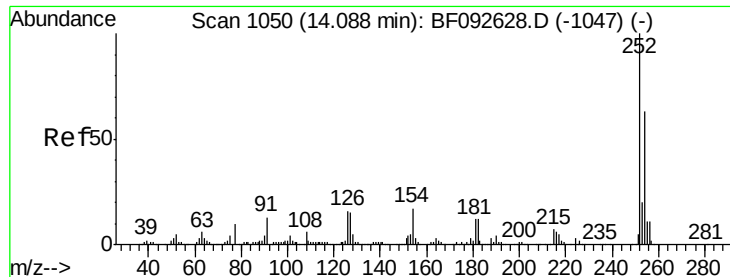
#80
Benzo(a)anthracene
Concen: 34.64 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093074.D
Acq: 22 Feb 2017 14:33

Tgt Ion:228 Resp: 1069780
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.8 16.2 24.4



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

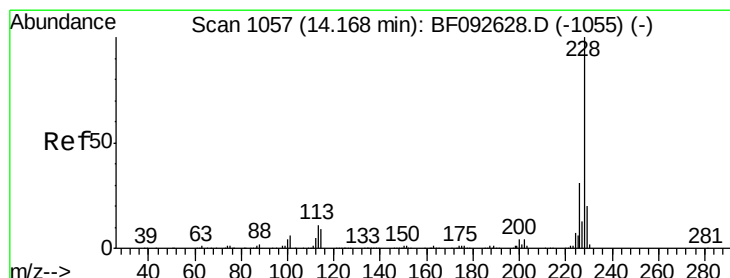
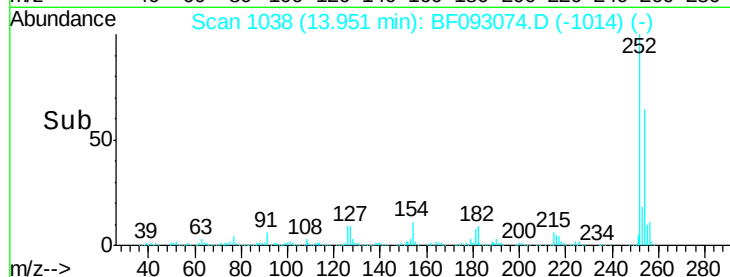
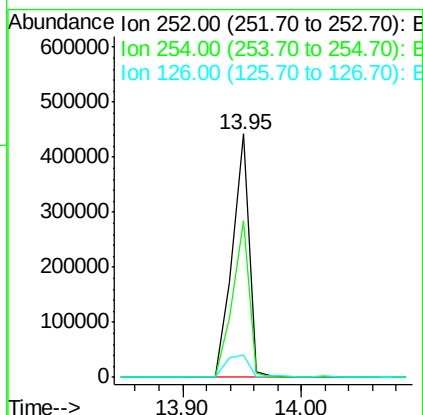
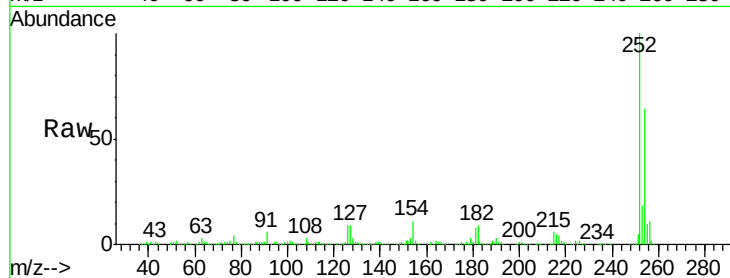




#81
 3,3'-Dichlorobenzidine
 Concen: 39.49 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

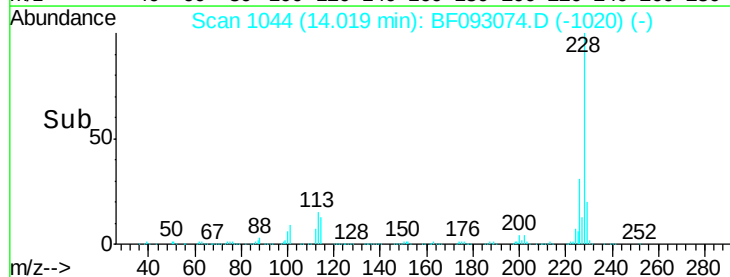
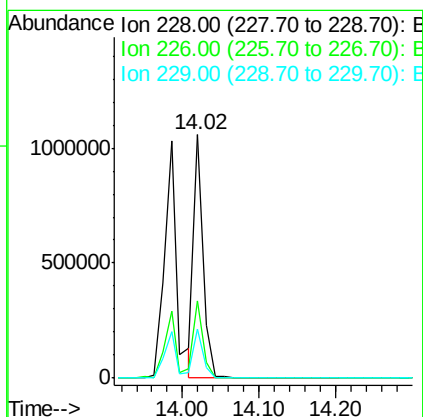
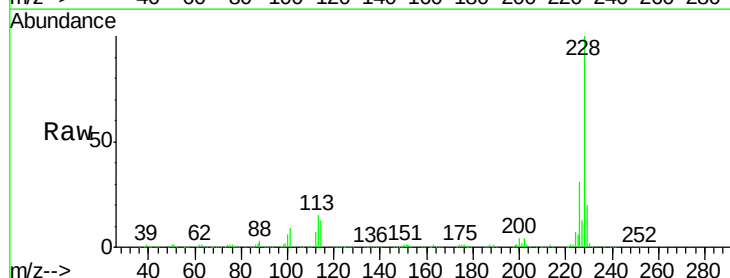
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

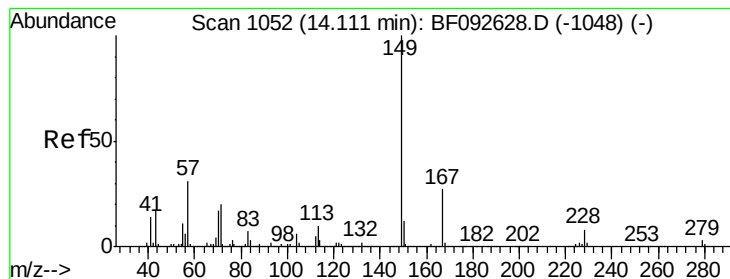
Tgt Ion: 252 Resp: 434765
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 9.0 13.6 20.4#



#82
 Chrysene
 Concen: 31.25 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion: 228 Resp: 903699
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 20.0 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.30 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

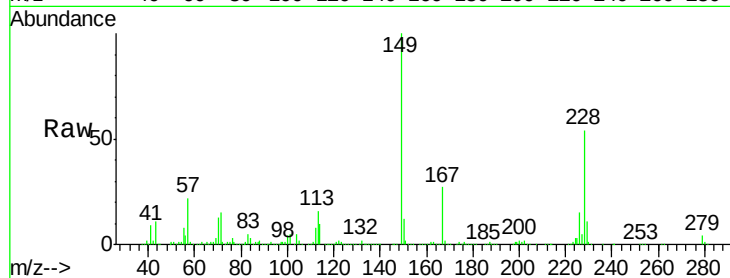
Tgt Ion:149 Resp: 845735

Ion Ratio Lower Upper

149 100

167 27.5 20.2 30.4

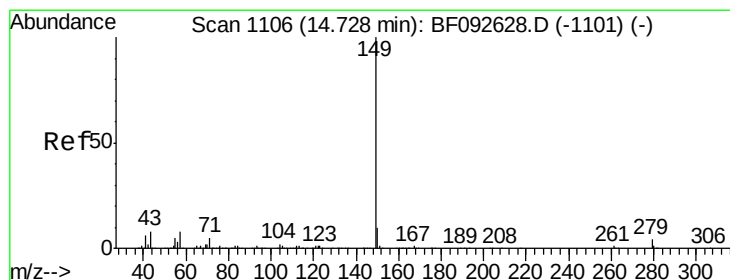
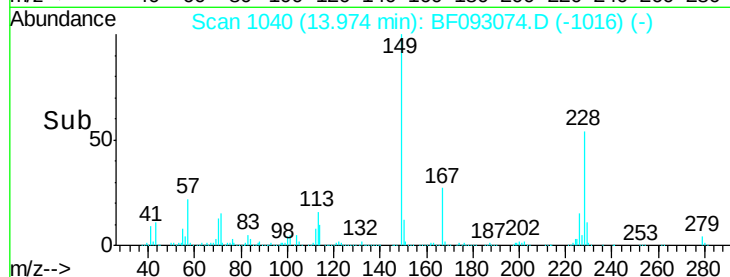
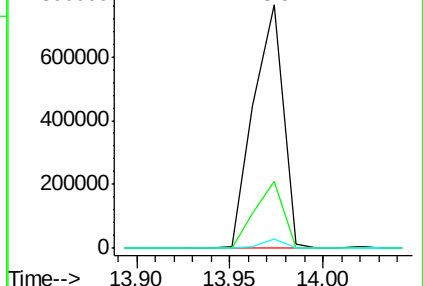
279 3.9 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.61 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

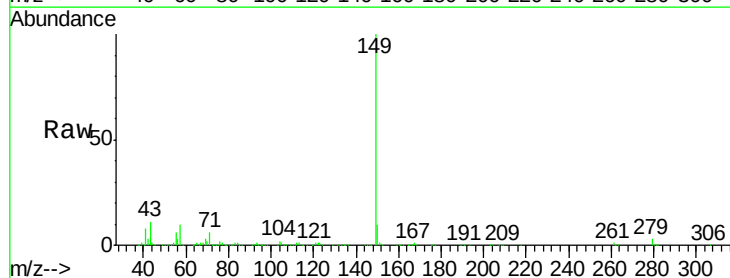
Tgt Ion:149 Resp: 1319679

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

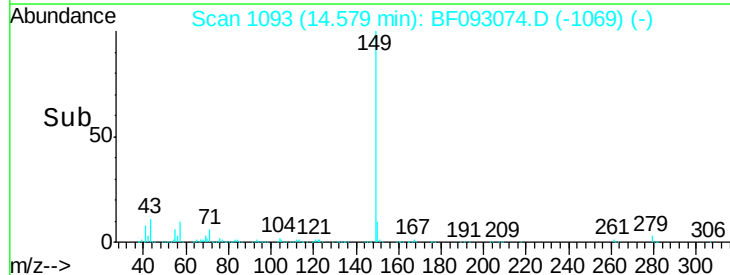
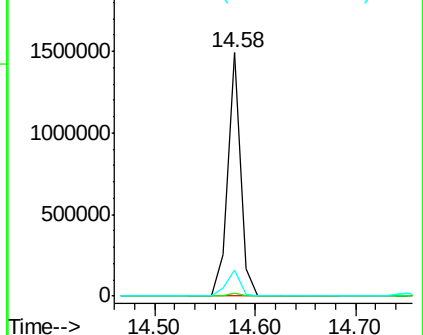
43 11.5 8.9 13.3

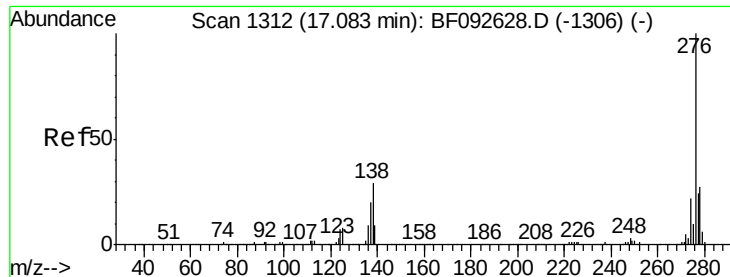


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

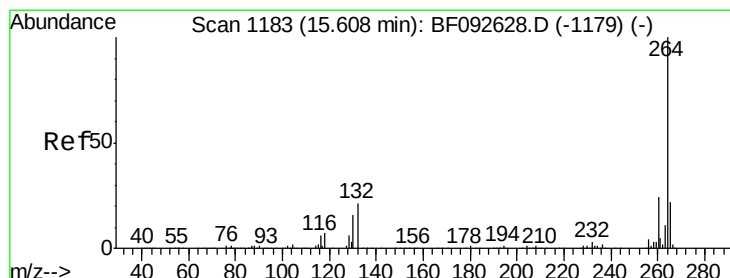
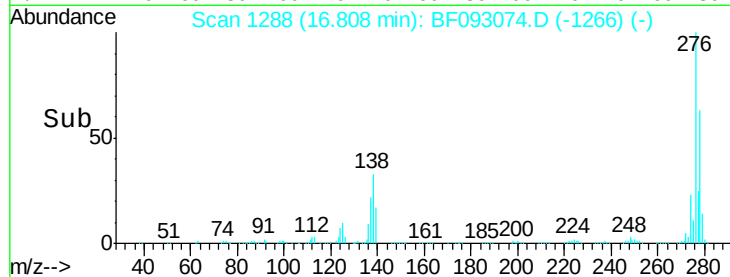
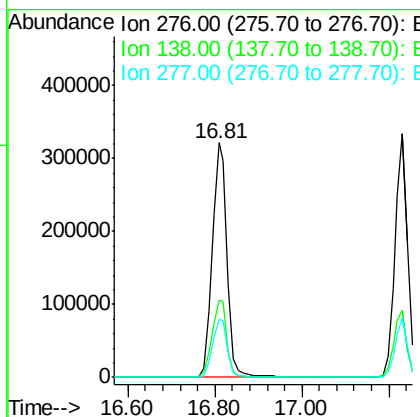
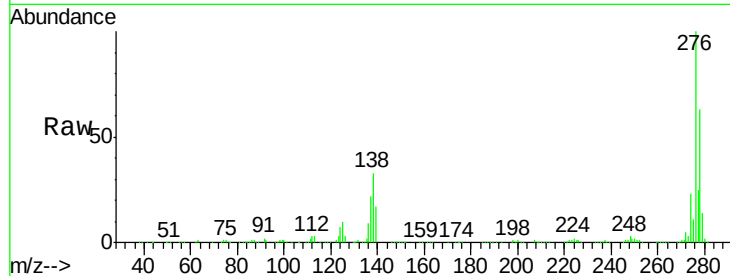




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.82 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. -0.05 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

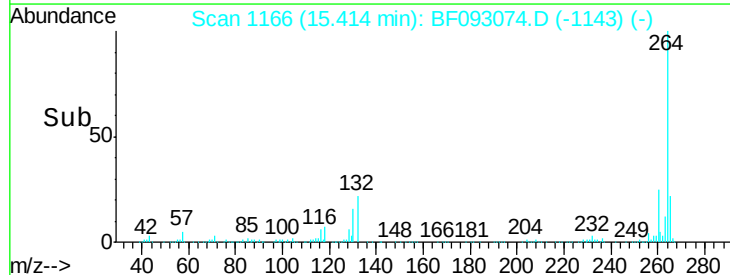
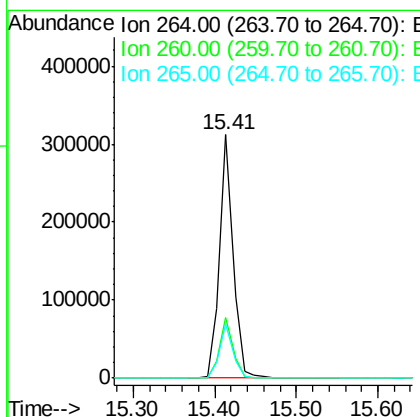
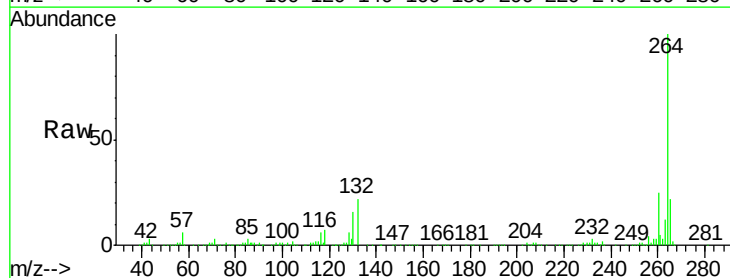
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

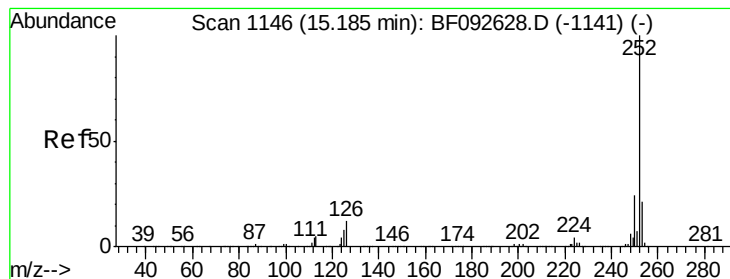
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6#
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093074.D
 Acq: 22 Feb 2017 14:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 76.29 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

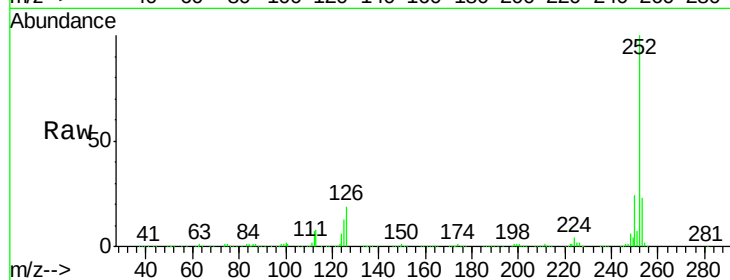
Tgt Ion:252 Resp: 1811919

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

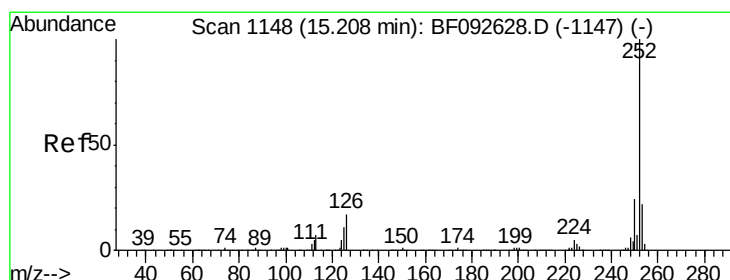
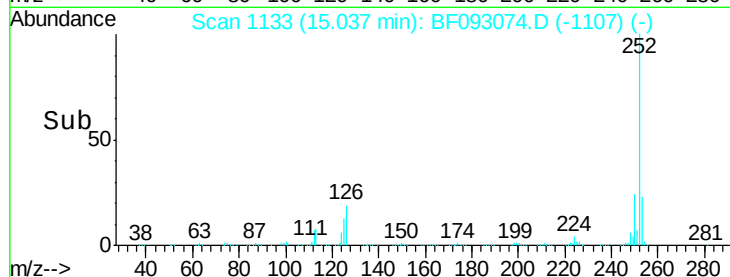
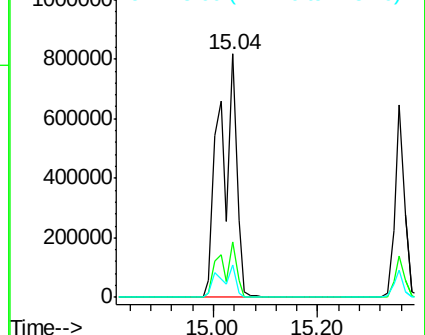
125 13.3 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 88.40 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

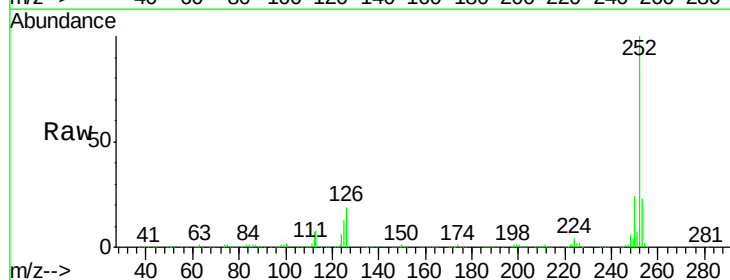
Tgt Ion:252 Resp: 1812723

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

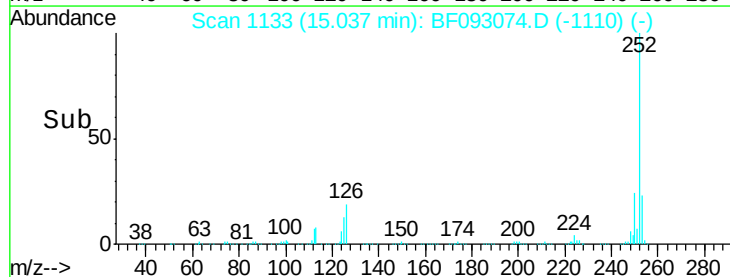
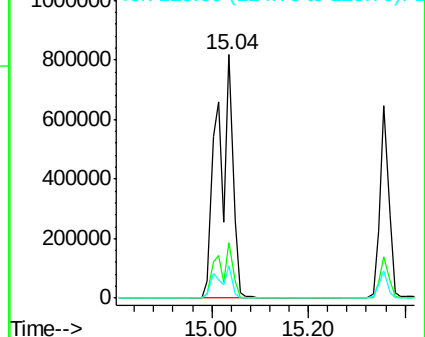
125 13.3 8.9 13.3

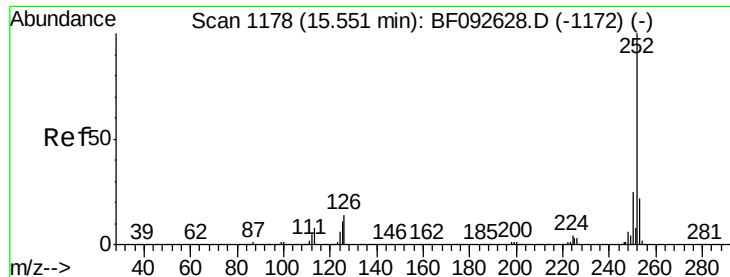


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.22 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

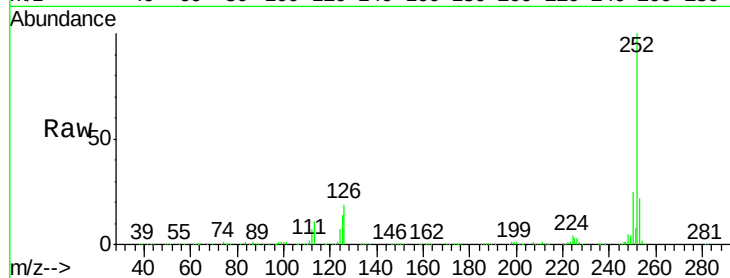
Tgt Ion:252 Resp: 826181

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

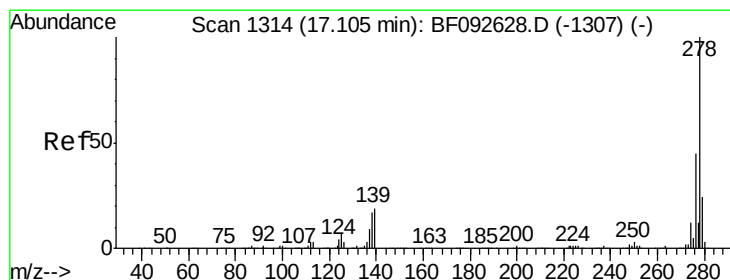
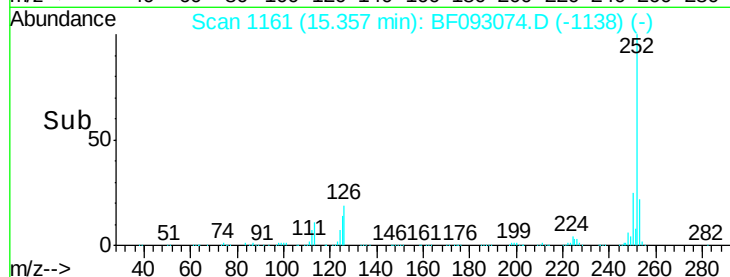
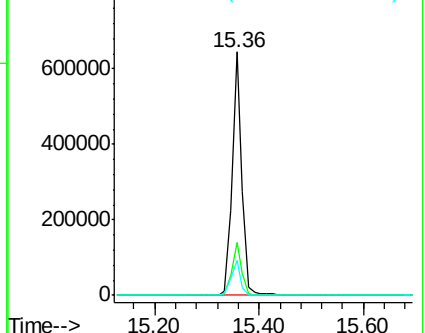
125 14.2 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.35 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

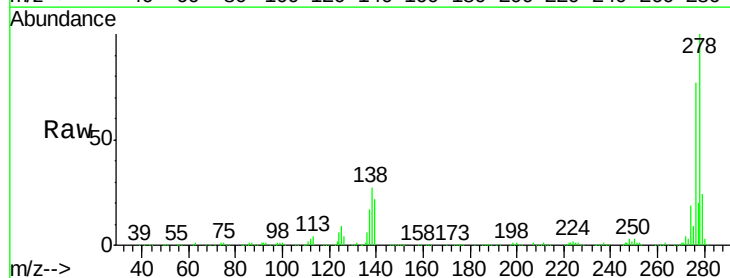
Tgt Ion:278 Resp: 669992

Ion Ratio Lower Upper

278 100

139 22.3 14.8 22.2#

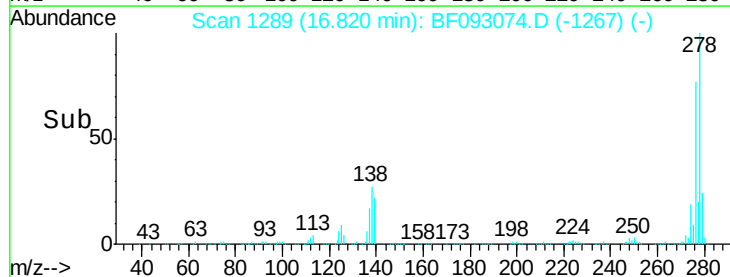
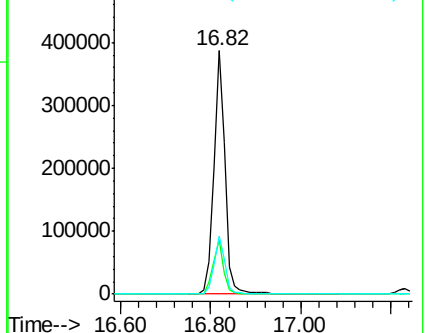
279 23.8 19.8 29.6

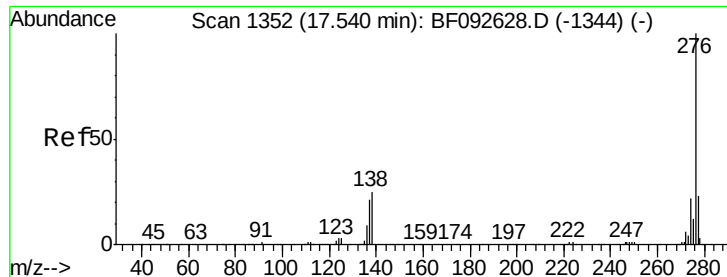


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.18 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093074.D

Acq: 22 Feb 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

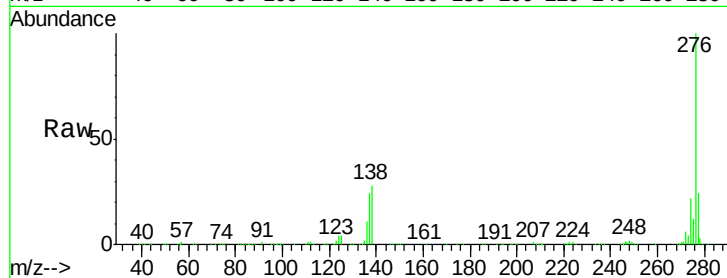
Tgt Ion: 276 Resp: 690738

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 27.5 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

