

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093833.D
 Acq On : 22 Mar 2017 15:39
 Operator : SJ/MA
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Mar 22 17:06:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:04:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	195402	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	804573	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	357725	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	625832	20.00	ng	0.00
75) Chrysene-d12	14.72	240	503444	20.00	ng	0.00
86) Perylene-d12	16.35	264	403395	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.50	112	926993	82.96	ng	0.00
7) Phenol-d6	5.57	99	1157282	83.82	ng	0.00
23) Nitrobenzene-d5	6.64	82	1140085	80.38	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	232082	83.76	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1873230	88.05	ng	0.00
78) Terphenyl-d14	13.44	244	1771049	71.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	226473	40.00	ng	97
3) Pyridine	2.85	79	630494	41.56	ng	99
4) n-Nitrosodimethylamine	2.81	42	260177	39.77	ng	94
6) Aniline	5.61	93	823499	42.65	ng	97
8) 2-Chlorophenol	5.75	128	523477	42.59	ng	96
9) Benzaldehyde	5.48	77	391432	40.11	ng	99
10) Phenol	5.59	94	689412	44.42	ng	91
11) bis(2-Chloroethyl)ether	5.69	93	517864	41.09	ng	97
12) 1,3-Dichlorobenzene	5.92	146	582638	41.80	ng	99
13) 1,4-Dichlorobenzene	6.01	146	588212	41.36	ng	97
14) 1,2-Dichlorobenzene	6.19	146	537591	41.21	ng	96
15) Benzyl Alcohol	6.15	79	435617	42.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.31	45	810067	40.43	ng	99
17) 2-Methylphenol	6.28	107	445424	41.30	ng	98
18) Hexachloroethane	6.58	117	210772	41.80	ng	# 81
19) n-Nitroso-di-n-propylamine	6.47	70	374174	41.36	ng	98
20) 3+4-Methylphenols	6.46	107	525962	41.19	ng	99
22) Acetophenone	6.46	105	696763	39.99	ng	96
24) Nitrobenzene	6.66	77	564041	41.63	ng	92
25) Isophorone	6.95	82	992846	39.51	ng	96
26) 2-Nitrophenol	7.03	139	283476	46.26	ng	94
27) 2,4-Dimethylphenol	7.09	122	460366	36.53	ng	99
28) bis(2-Chloroethoxy)methane	7.21	93	656510	40.61	ng	99
29) 2,4-Dichlorophenol	7.32	162	434860	40.54	ng	97
30) 1,2,4-Trichlorobenzene	7.43	180	441594	39.64	ng	99
31) Naphthalene	7.52	128	1532957	41.05	ng	100
32) Benzoic acid	7.24	122	345015	44.02	ng	99
33) 4-Chloroaniline	7.58	127	633300	39.46	ng	95
34) Hexachlorobutadiene	7.68	225	226160	38.60	ng	98
35) Caprolactam	8.03	113	141104	41.90	ng	97
36) 4-Chloro-3-methylphenol	8.18	107	452440	40.70	ng	89
37) 2-Methylnaphthalene	8.36	142	1028689	42.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	389556	41.12	ng	100
40) Hexachlorocyclopentadiene	8.56	237	197403	41.30	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	280557	40.79	nq	99
43) 2,4,5-Trichlorophenol	8.75	196	314407	44.04	nq	93
45) 1,1'-Biphenyl	8.94	154	1157210	39.80	nq	97
46) 2-Chloronaphthalene	8.96	162	898720	40.32	nq	94
47) 2-Nitroaniline	9.08	65	280589	45.07	nq	# 84
48) Acenaphthylene	9.47	152	1510441	41.64	nq	99
49) Dimethylphthalate	9.32	163	1015083	39.87	nq	99
50) 2,6-Dinitrotoluene	9.39	165	243051	43.49	nq	90
51) Acenaphthene	9.68	154	865568	39.95	nq	99
52) 3-Nitroaniline	9.59	138	279698	41.69	nq	92
53) 2,4-Dinitrophenol	9.71	184	117004	53.33	nq	# 75
54) Dibenzofuran	9.89	168	1207734	41.42	nq	100
55) 4-Nitrophenol	9.79	139	227904	45.22	nq	# 69
56) 2,4-Dinitrotoluene	9.88	165	309865	43.67	nq	# 86
57) Fluorene	10.32	166	926214	41.48	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	211509	43.12	nq	99
59) Diethylphthalate	10.19	149	1009079	40.67	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	400397	42.54	nq	90
61) 4-Nitroaniline	10.34	138	273339	45.55	nq	94
62) Azobenzene	10.52	77	966211	39.37	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	162920	44.93	nq	# 71
65) n-Nitrosodiphenylamine	10.47	169	859465	41.19	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	248288	41.22	nq	97
67) Hexachlorobenzene	10.99	284	248671	40.03	nq	# 90
68) Atrazine	11.13	200	262229	40.94	nq	96
69) Pentachlorophenol	11.23	266	160891	44.29	nq	99
70) Phenanthrene	11.49	178	1369045	41.08	nq	100
71) Anthracene	11.56	178	1421993	41.44	nq	99
72) Carbazole	11.75	167	1461246	43.01	nq	99
73) Di-n-butylphthalate	12.20	149	1552520	42.46	nq	100
74) Fluoranthene	12.96	202	1406757	41.06	nq	100
76) Benzidine	13.12	184	820519	37.15	nq	97
77) Pyrene	13.23	202	1464302	34.95	nq	100
79) Butylbenzylphthalate	14.04	149	655896	35.03	nq	# 82
80) Benzo(a)anthracene	14.70	228	1186991	37.64	nq	98
81) 3,3'-Dichlorobenzidine	14.67	252	441386	37.15	nq	# 97
82) Chrysene	14.75	228	1087656	34.52	nq	100
83) Bis(2-ethylhexyl)phthalate	14.76	149	887754	39.36	nq	99
84) Di-n-octyl phthalate	15.52	149	1505124	36.57	nq	99
85) Indeno(1,2,3-cd)pyrene	17.74	276	915109	35.47	nq	98
87) Benzo(b)fluoranthene	15.94	252	1010955	37.17	nq	99
88) Benzo(k)fluoranthene	15.97	252	997105	49.65	nq	96
89) Benzo(a)pyrene	16.29	252	939037	42.58	nq	98
90) Dibenzo(a,h)anthracene	17.77	278	771271	42.12	nq	95
91) Benzo(g,h,i)perylene	18.16	276	768629	42.29	nq	98

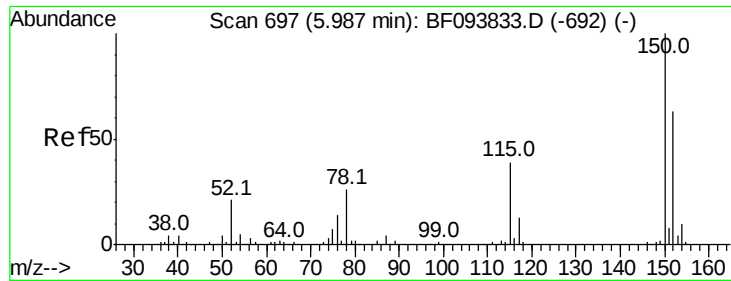
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Abundance

TIC: BF093833.D

Time--> 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00

1,4-Dioxane
n-Nitrosodimethylamine,
Pyridine,
2-Fluorophenol,S
Benzaldehyde
bis(2-chloroethyl)ether
Chlorophenol,
1,2-dichlorobenzene,d,l
1,1-dichlorobenzene
2,2'-oxybis(1-chloroethanol)
Hexachlorocyclopentadiene
Nitrobenzene-d5,S
N-nitroso-di-n-propylamine,P
Acetylphenols
Benzoinic acid
2-Nitrophenol Isophorone
2,4-Dinitrophenol
Naphthalene-d4
Naphthalene-d1
Hexachlorobenzene
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
1,1-Biphenyl
2-Chloronaphthalene
2,4,6-Trichlorophenol,C
2-Nitroaniline
2,6-Dinitrotoluene Dimethylphthalate
3-Nitroanisole
2,4-Dinitrophenol,P
2,4-Dinitrophenol
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4-Chlorophenol
Phenanthrene
2,4,6-Tribromophenol
Hexachlorophenyl-phenylether
Hexachlorophenol
Pentachlorophenol
Phenanthrene-d10
Carbazole
Di-n-butylphthalate
Benzidine
Butylbenzylphthalate
Terphenyl-d14,S
Fluoranthene,C
Pyrene
BCis(2-ethynylhexyl)phthalate
3,3'-Dichlorobenzidine
Di-n-octyl phthalate,c
Benzo(b)fluoranthene
Benzo(a)pyrene,C
Perylene-d12,1
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. 0.00 min

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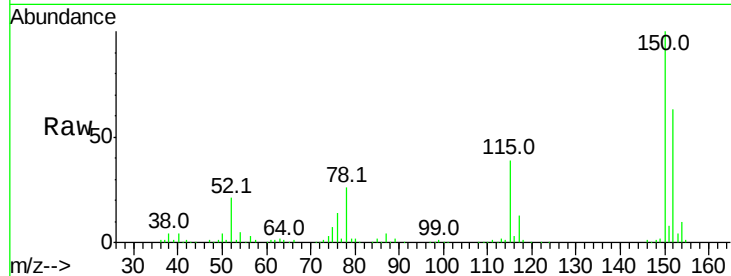
Tot Ion:152 Resp: 195402

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

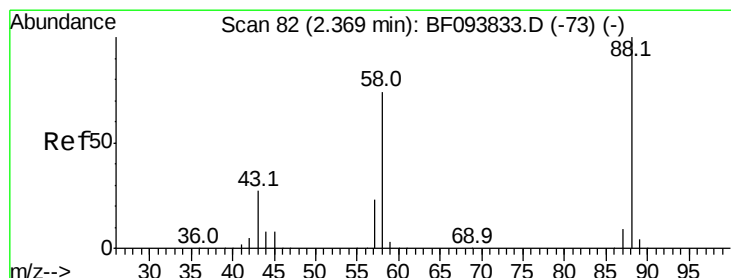
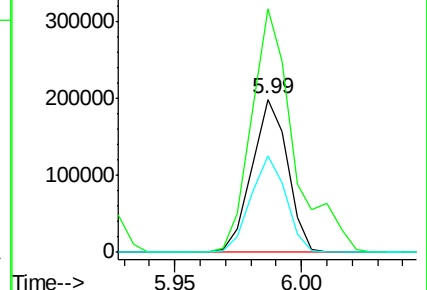
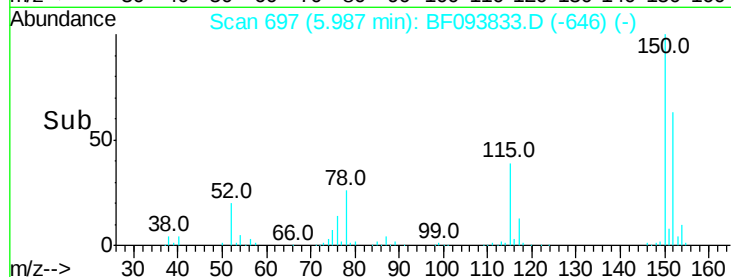
115 62.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.00 ng

RT: 2.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

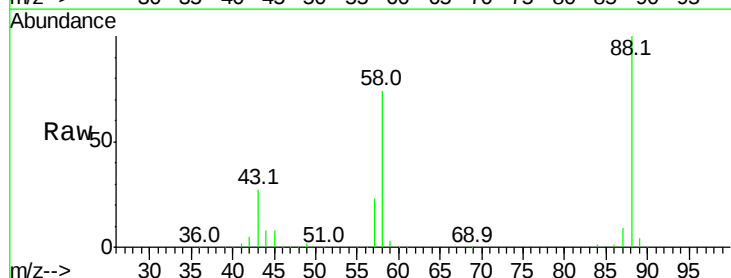
Tgt Ion: 88 Resp: 226473

Ion Ratio Lower Upper

88 100

58 74.4 61.4 92.0

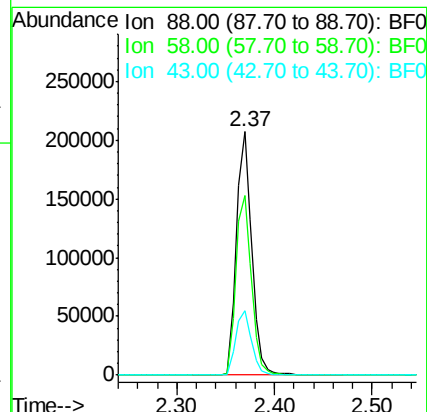
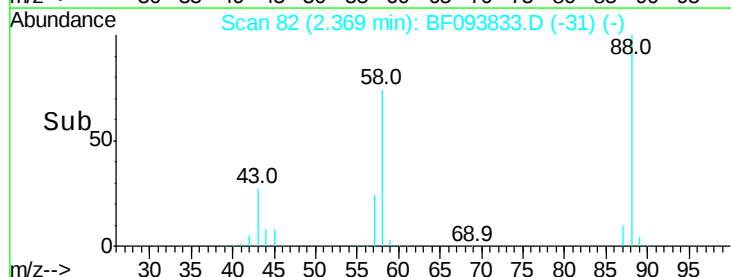
43 27.4 23.4 35.0

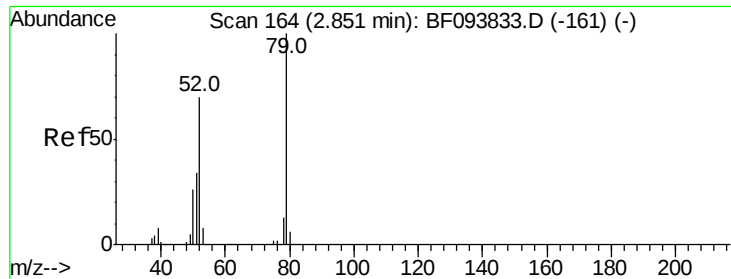


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.56 ng

RT: 2.85 min Scan# 164

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

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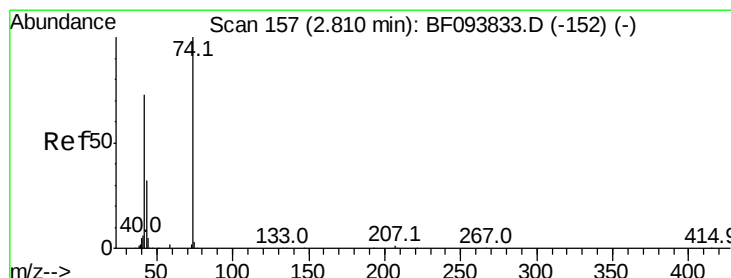
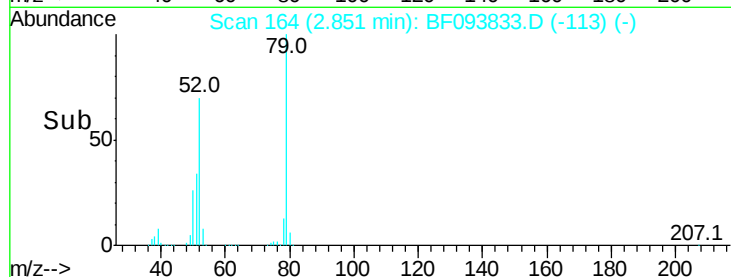
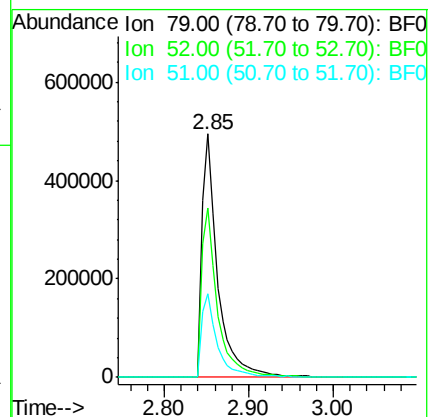
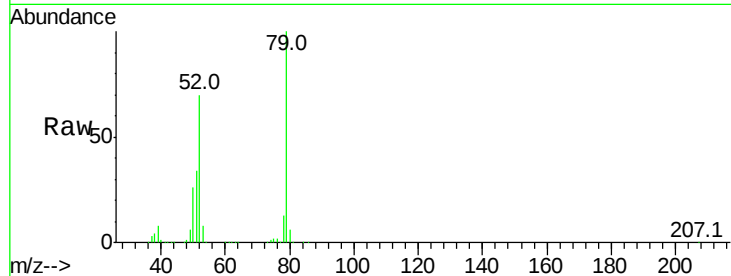
Tot Ion: 79 Resp: 630494

Ion Ratio Lower Upper

79 100

52 69.6 54.8 82.2

51 34.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.77 ng

RT: 2.81 min Scan# 157

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

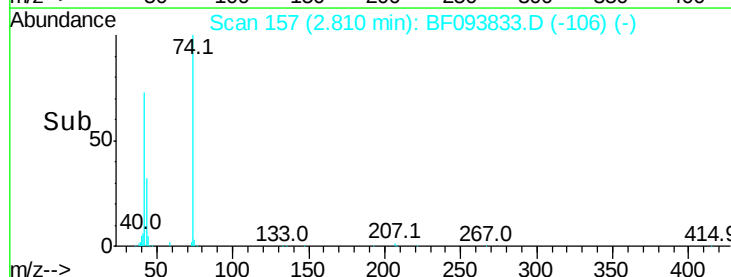
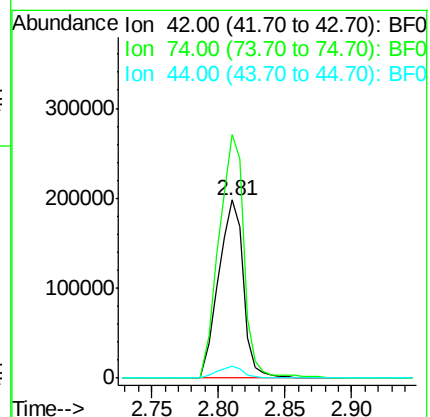
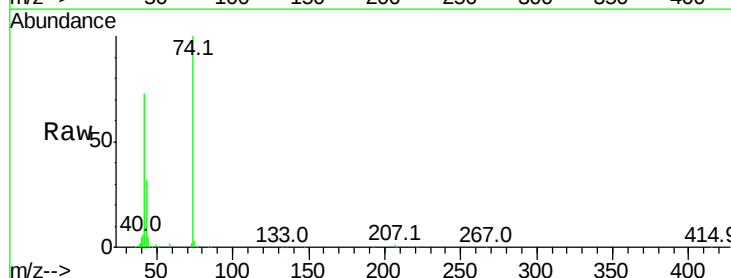
Tgt Ion: 42 Resp: 260177

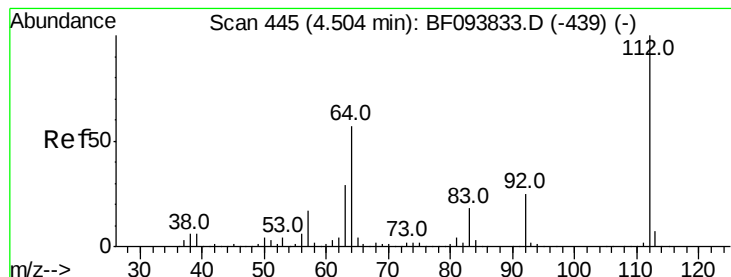
Ion Ratio Lower Upper

42 100

74 136.7 103.9 155.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 82.96 ng

RT: 4.50 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093833.D

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ClientSampleId :

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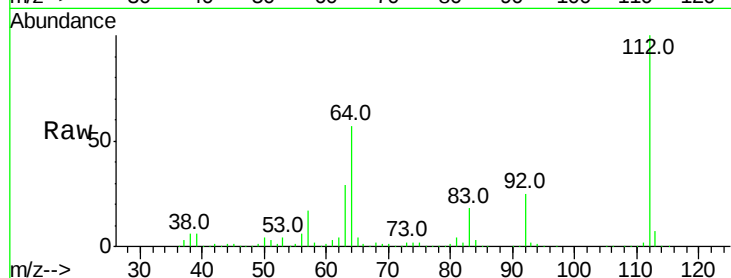
Tot Ion:112 Resp: 926993

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

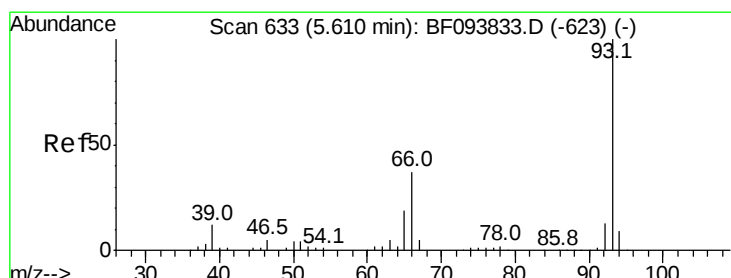
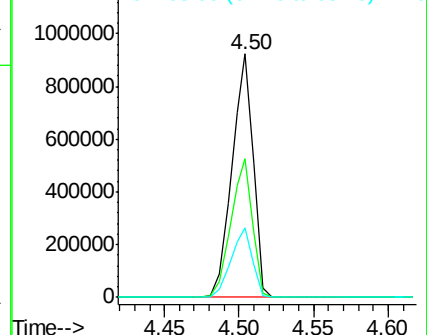
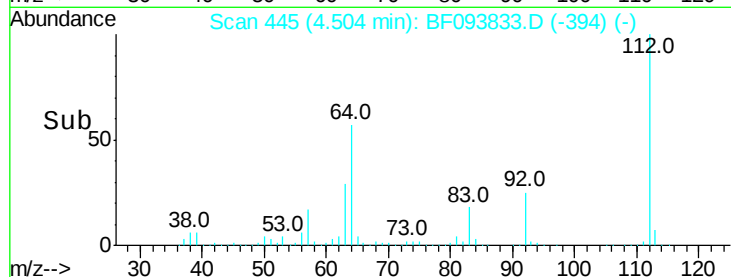
63 28.7 23.4 35.0



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: 42.65 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

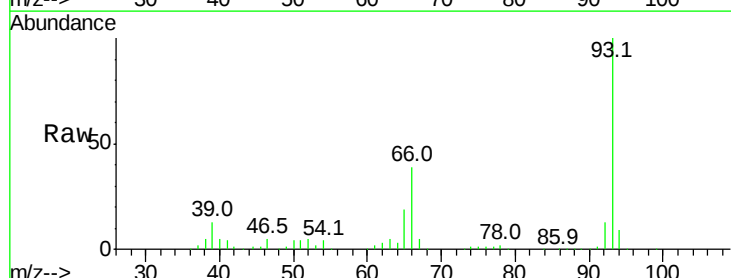
Tgt Ion: 93 Resp: 823499

Ion Ratio Lower Upper

93 100

66 38.8 32.9 49.3

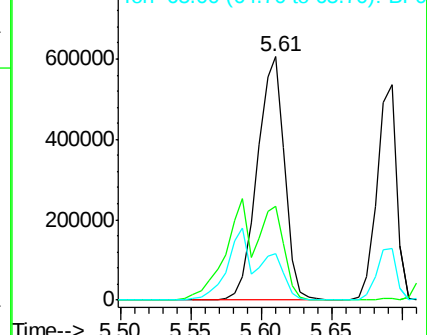
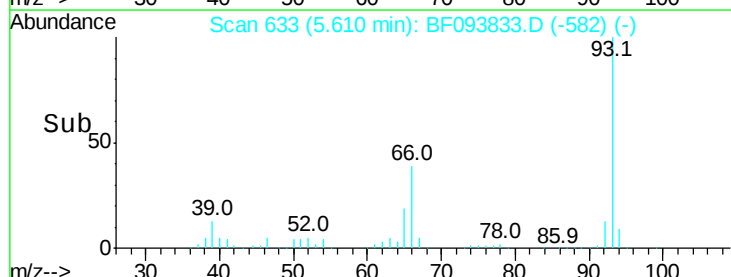
65 19.2 16.0 24.0

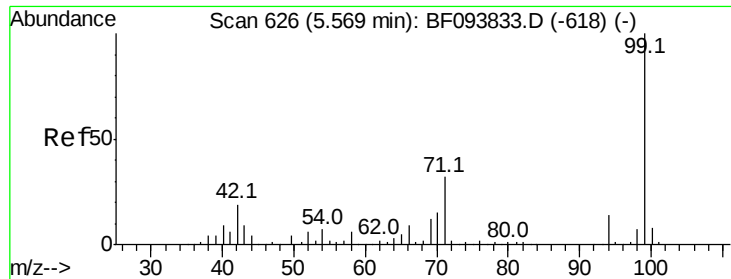


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.82 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

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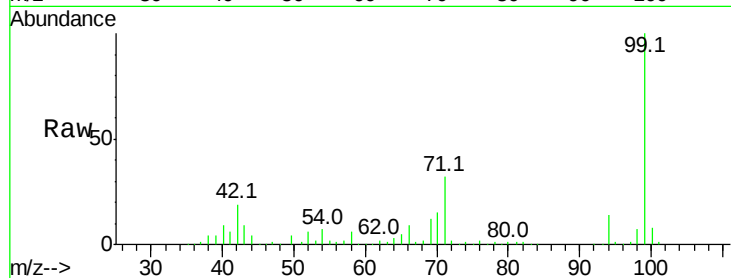
Tot Ion: 99 Resp: 1157282

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

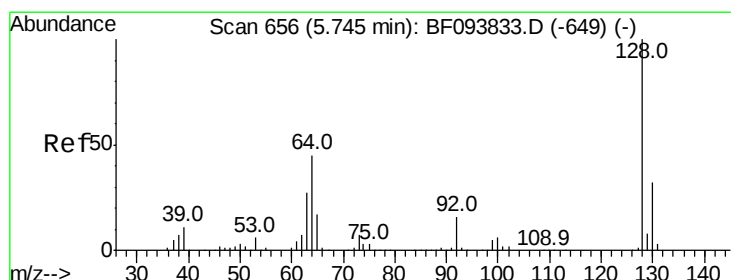
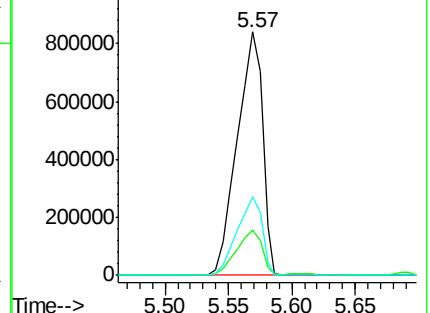
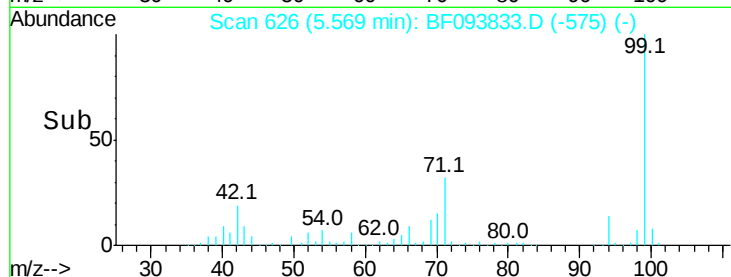
71 32.3 24.5 36.7



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: 42.59 ng

RT: 5.75 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

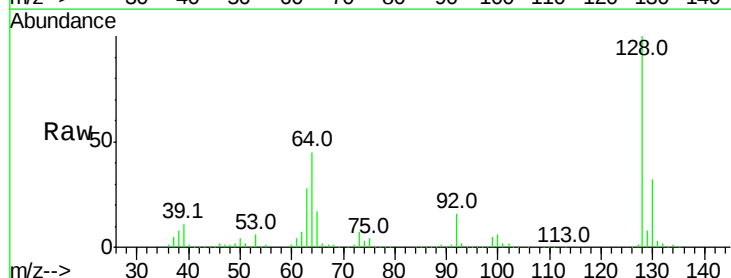
Tgt Ion:128 Resp: 523477

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

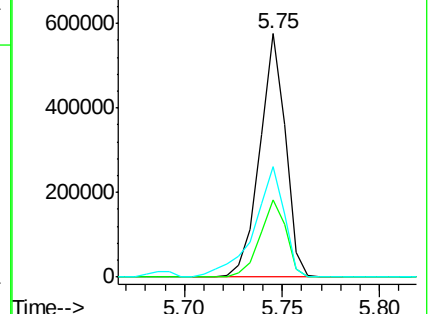
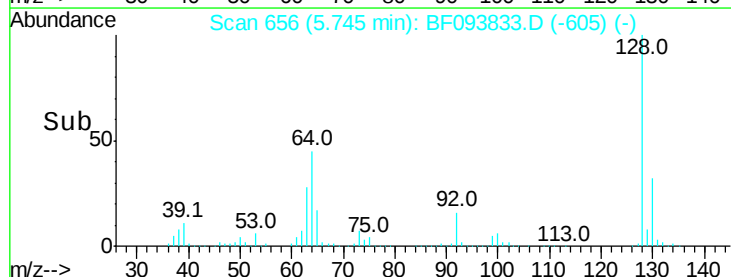
64 45.5 28.4 68.4

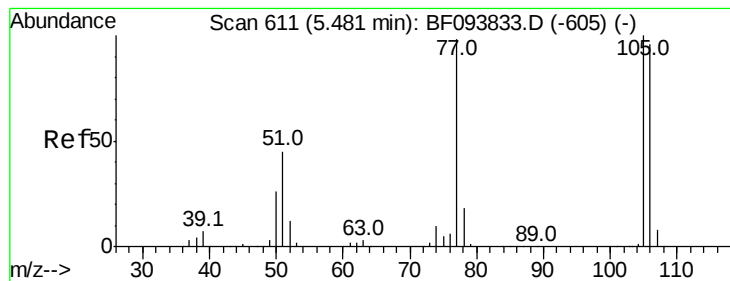


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.11 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.00 min

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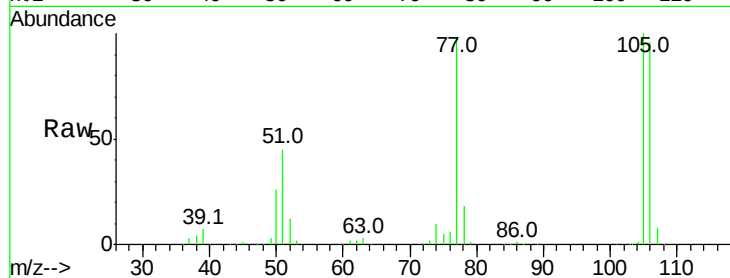
Tot Ion: 77 Resp: 391432

Ion Ratio Lower Upper

77 100

105 101.9 83.8 123.8

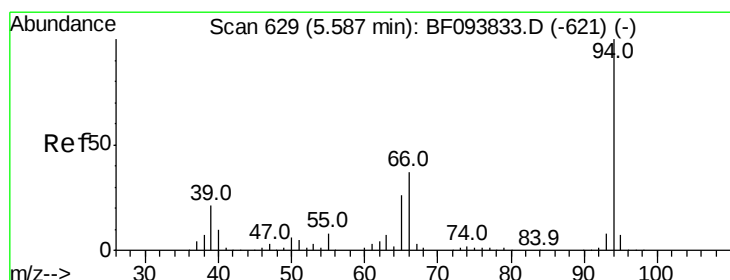
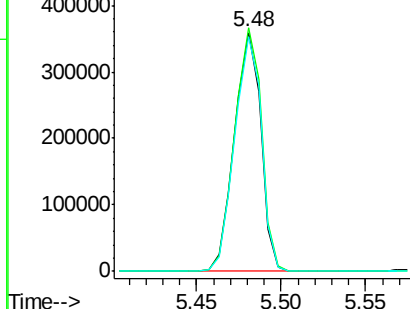
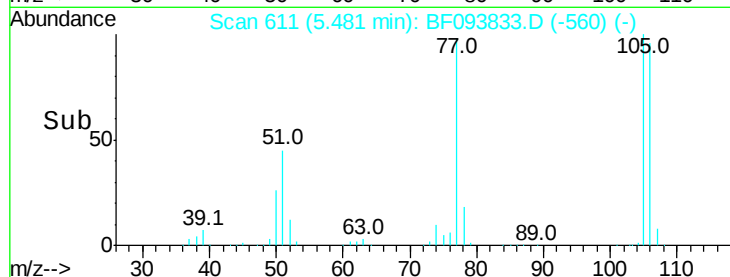
106 98.2 79.1 119.1



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: 44.42 ng

RT: 5.59 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

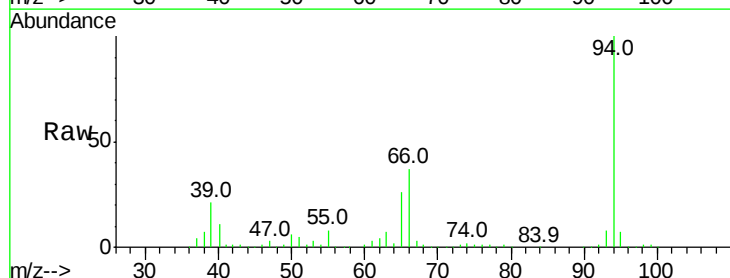
Tgt Ion: 94 Resp: 689412

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

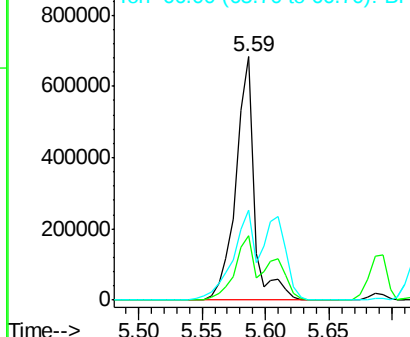
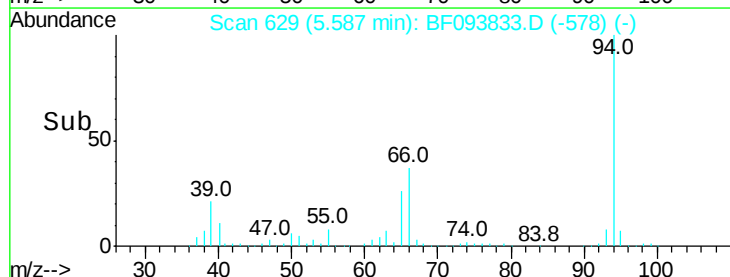
66 36.8 23.1 63.1

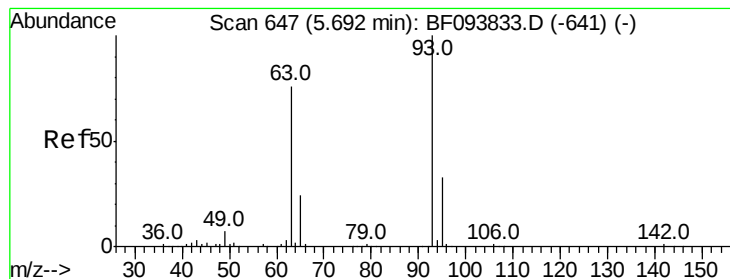


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.09 ng

RT: 5.69 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

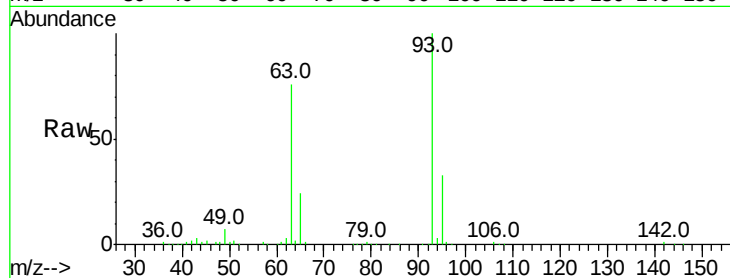
Tot Ion: 93 Resp: 517864

Ion Ratio Lower Upper

93 100

63 75.7 59.2 99.2

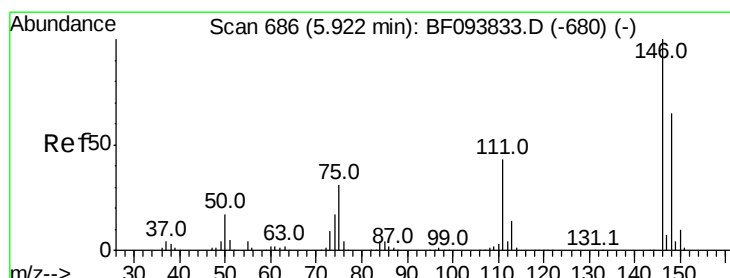
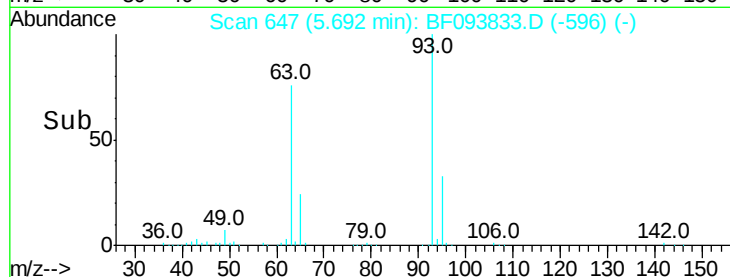
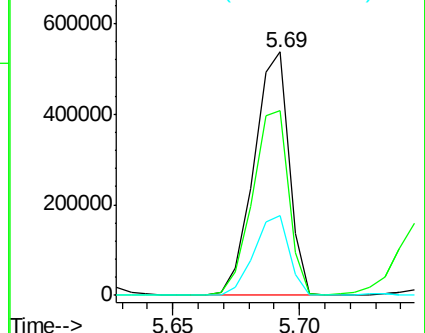
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.80 ng

RT: 5.92 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

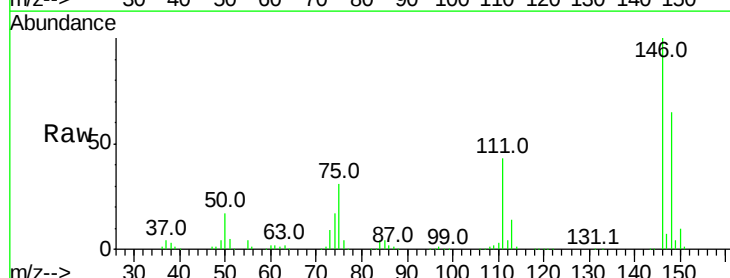
Tgt Ion: 146 Resp: 582638

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

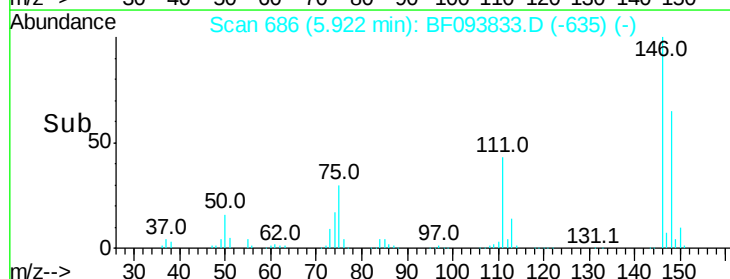
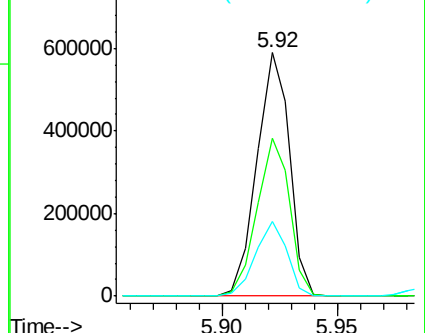
75 30.5 23.1 34.7

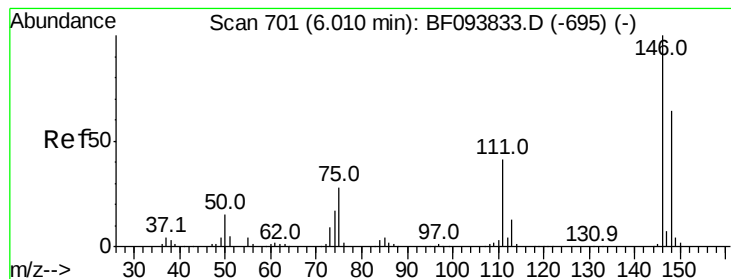


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.36 ng

RT: 6.01 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

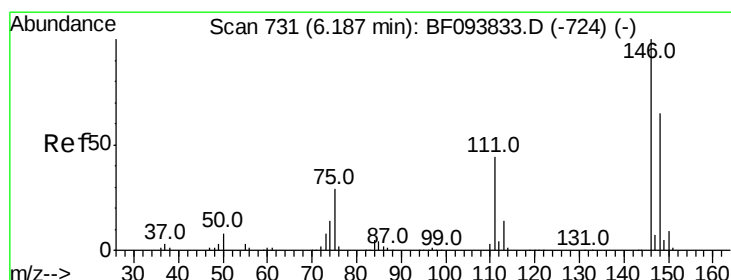
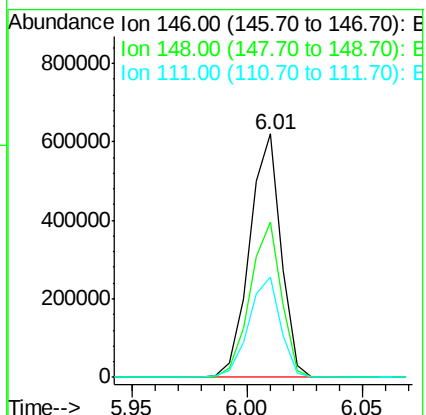
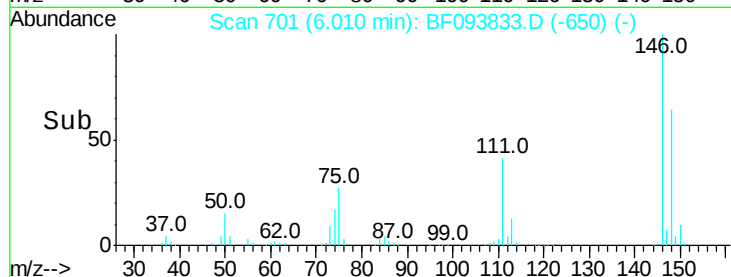
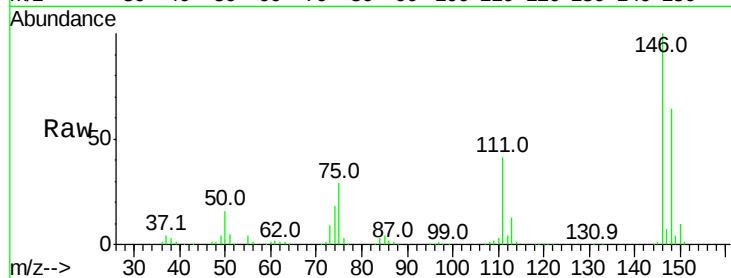
Tot Ion:146 Resp: 588212

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 41.0 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 41.21 ng

RT: 6.19 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

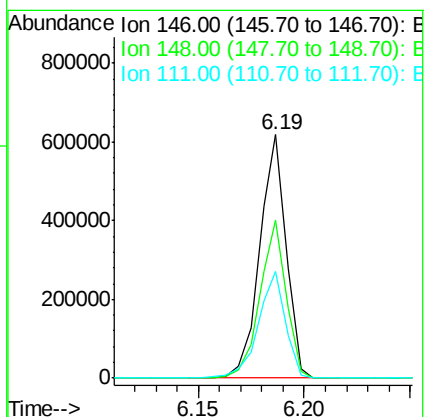
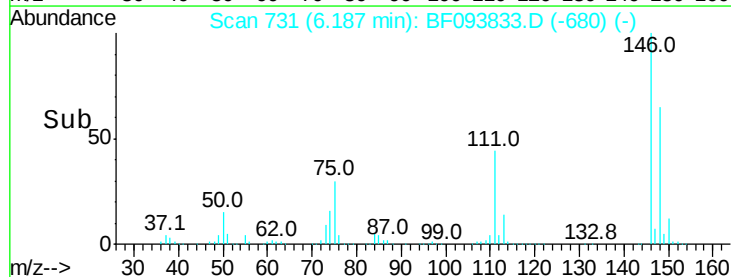
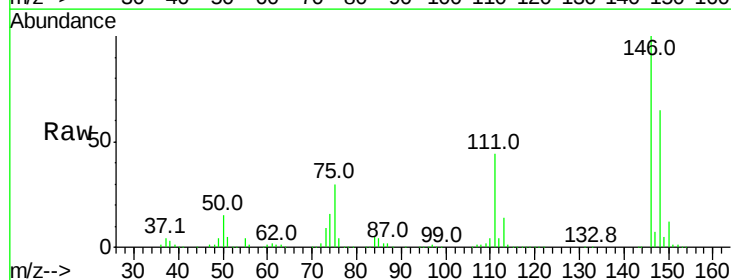
Tgt Ion:146 Resp: 537591

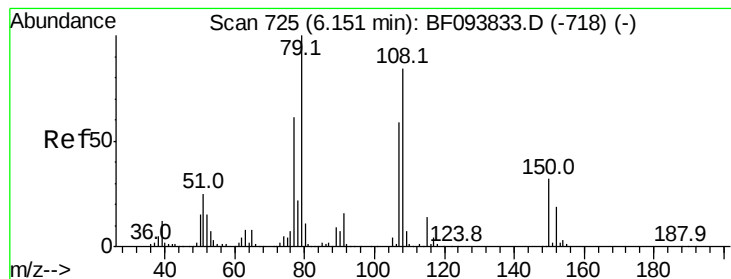
Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

111 43.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 42.58 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

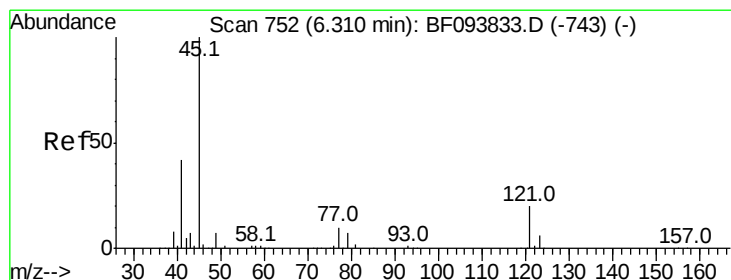
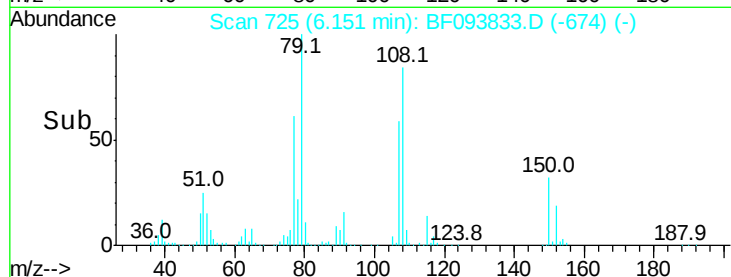
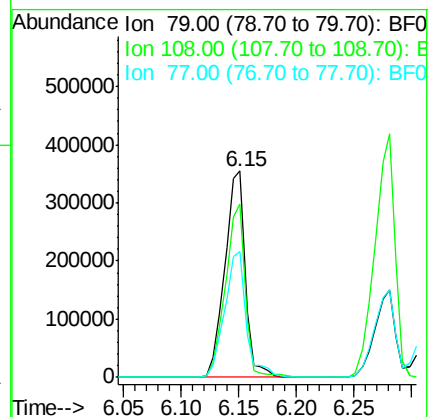
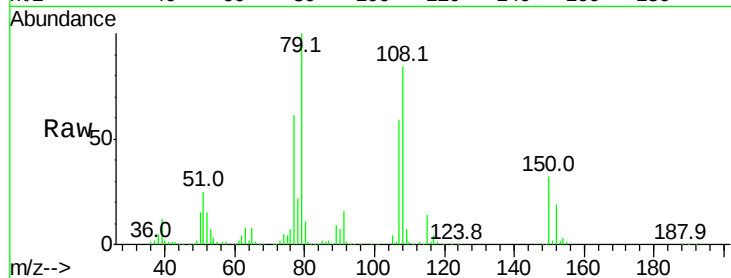
Tot Ion: 79 Resp: 435617

Ion Ratio Lower Upper

79 100

108 84.1 63.4 95.0

77 61.0 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.43 ng

RT: 6.31 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

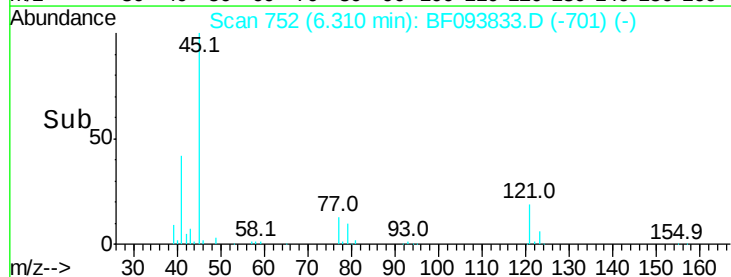
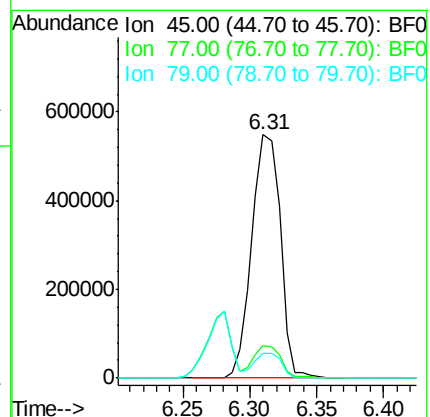
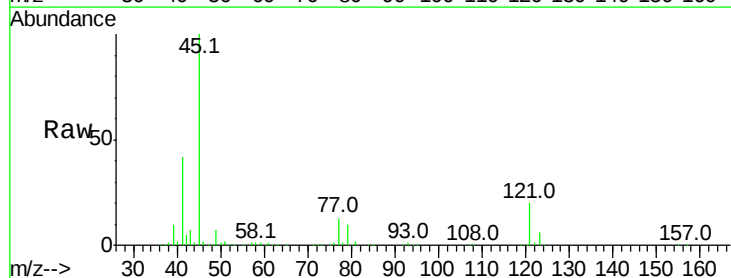
Tgt Ion: 45 Resp: 810067

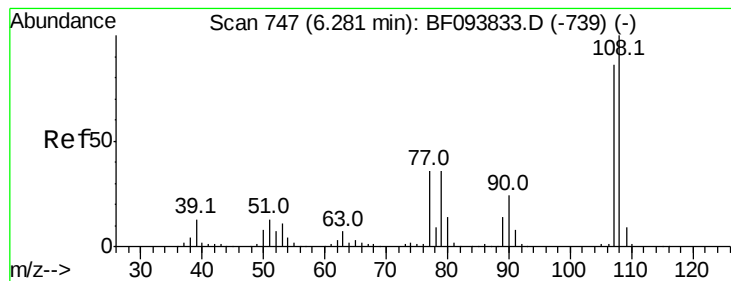
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.2

79 10.3 0.0 30.0





#17

2-Methylphenol

Concen: 41.30 ng

RT: 6.28 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 445424

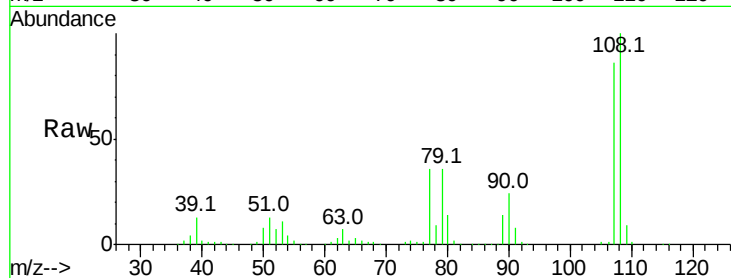
Ion Ratio Lower Upper

107 100

108 115.8 93.4 140.0

77 41.9 35.8 53.6

79 41.7 34.8 52.2

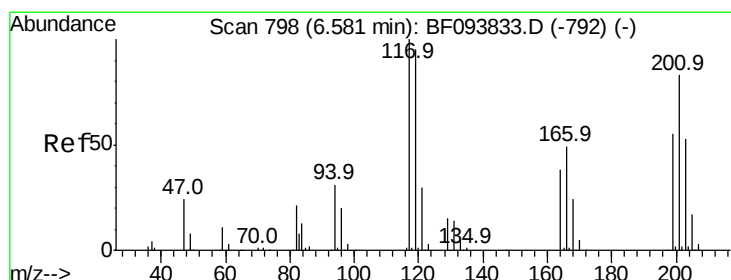
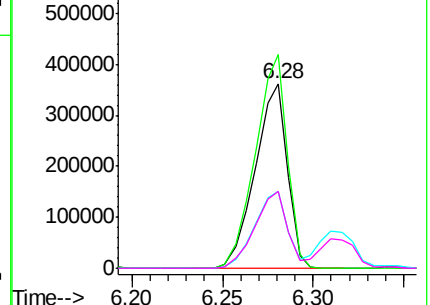
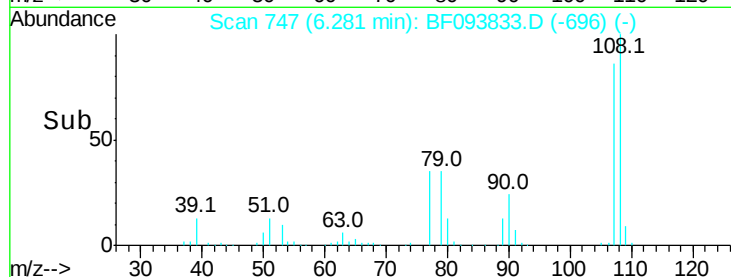


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.80 ng

RT: 6.58 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

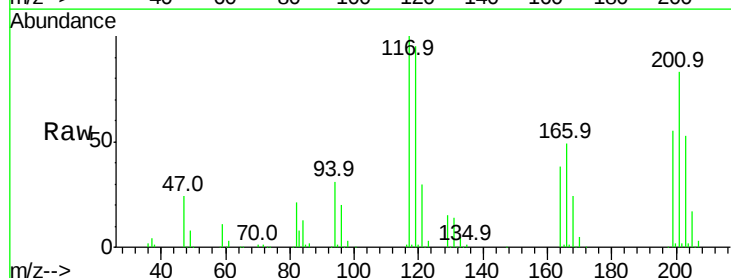
Tgt Ion:117 Resp: 210772

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.0

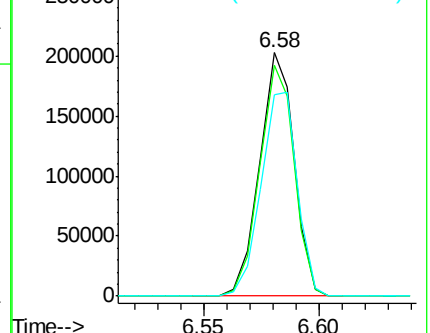
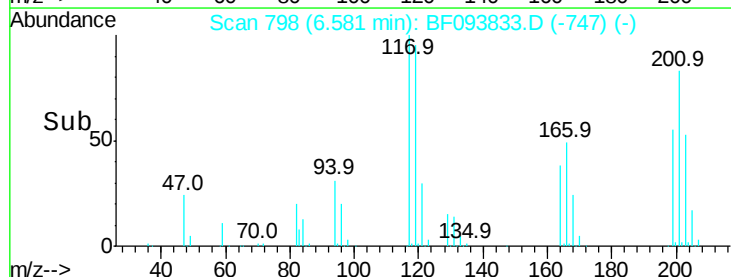
201 82.5 94.6 141.8#

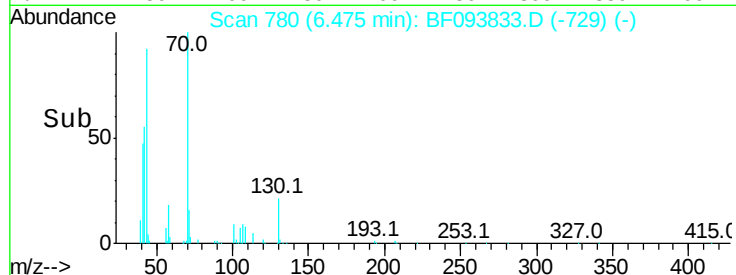
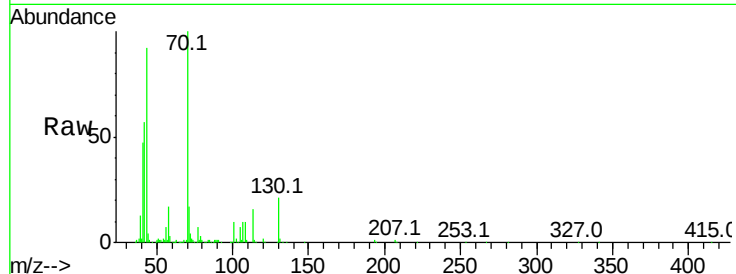


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

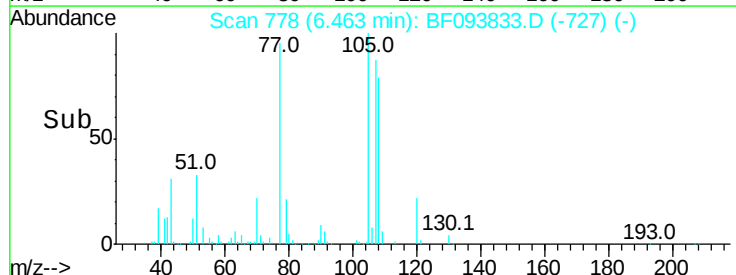
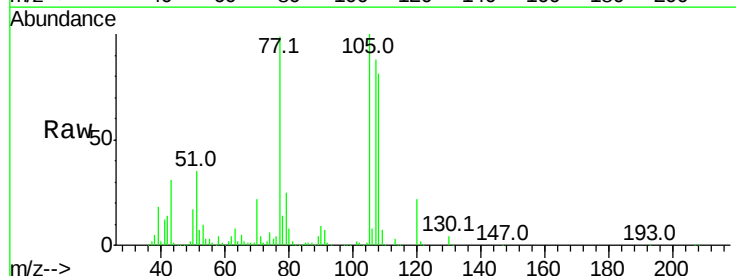
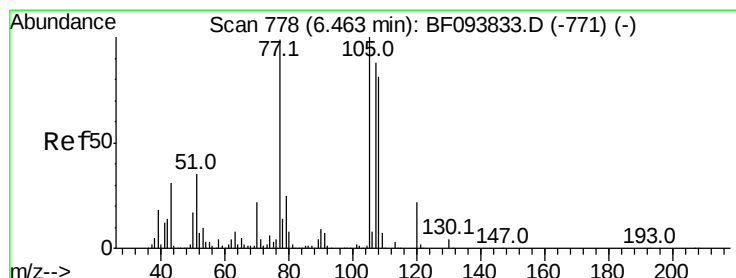
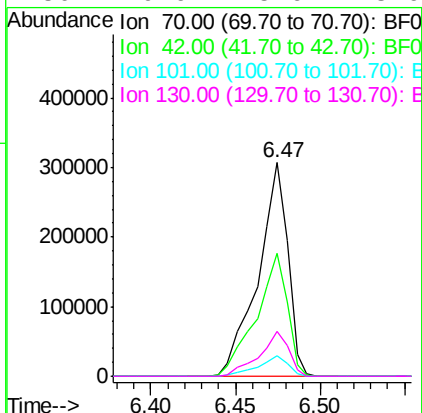




#19
n-Nitroso-di-n-propylamine
Concen: 41.36 ng
RT: 6.47 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

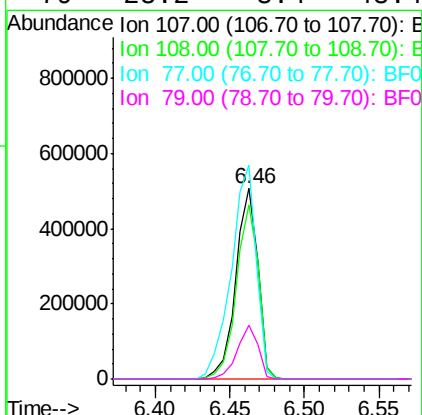
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

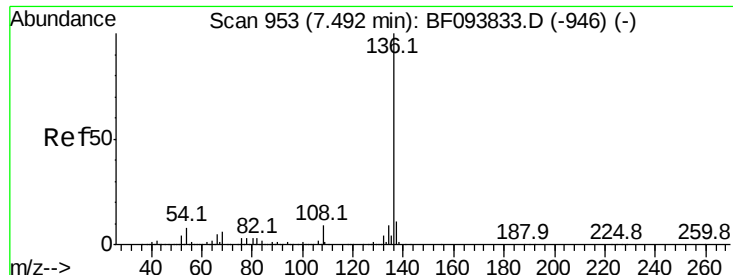
Tot Ion:	70	Resp:	374174
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.2	70.8
101	9.6	7.2	10.8
130	20.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.19 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:	107	Resp:	525962
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	112.1	90.5	130.5
79	28.2	8.4	48.4

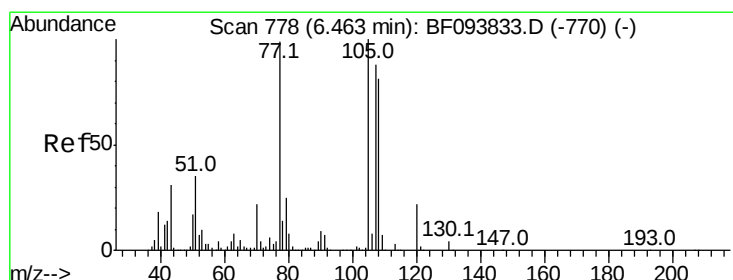
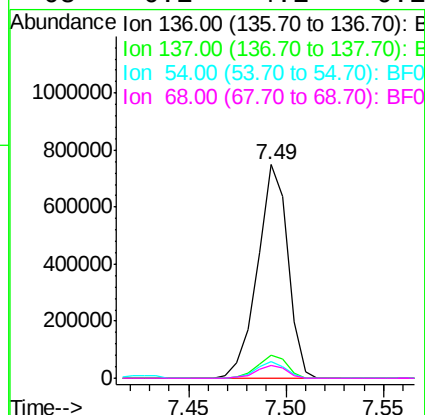
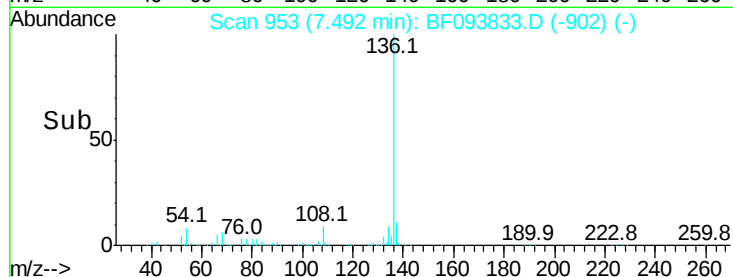
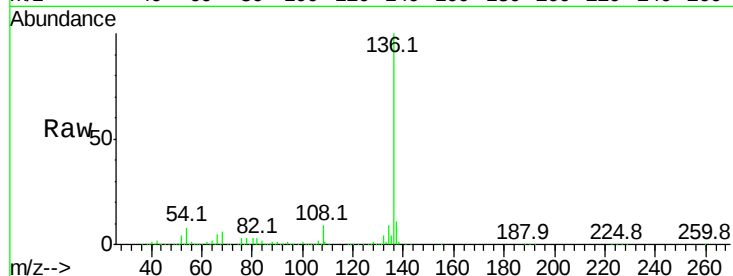




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

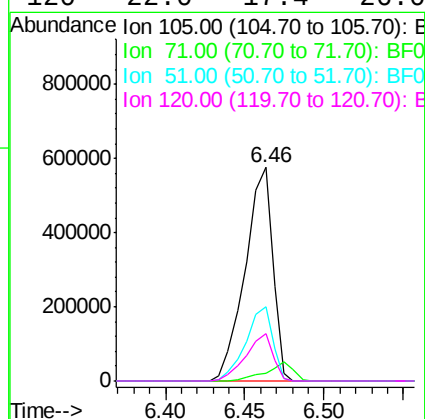
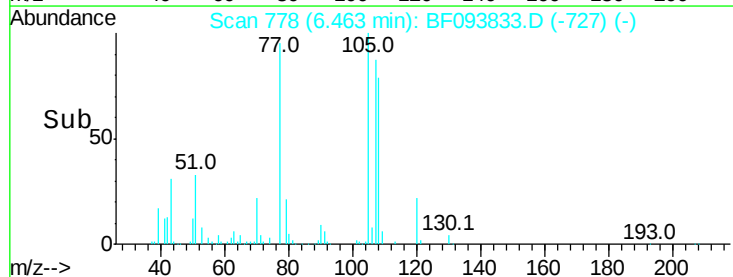
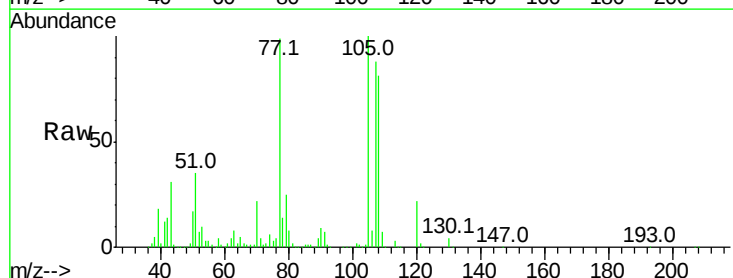
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

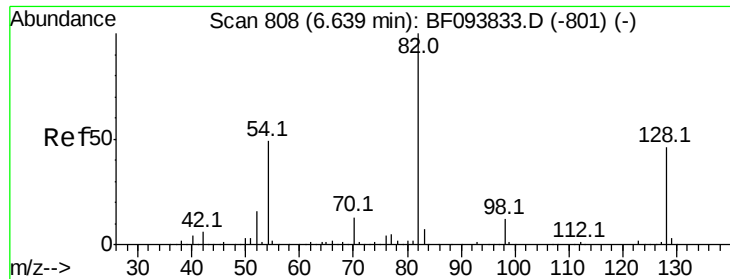
Tot Ion:136	Resp: 804573
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 8.0	4.9 7.3#
68 6.1	4.1 6.1



#22
Acetophenone
Concen: 39.99 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:105	Resp: 696763
Ion Ratio	Lower Upper
105 100	
71 3.8	2.8 4.2
51 34.9	30.7 46.1
120 22.0	17.4 26.0

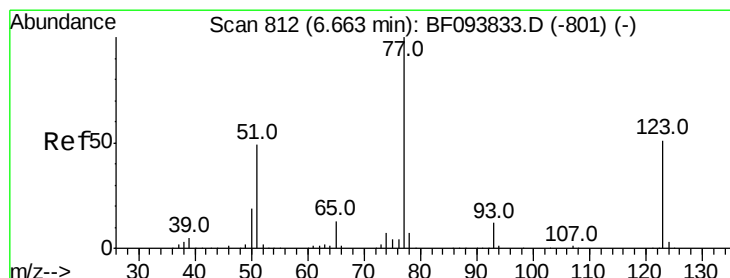
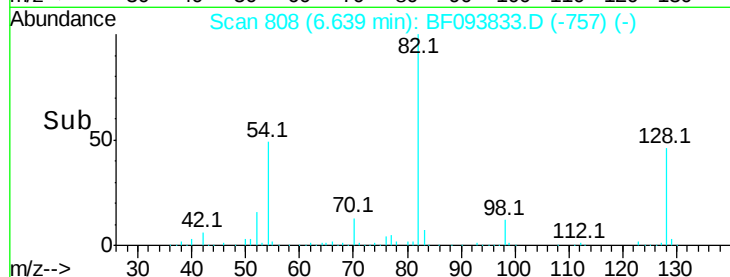
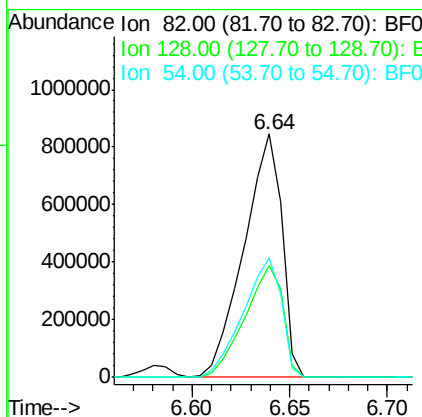
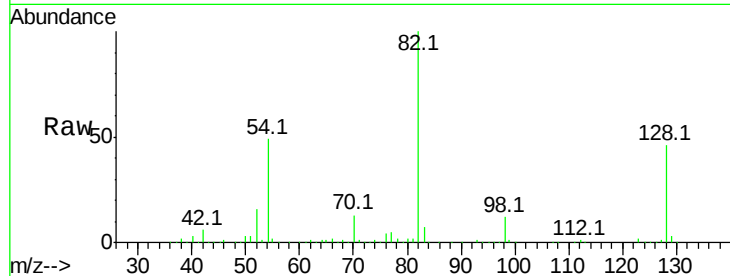




#23
Nitrobenzene-d5
Concen: 80.38 ng
RT: 6.64 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

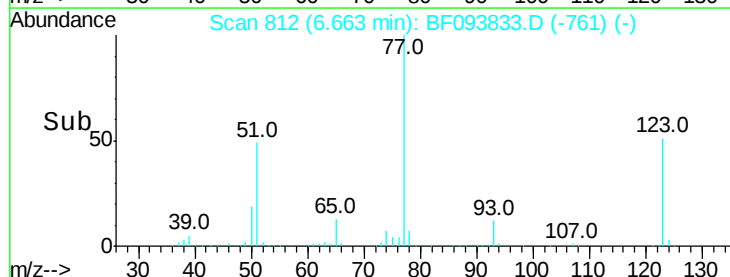
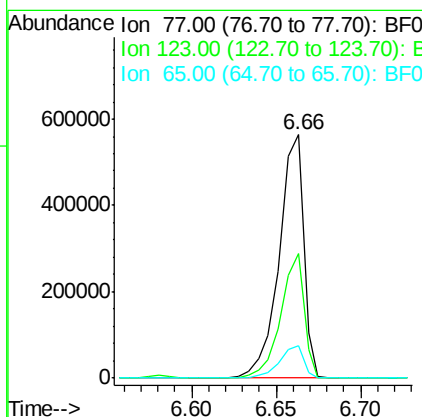
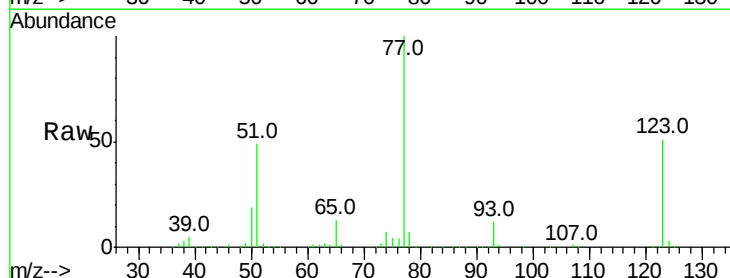
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

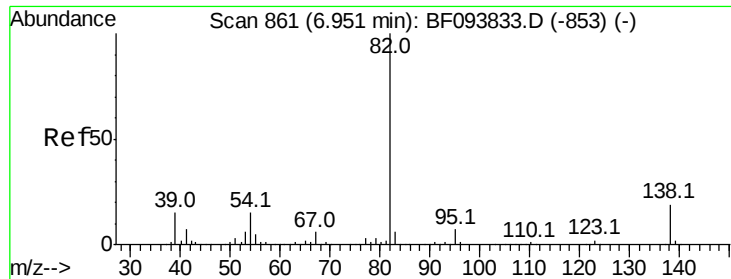
Tot Ion: 82 Resp: 1140085
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 49.3 42.2 63.2



#24
Nitrobenzene
Concen: 41.63 ng
RT: 6.66 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion: 77 Resp: 564041
Ion Ratio Lower Upper
77 100
123 51.3 35.8 53.8
65 13.1 10.6 15.8





#25

Isophorone

Concen: 39.51 ng

RT: 6.95 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

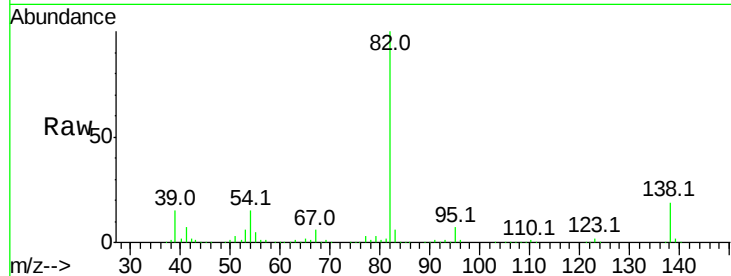
Tot Ion: 82 Resp: 992846

Ion Ratio Lower Upper

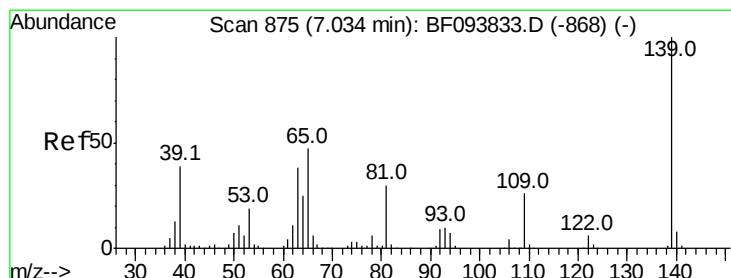
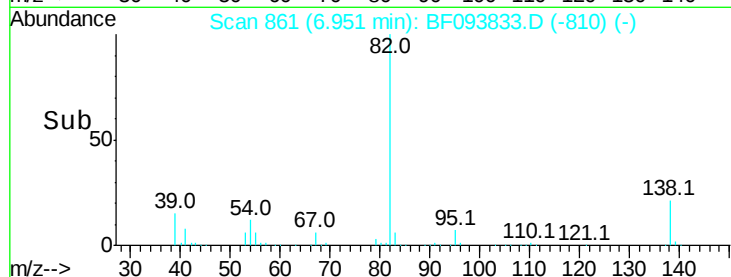
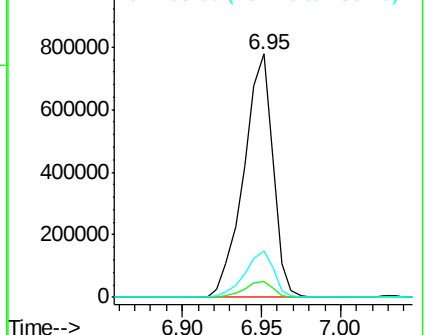
82 100

95 6.6 5.3 7.9

138 18.9 13.1 19.7



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



#26

2-Nitrophenol

Concen: 46.26 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

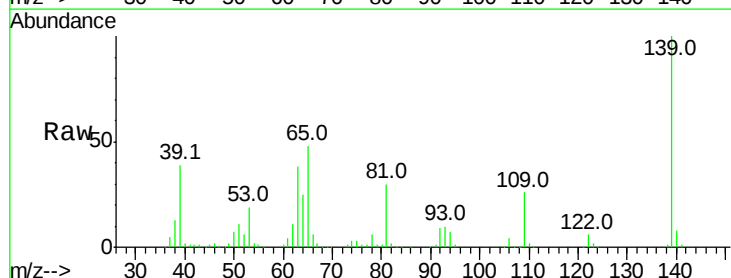
Tgt Ion: 139 Resp: 283476

Ion Ratio Lower Upper

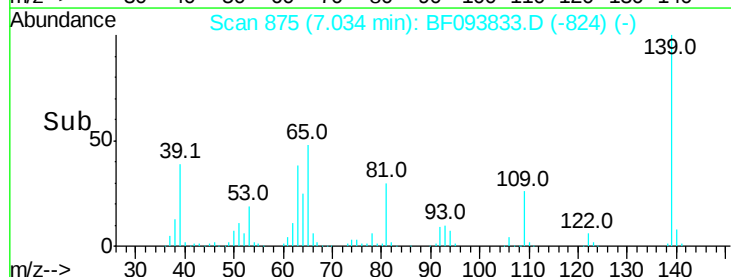
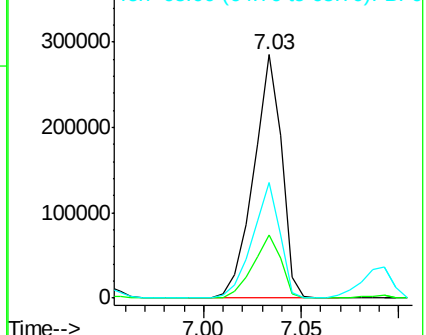
139 100

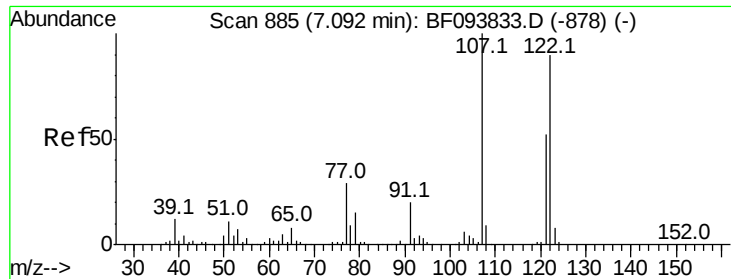
109 26.2 21.0 31.6

65 47.7 33.0 49.6



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

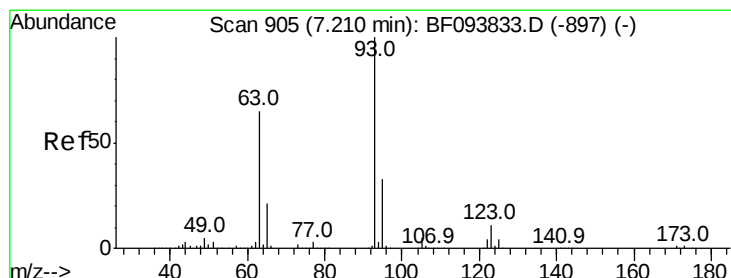
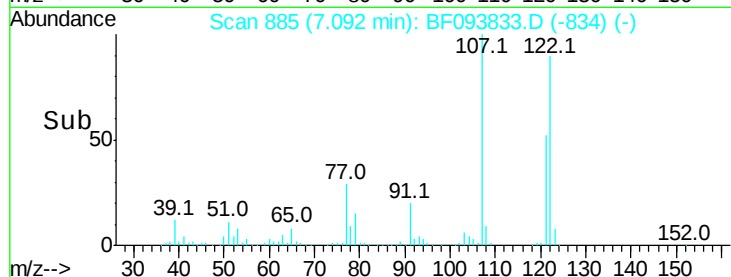
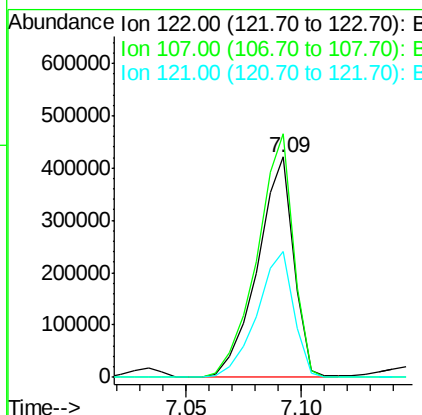
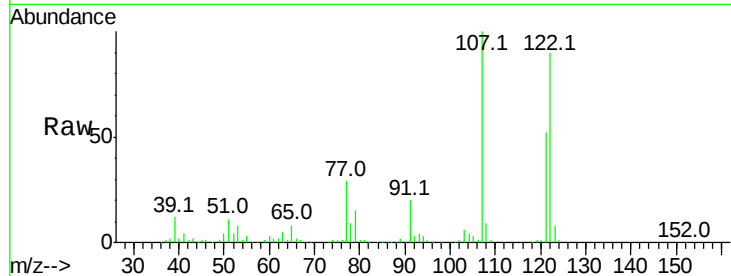




#27
2,4-Dimethylphenol
Concen: 36.53 ng
RT: 7.09 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

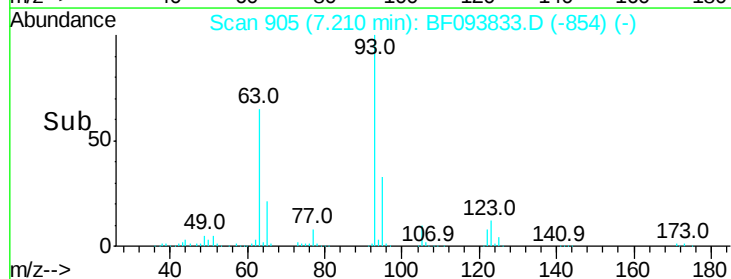
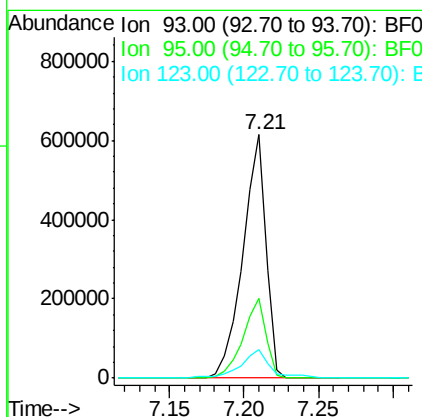
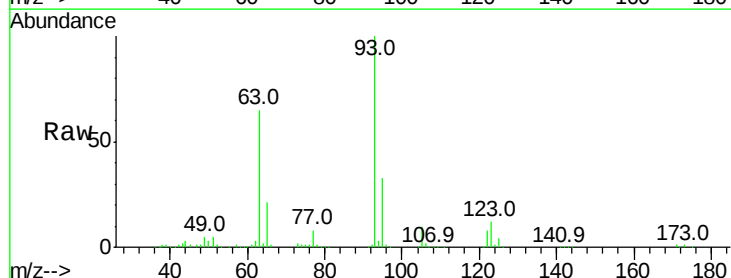
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

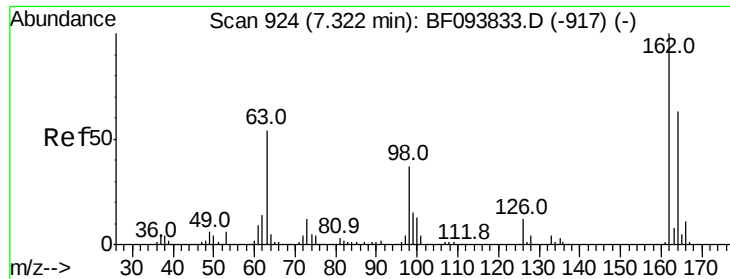
Tot Ion:122 Resp: 460366
Ion Ratio Lower Upper
122 100
107 110.6 89.2 133.8
121 57.1 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.61 ng
RT: 7.21 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion: 93 Resp: 656510
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.6 9.0 13.4

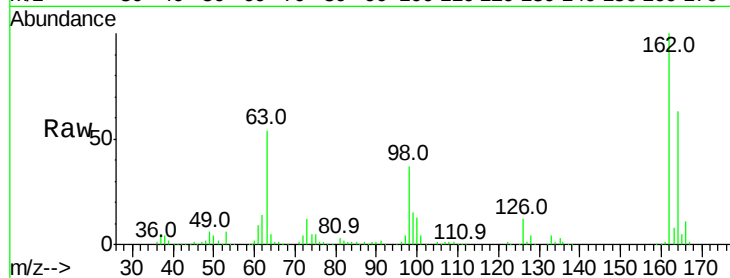




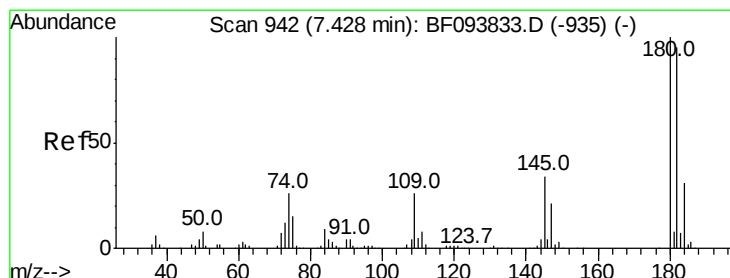
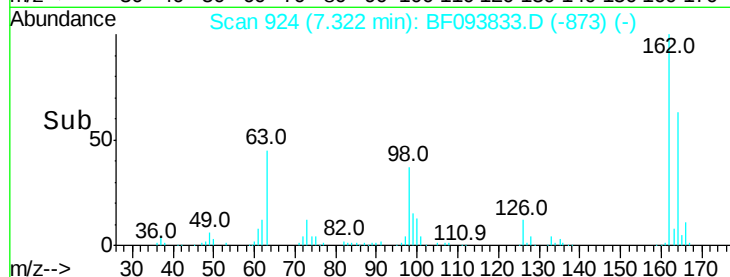
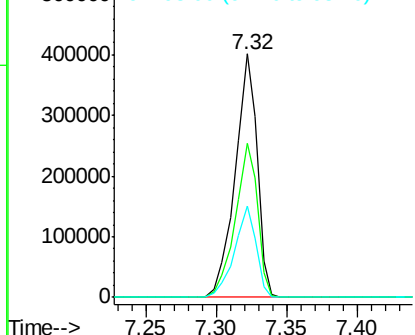
#29
 2,4-Dichlorophenol
 Concen: 40.54 ng
 RT: 7.32 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	37.3	14.8	54.8

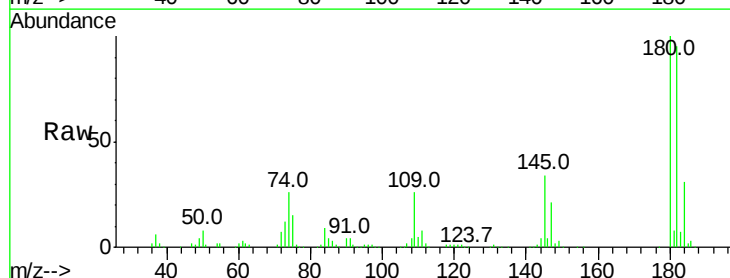


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

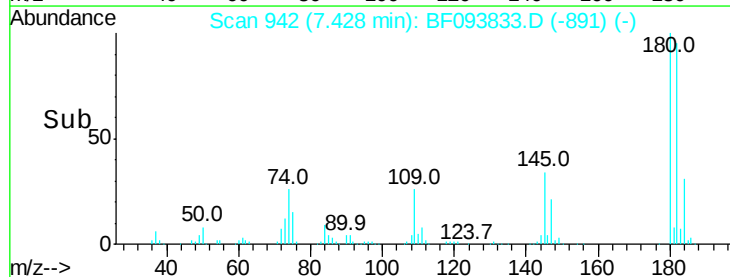
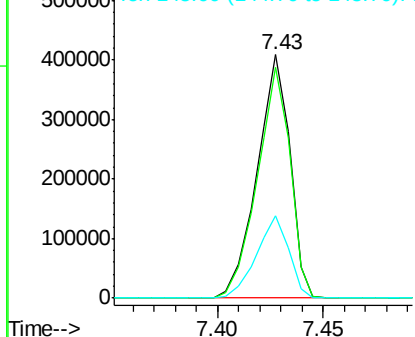


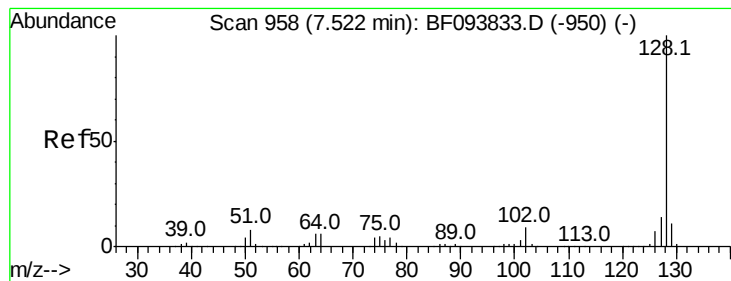
#30
 1,2,4-Trichlorobenzene
 Concen: 39.64 ng
 RT: 7.43 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	33.7	25.3	37.9



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





#31

Naphthalene

Concen: 41.05 ng

RT: 7.52 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

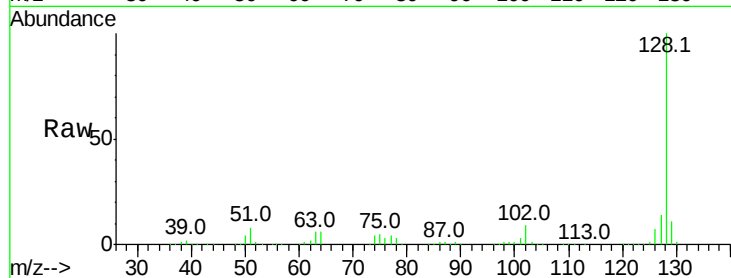
Tot Ion:128 Resp: 1532957

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

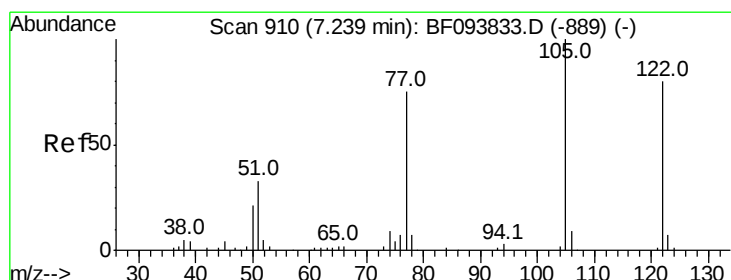
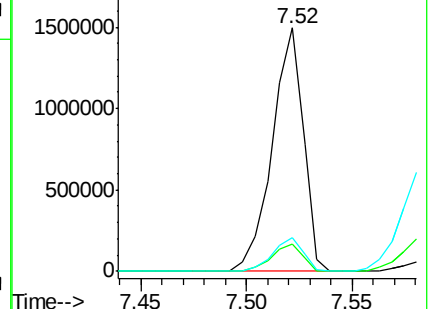
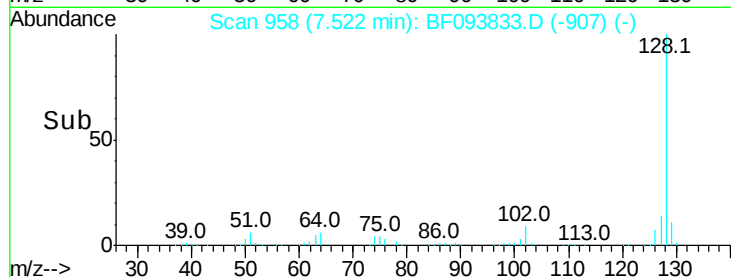
127 13.7 10.8 16.2



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: 44.02 ng

RT: 7.24 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

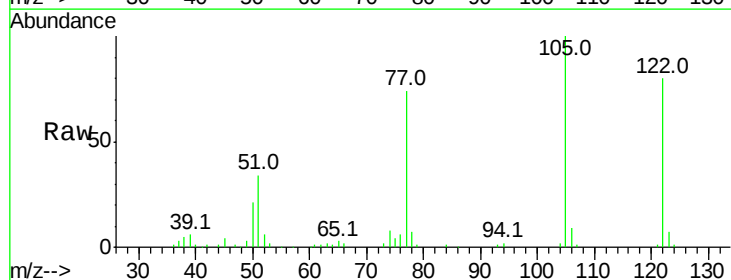
Tgt Ion:122 Resp: 345015

Ion Ratio Lower Upper

122 100

105 125.1 103.3 143.3

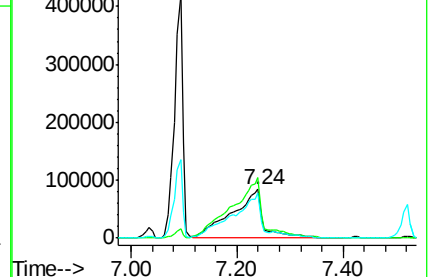
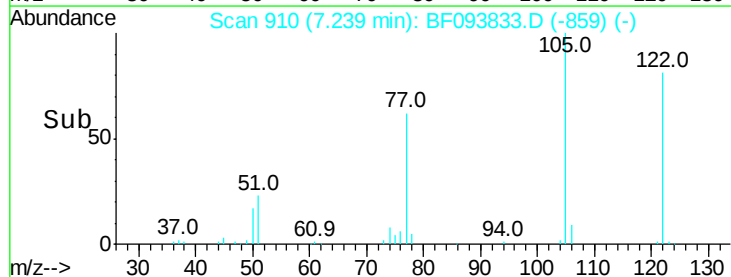
77 92.9 73.7 113.7



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: 39.46 ng

RT: 7.58 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:127 Resp: 633300

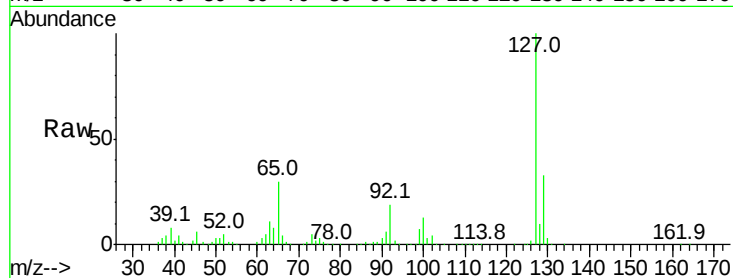
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.2

65 29.6 27.8 41.8

92 19.1 16.8 25.2

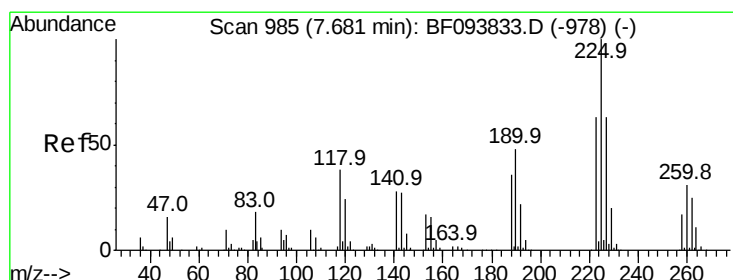
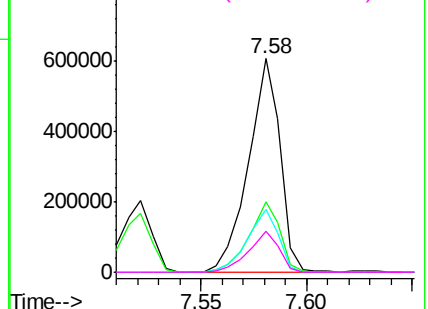
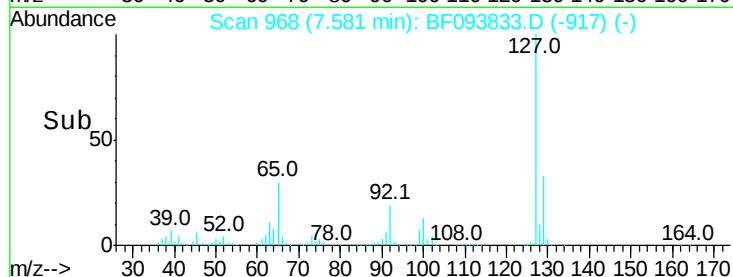


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.60 ng

RT: 7.68 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

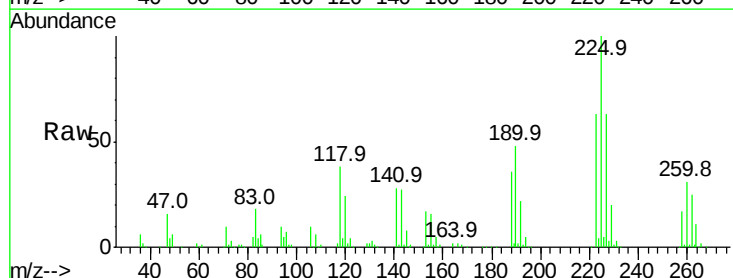
Tgt Ion:225 Resp: 226160

Ion Ratio Lower Upper

225 100

223 63.0 48.8 73.2

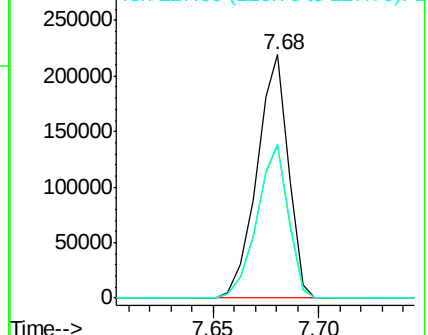
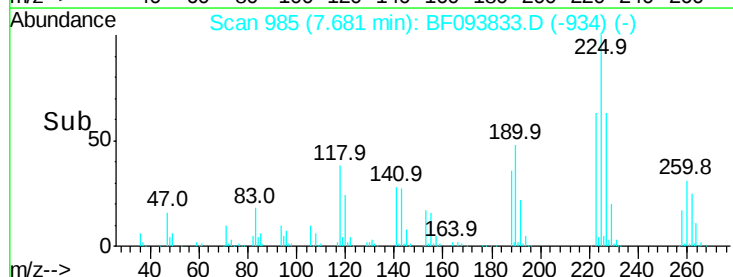
227 63.5 51.1 76.7

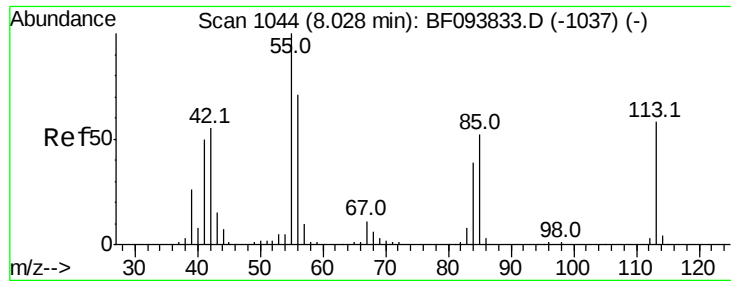


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

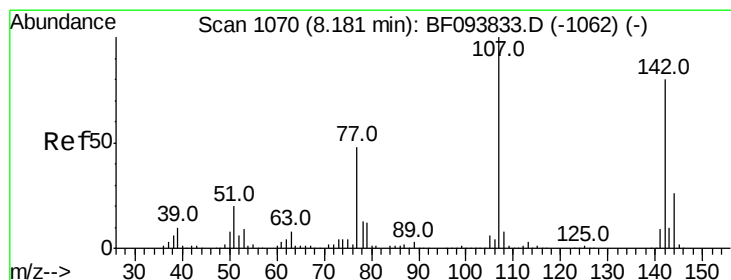
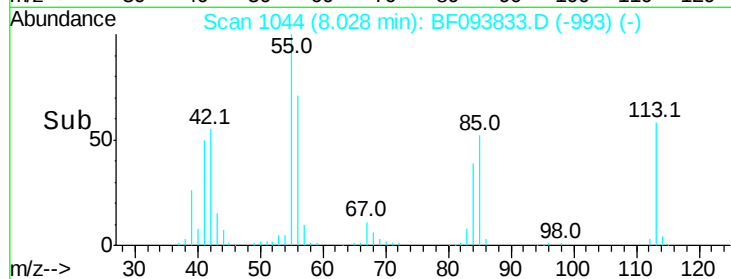
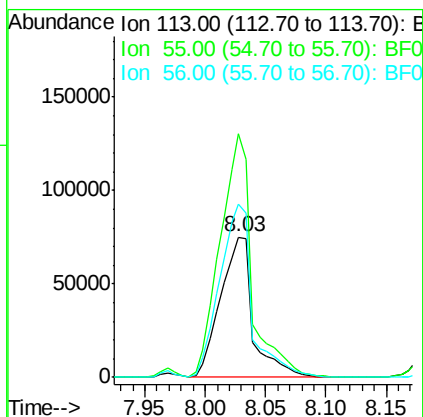
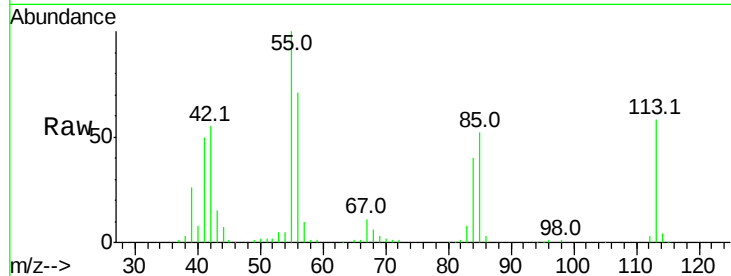




#35
 Caprolactam
 Concen: 41.90 ng
 RT: 8.03 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

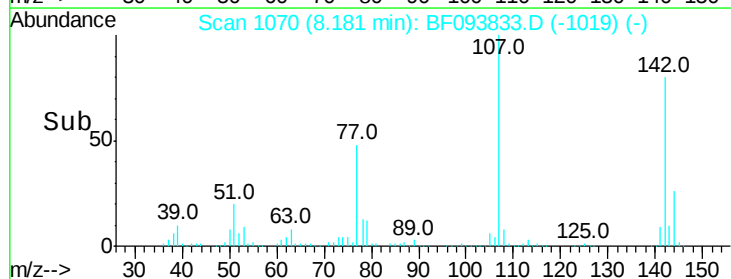
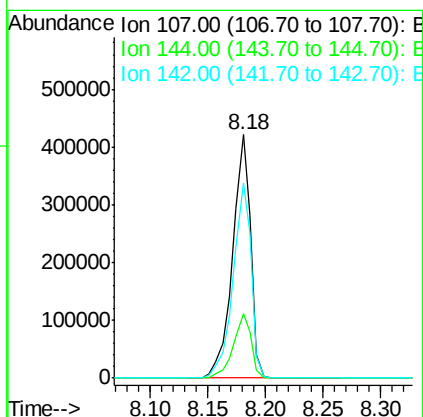
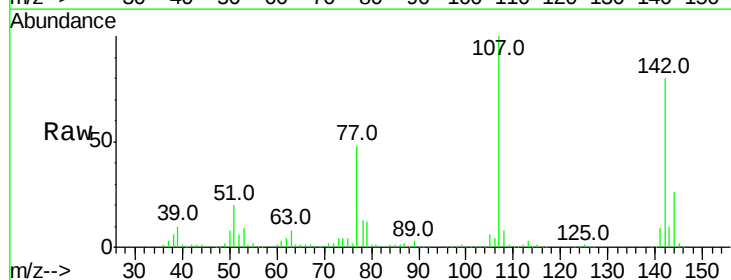
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

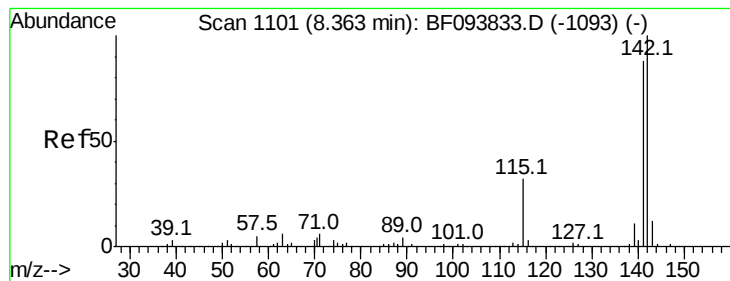
Tot Ion:113 Resp: 141104
 Ion Ratio Lower Upper
 113 100
 55 173.5 150.2 190.2
 56 123.6 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.70 ng
 RT: 8.18 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:107 Resp: 452440
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.3 73.4 110.0





#37

2-Methylnaphthalene

Concen: 42.20 ng

RT: 8.36 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

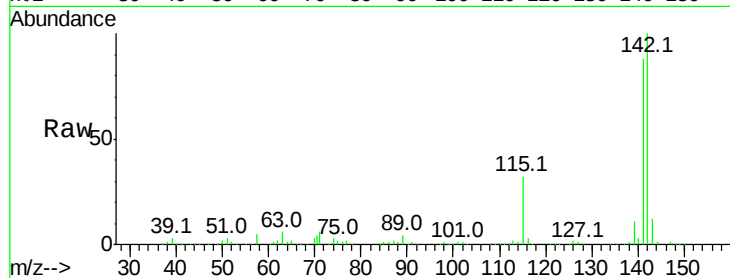
Tot Ion:142 Resp: 1028689

Ion Ratio Lower Upper

142 100

141 87.8 71.3 106.9

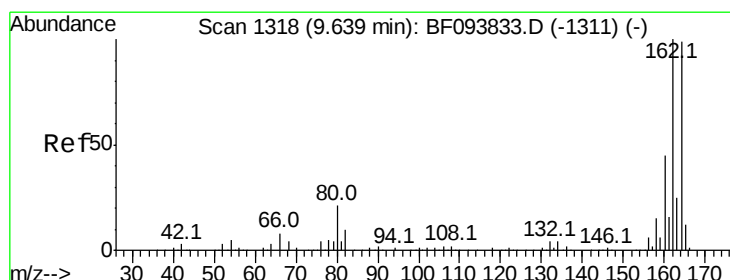
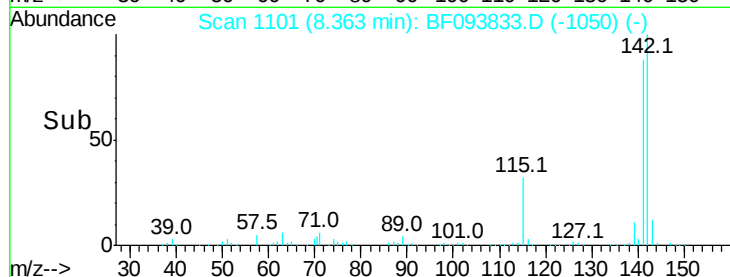
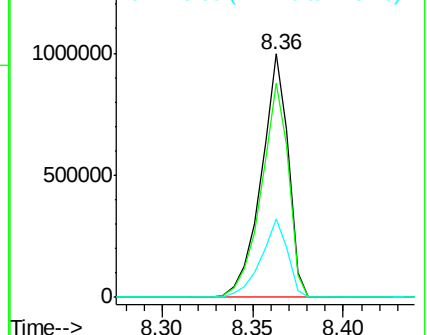
115 32.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

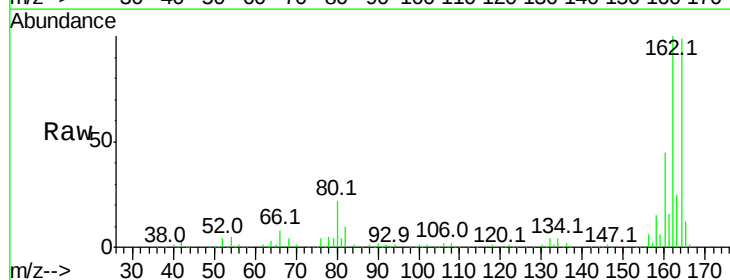
Tgt Ion:164 Resp: 357725

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

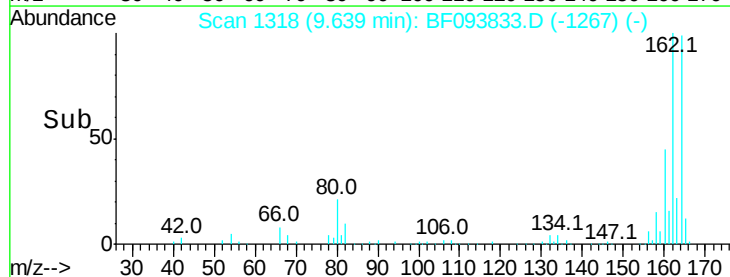
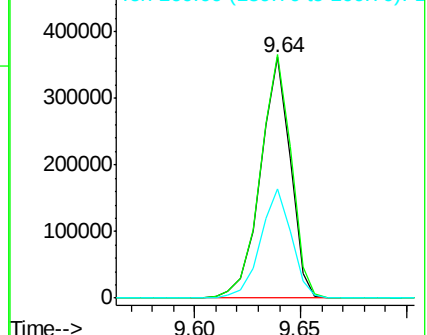
160 45.7 36.2 54.2

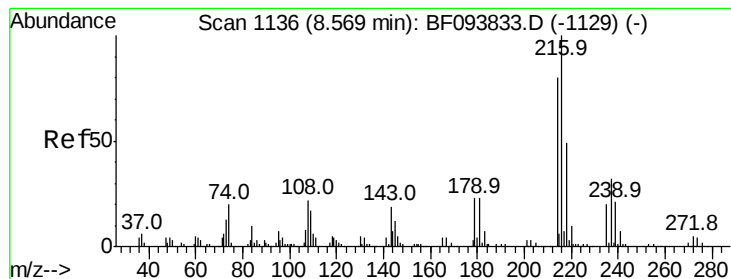


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.12 ng

RT: 8.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 389556

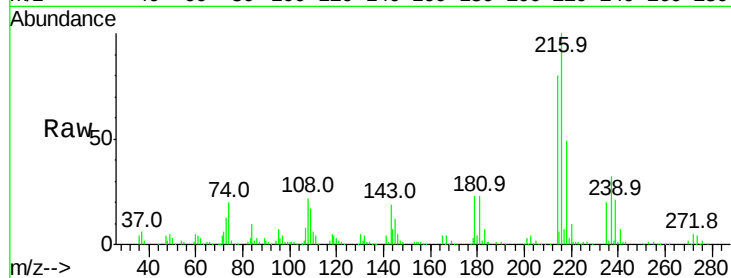
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.3 17.9 26.9

108 21.4 16.5 24.7

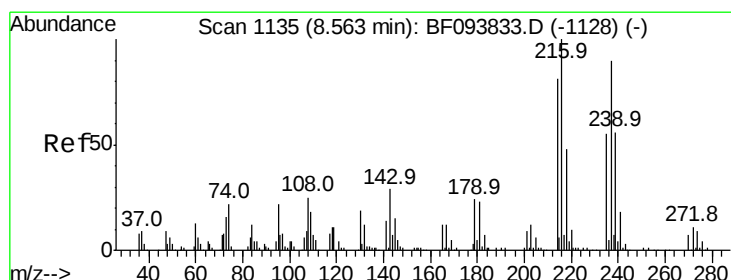
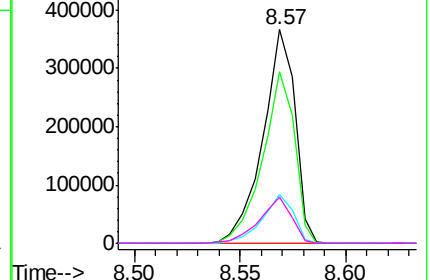
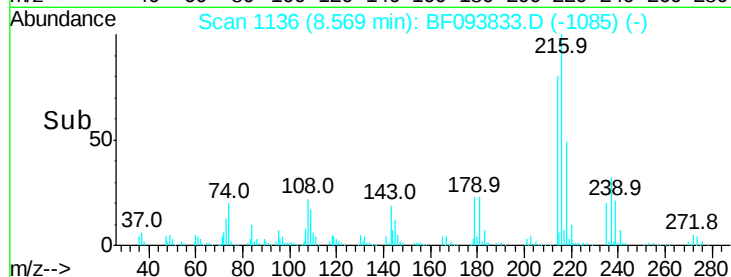


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.30 ng

RT: 8.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

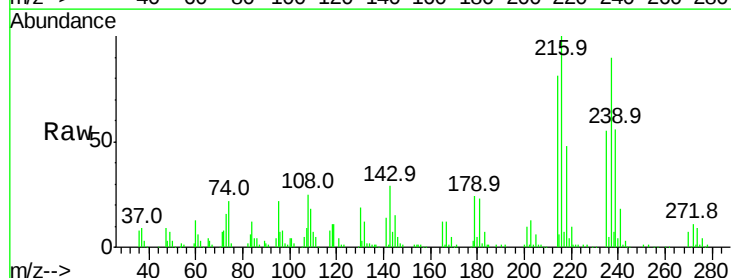
Tgt Ion:237 Resp: 197403

Ion Ratio Lower Upper

237 100

235 61.9 42.6 82.6

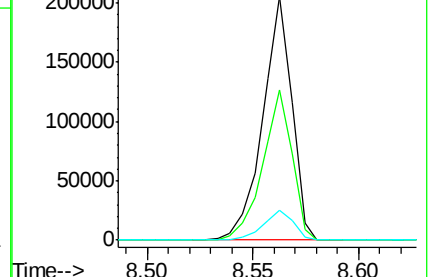
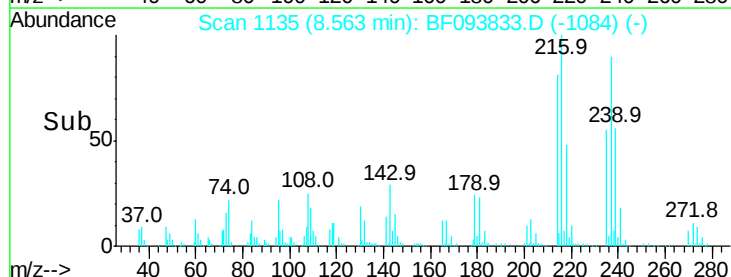
272 12.5 0.0 31.9



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

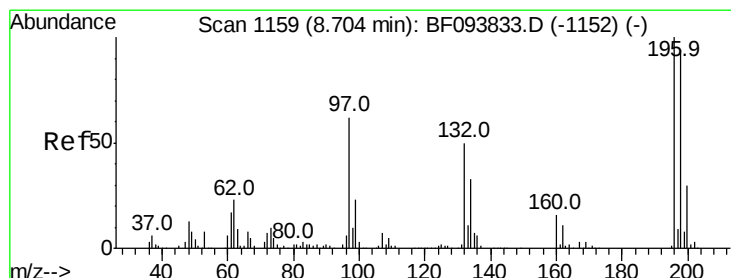
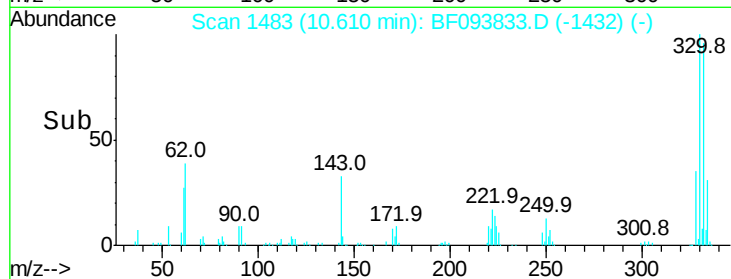
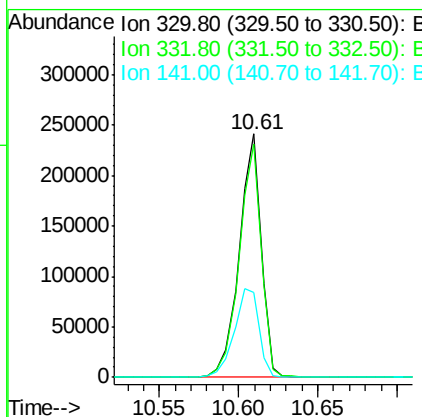
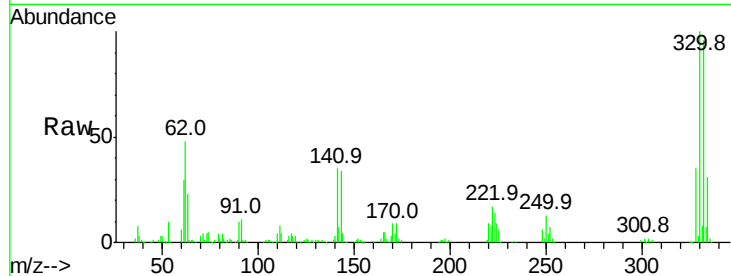




#41
 2,4,6-Tribromophenol
 Concen: 83.76 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

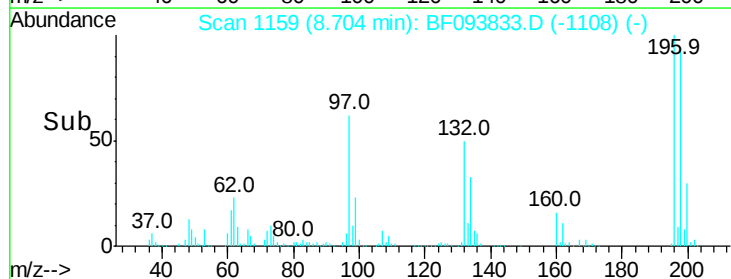
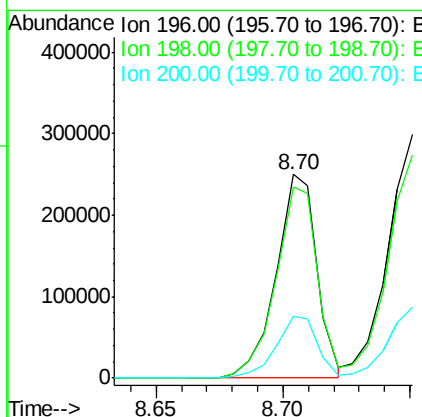
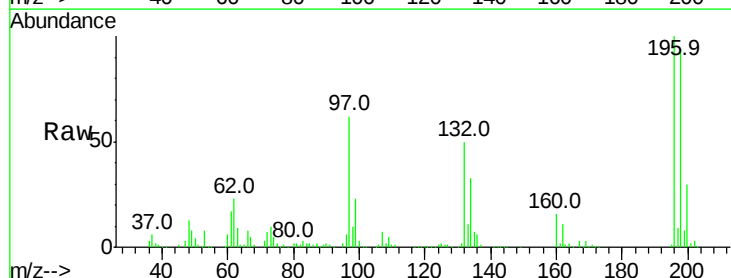
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	41.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.79 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.2	111.4
200	30.2	24.0	36.0

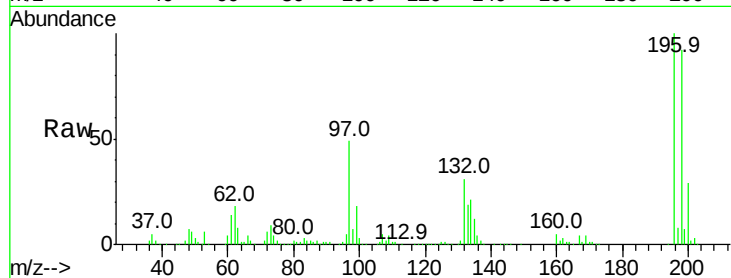




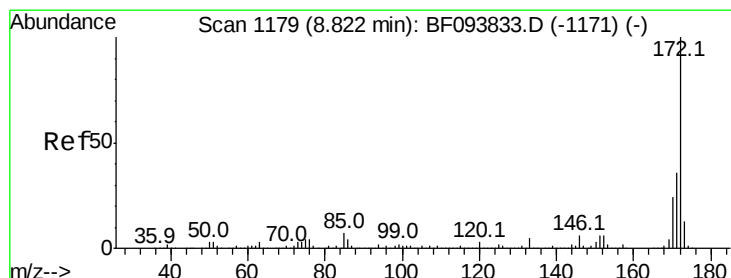
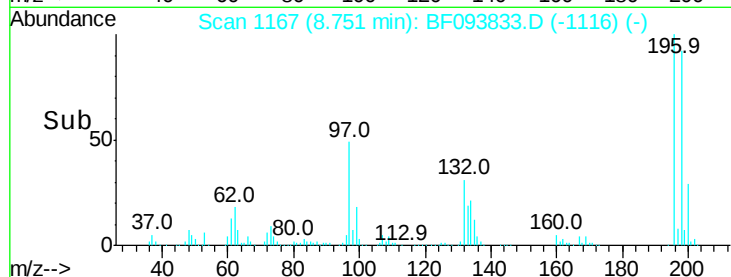
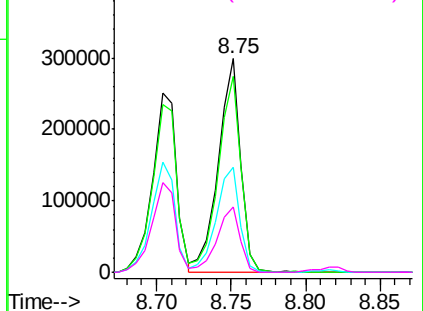
#43
 2,4,5-Trichlorophenol
 Concen: 44.04 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	196	Resp:	314407
Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.7	113.5
97	49.2	47.7	71.5
132	30.5	28.0	42.0

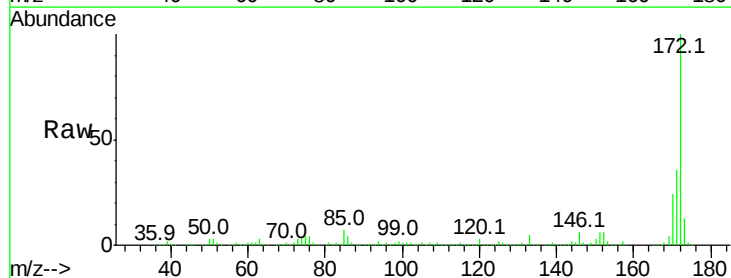


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

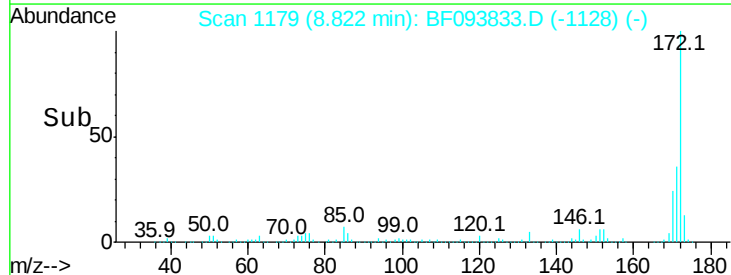
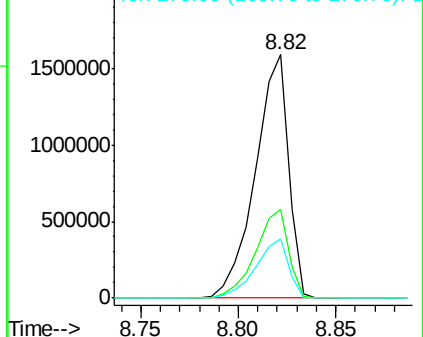


#44
 2-Fluorobiphenyl
 Concen: 88.05 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:	172	Resp:	1873230
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 39.80 ng

RT: 8.94 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

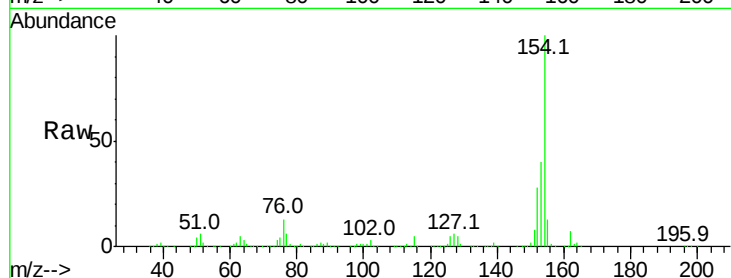
Tot Ion:154 Resp: 1157210

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

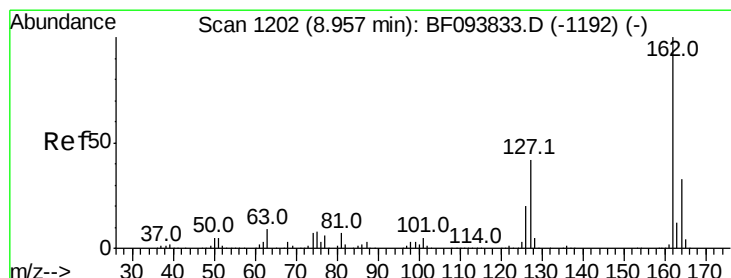
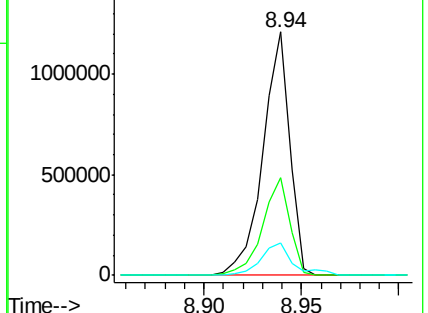
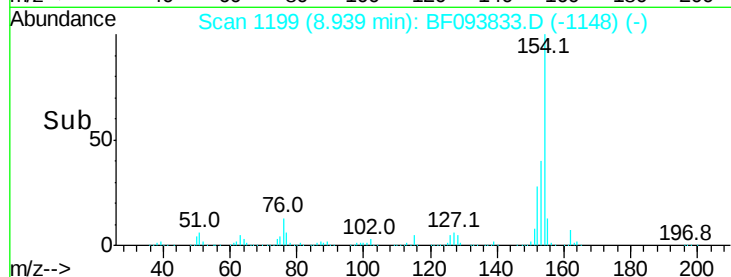
76 13.2 0.0 29.9



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: 40.32 ng

RT: 8.96 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

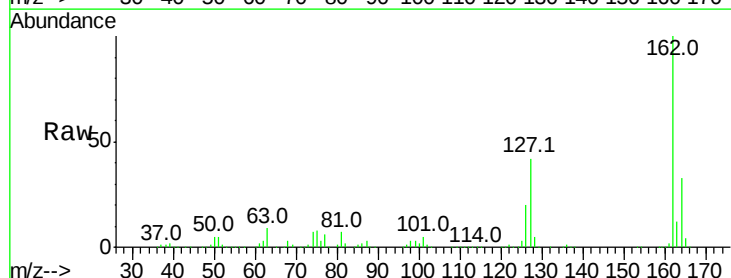
Tgt Ion:162 Resp: 898720

Ion Ratio Lower Upper

162 100

127 41.6 28.3 42.5

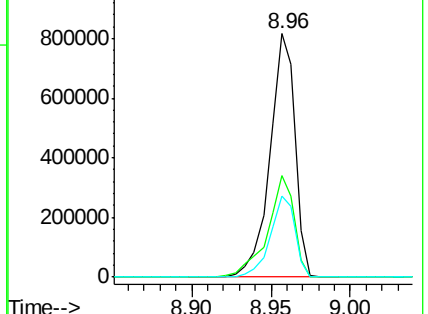
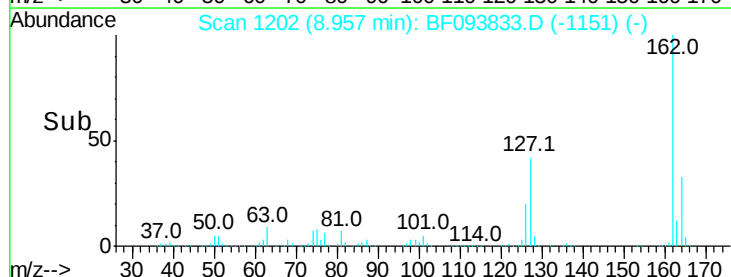
164 33.1 27.0 40.4

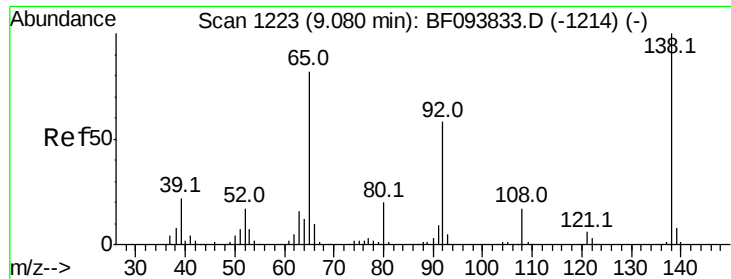


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

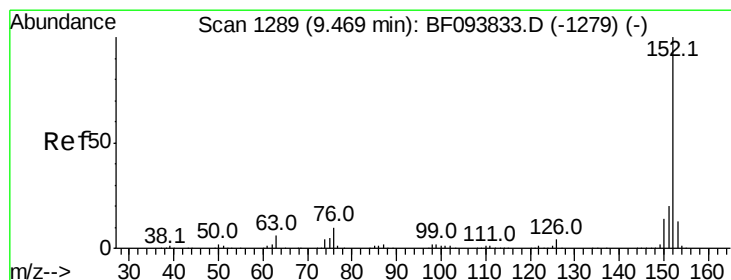
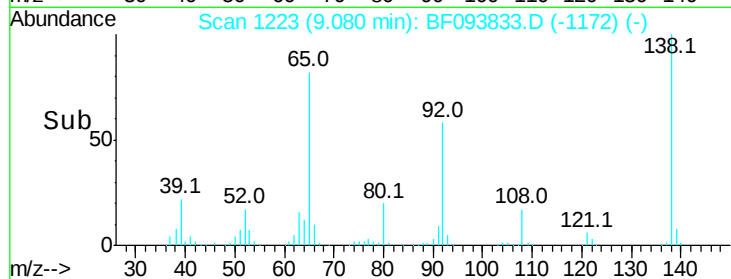
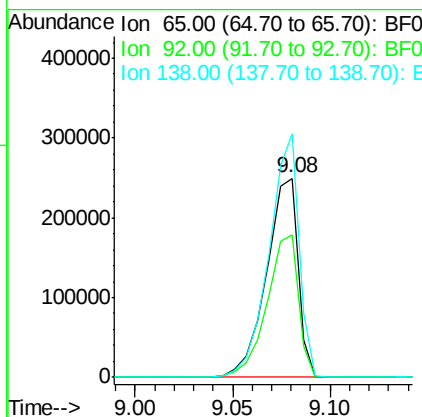
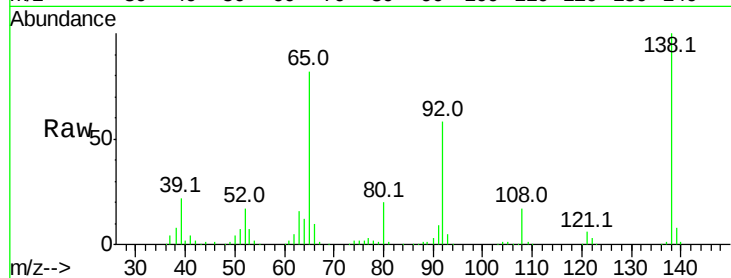




#47
 2-Nitroaniline
 Concen: 45.07 ng
 RT: 9.08 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

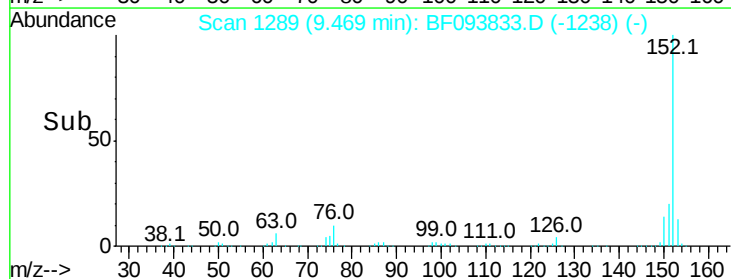
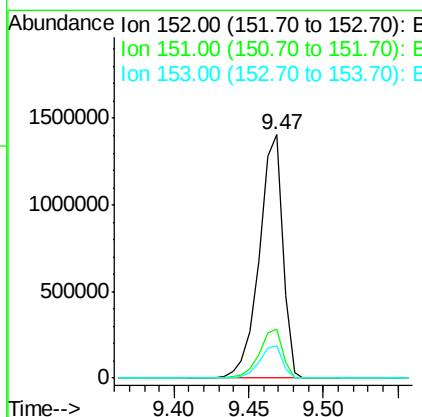
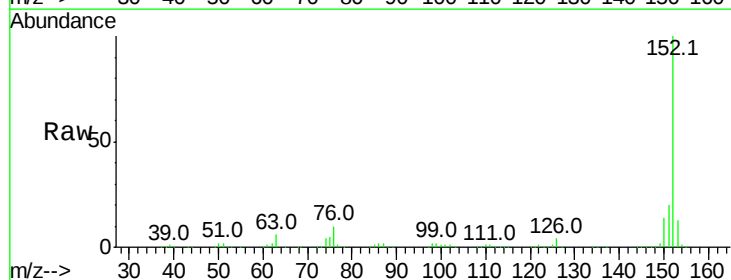
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion: 65 Resp: 280589
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.9 80.9
 138 122.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.64 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:152 Resp: 1510441
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 39.87 ng

RT: 9.32 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

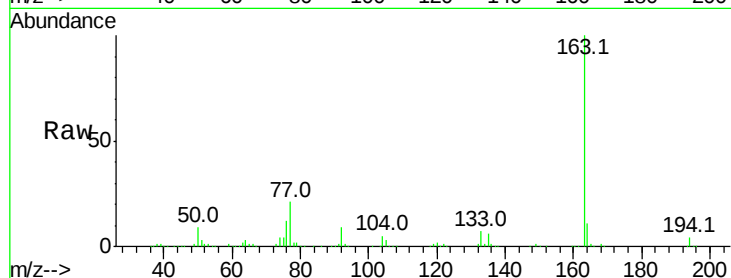
Tot Ion:163 Resp: 1015083

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

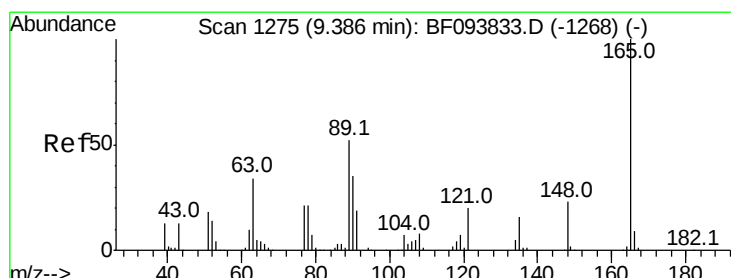
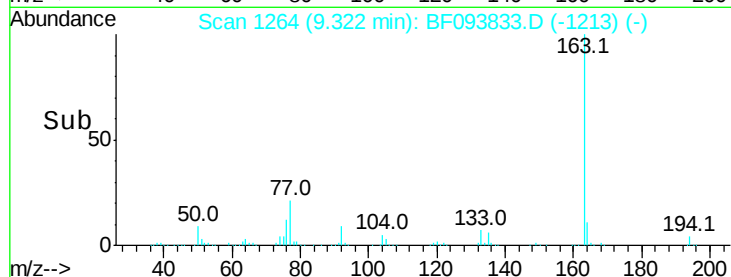
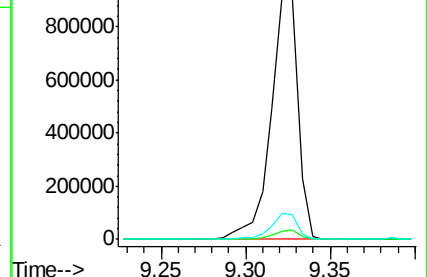
164 10.9 8.4 12.6



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: 43.49 ng

RT: 9.39 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

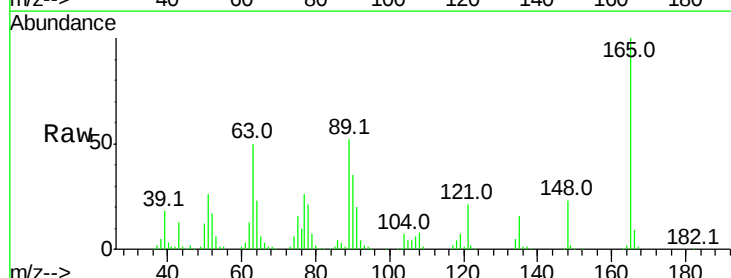
Tgt Ion:165 Resp: 243051

Ion Ratio Lower Upper

165 100

63 50.3 34.3 51.5

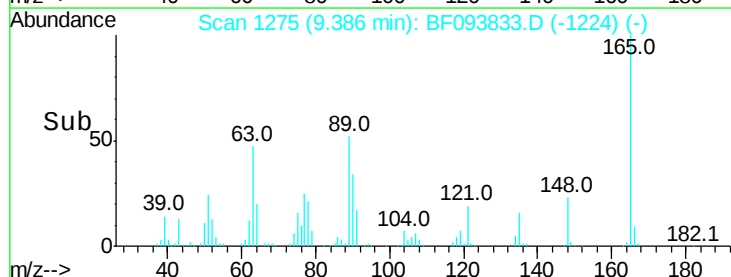
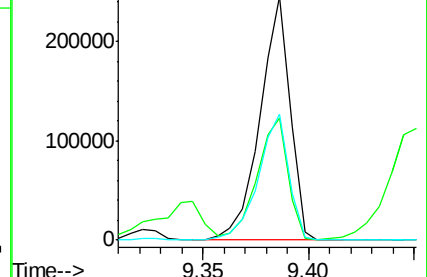
89 51.8 37.1 55.7

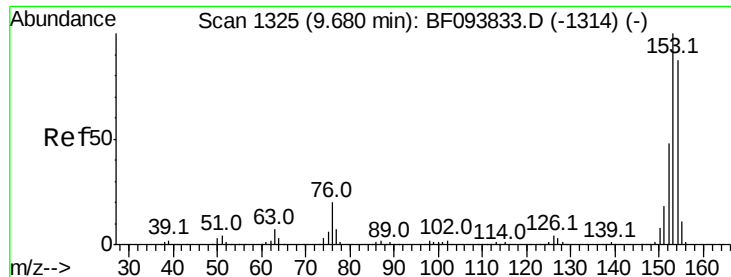


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.95 ng

RT: 9.68 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

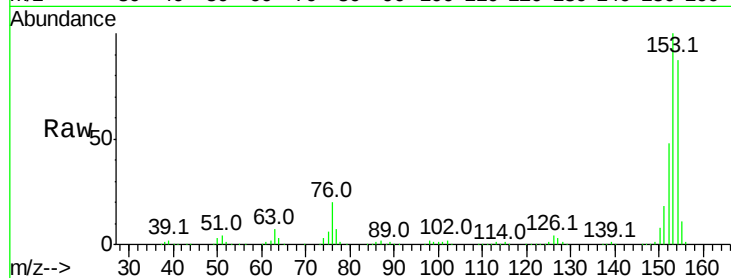
Tot Ion:154 Resp: 865568

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

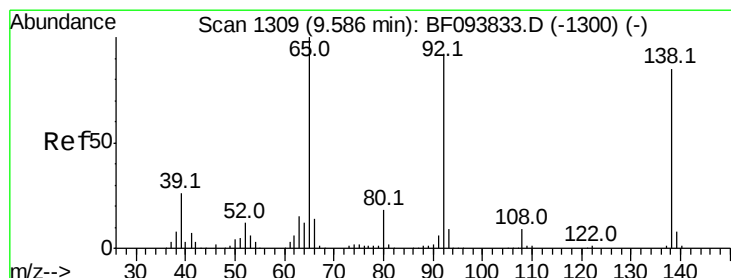
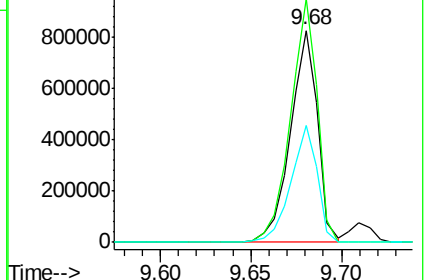
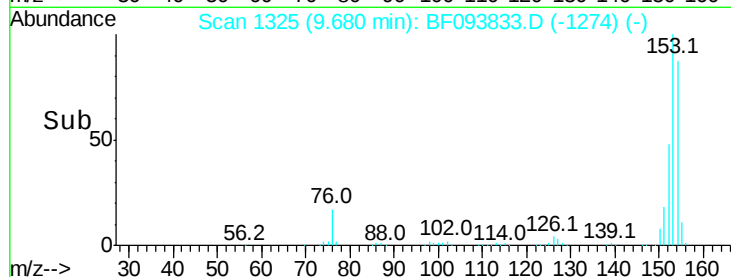
152 55.1 43.6 65.4



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: 41.69 ng

RT: 9.59 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

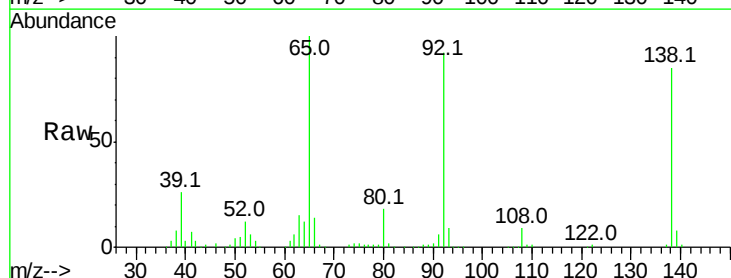
Tgt Ion:138 Resp: 279698

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

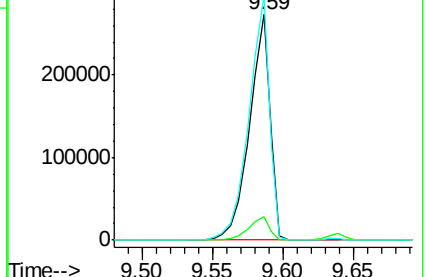
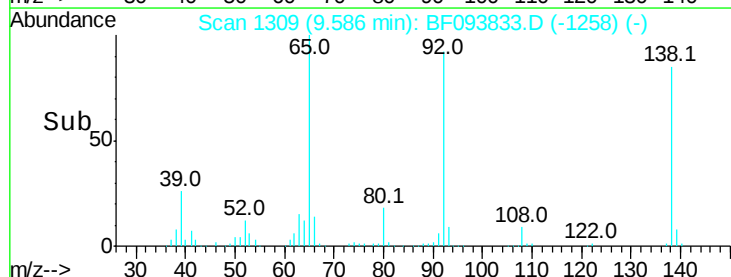
92 108.2 93.8 140.6



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

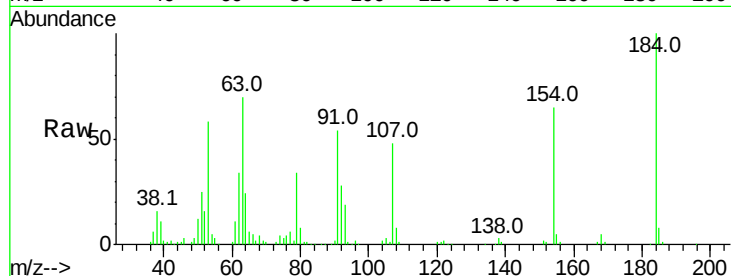




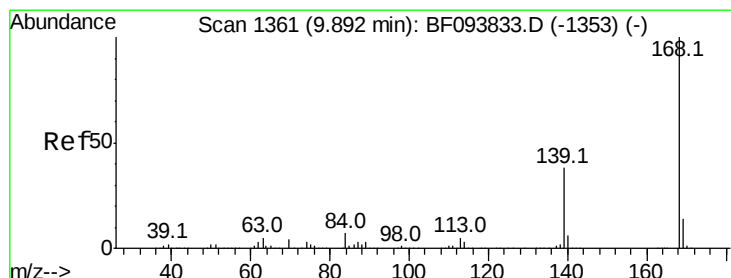
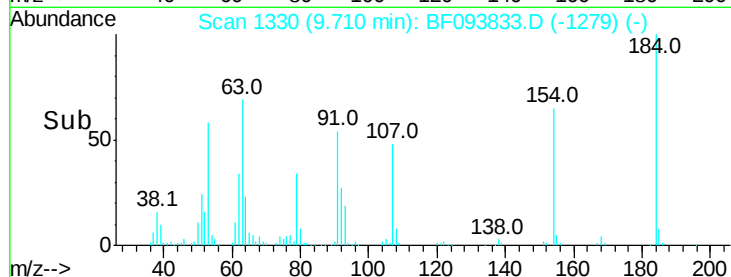
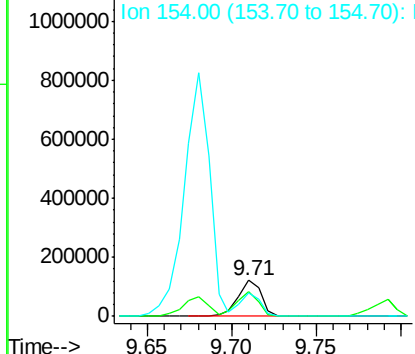
#53
2,4-Dinitrophenol
Concen: 53.33 ng
RT: 9.71 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:184 Resp: 117004
Ion Ratio Lower Upper
184 100
63 69.9 62.7 94.1
154 65.1 81.1 121.7#

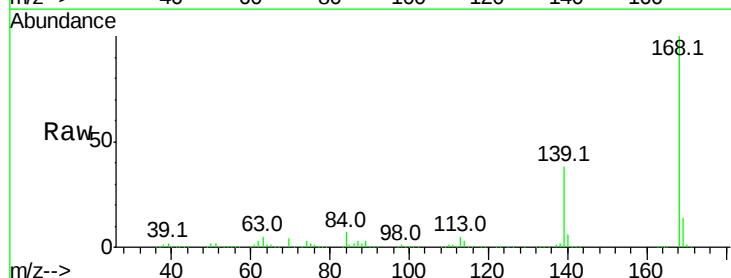


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

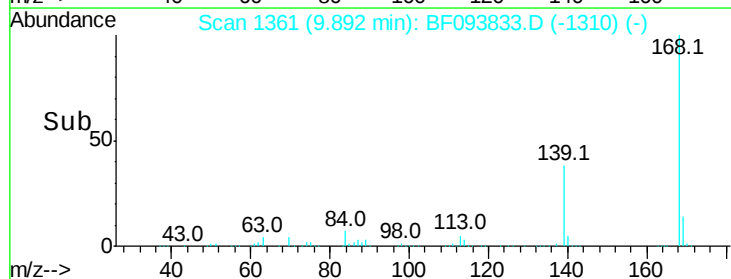
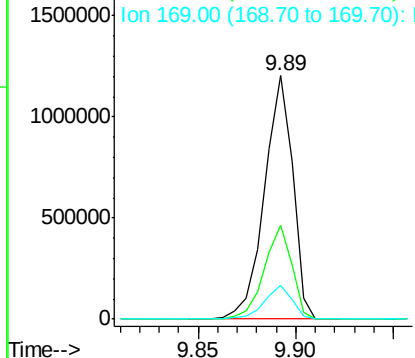


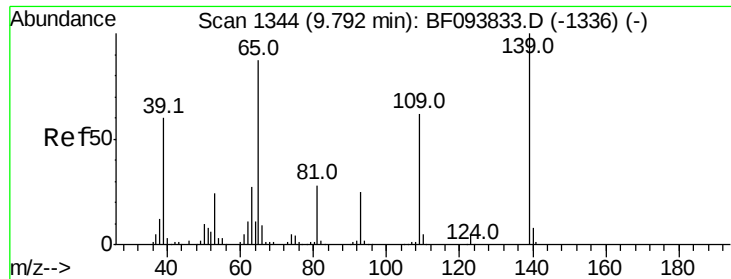
#54
Dibenzofuran
Concen: 41.42 ng
RT: 9.89 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:168 Resp: 1207734
Ion Ratio Lower Upper
168 100
139 38.4 30.6 45.8
169 13.7 10.8 16.2



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: 45.22 ng

RT: 9.79 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

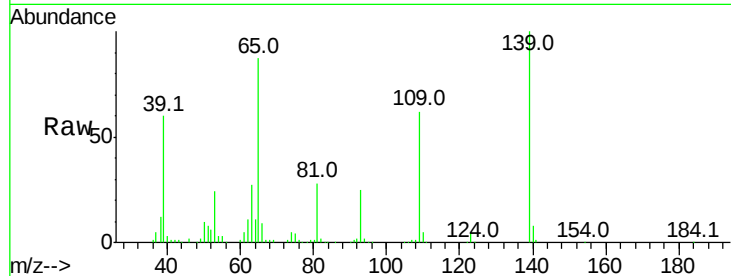
Tot Ion:139 Resp: 227904

Ion Ratio Lower Upper

139 100

109 62.3 34.1 74.1

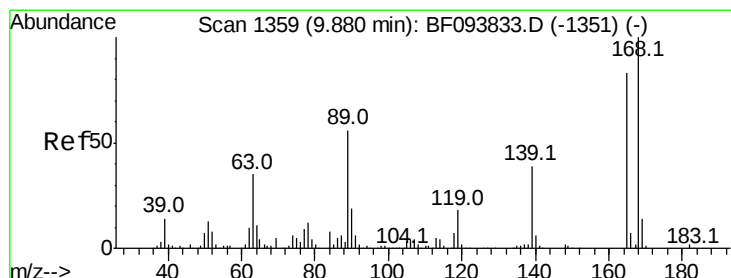
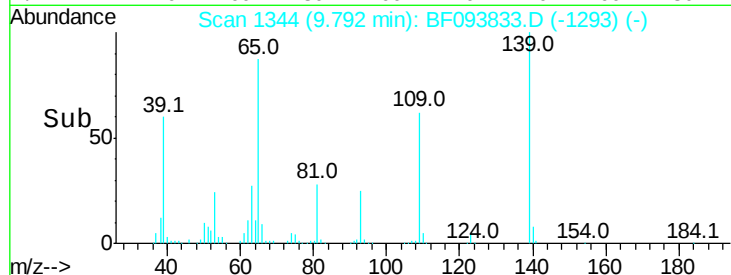
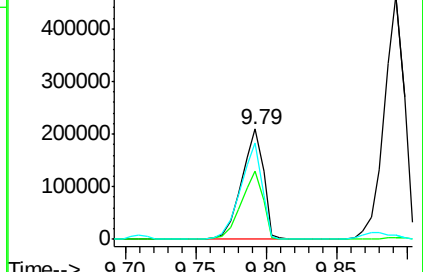
65 87.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.67 ng

RT: 9.88 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Tgt Ion:165 Resp: 309865

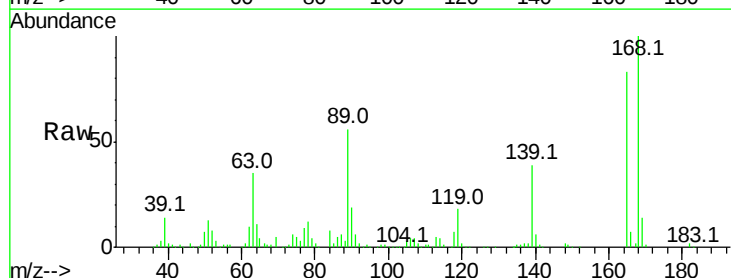
Ion Ratio Lower Upper

165 100

63 42.7 25.4 38.0#

89 66.9 46.4 69.6

182 2.0 1.8 2.6

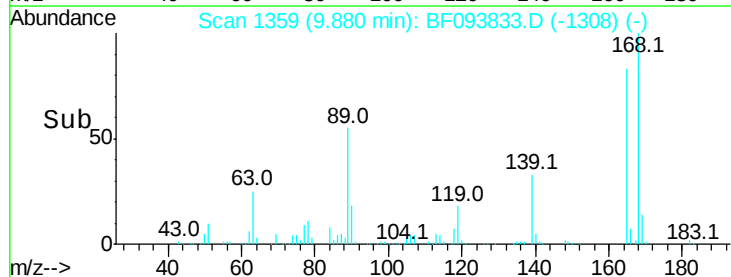
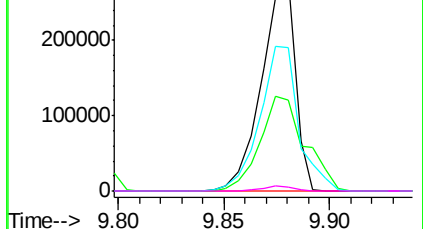


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

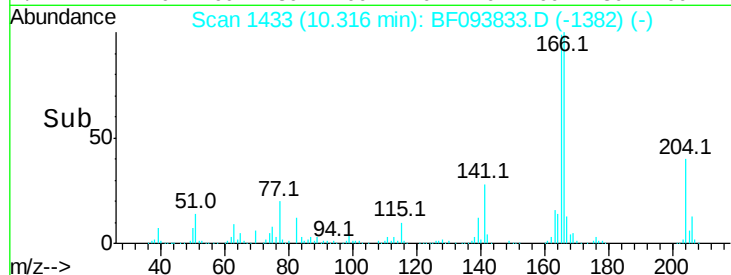
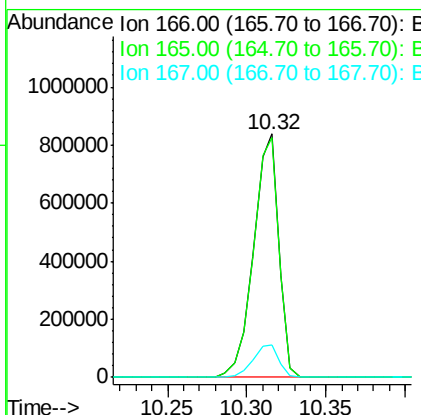
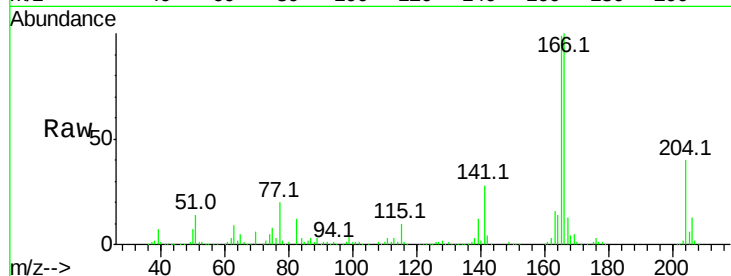




#57
Fluorene
 Concen: 41.48 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

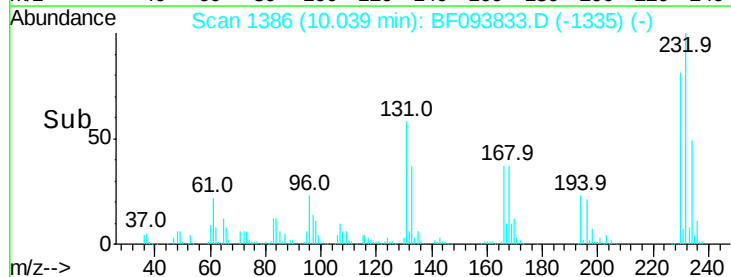
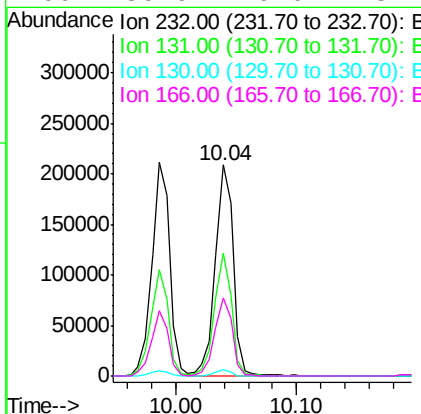
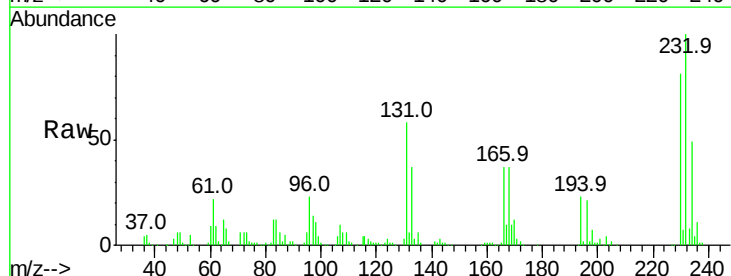
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:166 Resp: 926214
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.12 ng
 RT: 10.04 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:232 Resp: 211509
 Ion Ratio Lower Upper
 232 100
 131 55.0 44.8 67.2
 130 2.6 2.3 3.5
 166 36.6 29.0 43.4

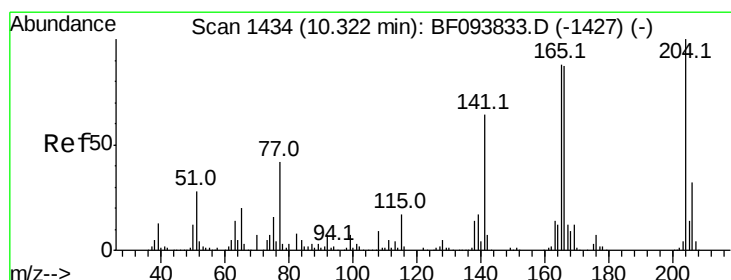
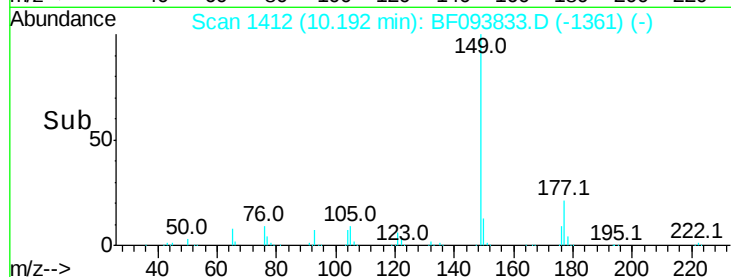
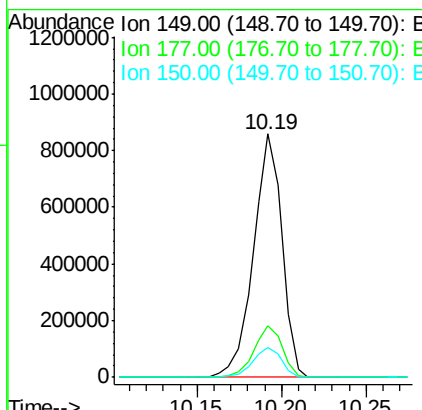
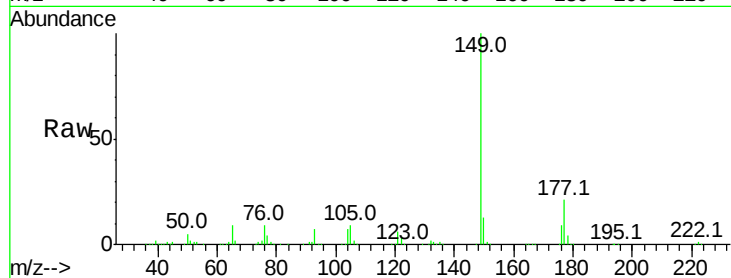




#59
Diethylphthalate
Concen: 40.67 ng
RT: 10.19 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

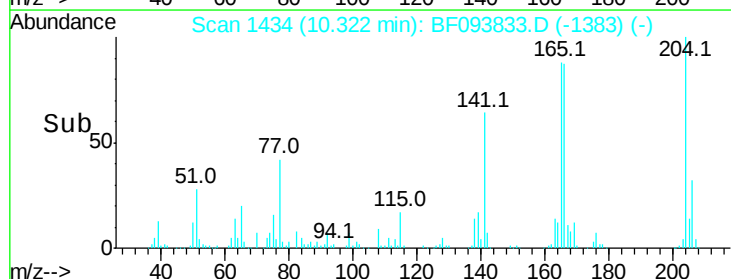
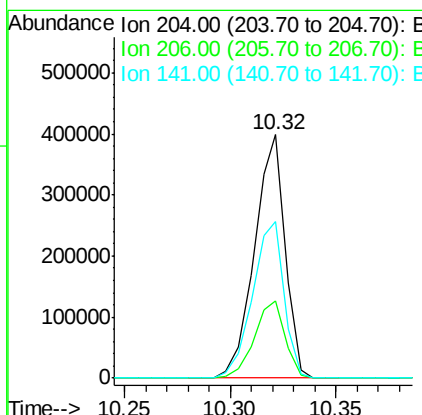
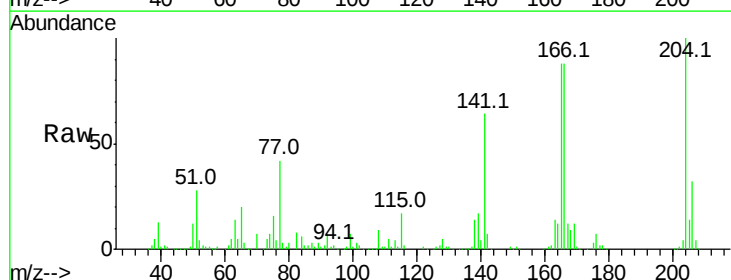
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

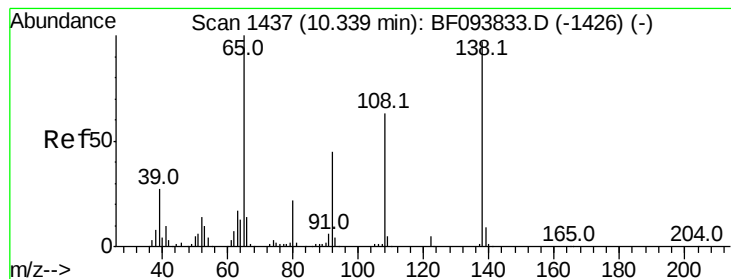
Tot Ion:149 Resp: 1009079
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.54 ng
RT: 10.32 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:204 Resp: 400397
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 64.3 60.8 91.2





#61

4-Nitroaniline

Concen: 45.55 ng

RT: 10.34 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

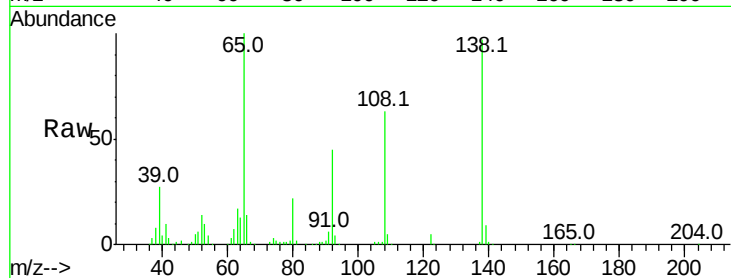
Tot Ion:138 Resp: 273339

Ion Ratio Lower Upper

138 100

92 46.6 21.8 61.8

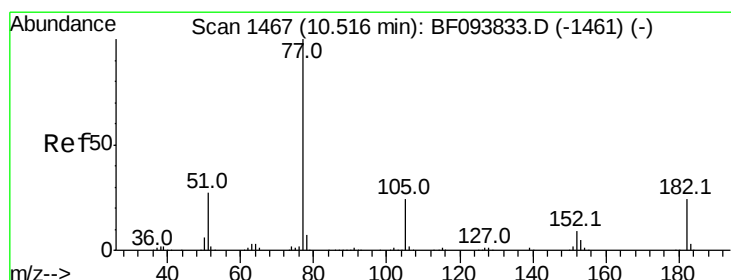
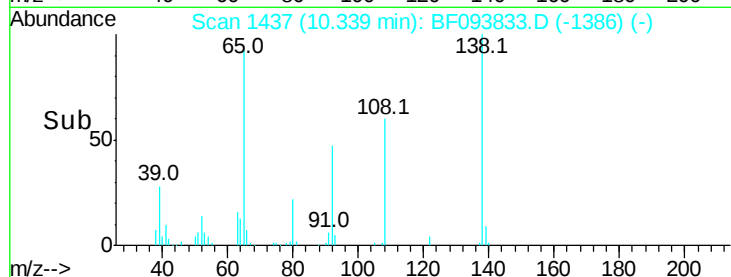
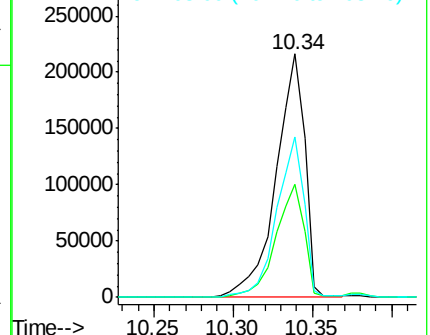
108 65.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.37 ng

RT: 10.52 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Tgt Ion: 77 Resp: 966211

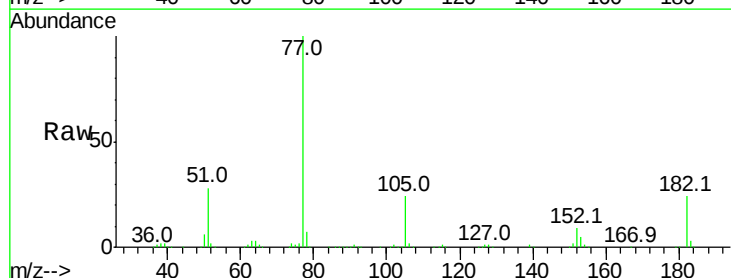
Ion Ratio Lower Upper

77 100

182 24.4 0.1 40.1

105 24.4 3.6 43.6

51 27.5 9.4 49.4

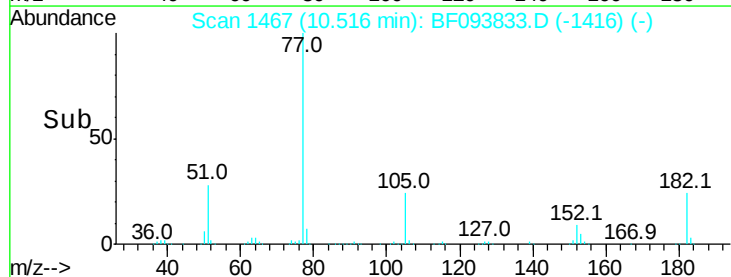
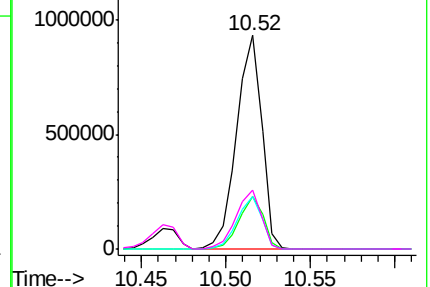


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

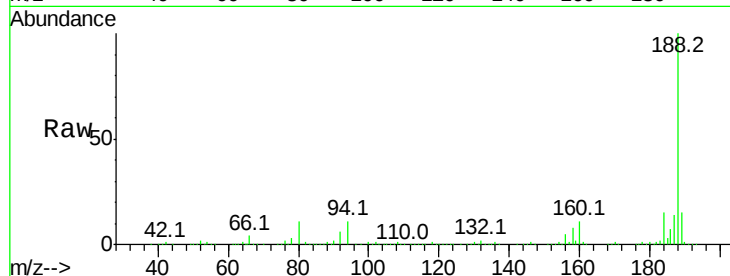




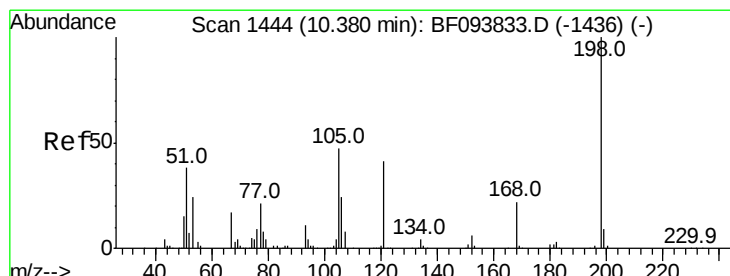
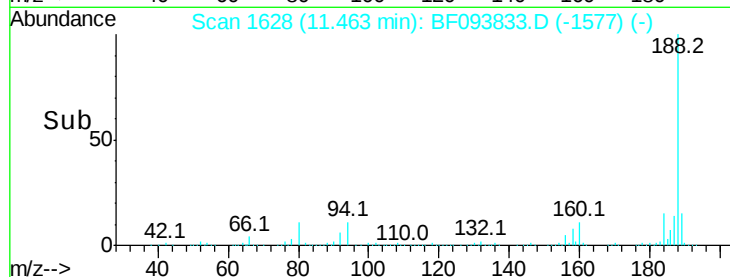
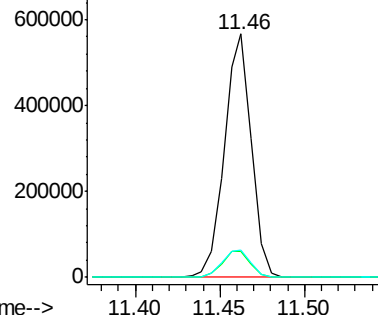
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:188 Resp: 625832
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.4 10.2 15.2

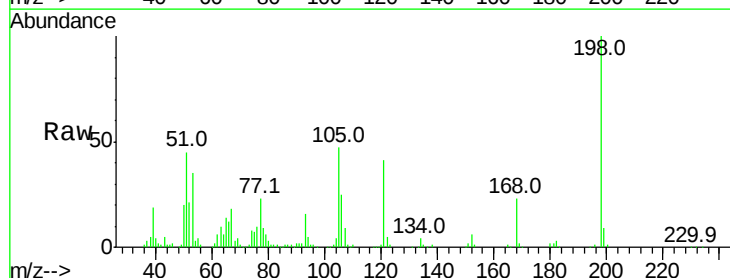


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

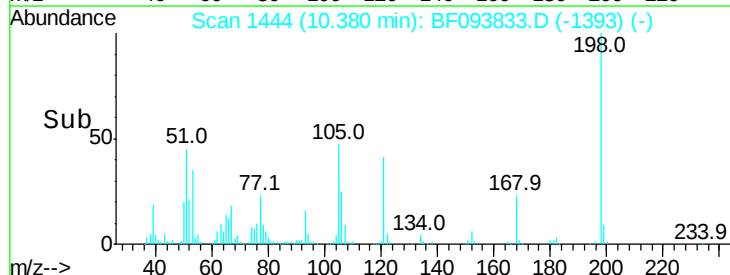
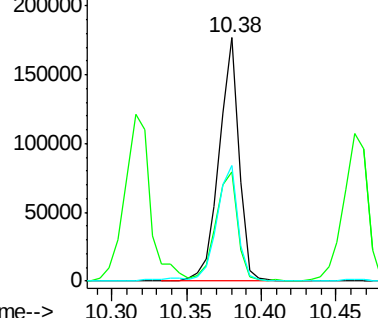


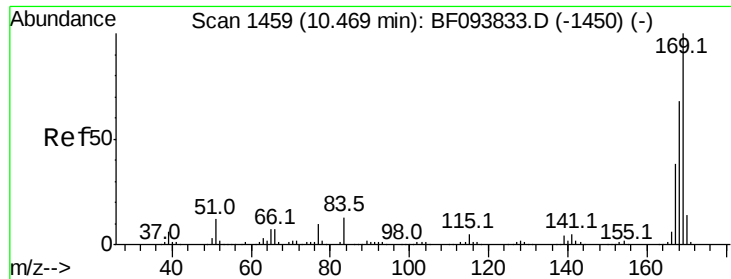
#64
4,6-Dinitro-2-methylphenol
Concen: 44.93 ng
RT: 10.38 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:198 Resp: 162920
Ion Ratio Lower Upper
198 100
51 44.6 53.2 93.2#
105 47.5 45.8 85.8



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

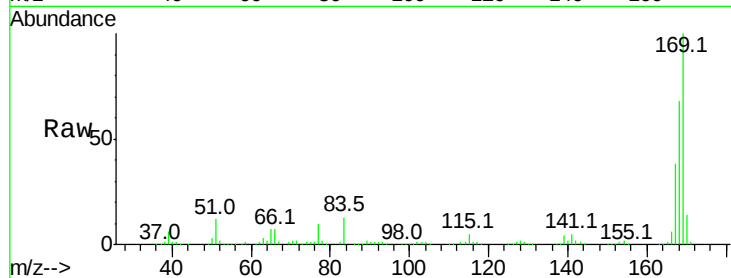




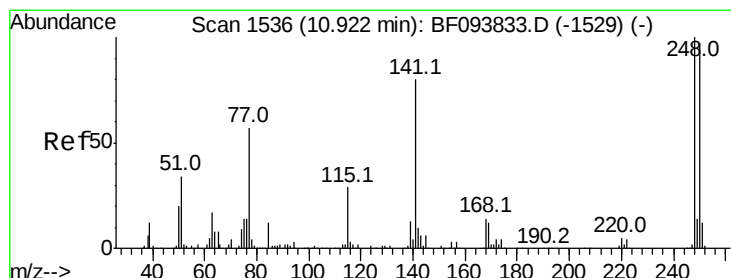
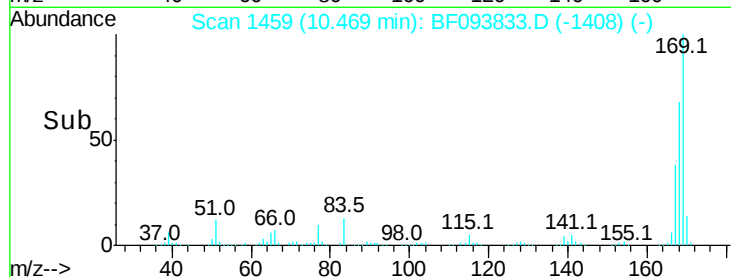
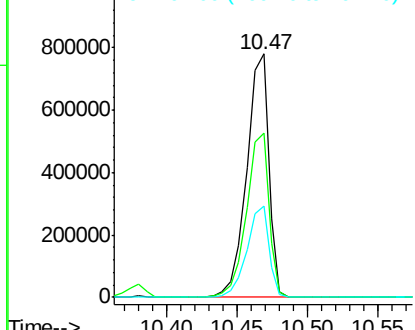
#65
 n-Nitrosodiphenylamine
 Concen: 41.19 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:169 Resp: 859465
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 37.6 29.5 44.3

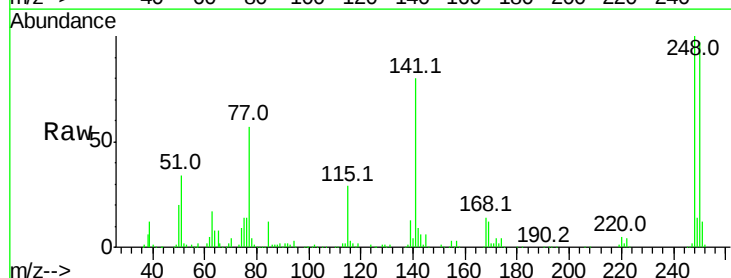


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

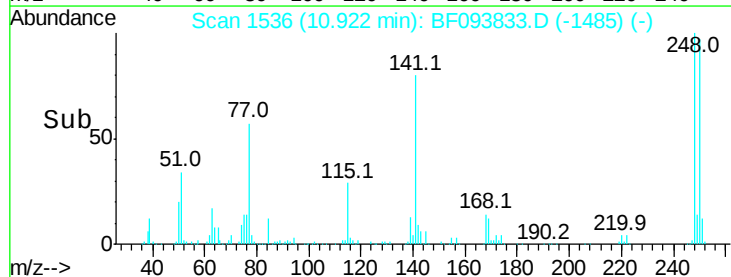
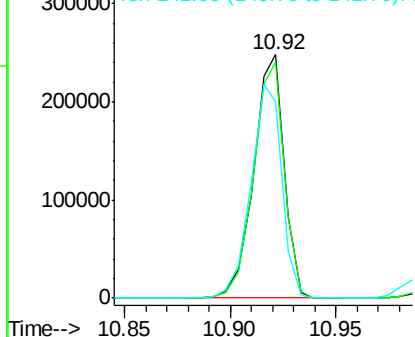


#66
 4-Bromophenyl-phenylether
 Concen: 41.22 ng
 RT: 10.92 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:248 Resp: 248288
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 80.5 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

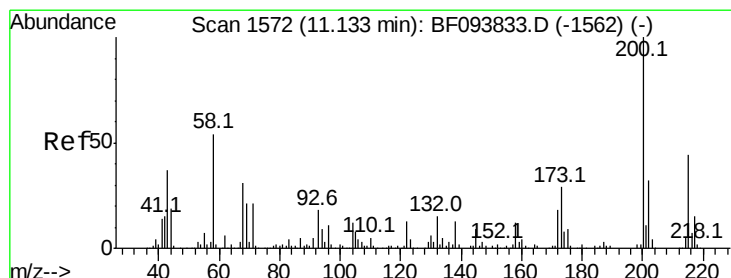
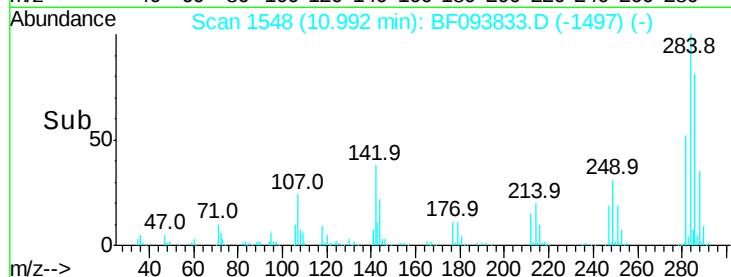
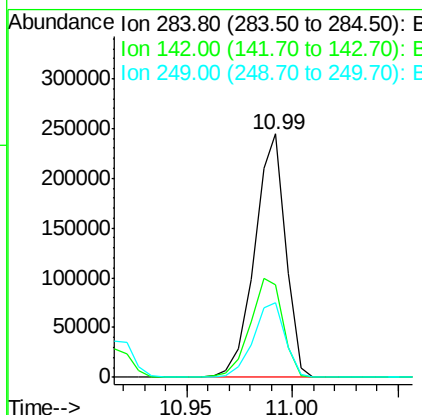
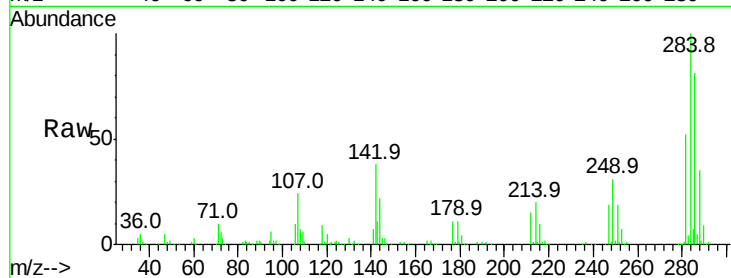




#67
Hexachlorobenzene
Concen: 40.03 ng
RT: 10.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

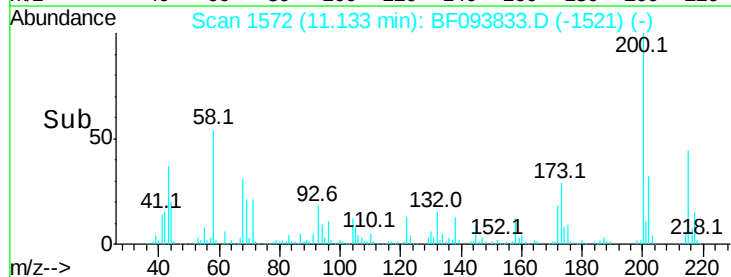
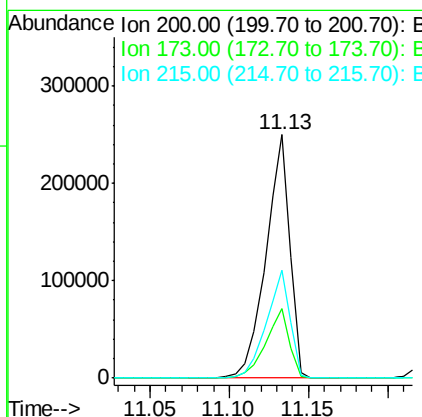
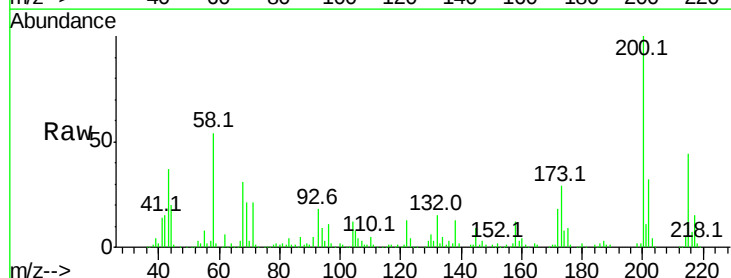
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

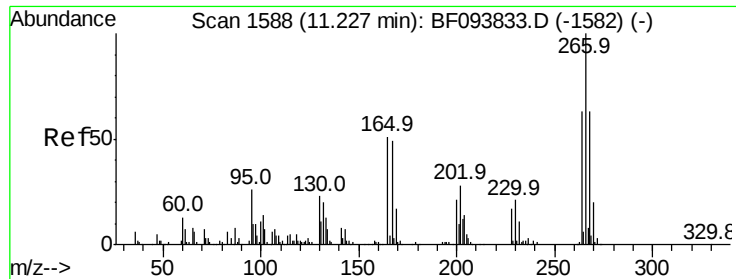
Tot Ion:284 Resp: 248671
Ion Ratio Lower Upper
284 100
142 38.2 22.8 34.2#
249 30.6 24.0 36.0



#68
Atrazine
Concen: 40.94 ng
RT: 11.13 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:200 Resp: 262229
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 44.4 27.2 67.2

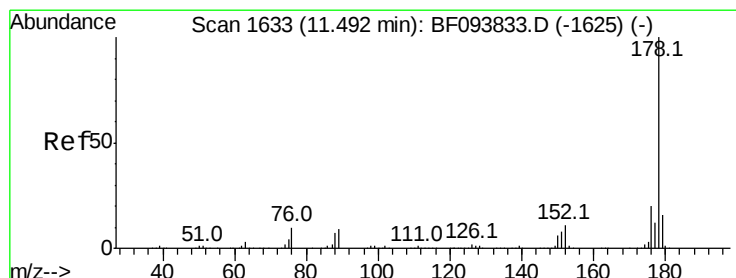
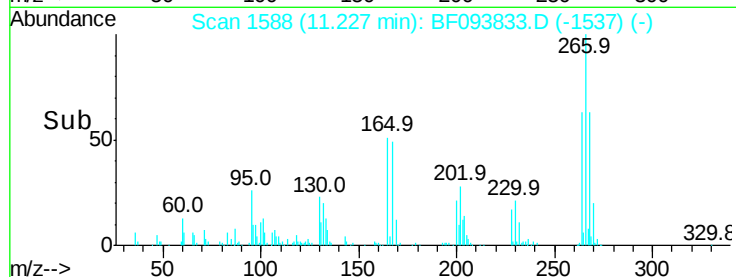
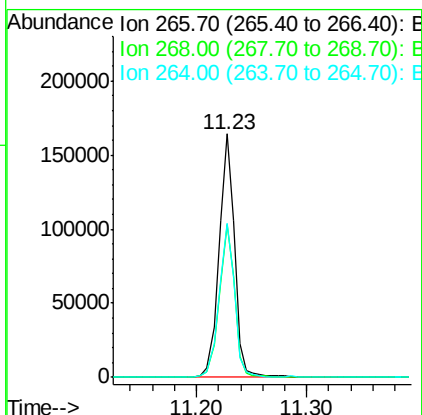
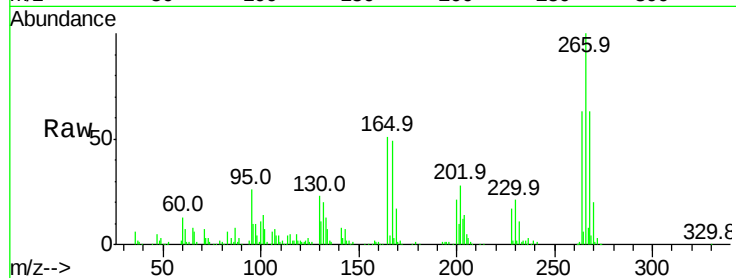




#69
 Pentachlorophenol
 Concen: 44.29 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

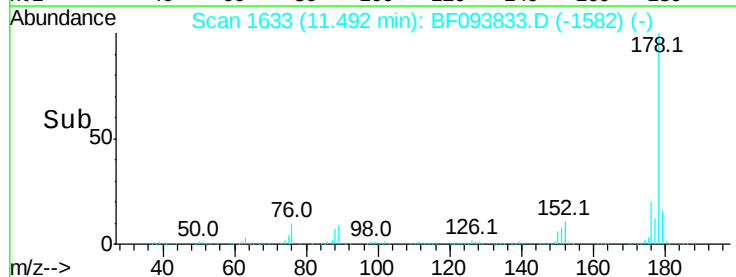
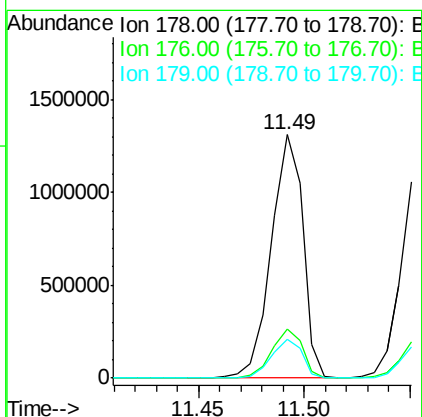
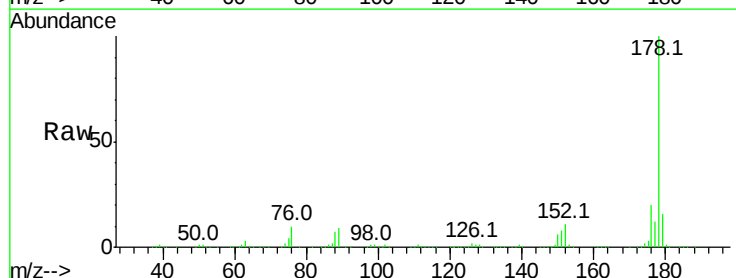
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:266 Resp: 160891
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 63.5 51.7 77.5



#70
 Phenanthrene
 Concen: 41.08 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:178 Resp: 1369045
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 16.1 12.6 19.0

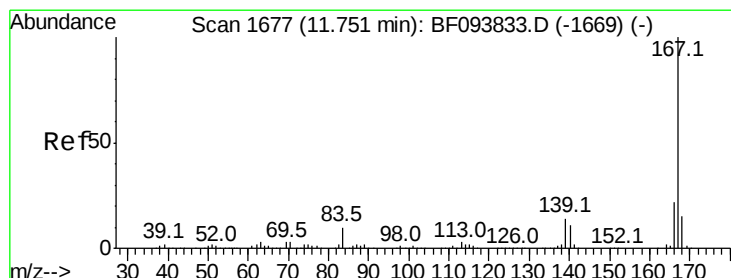
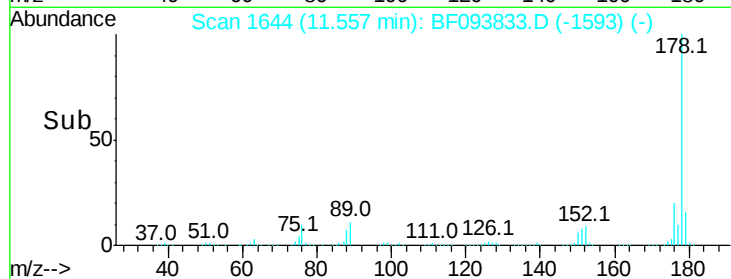
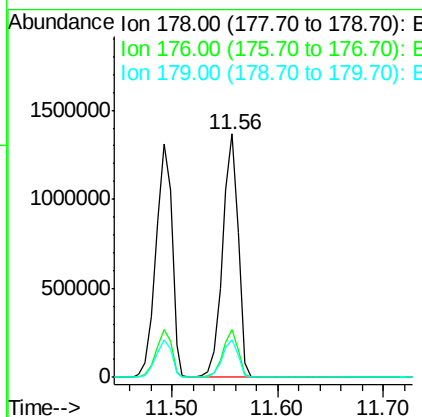
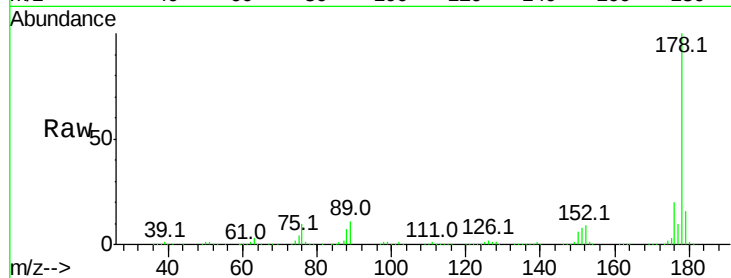




#71
 Anthracene
 Concen: 41.44 ng
 RT: 11.56 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

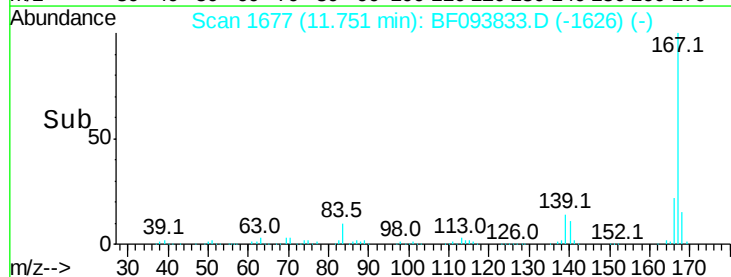
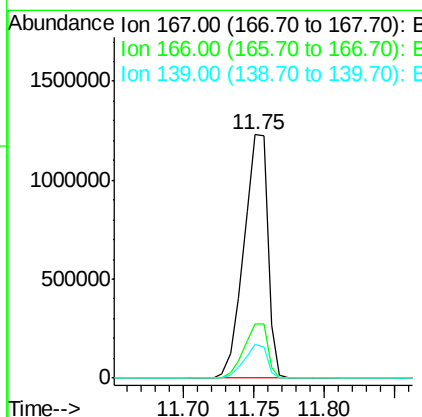
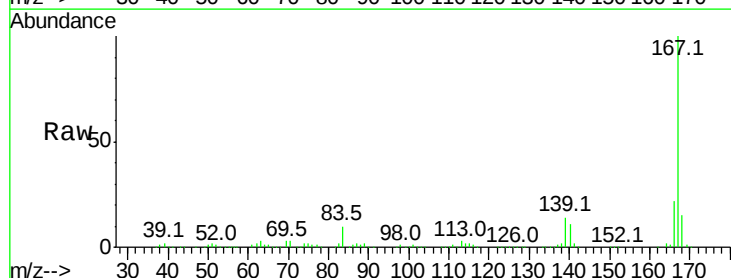
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

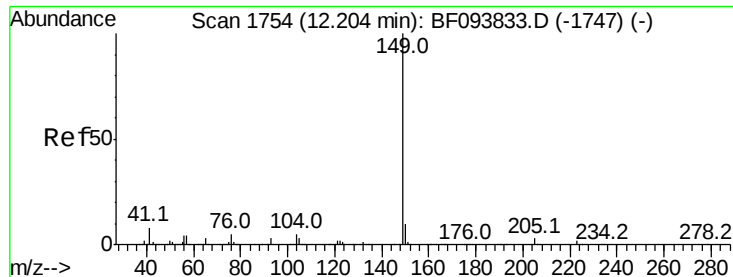
Tot Ion:178 Resp: 1421993
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 43.01 ng
 RT: 11.75 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:167 Resp: 1461246
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.7 11.7 17.5

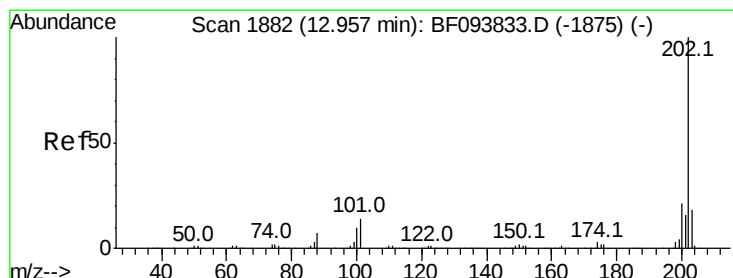
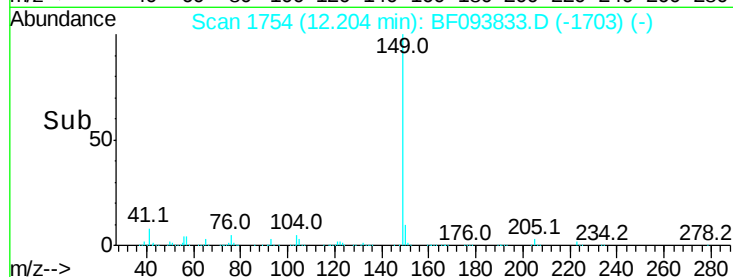
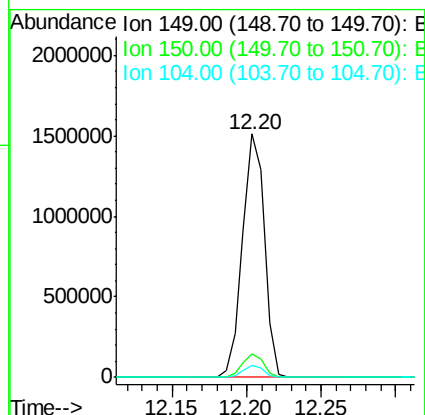
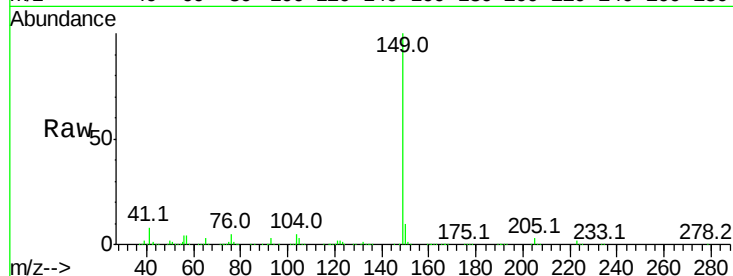




#73
Di-n-butylphthalate
Concen: 42.46 ng
RT: 12.20 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

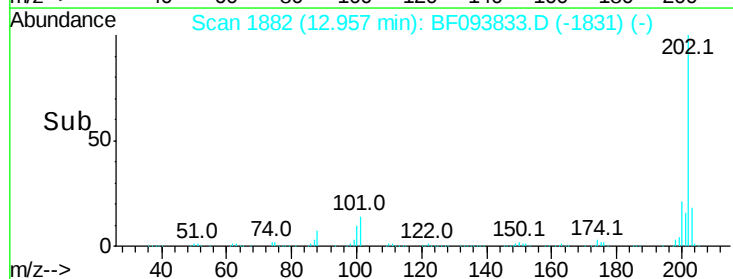
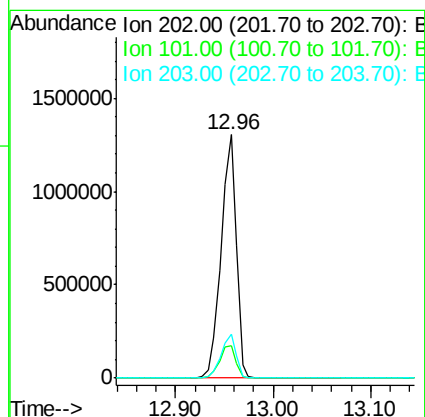
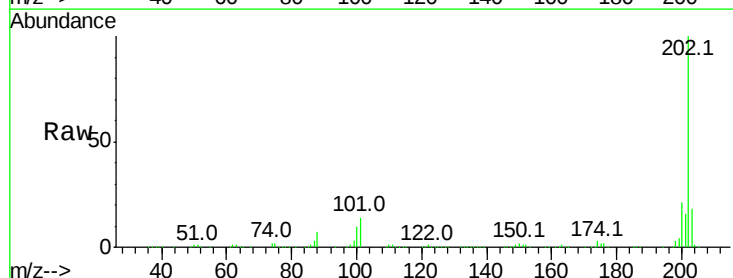
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

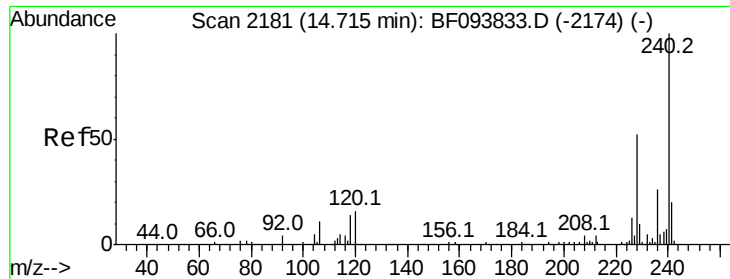
Tot Ion:149 Resp: 1552520
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 41.06 ng
RT: 12.96 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:202 Resp: 1406757
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 18.0 0.0 38.1

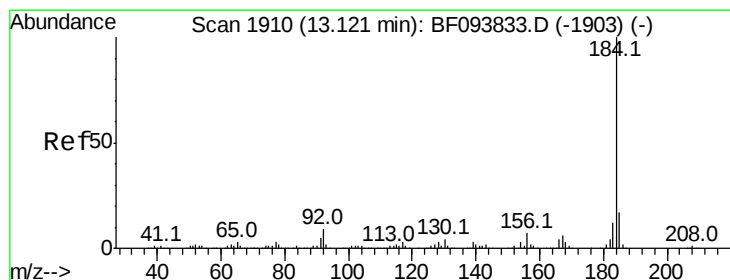
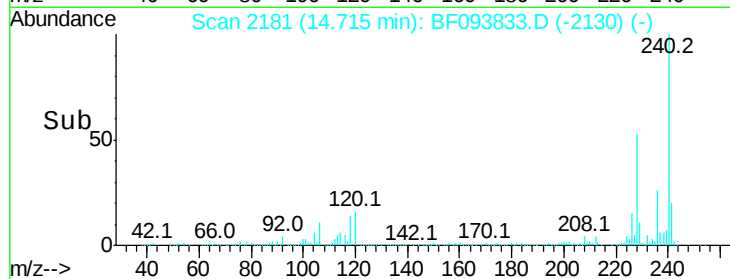
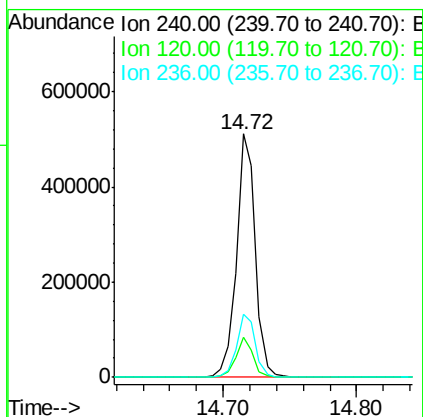
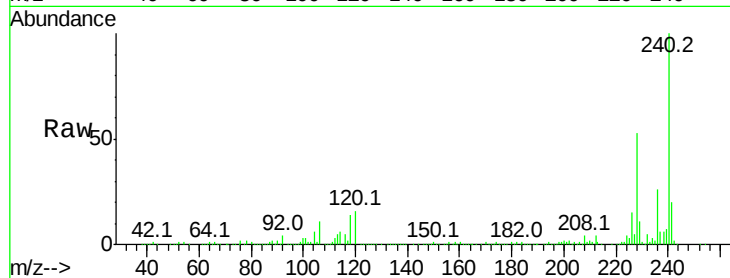




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

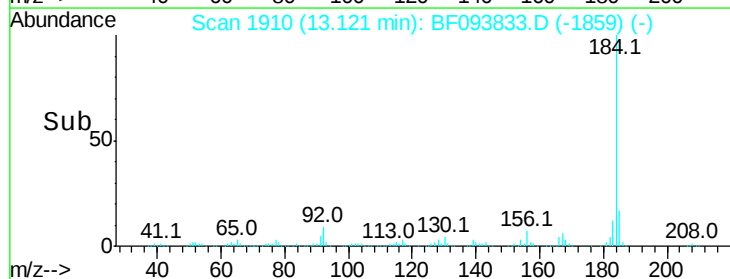
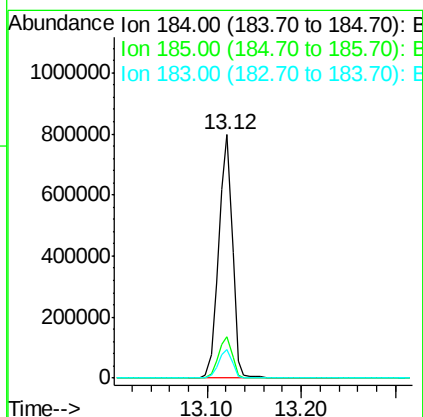
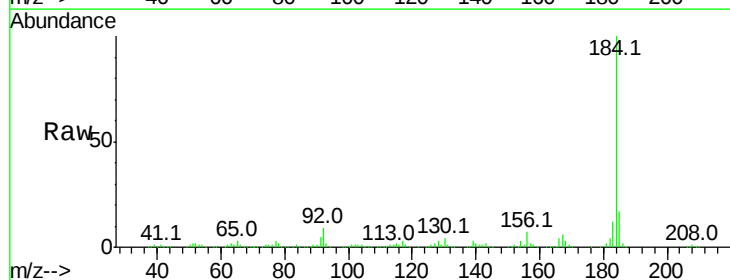
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:240 Resp: 503444
 Ion Ratio Lower Upper
 240 100
 120 16.5 5.8 8.8#
 236 26.1 20.5 30.7



#76
 Benzidine
 Concen: 37.15 ng
 RT: 13.12 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:184 Resp: 820519
 Ion Ratio Lower Upper
 184 100
 185 17.1 15.5 23.3
 183 11.9 9.8 14.6



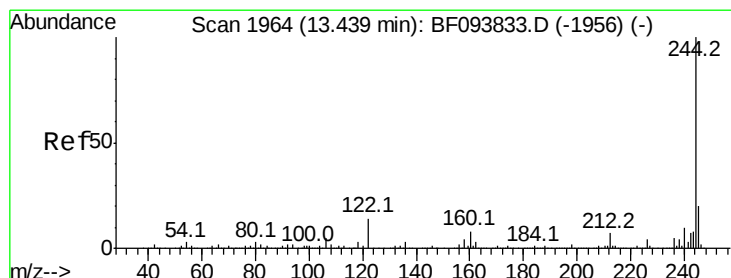
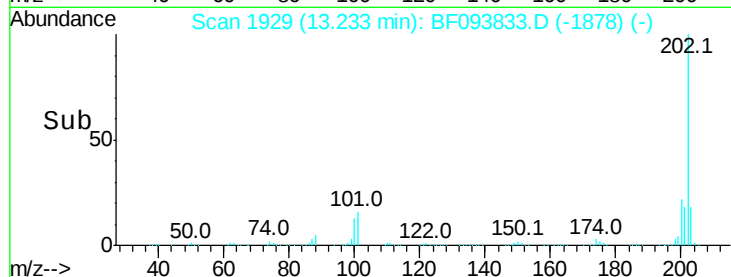
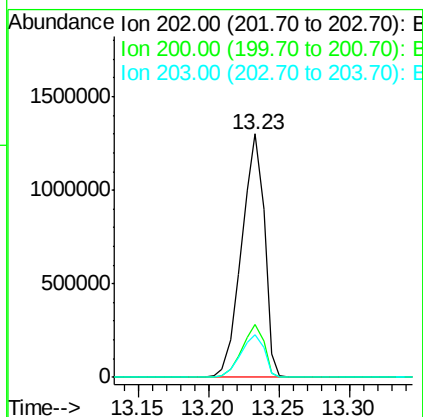
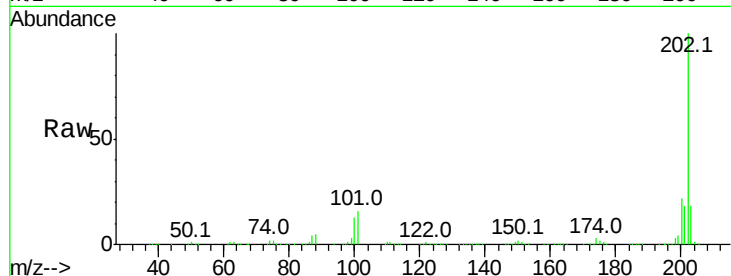


#77
 Pvrene
 Concen: 34.95 ng
 RT: 13.23 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:202 Resp: 1464302

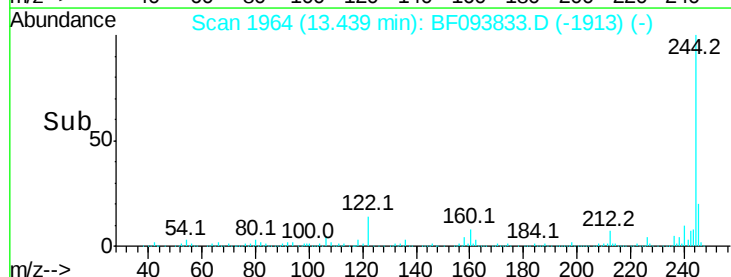
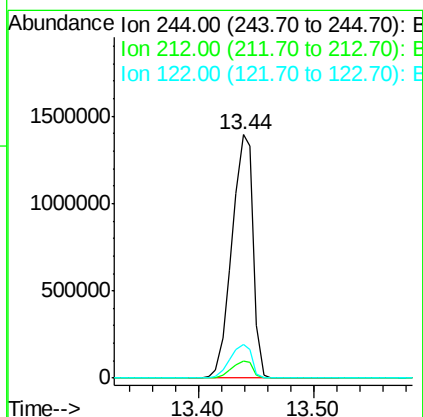
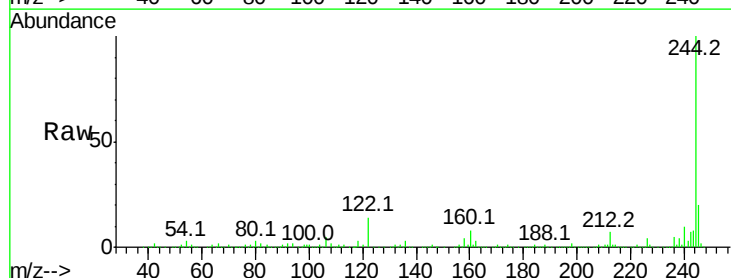
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.8	14.4	21.6



#78
 Terphenyl-d14
 Concen: 71.72 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:244 Resp: 1771049

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5

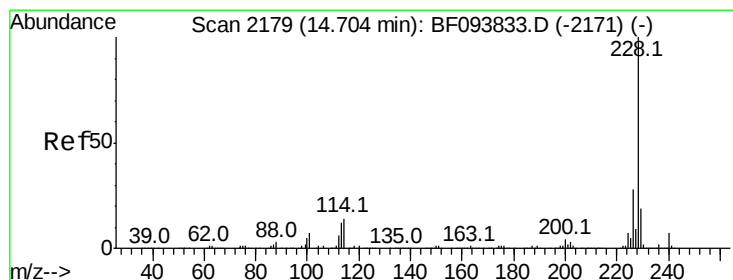
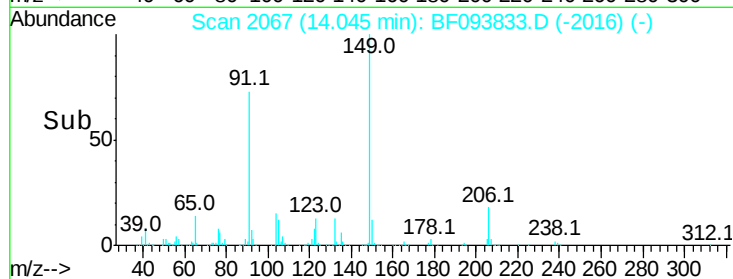
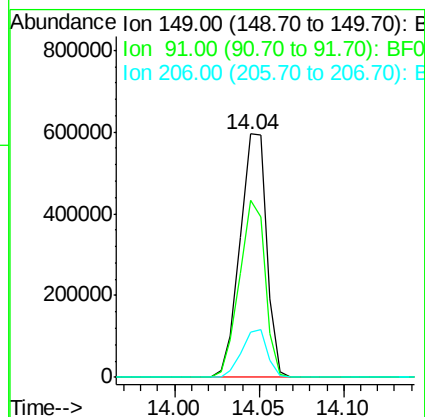
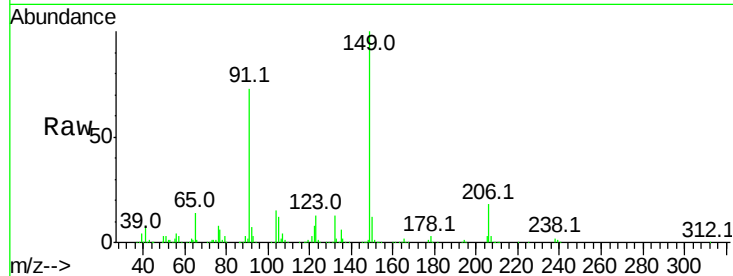




#79
Butylbenzylphthalate
Concen: 35.03 ng
RT: 14.04 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

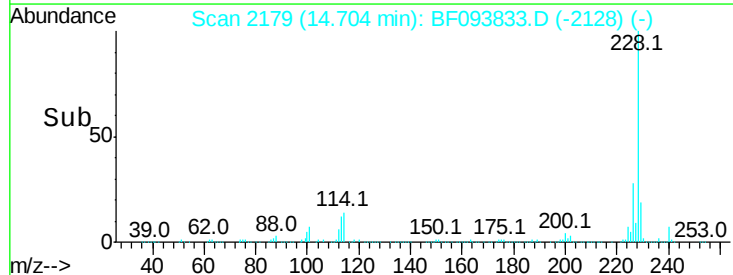
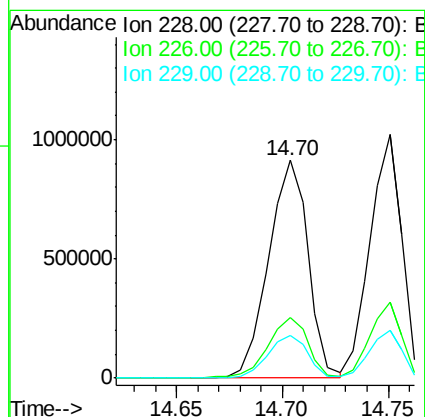
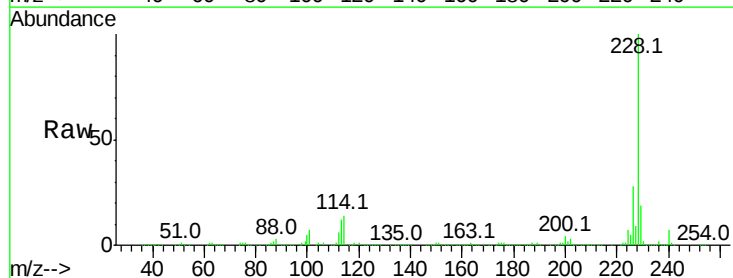
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:149 Resp: 655896
Ion Ratio Lower Upper
149 100
91 72.8 45.0 67.4#
206 18.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.64 ng
RT: 14.70 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:228 Resp: 1186991
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.3 16.3 24.5

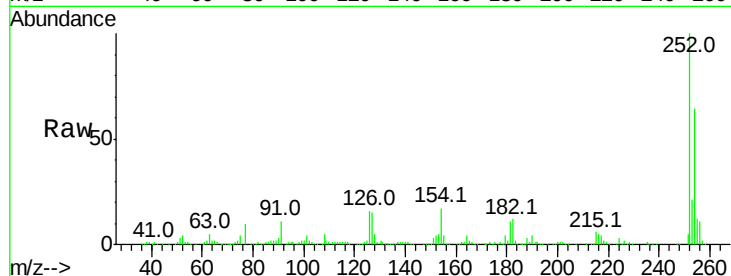




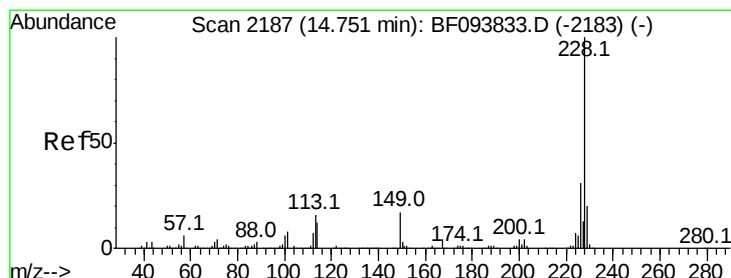
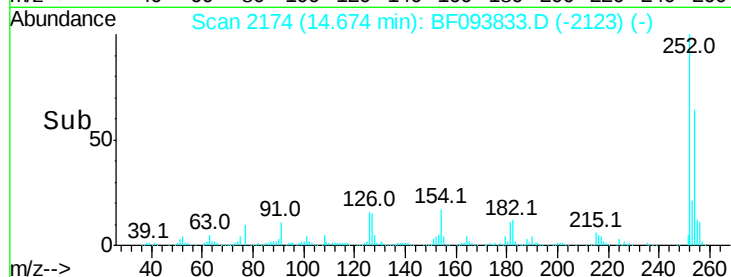
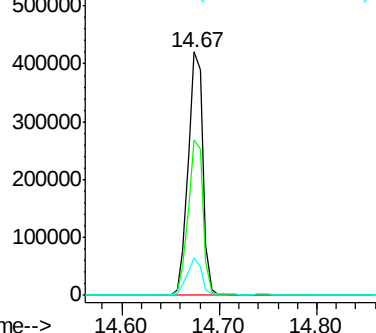
#81
 3,3'-Dichlorobenzidine
 Concen: 37.15 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:252 Resp: 441386
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.5 77.3
 126 15.6 15.8 23.8#

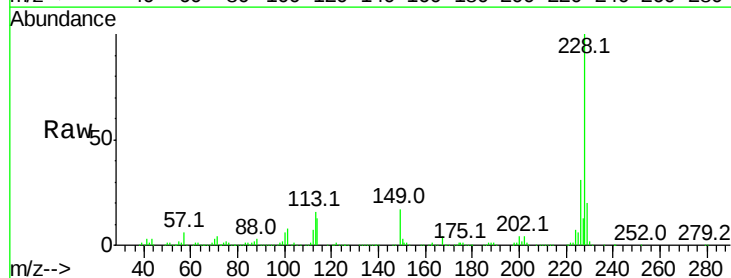


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

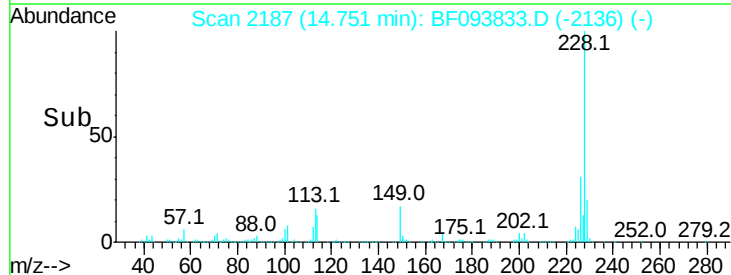
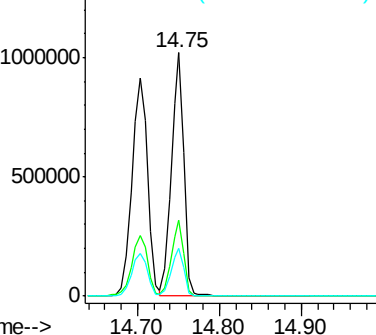


#82
 Chrysene
 Concen: 34.52 ng
 RT: 14.75 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:228 Resp: 1087656
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.8 15.8 23.6



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

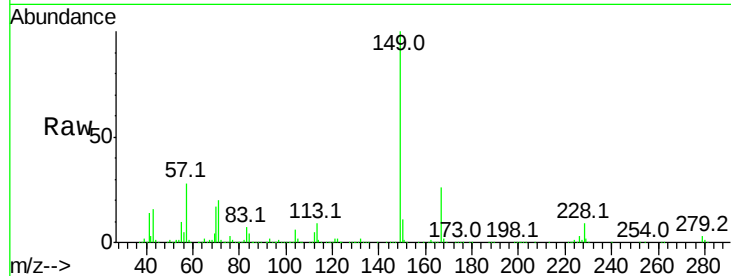




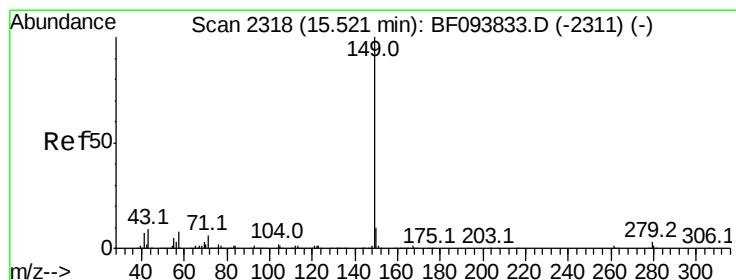
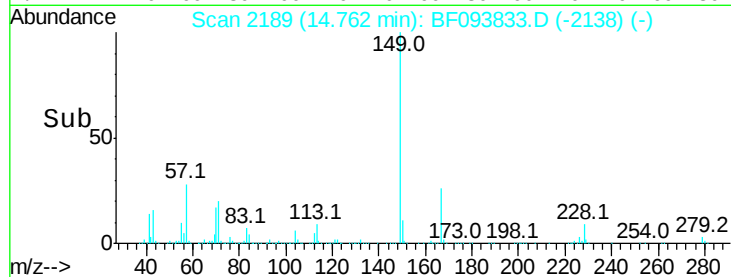
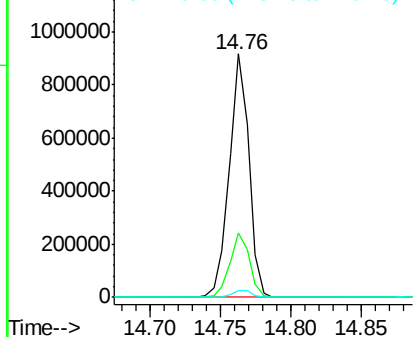
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.36 ng
 RT: 14.76 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:149 Resp: 887754
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 2.8 1.9 2.9

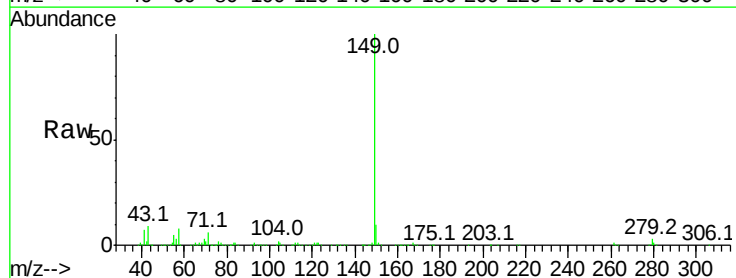


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

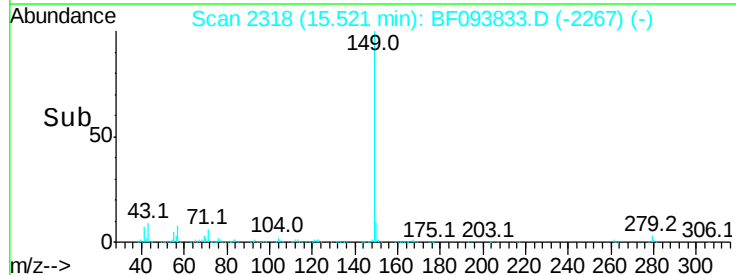
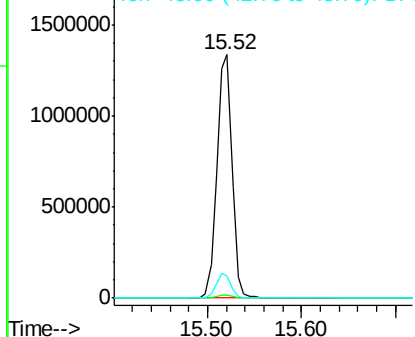


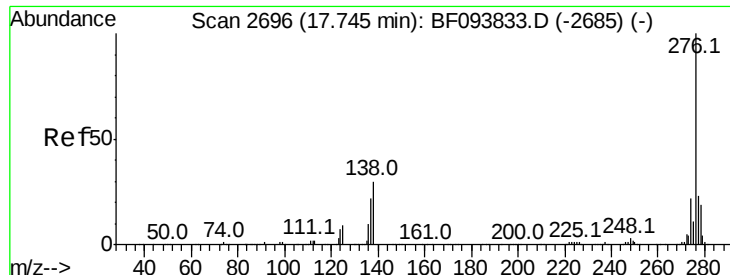
#84
 Di-n-octyl phthalate
 Concen: 36.57 ng
 RT: 15.52 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:149 Resp: 1505124
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.2 8.5 12.7



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

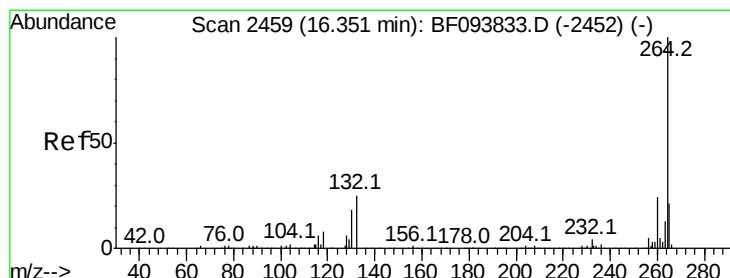
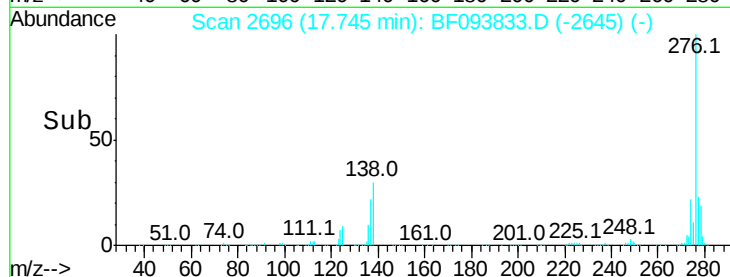
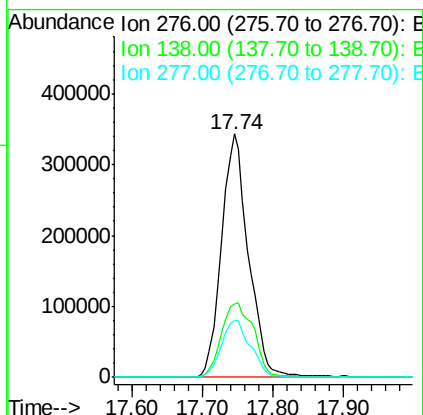
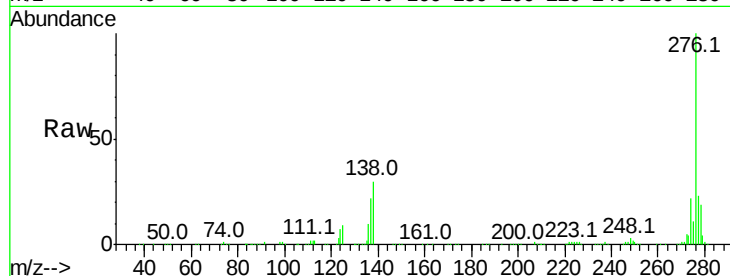




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.47 ng
 RT: 17.74 min Scan# 2696
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

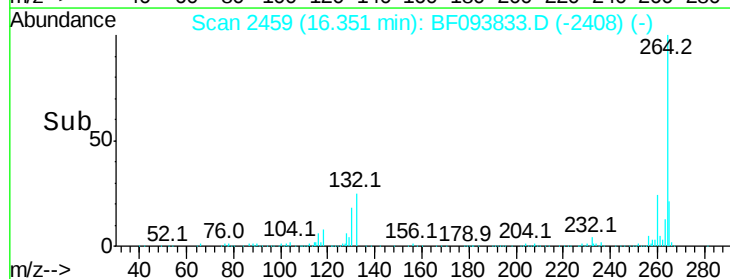
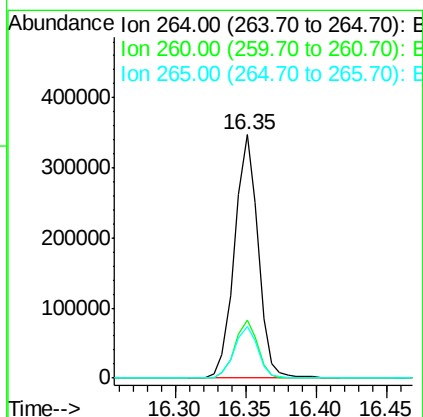
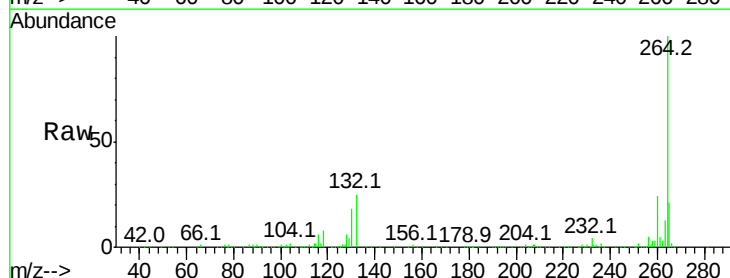
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

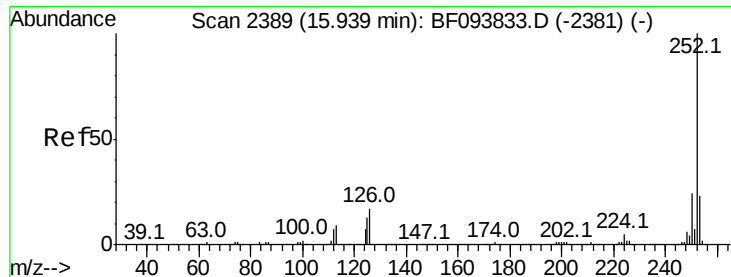
Tot Ion:276 Resp: 915109
 Ion Ratio Lower Upper
 276 100
 138 36.7 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BF093833.D
 Acq: 22 Mar 2017 15:39

Tgt Ion:264 Resp: 403395
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 37.17 ng

RT: 15.94 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

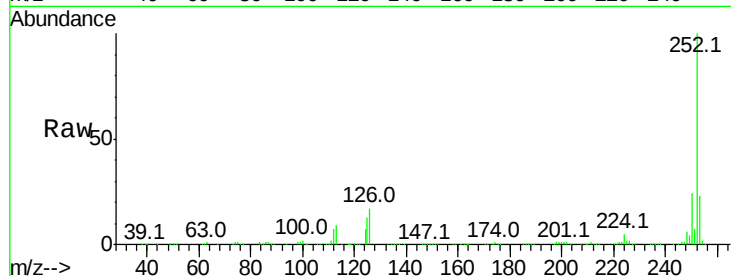
Tot Ion:252 Resp: 1010955

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

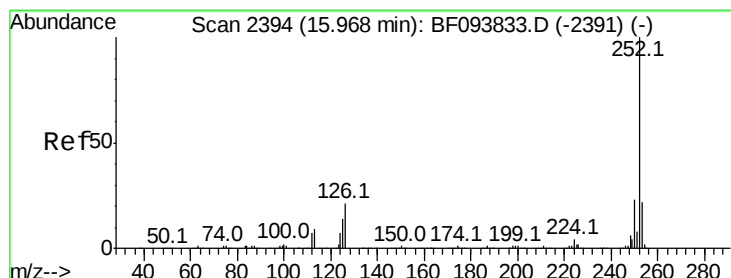
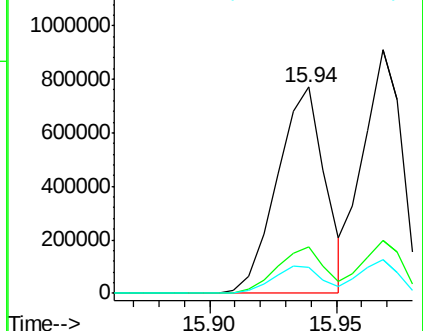
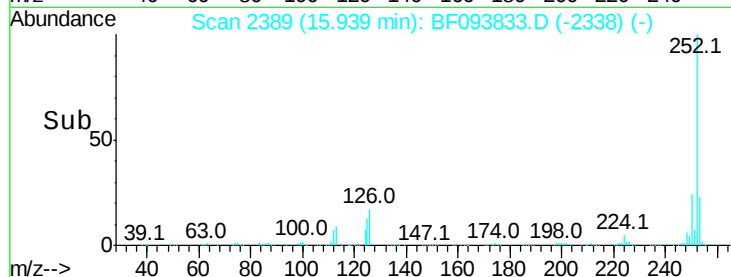
125 12.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.65 ng

RT: 15.97 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

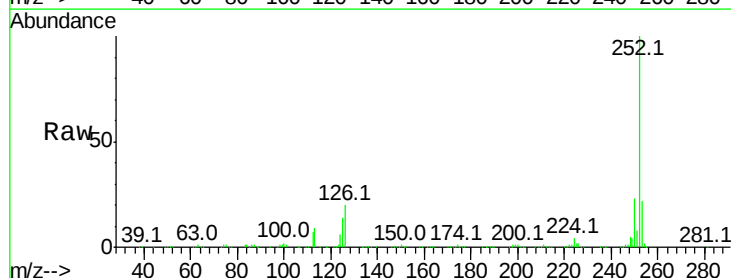
Tgt Ion:252 Resp: 997105

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

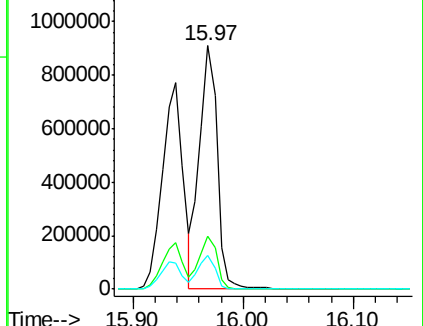
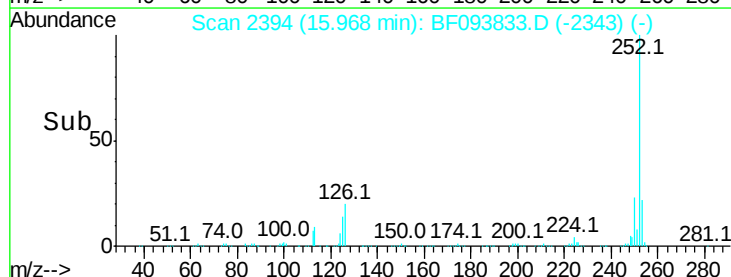
125 13.9 13.1 19.7

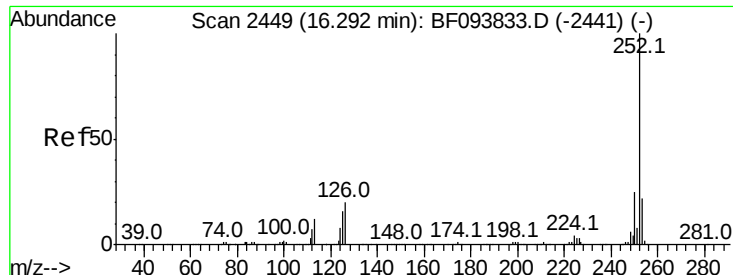


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

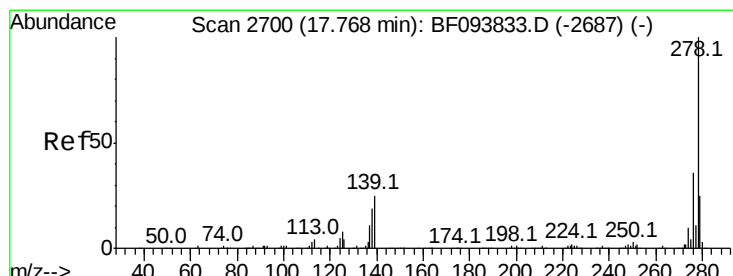
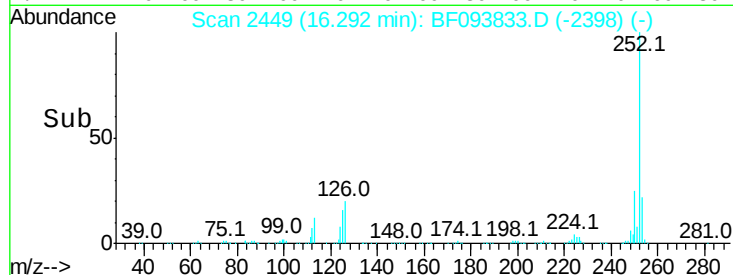
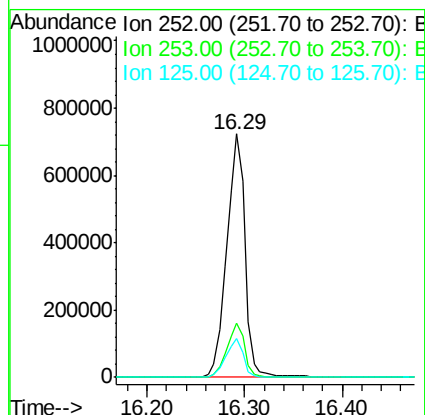
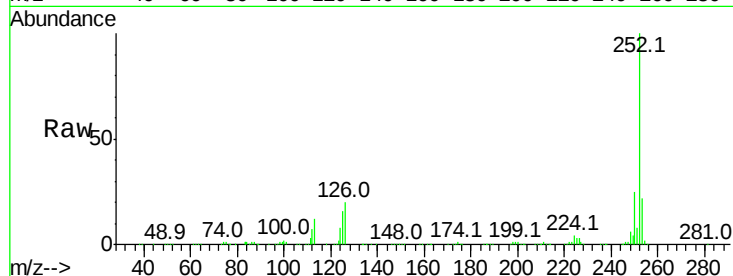




#89
Benzo(a)pyrene
Concen: 42.58 ng
RT: 16.29 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

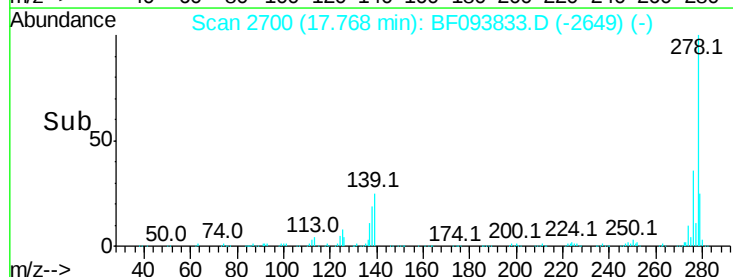
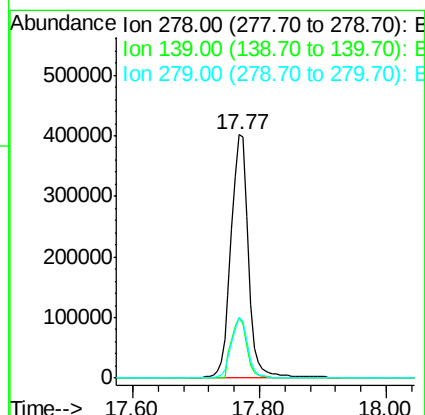
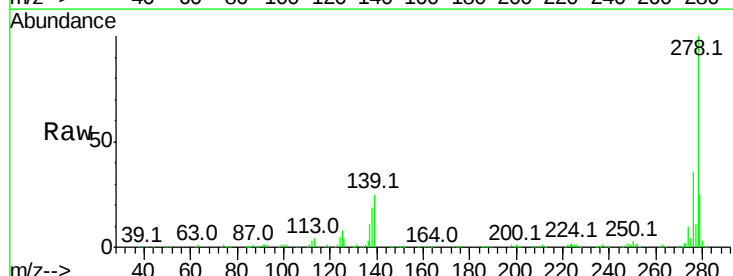
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 939037
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 15.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.12 ng
RT: 17.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: BF093833.D
Acq: 22 Mar 2017 15:39

Tgt Ion:278 Resp: 771271
Ion Ratio Lower Upper
278 100
139 24.7 16.6 24.8
279 24.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.29 ng

RT: 18.16 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BF093833.D

Acq: 22 Mar 2017 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

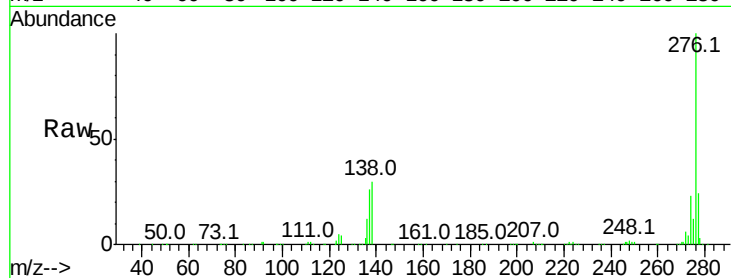
Tot Ion:276 Resp: 768629

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.3 25.4 38.0



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

