

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093520.D
 Acq On : 10 Mar 2017 13:54
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 10 16:06:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	177402	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	605721	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	298097	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	542917	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	485402	20.00	ng	-0.01
86) Perylene-d12	15.32	264	397220	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	876248	82.21	ng	0.01
7) Phenol-d6	6.42	99	1026370	76.36	ng	0.01
23) Nitrobenzene-d5	7.32	82	1038286	95.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	174815	90.01	ng	-0.02
44) 2-Fluorobiphenyl	9.11	172	1445246	90.18	ng	-0.02
78) Terphenyl-d14	12.85	244	1282024	68.67	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	221808	37.78	ng	# 86
3) Pyridine	2.95	79	489275	32.69	ng	85
4) n-Nitrosodimethylamine	2.90	42	274096	38.34	ng	83
6) Aniline	6.41	93	455000	24.66	ng	# 51
8) 2-Chlorophenol	6.54	128	453183	37.95	ng	95
9) Benzaldehyde	6.30	77	278035	30.89	ng	99
10) Phenol	6.44	94	668952	40.61	ng	# 72
11) bis(2-Chloroethyl)ether	6.48	93	472871	35.52	ng	91
12) 1,3-Dichlorobenzene	6.92	146	487035	35.63	ng	97
13) 1,4-Dichlorobenzene	6.76	146	545431	38.97	ng	98
14) 1,2-Dichlorobenzene	6.92	146	495790	40.00	ng	97
15) Benzyl Alcohol	6.90	79	283782	29.62	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	963145	43.55	ng	97
17) 2-Methylphenol	7.04	107	415449	41.13	ng	97
18) Hexachloroethane	7.25	117	189005	40.04	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	380547	41.18	ng	# 91
20) 3+4-Methylphenols	7.20	107	561981	42.90	ng	# 72
22) Acetophenone	7.17	105	713194	48.93	ng	# 94
24) Nitrobenzene	7.34	77	579191	47.21	ng	99
25) Isophorone	7.58	82	940056	42.70	ng	96
26) 2-Nitrophenol	7.66	139	251772	44.98	ng	91
27) 2,4-Dimethylphenol	7.72	122	368128	40.42	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	501432	36.08	ng	98
29) 2,4-Dichlorophenol	7.92	162	369345	43.11	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	370995	40.72	ng	99
31) Naphthalene	8.05	128	1184741	39.03	ng	99
32) Benzoic acid	7.86	122	136881	28.93	ng	97
33) 4-Chloroaniline	8.14	127	499636	40.56	ng	97
34) Hexachlorobutadiene	8.16	225	190456	40.58	ng	99
35) Caprolactam	8.49	113	111136	37.98	ng	# 36
36) 4-Chloro-3-methylphenol	8.63	107	345572	37.79	ng	91
37) 2-Methylnaphthalene	8.74	142	815944	42.25	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	350465	43.06	ng	98
40) Hexachlorocyclopentadiene	8.89	237	106445	56.08	ng	97

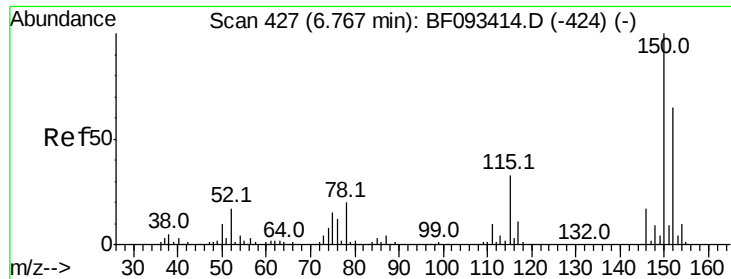
Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093520.D
 Acq On : 10 Mar 2017 13:54
 Operator : SJ/MA
 Sample : SSTDCCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	226838	44.60	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	213536	39.13	nq #	90
45) 1,1'-Biphenyl	9.20	154	898401	41.37	nq	96
46) 2-Chloronaphthalene	9.24	162	766122	46.09	nq	96
47) 2-Nitroaniline	9.35	65	260597	44.35	nq #	83
48) Acenaphthylene	9.65	152	1235037	45.05	nq	98
49) Dimethylphthalate	9.51	163	788355	39.89	nq	98
50) 2,6-Dinitrotoluene	9.59	165	200465	46.23	nq #	75
51) Acenaphthene	9.82	154	737917	45.52	nq	97
52) 3-Nitroaniline	9.76	138	225196	43.23	nq	99
53) 2,4-Dinitrophenol	9.90	184	39016	19.76	nq #	85
54) Dibenzofuran	9.99	168	961000	47.36	nq	95
55) 4-Nitrophenol	9.99	139	460565	182.01	nq #	13
56) 2,4-Dinitrotoluene	10.00	165	244467	45.89	nq #	68
57) Fluorene	10.33	166	854754	49.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	162389	42.17	nq	92
59) Diethylphthalate	10.21	149	793037	41.99	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	382660	49.65	nq #	86
61) 4-Nitroaniline	10.38	138	206492	38.75	nq	92
62) Azobenzene	10.48	77	906351	42.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	129154	36.72	nq	89
65) n-Nitrosodiphenylamine	10.45	169	696620	38.43	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	220450	38.40	nq #	81
67) Hexachlorobenzene	10.88	284	225146	41.07	nq	97
68) Atrazine	10.98	200	203989	38.44	nq	93
69) Pentachlorophenol	11.09	266	100694	53.20	nq	96
70) Phenanthrene	11.29	178	1202716	38.81	nq	98
71) Anthracene	11.34	178	1219133	38.89	nq	98
72) Carbazole	11.51	167	1117918	37.96	nq	99
73) Di-n-butylphthalate	11.83	149	1304157	38.28	nq #	96
74) Fluoranthene	12.48	202	1255805	41.95	nq	95
76) Benzidine	12.61	184	834769	52.30	nq	98
77) Pyrene	12.71	202	1253645	35.51	nq	99
79) Butylbenzylphthalate	13.32	149	520880	35.05	nq	95
80) Benzo(a)anthracene	13.90	228	1072202	37.40	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	396084	39.45	nq #	95
82) Chrysene	13.93	228	886044	33.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	694315	33.52	nq	98
84) Di-n-octyl phthalate	14.49	149	1235357	35.78	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	825316	37.18	nq	95
87) Benzo(b)fluoranthene	14.95	252	1907857	78.86	nq #	97
88) Benzo(k)fluoranthene	14.95	252	1907857	81.78	nq	98
89) Benzo(a)pyrene	15.26	252	868040	39.26	nq	97
90) Dibenzo(a,h)anthracene	16.68	278	707798	38.70	nq	96
91) Benzo(g,h,i)perylene	17.09	276	728033	38.78	nq #	91

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

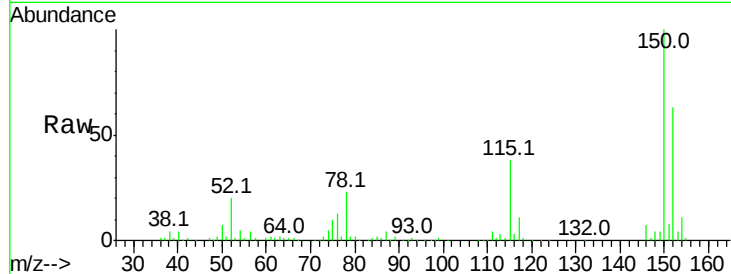


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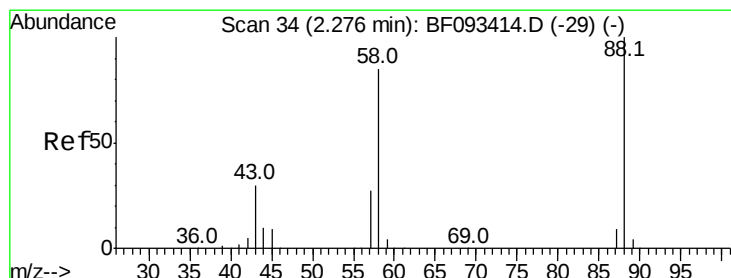
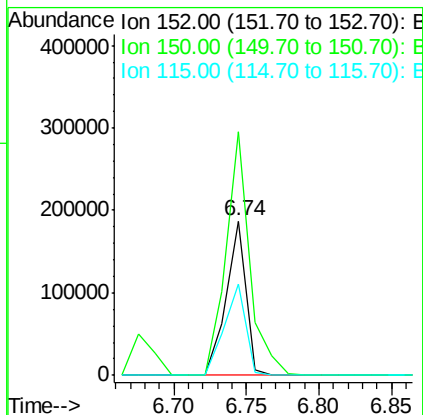
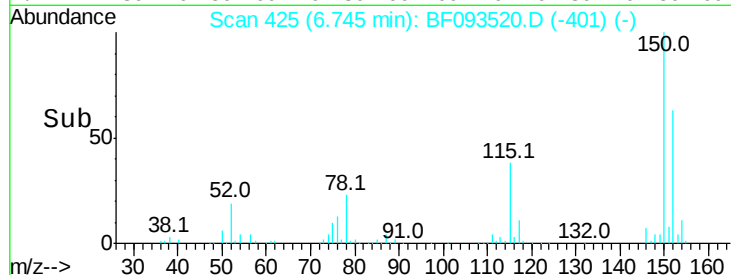
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 177402
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 59.2 46.0 69.0



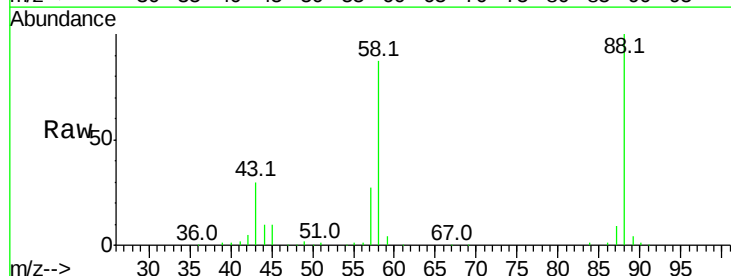
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



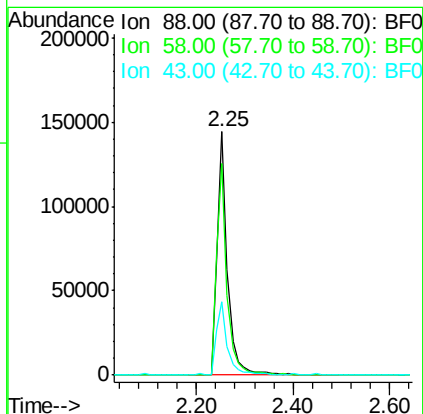
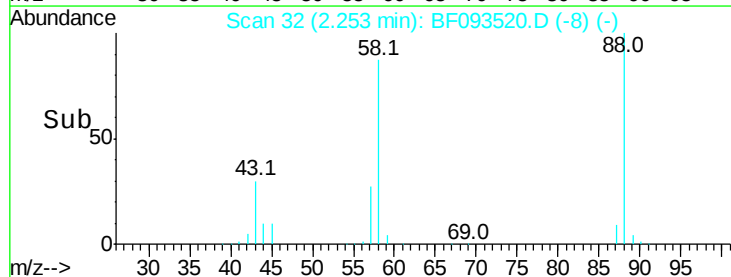
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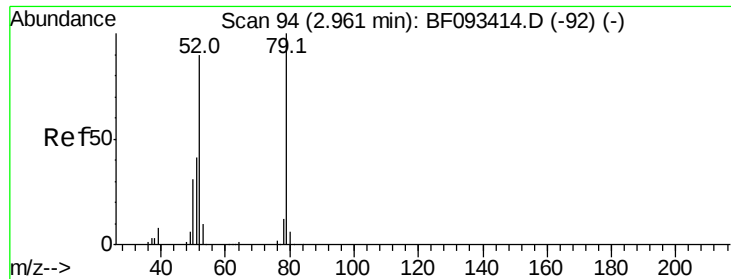
1,4-Dioxane
Concen: 37.78 ng
RT: 2.25 min Scan# 32
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion: 88 Resp: 221808
Ion Ratio Lower Upper
88 100
58 87.1 57.8 86.8#
43 30.6 22.3 33.5



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: 32.69 ng

RT: 2.95 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

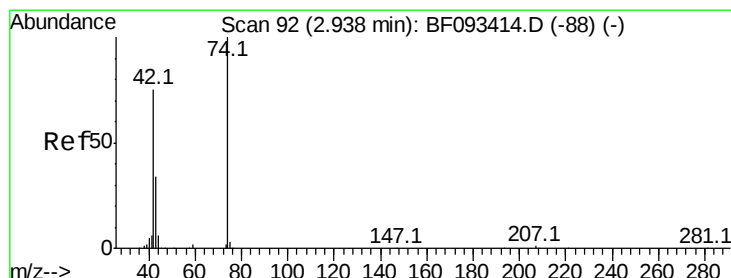
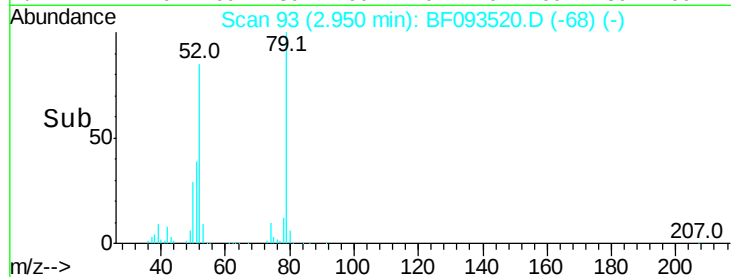
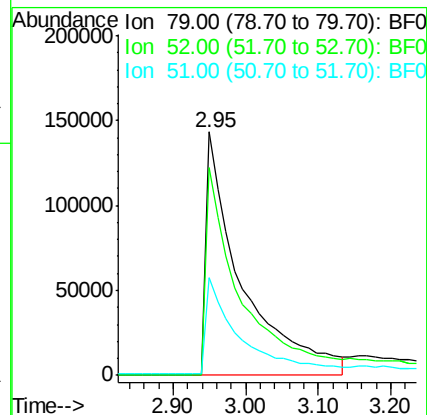
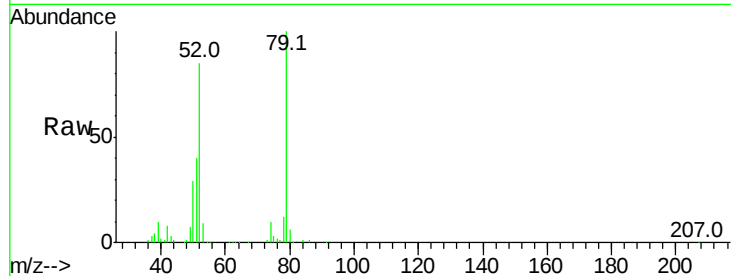
Tot Ion: 79 Resp: 489275

Ion Ratio Lower Upper

79 100

52 85.3 57.1 85.7

51 40.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.34 ng

RT: 2.90 min Scan# 89

Delta R.T. -0.03 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

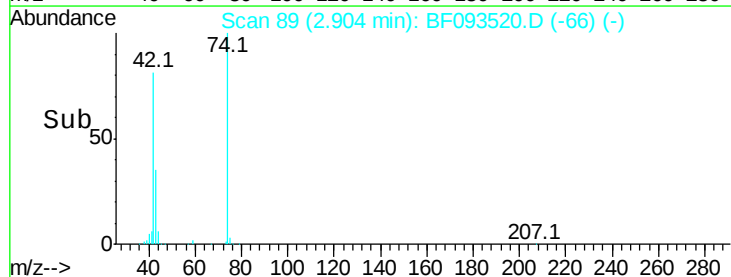
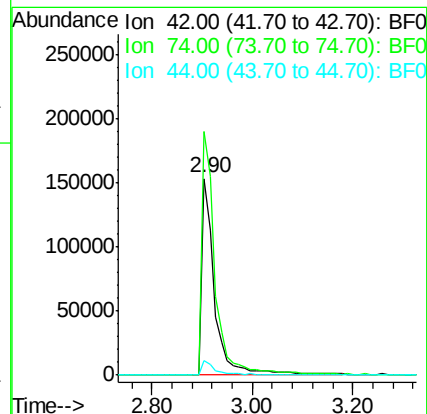
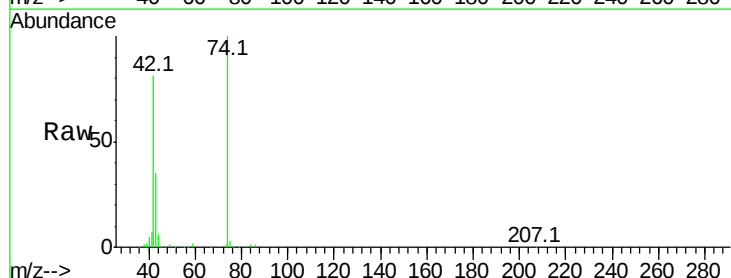
Tgt Ion: 42 Resp: 274096

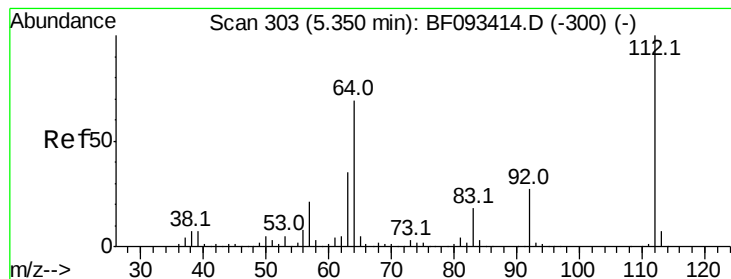
Ion Ratio Lower Upper

42 100

74 124.0 117.0 175.4

44 7.5 5.5 8.3

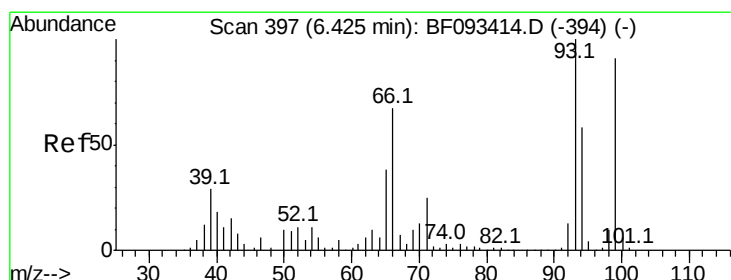
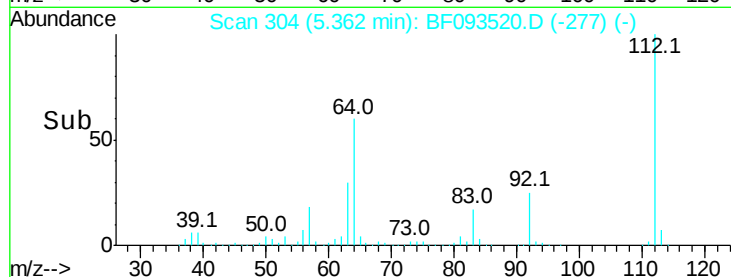
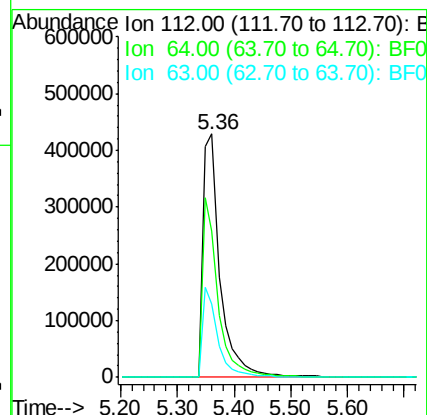
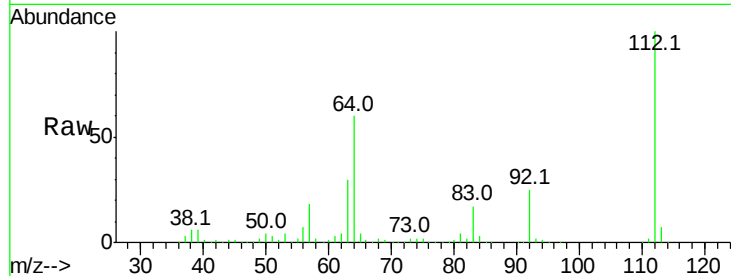




#5
 2-Fluorophenol
 Concen: 82.21 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

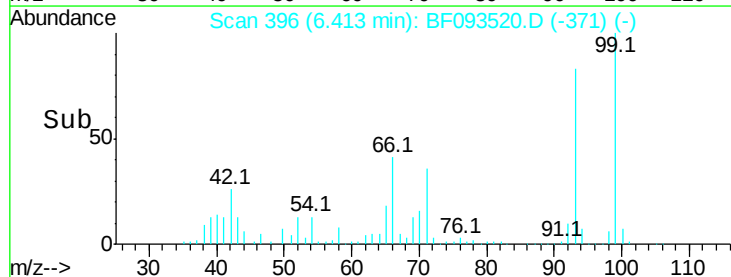
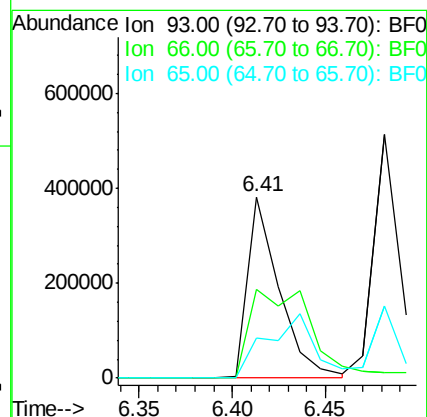
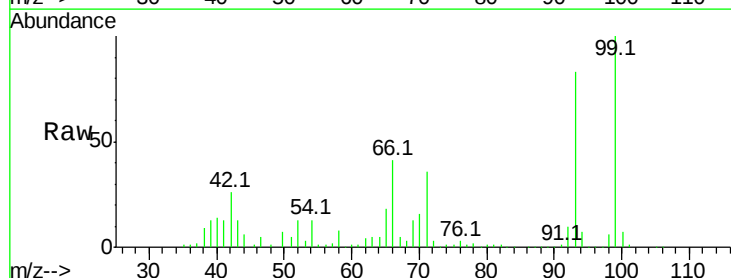
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

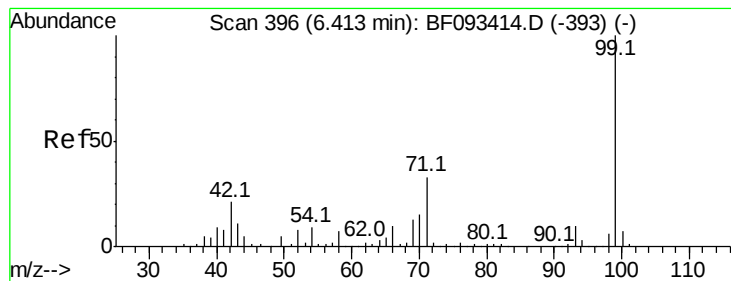
Tot Ion:112 Resp: 876248
 Ion Ratio Lower Upper
 112 100
 64 60.4 46.1 69.1
 63 30.1 23.8 35.6



#6
 Aniline
 Concen: 24.66 ng
 RT: 6.41 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion: 93 Resp: 455000
 Ion Ratio Lower Upper
 93 100
 66 48.9 76.2 114.2#
 65 22.2 49.3 73.9#





#7

Phenol-d6

Concen: 76.36 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

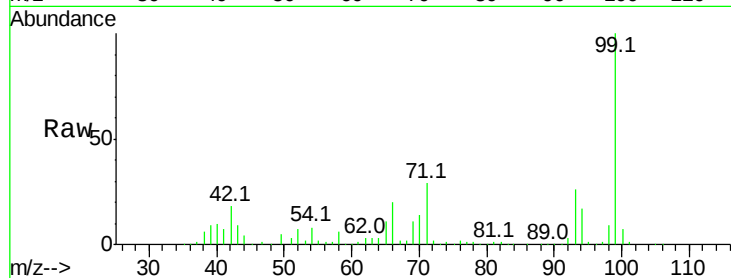
Tot Ion: 99 Resp: 1026370

Ion Ratio Lower Upper

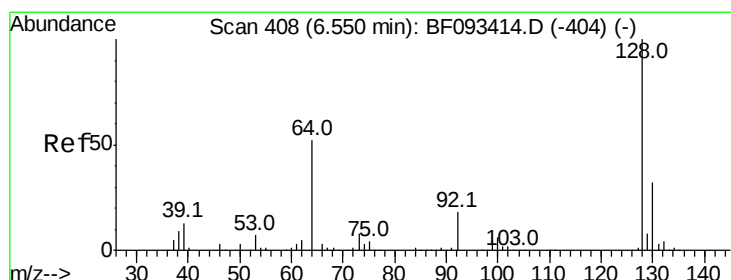
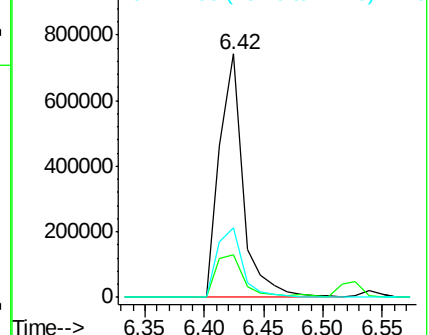
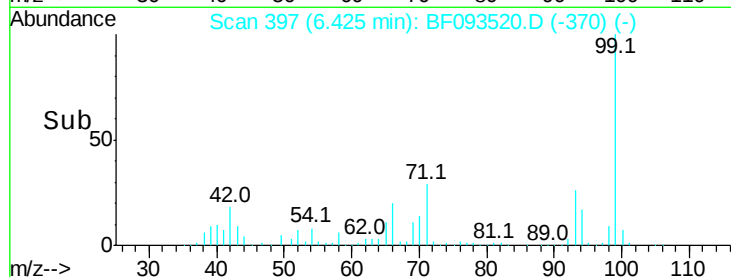
99 100

42 17.6 15.6 23.4

71 28.7 27.5 41.3



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



#8

2-Chlorophenol

Concen: 37.95 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

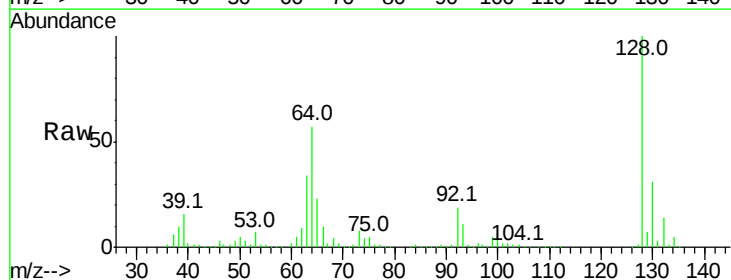
Tgt Ion: 128 Resp: 453183

Ion Ratio Lower Upper

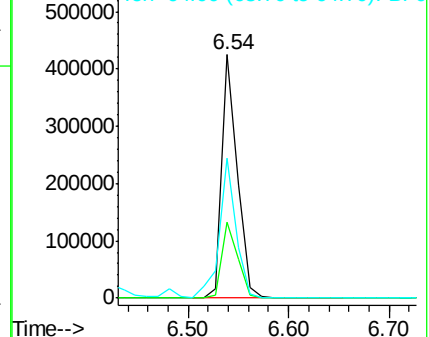
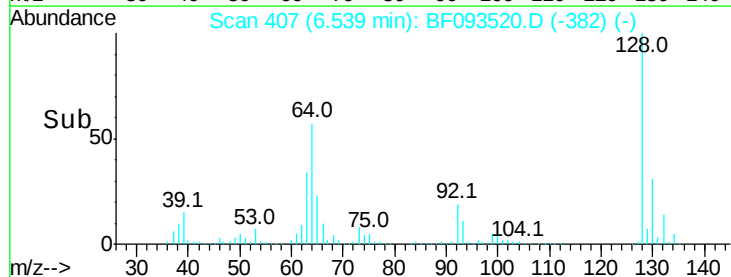
128 100

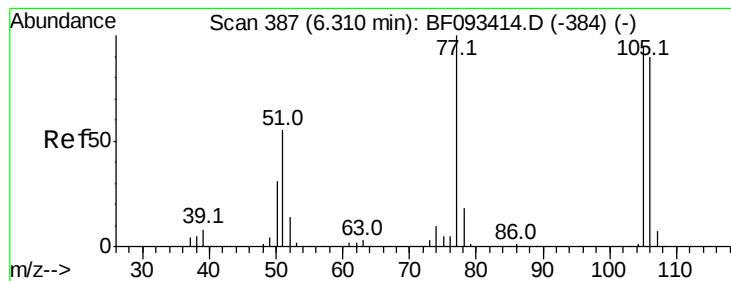
130 31.4 12.3 52.3

64 57.4 32.2 72.2



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





#9

Benzaldehyde

Concen: 30.89 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093520.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

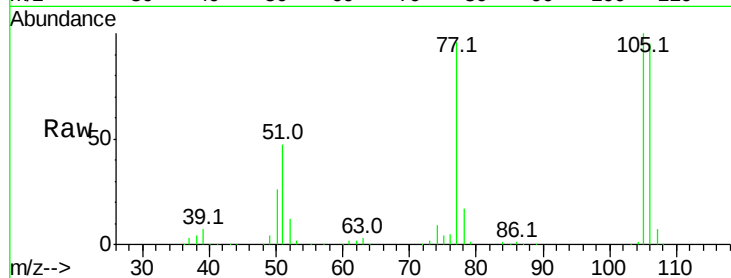
Tot Ion: 77 Resp: 278035

Ion Ratio Lower Upper

77 100

105 104.4 83.9 123.9

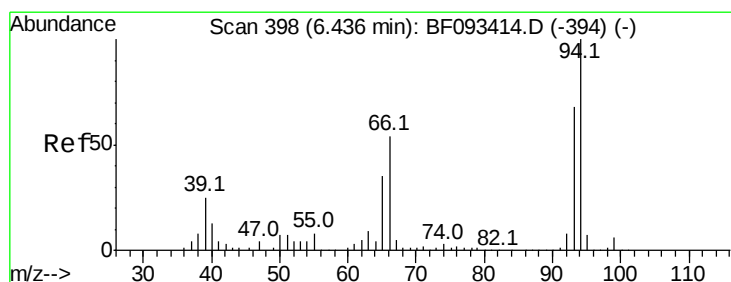
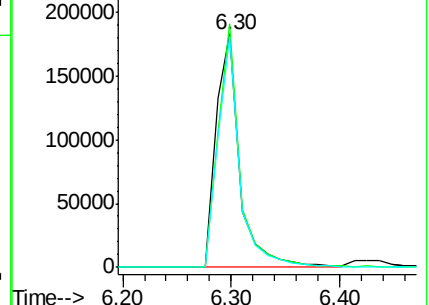
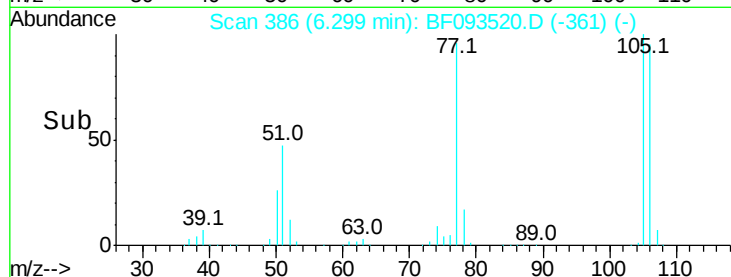
106 99.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.61 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

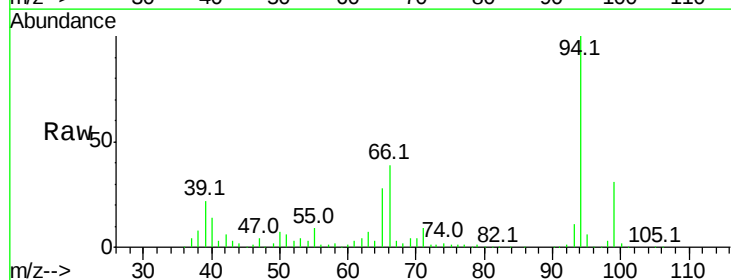
Tgt Ion: 94 Resp: 668952

Ion Ratio Lower Upper

94 100

65 28.4 21.4 61.4

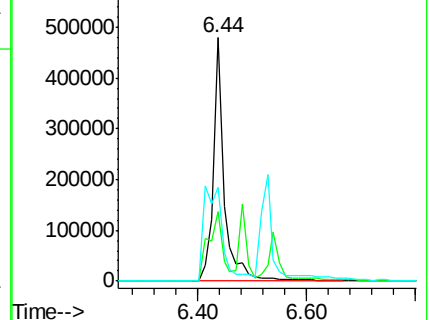
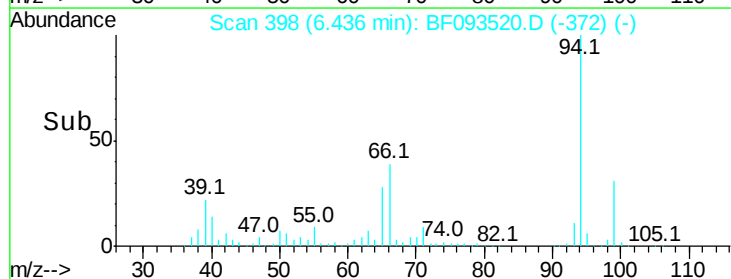
66 38.6 44.0 84.0#

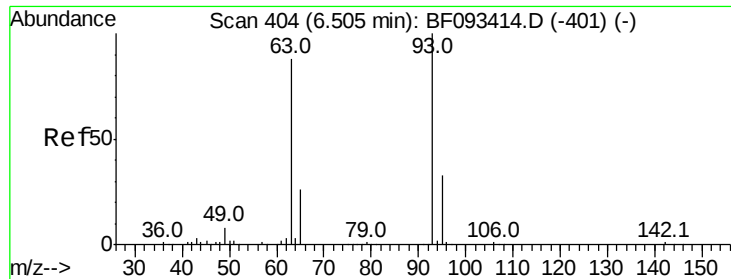


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

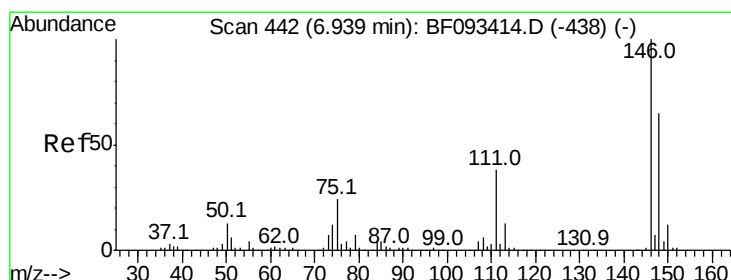
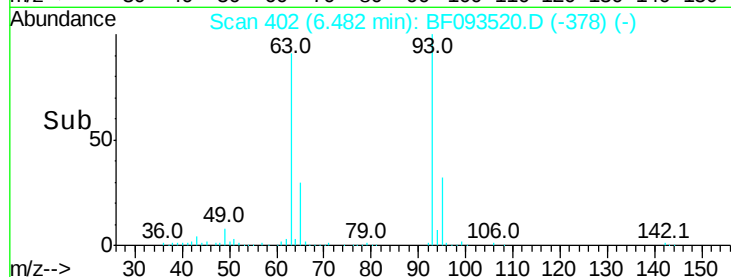
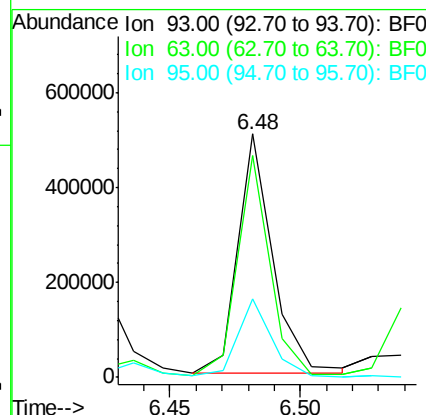
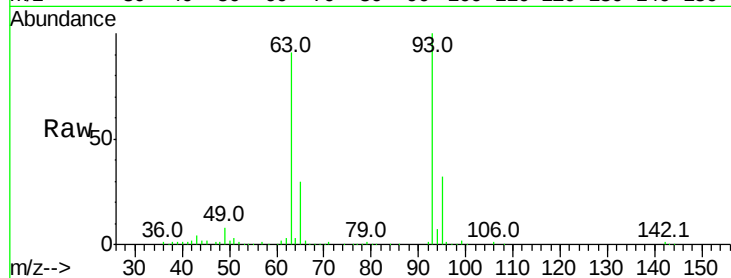




#11
bis(2-Chloroethyl)ether
Concen: 35.52 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

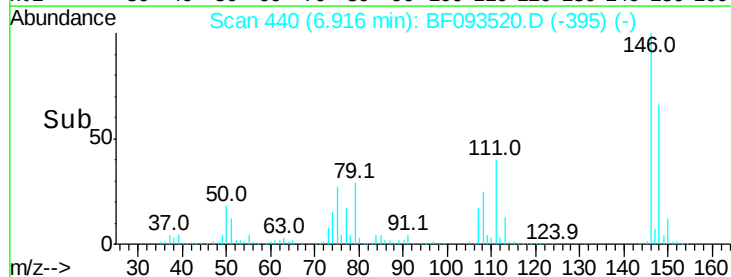
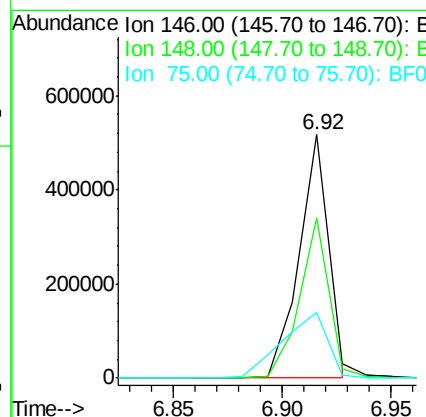
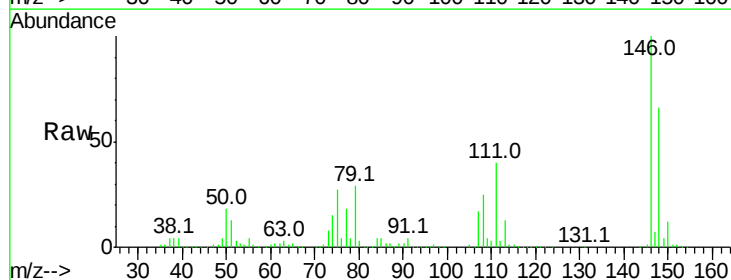
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

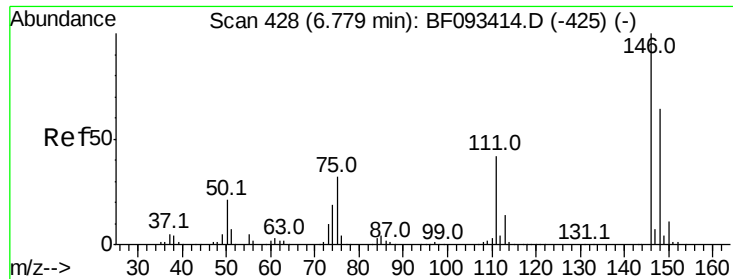
Tot Ion: 93 Resp: 472871
Ion Ratio Lower Upper
93 100
63 90.9 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.63 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.22 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion: 146 Resp: 487035
Ion Ratio Lower Upper
146 100
148 65.7 53.4 80.0
75 27.0 18.5 27.7

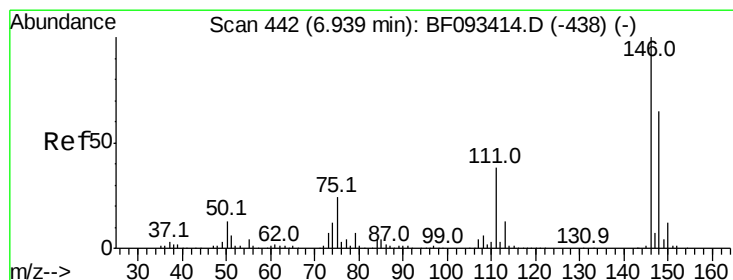
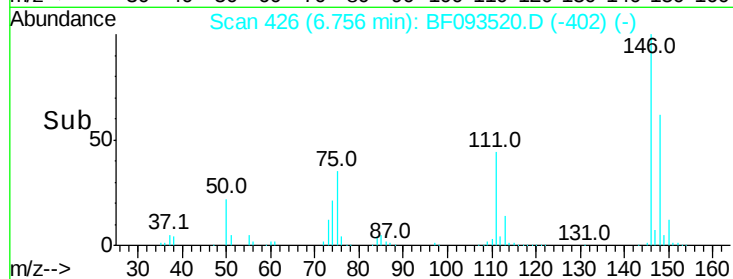
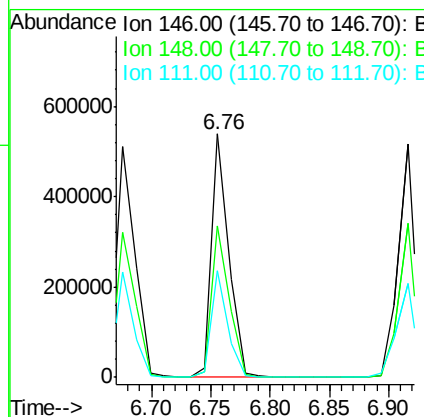
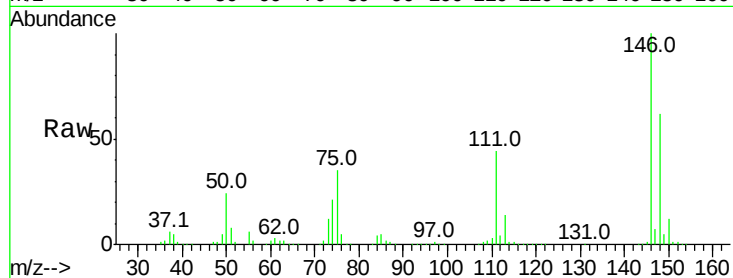




#13
 1,4-Dichlorobenzene
 Concen: 38.97 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

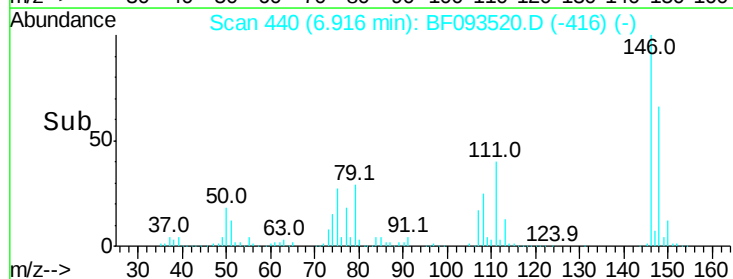
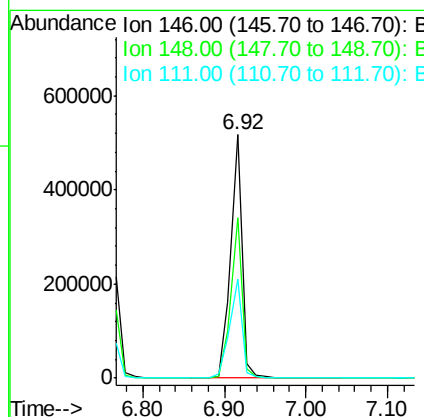
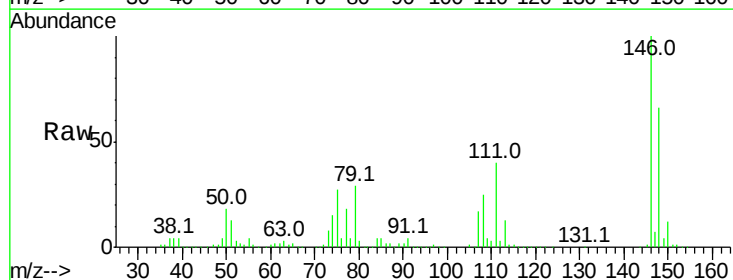
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

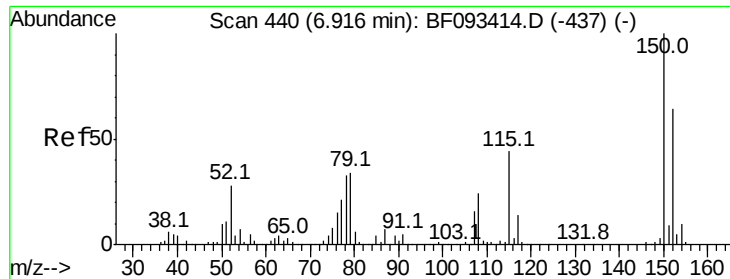
Tot Ion:146 Resp: 545431
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.6 76.0
 111 44.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.00 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:146 Resp: 495790
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.2
 111 40.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 29.62 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

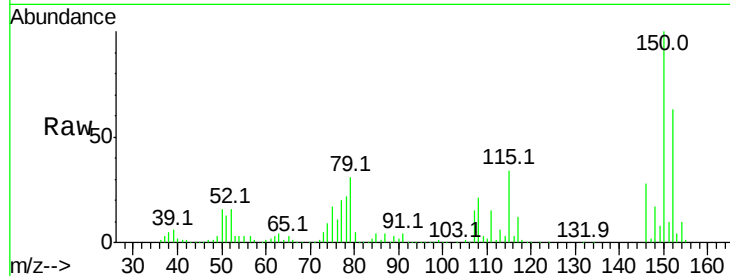
Tot Ion: 79 Resp: 283782

Ion Ratio Lower Upper

79 100

108 67.9 61.4 92.0

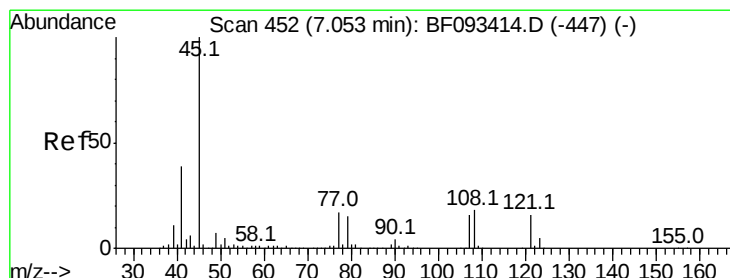
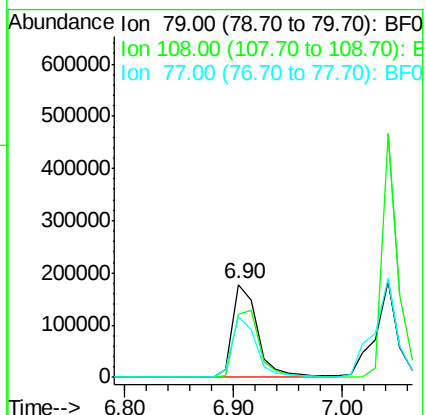
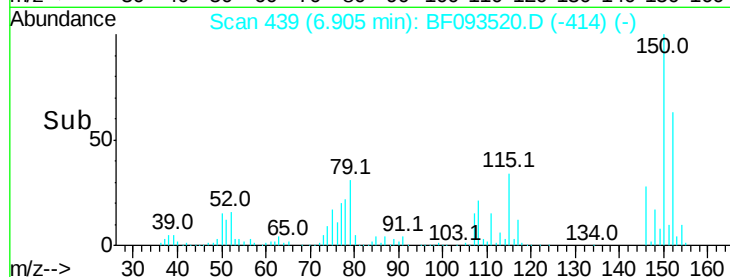
77 66.0 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.55 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

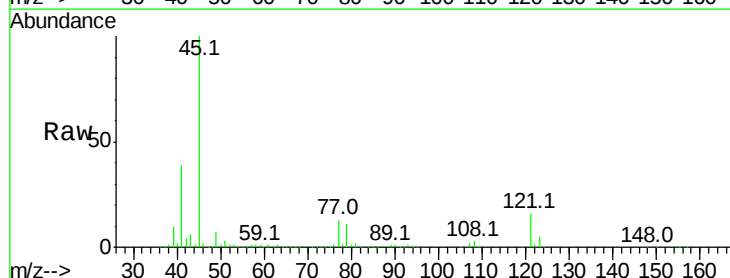
Tgt Ion: 45 Resp: 963145

Ion Ratio Lower Upper

45 100

77 12.7 0.0 34.6

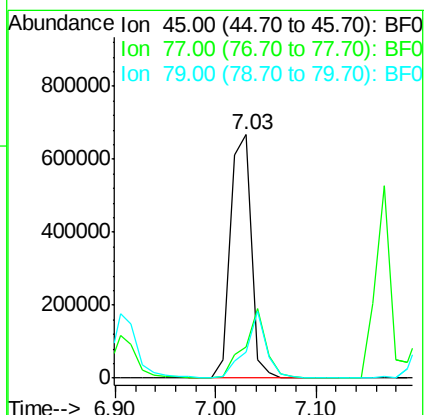
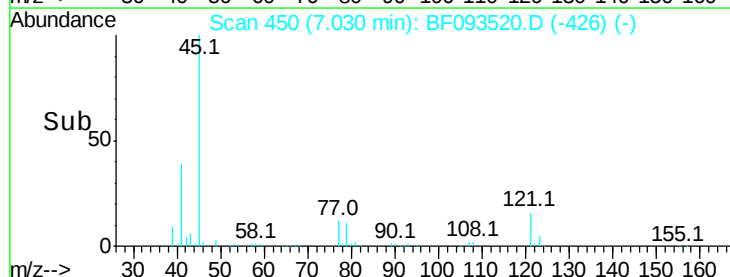
79 10.8 0.0 31.2

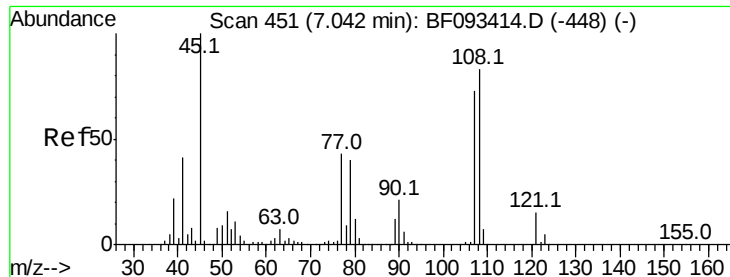


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

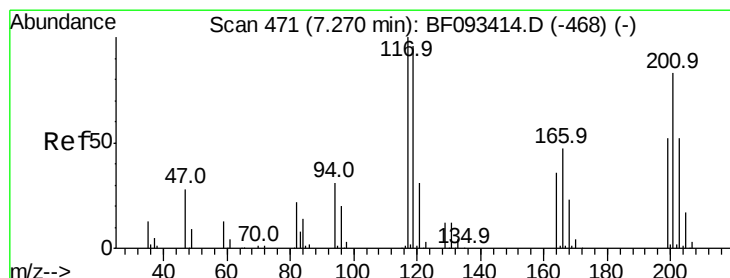
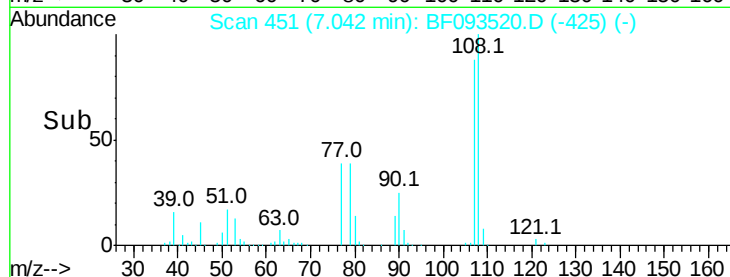
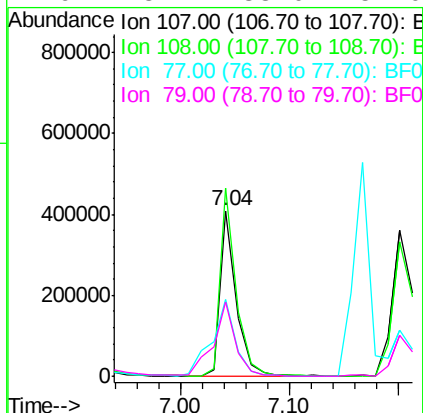
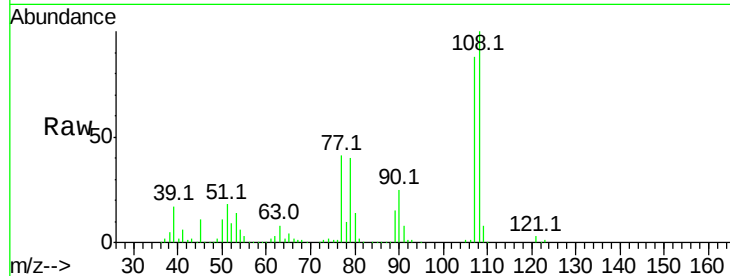




#17
2-Methylphenol
Concen: 41.13 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

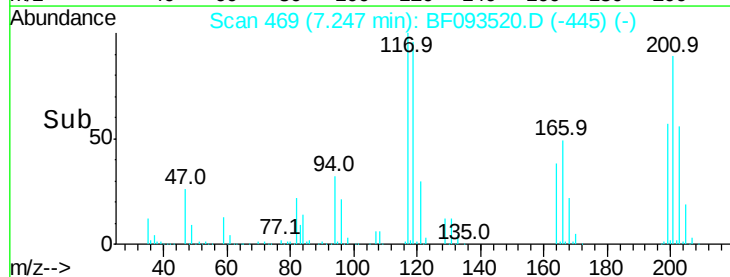
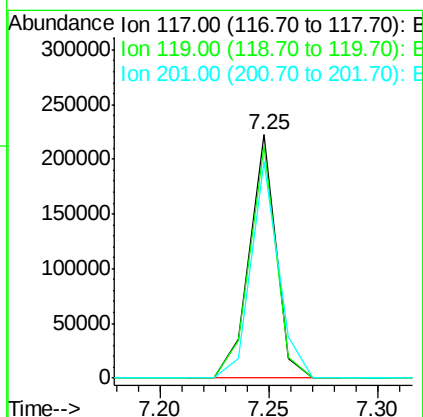
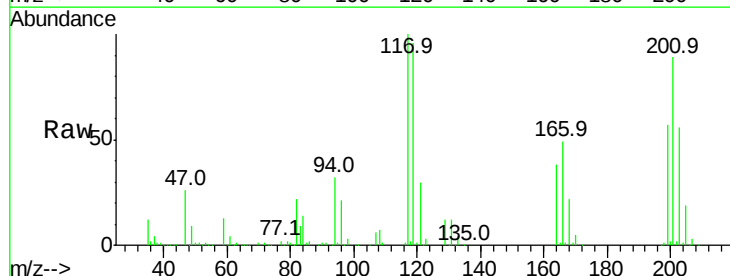
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

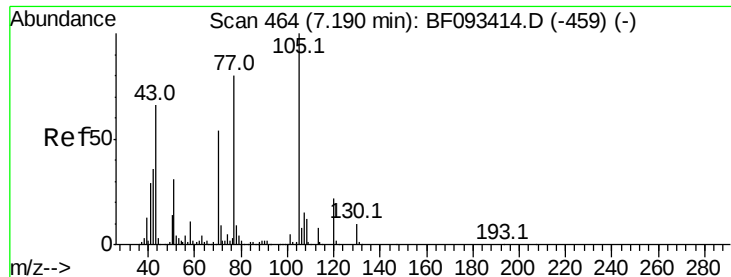
Tot Ion:107 Resp: 415449
Ion Ratio Lower Upper
107 100
108 113.8 93.0 139.6
77 46.2 39.8 59.8
79 45.1 38.0 57.0



#18
Hexachloroethane
Concen: 40.04 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:117 Resp: 189005
Ion Ratio Lower Upper
117 100
119 95.5 78.1 117.1
201 88.9 78.6 117.8

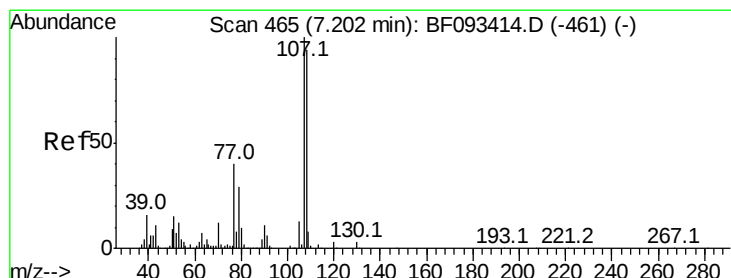
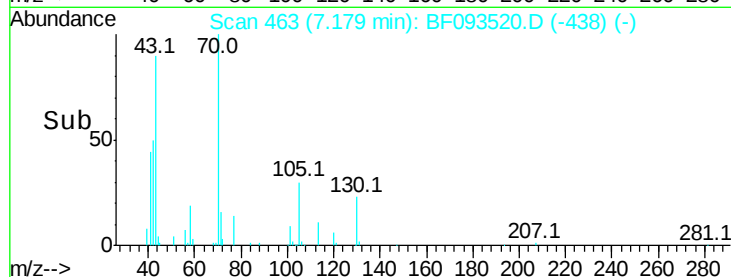
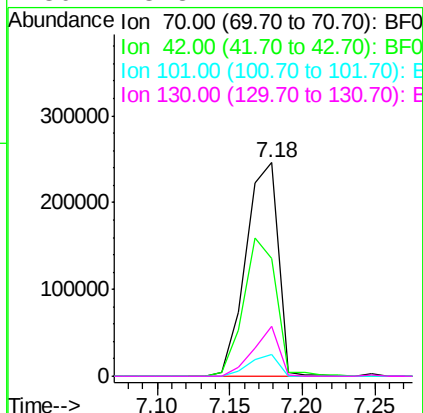
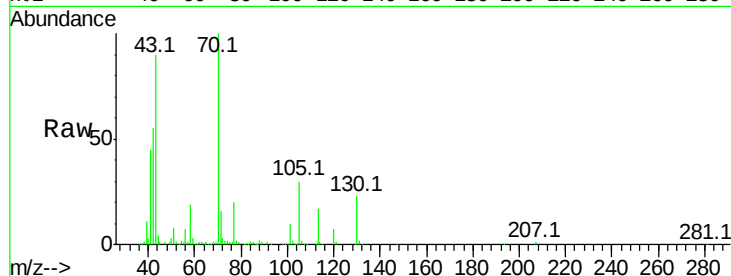




#19
n-Nitroso-di-n-propylamine
Concen: 41.18 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

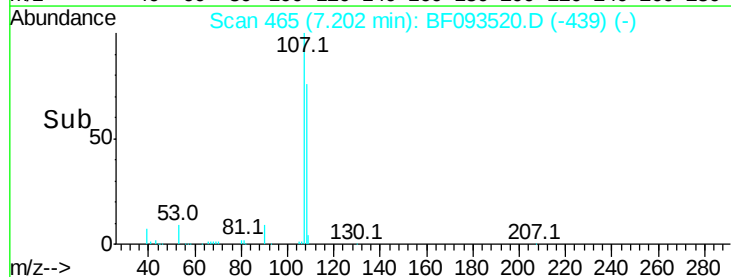
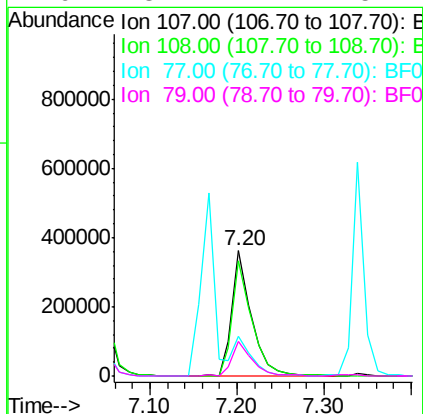
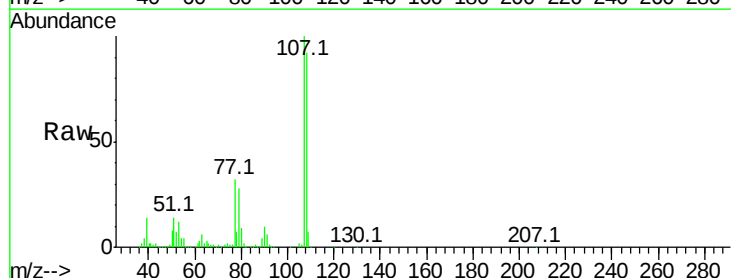
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

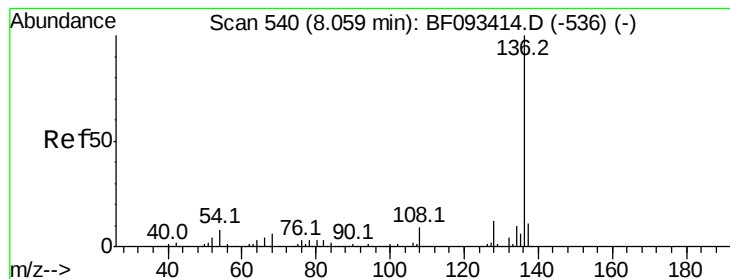
Tot Ion: 70 Resp: 380547
Ion Ratio Lower Upper
70 100
42 55.0 49.4 74.0
101 10.0 7.4 11.2
130 23.3 14.2 21.4#



#20
3+4-Methylphenols
Concen: 42.90 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion: 107 Resp: 561981
Ion Ratio Lower Upper
107 100
108 91.6 73.0 113.0
77 31.9 71.3 111.3#
79 28.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 605721

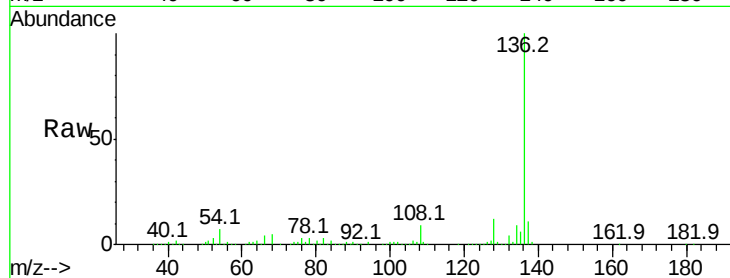
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.7 4.5 6.7

68 4.9 3.6 5.4

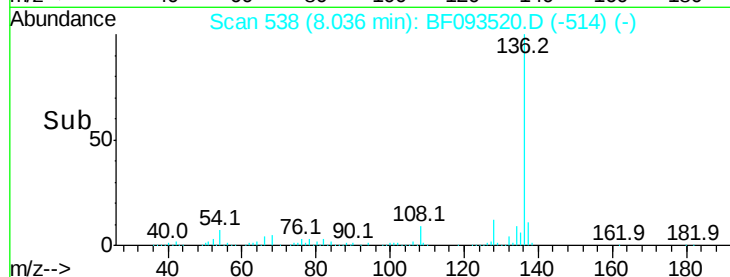


Abundance Ion 136.00 (135.70 to 136.70): E

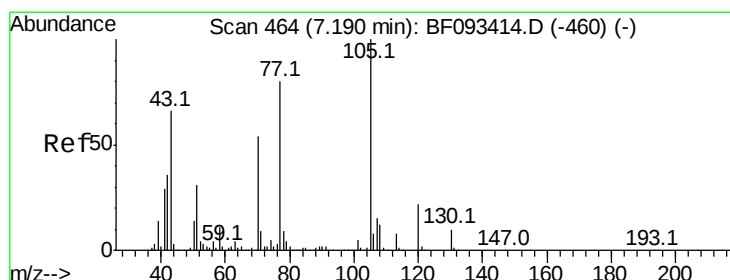
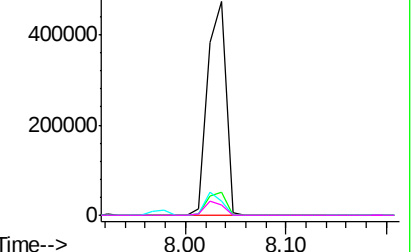
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 48.93 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:105 Resp: 713194

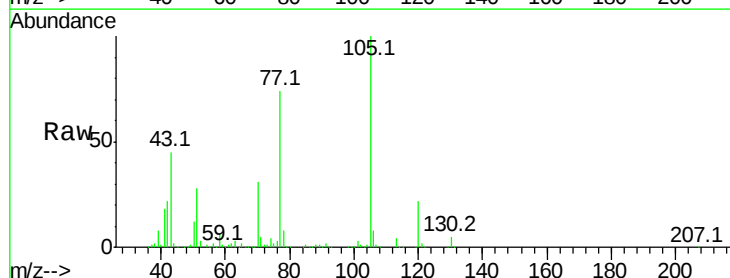
Ion Ratio Lower Upper

105 100

71 5.3 3.2 4.8#

51 28.0 26.2 39.4

120 21.9 16.6 24.8

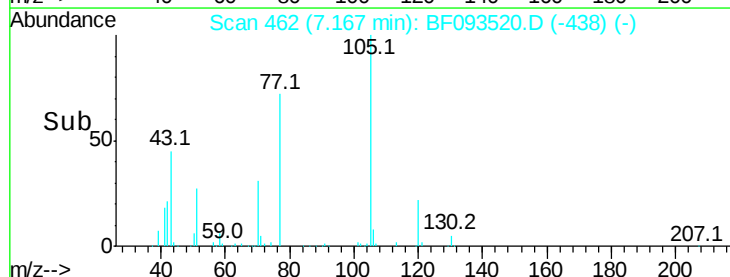


Abundance Ion 105.00 (104.70 to 105.70): E

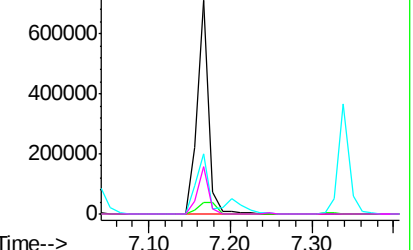
Ion 71.00 (70.70 to 71.70): BF0

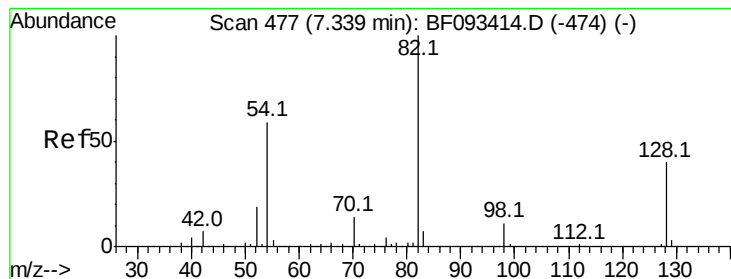
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 95.11 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

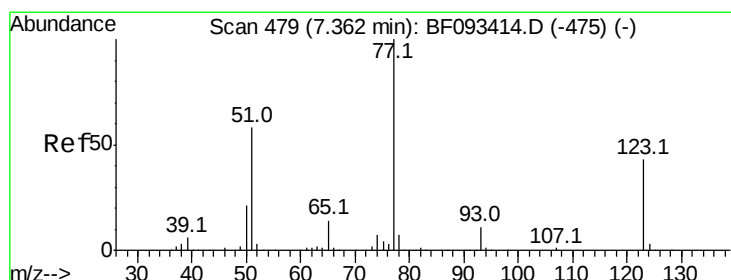
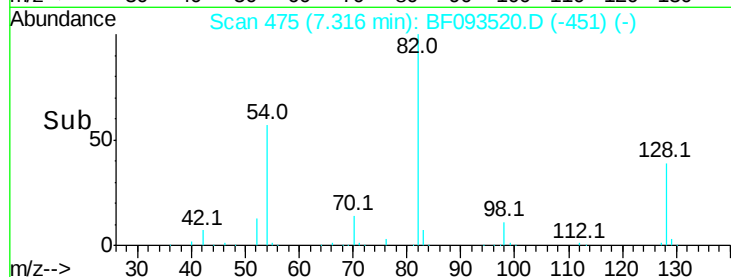
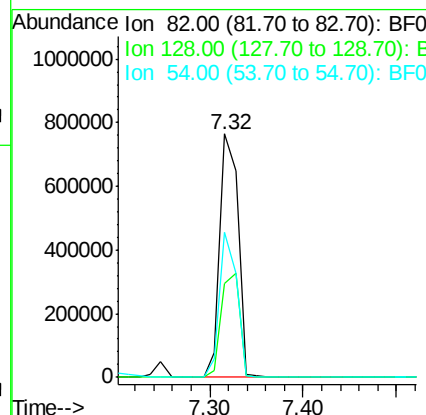
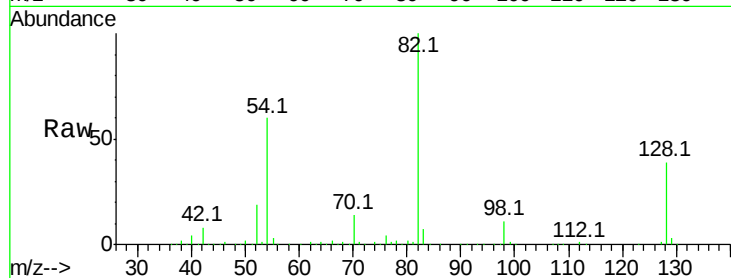
Tot Ion: 82 Resp: 1038286

Ion Ratio Lower Upper

82 100

128 38.8 34.6 52.0

54 59.8 39.5 59.3#



#24

Nitrobenzene

Concen: 47.21 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

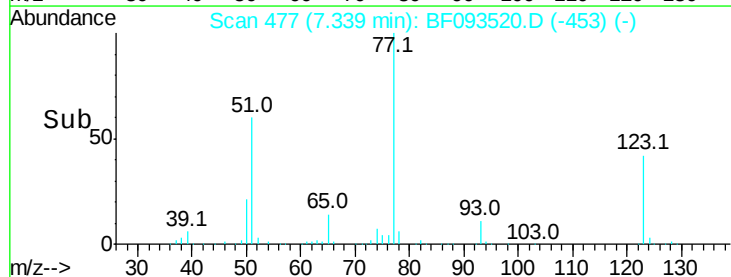
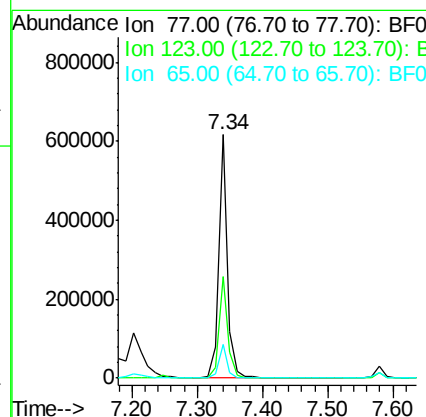
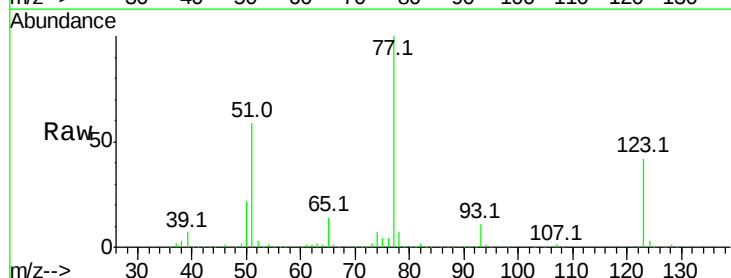
Tgt Ion: 77 Resp: 579191

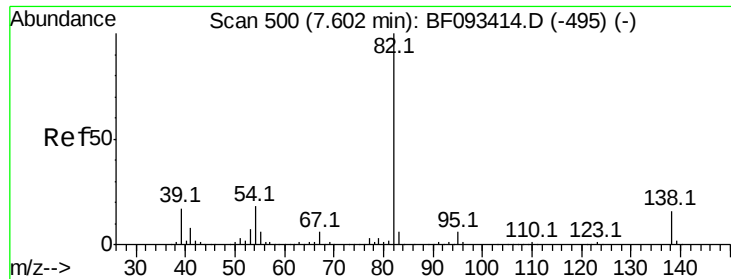
Ion Ratio Lower Upper

77 100

123 41.5 33.0 49.4

65 13.7 11.2 16.8





#25

Isophorone

Concen: 42.70 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

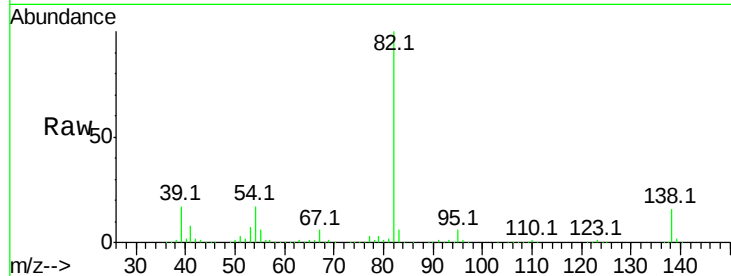
Tot Ion: 82 Resp: 940056

Ion Ratio Lower Upper

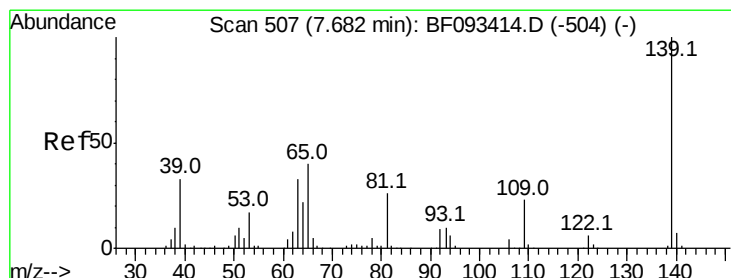
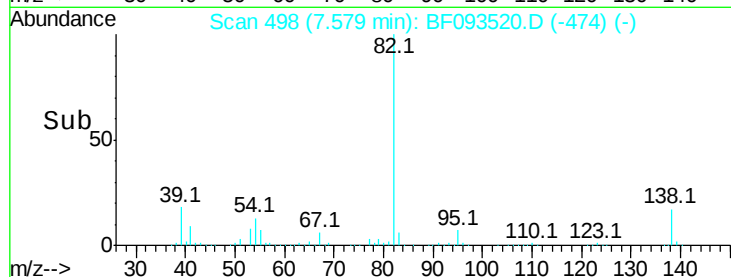
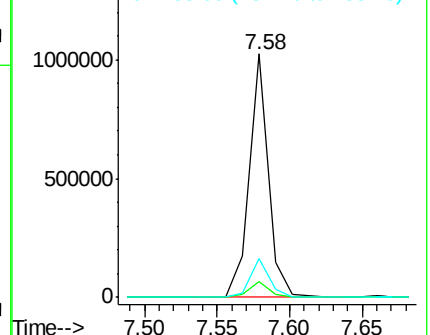
82 100

95 6.3 5.6 8.4

138 16.0 14.6 22.0



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: 44.98 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

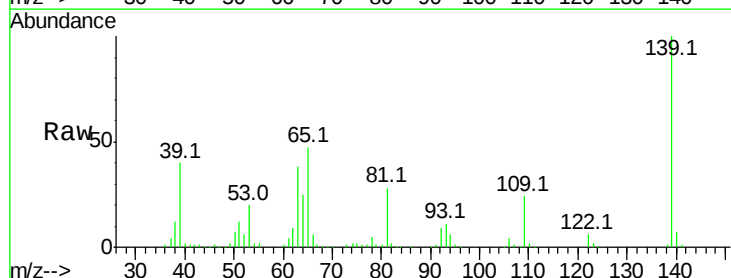
Tgt Ion:139 Resp: 251772

Ion Ratio Lower Upper

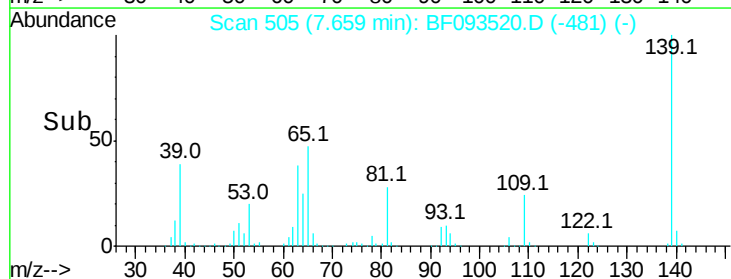
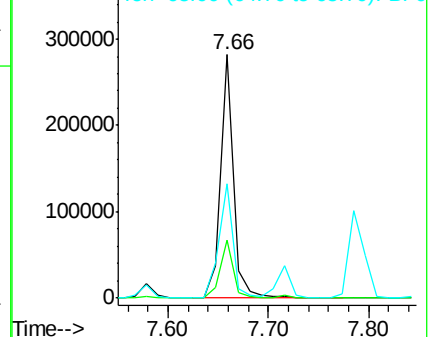
139 100

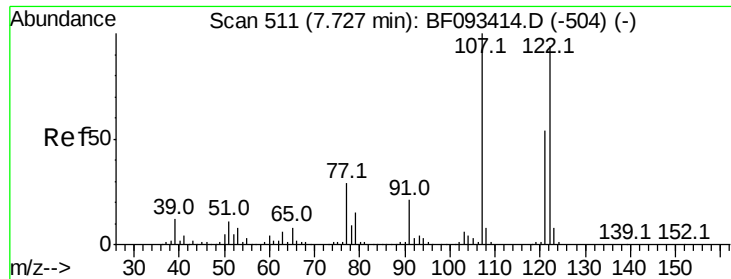
109 24.1 23.3 34.9

65 47.2 42.7 64.1



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

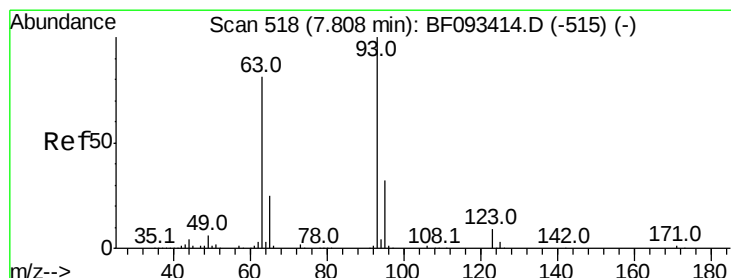
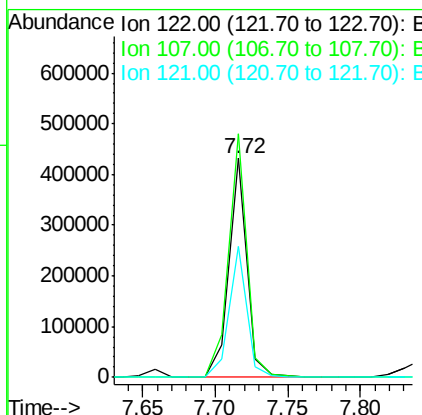
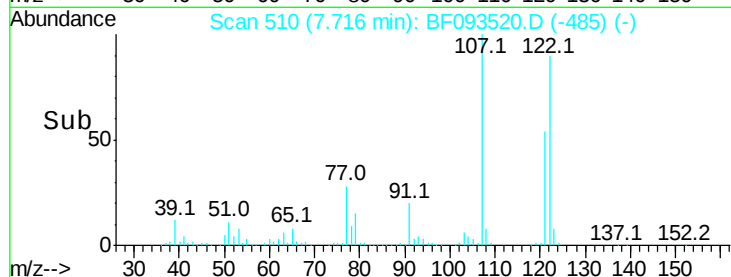
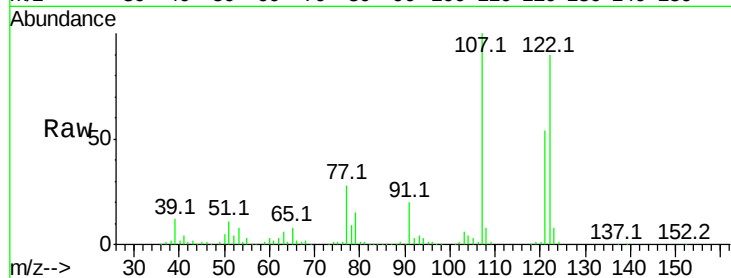




#27
 2,4-Dimethylphenol
 Concen: 40.42 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

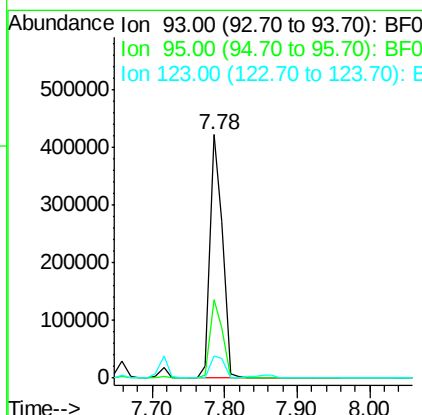
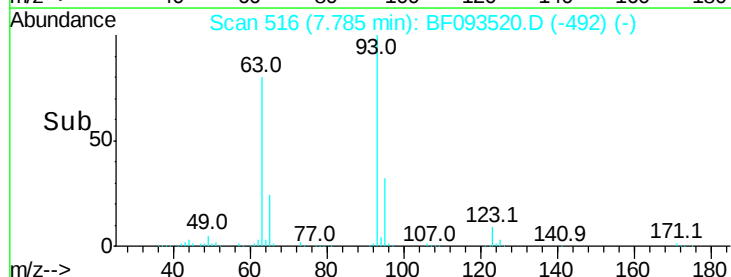
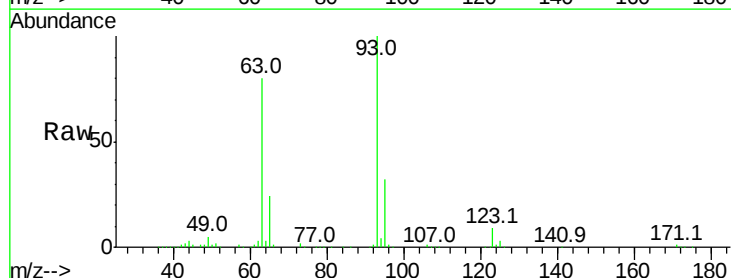
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

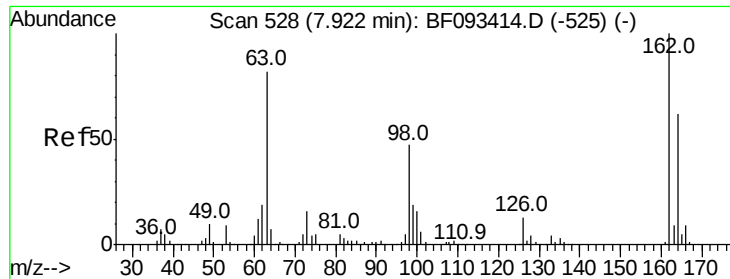
Tot Ion:122 Resp: 368128
 Ion Ratio Lower Upper
 122 100
 107 111.2 94.1 141.1
 121 59.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.08 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion: 93 Resp: 501432
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 9.0 8.6 13.0

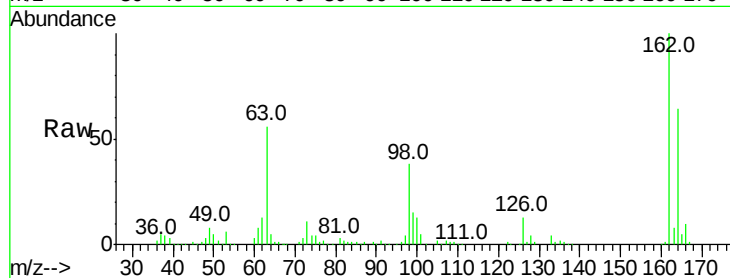




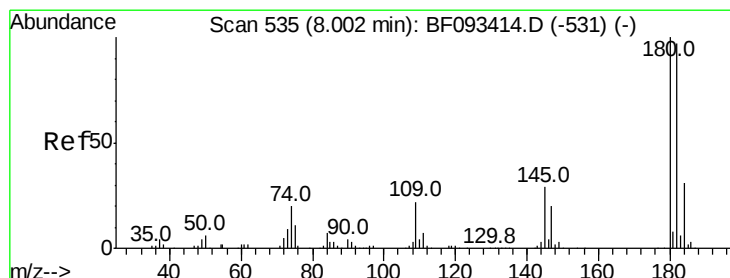
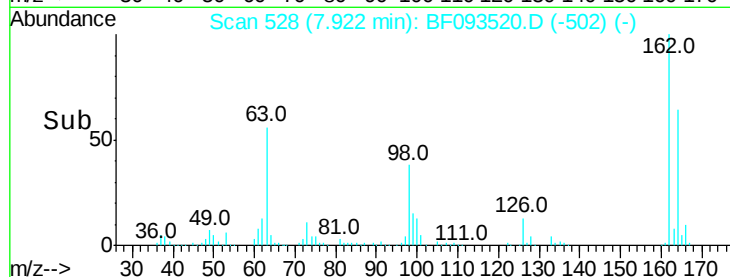
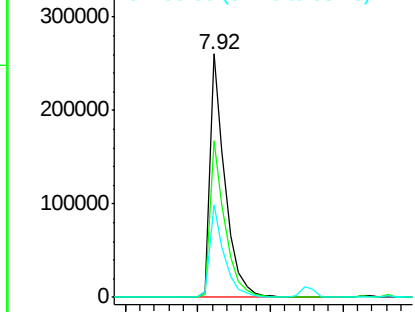
#29
 2,4-Dichlorophenol
 Concen: 43.11 ng
 RT: 7.92 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	38.0	9.1	49.1

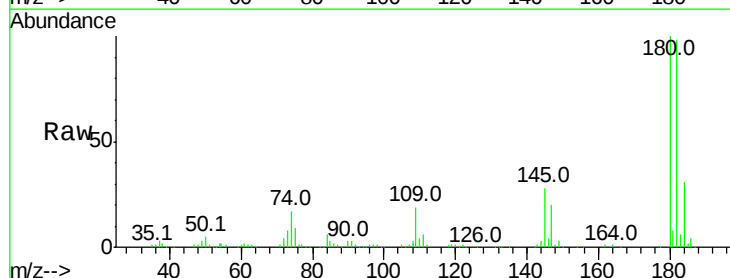


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

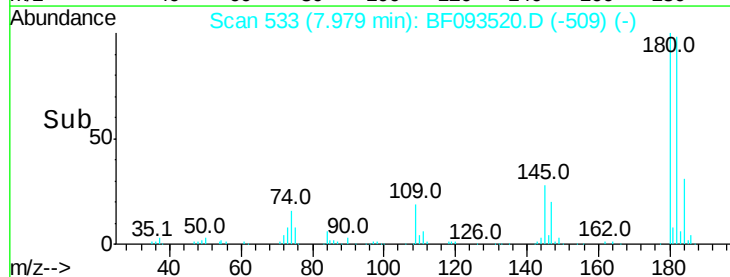
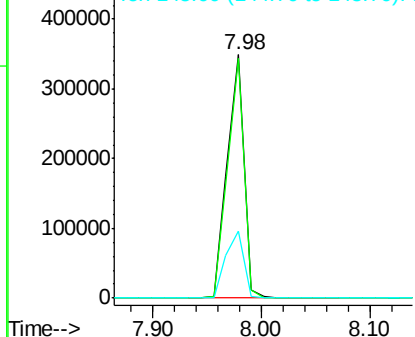


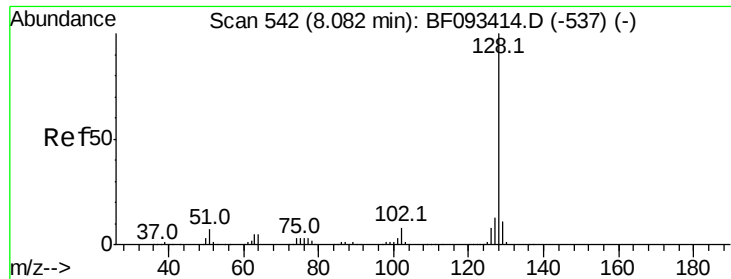
#30
 1,2,4-Trichlorobenzene
 Concen: 40.72 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	78.2	117.4
145	27.7	21.6	32.4



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

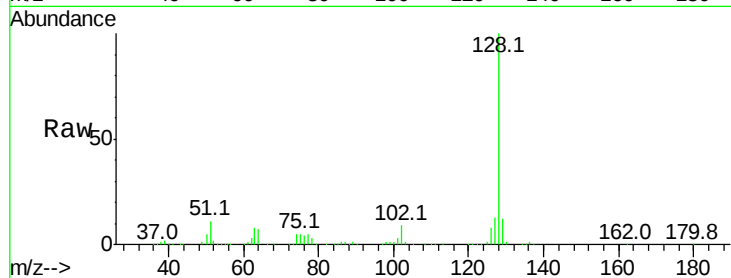




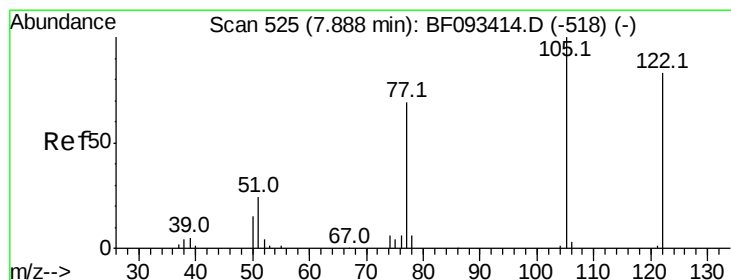
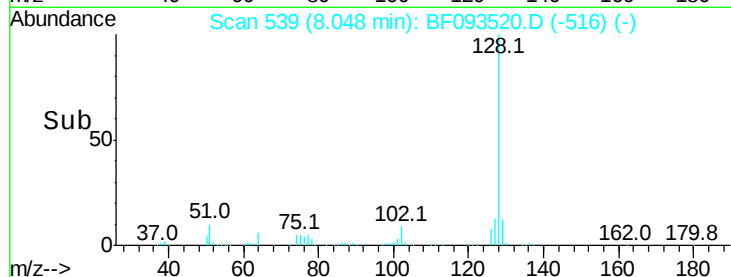
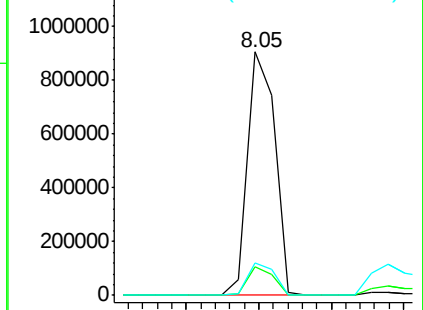
#31
Naphthalene
Concen: 39.03 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1184741
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.2 10.8 16.2

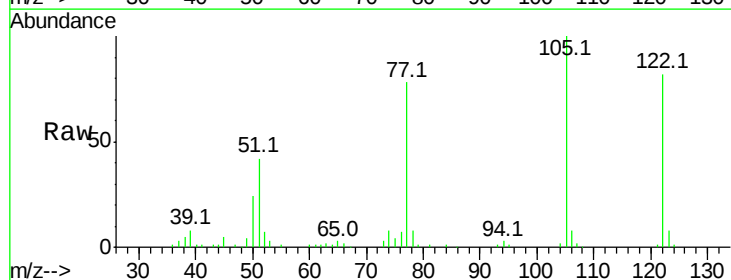


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

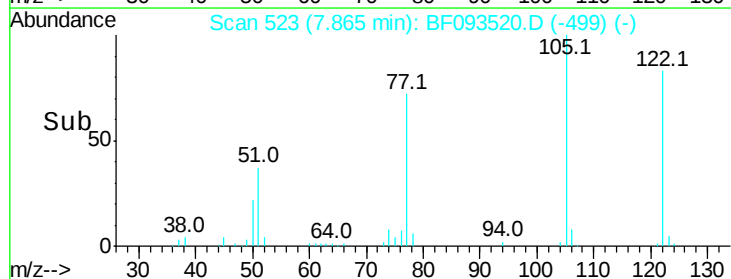
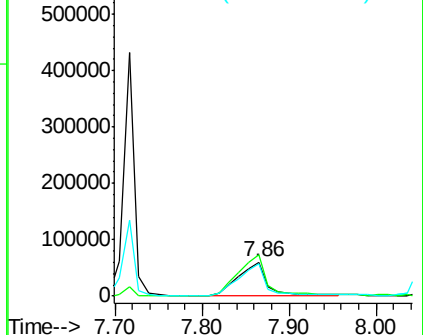


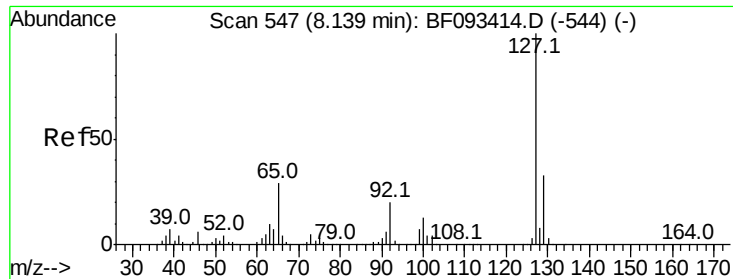
#32
Benzoic acid
Concen: 28.93 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:122 Resp: 136881
Ion Ratio Lower Upper
122 100
105 121.5 107.2 147.2
77 94.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

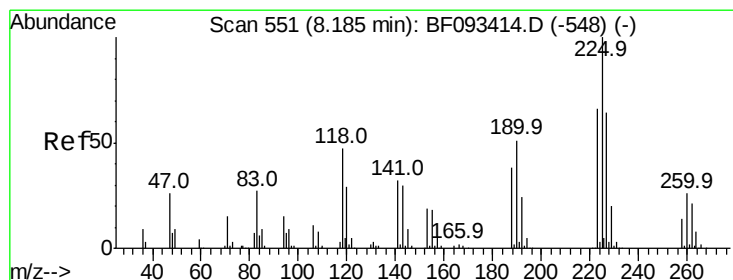
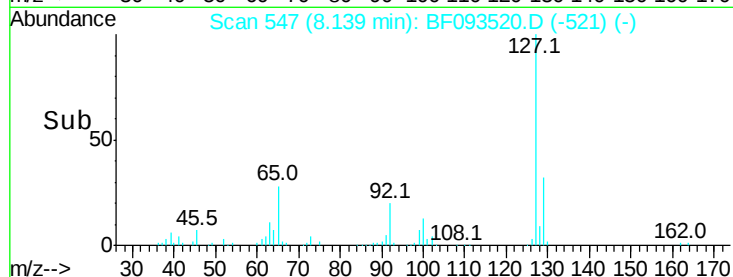
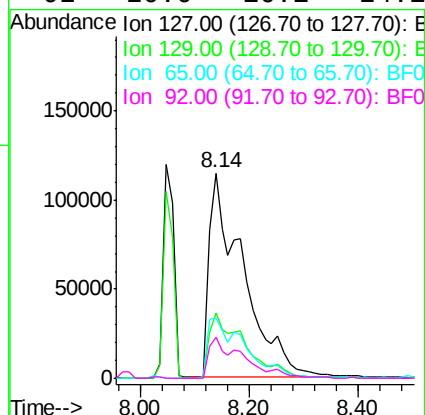
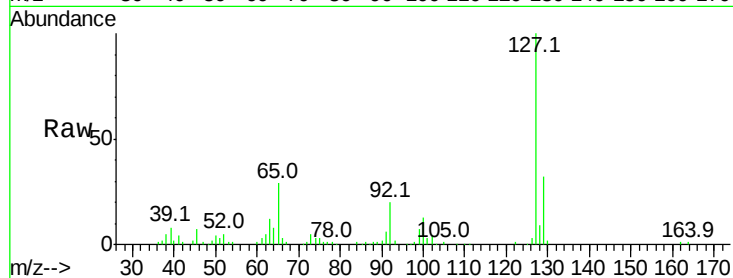




#33
 4-Chloroaniline
 Concen: 40.56 ng
 RT: 8.14 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

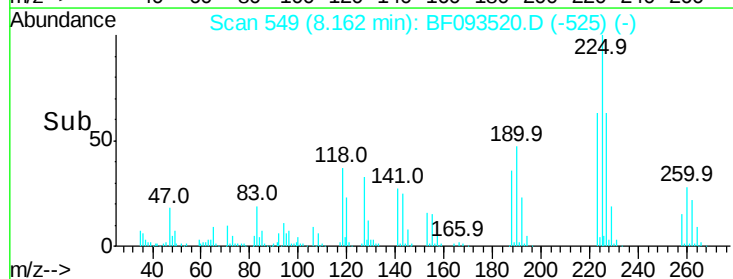
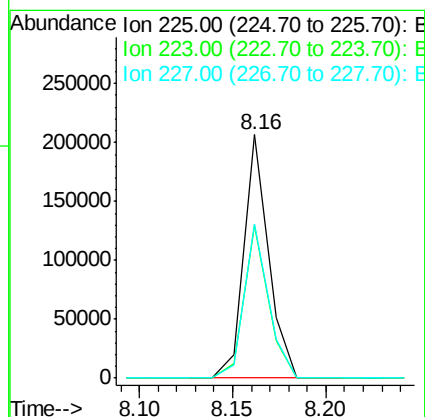
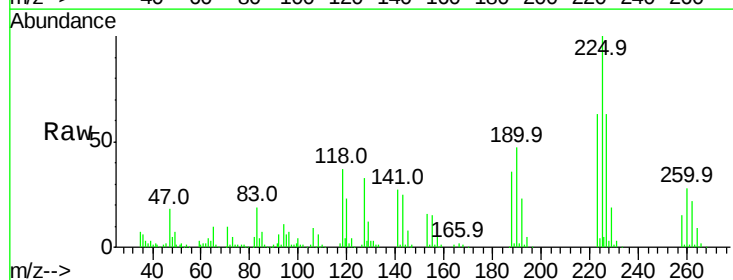
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

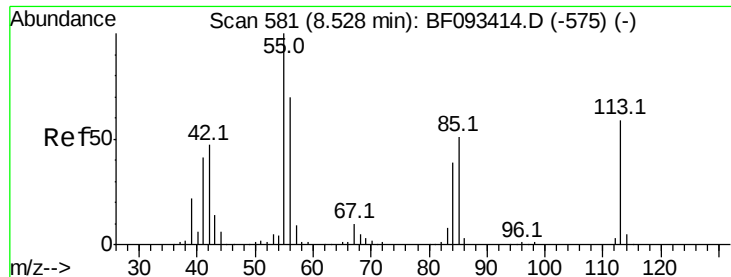
Tot Ion:	127	Resp:	499636
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	29.2	25.8	38.8
92	20.0	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 40.58 ng
 RT: 8.16 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:	225	Resp:	190456
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	63.3	50.6	76.0

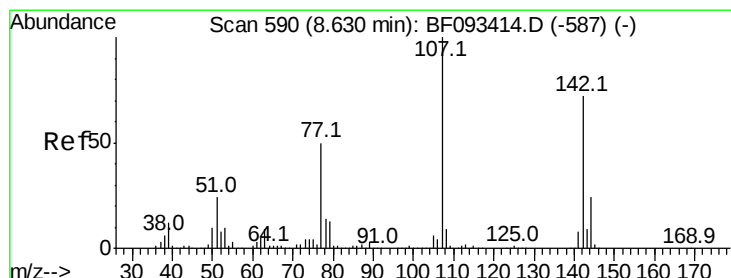
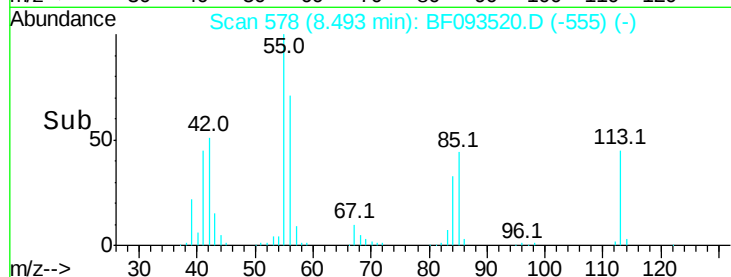
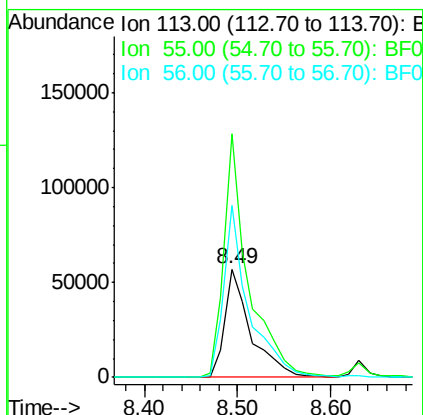
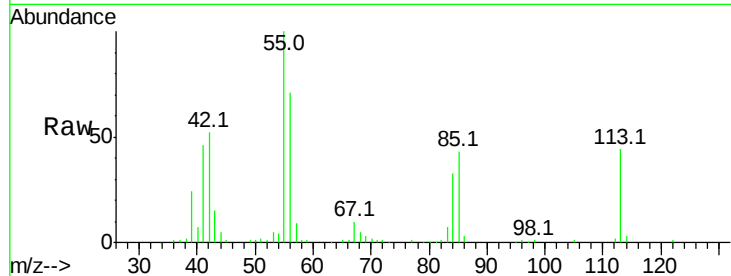




#35
Caprolactam
Concen: 37.98 ng
RT: 8.49 min Scan# 578
Delta R.T. -0.03 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

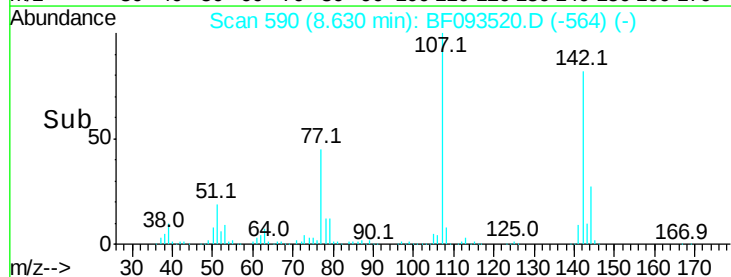
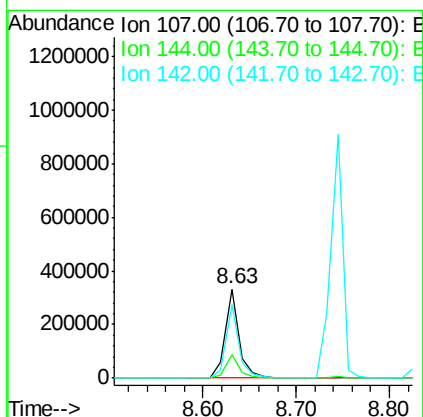
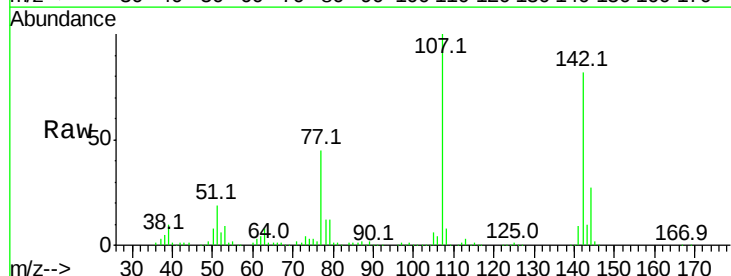
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

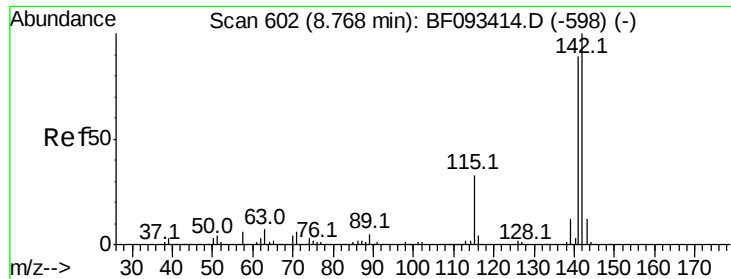
Tot Ion:113 Resp: 111136
Ion Ratio Lower Upper
113 100
55 225.3 119.2 159.2#
56 159.6 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 37.79 ng
RT: 8.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:107 Resp: 345572
Ion Ratio Lower Upper
107 100
144 26.9 19.3 28.9
142 82.0 59.0 88.6

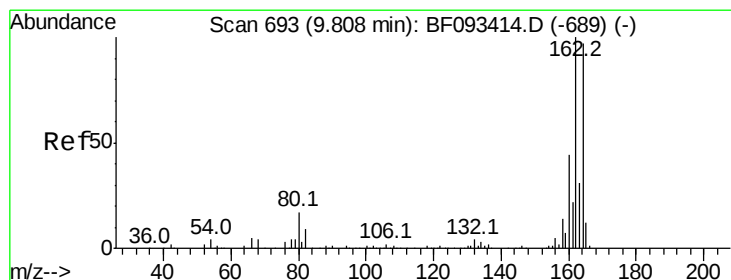
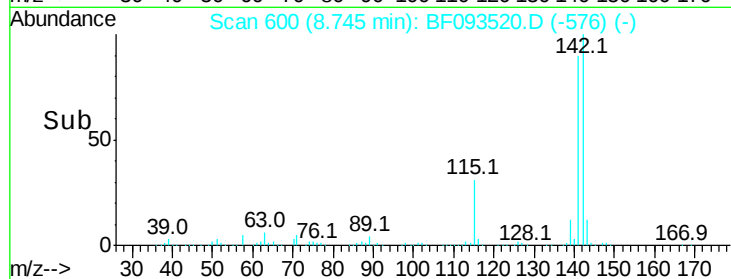
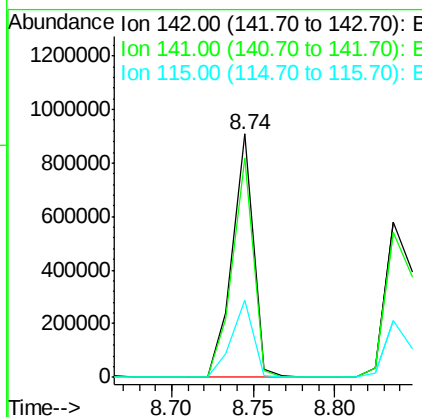
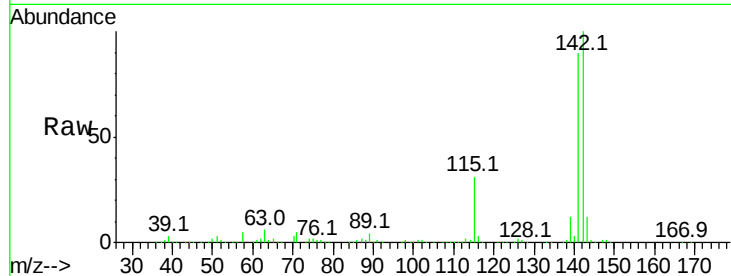




#37
 2-Methylnaphthalene
 Concen: 42.25 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

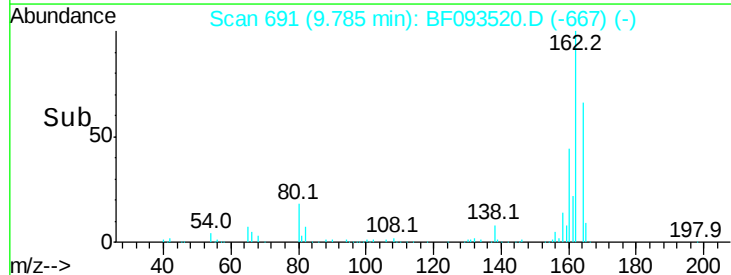
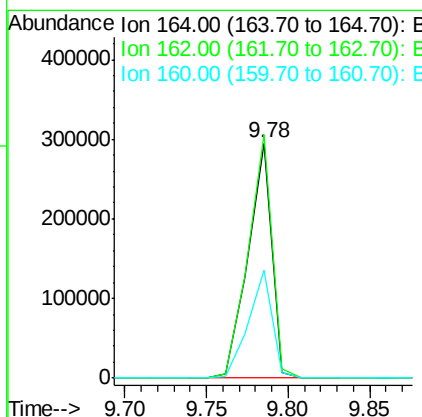
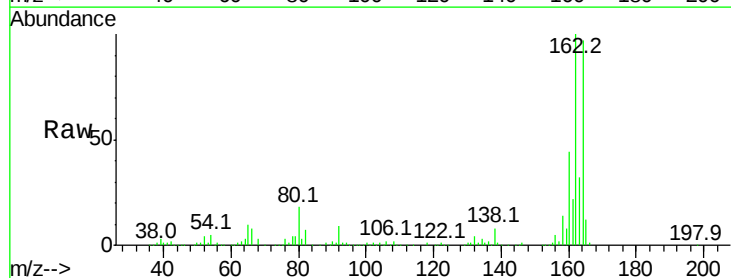
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

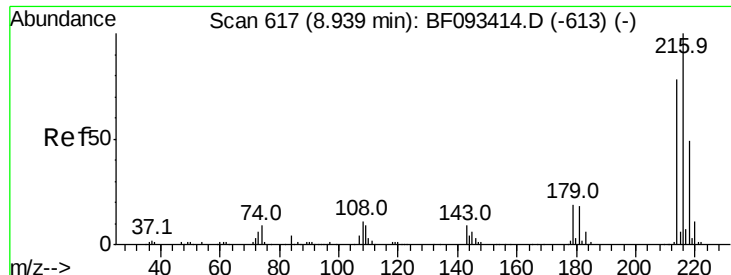
Tot Ion:142 Resp: 815944
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 31.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:164 Resp: 298097
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.2 120.2
 160 45.8 36.9 55.3

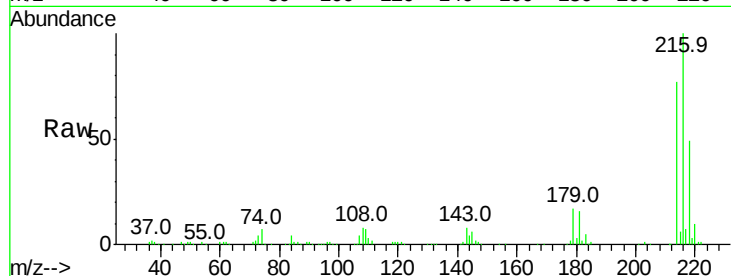




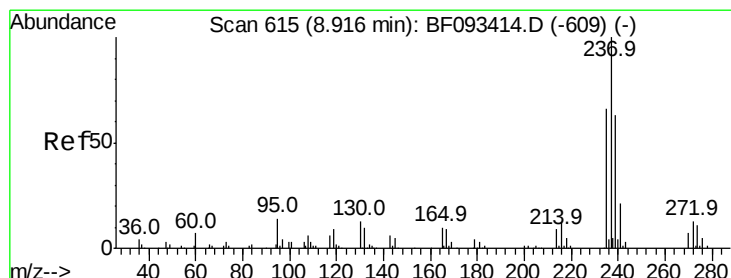
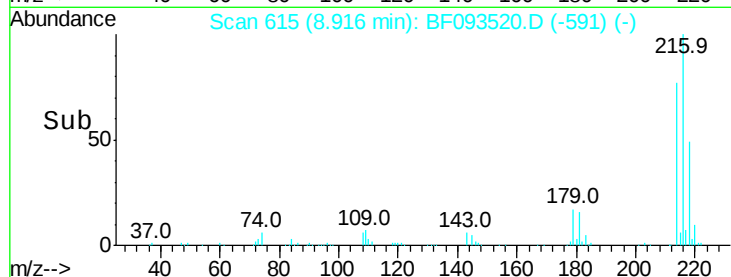
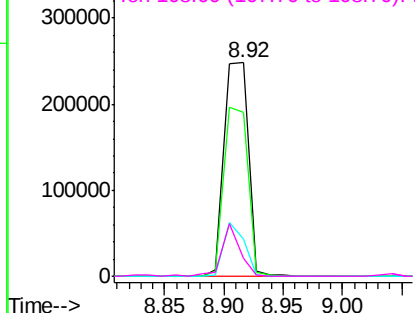
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.06 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	350465
Ion Ratio		Lower	Upper
216	100		
214	78.1	63.4	95.0
179	21.3	17.4	26.2
108	17.9	15.6	23.4

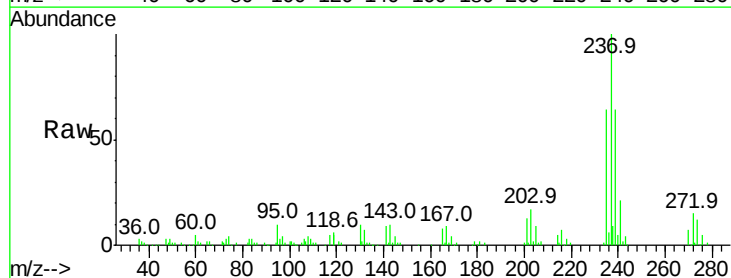


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

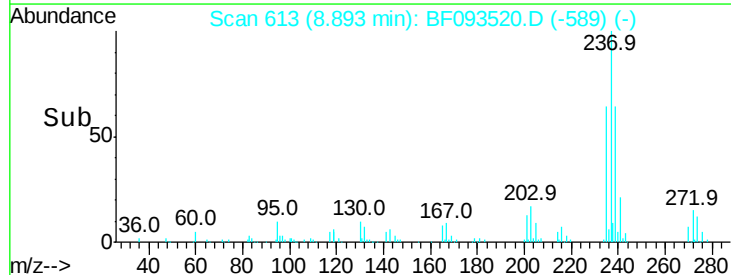
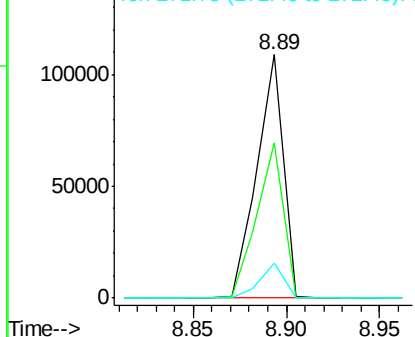


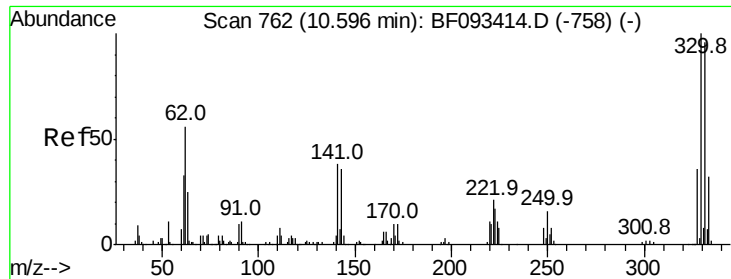
#40
 Hexachlorocyclopentadiene
 Concen: 56.08 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:	237	Resp:	106445
Ion Ratio		Lower	Upper
237	100		
235	63.6	41.2	81.2
272	14.5	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

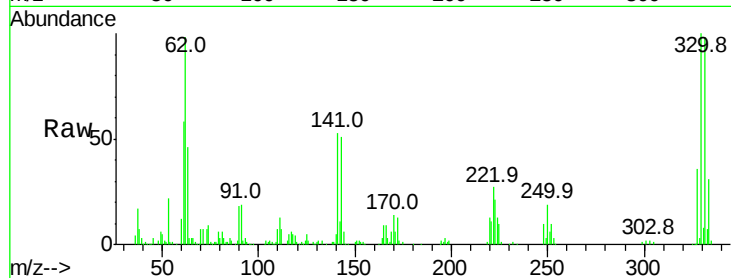




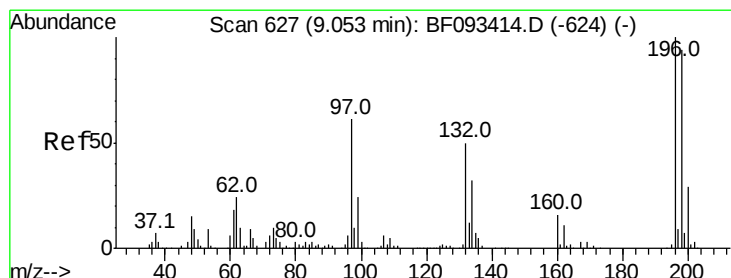
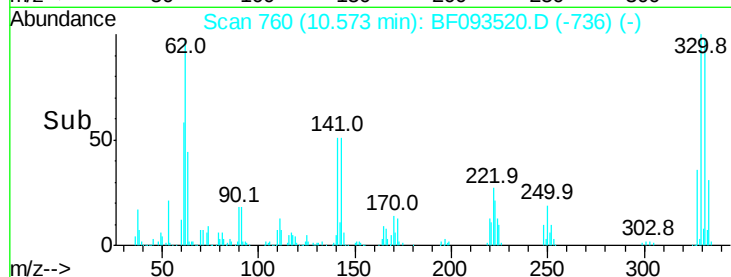
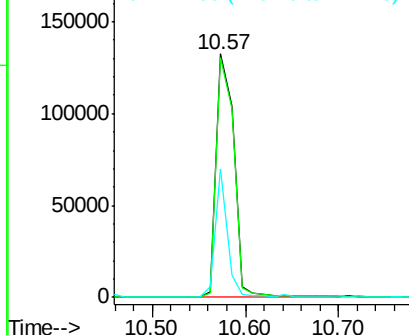
#41
 2,4,6-Tribromophenol
 Concen: 90.01 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 174815
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.4 116.2
 141 35.7 34.1 51.1

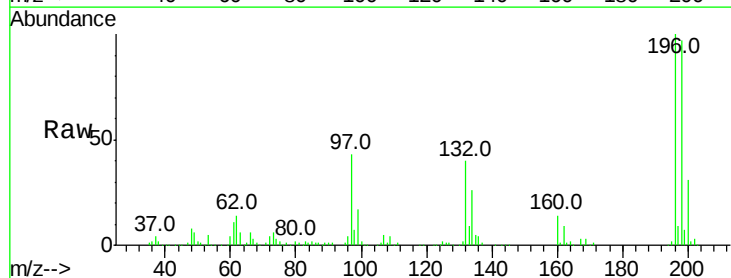


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

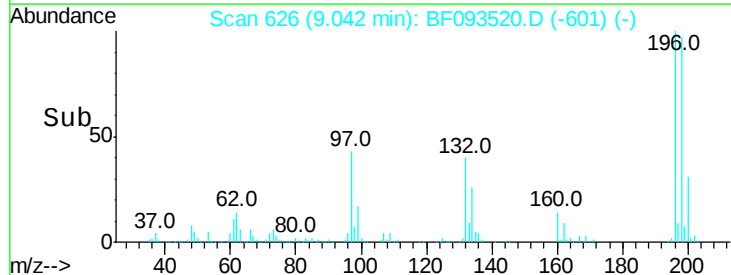
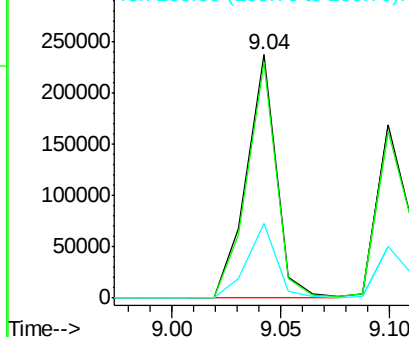


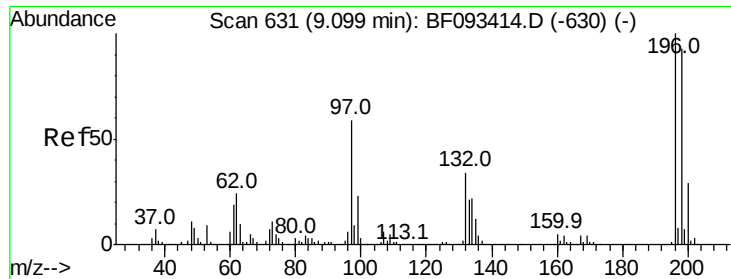
#42
 2,4,6-Trichlorophenol
 Concen: 44.60 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:196 Resp: 226838
 Ion Ratio Lower Upper
 196 100
 198 97.0 82.1 123.1
 200 30.8 27.0 40.4



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

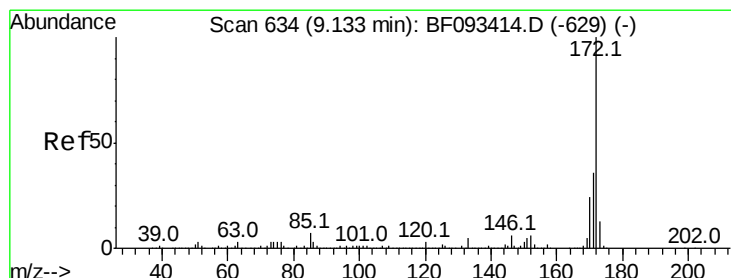
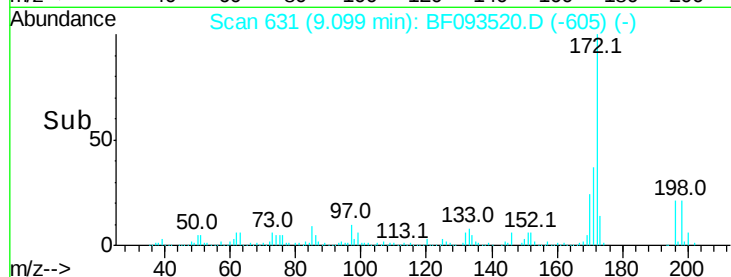
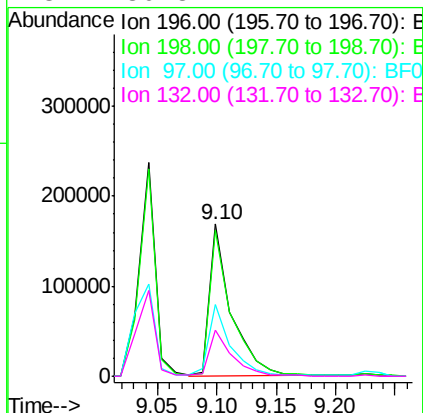
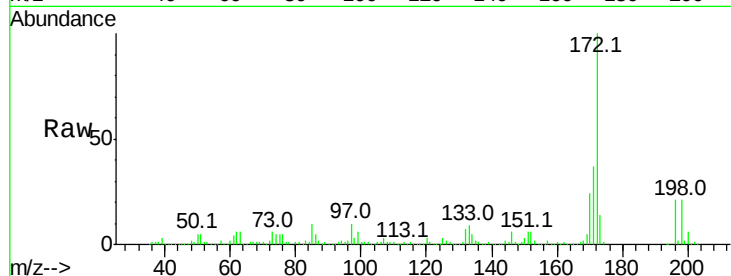




#43
 2,4,5-Trichlorophenol
 Concen: 39.13 ng
 RT: 9.10 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

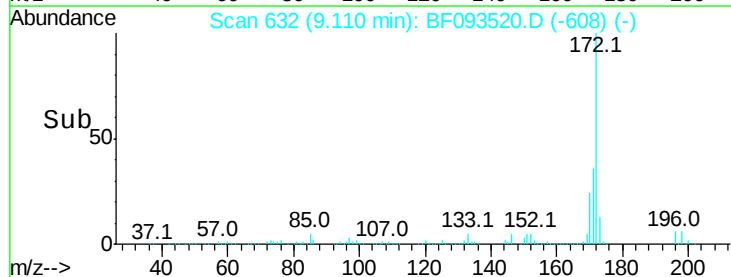
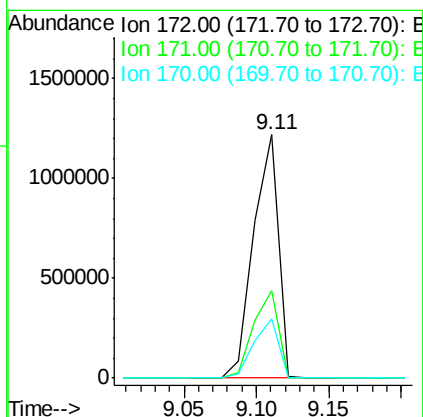
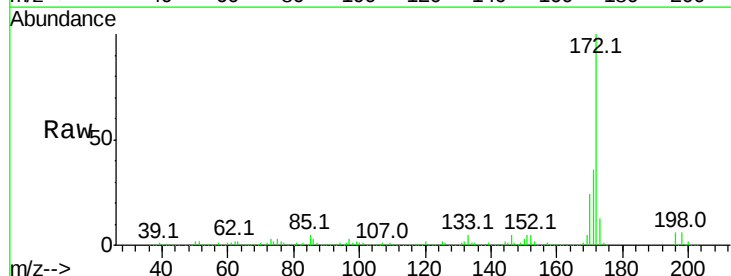
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

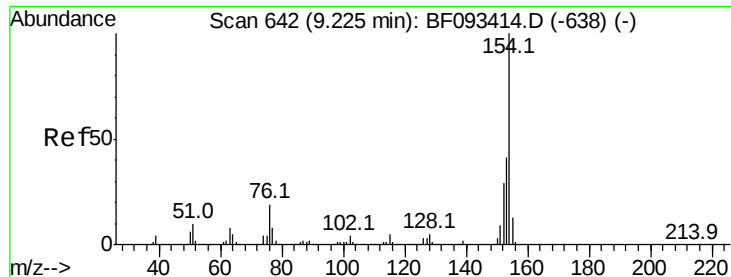
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.4	119.2
97	47.3	51.5	77.3#
132	30.8	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 90.18 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.2	20.2	30.4

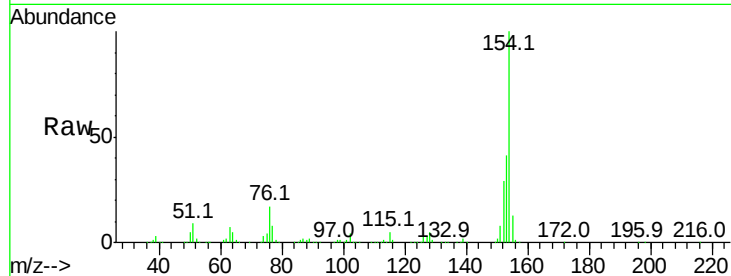




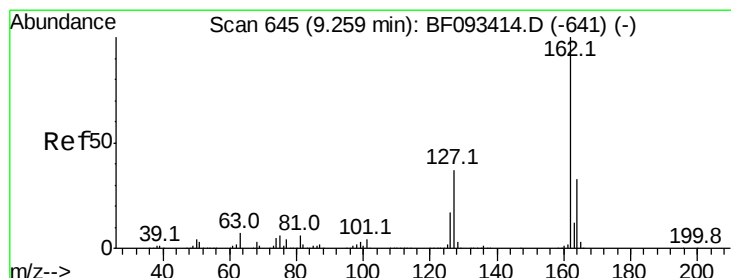
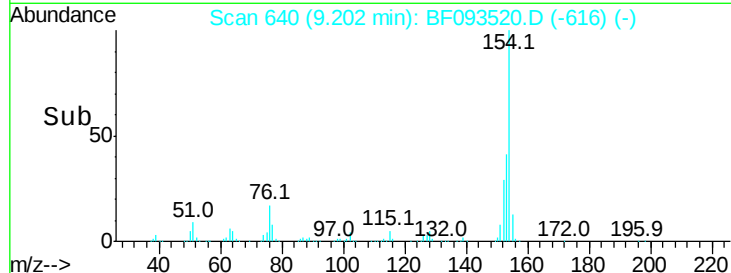
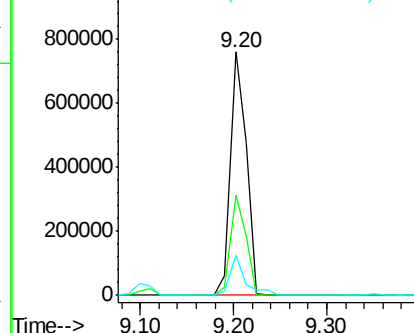
#45
 1,1'-Biphenyl
 Concen: 41.37 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 898401
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 16.7 0.0 30.5

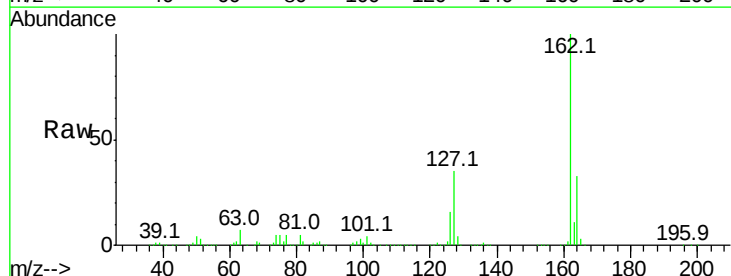


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

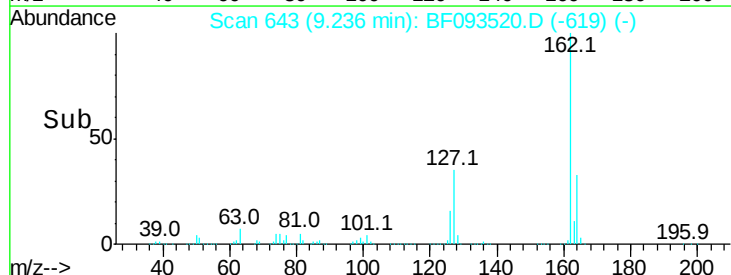
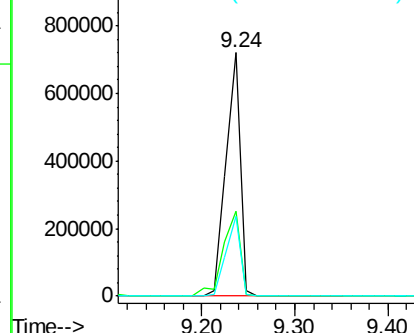


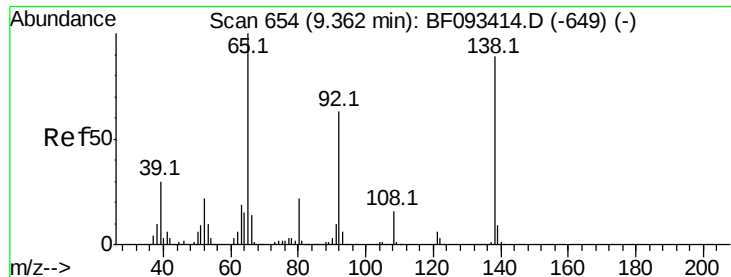
#46
 2-Chloronaphthalene
 Concen: 46.09 ng
 RT: 9.24 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:162 Resp: 766122
 Ion Ratio Lower Upper
 162 100
 127 34.9 30.7 46.1
 164 33.0 27.6 41.4



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





#47

2-Nitroaniline

Concen: 44.35 ng

RT: 9.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

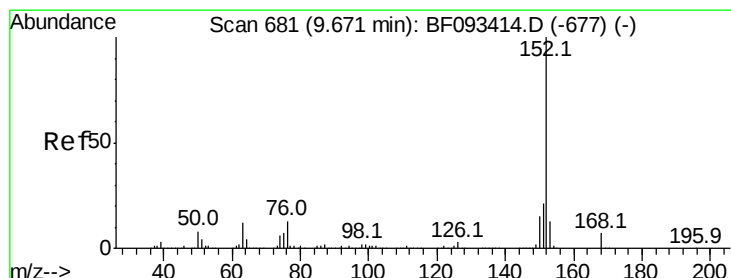
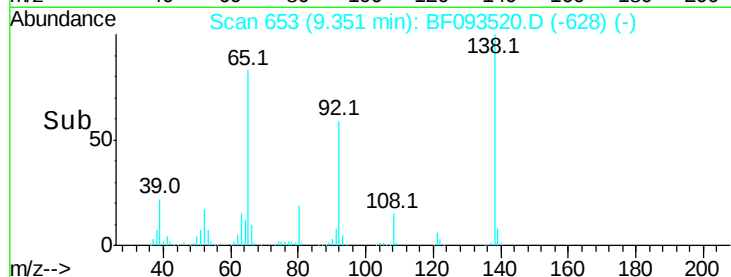
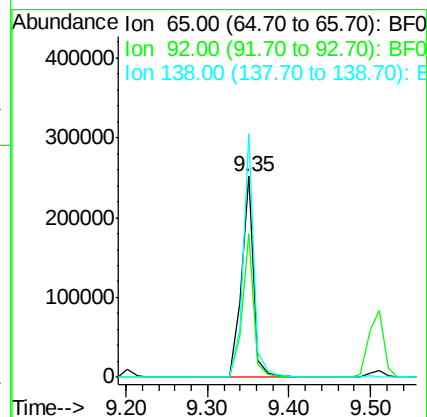
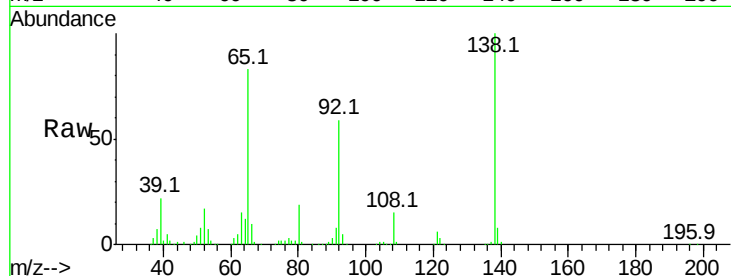
Tot Ion: 65 Resp: 260597

Ion Ratio Lower Upper

65 100

92 71.7 53.9 80.9

138 121.2 76.8 115.2#



#48

Acenaphthylene

Concen: 45.05 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

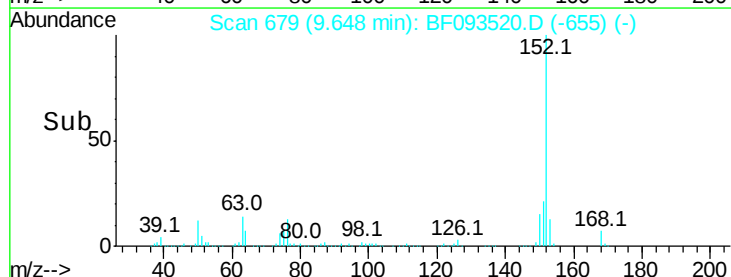
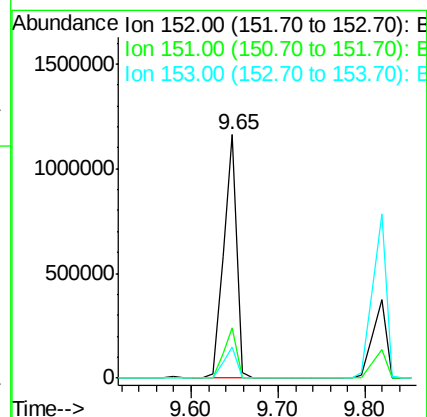
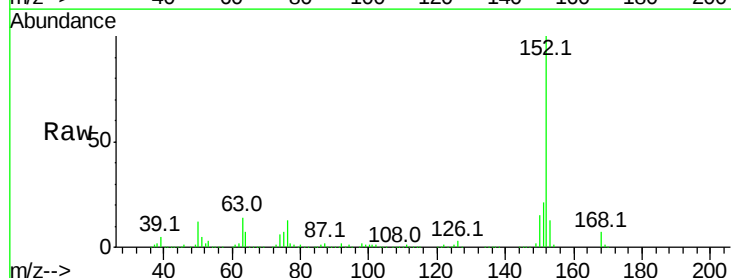
Tgt Ion: 152 Resp: 1235037

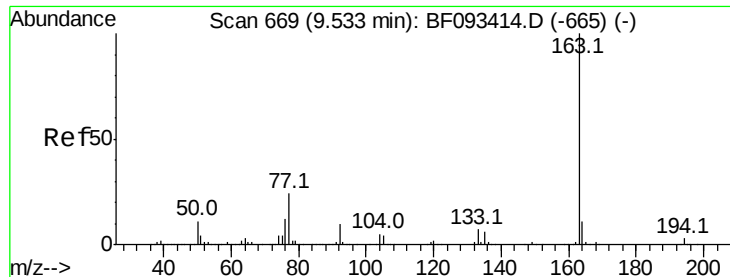
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.0 11.4 17.2

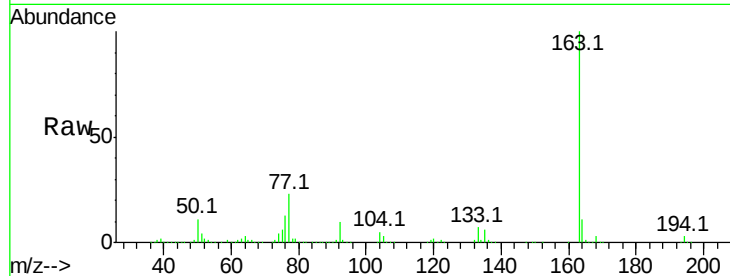




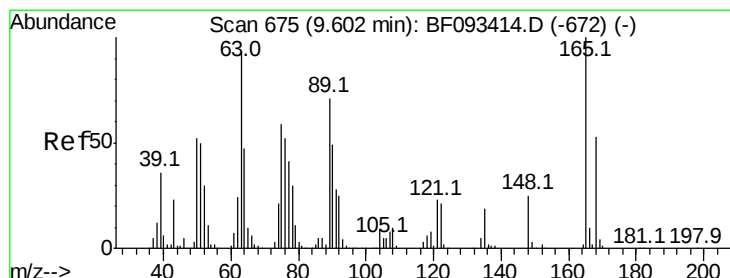
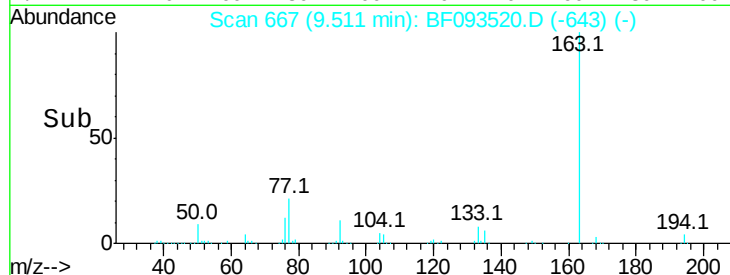
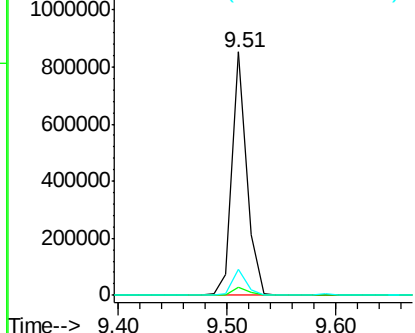
#49
Dimethylphthalate
Concen: 39.89 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.9	8.0	12.0

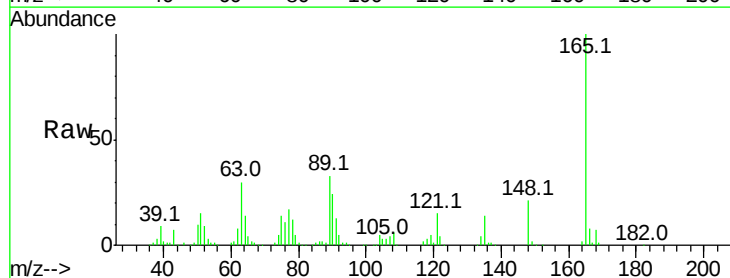


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

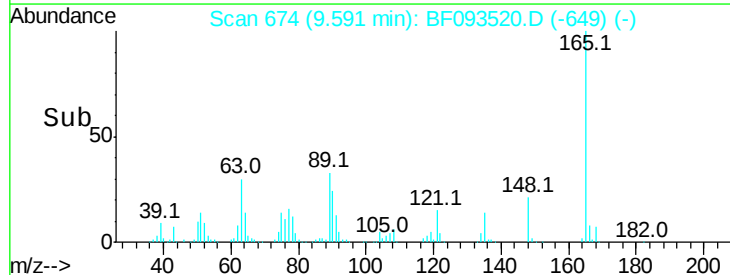
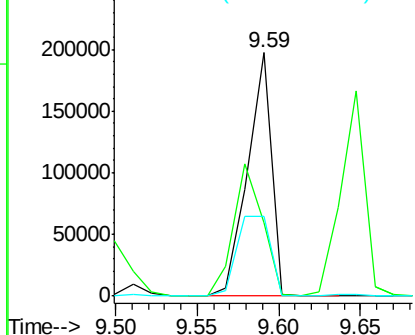


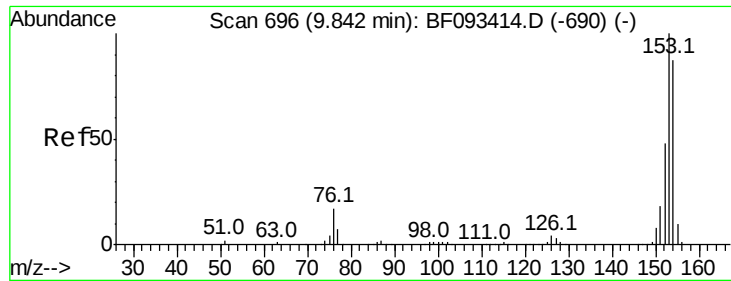
#50
2,6-Dinitrotoluene
Concen: 46.23 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.0	36.2	54.4#
89	32.6	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

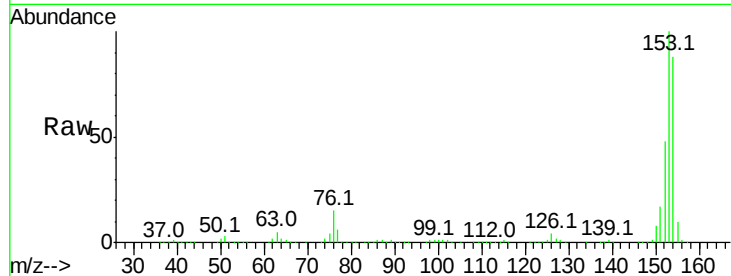




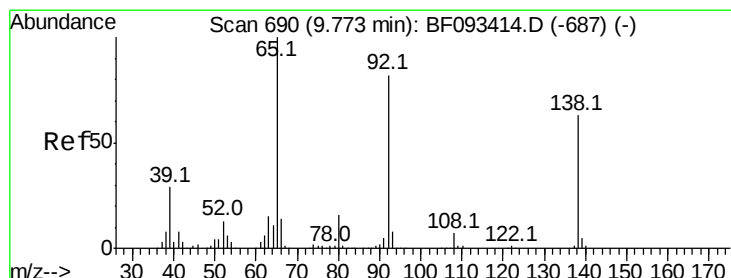
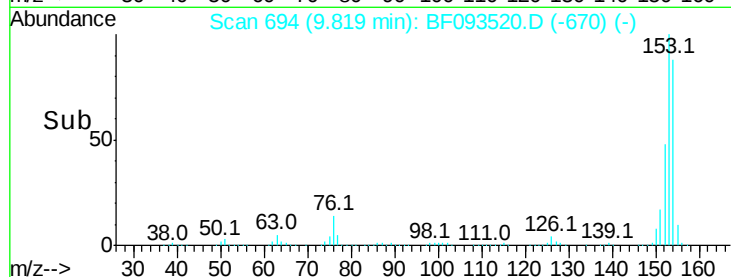
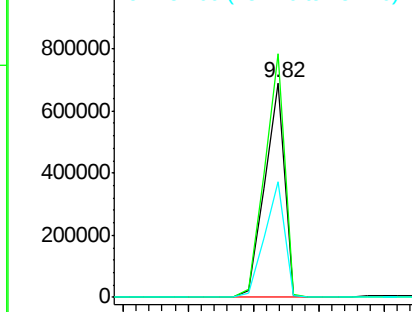
#51
Acenaphthene
Concen: 45.52 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 737917
Ion Ratio Lower Upper
154 100
153 113.5 88.6 133.0
152 54.1 41.6 62.4

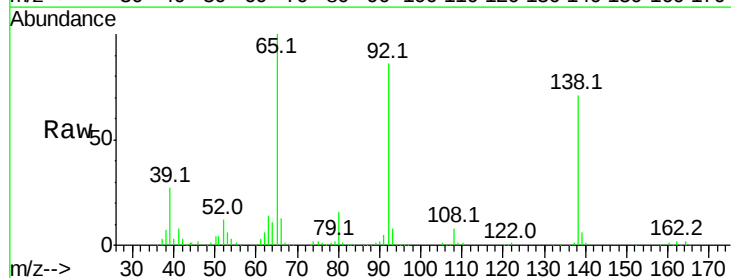


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

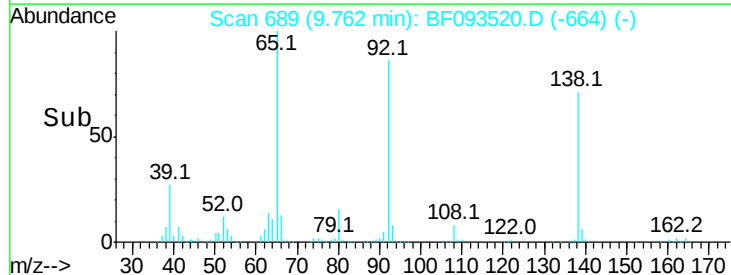
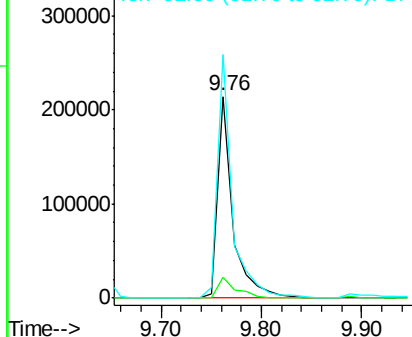


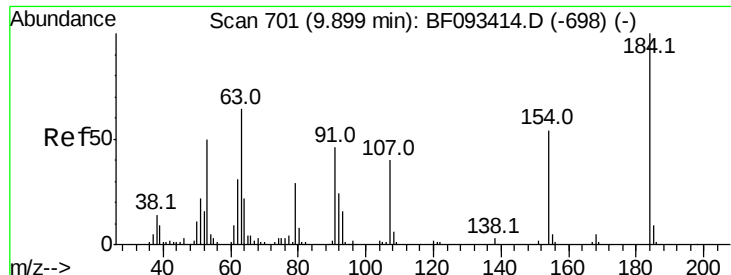
#52
3-Nitroaniline
Concen: 43.23 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:138 Resp: 225196
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 120.7 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

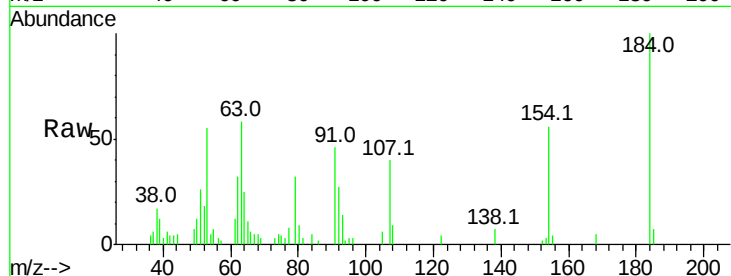




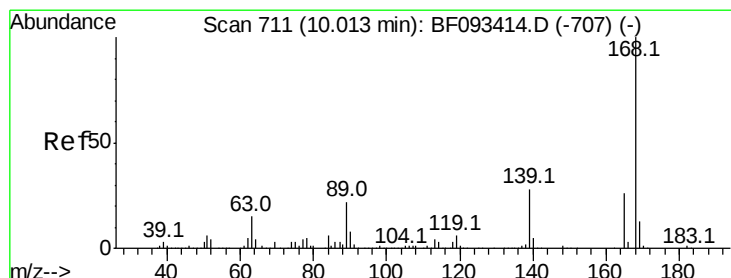
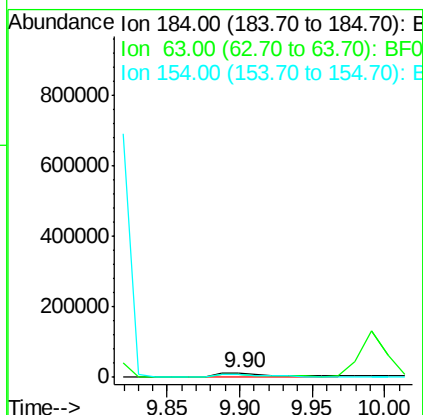
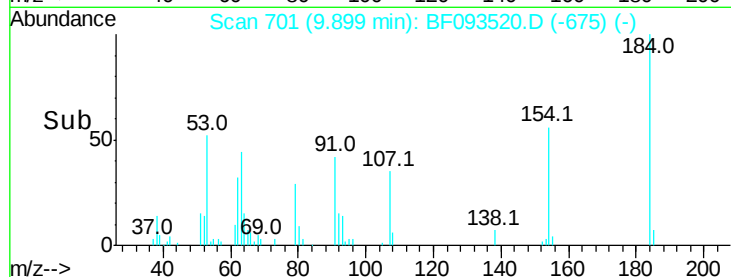
#53
2,4-Dinitrophenol
Concen: 19.76 ng
RT: 9.90 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 39016
Ion Ratio Lower Upper
184 100
63 57.7 28.4 42.6#
154 55.5 44.3 66.5

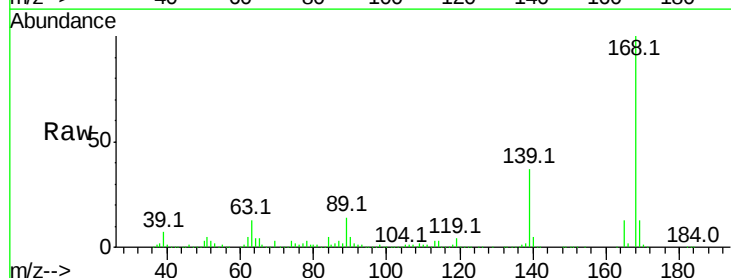


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

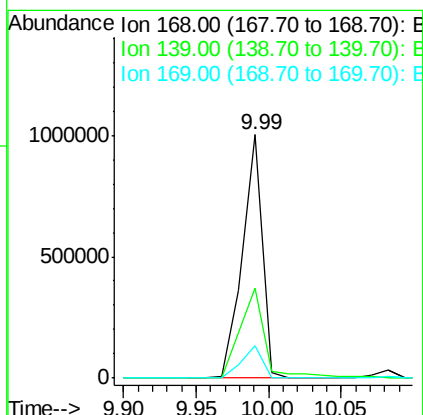
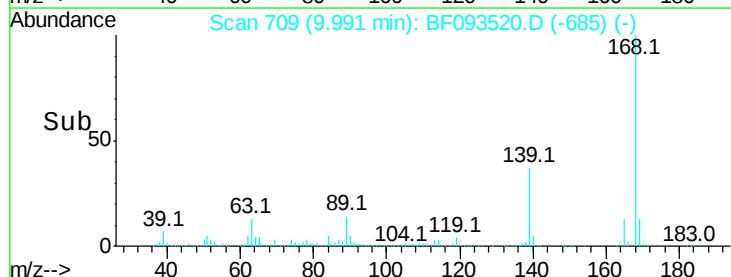


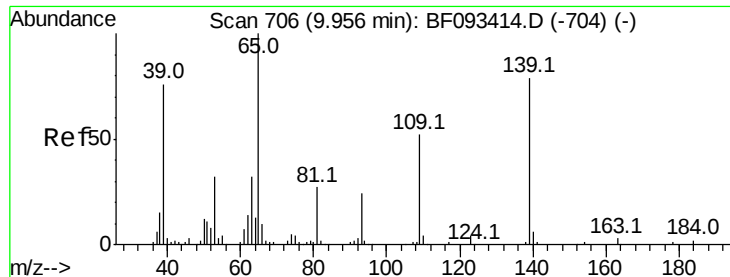
#54
Dibenzofuran
Concen: 47.36 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:168 Resp: 961000
Ion Ratio Lower Upper
168 100
139 37.0 32.6 49.0
169 13.2 11.3 16.9



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





#55

4-Nitrophenol

Concen: 182.01 ng

RT: 9.99 min Scan# 709

Delta R.T. 0.03 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

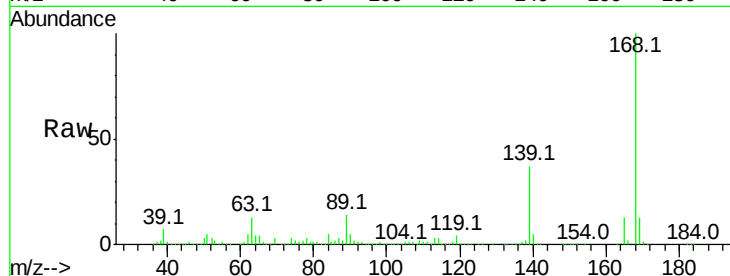
Tot Ion:139 Resp: 460565

Ion Ratio Lower Upper

139 100

109 5.5 52.2 92.2#

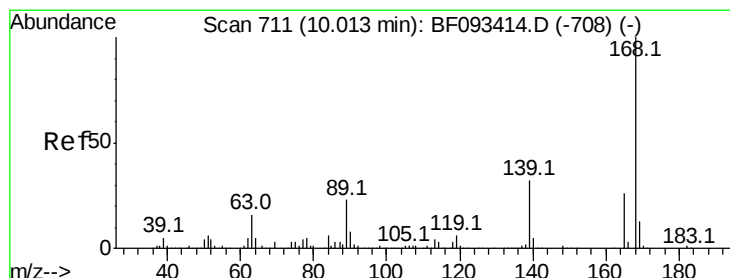
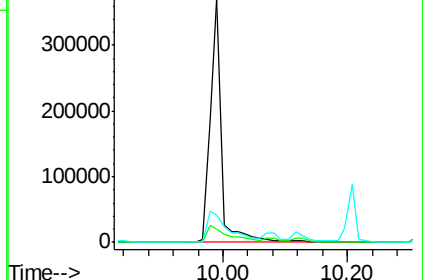
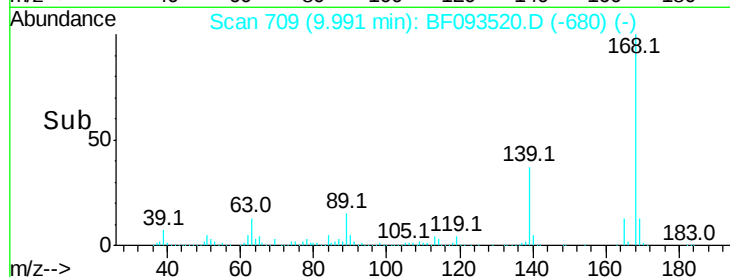
65 11.2 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.89 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:165 Resp: 244467

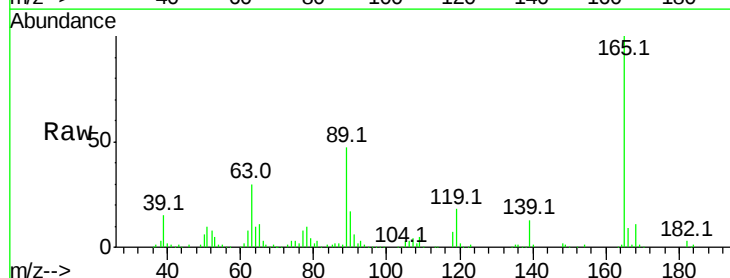
Ion Ratio Lower Upper

165 100

63 30.1 40.2 60.4#

89 47.2 62.5 93.7#

182 2.6 1.8 2.8

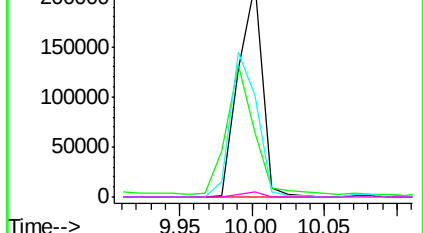
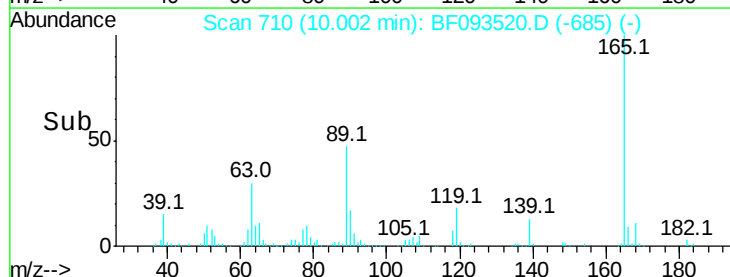


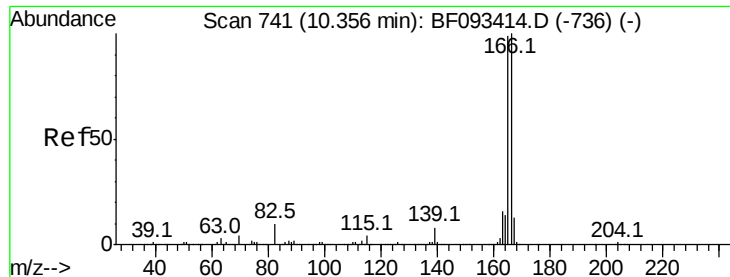
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.71 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

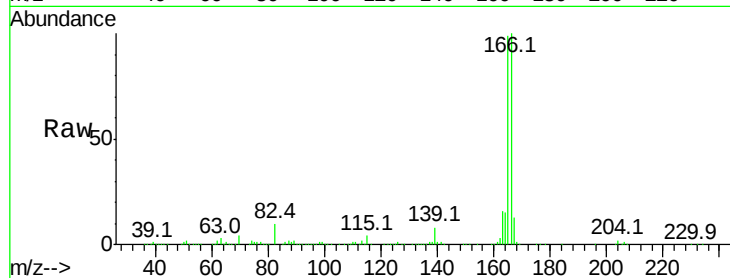
Tot Ion:166 Resp: 854754

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

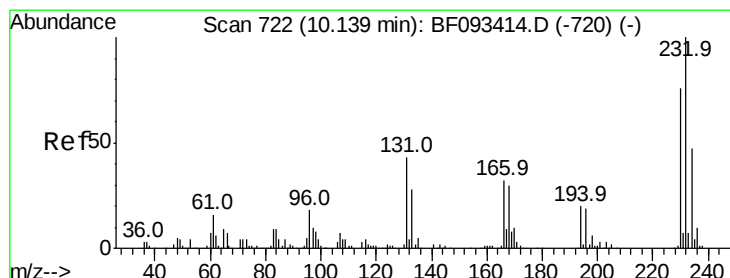
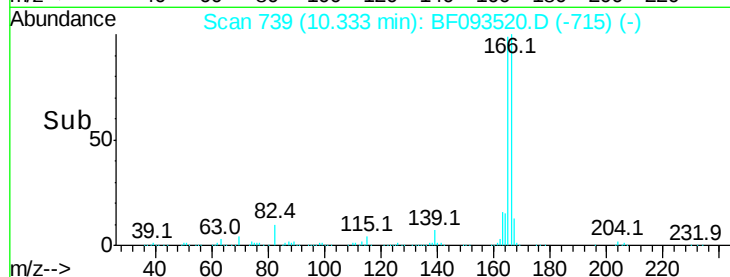
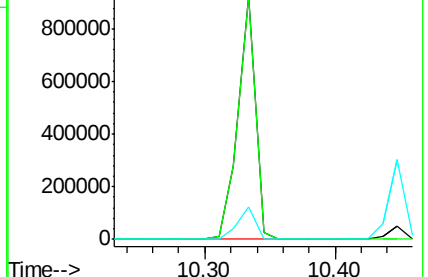
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.17 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion:232 Resp: 162389

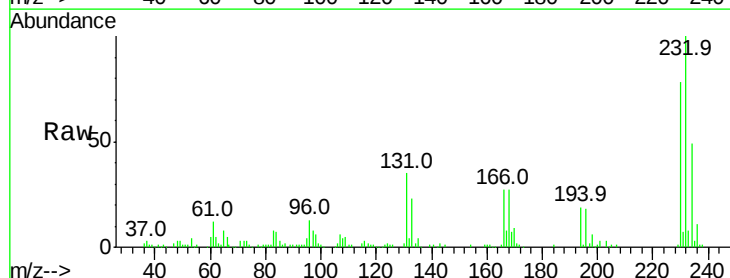
Ion Ratio Lower Upper

232 100

131 44.4 40.1 60.1

130 2.1 1.8 2.8

166 28.7 26.6 39.8

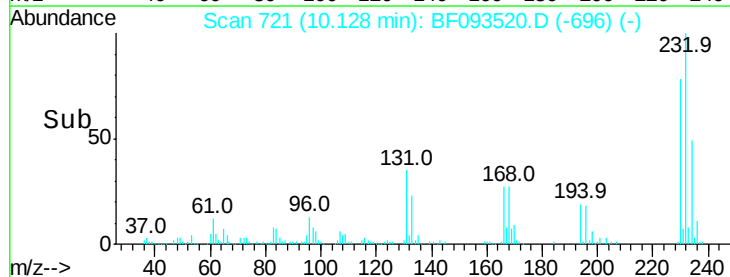
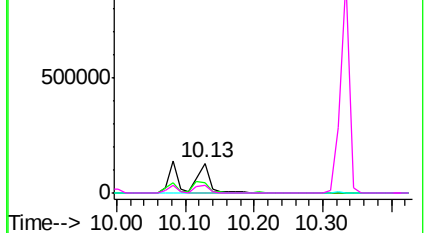


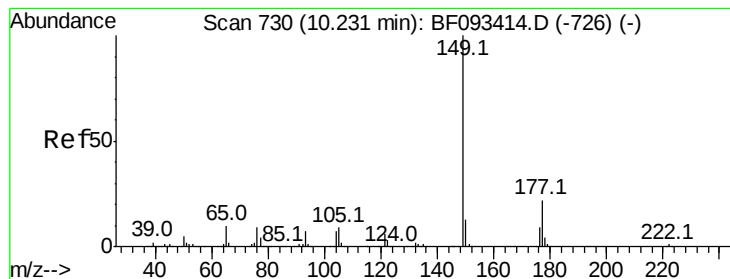
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.99 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

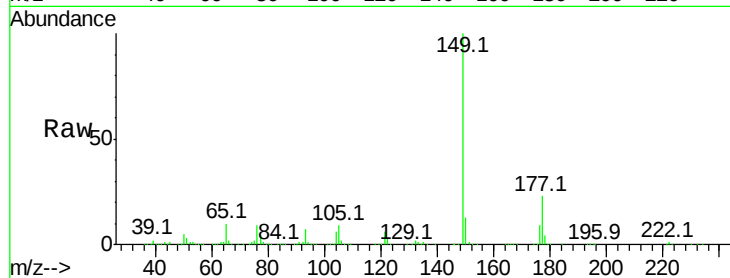
Tot Ion:149 Resp: 793037

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

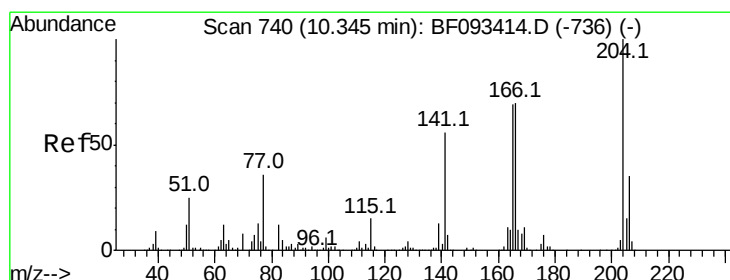
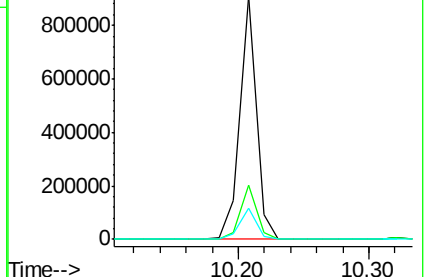
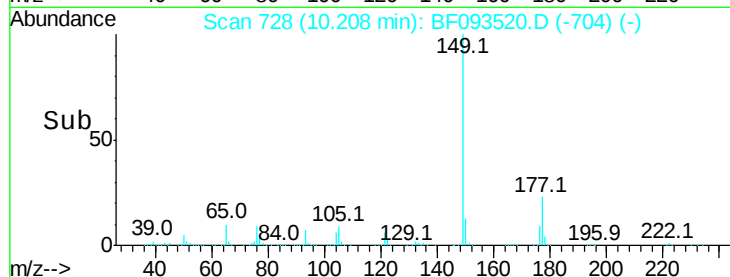
150 13.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.65 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

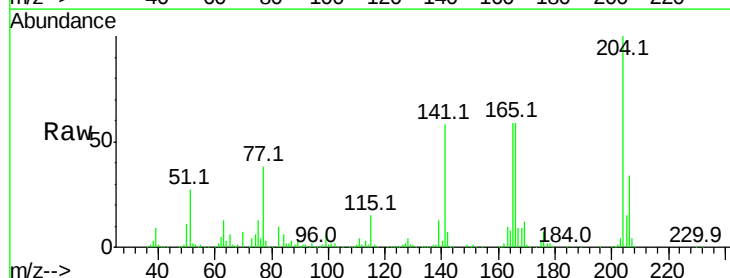
Tgt Ion:204 Resp: 382660

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

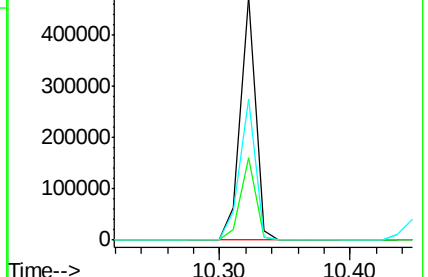
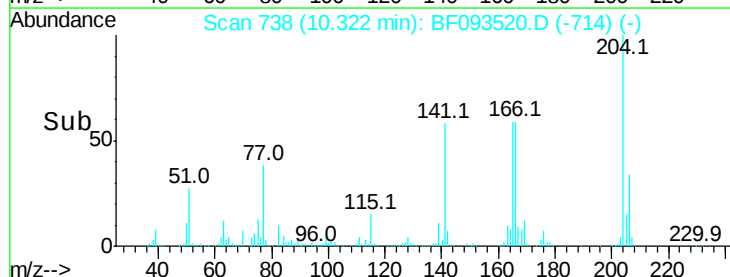
141 58.2 59.4 89.0#

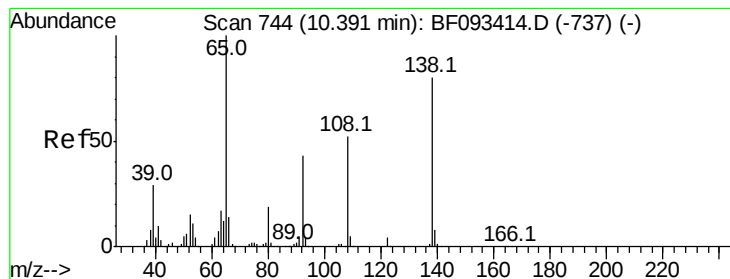


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.75 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

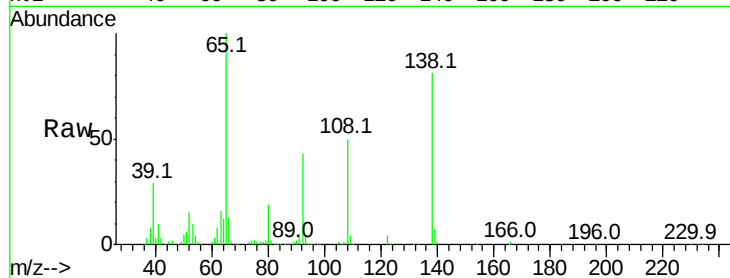
Tot Ion:138 Resp: 206492

Ion Ratio Lower Upper

138 100

92 53.3 31.7 71.7

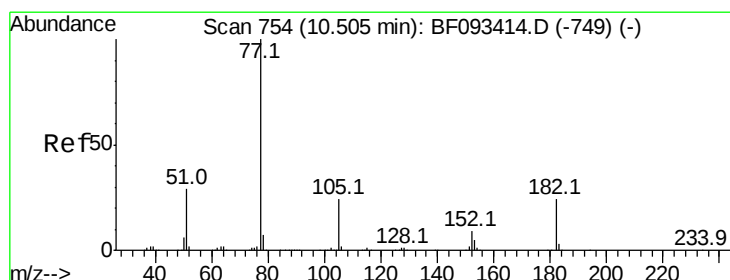
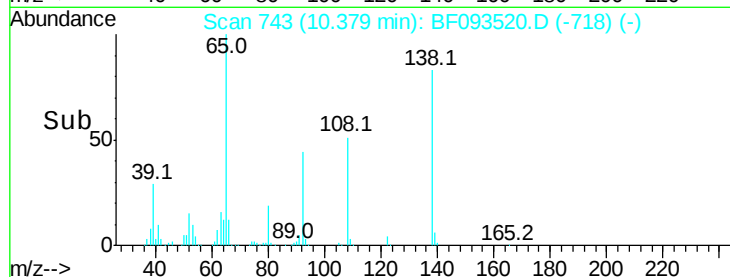
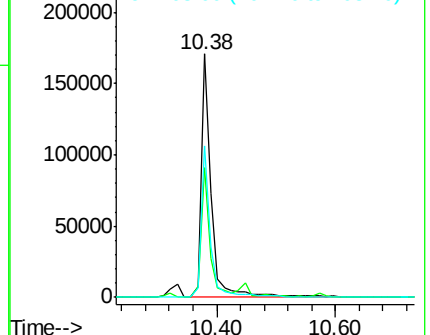
108 62.2 52.6 92.6



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: 42.23 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Tgt Ion: 77 Resp: 906351

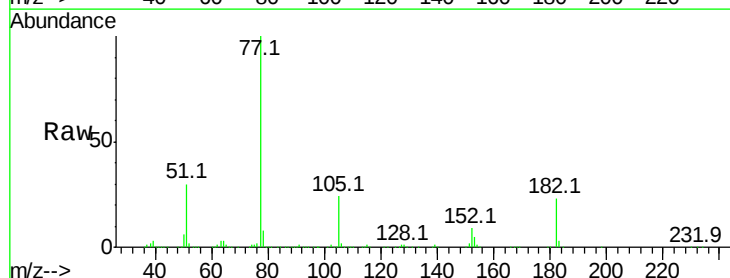
Ion Ratio Lower Upper

77 100

182 23.1 0.0 39.3

105 24.2 2.3 42.3

51 30.3 8.9 48.9

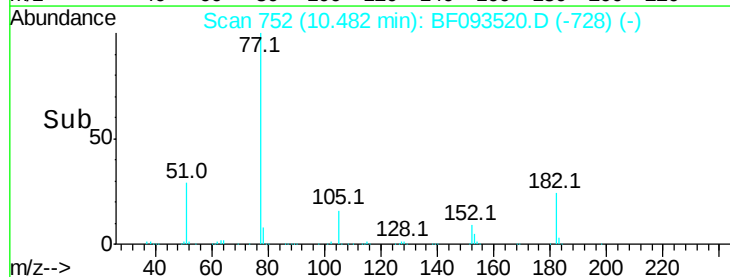
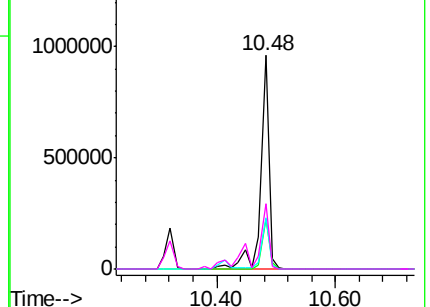


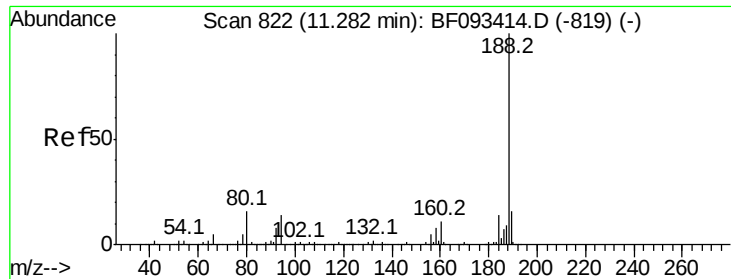
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

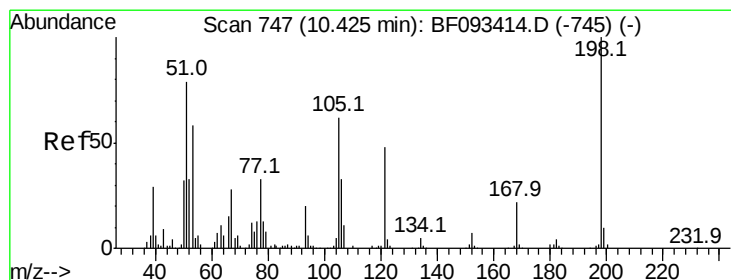
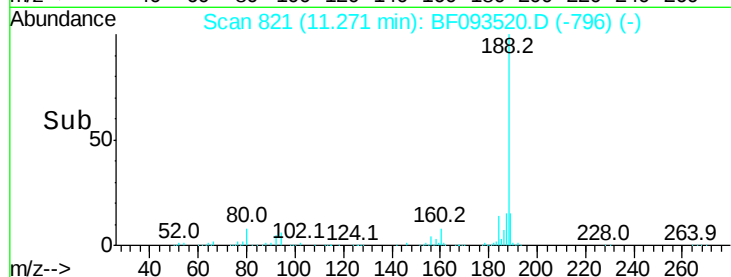
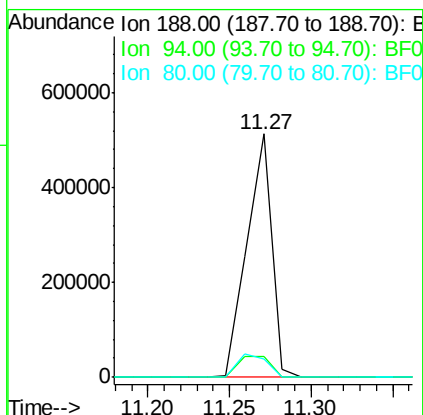
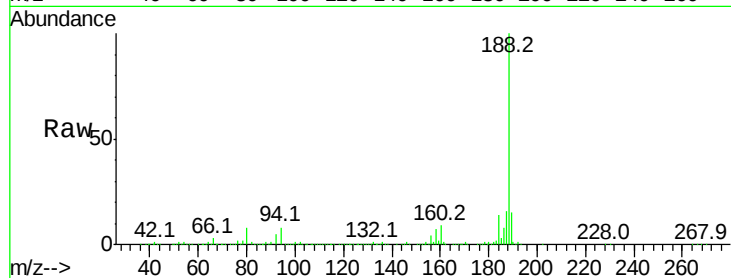




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

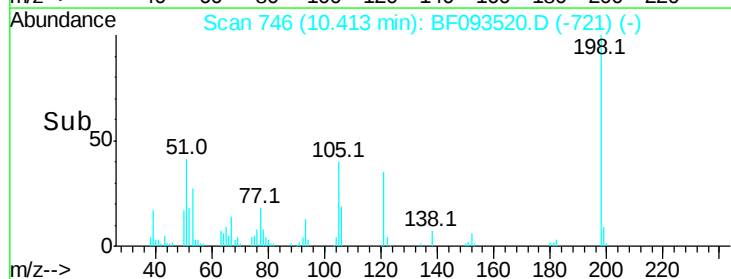
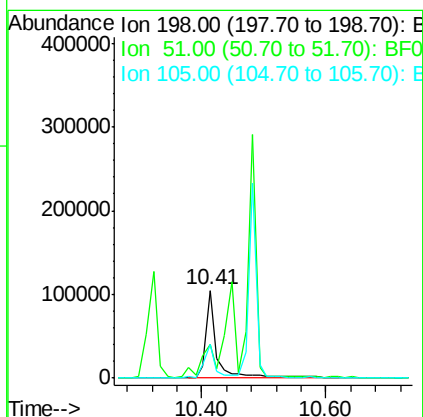
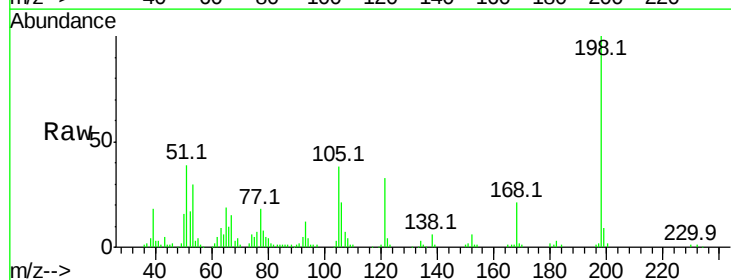
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

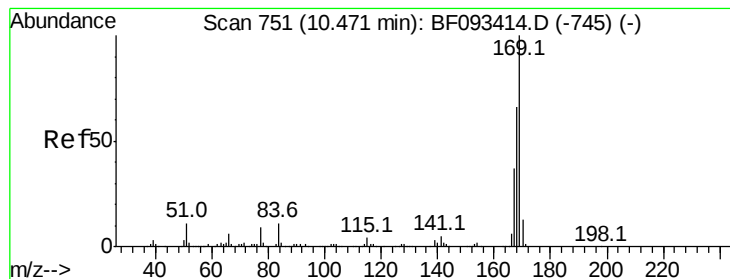
Tot Ion:188 Resp: 542917
Ion Ratio Lower Upper
188 100
94 8.4 10.0 15.0#
80 7.8 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.72 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:198 Resp: 129154
Ion Ratio Lower Upper
198 100
51 39.0 6.7 46.7
105 38.0 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 38.43 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

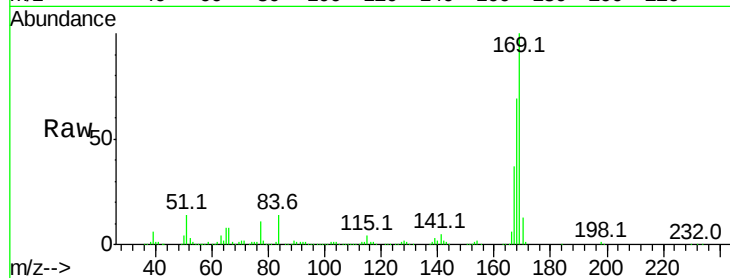
Tot Ion:169 Resp: 696620

Ion Ratio Lower Upper

169 100

168 68.7 54.2 81.2

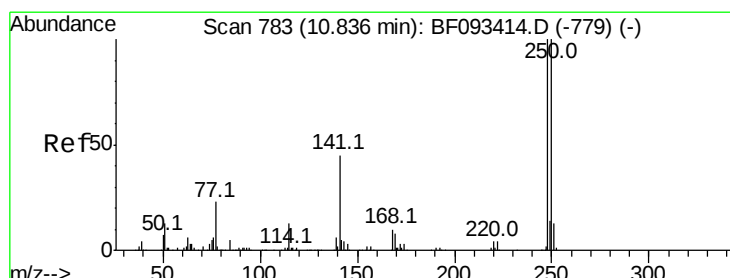
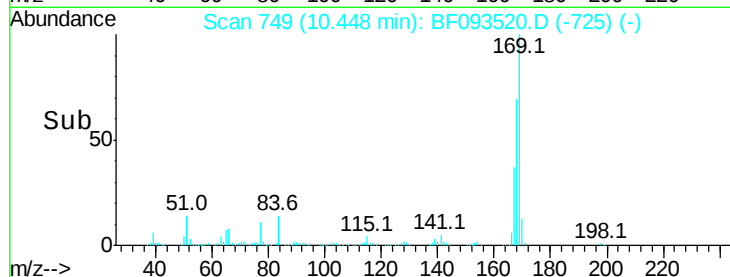
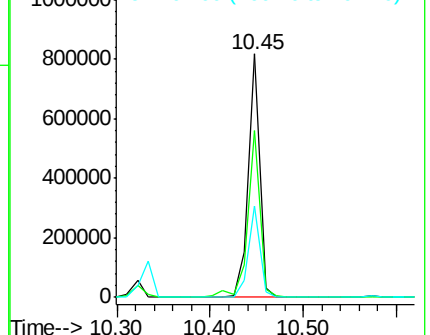
167 37.3 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.40 ng

RT: 10.81 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

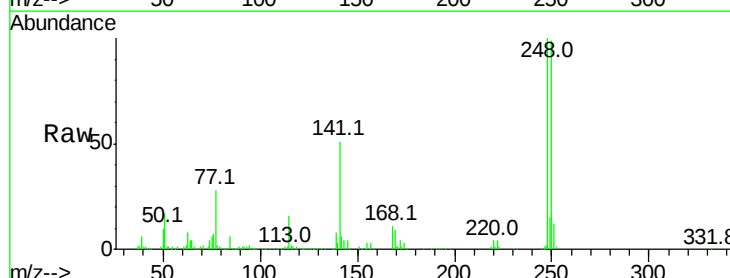
Tgt Ion:248 Resp: 220450

Ion Ratio Lower Upper

248 100

250 99.1 76.9 115.3

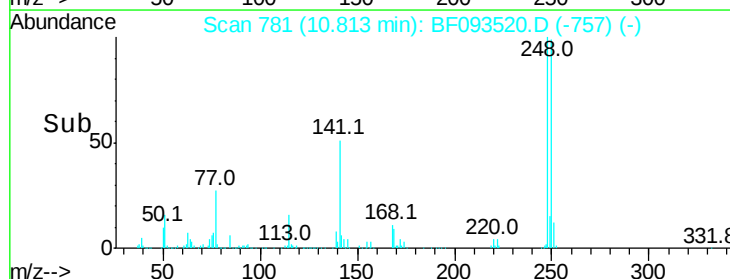
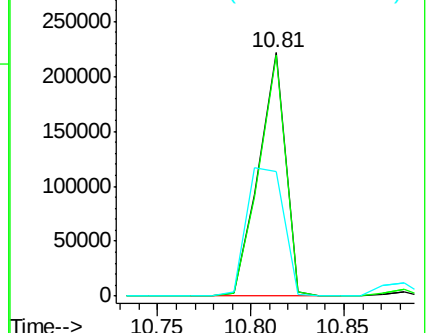
141 51.4 68.2 102.4#

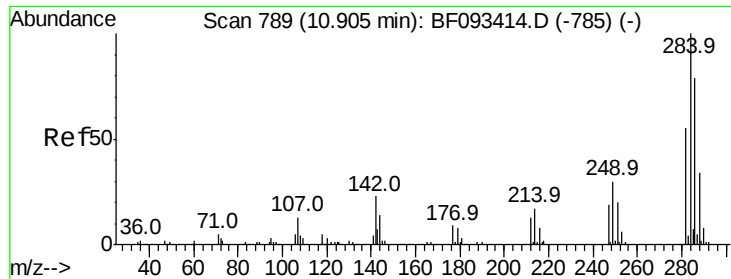


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

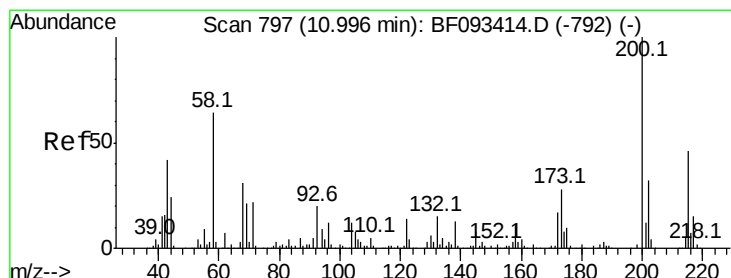
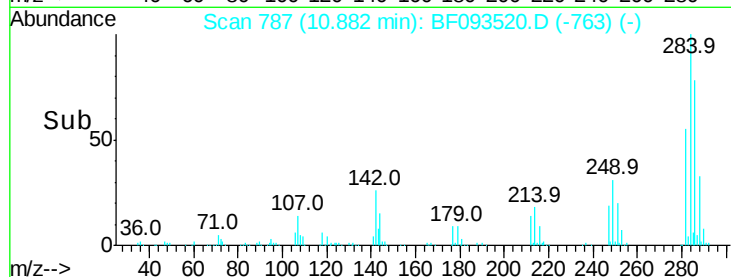
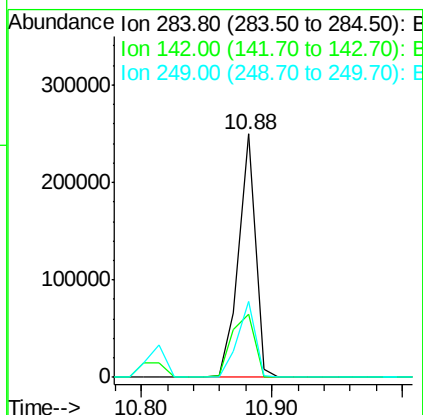
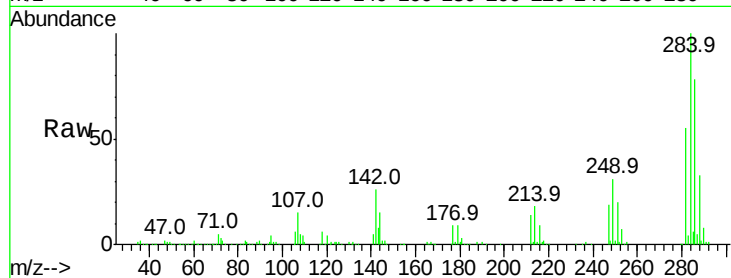




#67
Hexachlorobenzene
Concen: 41.07 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

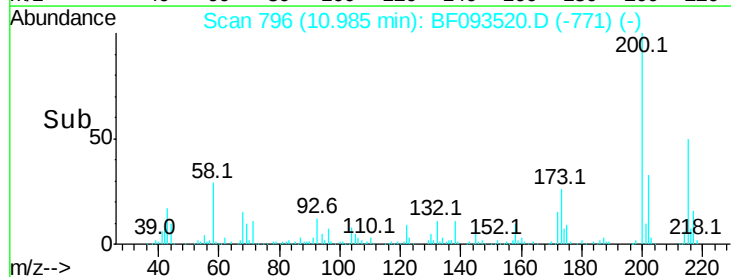
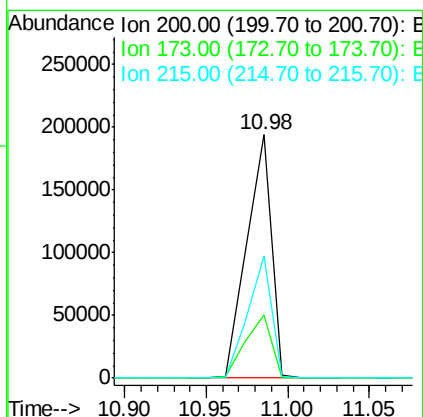
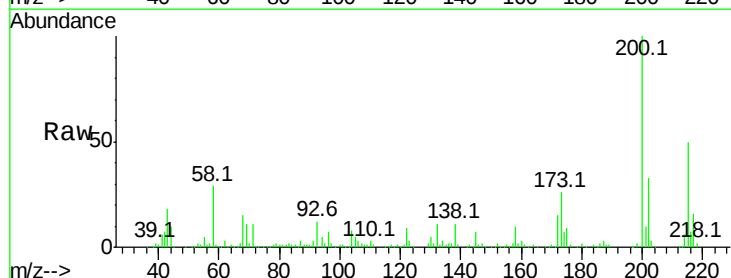
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

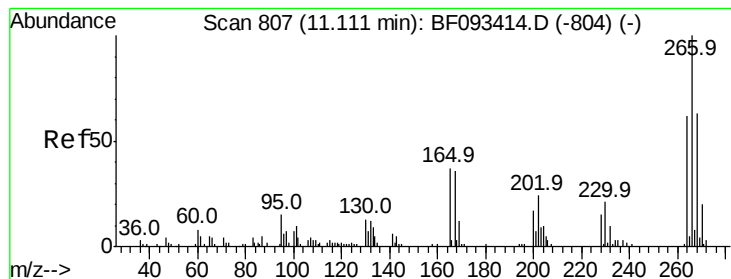
Tot Ion	Ratio	Lower	Upper
284	100		
142	25.7	22.6	33.8
249	31.1	25.4	38.0



#68
Atrazine
Concen: 38.44 ng
RT: 10.98 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.7	9.6	49.6
215	50.1	25.7	65.7





#69

Pentachlorophenol

Concen: 53.20 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

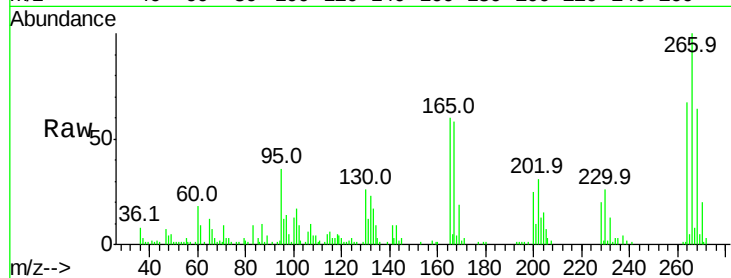
Tot Ion:266 Resp: 100694

Ion Ratio Lower Upper

266 100

268 64.2 53.3 79.9

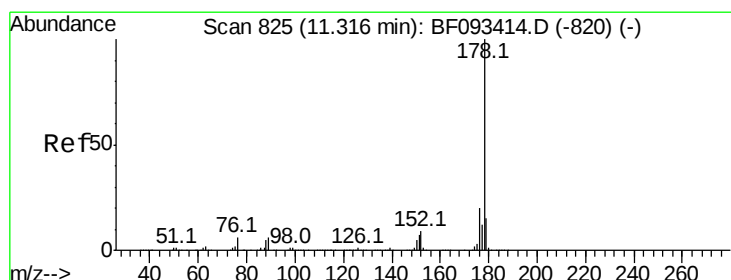
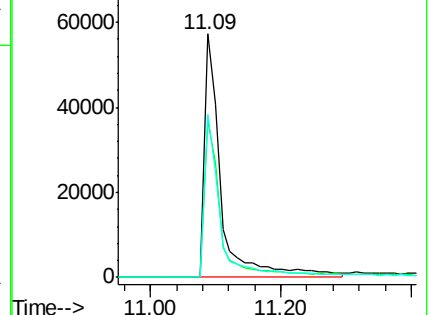
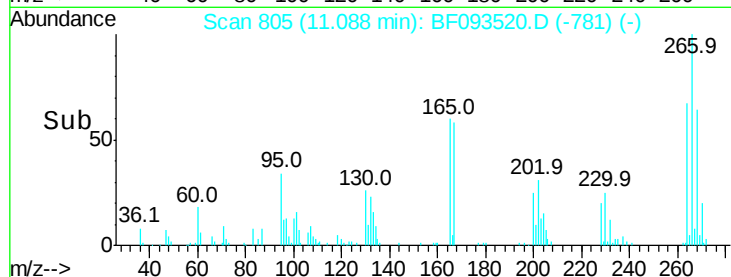
264 67.2 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.81 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

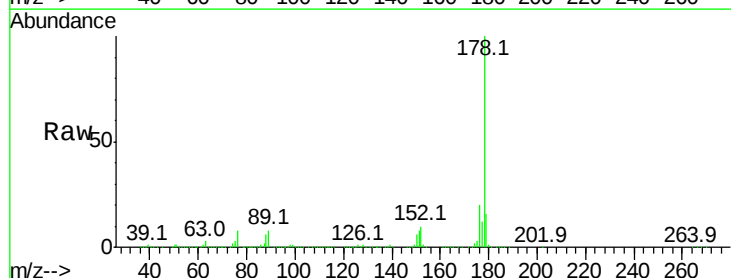
Tgt Ion:178 Resp: 1202716

Ion Ratio Lower Upper

178 100

176 19.7 16.6 25.0

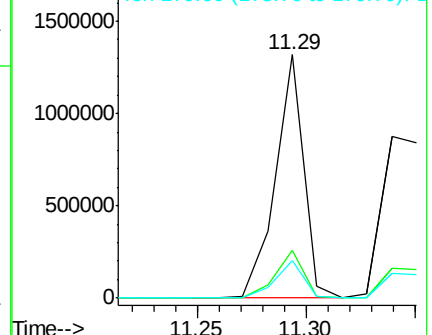
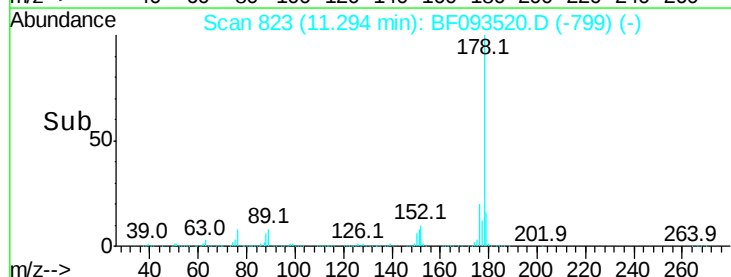
179 15.5 12.8 19.2

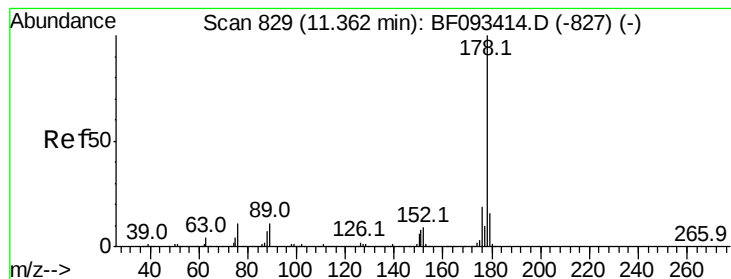


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.89 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

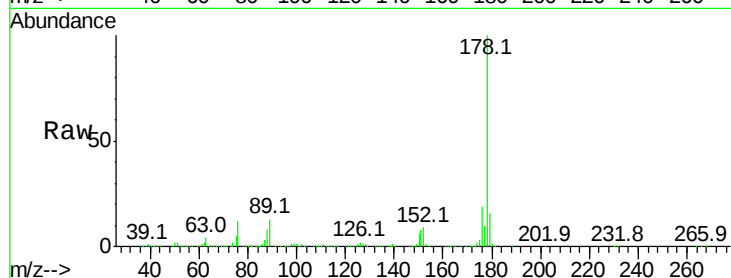
Tot Ion:178 Resp: 1219133

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

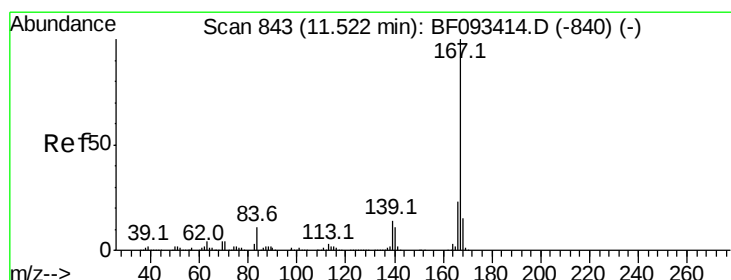
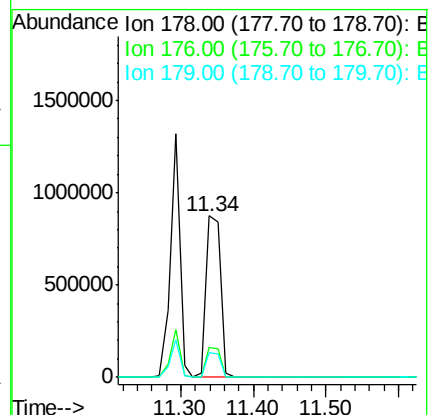
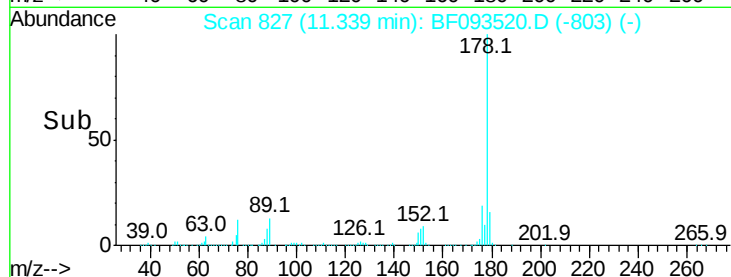
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.96 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

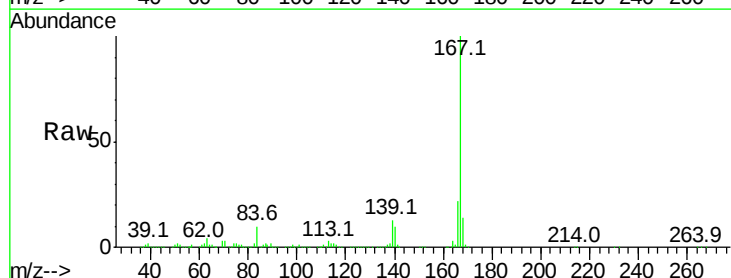
Tgt Ion:167 Resp: 1117918

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

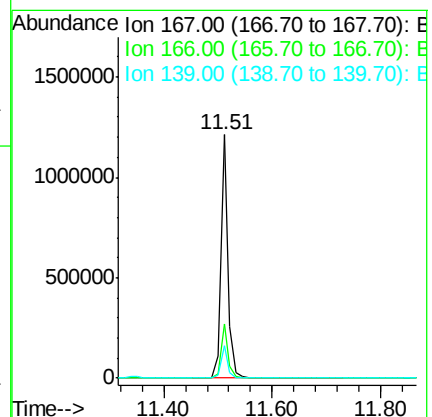
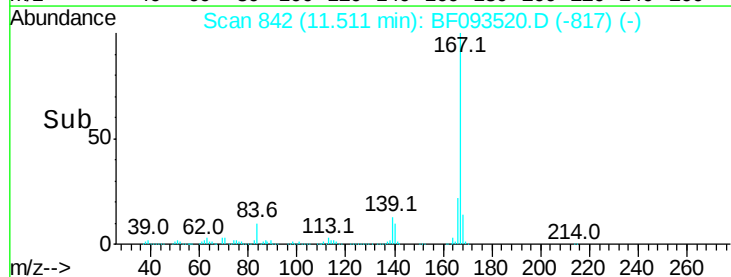
139 13.3 11.4 17.2

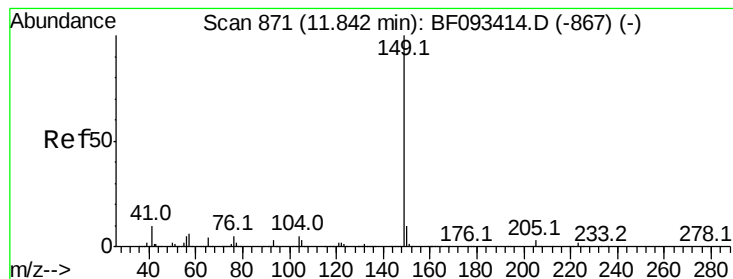


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.28 ng

RT: 11.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

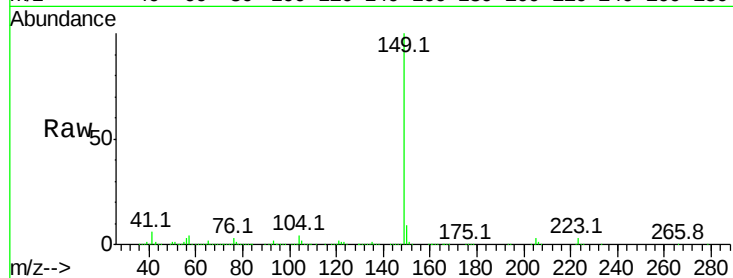
Tot Ion:149 Resp: 1304157

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

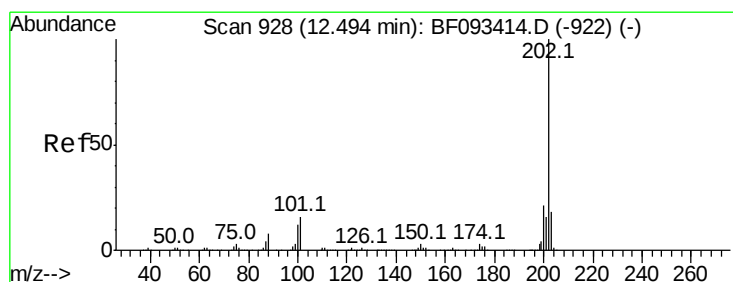
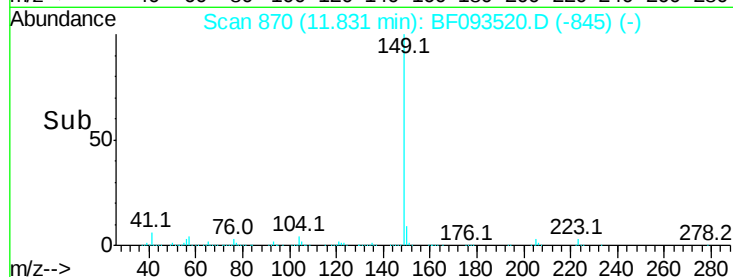
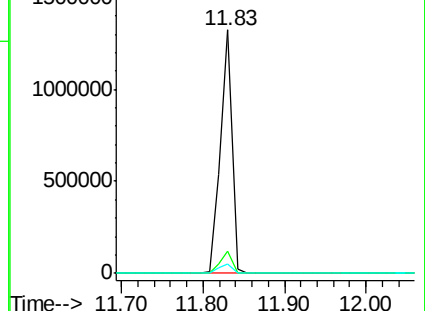
104 3.8 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.95 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

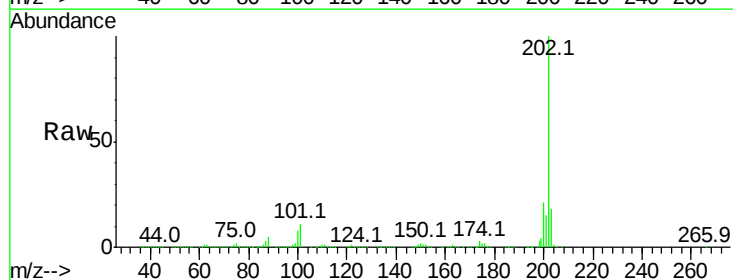
Tgt Ion:202 Resp: 1255805

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.6

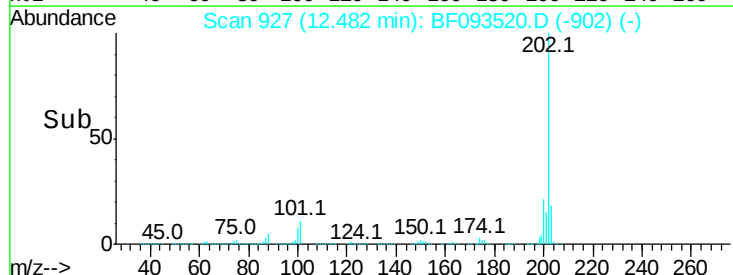
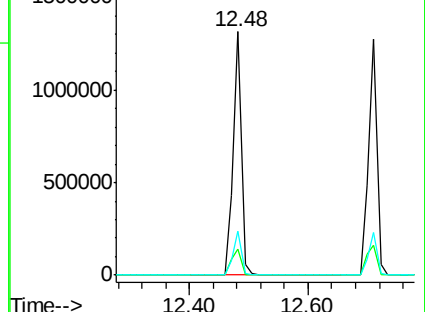
203 17.9 0.0 38.7

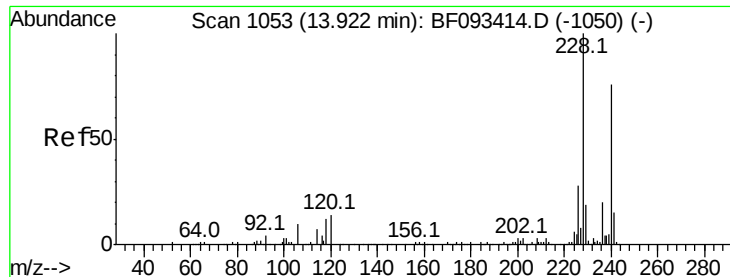


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

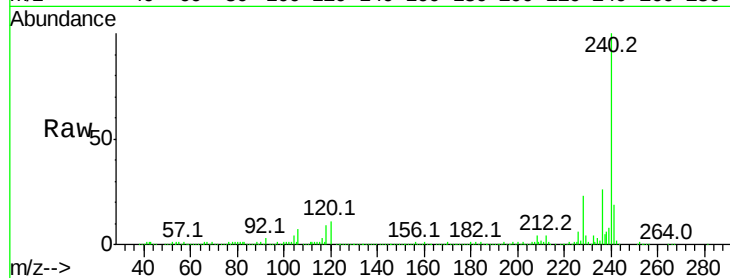
Tot Ion:240 Resp: 485402

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

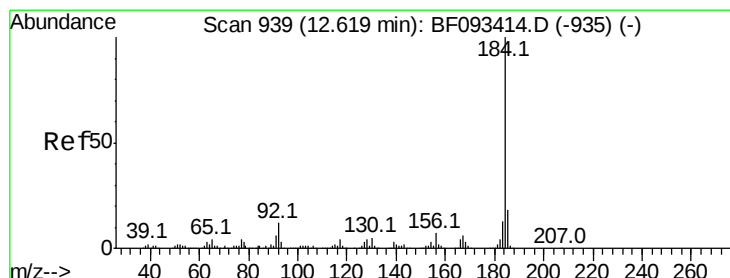
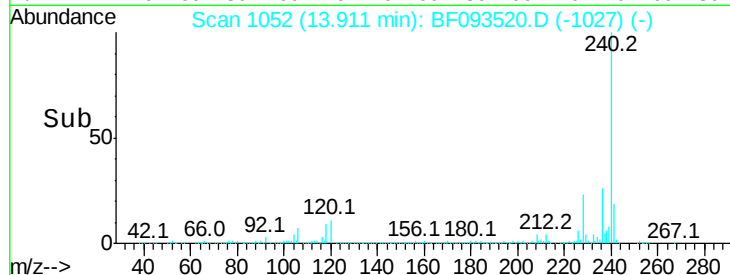
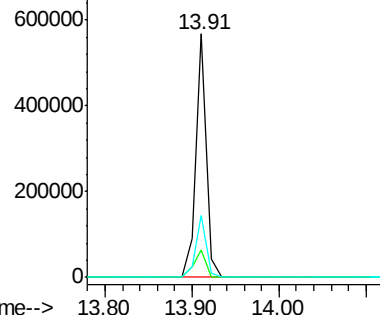
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.30 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

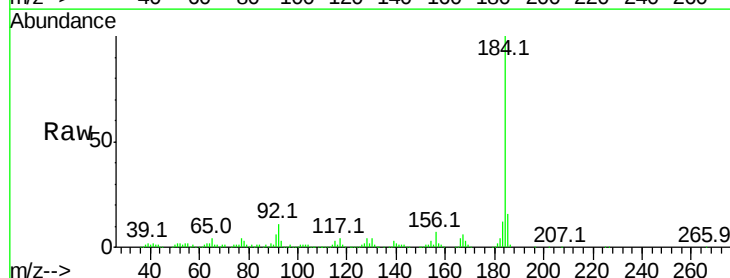
Tgt Ion:184 Resp: 834769

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

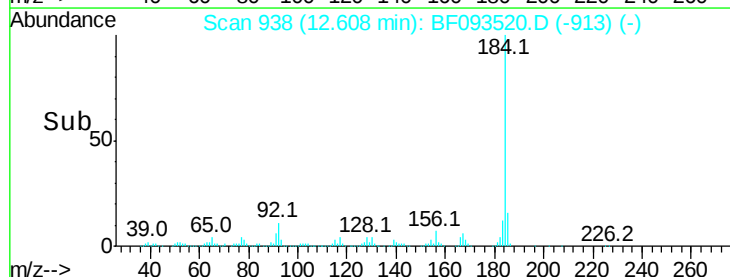
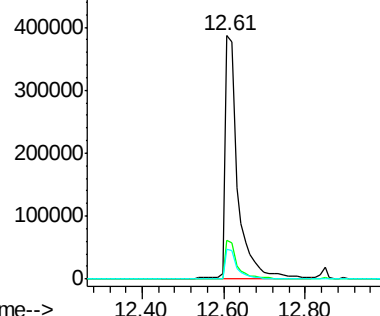
183 12.1 9.2 13.8

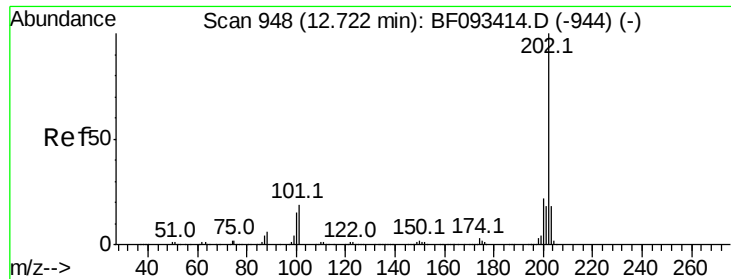


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

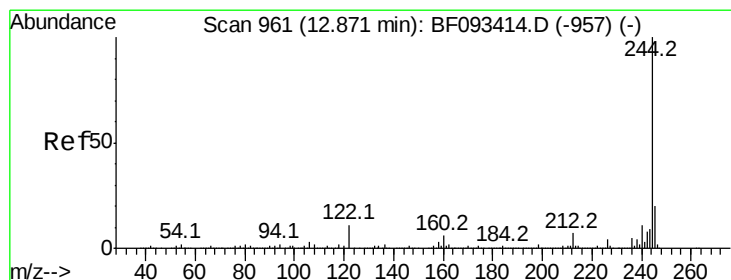
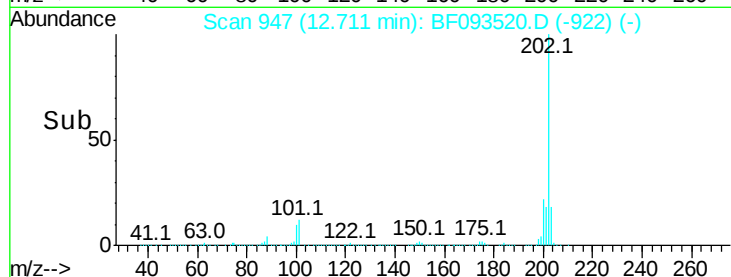
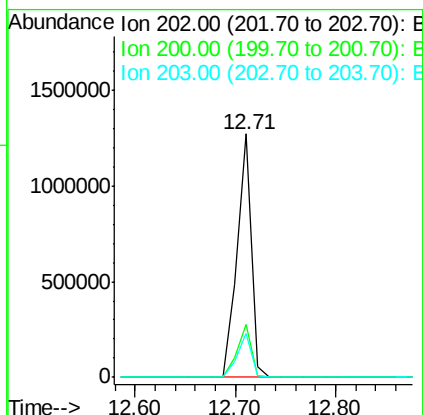
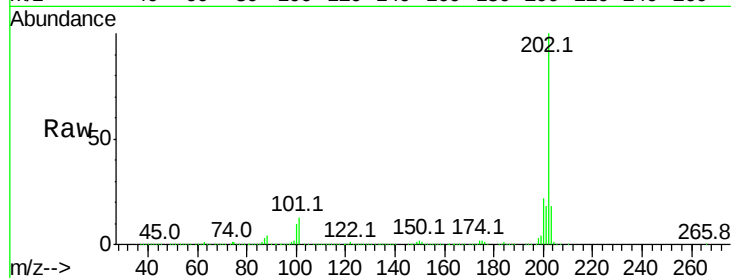




#77
Pvrene
Concen: 35.51 ng
RT: 12.71 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

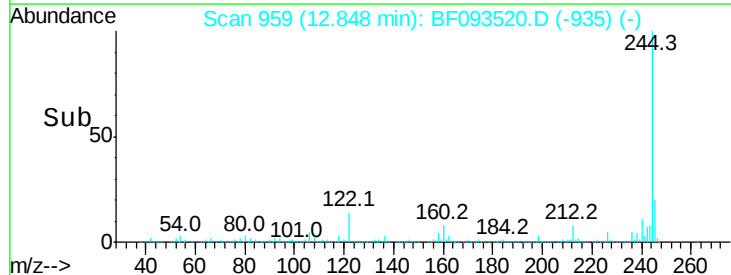
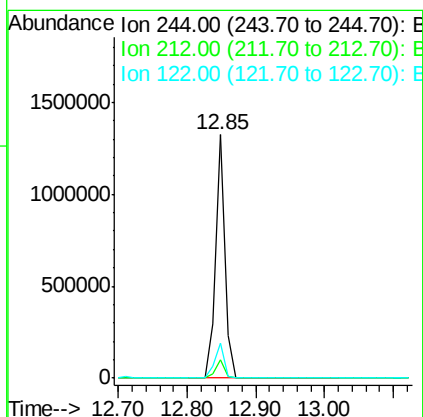
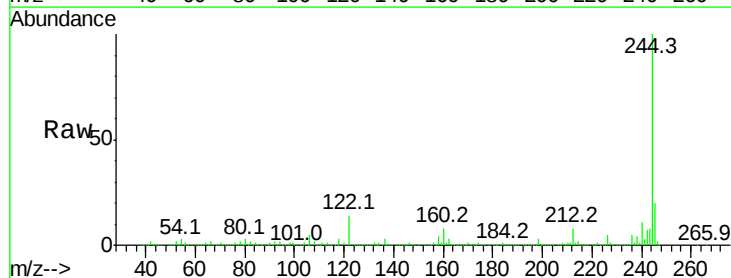
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

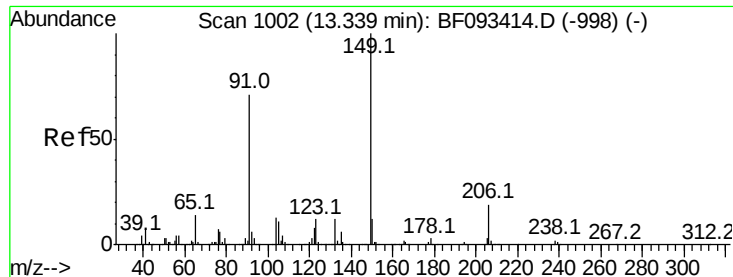
Tot Ion:202 Resp: 1253645
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.0 14.7 22.1



#78
Terphenyl-d14
Concen: 68.67 ng
RT: 12.85 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:244 Resp: 1282024
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 14.3 11.4 17.2

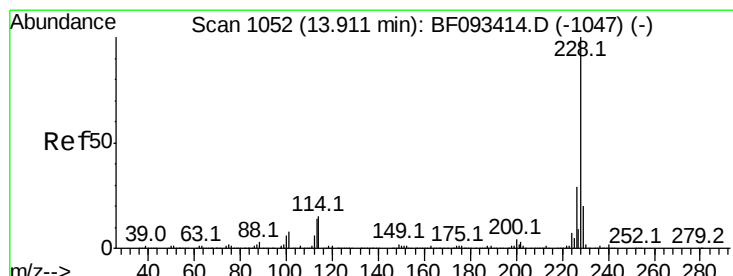
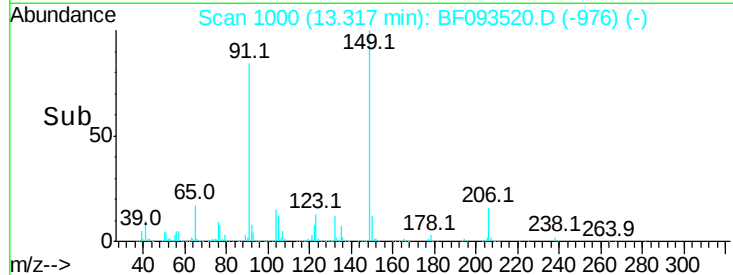
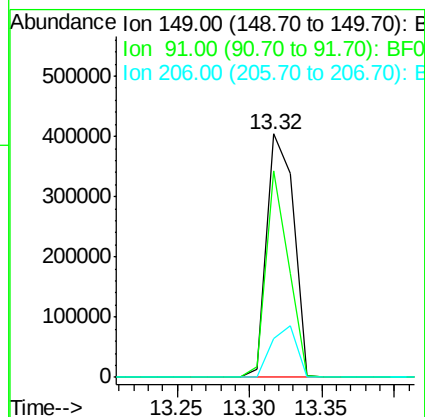
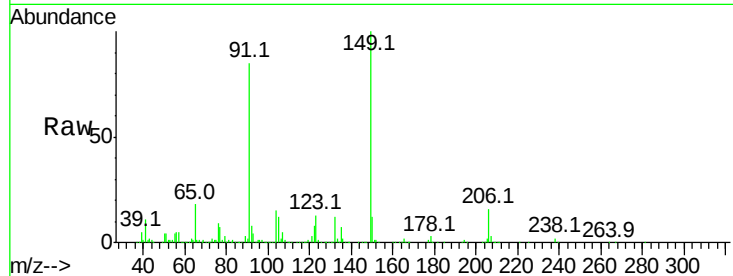




#79
Butylbenzylphthalate
Concen: 35.05 ng
RT: 13.32 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

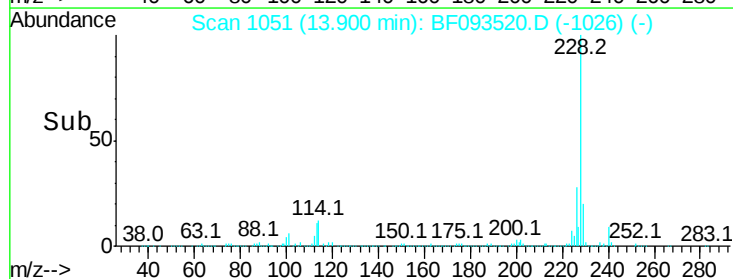
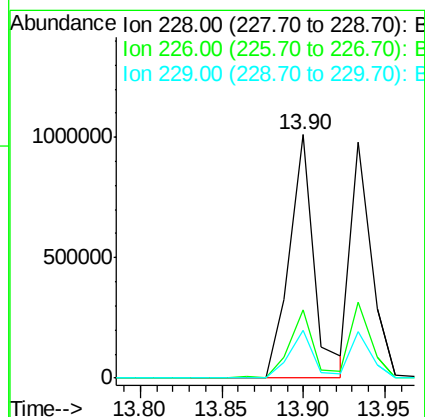
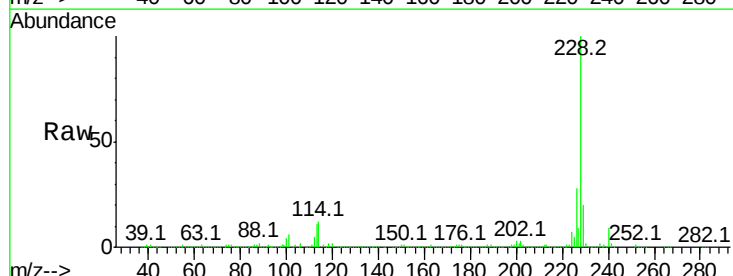
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

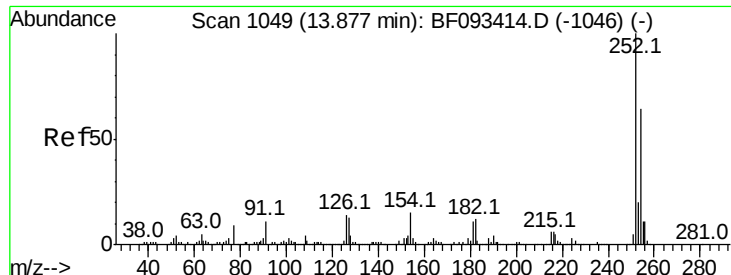
Tot Ion:149 Resp: 520880
Ion Ratio Lower Upper
149 100
91 84.6 63.9 95.9
206 16.2 14.6 21.8



#80
Benzo(a)anthracene
Concen: 37.40 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:228 Resp: 1072202
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 19.8 16.2 24.4

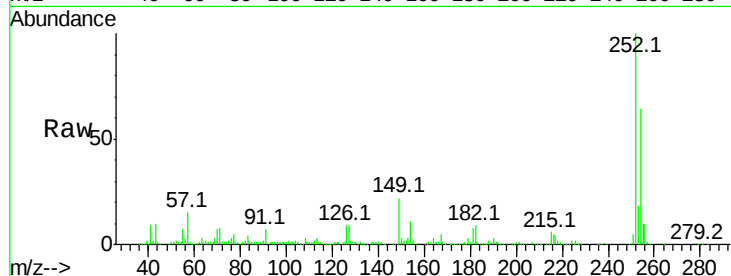




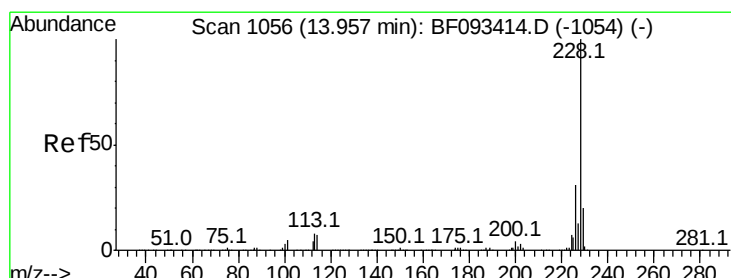
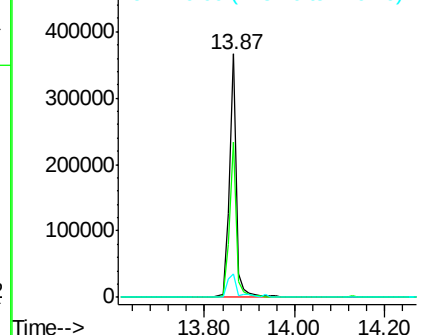
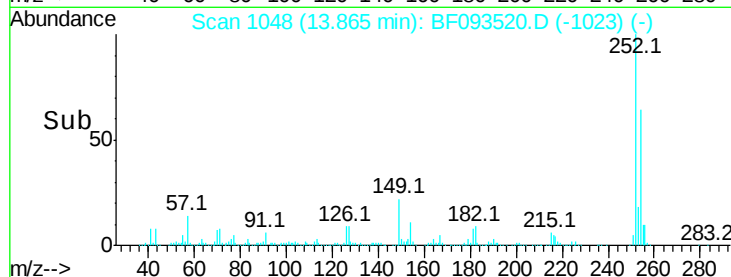
#81
 3,3'-Dichlorobenzidine
 Concen: 39.45 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 396084
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.3 78.5
 126 9.4 13.6 20.4#

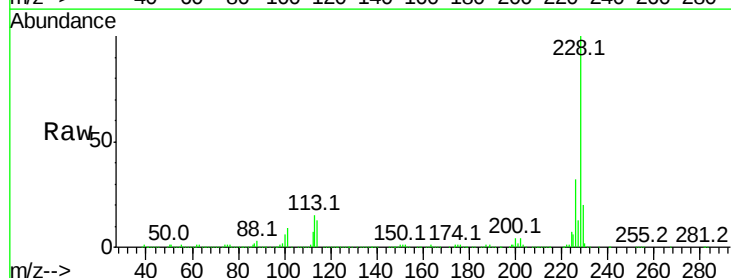


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

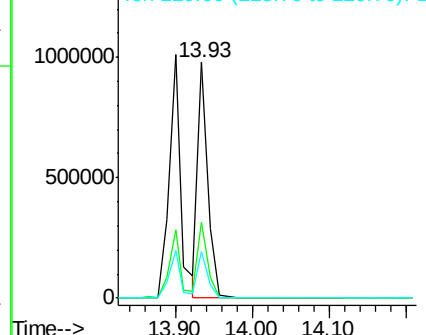
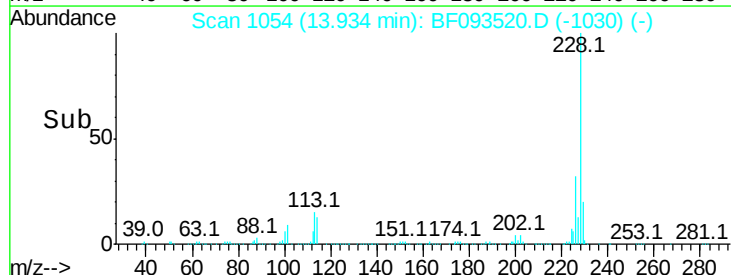


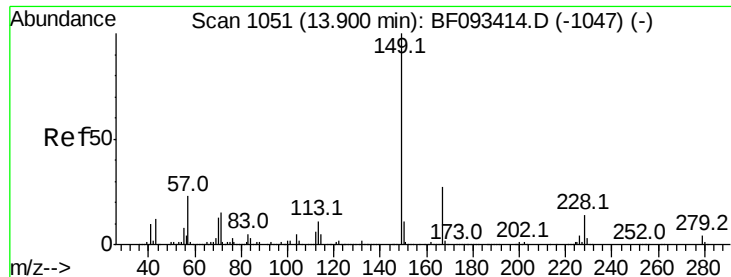
#82
 Chrysene
 Concen: 33.41 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Tgt Ion:228 Resp: 886044
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.0
 229 19.9 16.2 24.2



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: 33.52 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

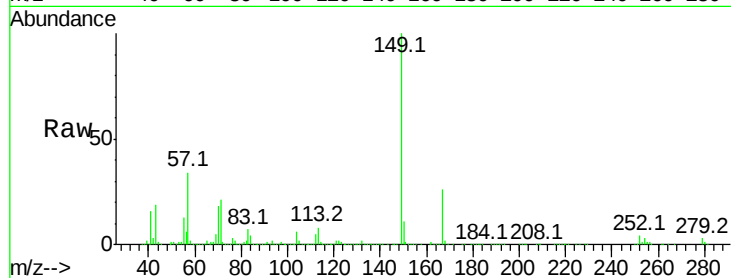
Tot Ion:149 Resp: 694315

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

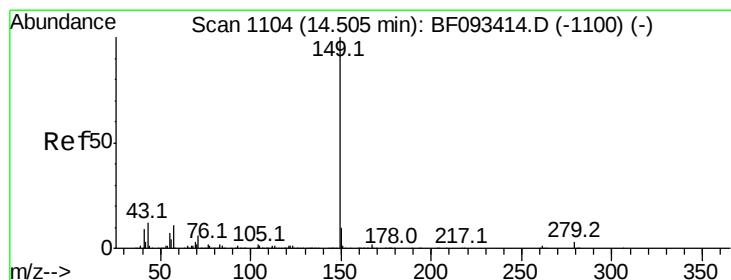
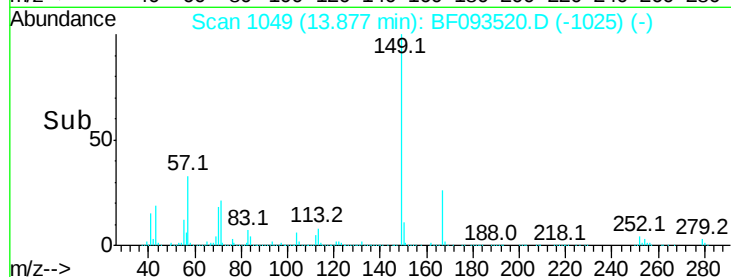
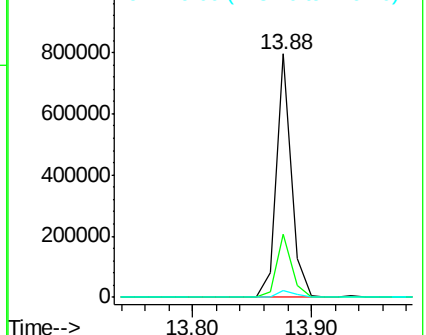
279 2.6 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.78 ng

RT: 14.49 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

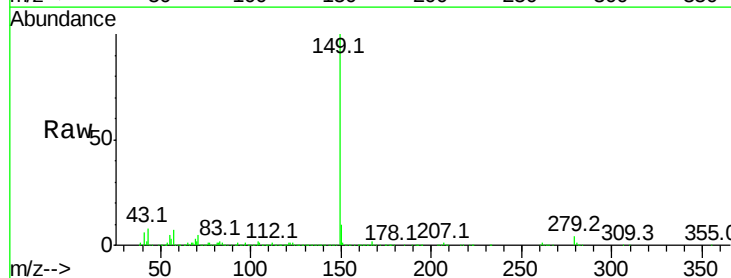
Tgt Ion:149 Resp: 1235357

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

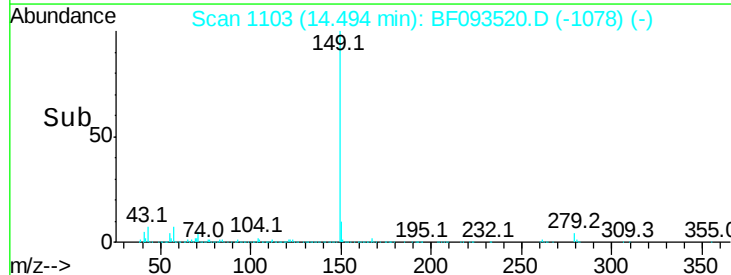
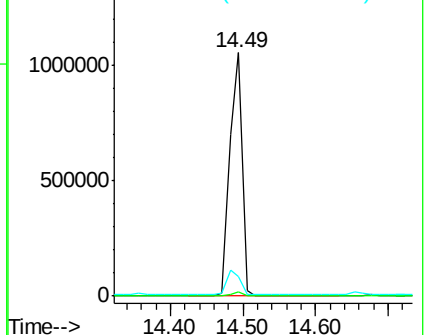
43 11.0 8.9 13.3

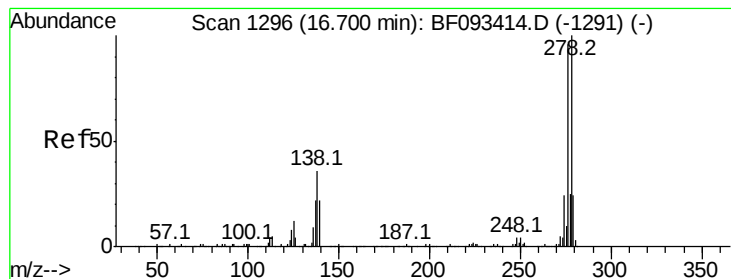


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.18 ng

RT: 16.68 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

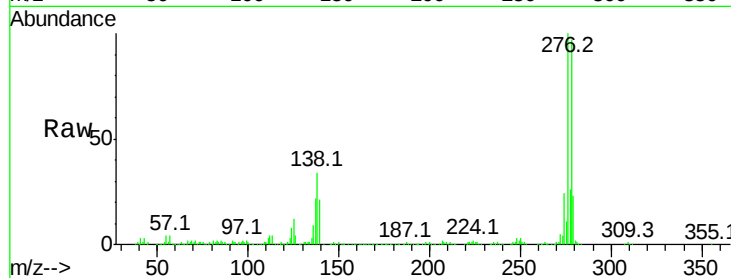
Tot Ion:276 Resp: 825316

Ion Ratio Lower Upper

276 100

138 31.9 21.8 32.6

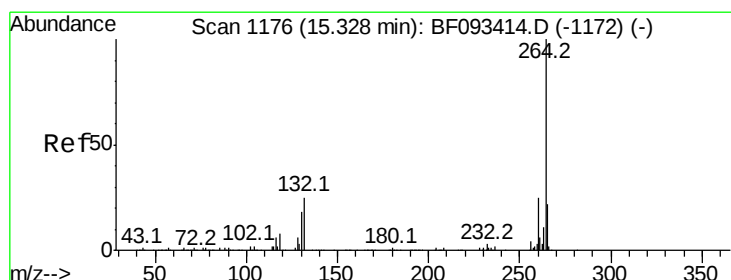
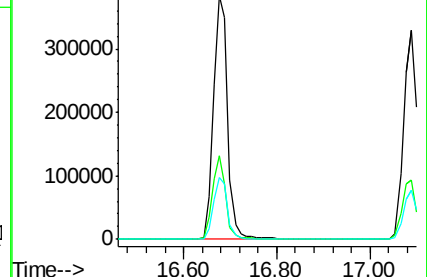
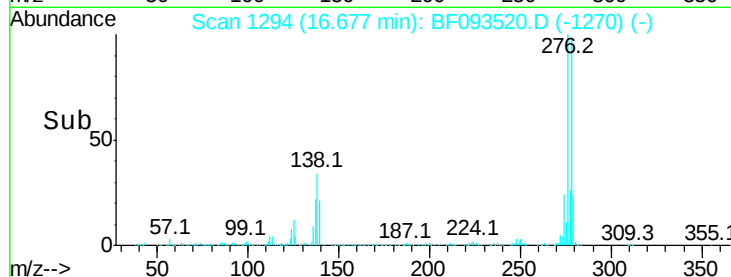
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

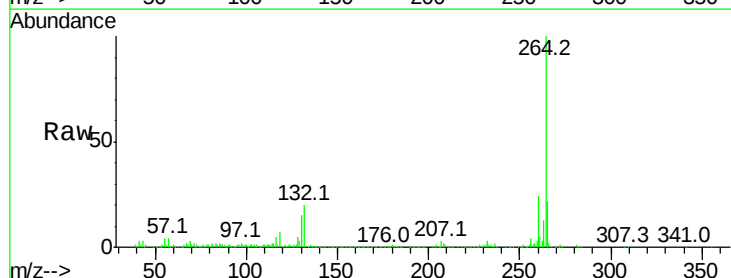
Tgt Ion:264 Resp: 397220

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

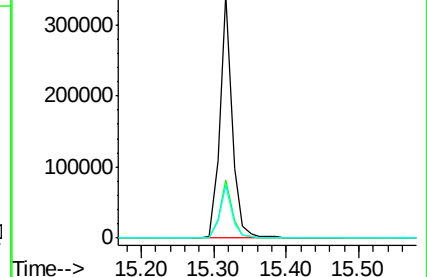
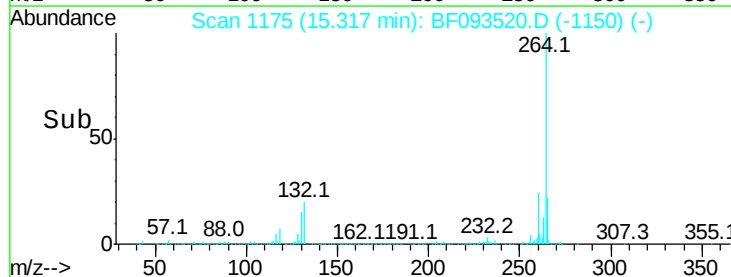
265 21.7 17.4 26.0

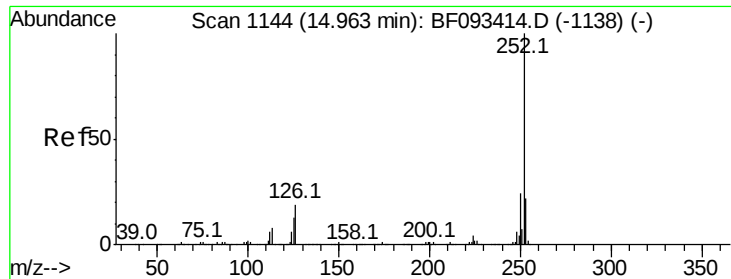


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 78.86 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

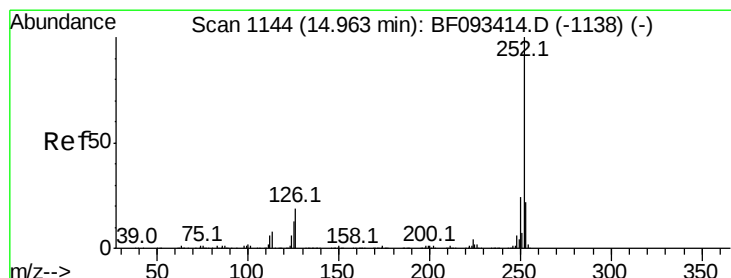
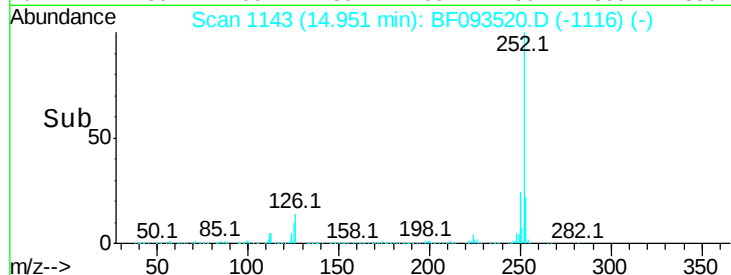
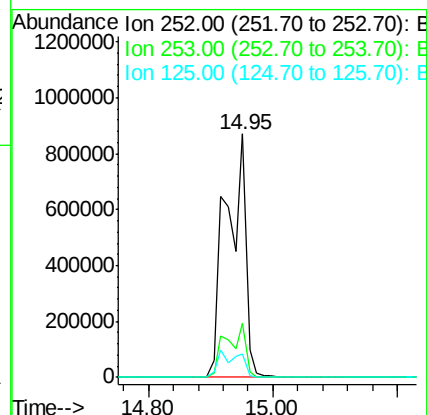
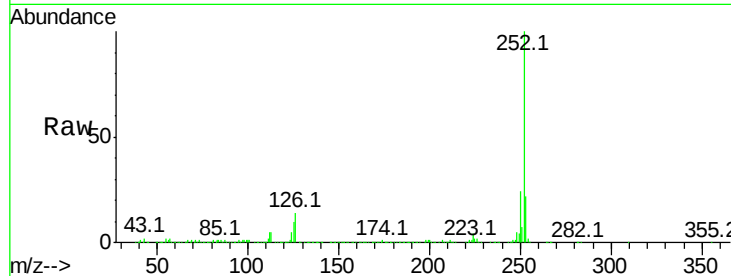
Tot Ion:252 Resp: 1907857

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

125 9.6 9.8 14.6#



#88

Benzo(k)fluoranthene

Concen: 81.78 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF093520.D

Acq: 10 Mar 2017 13:54

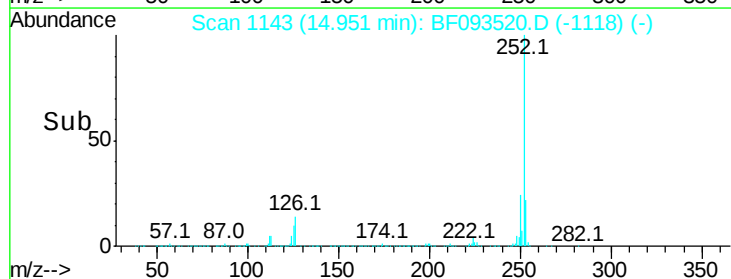
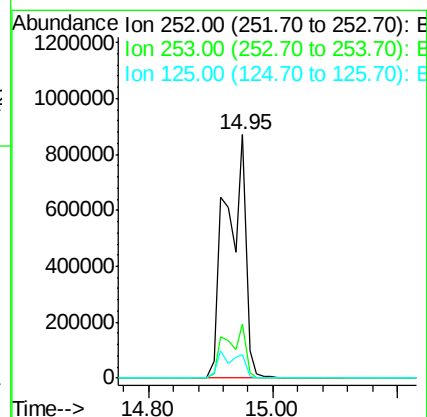
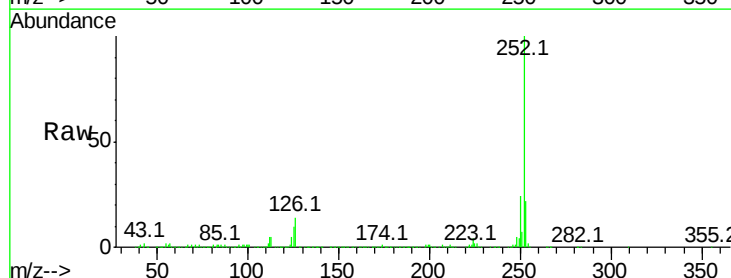
Tgt Ion:252 Resp: 1907857

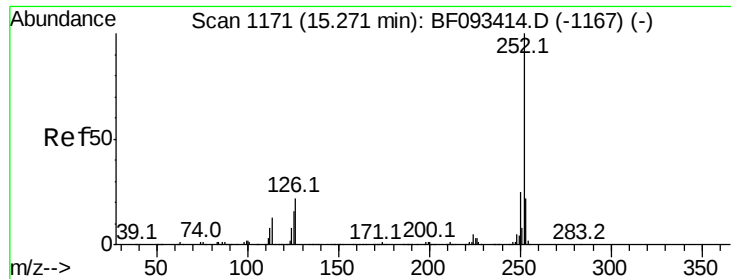
Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

125 9.6 8.9 13.3

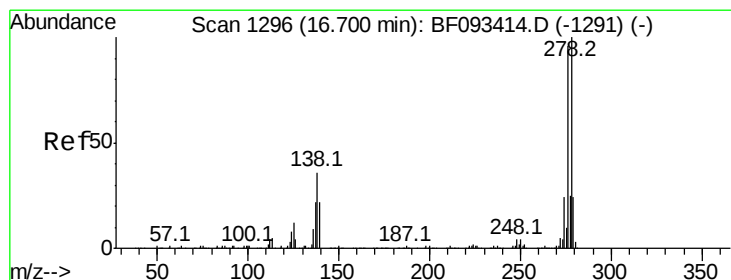
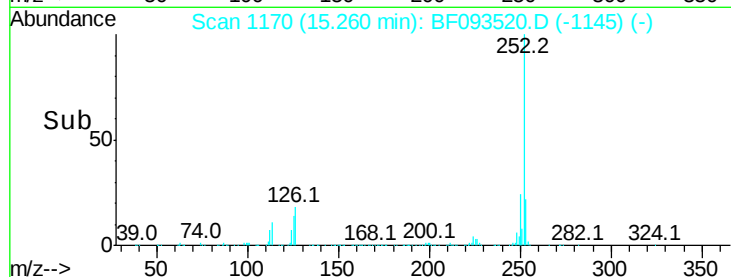
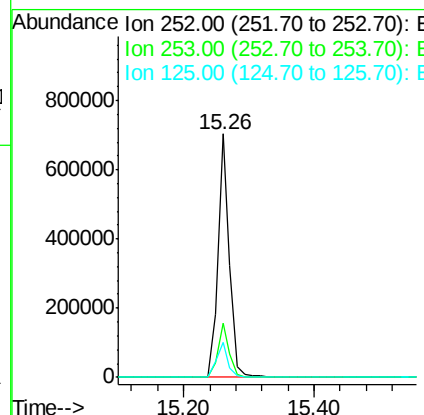
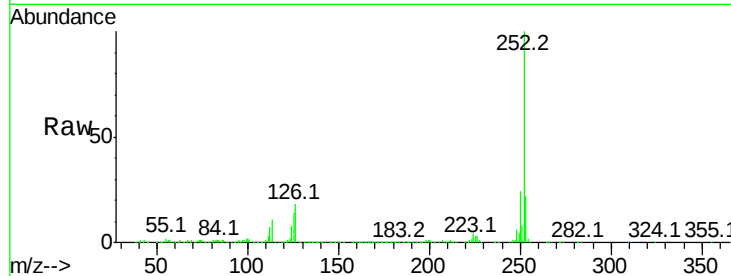




#89
Benzo(a)pyrene
Concen: 39.26 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

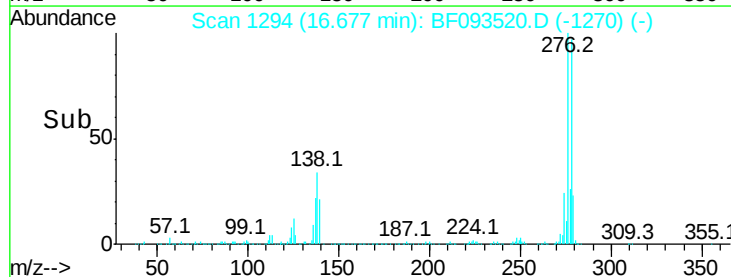
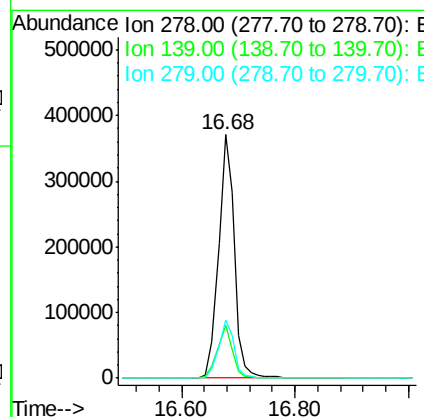
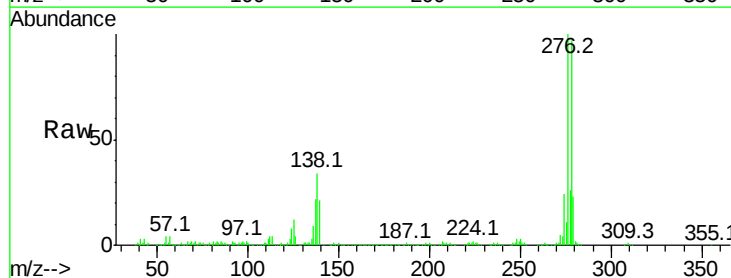
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

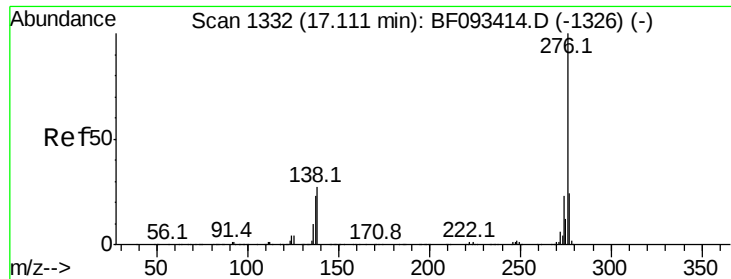
Tot Ion:252 Resp: 868040
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 14.4 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.70 ng
RT: 16.68 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF093520.D
Acq: 10 Mar 2017 13:54

Tgt Ion:278 Resp: 707798
Ion Ratio Lower Upper
278 100
139 21.7 14.8 22.2
279 23.7 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.78 ng
 RT: 17.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF093520.D
 Acq: 10 Mar 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	28.4	16.0	24.0

