

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085711.D
 Acq On : 24 Mar 2016 12:42
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 24 13:08:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 11:42:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	101704	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	419333	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	197744	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	378520	20.00	ng	0.00
75) Chrysene-d12	13.98	240	233918	20.00	ng	0.00
86) Perylene-d12	15.40	264	171696	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	631227	104.25	ng	0.01
7) Phenol-d6	6.46	99	757085	97.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	700510	96.97	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	181577	93.74	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1127916	91.24	ng	0.00
78) Terphenyl-d14	12.93	244	1051566	108.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	148973	50.61	ng	99
3) Pyridine	3.10	79	379922	52.57	ng	99
4) n-Nitrosodimethylamine	3.05	42	150560	49.90	ng	100
6) Aniline	6.49	93	530720	50.88	ng	94
8) 2-Chlorophenol	6.61	128	357640	51.06	ng	95
9) Benzaldehyde	6.37	77	230462	59.02	ng	96
10) Phenol	6.47	94	412453	46.63	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	317124	47.56	ng	95
12) 1,3-Dichlorobenzene	6.85	146	389750	51.06	ng	100
13) 1,4-Dichlorobenzene	6.77	146	394577	50.68	ng	96
14) 1,2-Dichlorobenzene	7.00	146	365305	52.84	ng	98
15) Benzyl Alcohol	6.97	79	273563	51.43	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	450576	51.38	ng	98
17) 2-Methylphenol	7.09	107	296142	51.00	ng	99
18) Hexachloroethane	7.34	117	147028	52.30	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	216055	46.57	ng	# 93
20) 3+4-Methylphenols	7.25	107	343087	51.01	ng	91
22) Acetophenone	7.25	105	476479	47.88	ng	# 91
24) Nitrobenzene	7.42	77	389999	49.32	ng	# 81
25) Isophorone	7.66	82	720622	49.82	ng	95
26) 2-Nitrophenol	7.73	139	182980	46.82	ng	# 86
27) 2,4-Dimethylphenol	7.77	122	353735	51.18	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	391458	47.58	ng	99
29) 2,4-Dichlorophenol	7.98	162	273071	47.85	ng	91
30) 1,2,4-Trichlorobenzene	8.06	180	318894	49.88	ng	95
31) Naphthalene	8.14	128	1042431	49.25	ng	99
32) Benzoic acid	7.91	122	253551	43.88	ng	99
33) 4-Chloroaniline	8.18	127	404156	46.59	ng	# 95
34) Hexachlorobutadiene	8.25	225	166253	48.80	ng	99
35) Caprolactam	8.57	113	103477	52.69	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	335654	50.36	ng	87
37) 2-Methylnaphthalene	8.82	142	620415	48.09	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	305153	50.87	ng	99
40) Hexachlorocyclopentadiene	8.98	237	109388	40.46	ng	99

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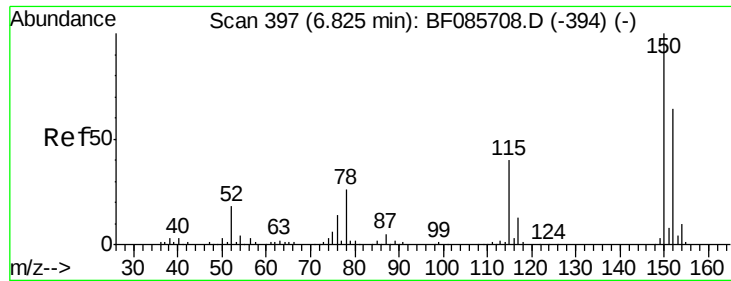
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.11	196	200555	48.84	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	206375	49.39	ng #	88
45) 1,1'-Biphenyl	9.29	154	851412	49.91	ng	95
46) 2-Chloronaphthalene	9.32	162	629591	50.53	ng	95
47) 2-Nitroaniline	9.41	65	179003	47.49	ng	88
48) Acenaphthylene	9.73	152	958922	47.55	ng	100
49) Dimethylphthalate	9.59	163	724615	48.56	ng	99
50) 2,6-Dinitrotoluene	9.66	165	180291	57.23	ng #	76
51) Acenaphthene	9.90	154	597643	47.23	ng	100
52) 3-Nitroaniline	9.83	138	196162	49.72	ng #	73
53) 2,4-Dinitrophenol	9.93	184	83514	43.28	ng #	80
54) Dibenzofuran	10.07	168	766491	49.74	ng	97
55) 4-Nitrophenol	9.99	139	140261	46.00	ng	87
56) 2,4-Dinitrotoluene	10.06	165	199416	48.35	ng #	63
57) Fluorene	10.41	166	624880	48.66	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	141921	47.17	ng	98
59) Diethylphthalate	10.29	149	683175	46.05	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	291577	46.49	ng	94
61) 4-Nitroaniline	10.44	138	166740	42.87	ng	90
62) Azobenzene	10.56	77	693661	48.72	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	122337	50.51	ng #	73
65) n-Nitrosodiphenylamine	10.53	169	583564	49.49	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	183387	48.50	ng	92
67) Hexachlorobenzene	10.96	284	202245	50.34	ng #	91
68) Atrazine	11.05	200	175010	48.75	ng	98
69) Pentachlorophenol	11.16	266	109494	44.89	ng	99
70) Phenanthrene	11.37	178	958543	48.03	ng	99
71) Anthracene	11.42	178	985144	47.08	ng	99
72) Carbazole	11.58	167	809884	44.86	ng	99
73) Di-n-butylphthalate	11.91	149	1078922	47.72	ng	99
74) Fluoranthene	12.56	202	988139	47.28	ng	89
76) Benzidine	12.68	184	441084	56.07	ng	98
77) Pyrene	12.79	202	953365	56.76	ng	100
79) Butylbenzylphthalate	13.41	149	403481	50.40	ng	99
80) Benzo(a)anthracene	13.97	228	628596	46.29	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	423700	85.14	ng	98
82) Chrysene	14.01	228	627403	48.02	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	464183	46.67	ng	99
84) Di-n-octyl phthalate	14.57	149	716237	44.19	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	584036	53.50	ng	99
87) Benzo(b)fluoranthene	15.02	252	1038745	92.72	ng	98
88) Benzo(k)fluoranthene	15.02	252	1038745	112.54	ng #	98
89) Benzo(a)pyrene	15.34	252	497258	52.36	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	488951	61.72	ng	98
91) Benzo(g,h,i)perylene	17.20	276	496356	64.74	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. 0.00 min

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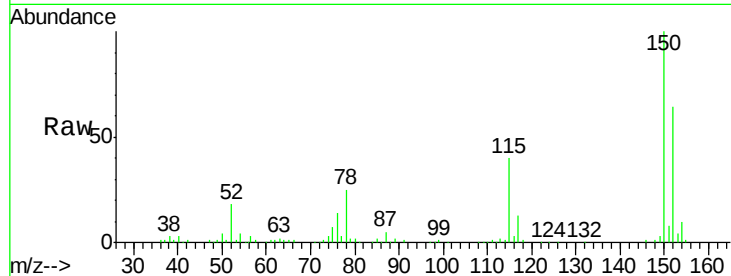
Tgt Ion:152 Resp: 101704

Ion Ratio Lower Upper

152 100

150 155.1 124.2 186.2

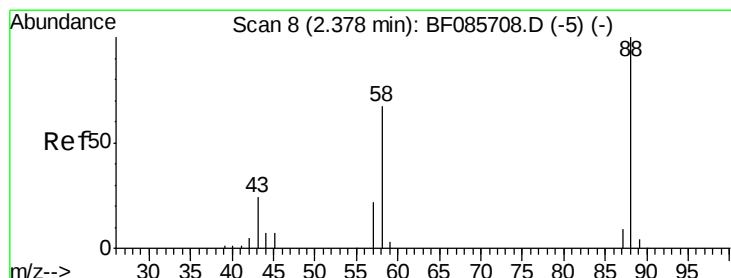
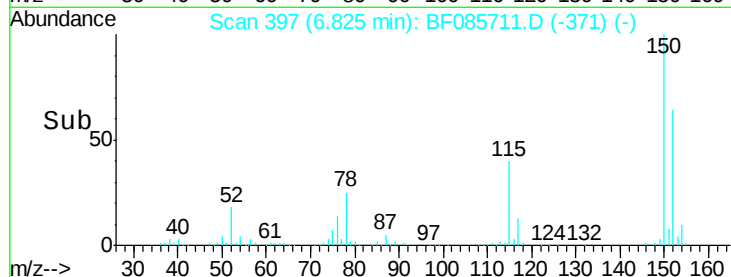
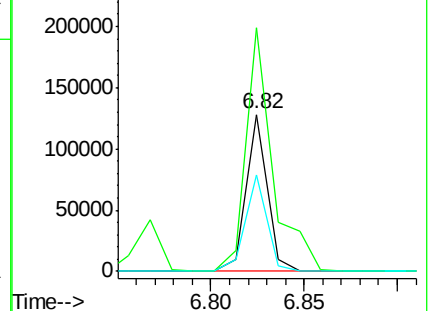
115 61.6 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 50.61 ng

RT: 2.38 min Scan# 8

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

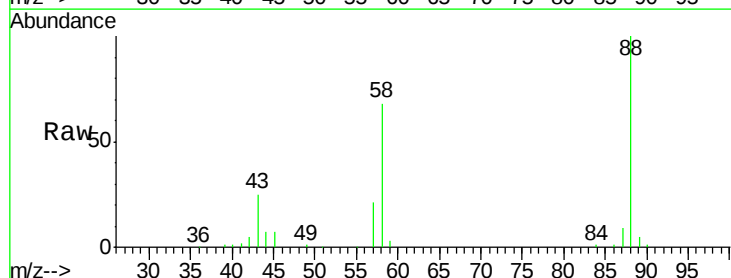
Tgt Ion: 88 Resp: 148973

Ion Ratio Lower Upper

88 100

58 68.5 54.2 81.2

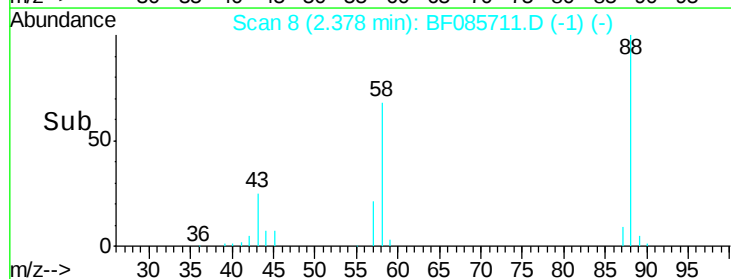
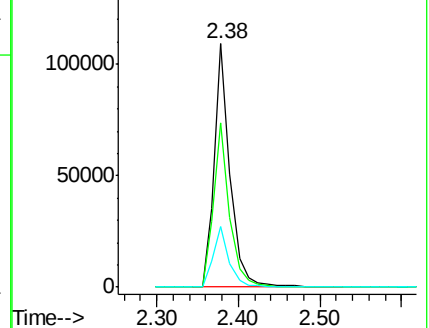
43 25.0 19.3 28.9

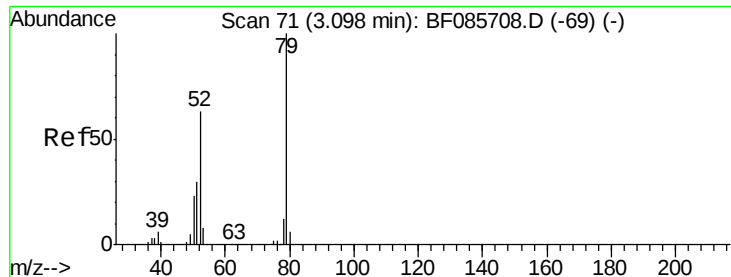


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 52.57 ng

RT: 3.10 min Scan# 71

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

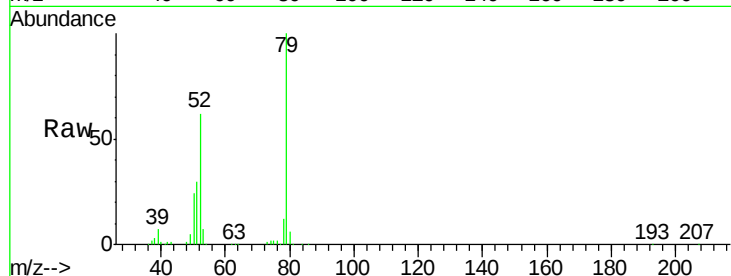
Tgt Ion: 79 Resp: 379922

Ion Ratio Lower Upper

79 100

52 61.9 49.8 74.6

51 30.5 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

200000

150000

100000

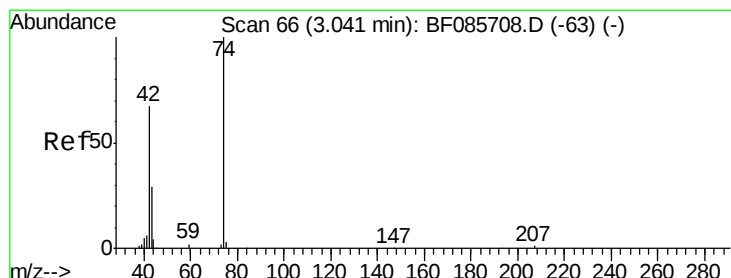
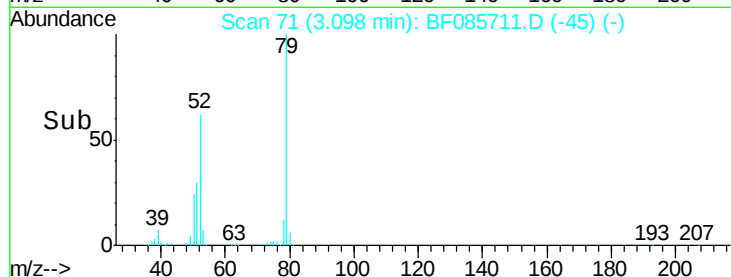
50000

0

3.10

3.00 3.20 3.40

Time-->



#4

n-Nitrosodimethylamine

Concen: 49.90 ng

RT: 3.05 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

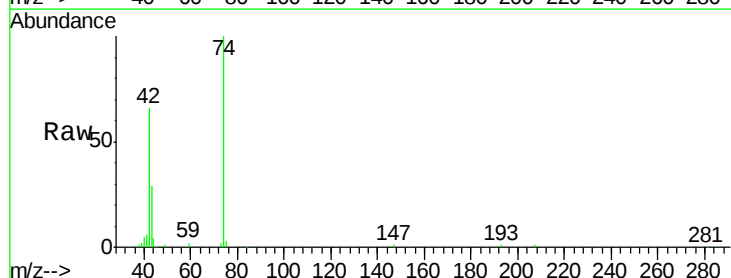
Tgt Ion: 42 Resp: 150560

Ion Ratio Lower Upper

42 100

74 151.5 121.4 182.2

44 6.7 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

150000

100000

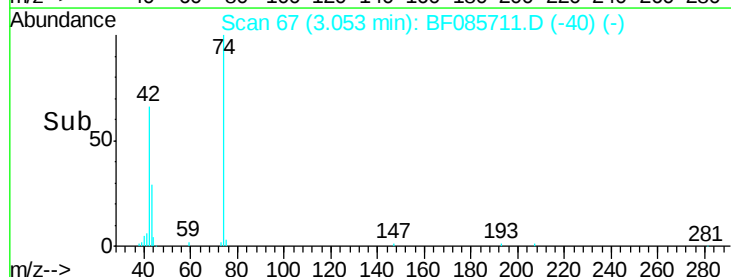
50000

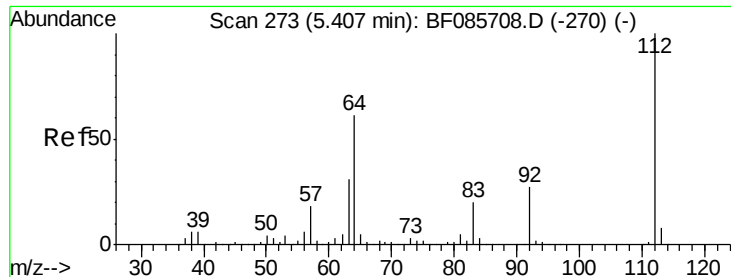
0

3.05

2.90 3.00 3.10 3.20 3.30

Time-->





#5

2-Fluorophenol

Concen: 104.25 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

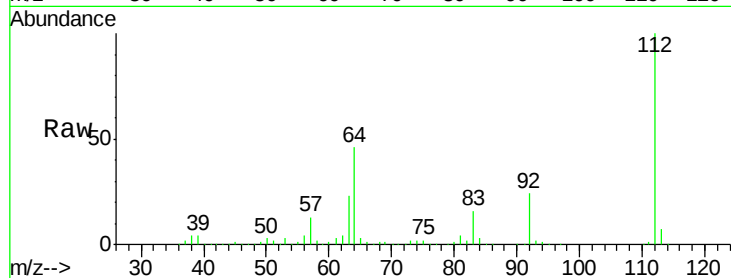
Instrument :

BNA_F

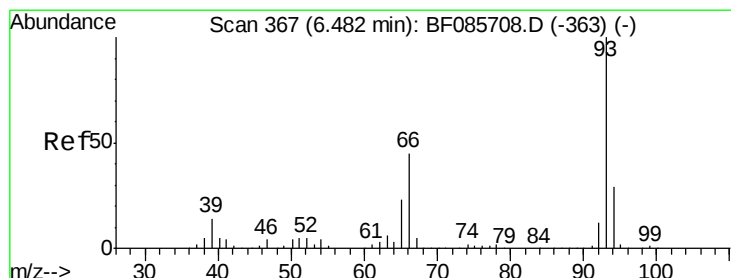
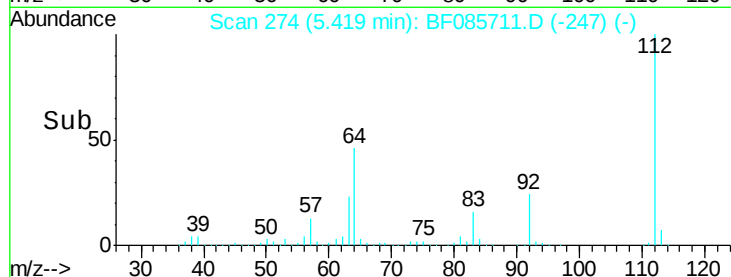
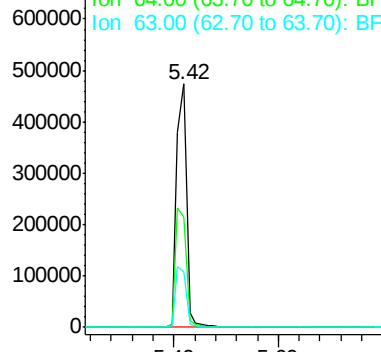
ClientSampleId :

SSTDIC050

Tgt Ion:	112	Resp:	631227
Ion	Ratio	Lower	Upper
112	100		
64	45.6	39.9	59.9
63	22.8	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 50.88 ng

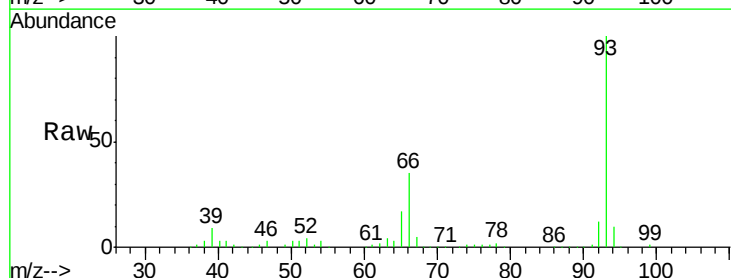
RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

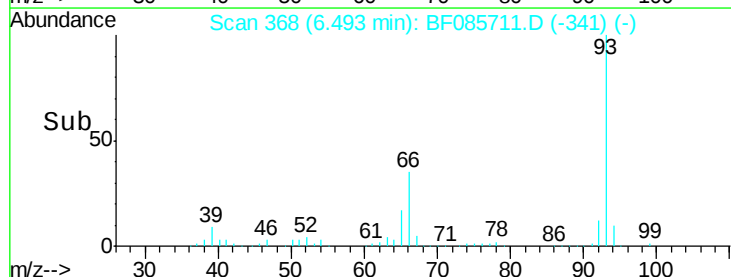
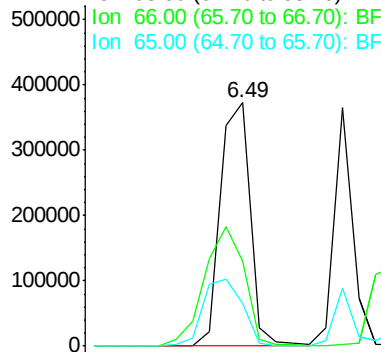
Lab File: BF085711.D

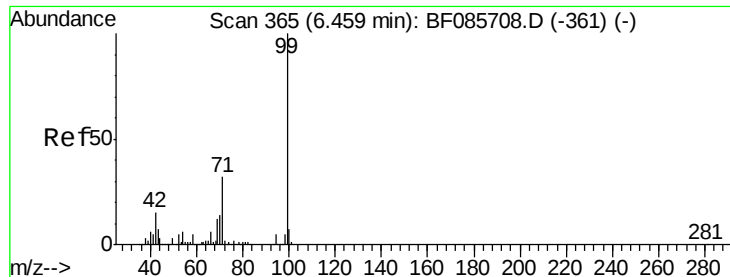
Acq: 24 Mar 2016 12:42

Tgt Ion:	93	Resp:	530720
Ion	Ratio	Lower	Upper
93	100		
66	35.0	31.4	47.2
65	17.4	15.7	23.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 97.49 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

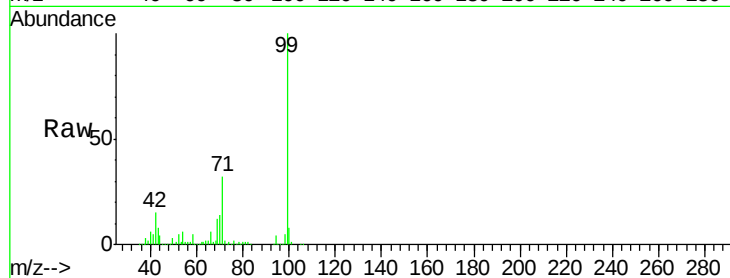
Tgt Ion: 99 Resp: 757085

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

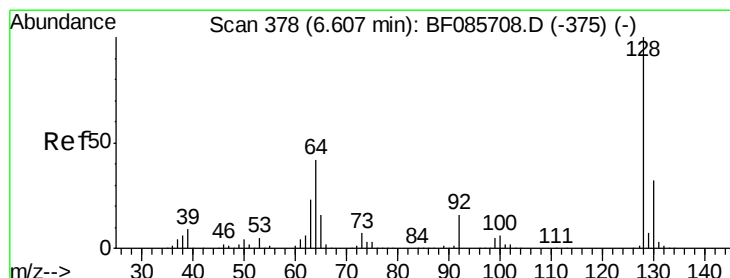
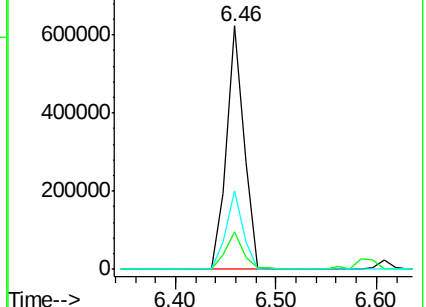
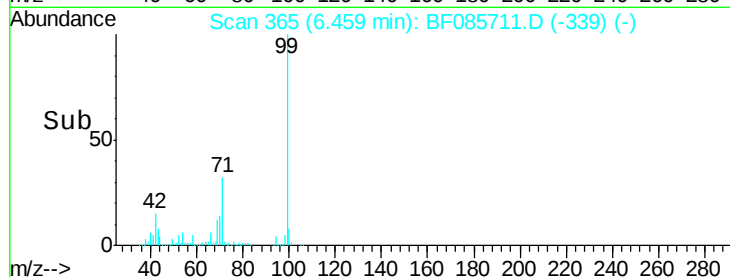
71 32.3 24.9 37.3



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: 51.06 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

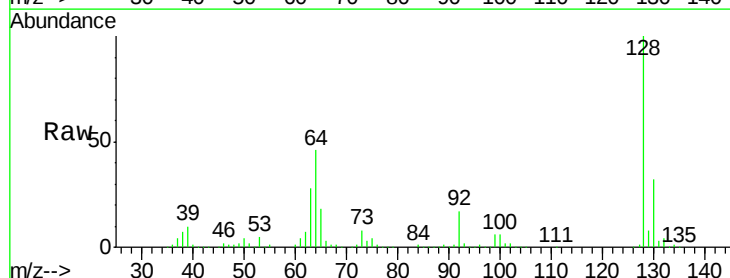
Tgt Ion: 128 Resp: 357640

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

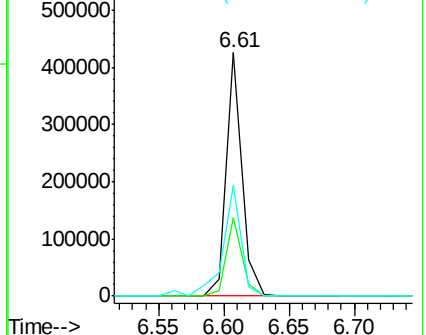
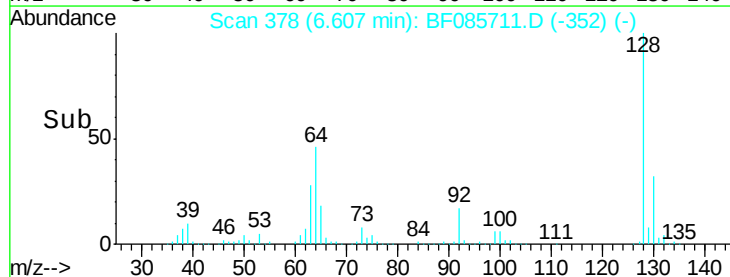
64 45.6 20.2 60.2

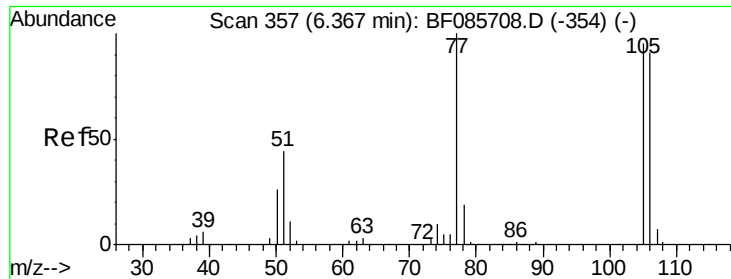


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

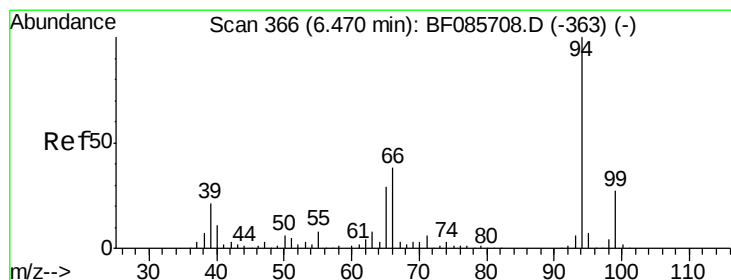
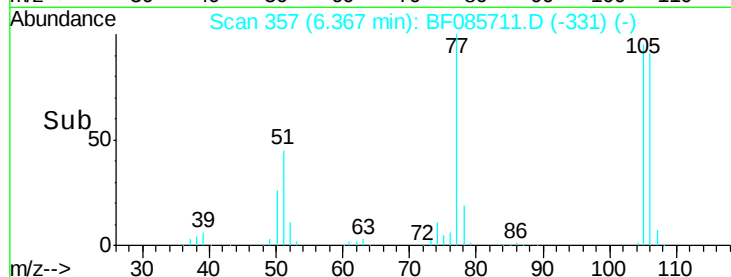
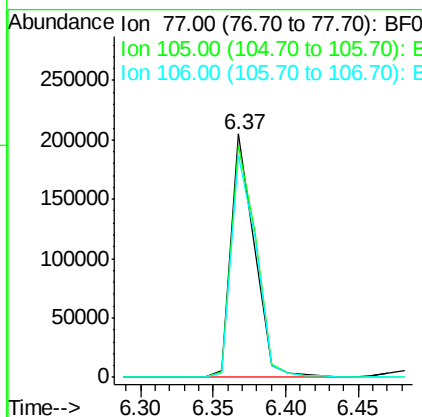
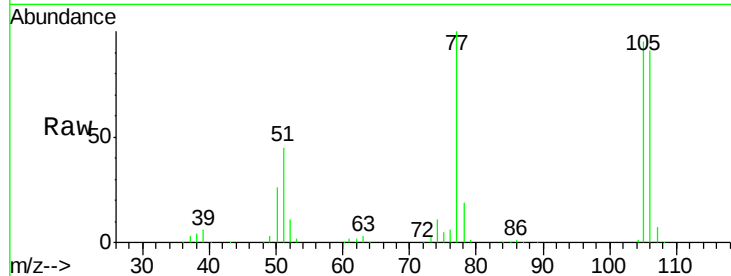




#9
Benzaldehyde
Concen: 59.02 ng
RT: 6.37 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

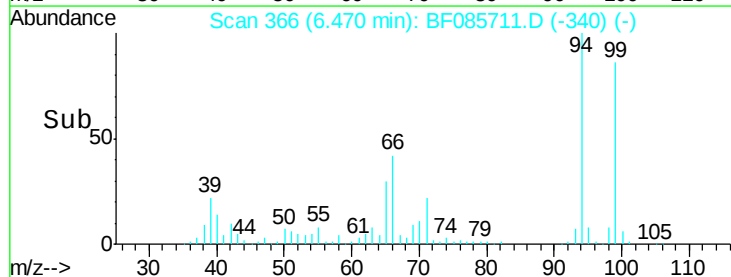
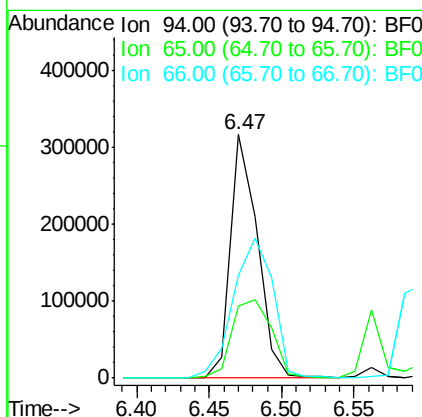
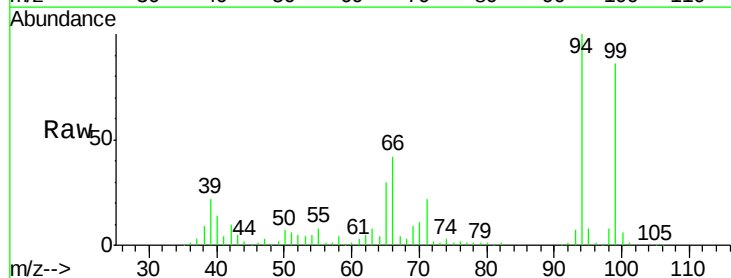
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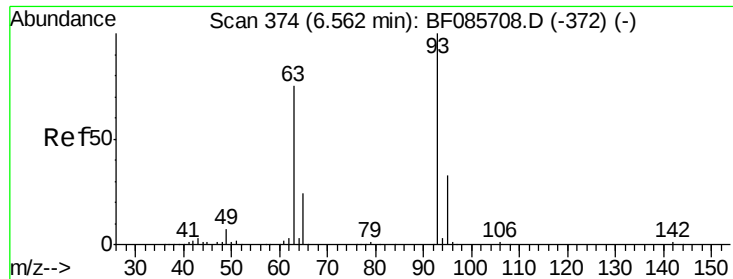
Tgt Ion: 77 Resp: 230462
Ion Ratio Lower Upper
77 100
105 95.3 80.1 120.1
106 91.2 75.0 115.0



#10
Phenol
Concen: 46.63 ng
RT: 6.47 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion: 94 Resp: 412453
Ion Ratio Lower Upper
94 100
65 29.9 8.6 48.6
66 42.3 20.0 60.0

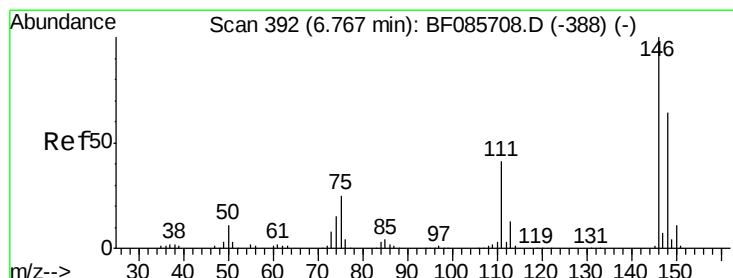
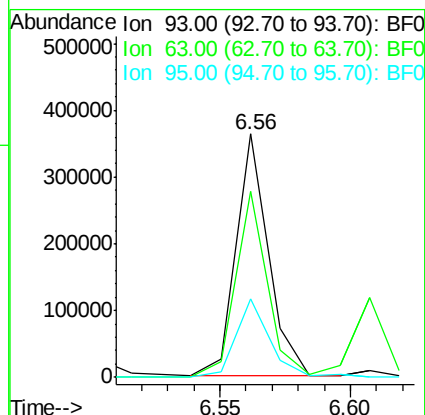
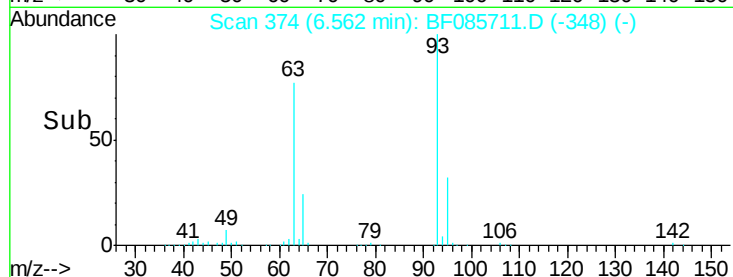
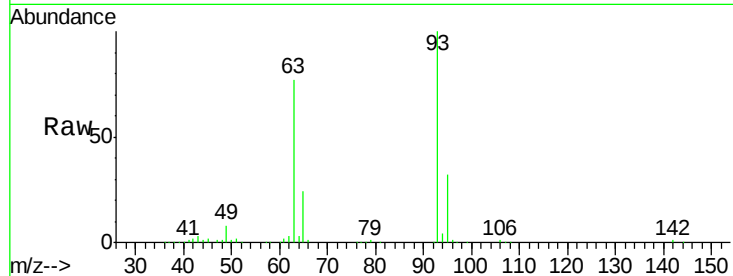




#11
bis(2-Chloroethyl)ether
Concen: 47.56 ng
RT: 6.56 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

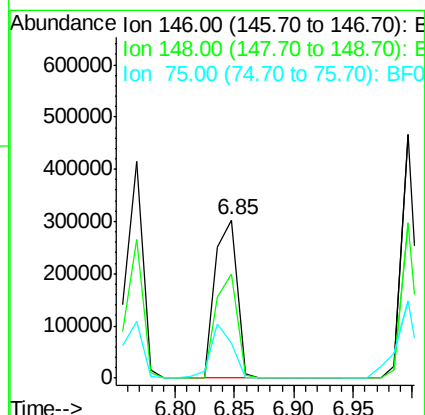
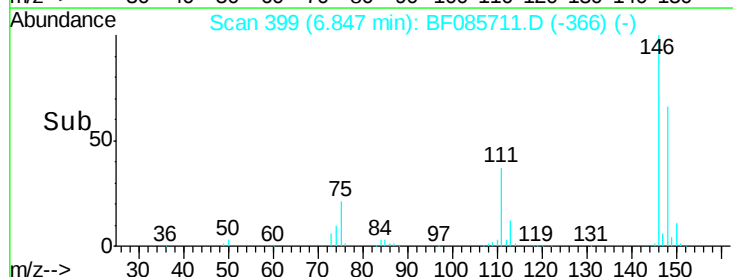
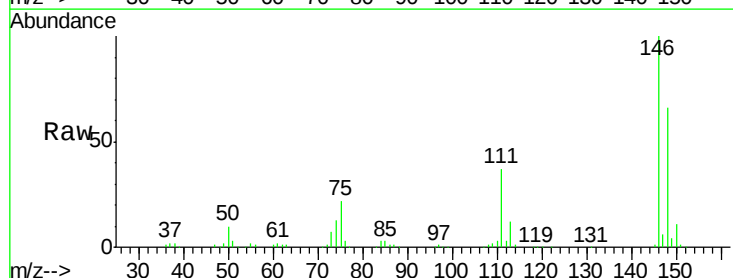
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

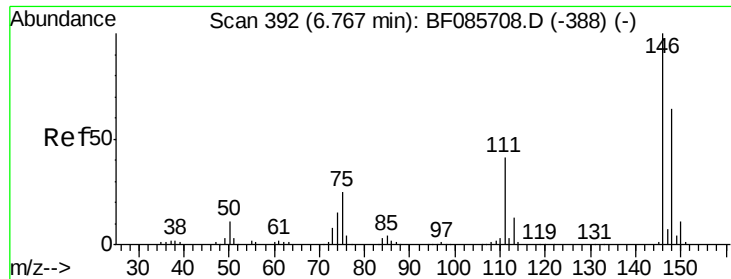
Tgt Ion: 93 Resp: 317124
Ion Ratio Lower Upper
93 100
63 76.5 50.9 90.9
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 51.06 ng
RT: 6.85 min Scan# 399
Delta R.T. 0.08 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion: 146 Resp: 389750
Ion Ratio Lower Upper
146 100
148 65.5 52.3 78.5
75 22.2 17.4 26.2

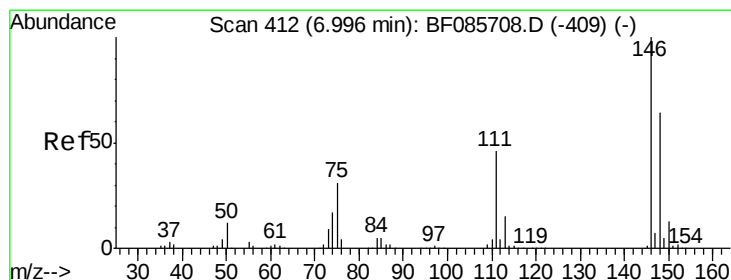
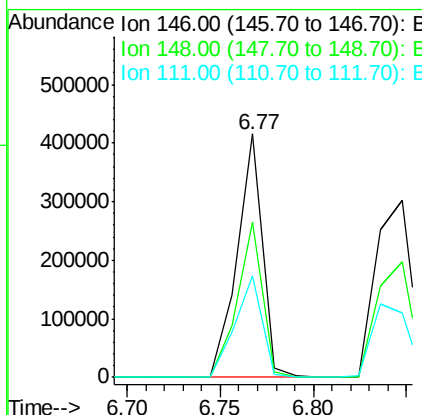
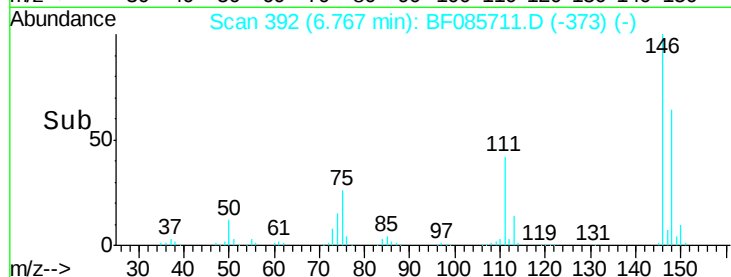
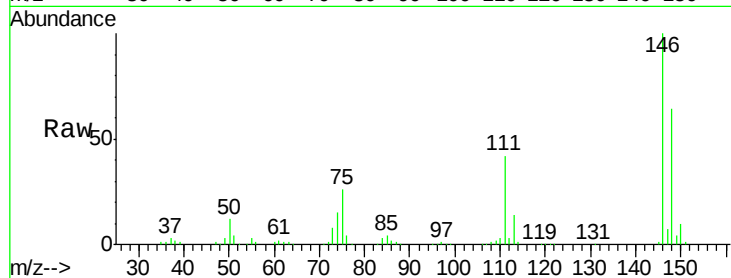




#13
 1,4-Dichlorobenzene
 Concen: 50.68 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.08 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

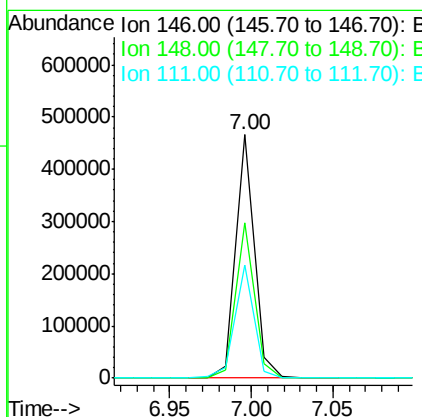
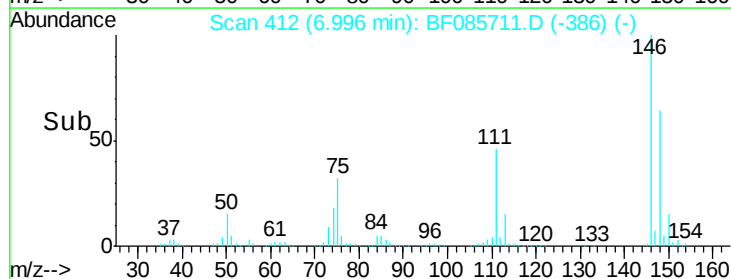
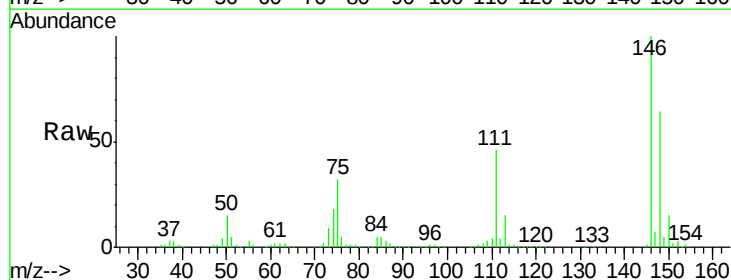
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

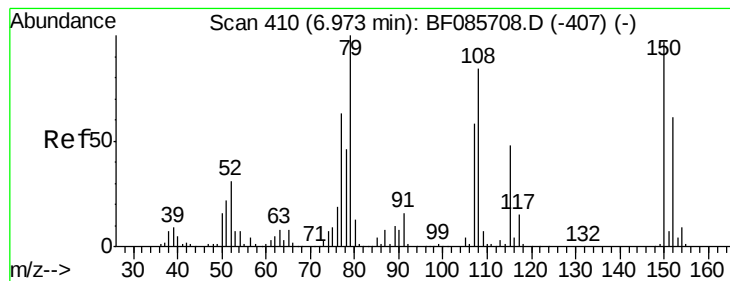
Tgt Ion:146 Resp: 394577
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 41.5 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 52.84 ng
 RT: 7.00 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion:146 Resp: 365305
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 111 46.3 34.6 52.0





#15

Benzyl Alcohol

Concen: 51.43 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

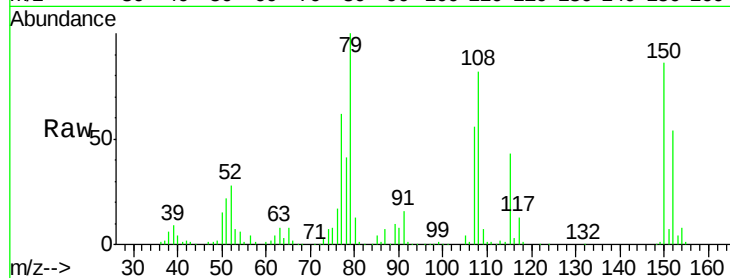
Tgt Ion: 79 Resp: 273563

Ion Ratio Lower Upper

79 100

108 81.8 61.8 92.6

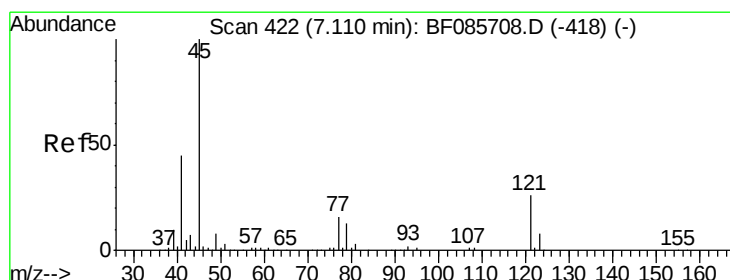
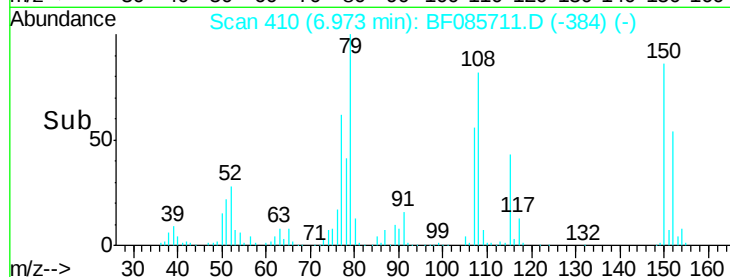
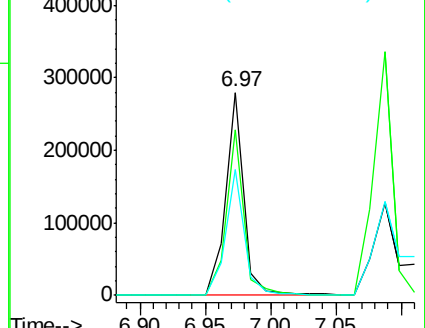
77 62.1 49.6 74.4



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: 51.38 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

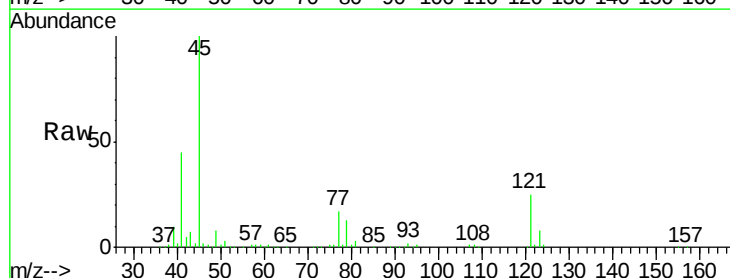
Tgt Ion: 45 Resp: 450576

Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.7

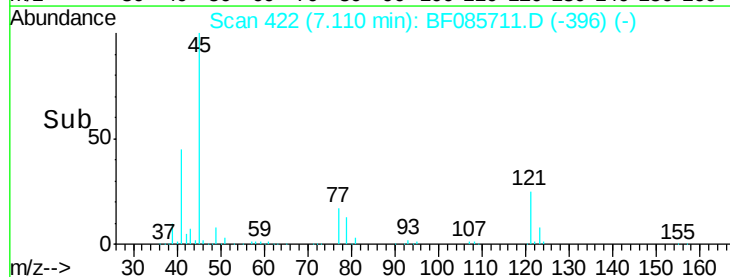
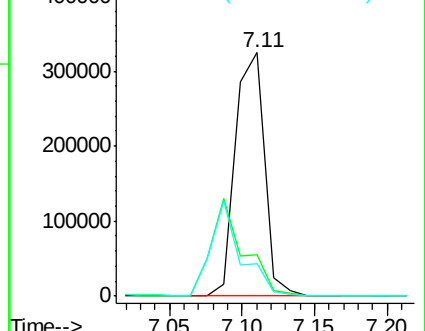
79 13.1 0.0 32.2

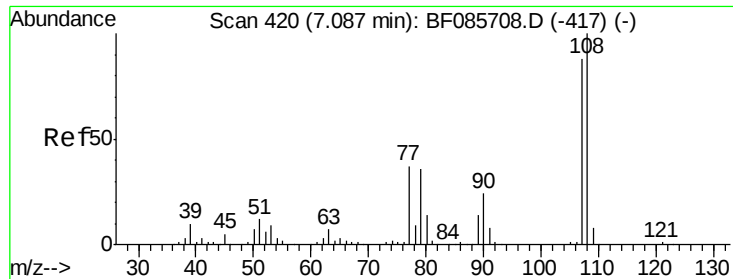


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

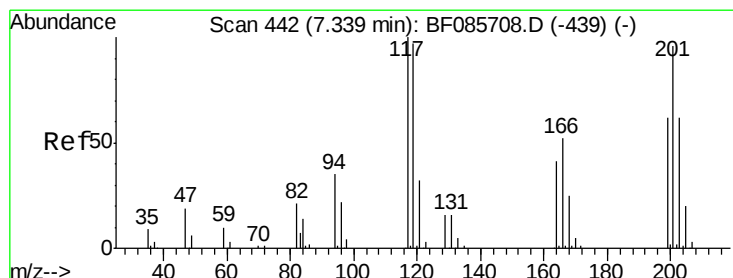
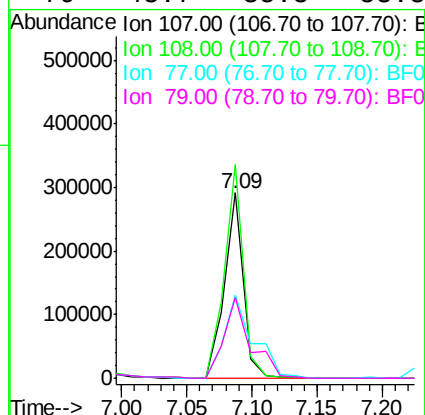
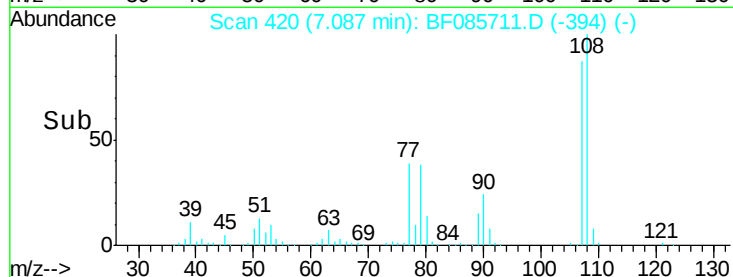
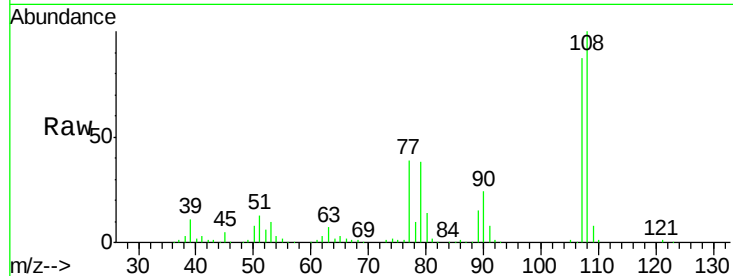




#17
2-Methylphenol
Concen: 51.00 ng
RT: 7.09 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

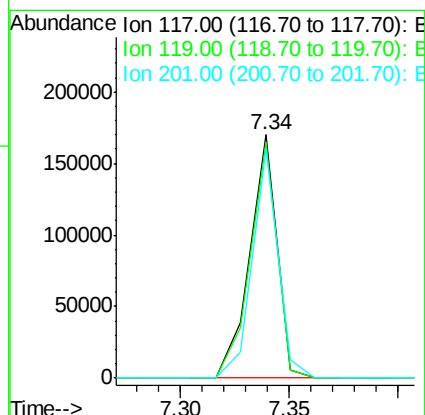
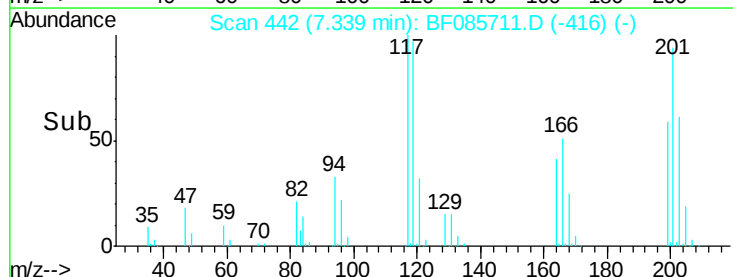
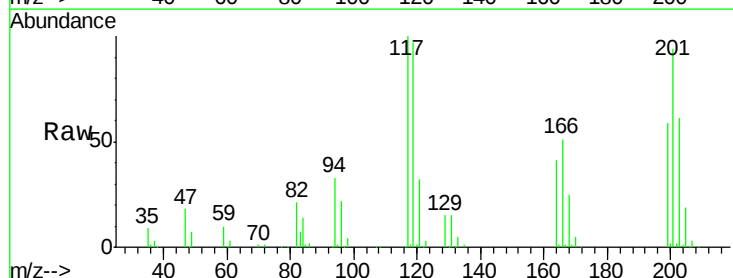
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

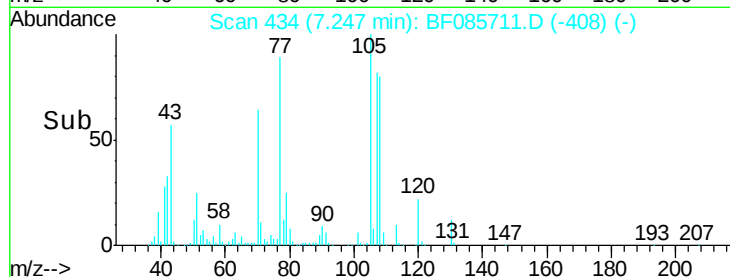
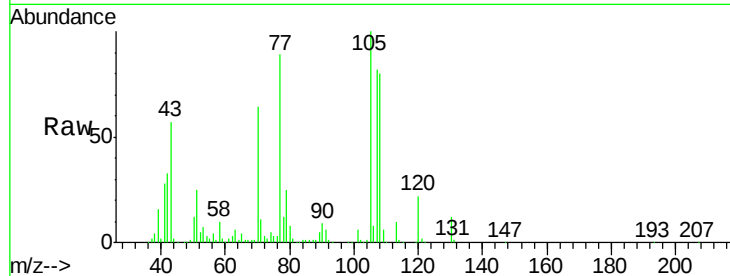
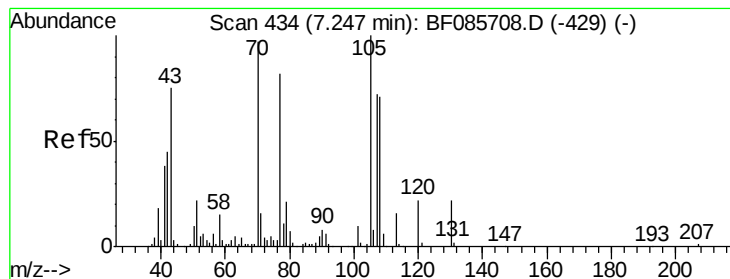
Tgt Ion:	107	Resp:	296142
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.4	137.0
77	44.7	36.2	54.2
79	43.7	35.8	53.8



#18
Hexachloroethane
Concen: 52.30 ng
RT: 7.34 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:	117	Resp:	147028
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.7	115.1
201	94.4	83.3	124.9





#19

n-Nitroso-di-n-propylamine

Concen: 46.57 ng

RT: 7.25 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 70 Resp: 216055

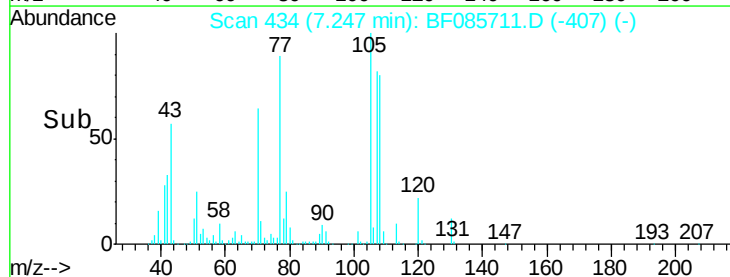
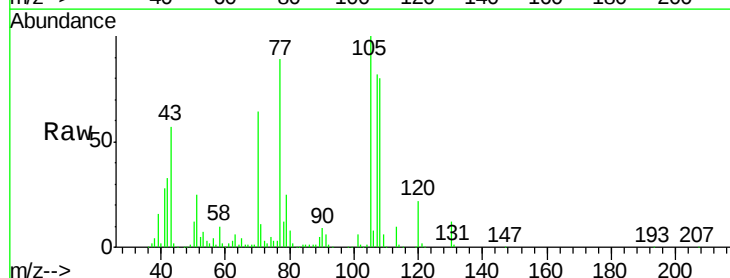
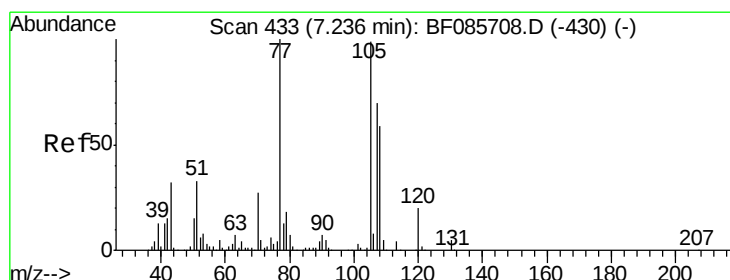
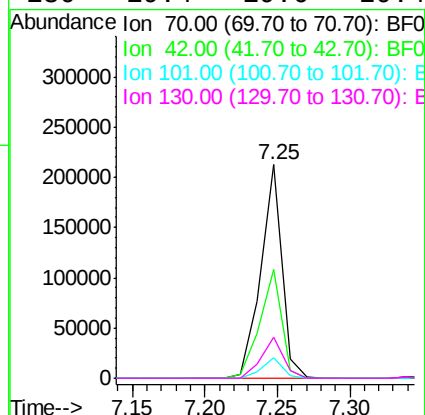
Ion Ratio Lower Upper

70 100

42 50.9 37.1 55.7

101 9.6 8.6 12.8

130 19.4 19.6 29.4#



#20

3+4-Methylphenols

Concen: 51.01 ng

RT: 7.25 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Tgt Ion: 107 Resp: 343087

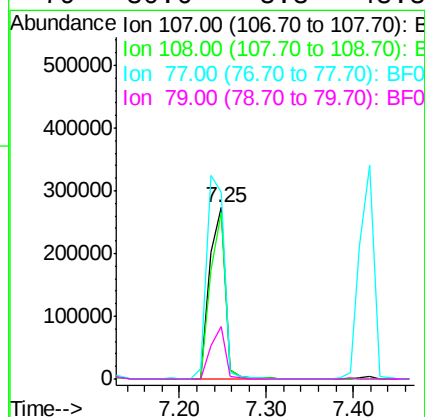
Ion Ratio Lower Upper

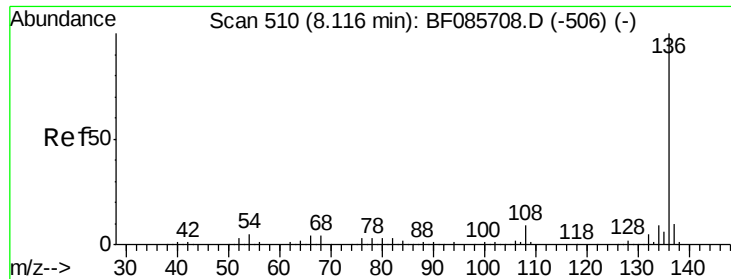
107 100

108 97.1 69.3 109.3

77 109.0 101.7 141.7

79 30.6 8.3 48.3

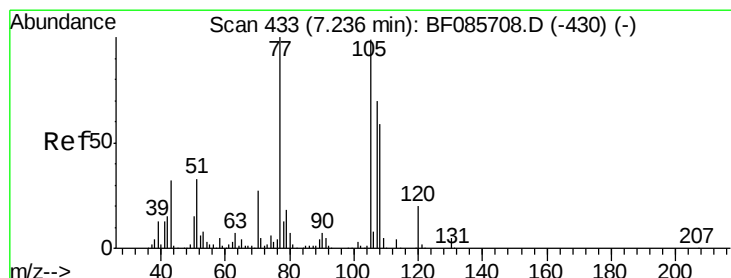
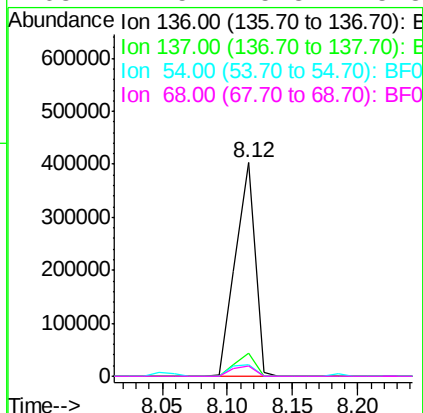
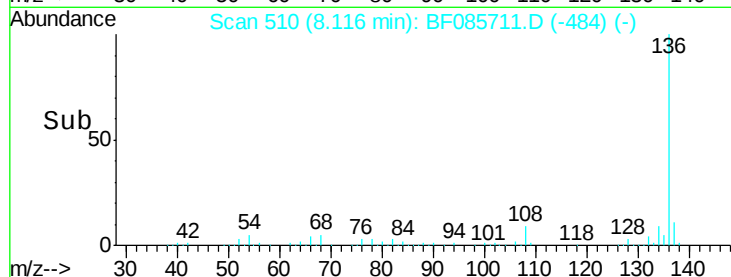
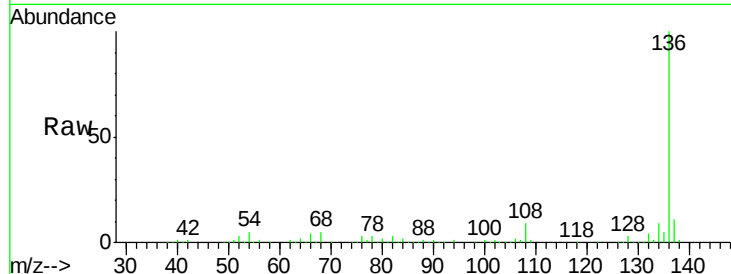




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

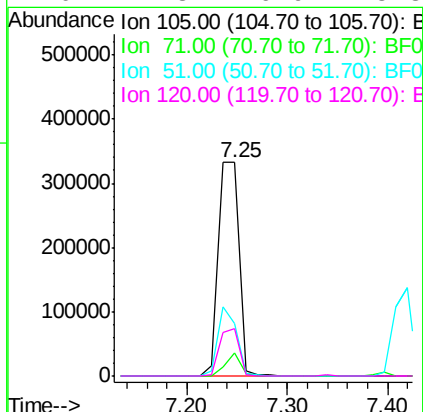
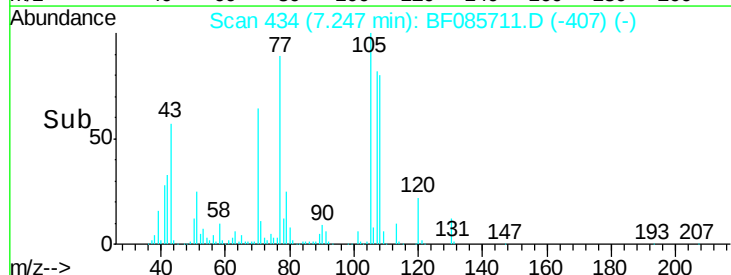
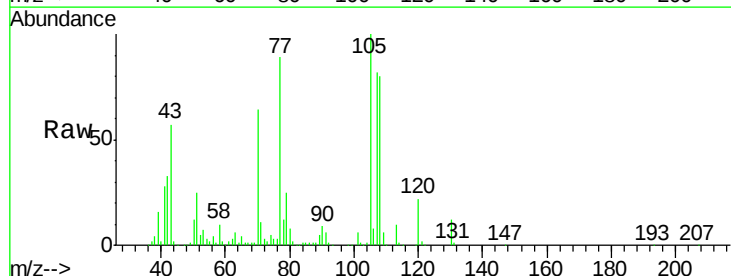
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

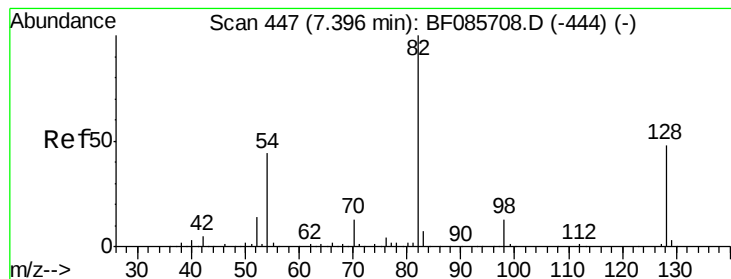
Tgt Ion:	136	Resp:	419333
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.3	7.4	11.0#
68	4.5	5.8	8.8#



#22
Acetophenone
Concen: 47.88 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:	105	Resp:	476479
Ion	Ratio	Lower	Upper
105	100		
71	10.7	3.6	5.4#
51	24.7	25.4	38.0#
120	22.3	16.9	25.3





#23

Nitrobenzene-d5

Concen: 96.97 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

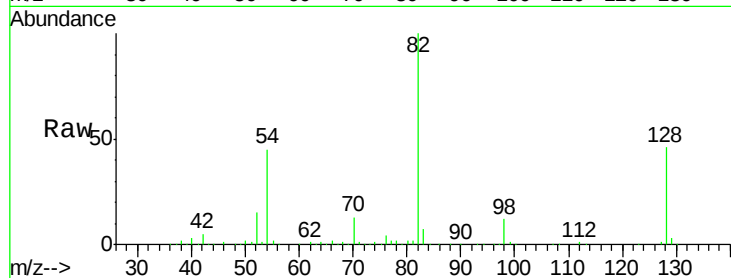
Tgt Ion: 82 Resp: 700510

Ion Ratio Lower Upper

82 100

128 45.7 41.8 62.8

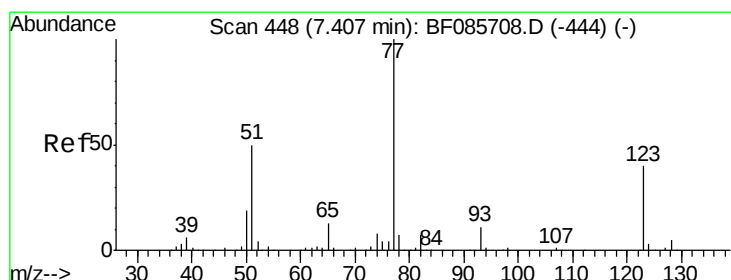
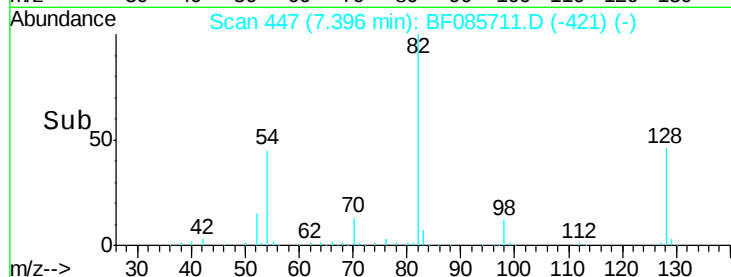
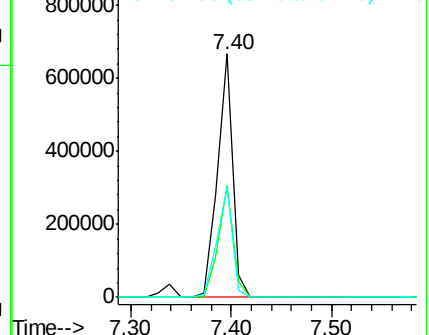
54 45.1 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.32 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

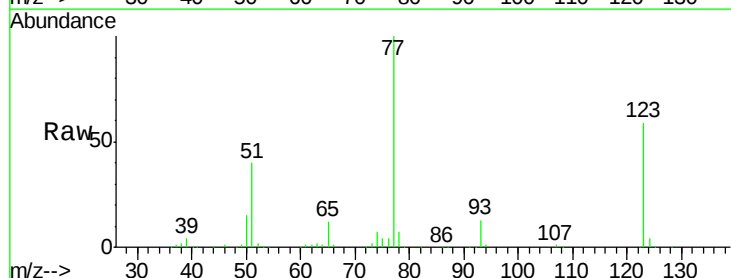
Tgt Ion: 77 Resp: 389999

Ion Ratio Lower Upper

77 100

123 59.1 35.0 52.4#

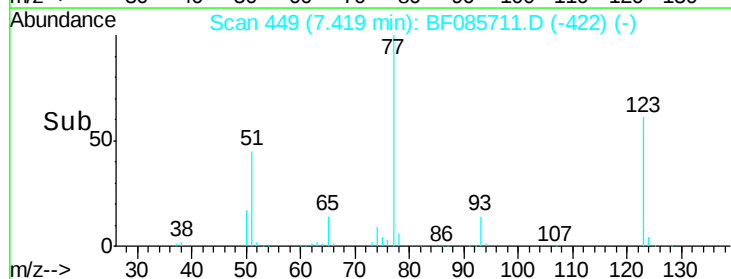
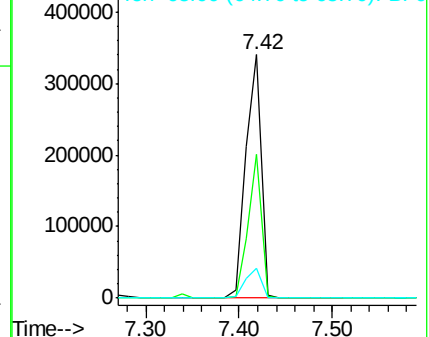
65 12.0 10.6 16.0

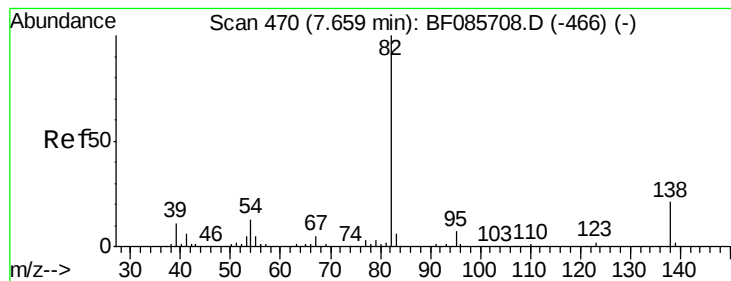


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.82 ng

RT: 7.66 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

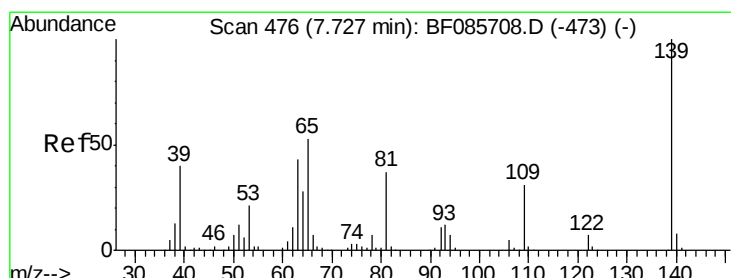
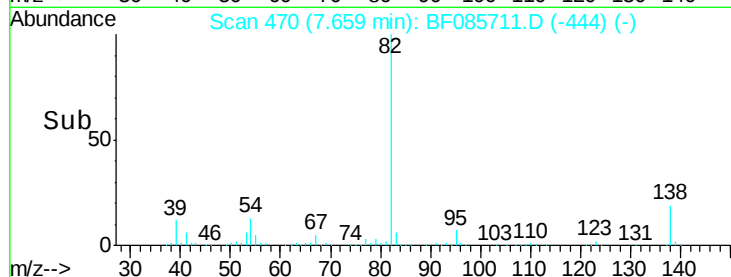
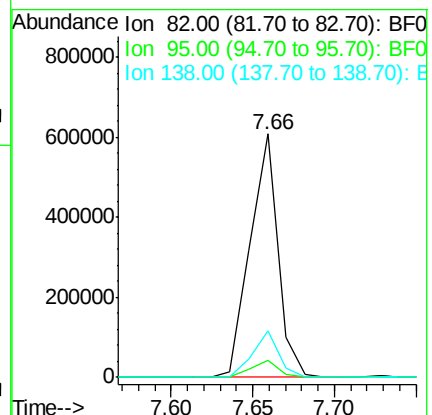
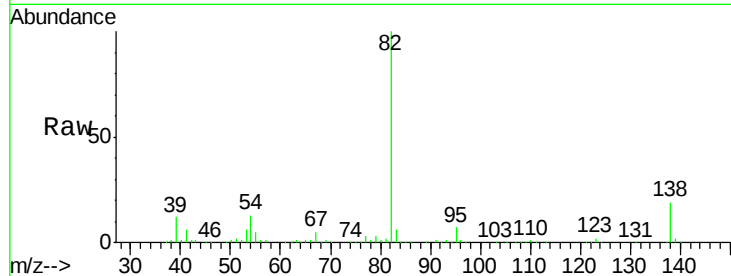
Tgt Ion: 82 Resp: 720622

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 19.2 12.9 19.3



#26

2-Nitrophenol

Concen: 46.82 ng

RT: 7.73 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

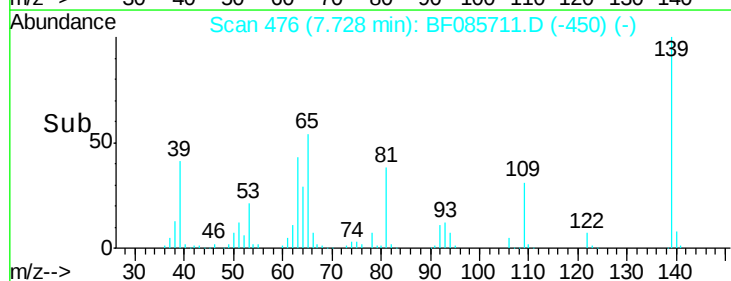
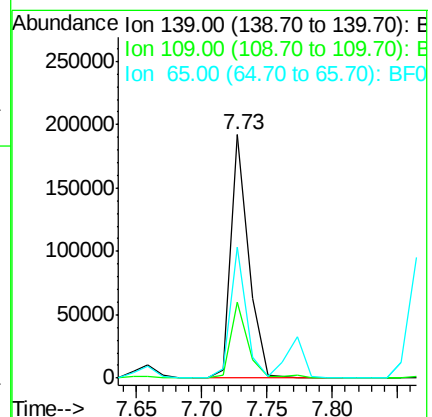
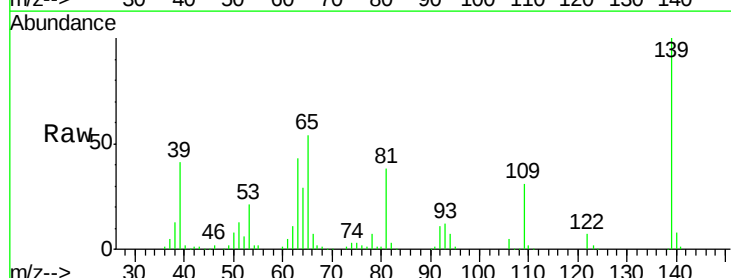
Tgt Ion: 139 Resp: 182980

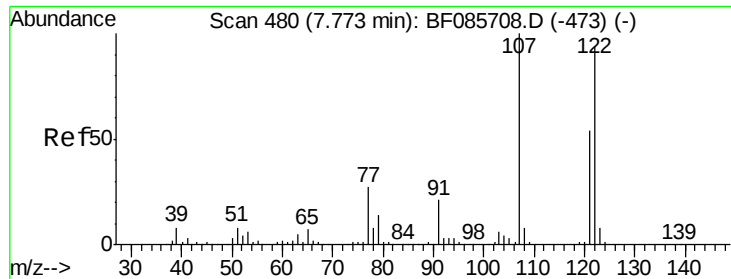
Ion Ratio Lower Upper

139 100

109 31.2 22.1 33.1

65 53.8 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 51.18 ng

RT: 7.77 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

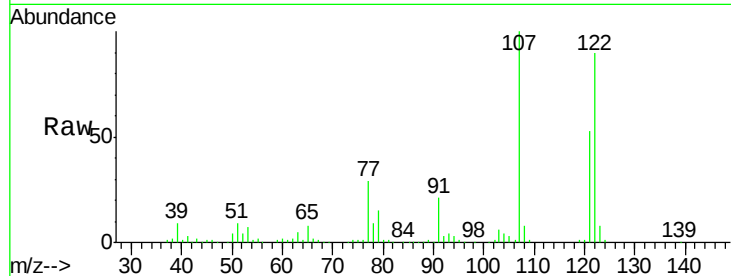
Tgt Ion:122 Resp: 353735

Ion Ratio Lower Upper

122 100

107 110.9 93.0 139.6

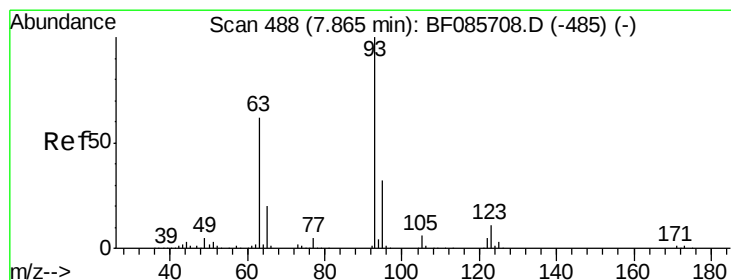
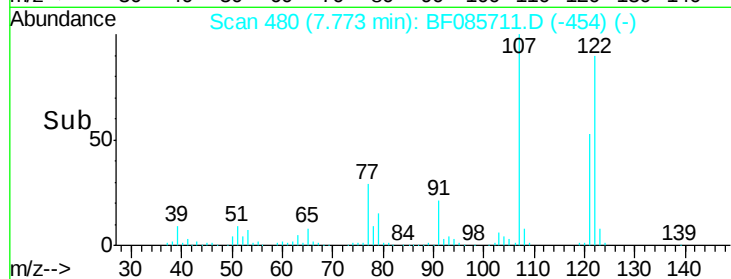
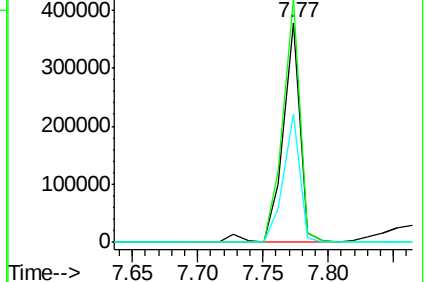
121 58.6 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.58 ng

RT: 7.86 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

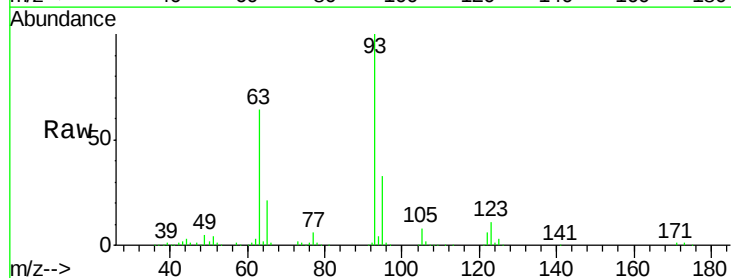
Tgt Ion: 93 Resp: 391458

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

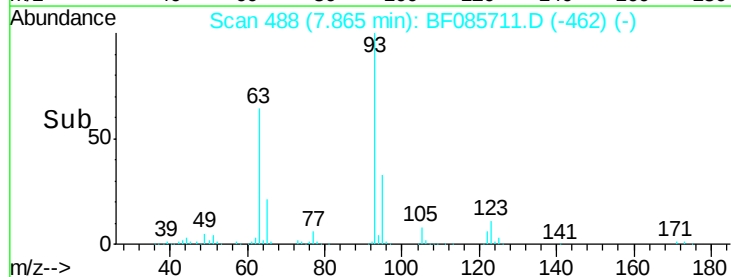
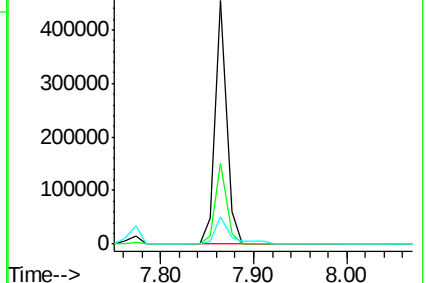
123 11.1 9.8 14.6

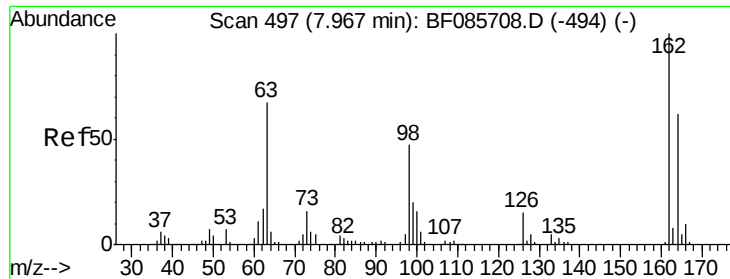


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

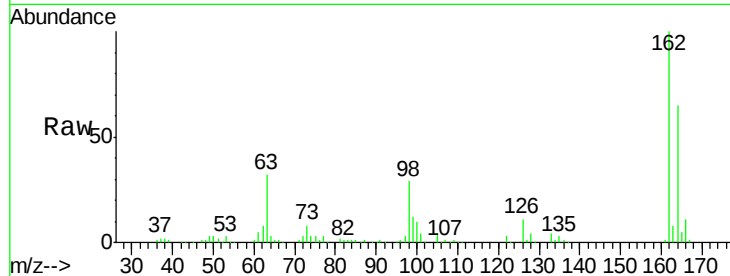




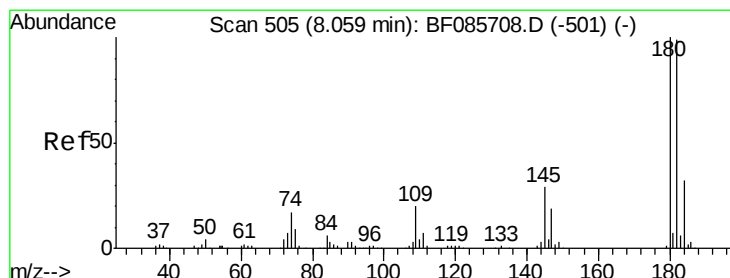
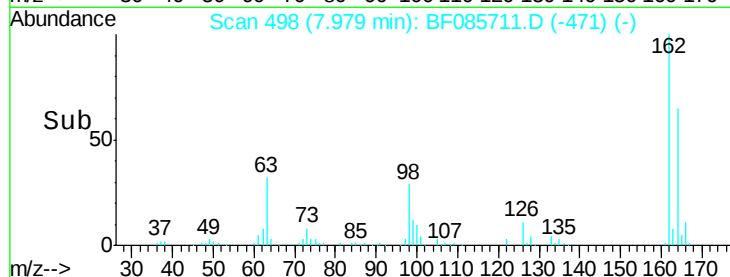
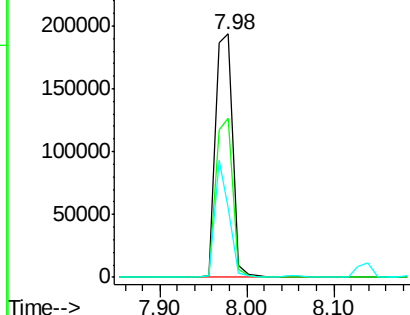
#29
2,4-Dichlorophenol
Concen: 47.85 ng
RT: 7.98 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:162 Resp: 273071
Ion Ratio Lower Upper
162 100
164 65.1 43.7 83.7
98 28.5 20.4 60.4

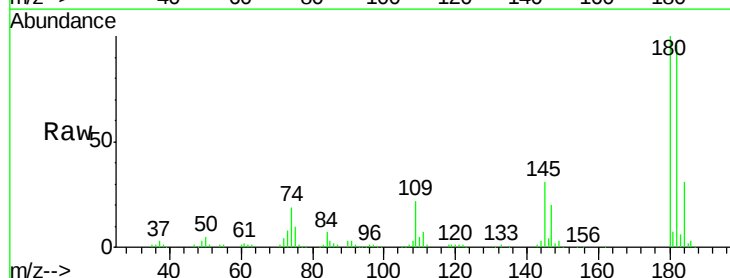


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

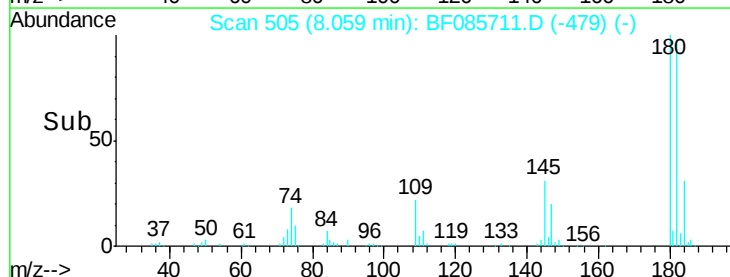
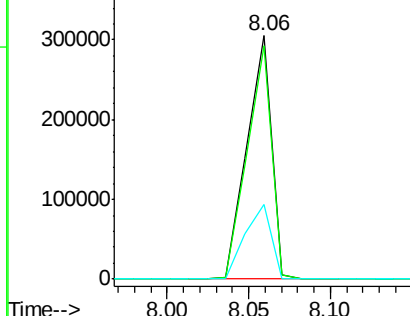


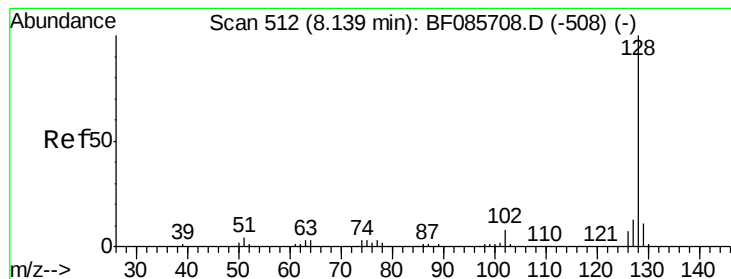
#30
1,2,4-Trichlorobenzene
Concen: 49.88 ng
RT: 8.06 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:180 Resp: 318894
Ion Ratio Lower Upper
180 100
182 96.0 73.8 110.8
145 30.5 28.4 42.6



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: 49.25 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

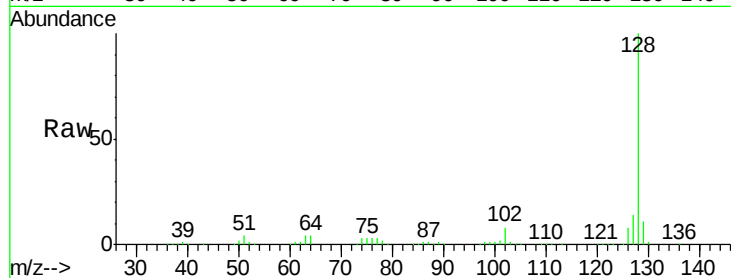
Tgt Ion:128 Resp: 1042431

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

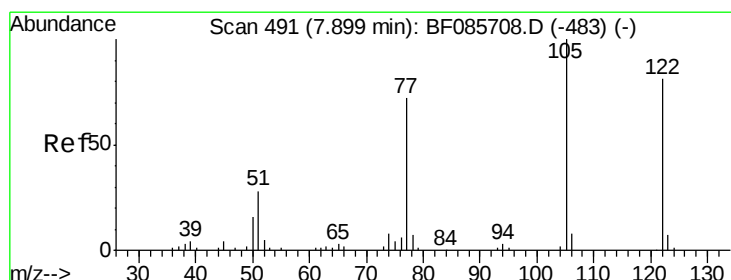
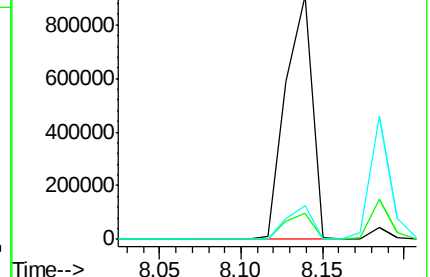
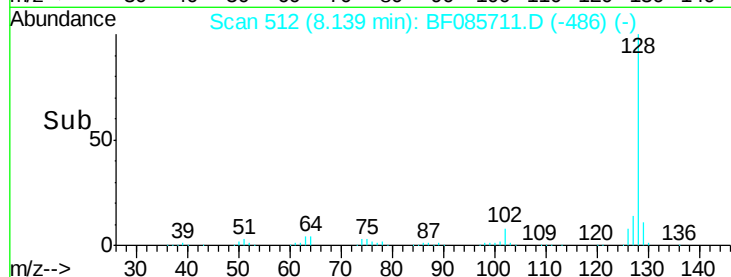
127 13.7 11.0 16.6



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: 43.88 ng

RT: 7.91 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

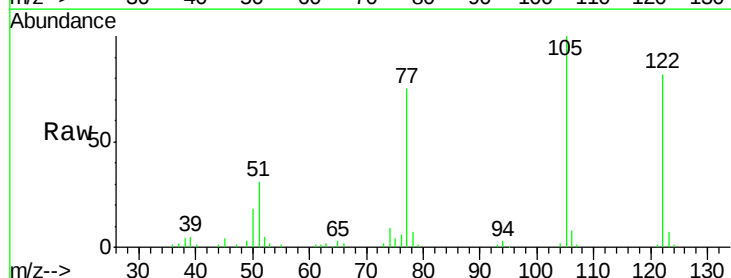
Tgt Ion:122 Resp: 253551

Ion Ratio Lower Upper

122 100

105 121.3 102.9 142.9

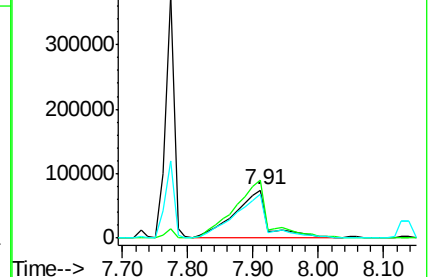
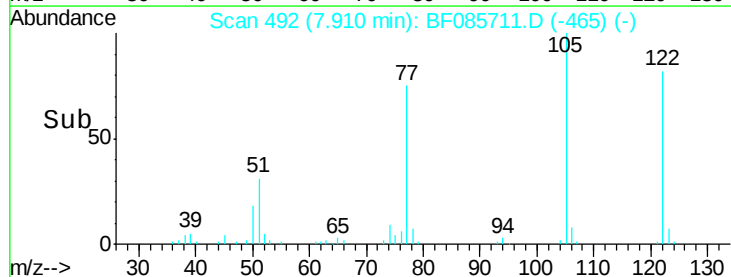
77 91.2 71.8 111.8

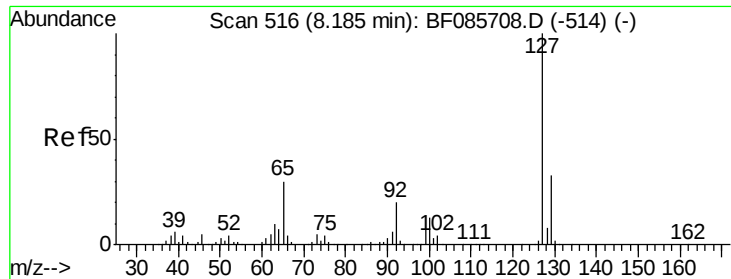


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

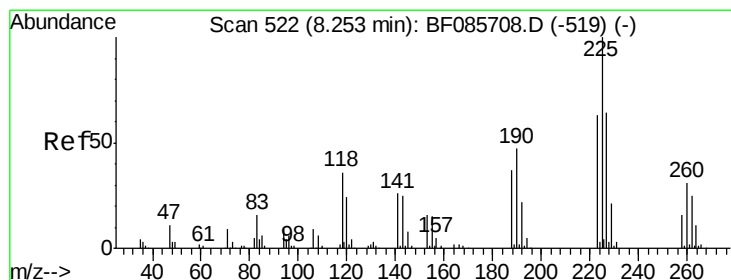
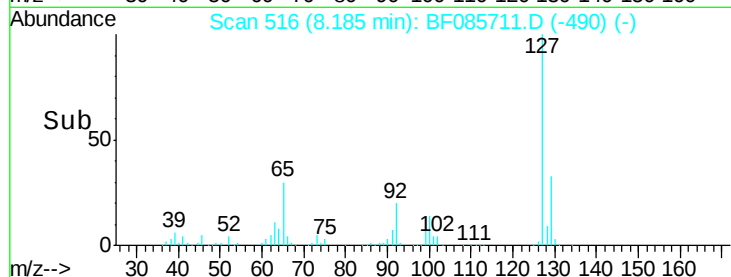
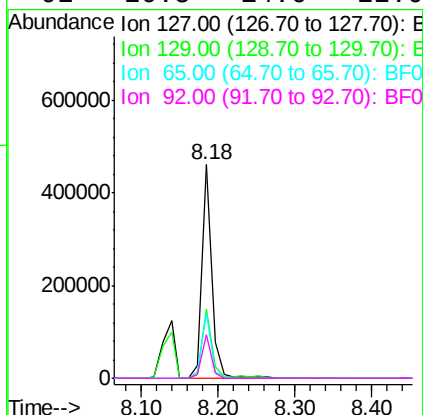
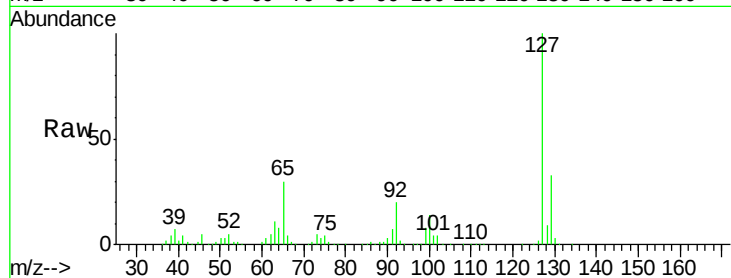




#33
4-Chloroaniline
Concen: 46.59 ng
RT: 8.18 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

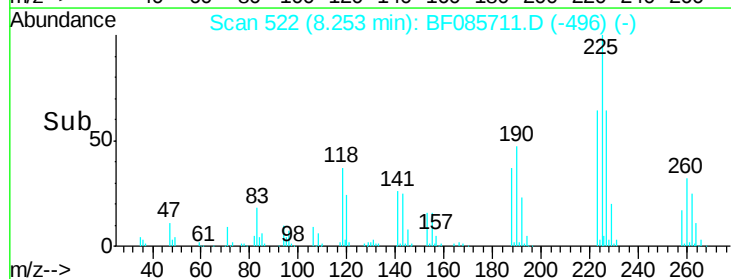
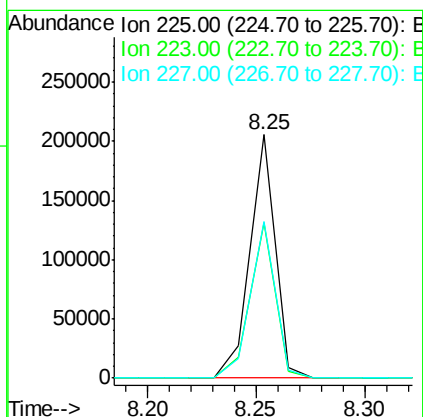
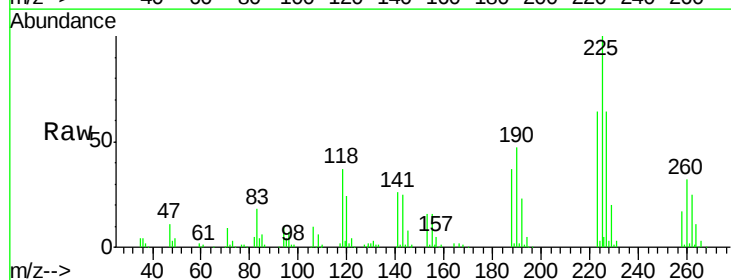
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

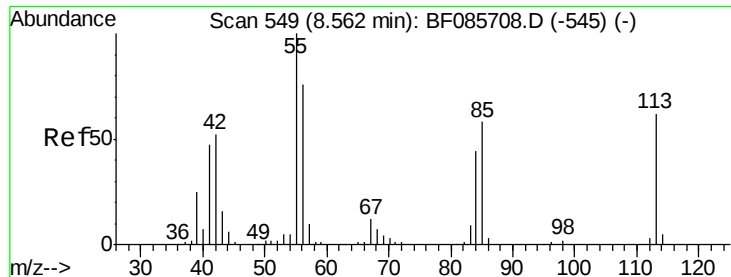
Tgt Ion:	127	Resp:	404156
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.4	19.5	29.3
92	20.5	14.6	22.0



#34
Hexachlorobutadiene
Concen: 48.80 ng
RT: 8.25 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:	225	Resp:	166253
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	64.3	51.4	77.2

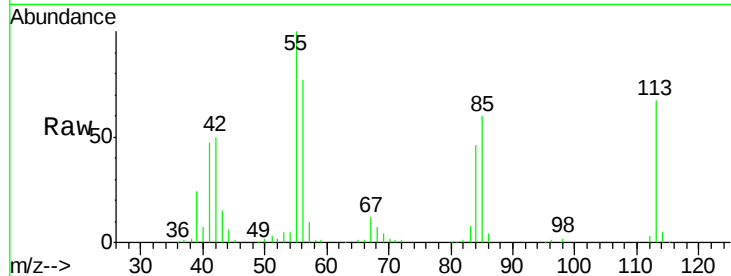




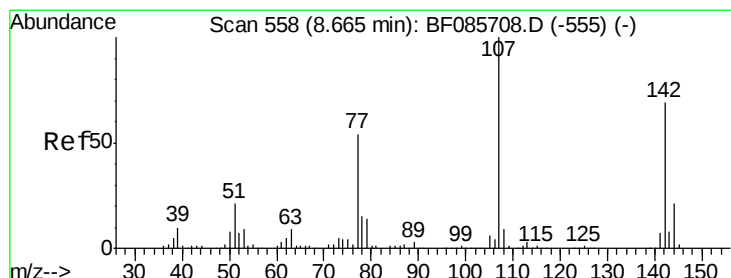
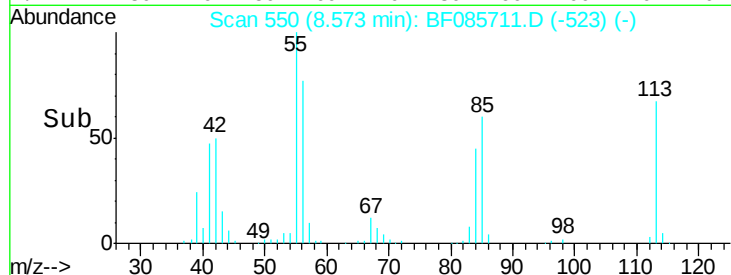
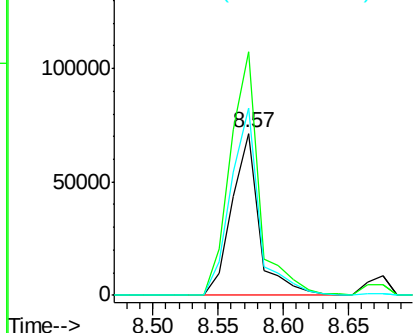
#35
Caprolactam
Concen: 52.69 ng
RT: 8.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 103477
Ion Ratio Lower Upper
113 100
55 150.0 139.4 179.4
56 115.3 100.4 140.4

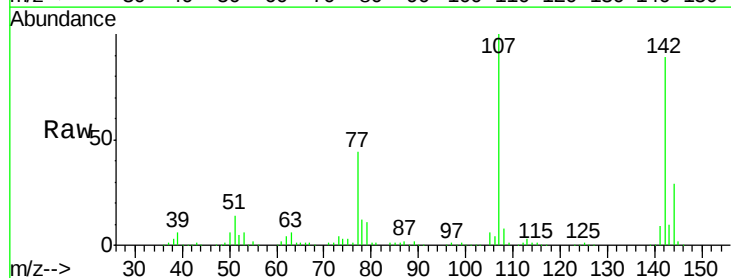


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

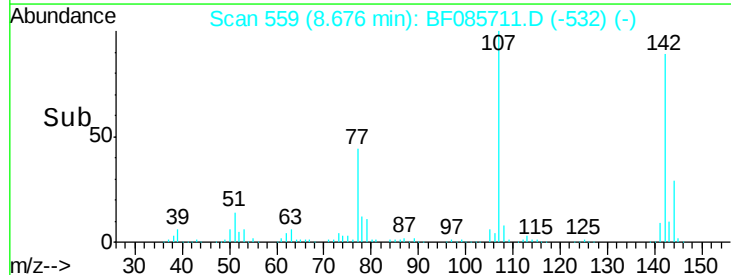
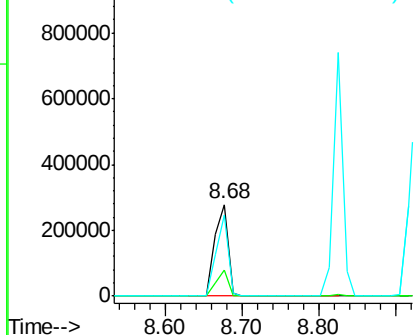


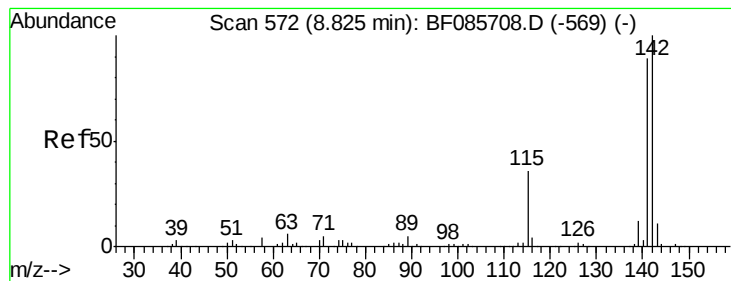
#36
4-Chloro-3-methylphenol
Concen: 50.36 ng
RT: 8.68 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:107 Resp: 335654
Ion Ratio Lower Upper
107 100
144 28.9 19.3 28.9
142 88.7 61.4 92.0



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





#37

2-Methylnaphthalene

Concen: 48.09 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

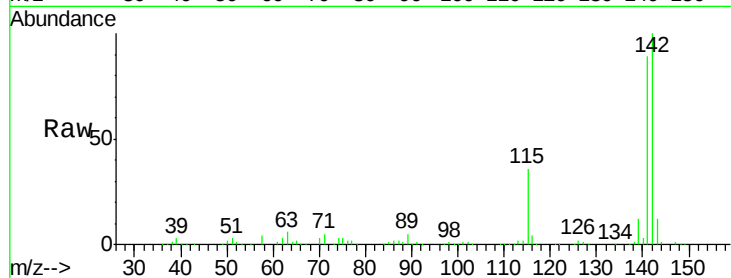
Tgt Ion:142 Resp: 620415

Ion Ratio Lower Upper

142 100

141 88.9 71.6 107.4

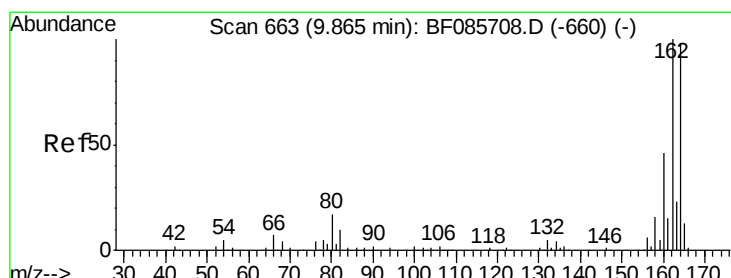
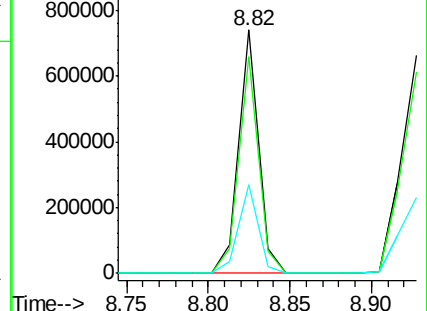
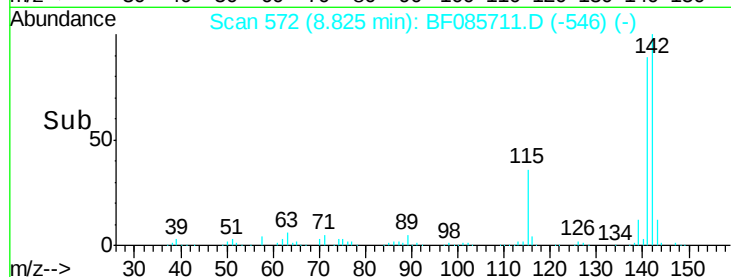
115 36.5 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

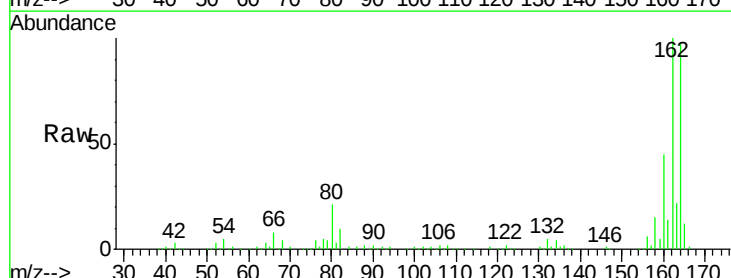
Tgt Ion:164 Resp: 197744

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

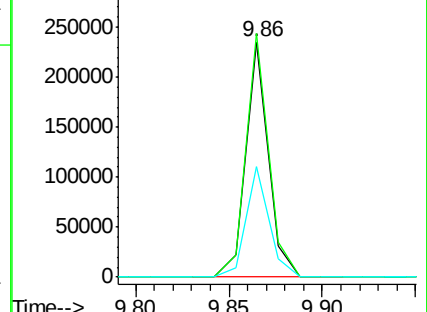
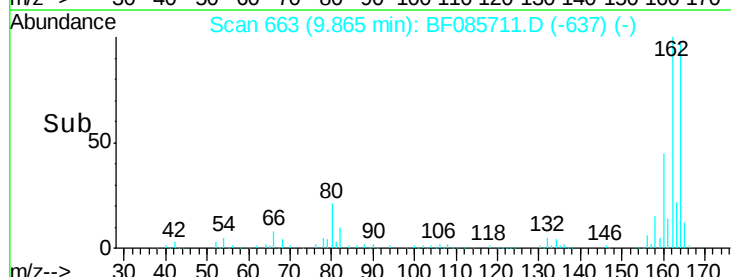
160 46.9 37.4 56.2

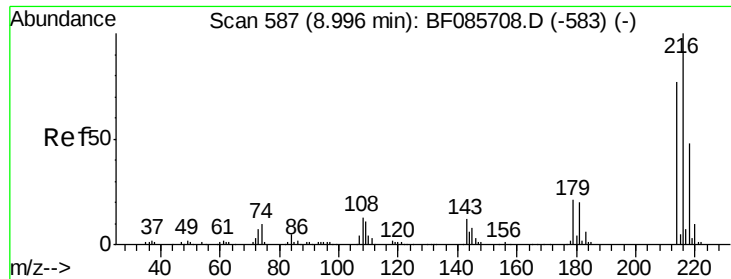


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

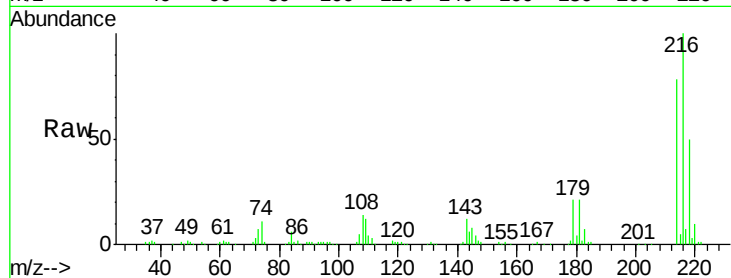




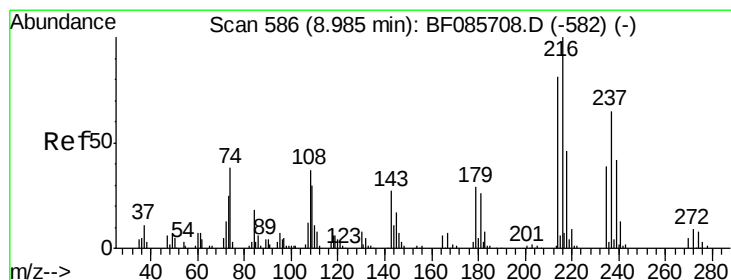
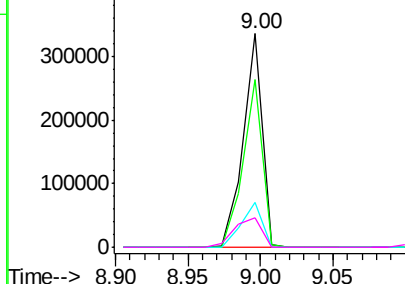
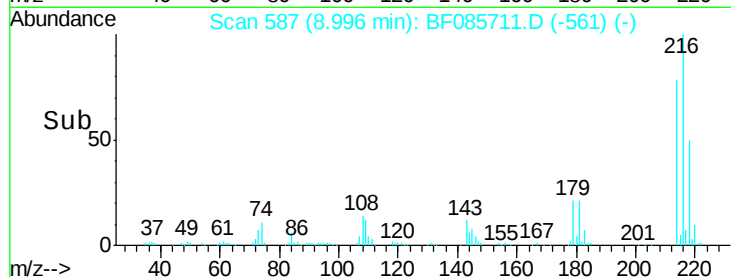
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.87 ng
 RT: 9.00 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	216	Resp:	305153
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.1	94.7
179	22.8	18.2	27.2
108	20.4	17.3	25.9

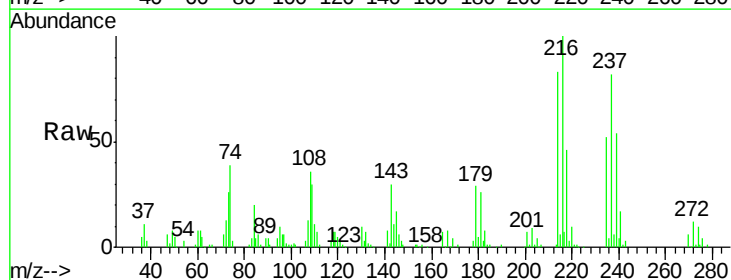


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

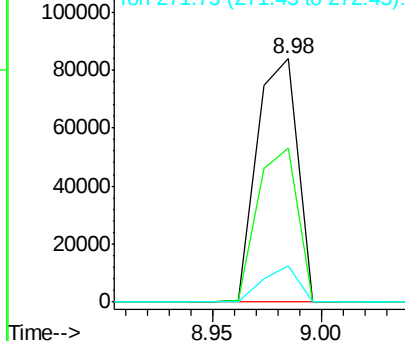
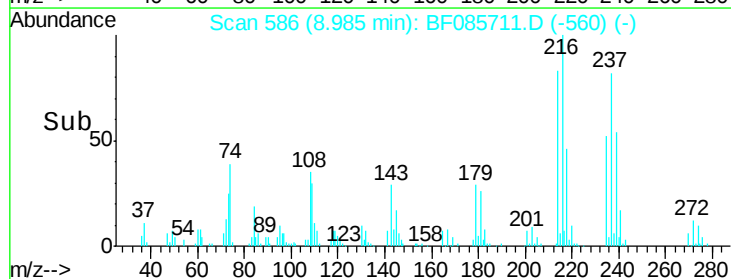


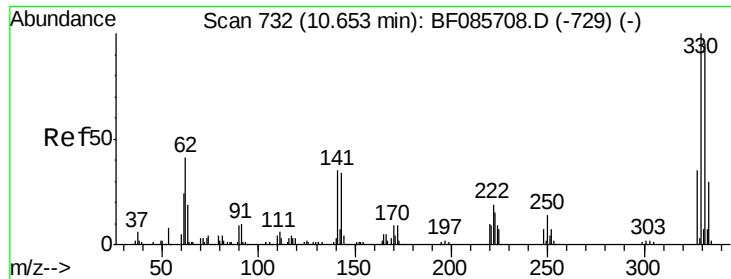
#40
 Hexachlorocyclopentadiene
 Concen: 40.46 ng
 RT: 8.98 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion:	237	Resp:	109388
Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.7	83.7
272	14.8	0.0	31.9



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

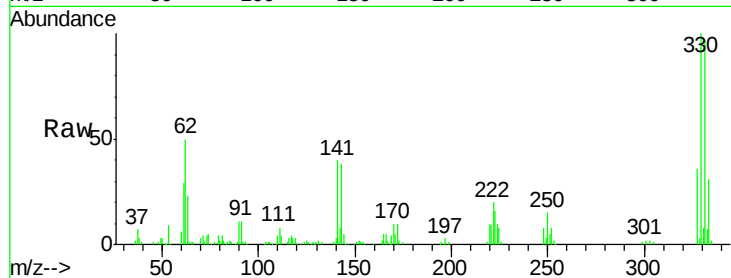




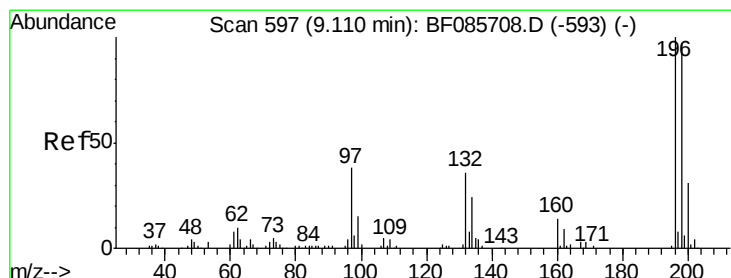
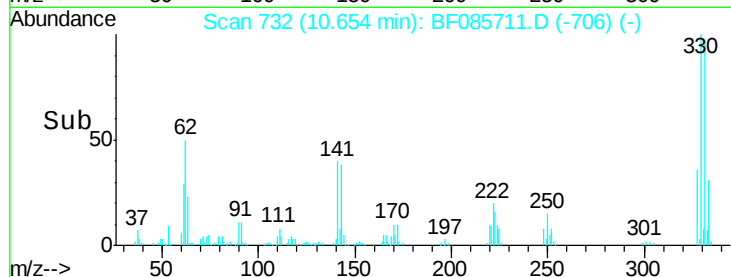
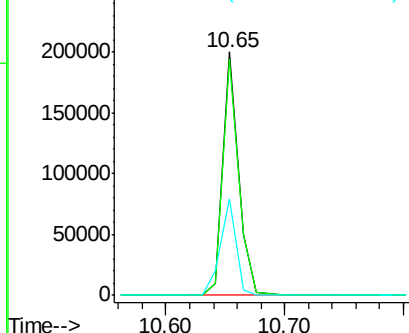
#41
 2,4,6-Tribromophenol
 Concen: 93.74 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 181577
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 40.3 31.5 47.3

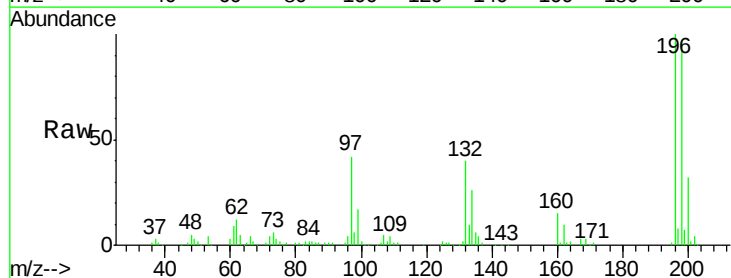


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

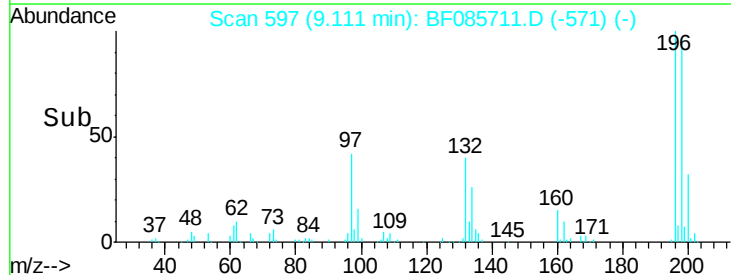
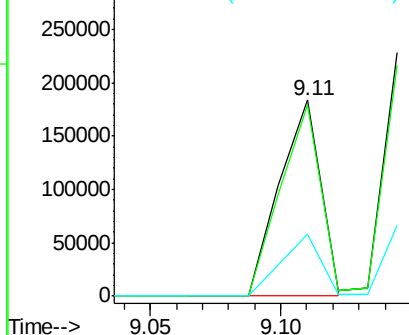


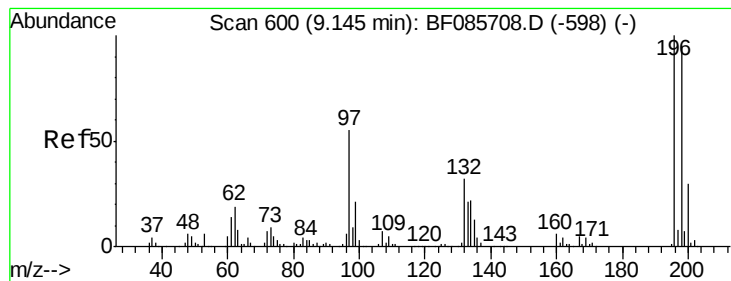
#42
 2,4,6-Trichlorophenol
 Concen: 48.84 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion:196 Resp: 200555
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.3 112.9
 200 31.8 23.7 35.5



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

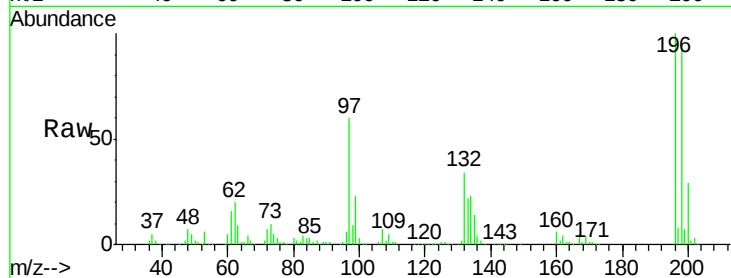




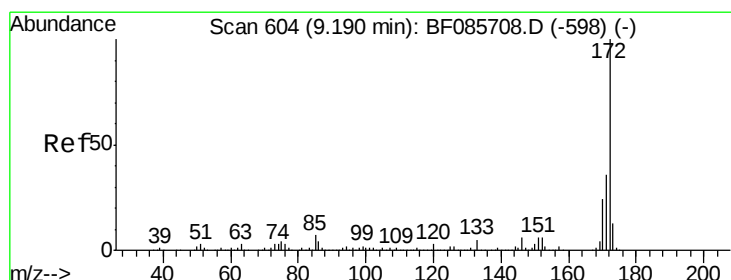
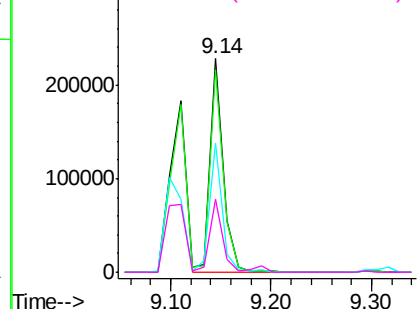
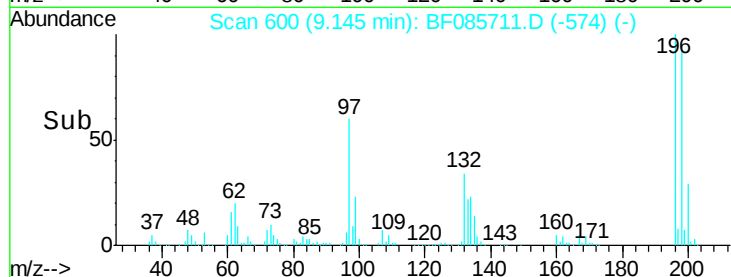
#43
 2,4,5-Trichlorophenol
 Concen: 49.39 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 206375
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 114.8
 97 60.3 30.5 45.7#
 132 34.0 20.2 30.2#

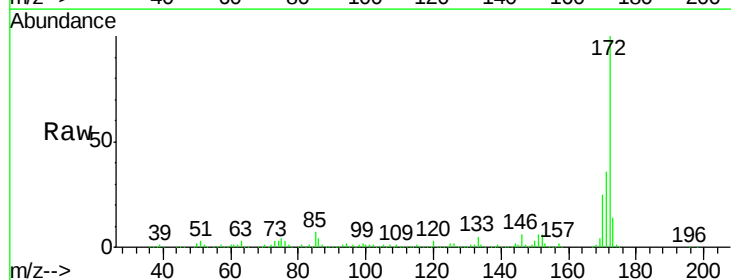


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

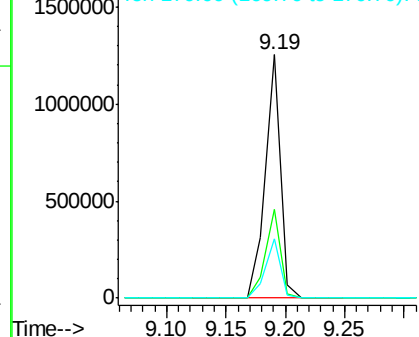
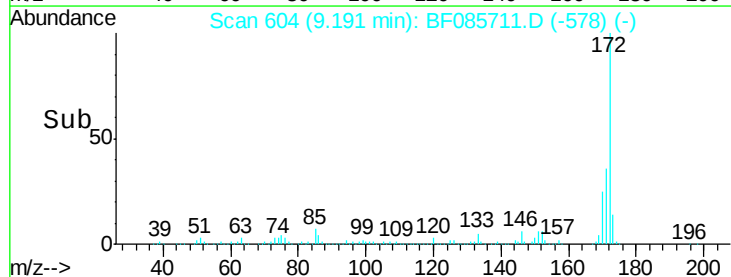


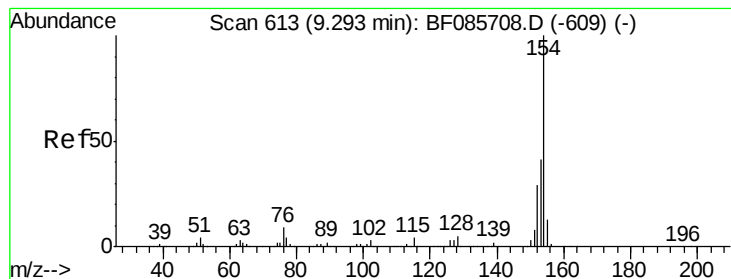
#44
 2-Fluorobiphenyl
 Concen: 91.24 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion:172 Resp: 1127916
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.6 19.8 29.6



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





#45

1,1'-Biphenyl

Concen: 49.91 ng

RT: 9.29 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

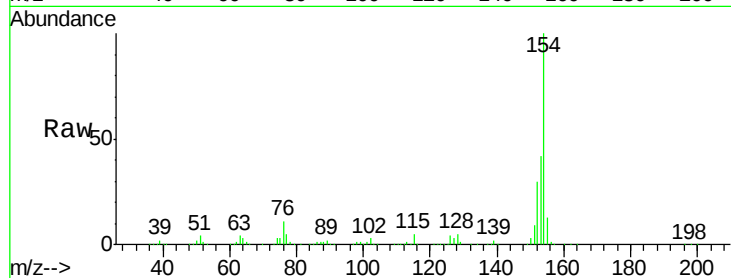
Tgt Ion:154 Resp: 851412

Ion Ratio Lower Upper

154 100

153 41.6 20.8 60.8

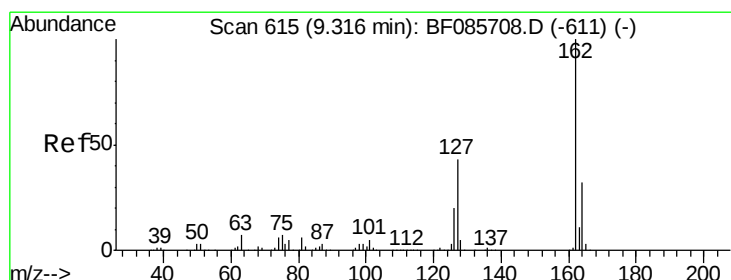
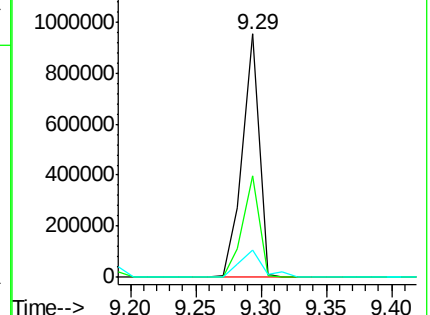
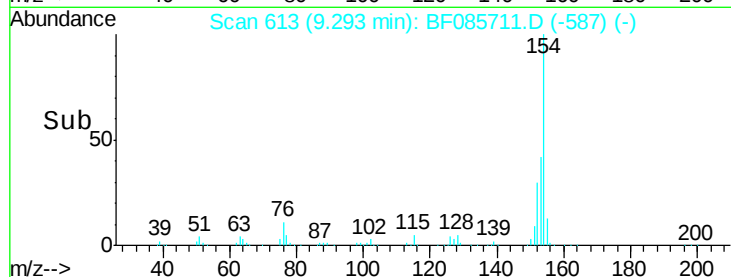
76 11.3 0.0 36.7



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: 50.53 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

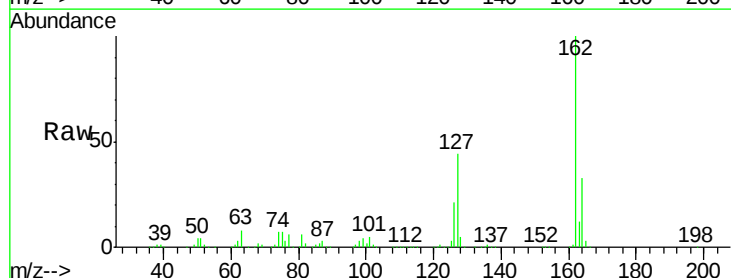
Tgt Ion:162 Resp: 629591

Ion Ratio Lower Upper

162 100

127 44.3 31.7 47.5

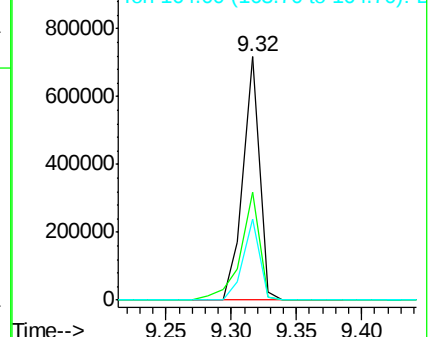
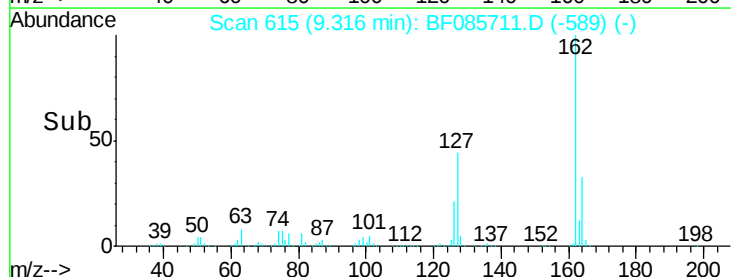
164 33.2 27.3 40.9

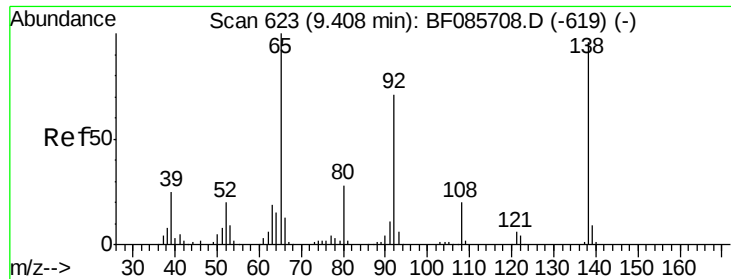


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

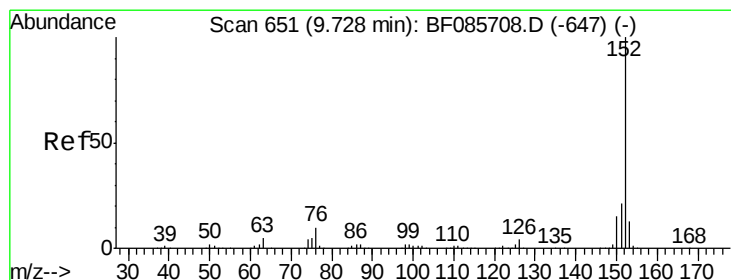
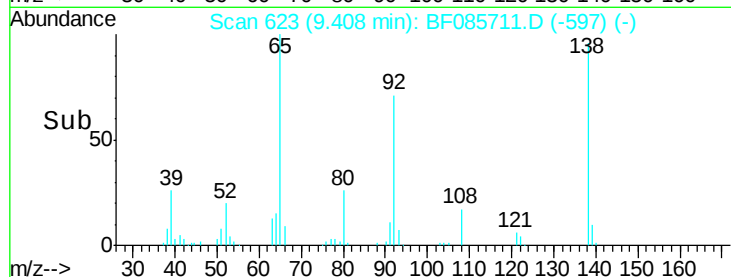
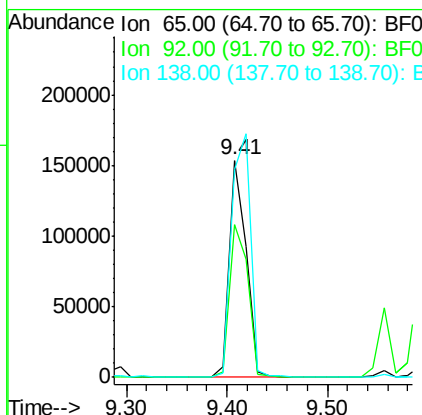
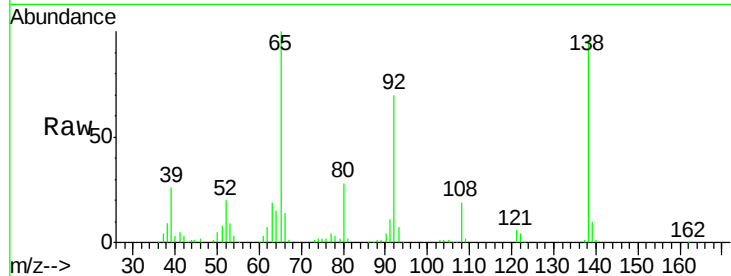




#47
 2-Nitroaniline
 Concen: 47.49 ng
 RT: 9.41 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

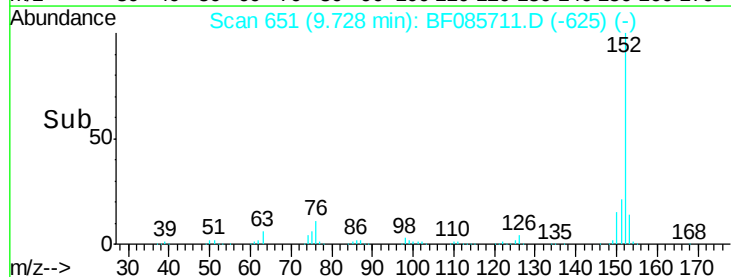
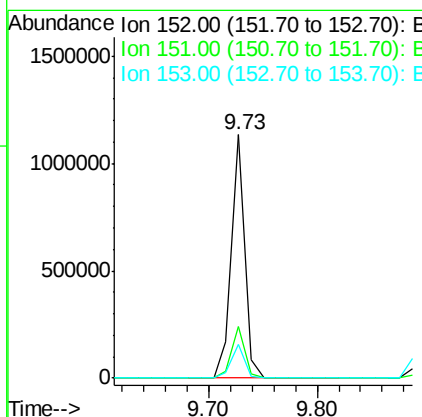
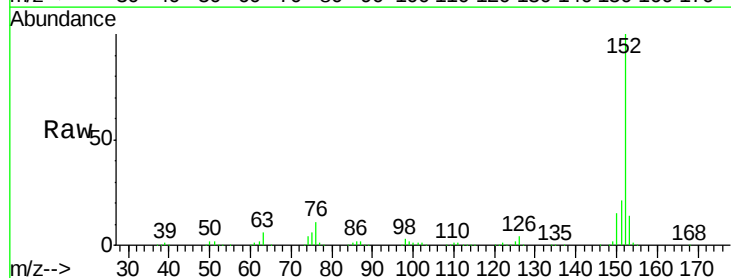
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

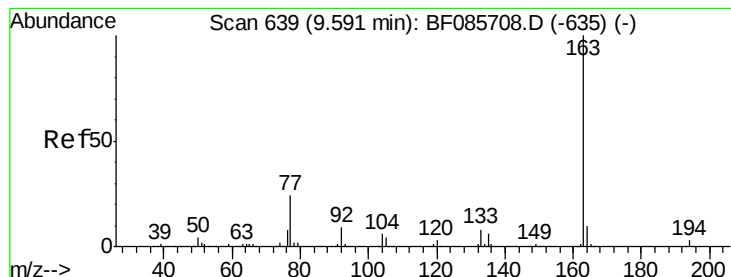
Tgt Ion: 65 Resp: 179003
 Ion Ratio Lower Upper
 65 100
 92 70.4 59.7 89.5
 138 95.7 91.4 137.0



#48
 Acenaphthylene
 Concen: 47.55 ng
 RT: 9.73 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion: 152 Resp: 958922
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.8 25.2
 153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 48.56 ng

RT: 9.59 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

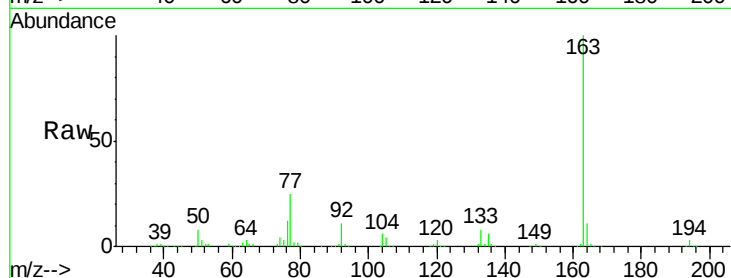
Tgt Ion:163 Resp: 724615

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

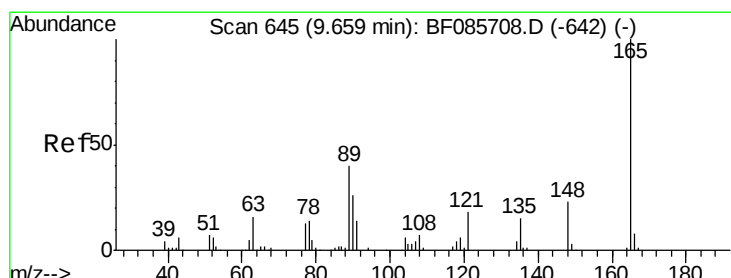
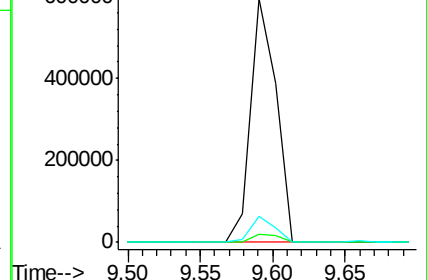
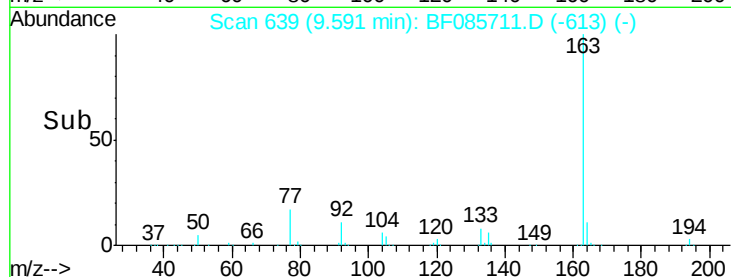
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 57.23 ng

RT: 9.66 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

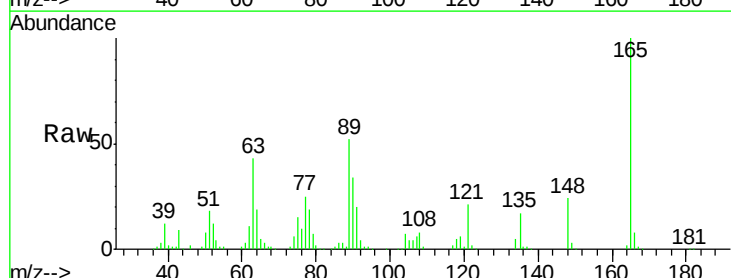
Tgt Ion:165 Resp: 180291

Ion Ratio Lower Upper

165 100

63 42.5 51.8 77.8#

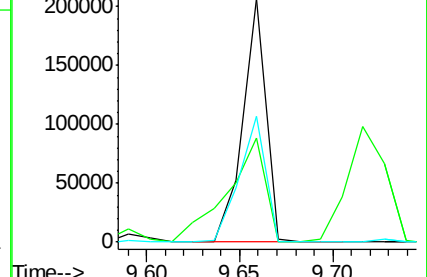
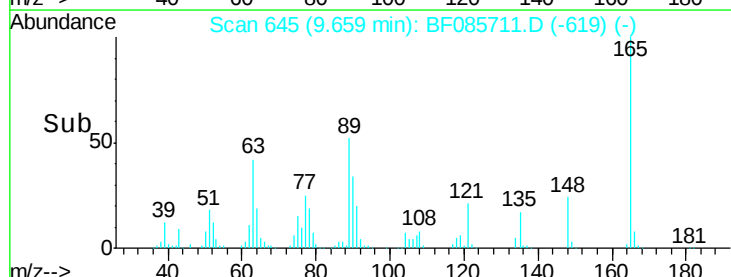
89 51.5 53.7 80.5#

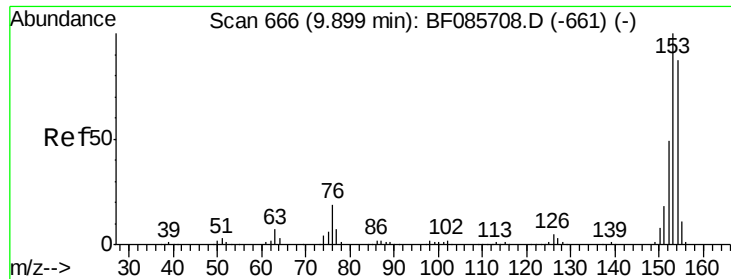


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.23 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

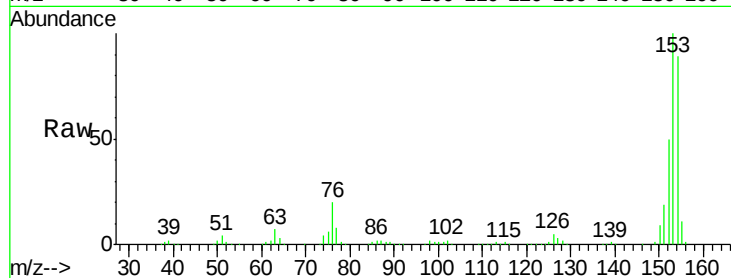
Tgt Ion:154 Resp: 597643

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

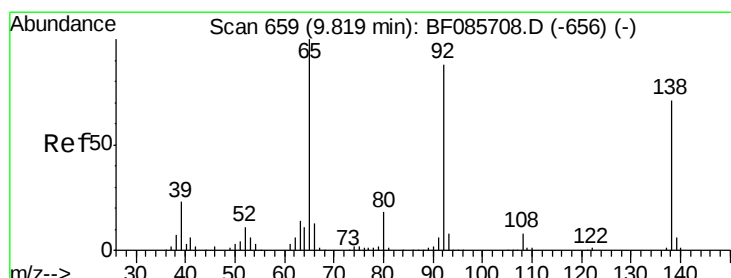
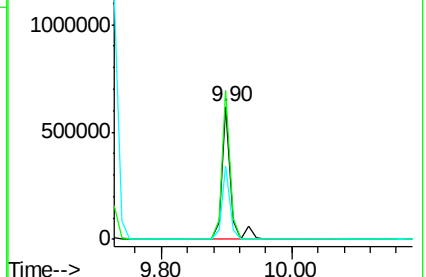
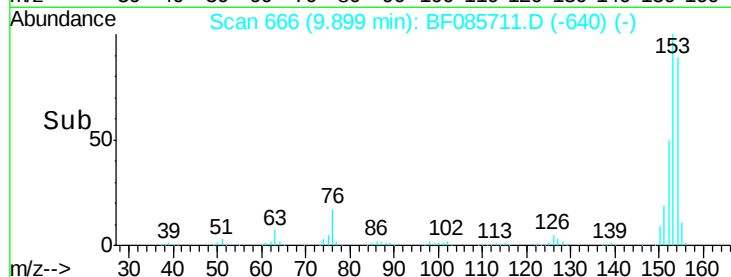
152 55.6 44.2 66.2



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: 49.72 ng

RT: 9.83 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

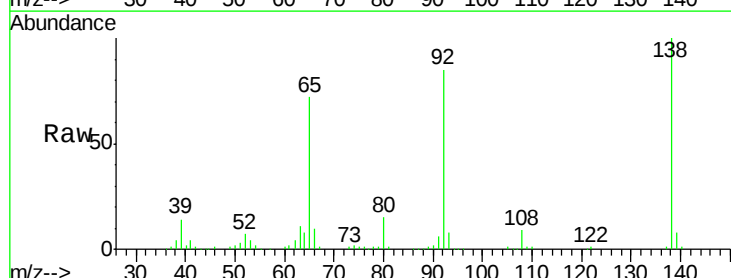
Tgt Ion:138 Resp: 196162

Ion Ratio Lower Upper

138 100

108 8.9 8.7 13.1

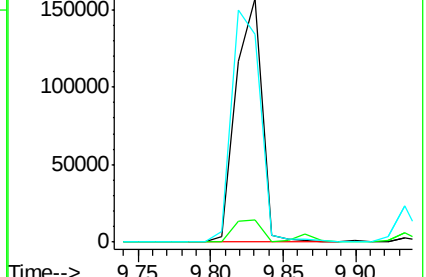
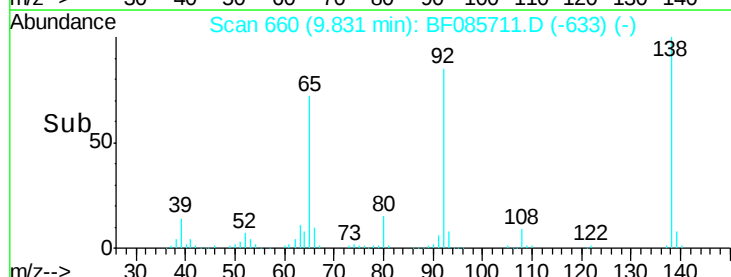
92 85.2 93.3 139.9#

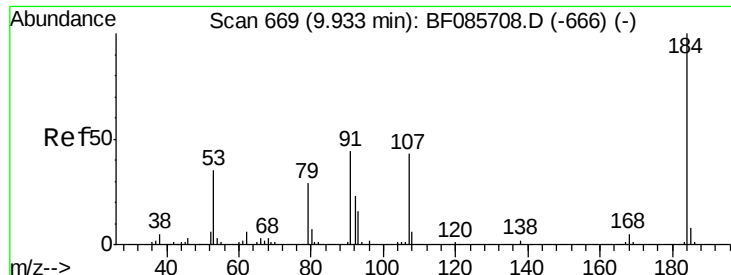


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

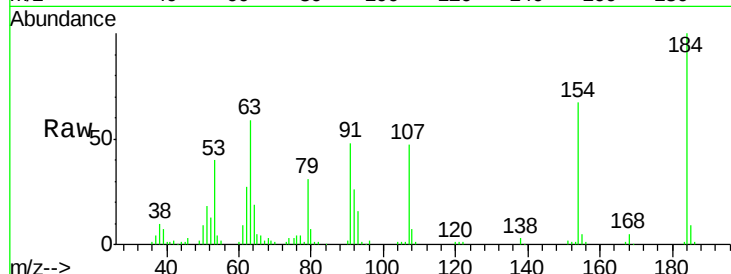




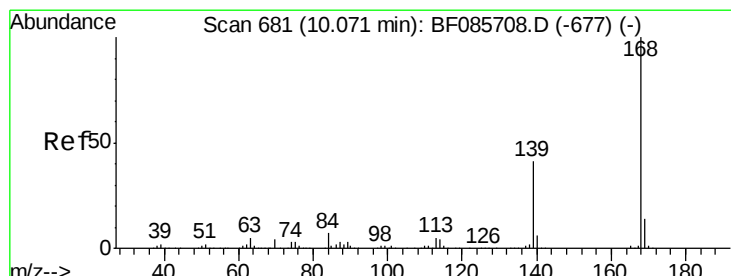
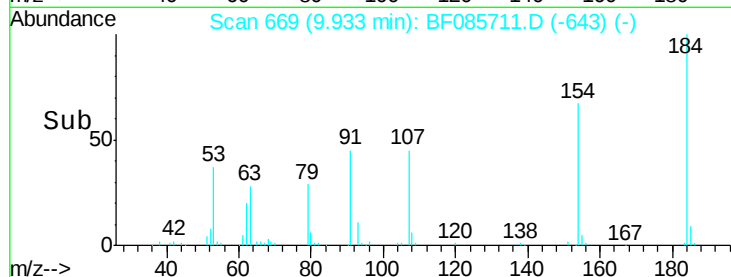
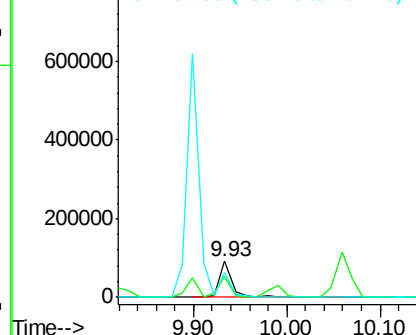
#53
2,4-Dinitrophenol
Concen: 43.28 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:184 Resp: 83514
Ion Ratio Lower Upper
184 100
63 59.1 69.5 104.3#
154 66.9 58.3 87.5

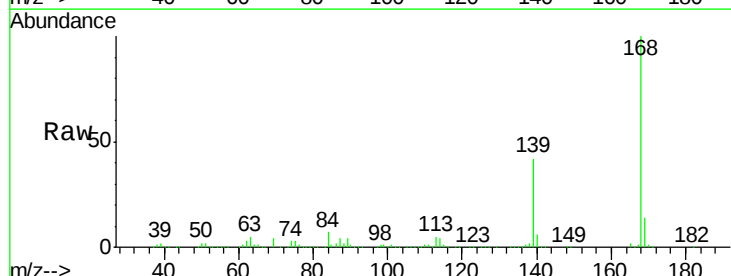


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

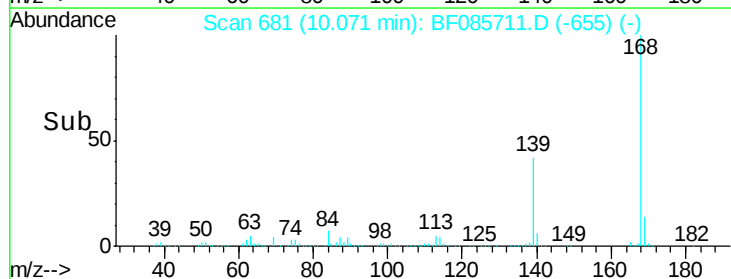
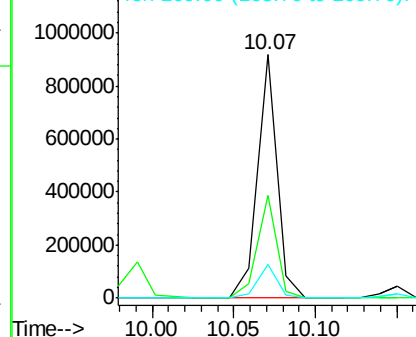


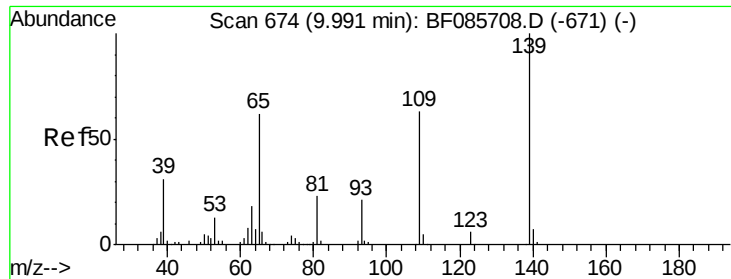
#54
Dibenzofuran
Concen: 49.74 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:168 Resp: 766491
Ion Ratio Lower Upper
168 100
139 42.3 31.9 47.9
169 13.9 11.0 16.6



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





#55

4-Nitrophenol

Concen: 46.00 ng

RT: 9.99 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

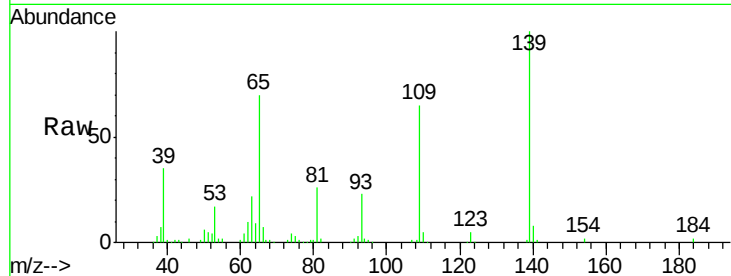
Tgt Ion:139 Resp: 140261

Ion Ratio Lower Upper

139 100

109 64.6 49.2 89.2

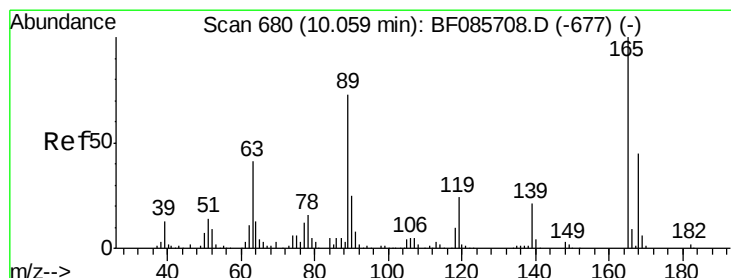
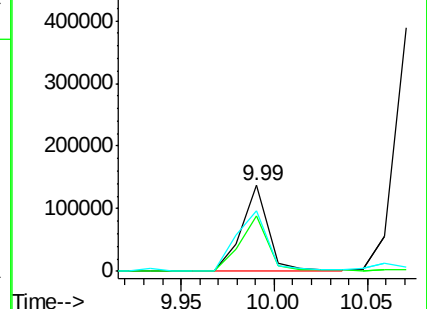
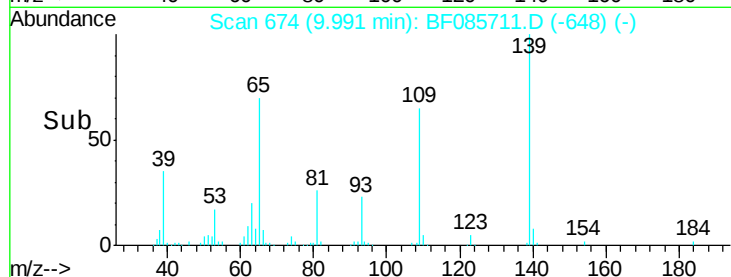
65 70.0 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.35 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Tgt Ion:165 Resp: 199416

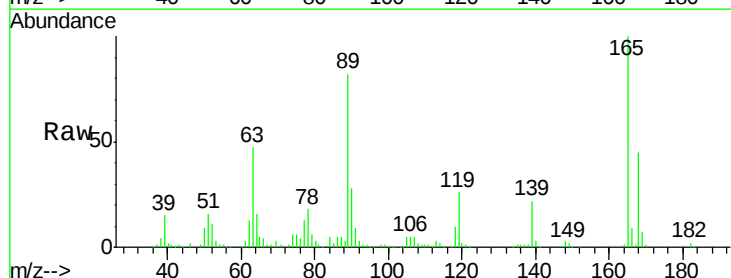
Ion Ratio Lower Upper

165 100

63 47.3 24.9 37.3#

89 81.8 41.0 61.6#

182 2.3 2.1 3.1

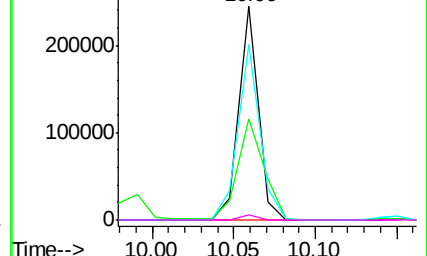
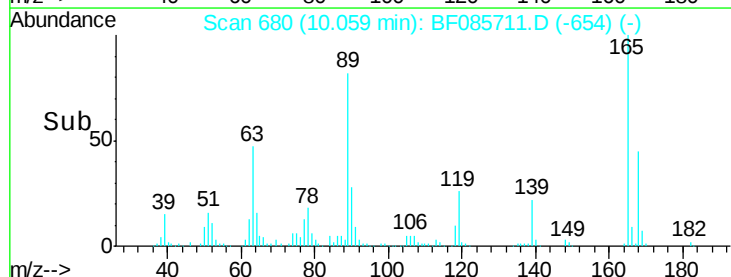


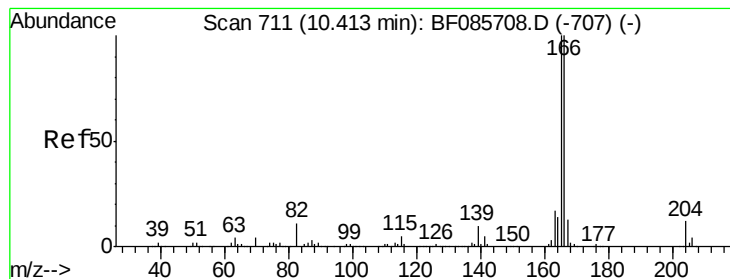
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.66 ng

RT: 10.41 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

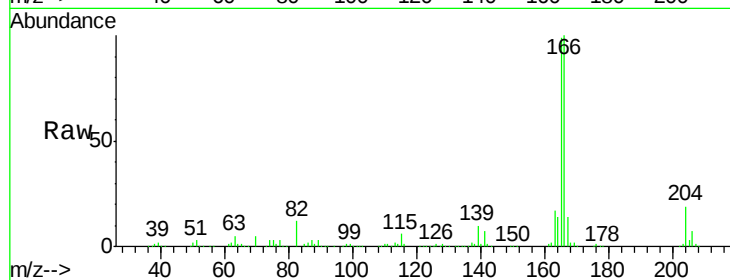
Tgt Ion:166 Resp: 624880

Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.0

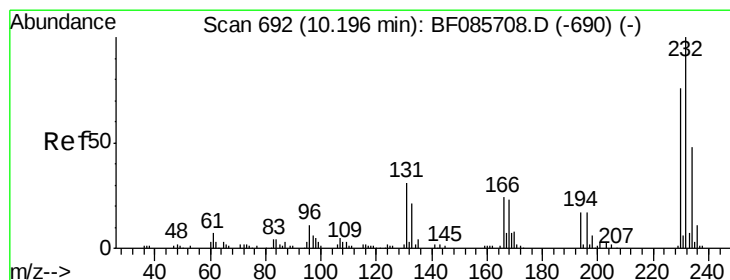
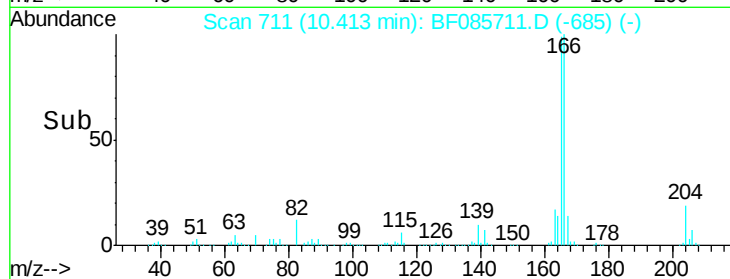
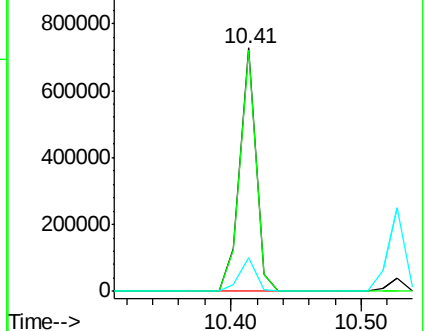
167 13.9 11.0 16.4



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: 47.17 ng

RT: 10.20 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Tgt Ion:232 Resp: 141921

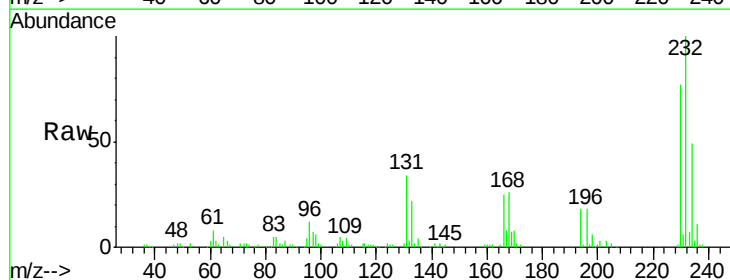
Ion Ratio Lower Upper

232 100

131 54.6 44.9 67.3

130 2.7 2.3 3.5

166 33.8 28.1 42.1

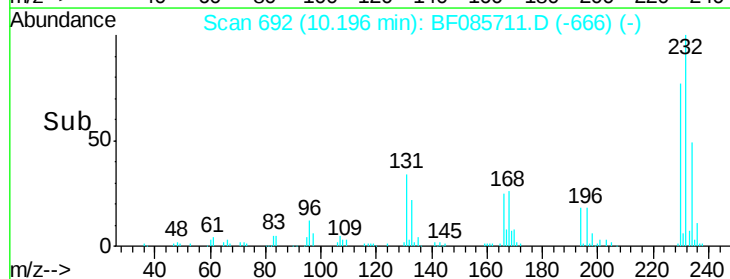
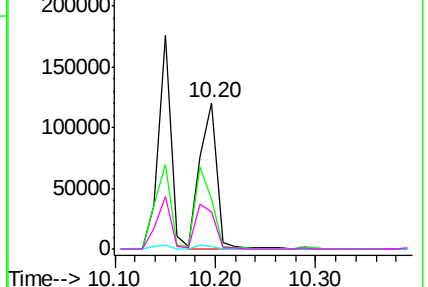


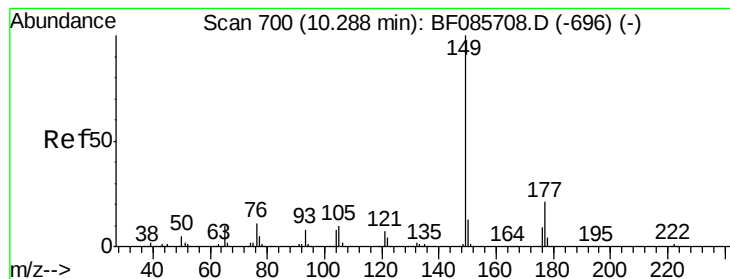
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.05 ng

RT: 10.29 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

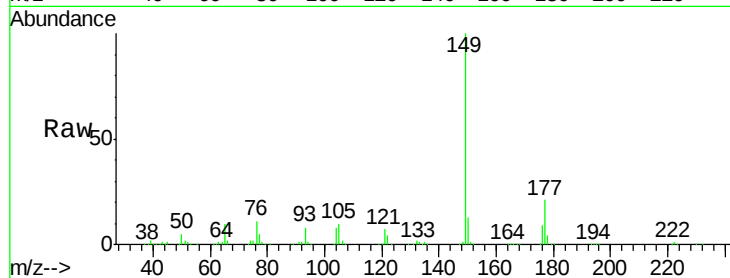
Tgt Ion:149 Resp: 683175

Ion Ratio Lower Upper

149 100

177 21.0 17.9 26.9

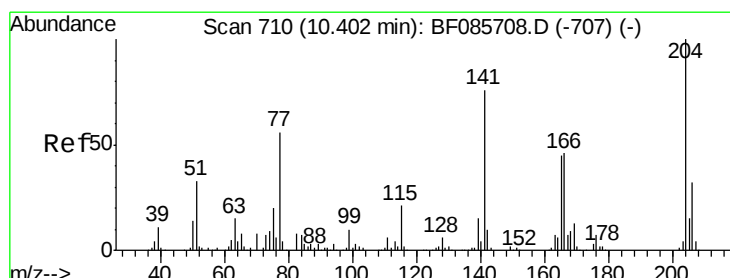
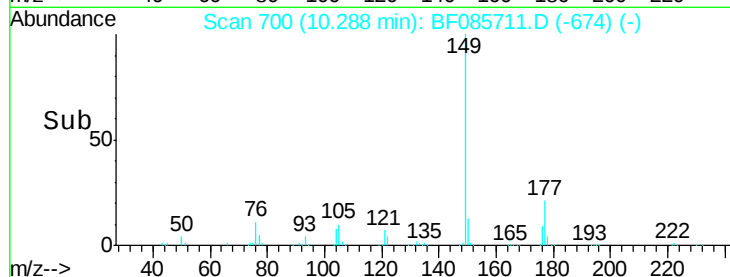
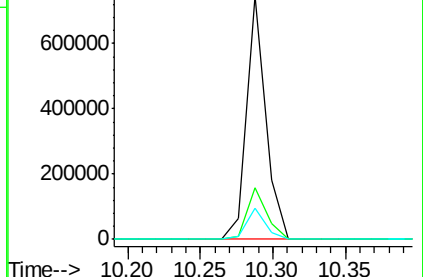
150 12.9 10.2 15.2



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: 46.49 ng

RT: 10.40 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

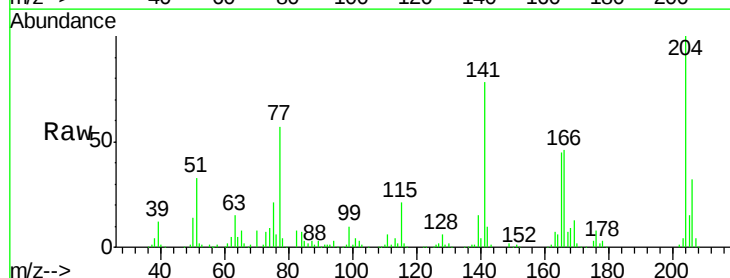
Tgt Ion:204 Resp: 291577

Ion Ratio Lower Upper

204 100

206 32.2 26.6 39.8

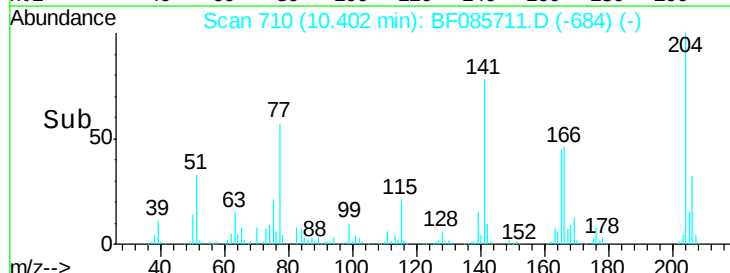
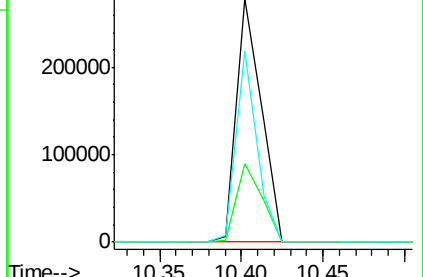
141 78.5 57.4 86.0

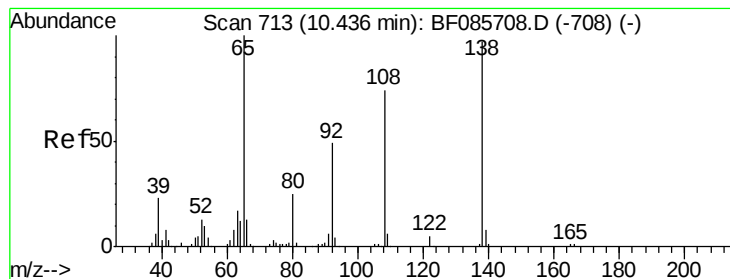


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.87 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

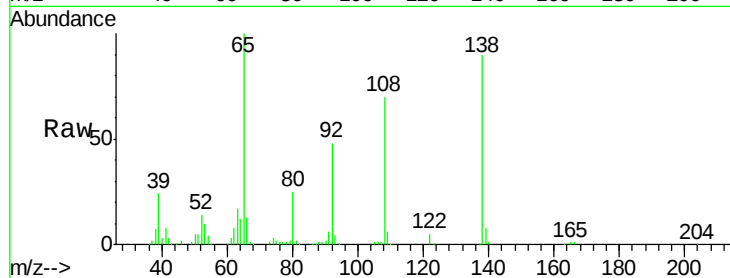
Tgt Ion:138 Resp: 166740

Ion Ratio Lower Upper

138 100

92 53.1 26.4 66.4

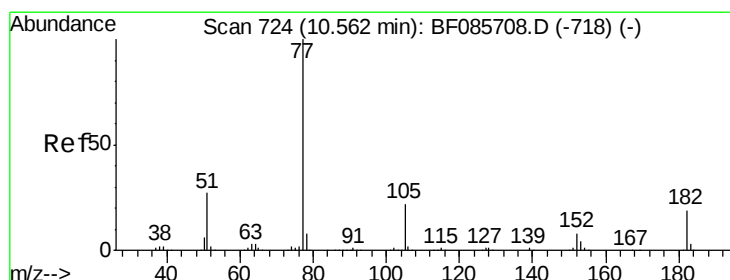
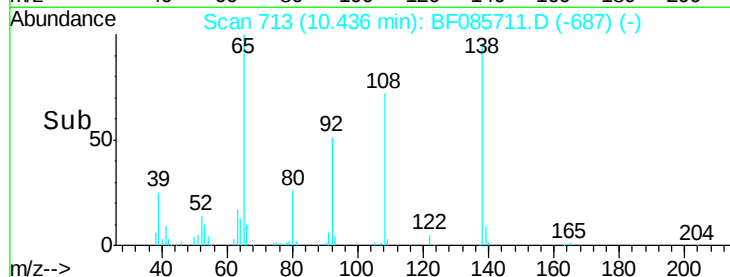
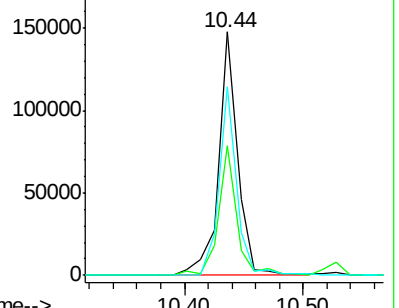
108 77.3 49.0 89.0



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: 48.72 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Tgt Ion: 77 Resp: 693661

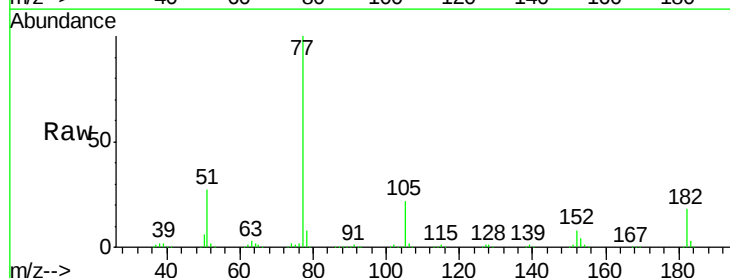
Ion Ratio Lower Upper

77 100

182 18.2 1.9 41.9

105 22.1 3.5 43.5

51 27.5 6.3 46.3

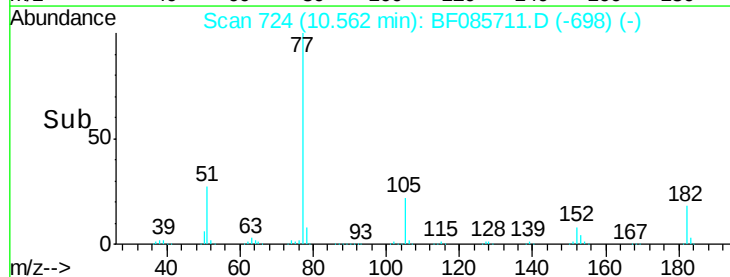
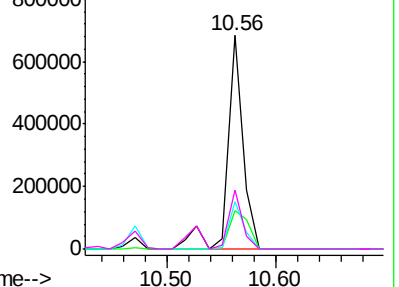


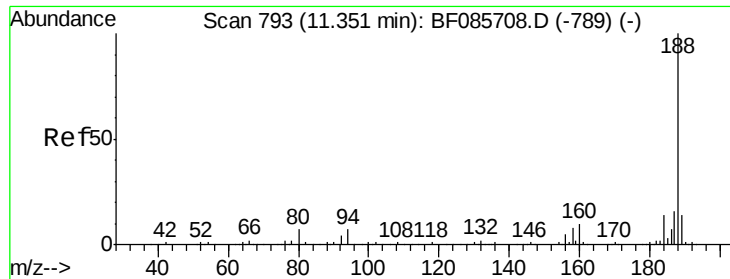
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

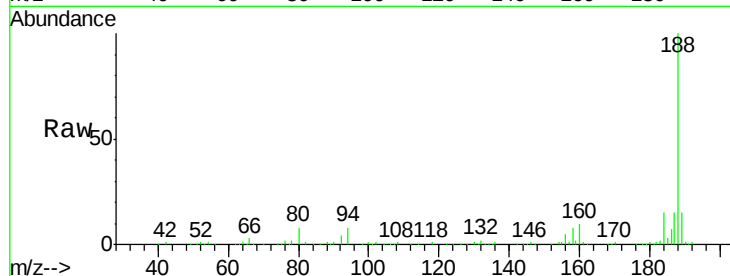




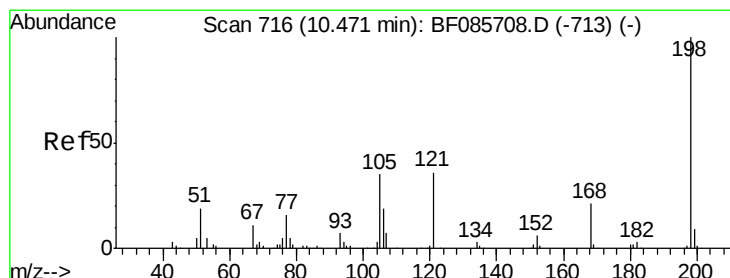
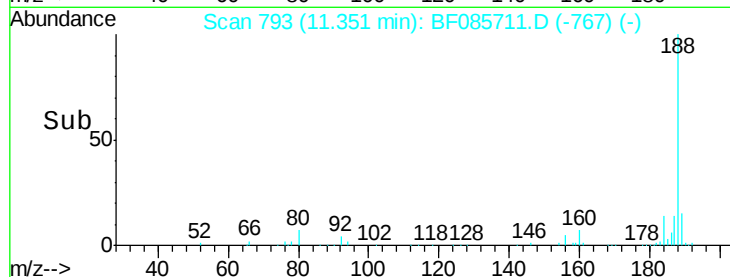
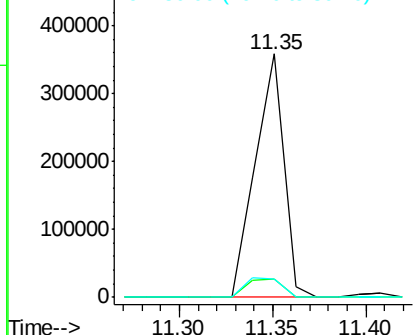
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.4	8.0
80	7.6	5.5	8.3

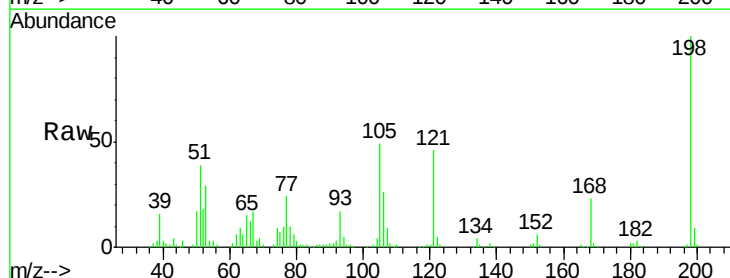


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

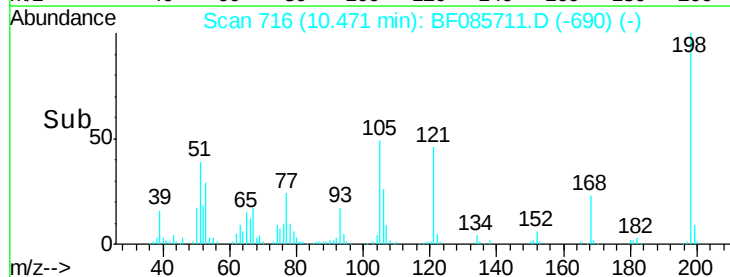
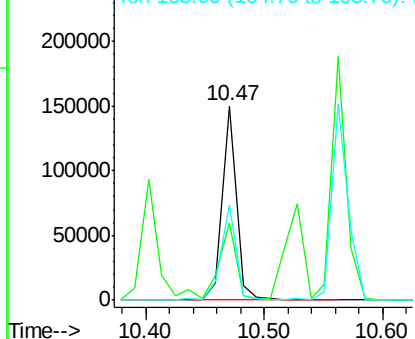


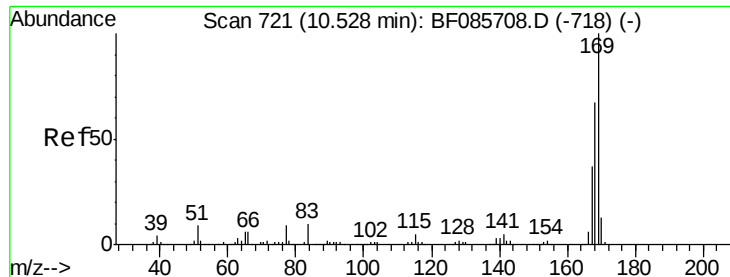
#64
4,6-Dinitro-2-methylphenol
Concen: 50.51 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.5	45.4	85.4#
105	48.7	45.9	85.9



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

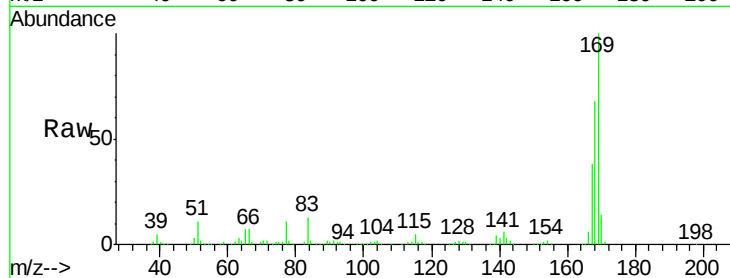




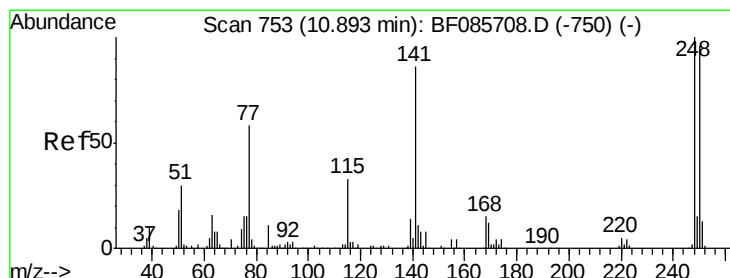
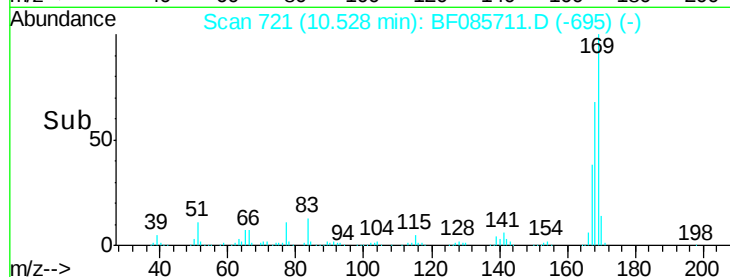
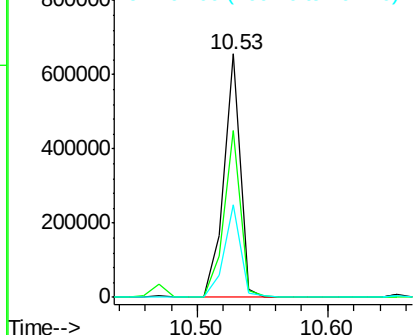
#65
 n-Nitrosodiphenylamine
 Concen: 49.49 ng
 RT: 10.53 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:169 Resp: 583564
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.4 81.6
 167 37.8 29.4 44.0

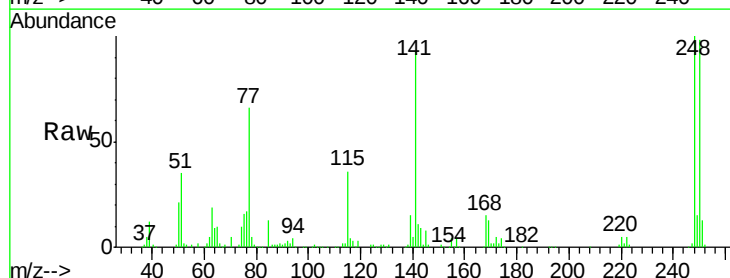


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

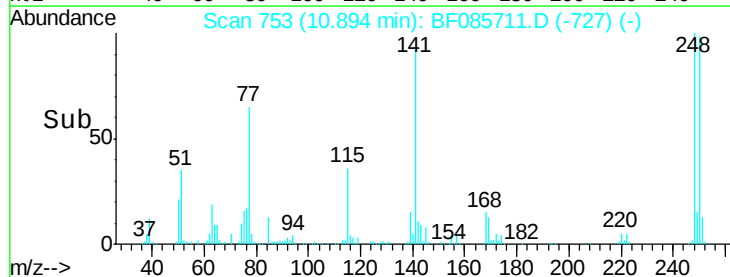
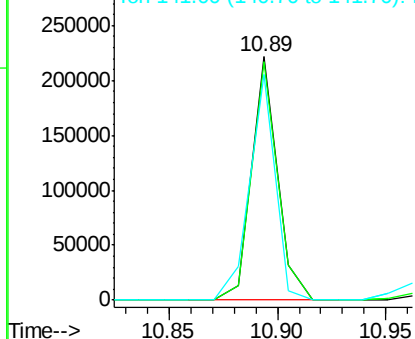


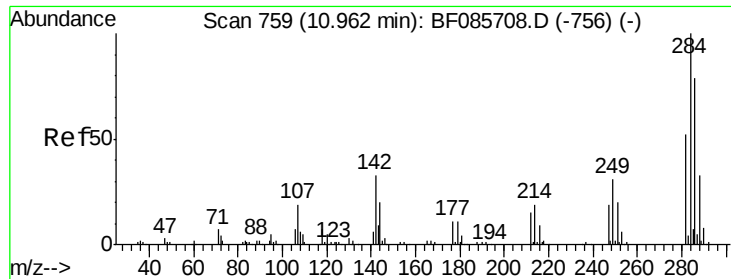
#66
 4-Bromophenyl-phenylether
 Concen: 48.50 ng
 RT: 10.89 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion:248 Resp: 183387
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.4 116.0
 141 92.7 63.6 95.4



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

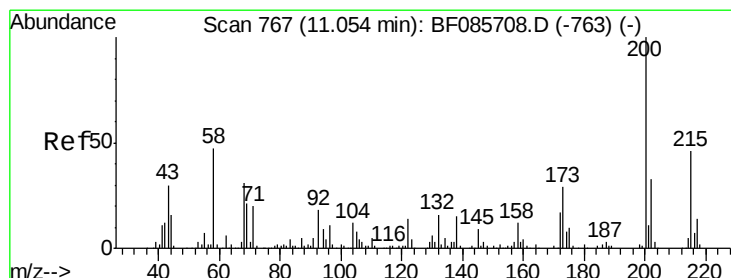
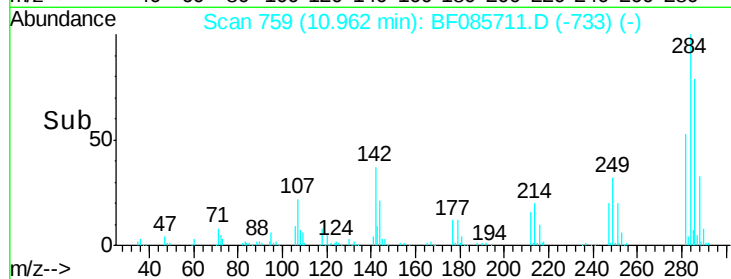
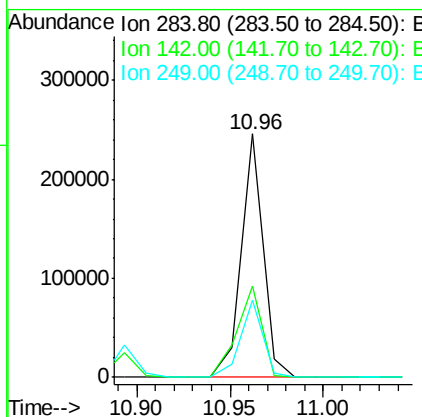
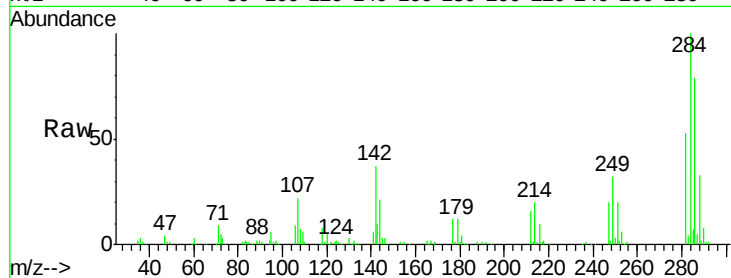




#67
Hexachlorobenzene
Concen: 50.34 ng
RT: 10.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

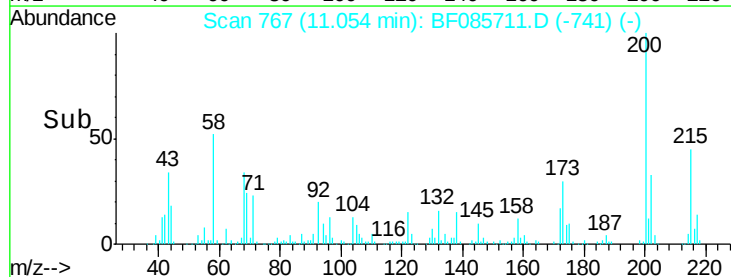
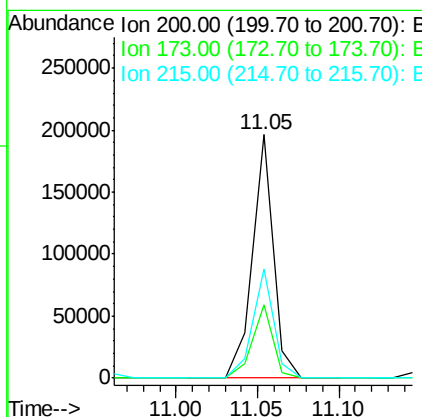
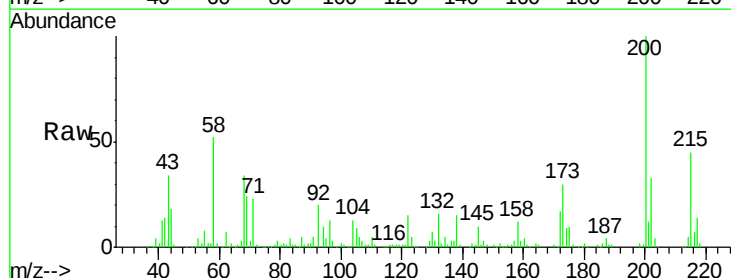
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

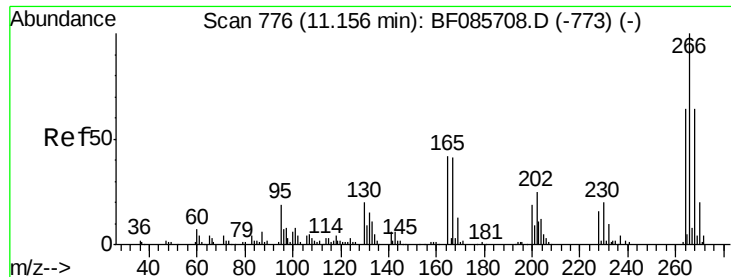
Tgt Ion:284 Resp: 202245
Ion Ratio Lower Upper
284 100
142 37.4 23.1 34.7#
249 31.9 24.2 36.2



#68
Atrazine
Concen: 48.75 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:200 Resp: 175010
Ion Ratio Lower Upper
200 100
173 30.0 7.7 47.7
215 45.0 25.4 65.4

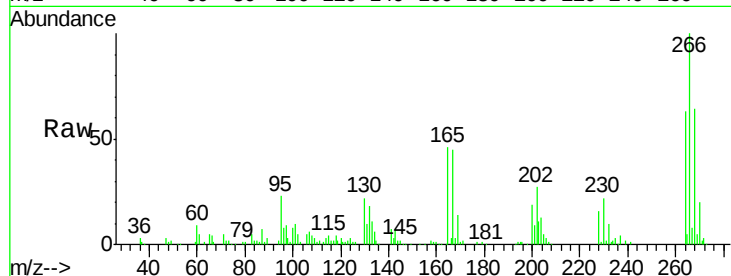




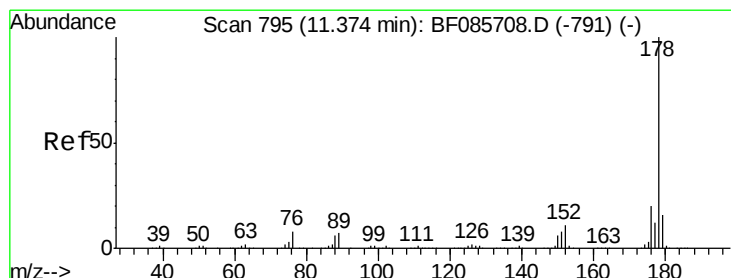
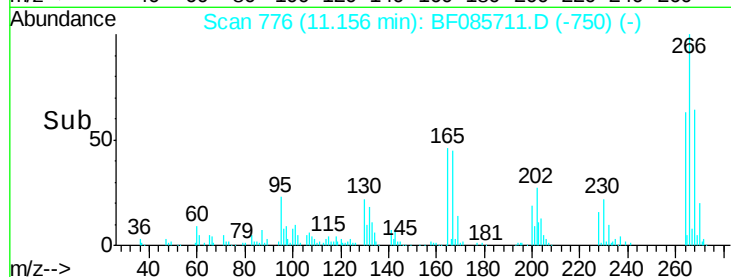
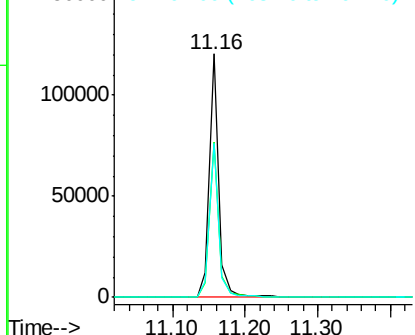
#69
 Pentachlorophenol
 Concen: 44.89 ng
 RT: 11.16 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:266 Resp: 109494
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.5 77.3
 264 63.4 50.6 76.0

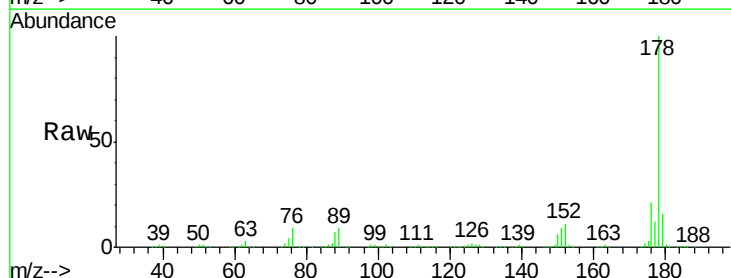


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

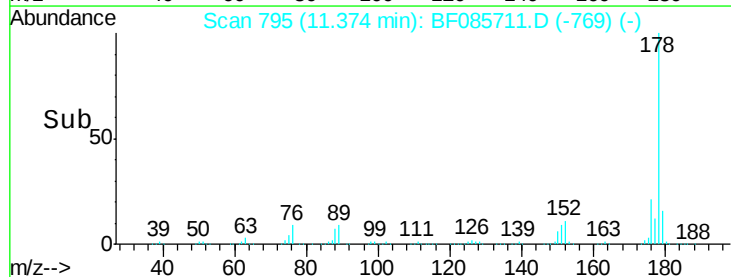
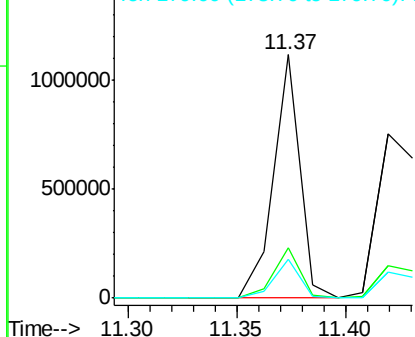


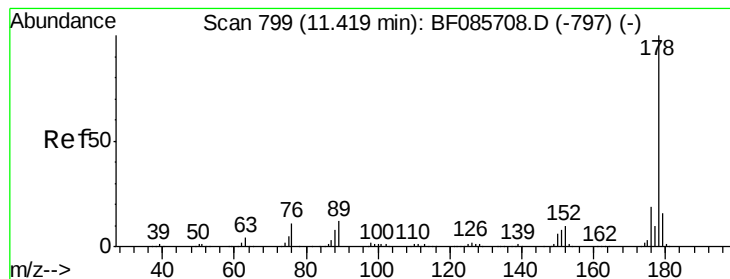
#70
 Phenanthrene
 Concen: 48.03 ng
 RT: 11.37 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion:178 Resp: 958543
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.3 24.5
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 47.08 ng

RT: 11.42 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

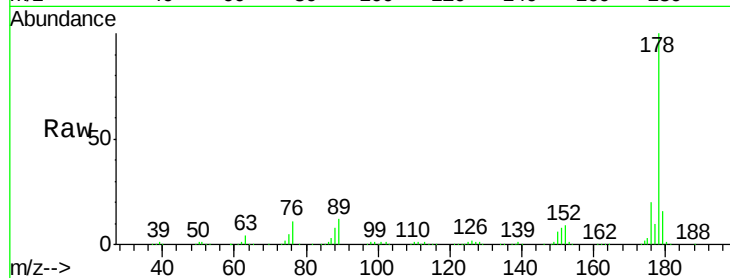
Tgt Ion:178 Resp: 985144

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

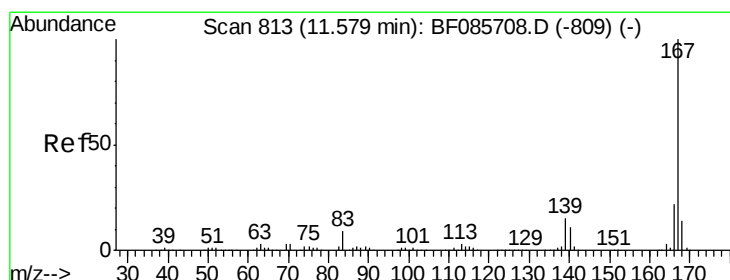
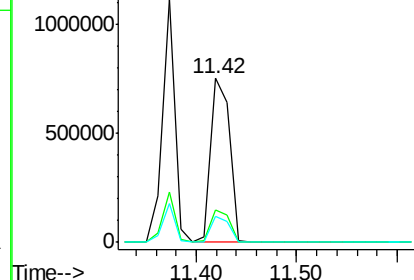
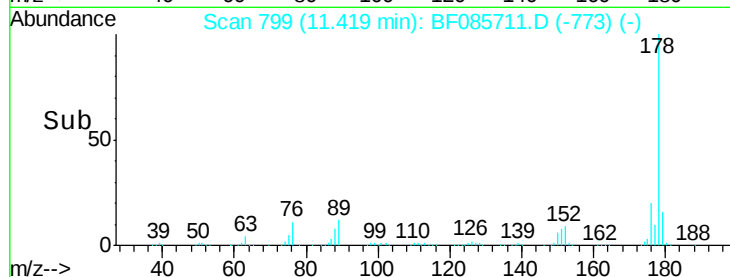
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.86 ng

RT: 11.58 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

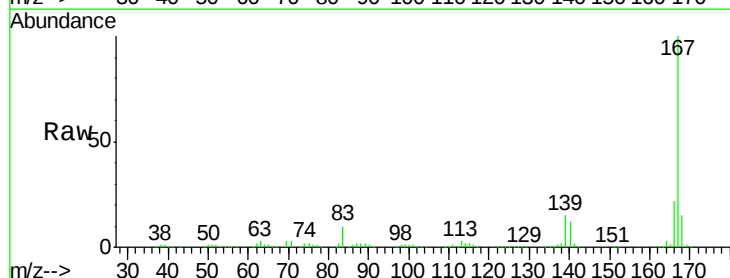
Tgt Ion:167 Resp: 809884

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

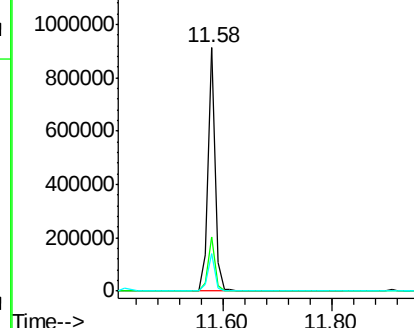
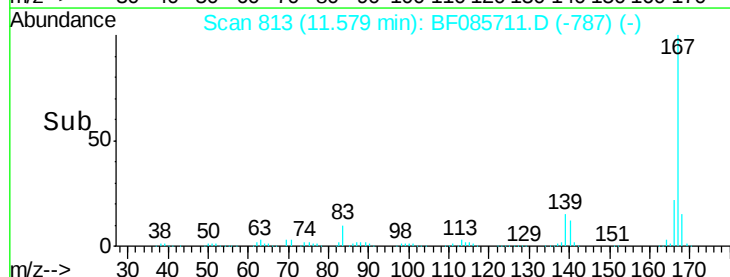
139 15.3 11.6 17.4

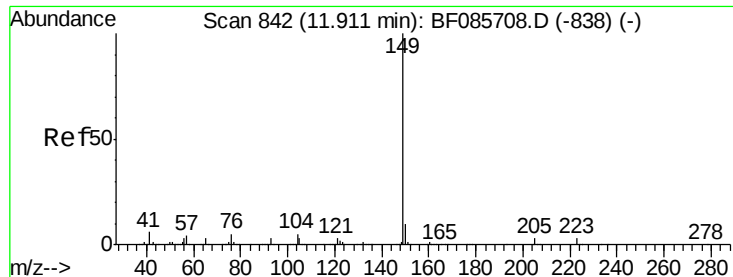


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.72 ng

RT: 11.91 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

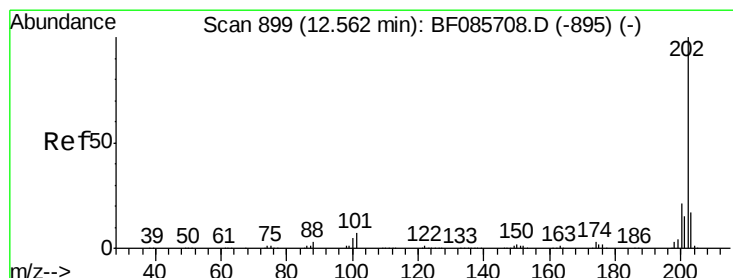
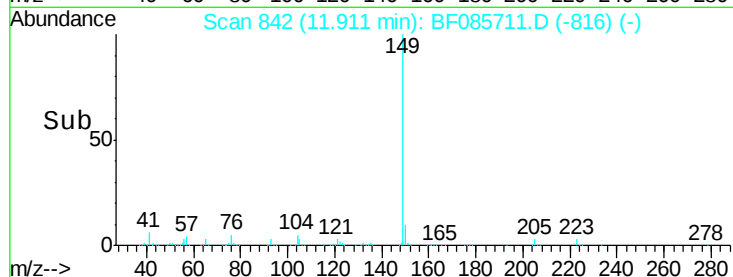
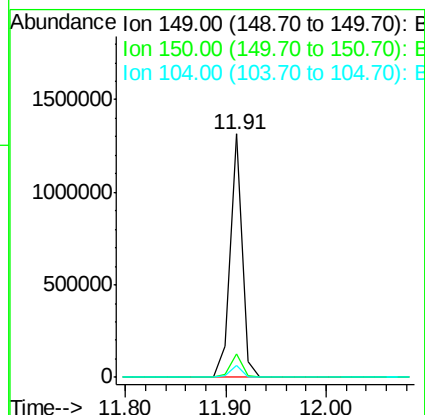
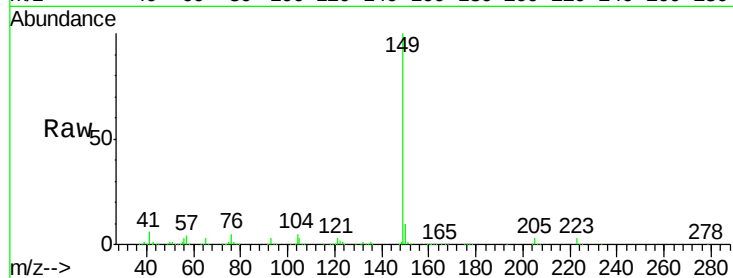
Tgt Ion:149 Resp: 1078922

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 5.1 3.8 5.8



#74

Fluoranthene

Concen: 47.28 ng

RT: 12.56 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

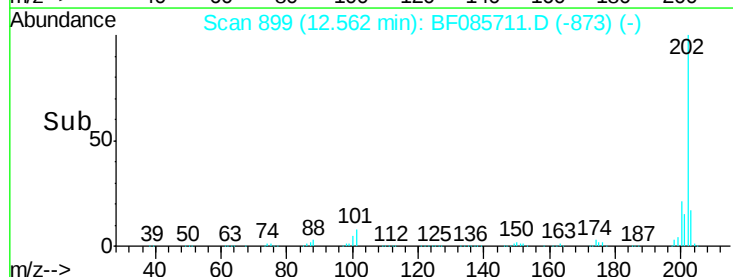
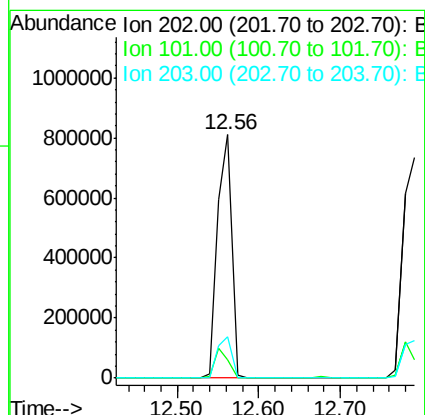
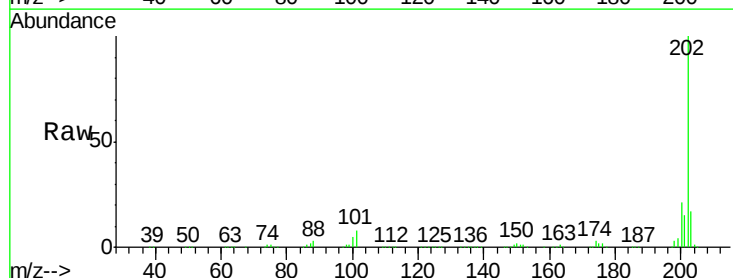
Tgt Ion:202 Resp: 988139

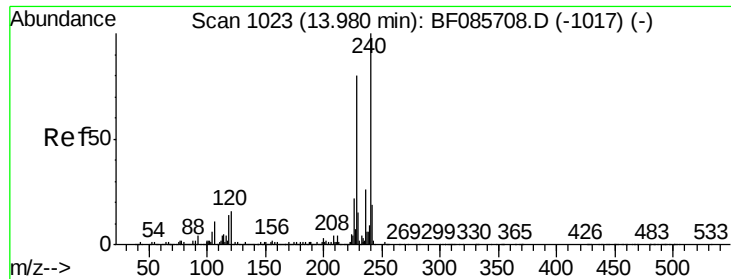
Ion Ratio Lower Upper

202 100

101 7.6 0.0 36.6

203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

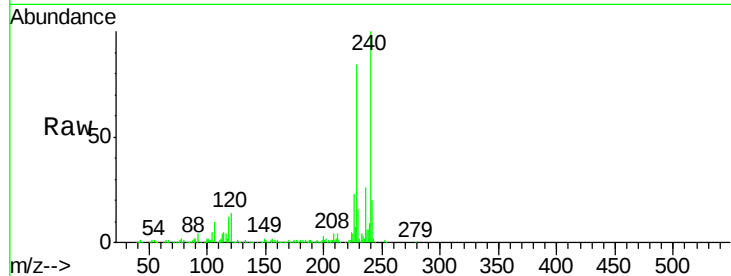
Tgt Ion:240 Resp: 233918

Ion Ratio Lower Upper

240 100

120 14.4 13.8 20.8

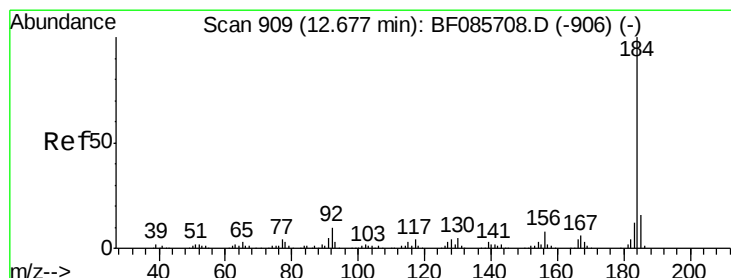
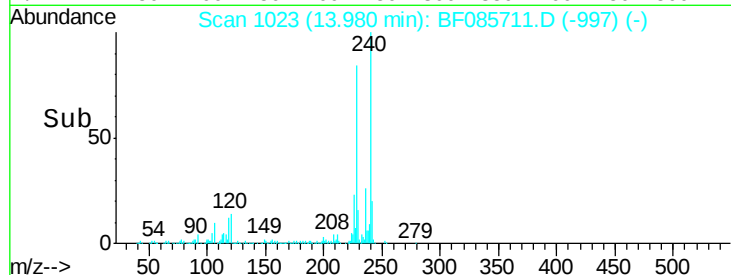
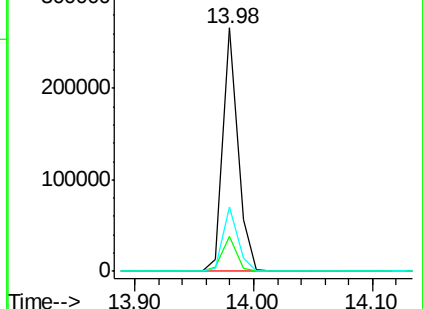
236 26.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.07 ng

RT: 12.68 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

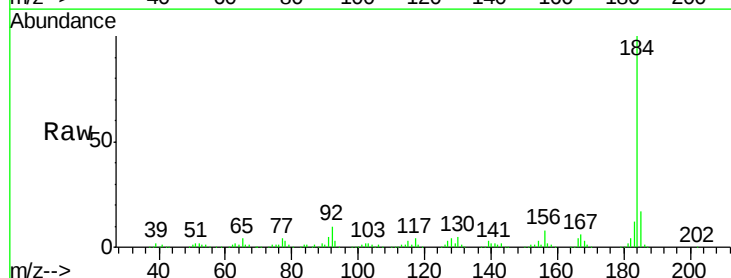
Tgt Ion:184 Resp: 441084

Ion Ratio Lower Upper

184 100

185 17.2 12.4 18.6

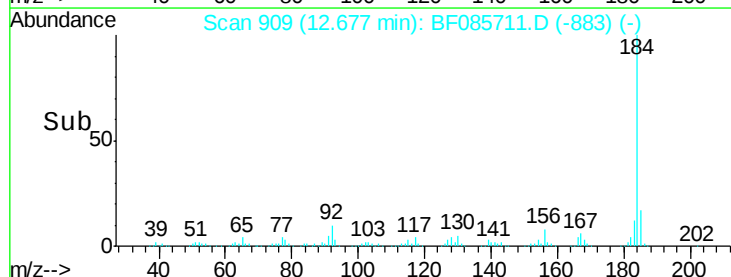
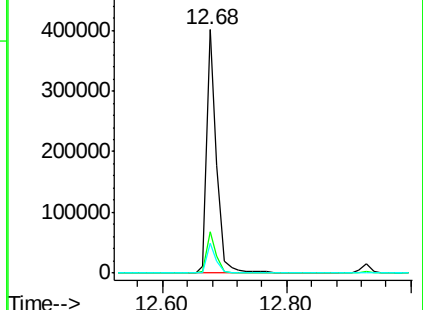
183 12.0 9.4 14.2

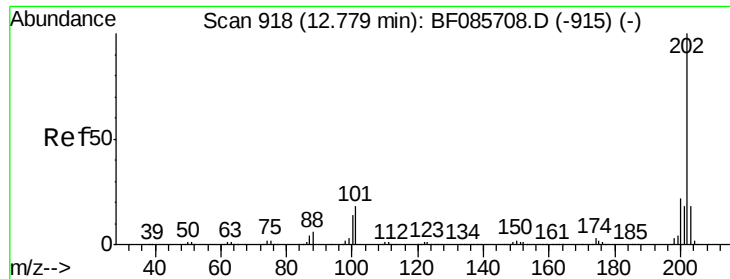


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

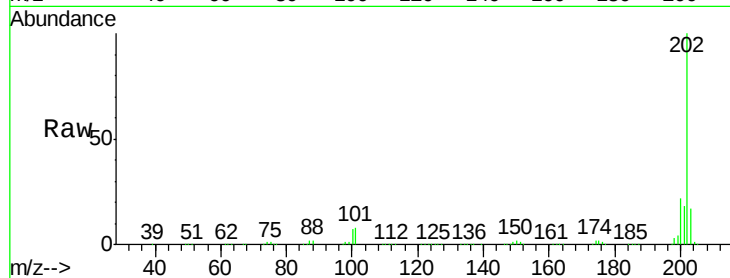




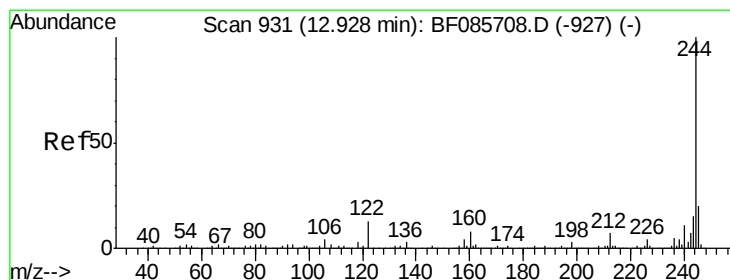
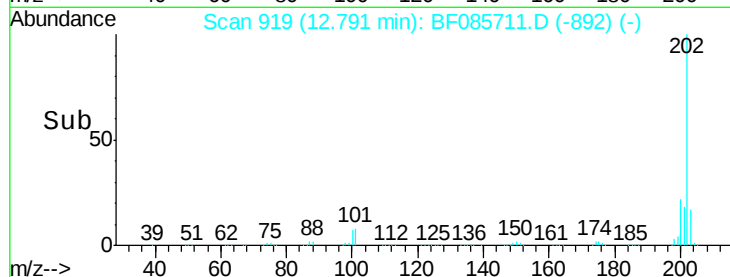
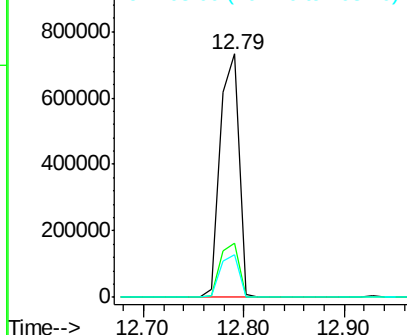
#77
 Pyrene
 Concen: 56.76 ng
 RT: 12.79 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.3	14.0	21.0

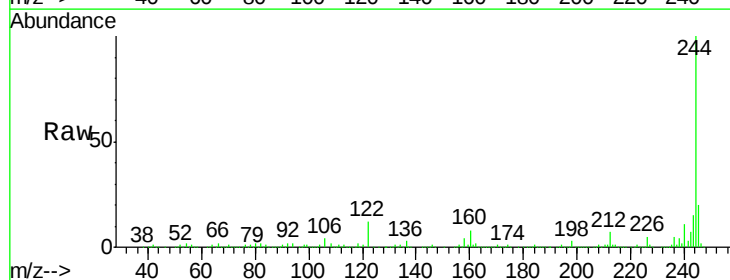


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

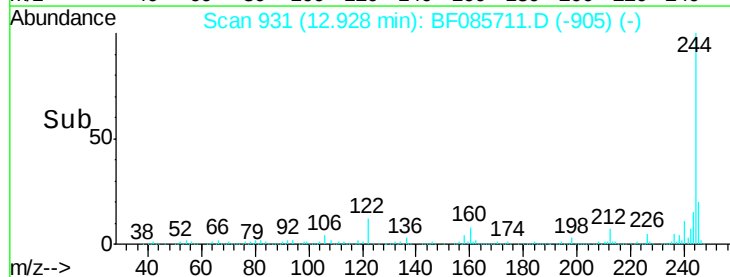
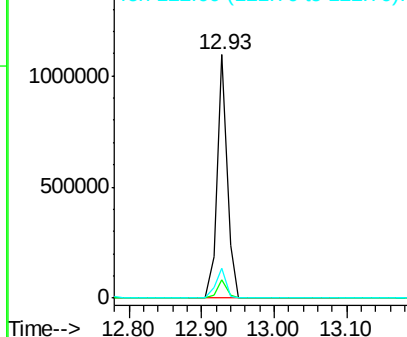


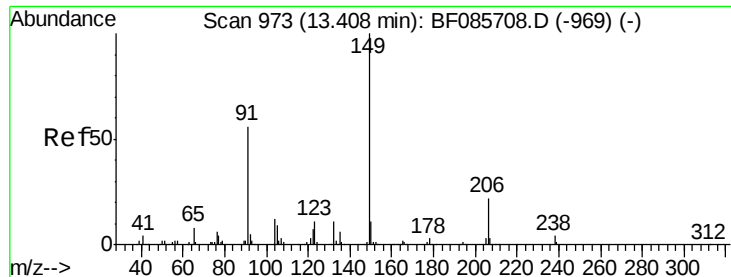
#78
 Terphenyl-d14
 Concen: 108.18 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.4	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

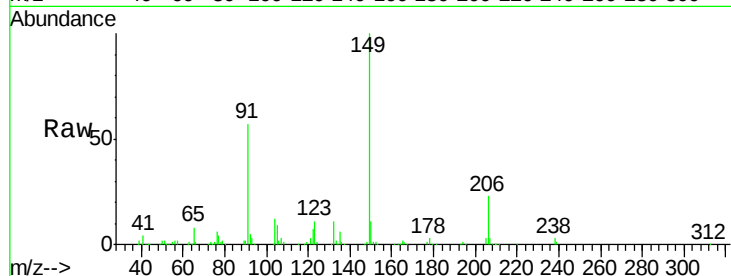




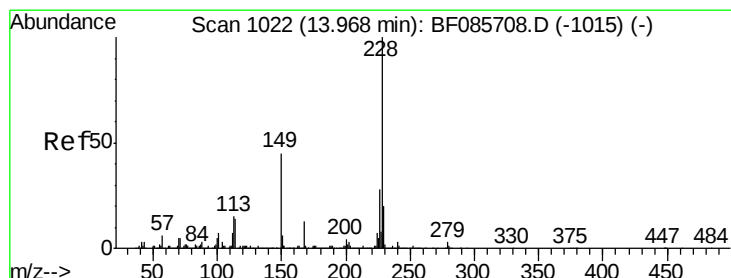
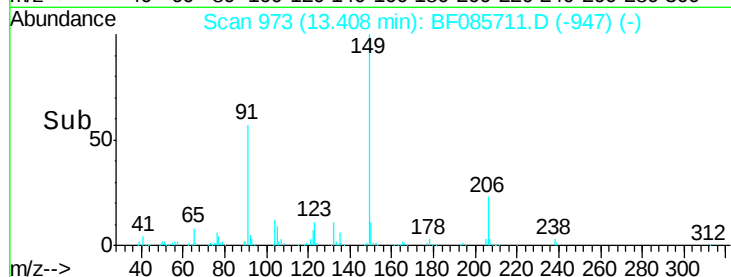
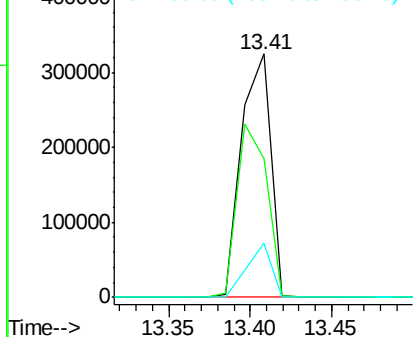
#79
Butylbenzylphthalate
Concen: 50.40 ng
RT: 13.41 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
149	100		
91	56.7	45.8	68.8
206	22.5	17.8	26.8

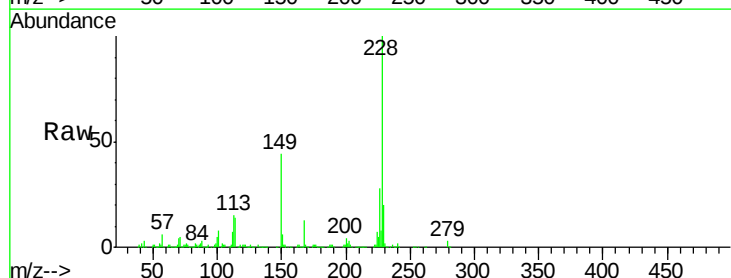


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

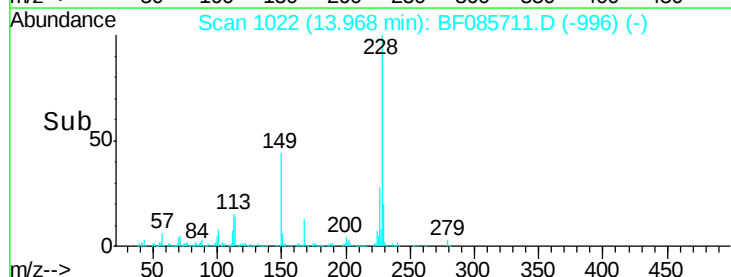
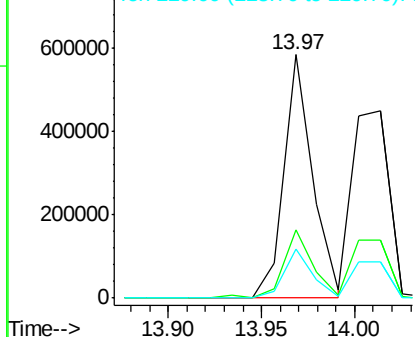


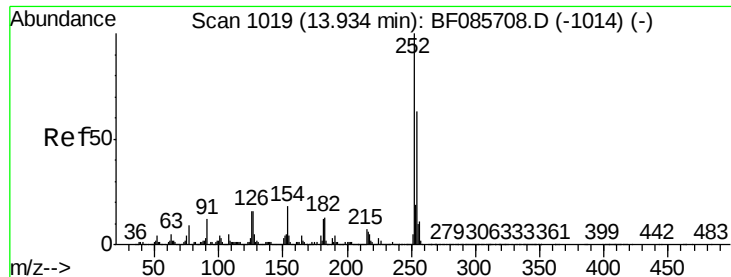
#80
Benzo(a)anthracene
Concen: 46.29 ng
RT: 13.97 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	19.9	16.2	24.4



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

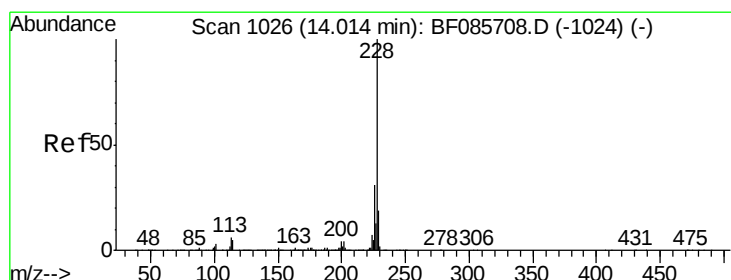
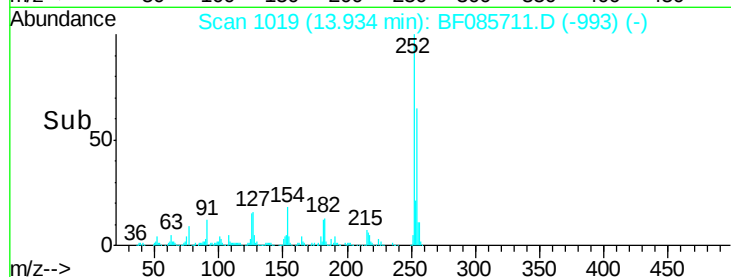
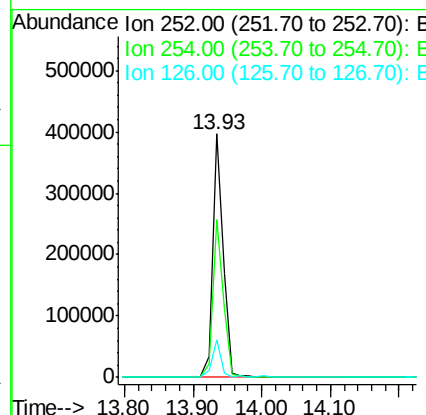
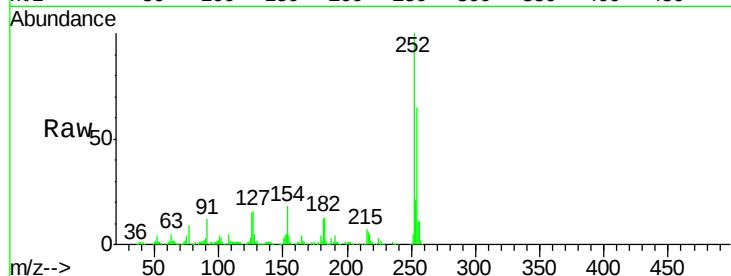




#81
 3,3'-Dichlorobenzidine
 Concen: 85.14 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

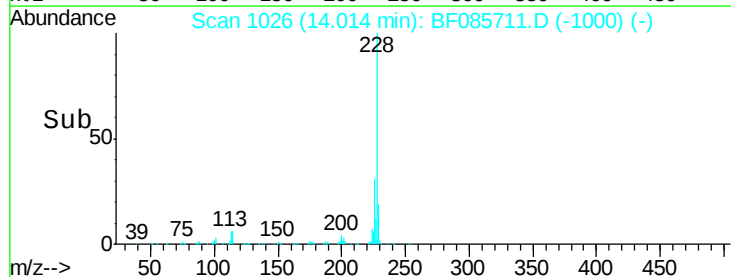
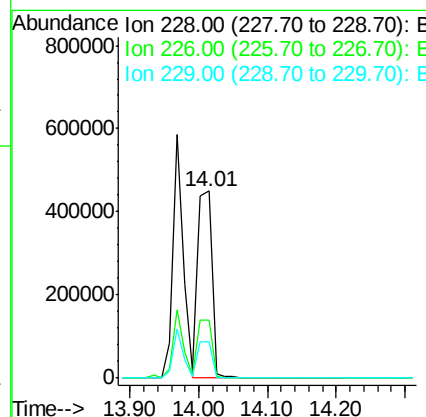
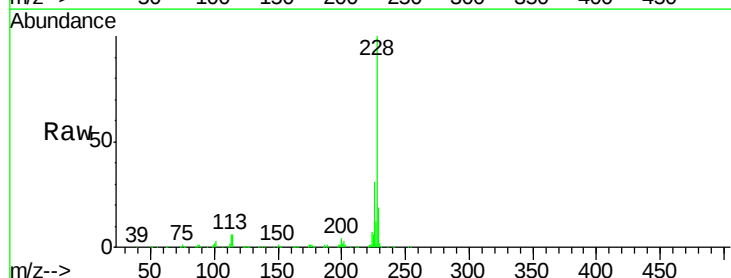
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

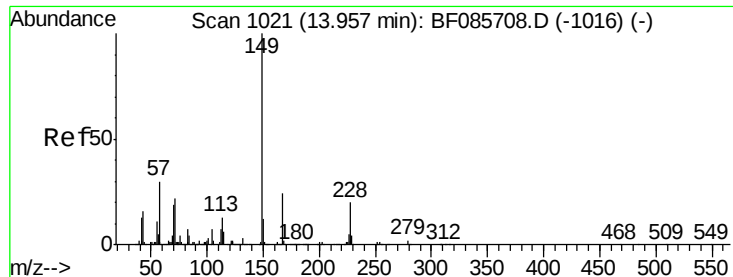
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.7	76.1
126	15.4	11.8	17.6



#82
 Chrysene
 Concen: 48.02 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.1	15.7	23.5

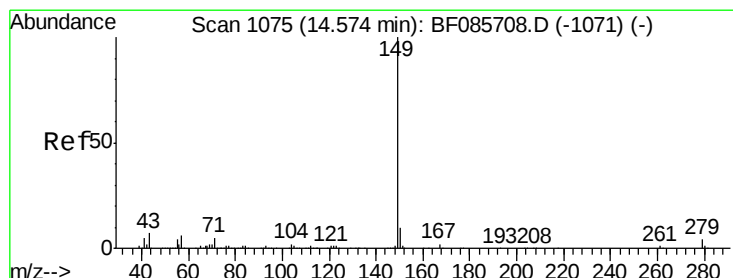
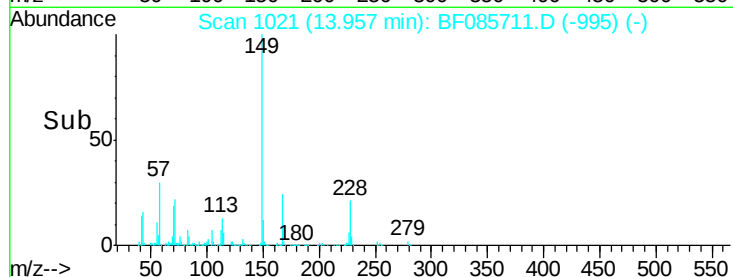
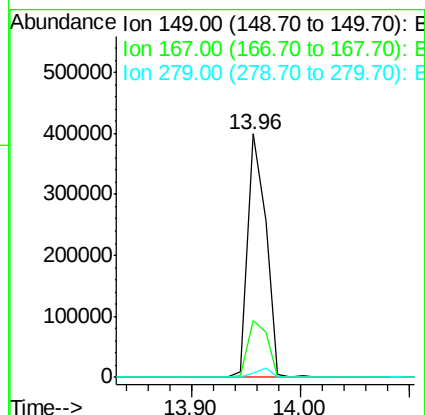
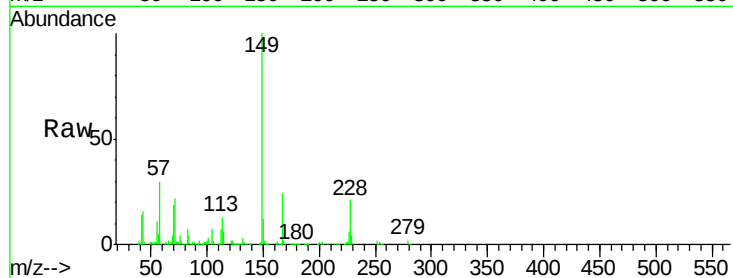




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.67 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

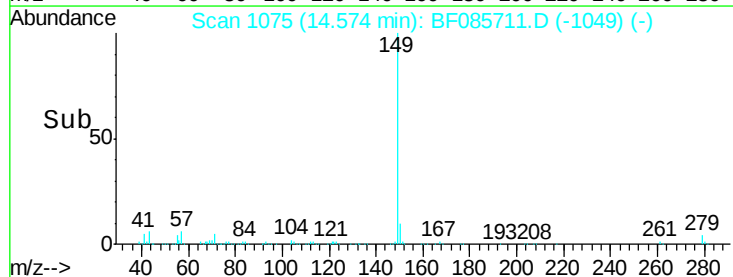
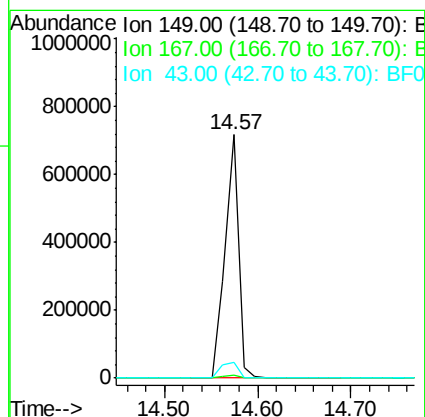
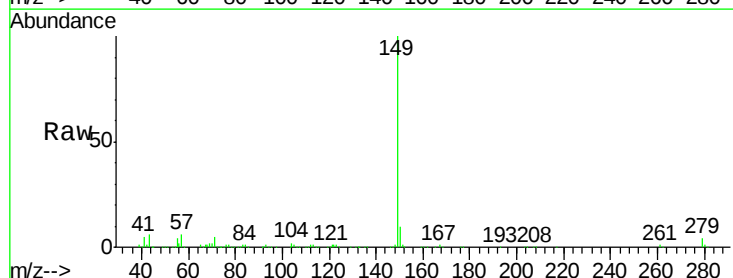
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

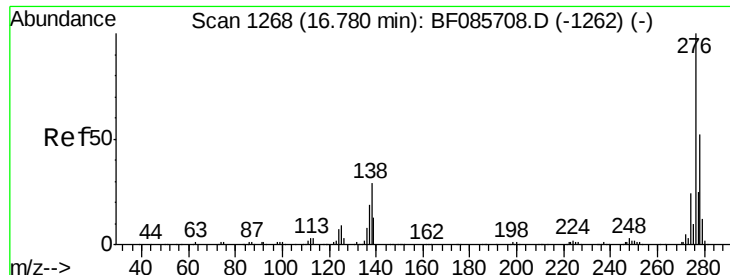
Tgt Ion:149 Resp: 464183
 Ion Ratio Lower Upper
 149 100
 167 23.5 19.4 29.2
 279 1.6 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 44.19 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF085711.D
 Acq: 24 Mar 2016 12:42

Tgt Ion:149 Resp: 716237
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.7 7.1 10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.50 ng

RT: 16.78 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

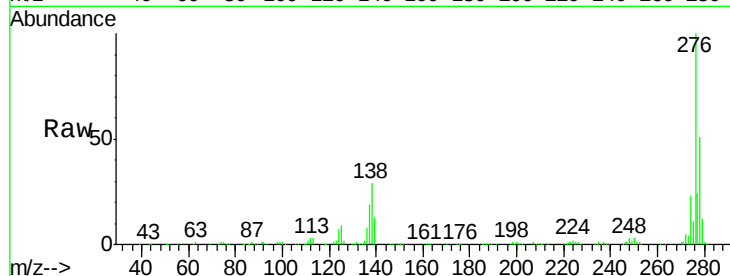
Tgt Ion:276 Resp: 584036

Ion Ratio Lower Upper

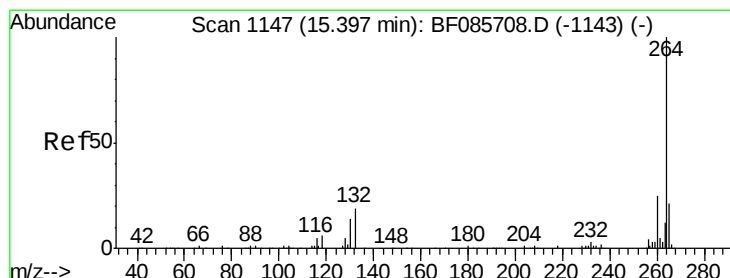
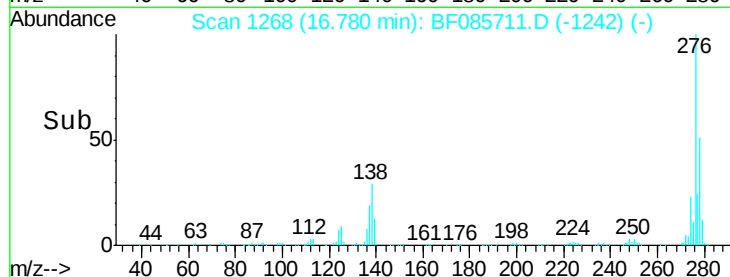
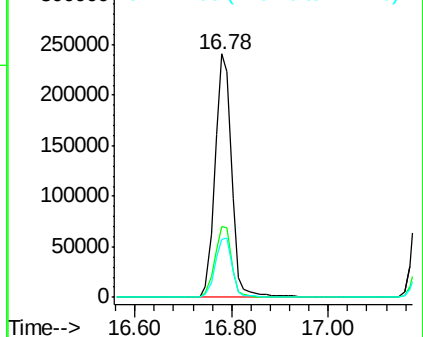
276 100

138 29.7 24.2 36.4

277 25.0 20.0 30.0



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: 15.40 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

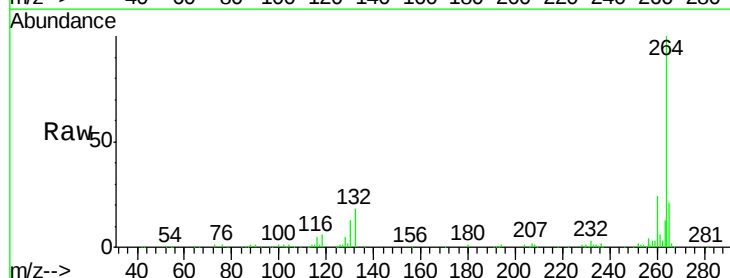
Tgt Ion:264 Resp: 171696

Ion Ratio Lower Upper

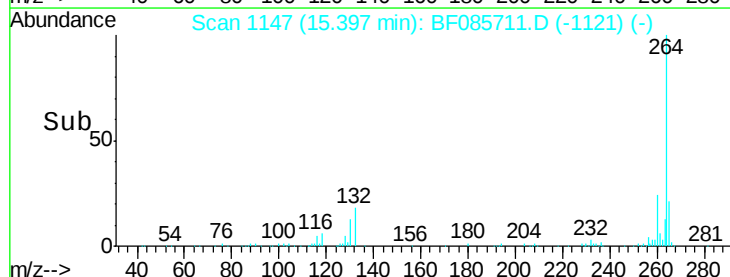
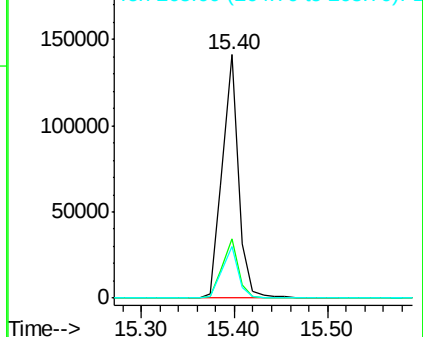
264 100

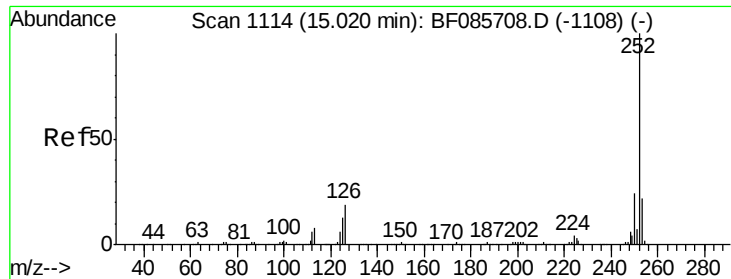
260 24.3 19.4 29.2

265 21.2 17.2 25.8



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

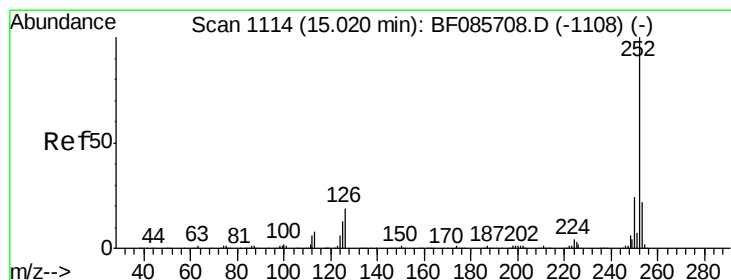
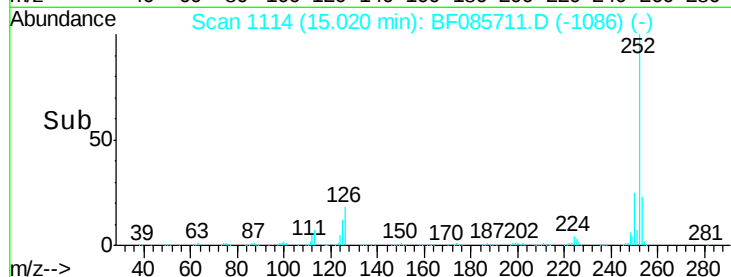
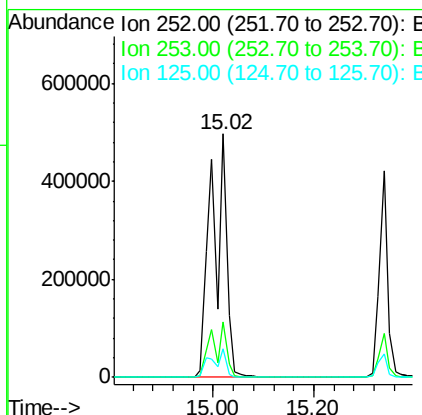
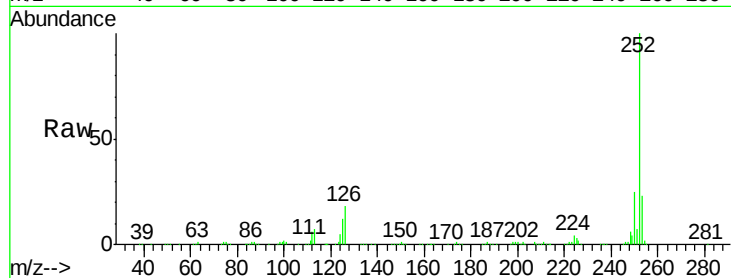




#87
Benzo(b)fluoranthene
Concen: 92.72 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

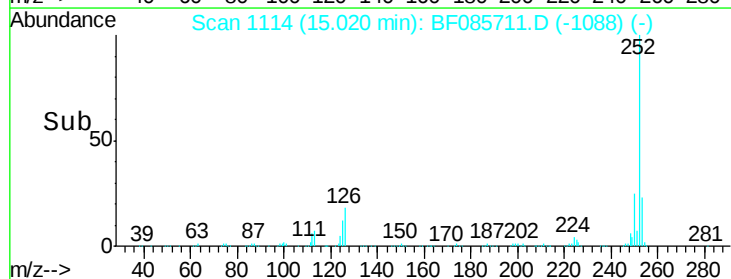
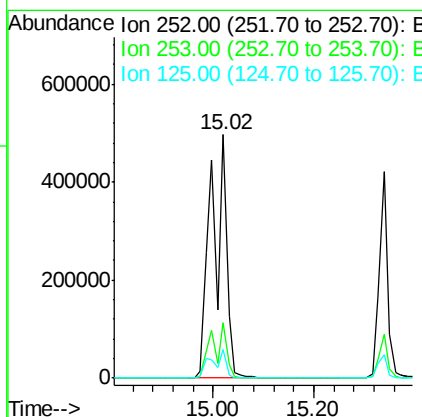
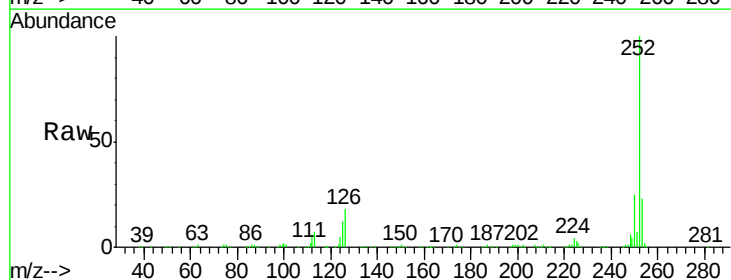
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

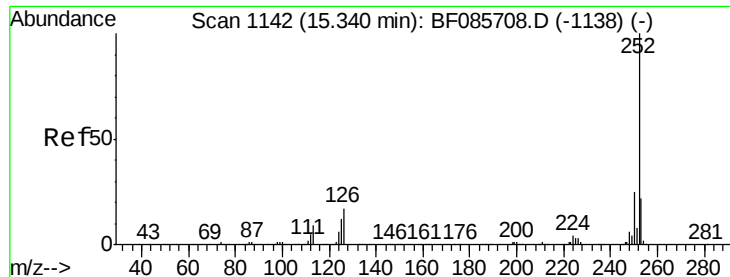
Tgt Ion:252 Resp: 1038745
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.7 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 112.54 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF085711.D
Acq: 24 Mar 2016 12:42

Tgt Ion:252 Resp: 1038745
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.7 7.7 11.5#





#89

Benzo(a)pyrene

Concen: 52.36 ng

RT: 15.34 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

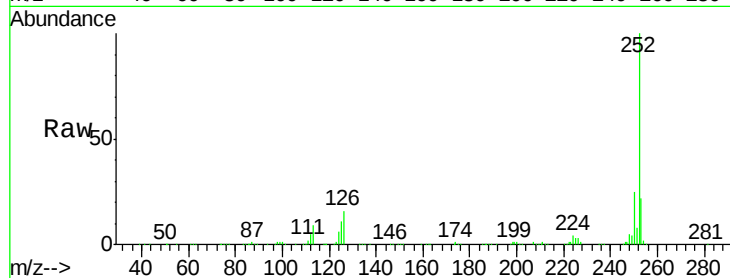
Tgt Ion:252 Resp: 497258

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

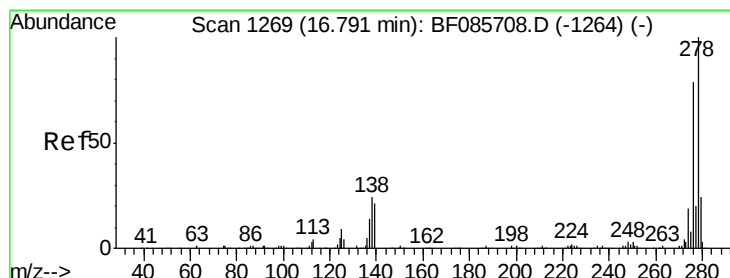
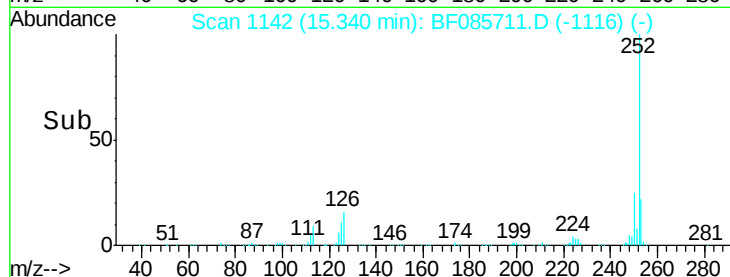
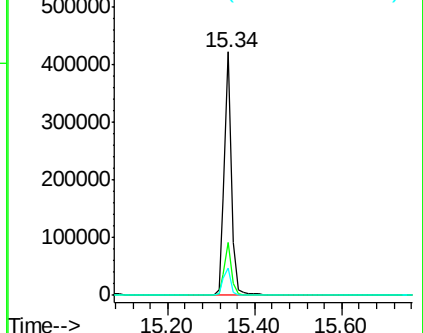
125 11.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 61.72 ng

RT: 16.79 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

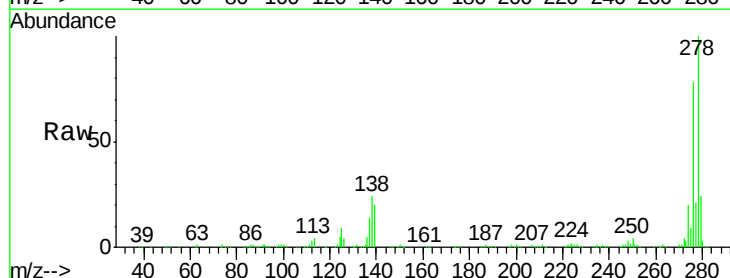
Tgt Ion:278 Resp: 488951

Ion Ratio Lower Upper

278 100

139 20.3 14.4 21.6

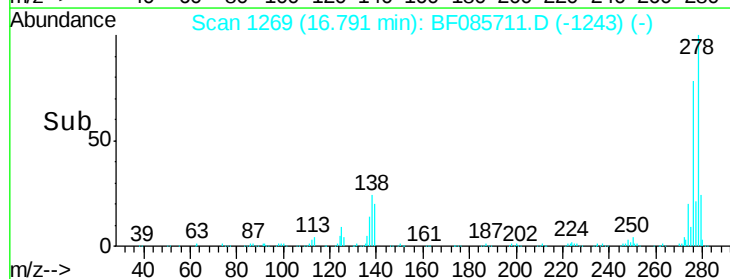
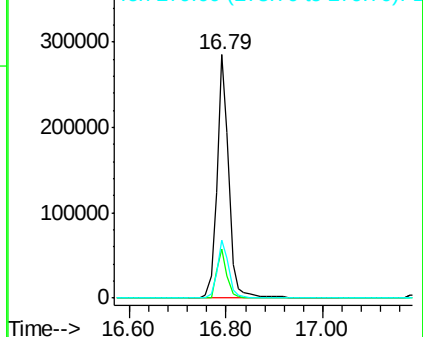
279 23.7 19.1 28.7

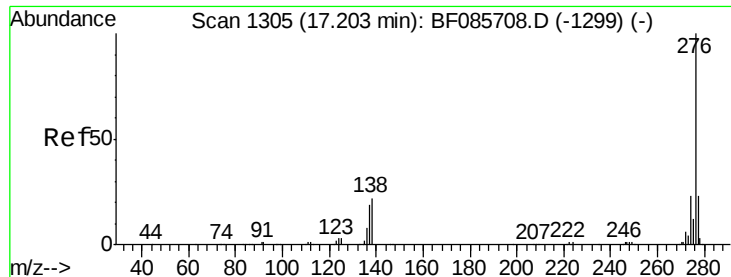


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 64.74 ng

RT: 17.20 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF085711.D

Acq: 24 Mar 2016 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

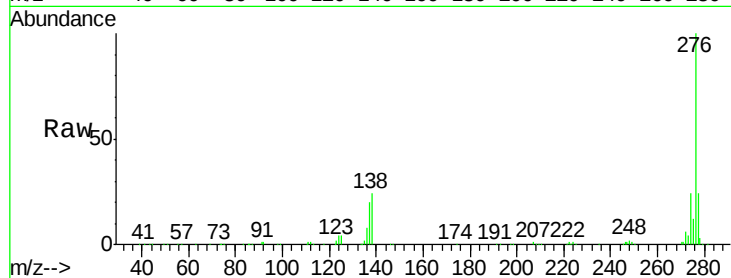
Tgt Ion: 276 Resp: 496356

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 24.1 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

