

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021316\
 Data File : BF085055.D
 Acq On : 12 Feb 2016 20:24
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Feb 12 23:16:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 23:09:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	171024	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	714552	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	326020	20.00	ng	0.01
63) Phenanthrene-d10	12.99	188	588599	20.00	ng	0.00
75) Chrysene-d12	17.18	240	397066	20.00	ng	0.00
86) Perylene-d12	18.80	264	302754	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.15	112	928867	86.05	ng	-0.01
7) Phenol-d6	5.45	99	1330287	96.67	ng	0.01
23) Nitrobenzene-d5	6.72	82	1227384	97.39	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	344699	101.45	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	2222836	100.21	ng	0.00
78) Terphenyl-d14	15.63	244	1927925	108.20	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	200745	42.25	ng	95
3) Pyridine	2.42	79	496950	40.48	ng	99
4) n-Nitrosodimethylamine	2.40	42	247355	39.58	ng	95
6) Aniline	5.46	93	747769	45.37	ng	96
8) 2-Chlorophenol	5.60	128	606910	48.92	ng	99
9) Benzaldehyde	5.29	77	328481	41.54	ng	95
10) Phenol	5.46	94	769124	49.39	ng	97
11) bis(2-Chloroethyl)ether	5.54	93	666937	54.37	ng	98
12) 1,3-Dichlorobenzene	5.79	146	610635	46.55	ng	99
13) 1,4-Dichlorobenzene	5.91	146	665458	50.28	ng	98
14) 1,2-Dichlorobenzene	6.11	146	614457	50.25	ng	99
15) Benzyl Alcohol	6.15	79	423630	45.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	996742	49.31	ng	98
17) 2-Methylphenol	6.32	107	414241	43.29	ng	94
18) Hexachloroethane	6.59	117	247838	49.05	ng	99
19) n-Nitroso-di-n-propylamine	6.51	70	414794	48.19	ng	95
20) 3+4-Methylphenols	6.57	107	518538	43.22	ng	98
22) Acetophenone	6.50	105	929654	49.26	ng	# 97
24) Nitrobenzene	6.74	77	675553	49.12	ng	98
25) Isophorone	7.11	82	1112887	45.77	ng	98
26) 2-Nitrophenol	7.22	139	329005	49.12	ng	99
27) 2,4-Dimethylphenol	7.35	122	528427	45.53	ng	97
28) bis(2-Chloroethoxy)methane	7.47	93	687588	47.17	ng	99
29) 2,4-Dichlorophenol	7.63	162	482470	48.85	ng	96
30) 1,2,4-Trichlorobenzene	7.70	180	547183	48.60	ng	98
31) Naphthalene	7.82	128	1743896	48.39	ng	100
32) Benzoic acid	7.66	122	257468	36.22	ng	99
33) 4-Chloroaniline	7.96	127	664686	44.78	ng	99
34) Hexachlorobutadiene	8.01	225	308390	47.79	ng	98
35) Caprolactam	8.58	113	129439	43.91	ng	96
36) 4-Chloro-3-methylphenol	8.80	107	547993	47.90	ng	99
37) 2-Methylnaphthalene	8.92	142	1098010	49.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	530120	50.11	ng	99
40) Hexachlorocyclopentadiene	9.16	237	199677	54.77	ng	98

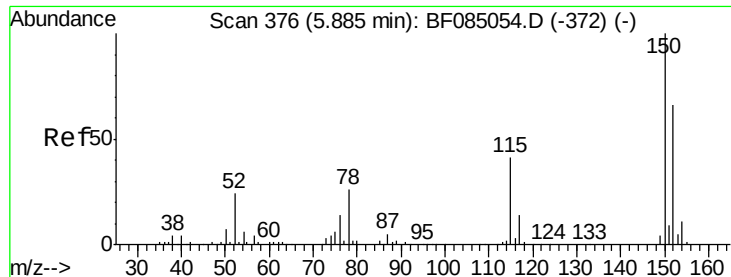
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	305027	46.31	ng	97
43) 2,4,5-Trichlorophenol	9.50	196	339064	49.64	ng	97
45) 1,1'-Biphenyl	9.69	154	1465550	50.04	ng	99
46) 2-Chloronaphthalene	9.70	162	1036648	48.12	ng	96
47) 2-Nitroaniline	9.93	65	332749	48.14	ng	97
48) Acenaphthylene	10.36	152	1660716	50.62	ng	100
49) Dimethylphthalate	10.24	163	1218452	49.12	ng	99
50) 2,6-Dinitrotoluene	10.33	165	254735	47.55	ng	96
51) Acenaphthene	10.64	154	988943	46.82	ng	100
52) 3-Nitroaniline	10.62	138	285014	46.76	ng	98
53) 2,4-Dinitrophenol	10.80	184	95486	45.39	ng	95
54) Dibenzofuran	10.92	168	1330315	50.97	ng	98
55) 4-Nitrophenol	11.03	139	192156	44.87	ng	96
56) 2,4-Dinitrotoluene	10.98	165	350642	50.36	ng	93
57) Fluorene	11.49	166	1132631	51.81	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.16	232	278143	52.50	ng	99
59) Diethylphthalate	11.38	149	1211391	49.52	ng	98
60) 4-Chlorophenyl-phenylether	11.51	204	545682	51.95	ng	96
61) 4-Nitroaniline	11.63	138	264298	44.81	ng	98
62) Azobenzene	11.77	77	1164447	49.67	ng	95
64) 4,6-Dinitro-2-methylphenol	11.65	198	171019	48.45	ng	89
65) n-Nitrosodiphenylamine	11.73	169	917592	49.72	ng	99
66) 4-Bromophenyl-phenylether	12.30	248	333697	51.65	ng	94
67) Hexachlorobenzene	12.37	284	358079	50.30	ng	# 84
68) Atrazine	12.64	200	269021	45.60	ng	97
69) Pentachlorophenol	12.72	266	147496	45.90	ng	97
70) Phenanthrene	13.03	178	1596880	48.58	ng	99
71) Anthracene	13.12	178	1683966	51.54	ng	99
72) Carbazole	13.43	167	1422462	50.19	ng	100
73) Di-n-butylphthalate	14.03	149	1795741	48.93	ng	100
74) Fluoranthene	14.96	202	1599187	48.81	ng	98
76) Benzidine	15.26	184	405616	37.49	ng	100
77) Pyrene	15.31	202	1612243	53.17	ng	99
79) Butylbenzylphthalate	16.45	149	690152	50.57	ng	97
80) Benzo(a)anthracene	17.17	228	1138822	46.57	ng	99
81) 3,3'-Dichlorobenzidine	17.17	252	343685	41.30	ng	98
82) Chrysene	17.21	228	1106517	46.99	ng	100
83) Bis(2-ethylhexyl)phthalate	17.27	149	912545	53.01	ng	99
84) Di-n-octyl phthalate	18.02	149	1282798	46.22	ng	100
85) Indeno(1,2,3-cd)pyrene	20.09	276	972632	51.96	ng	100
87) Benzo(b)fluoranthene	18.41	252	905399	44.39	ng	# 99
88) Benzo(k)fluoranthene	18.41	252	905399	54.27	ng	99
89) Benzo(a)pyrene	18.74	252	821608	47.68	ng	98
90) Dibenzo(a,h)anthracene	20.11	278	798579	53.70	ng	97
91) Benzo(g,h,i)perylene	20.48	276	824032	55.01	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.88 min Scan# 376

Delta R.T. -0.00 min

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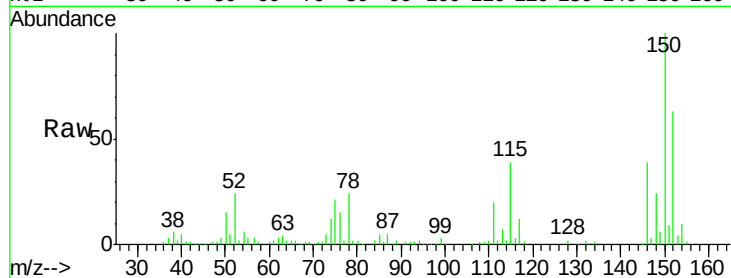
Tgt Ion:152 Resp: 171024

Ion Ratio Lower Upper

152 100

150 158.8 127.4 191.2

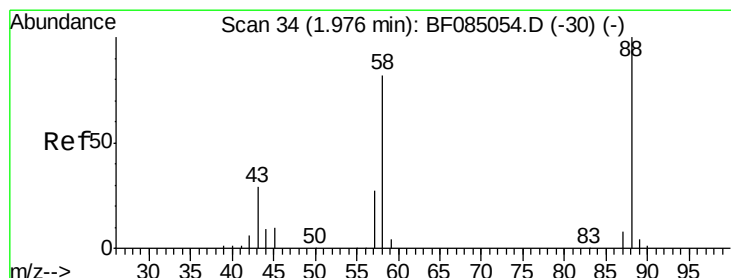
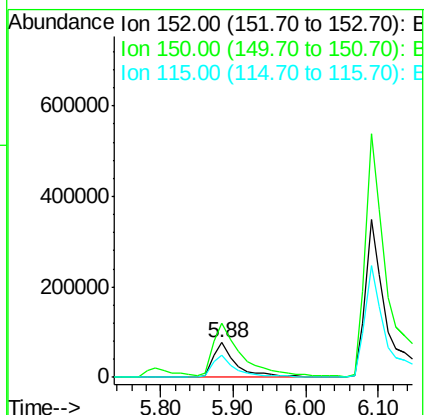
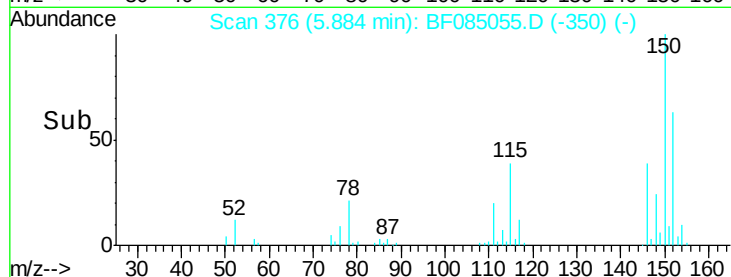
115 62.6 50.5 75.7



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: 42.25 ng

RT: 1.98 min Scan# 34

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

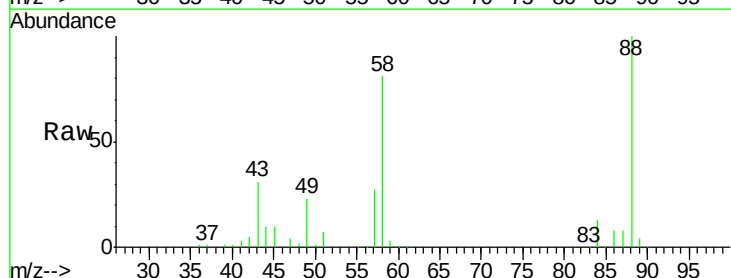
Tgt Ion: 88 Resp: 200745

Ion Ratio Lower Upper

88 100

58 92.6 70.9 106.3

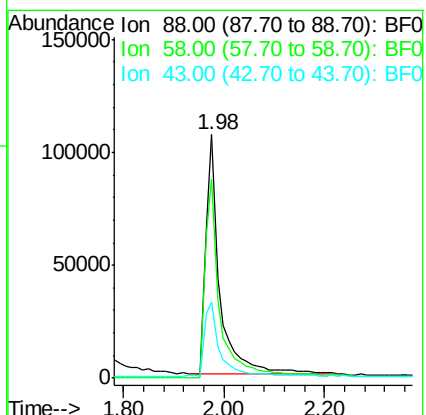
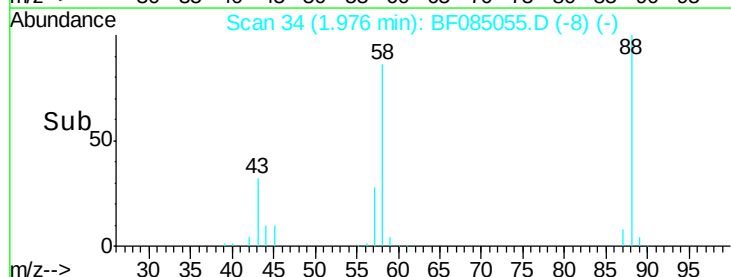
43 35.5 25.9 38.9

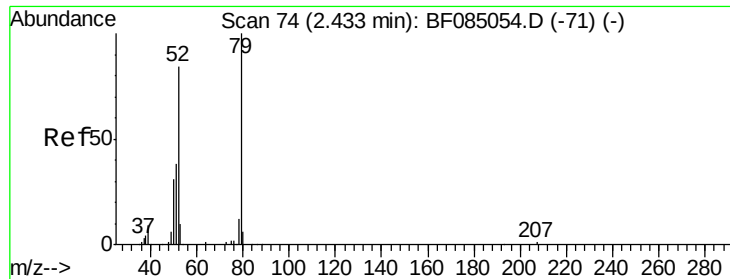


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.48 ng

RT: 2.42 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

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ClientSampleId :

SSTDIC050

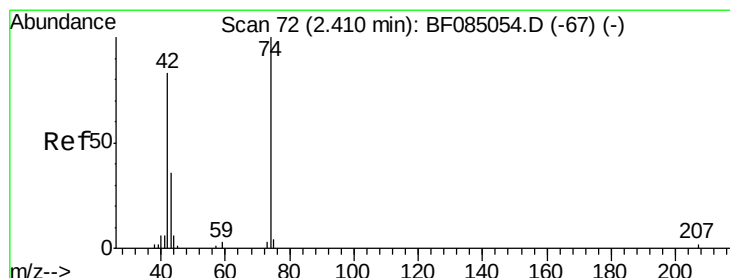
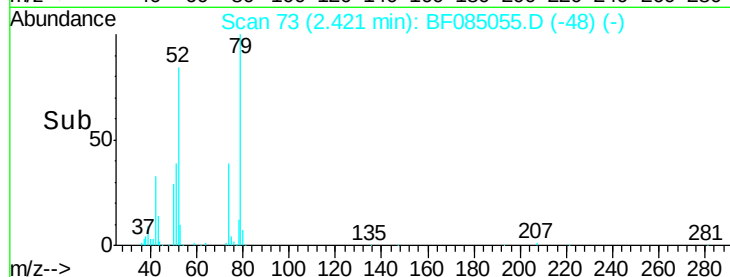
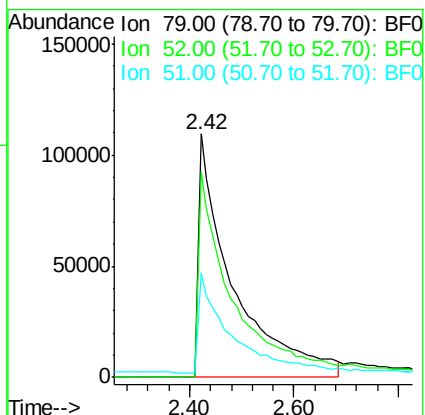
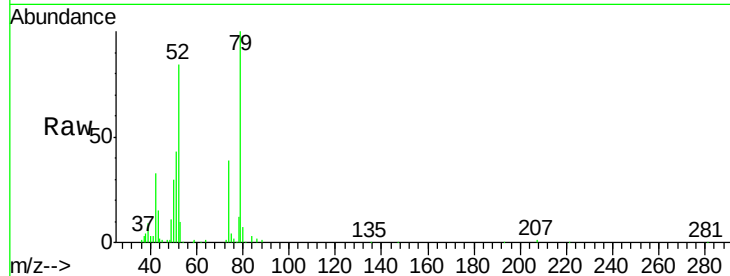
Tgt Ion: 79 Resp: 496950

Ion Ratio Lower Upper

79 100

52 84.1 67.1 100.7

51 42.9 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 39.58 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

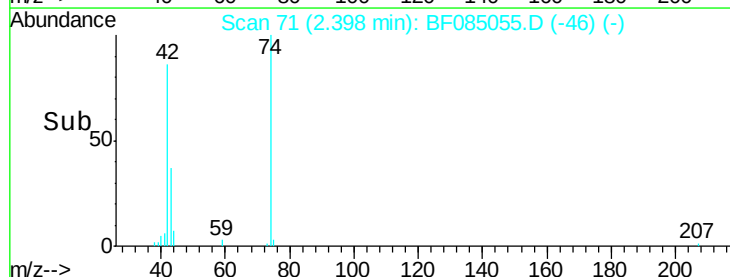
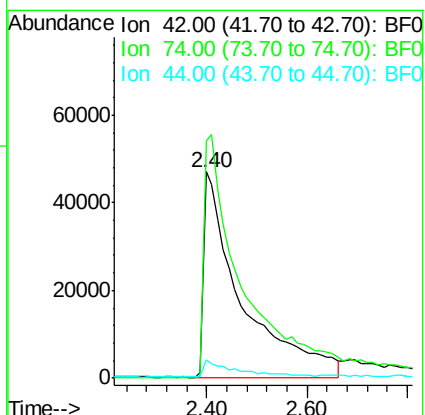
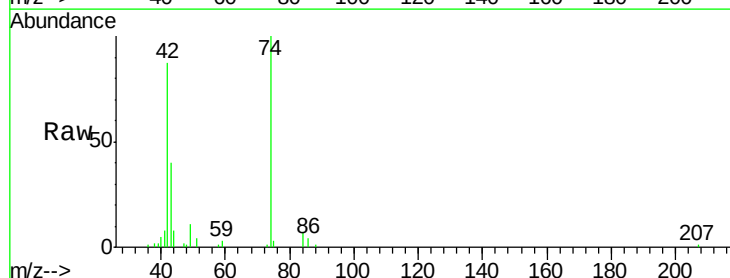
Tgt Ion: 42 Resp: 247355

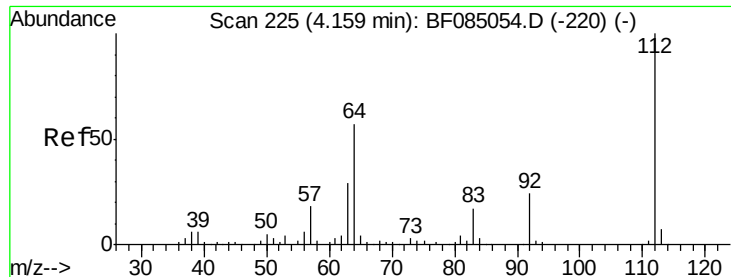
Ion Ratio Lower Upper

42 100

74 114.7 96.2 144.4

44 9.0 7.0 10.4





#5

2-Fluorophenol

Concen: 86.05 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

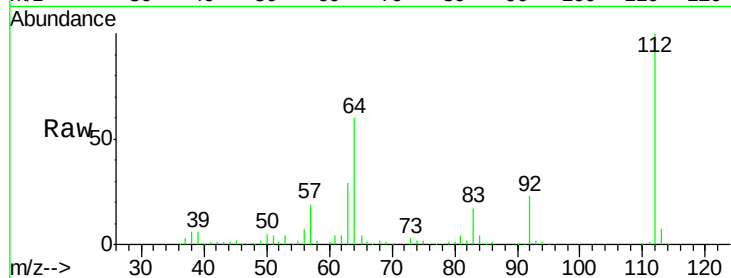
Tgt Ion: 112 Resp: 928867

Ion Ratio Lower Upper

112 100

64 59.7 45.4 68.2

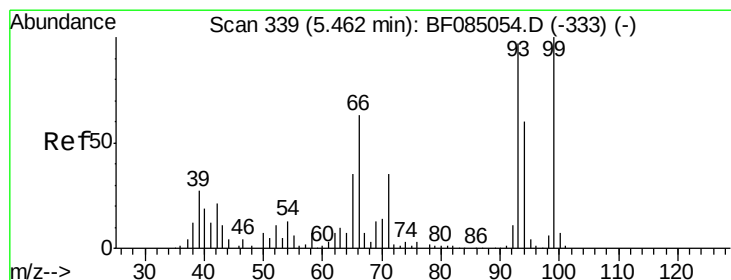
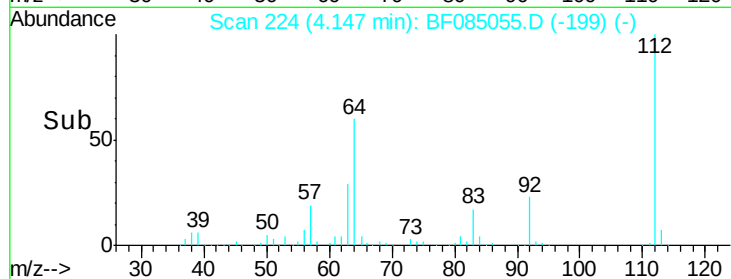
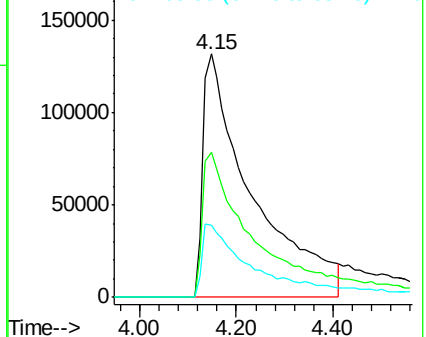
63 29.5 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 45.37 ng

RT: 5.46 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

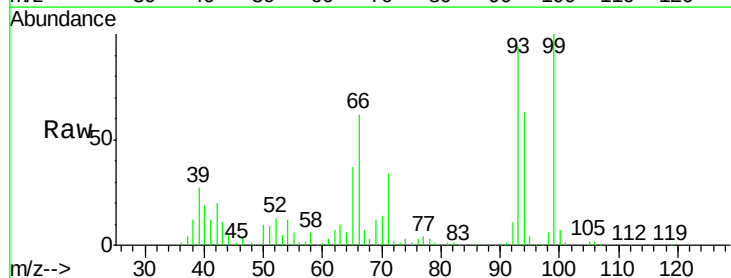
Tgt Ion: 93 Resp: 747769

Ion Ratio Lower Upper

93 100

66 66.5 51.8 77.8

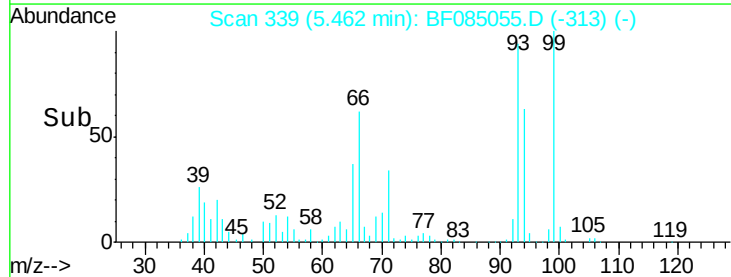
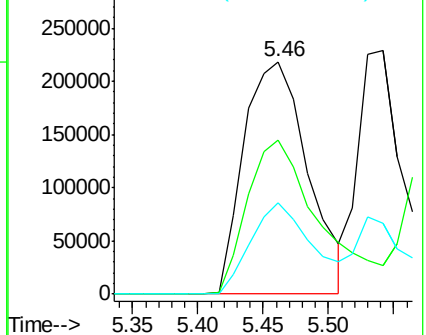
65 39.2 28.5 42.7

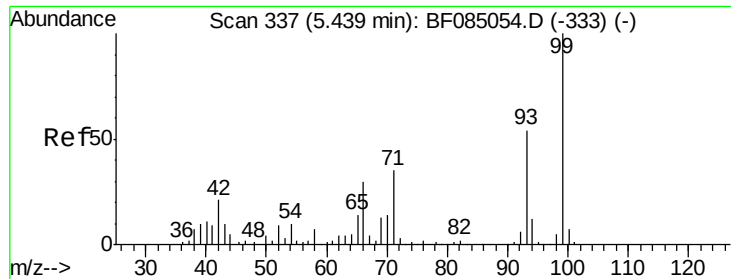


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.67 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

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ClientSampleId :

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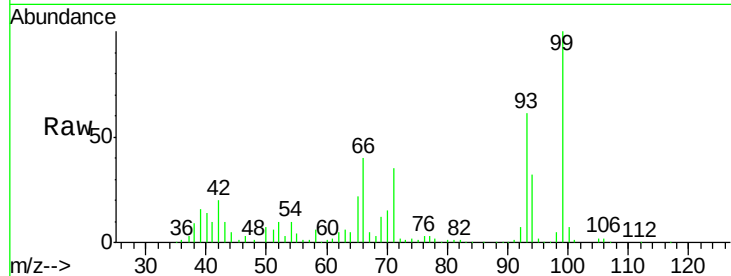
Tgt Ion: 99 Resp: 1330287

Ion Ratio Lower Upper

99 100

42 19.9 17.0 25.4

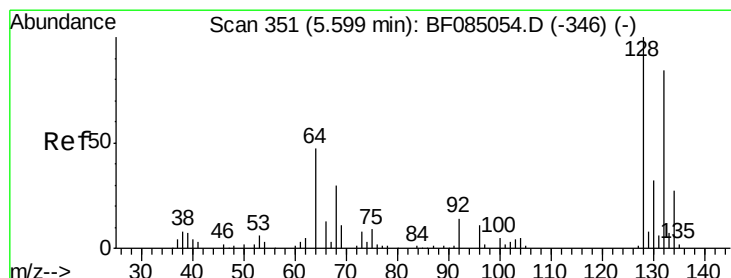
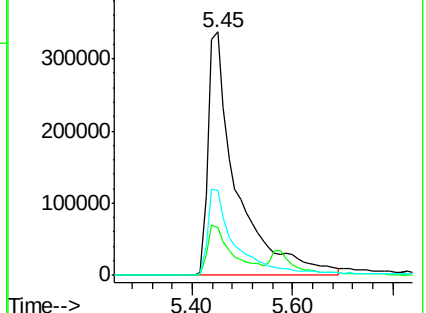
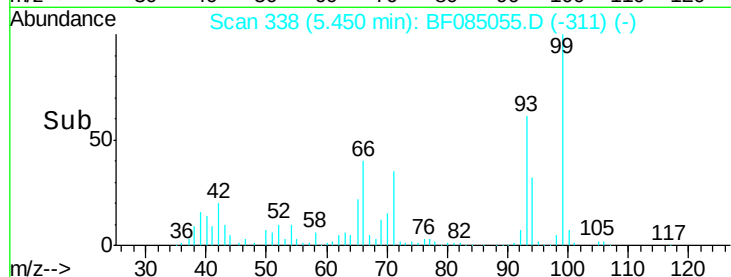
71 34.7 28.3 42.5



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: 48.92 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

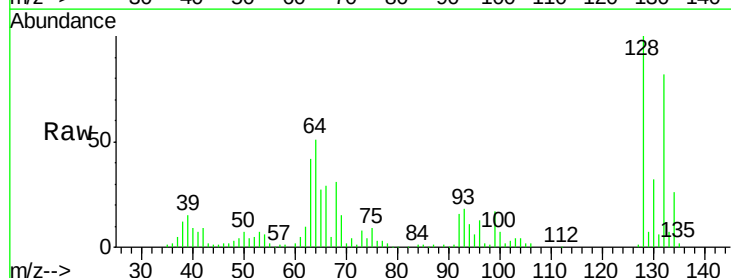
Tgt Ion:128 Resp: 606910

Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

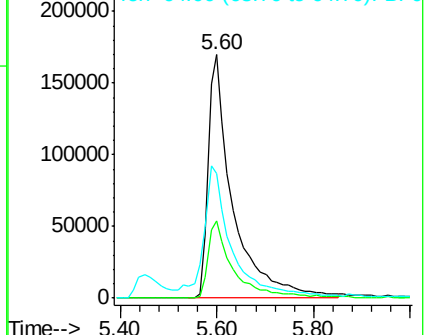
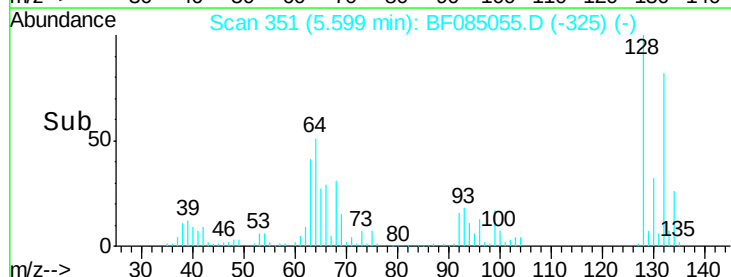
64 51.1 32.1 72.1

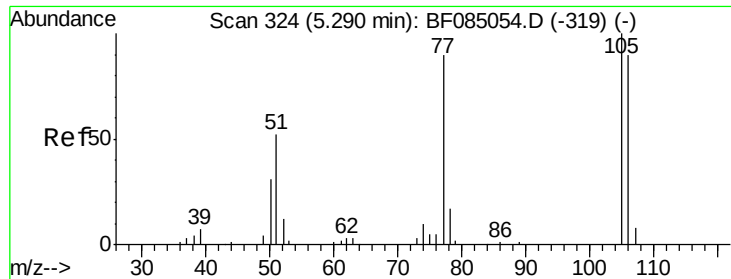


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

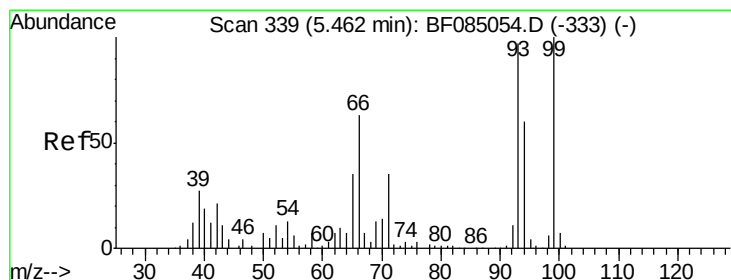
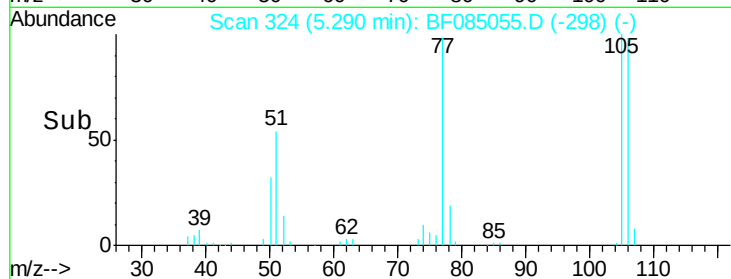
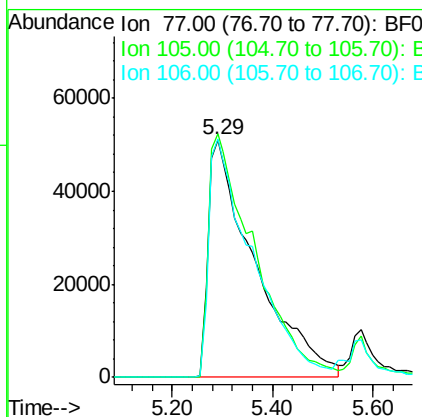
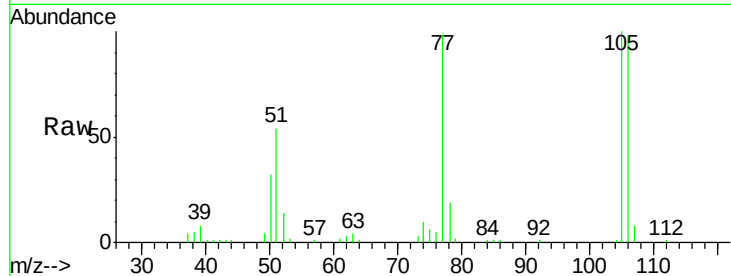




#9
Benzaldehyde
Concen: 41.54 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

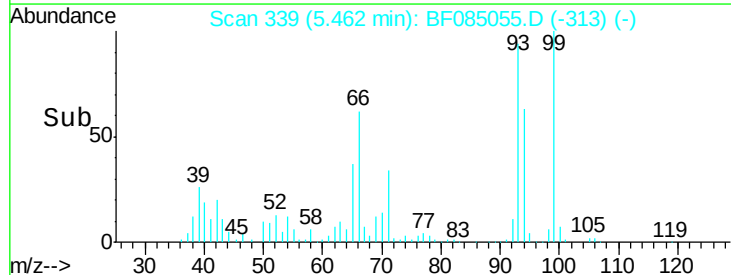
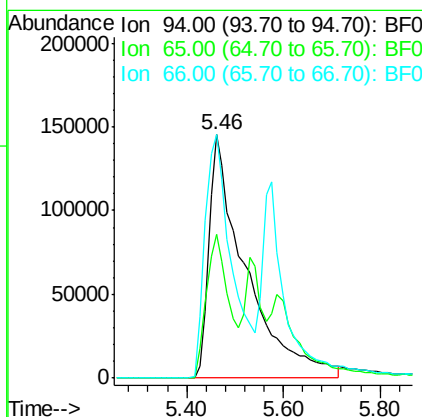
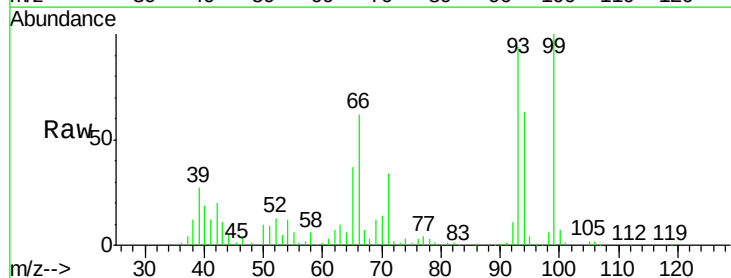
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

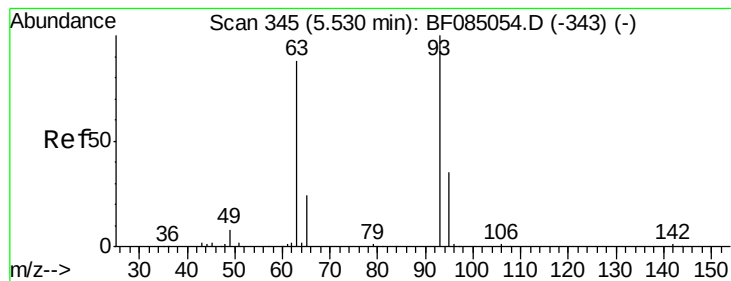
Tgt Ion: 77 Resp: 328481
Ion Ratio Lower Upper
77 100
105 102.4 90.9 130.9
106 100.3 79.7 119.7



#10
Phenol
Concen: 49.39 ng
RT: 5.46 min Scan# 339
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion: 94 Resp: 769124
Ion Ratio Lower Upper
94 100
65 58.8 37.3 77.3
66 99.8 84.1 124.1





#11

bis(2-Chloroethyl)ether

Concen: 54.37 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

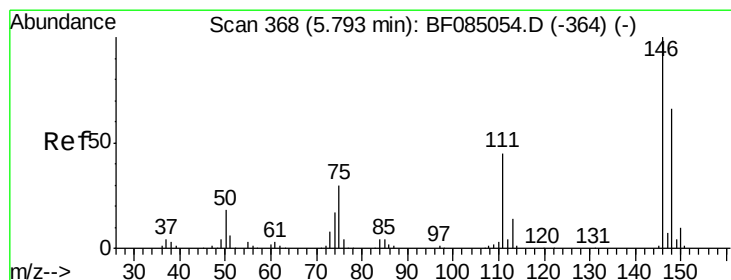
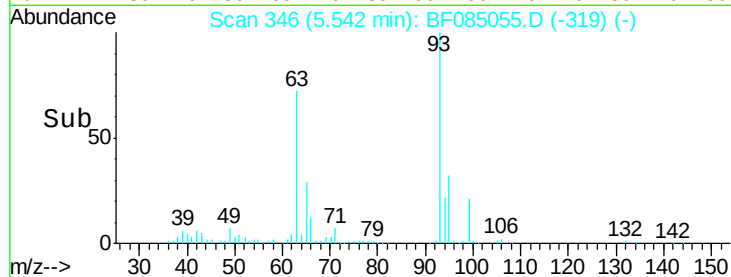
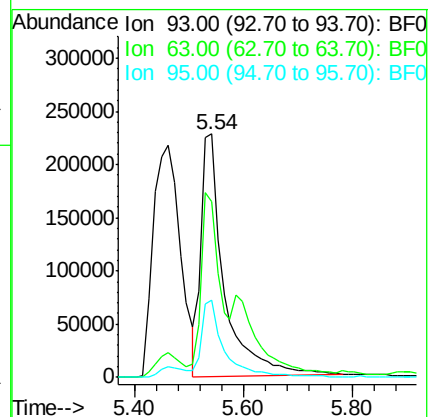
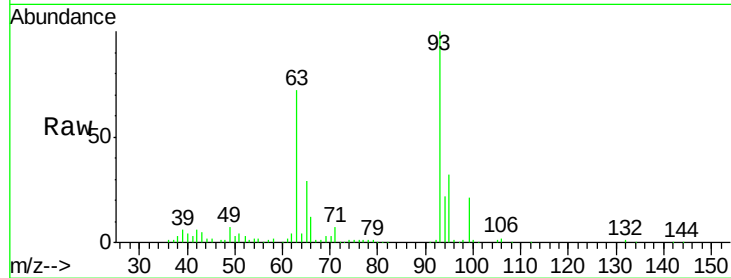
Tgt Ion: 93 Resp: 666937

Ion Ratio Lower Upper

93 100

63 72.4 53.6 93.6

95 31.9 10.1 50.1



#12

1,3-Dichlorobenzene

Concen: 46.55 ng

RT: 5.79 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

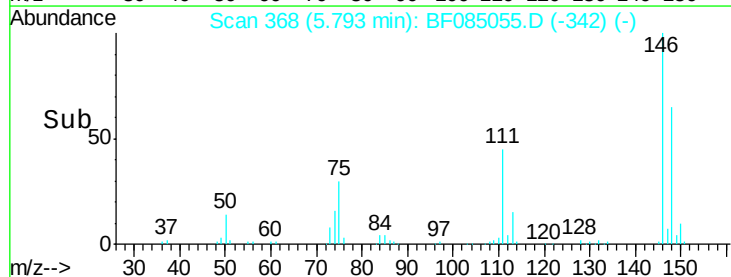
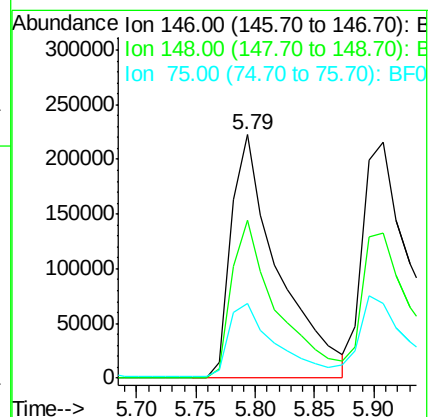
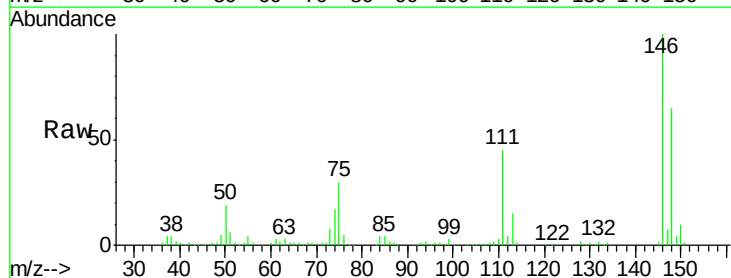
Tgt Ion: 146 Resp: 610635

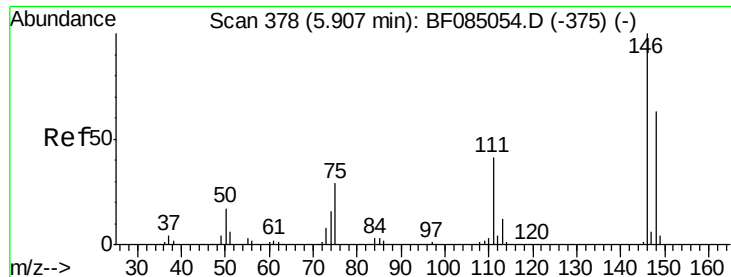
Ion Ratio Lower Upper

146 100

148 65.1 53.1 79.7

75 30.5 24.4 36.6

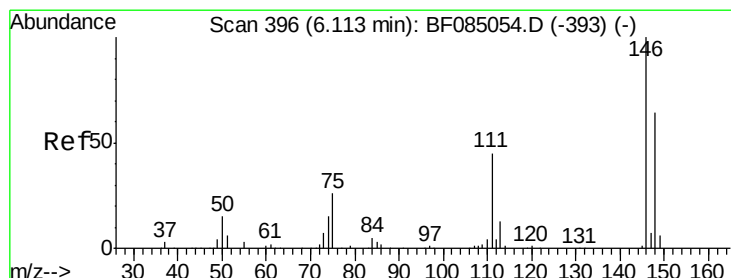
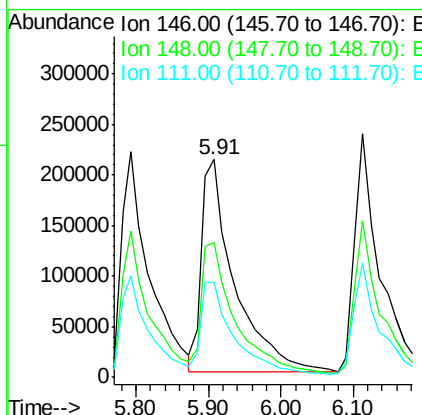
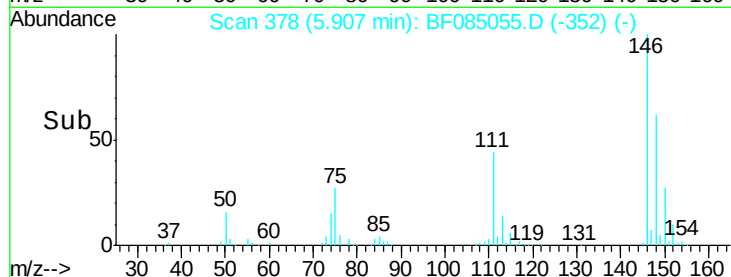
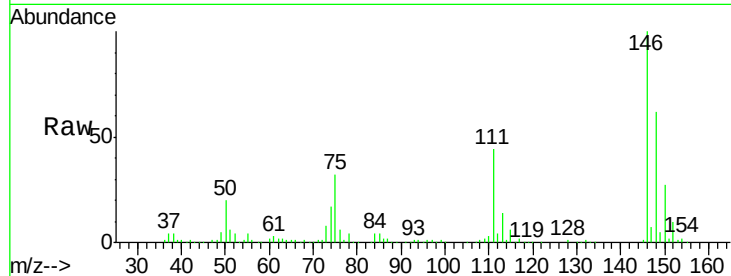




#13
 1,4-Dichlorobenzene
 Concen: 50.28 ng
 RT: 5.91 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

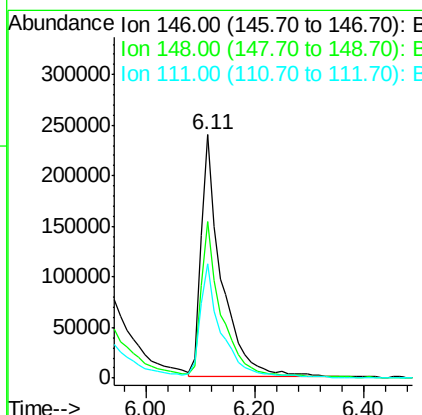
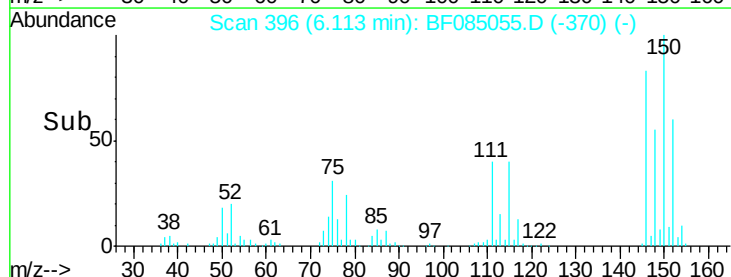
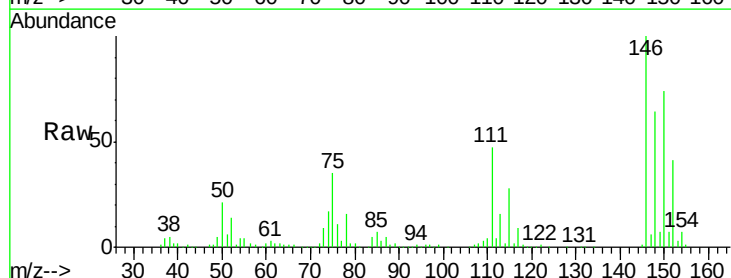
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

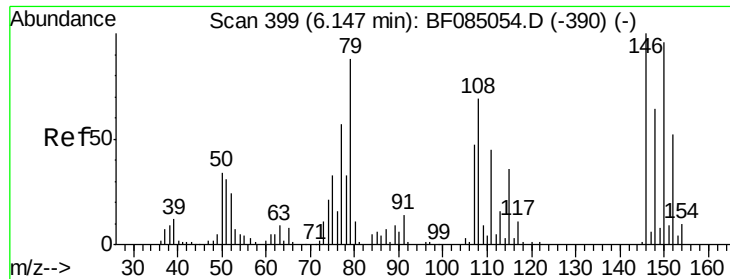
Tgt Ion:146 Resp: 665458
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.3 75.5
 111 43.7 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 50.25 ng
 RT: 6.11 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion:146 Resp: 614457
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 47.1 36.5 54.7

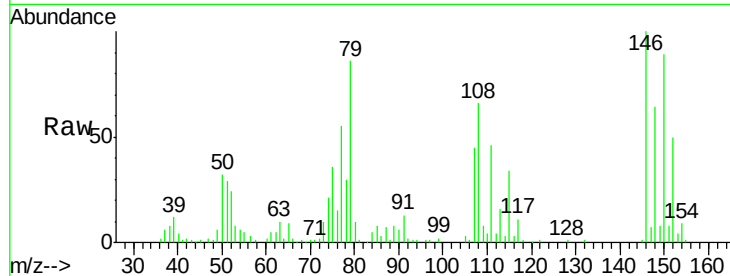




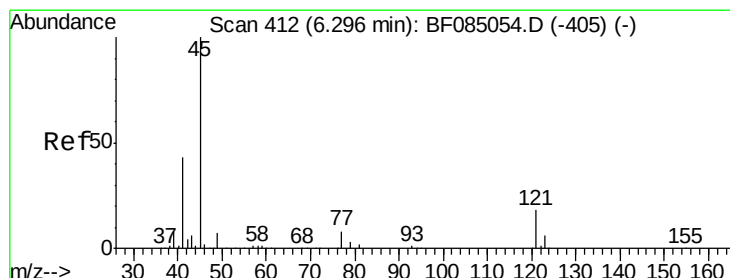
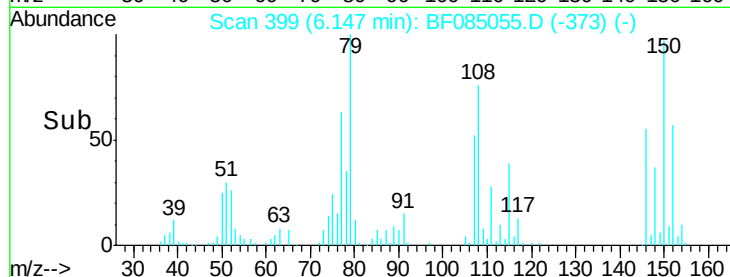
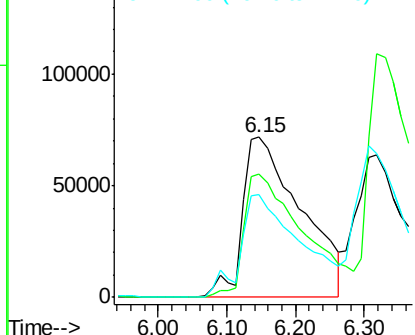
#15
Benzyl Alcohol
Concen: 45.48 ng
RT: 6.15 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 79 Resp: 423630
Ion Ratio Lower Upper
79 100
108 76.7 63.4 95.0
77 63.9 51.8 77.6

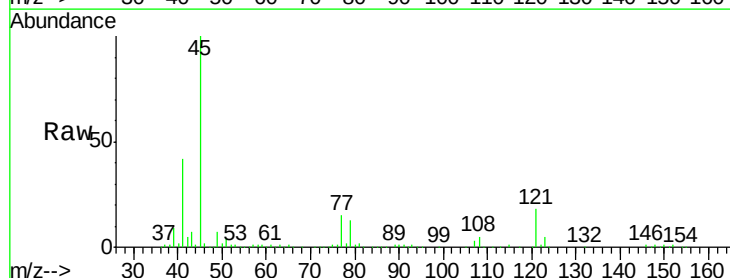


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

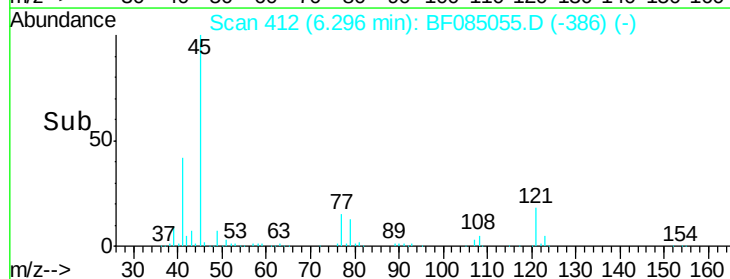
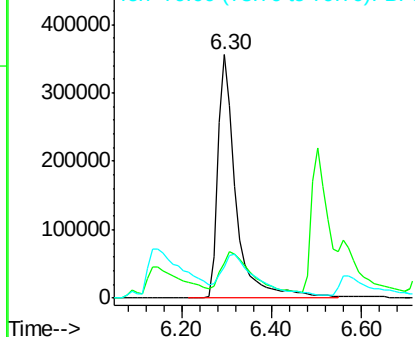


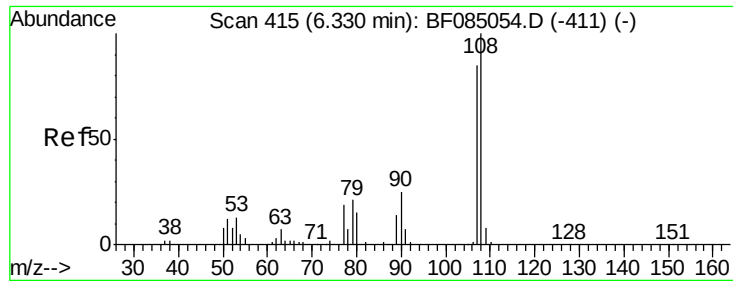
#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.31 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion: 45 Resp: 996742
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.2
79 12.8 0.0 33.7



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

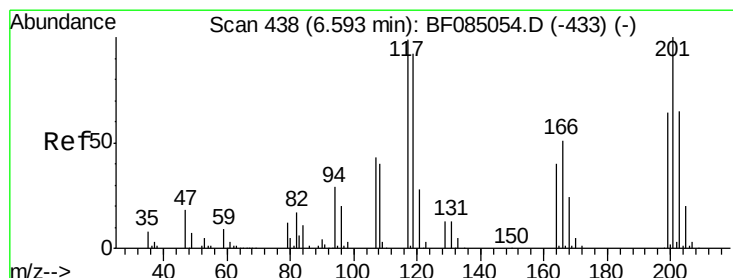
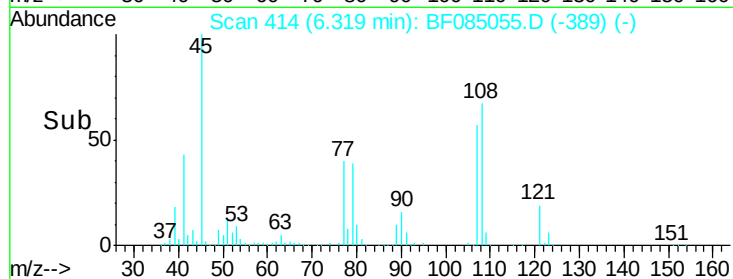
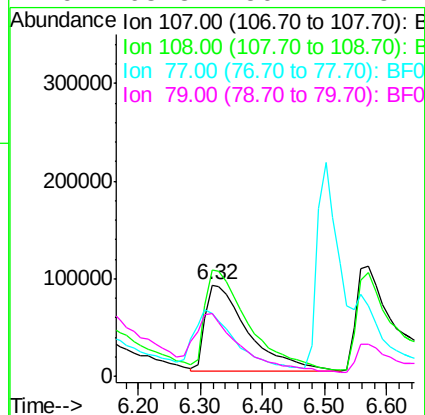
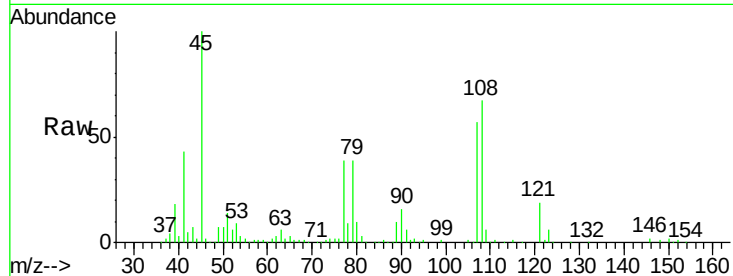




#17
2-Methylphenol
Concen: 43.29 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

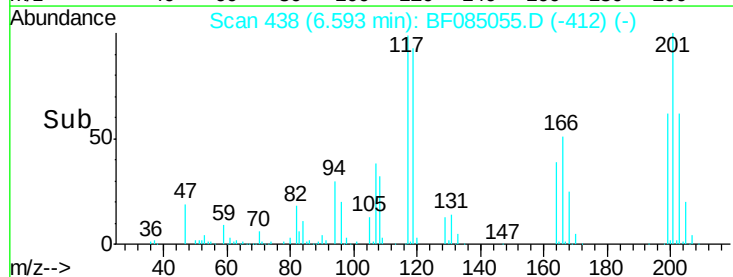
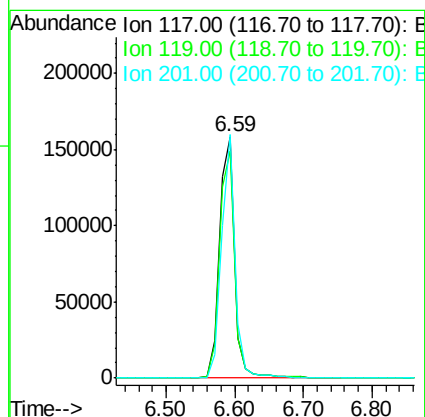
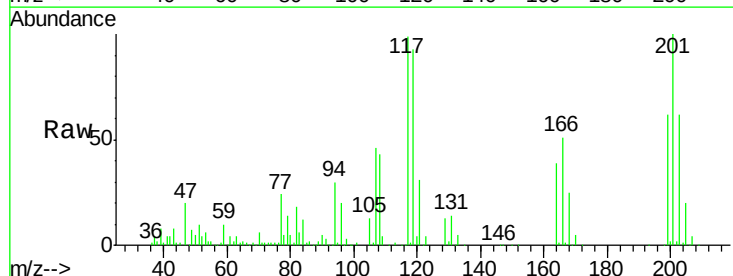
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

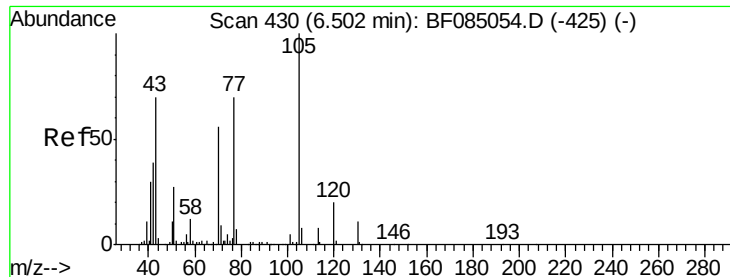
Tgt Ion:107 Resp: 414241
Ion Ratio Lower Upper
107 100
108 116.4 97.0 145.4
77 68.9 50.5 75.7
79 68.3 50.1 75.1



#18
Hexachloroethane
Concen: 49.05 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion:117 Resp: 247838
Ion Ratio Lower Upper
117 100
119 94.3 74.5 111.7
201 101.0 80.9 121.3

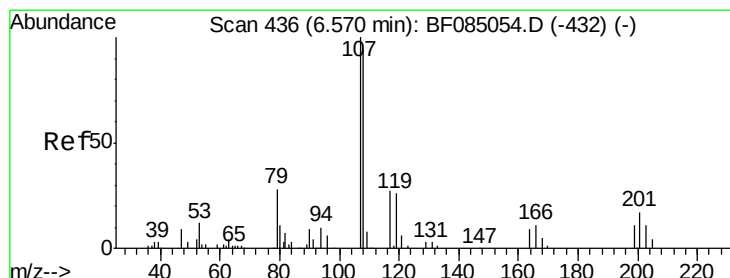
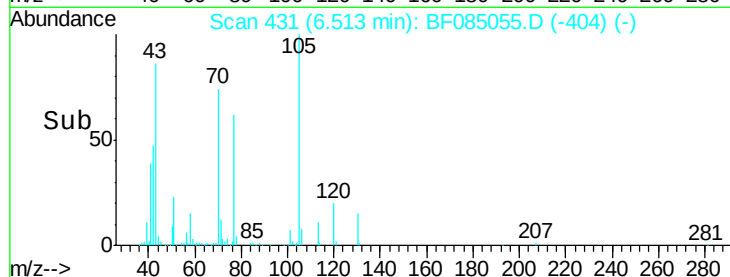
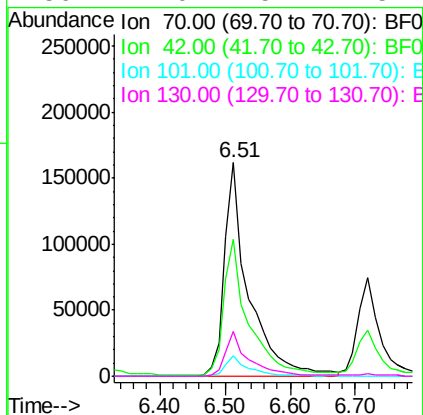
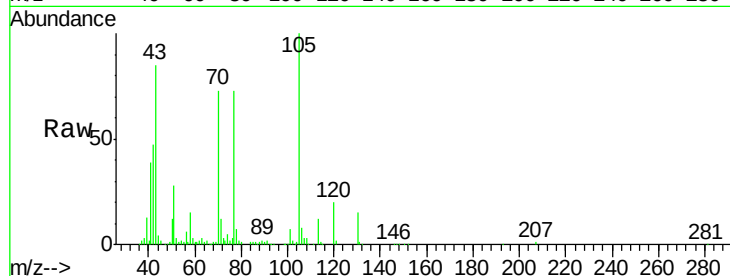




#19
n-Nitroso-di-n-propylamine
Concen: 48.19 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

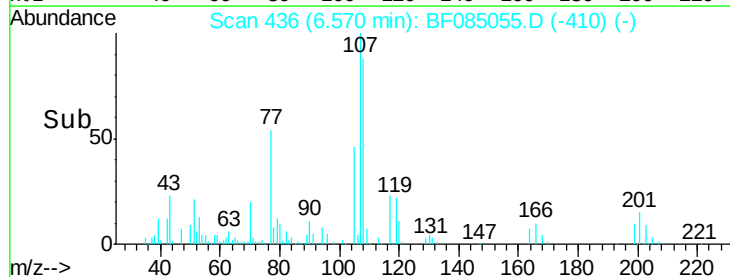
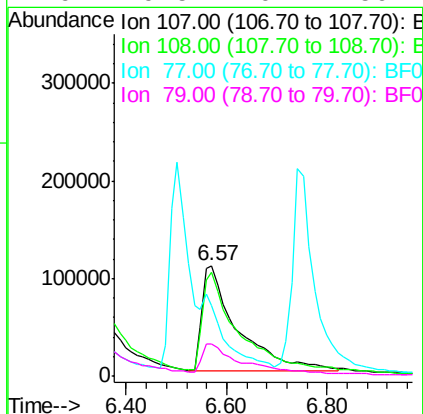
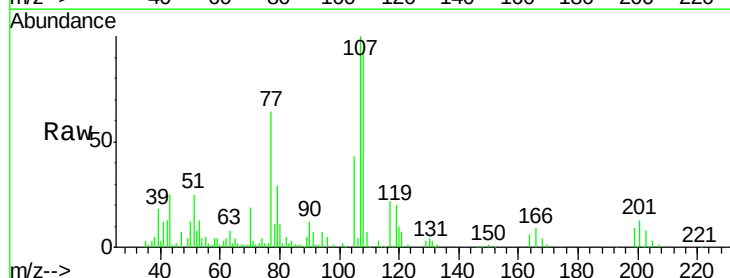
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

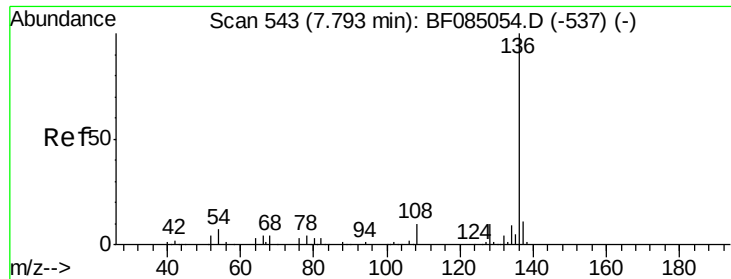
Tgt Ion: 70 Resp: 414794
Ion Ratio Lower Upper
70 100
42 64.3 55.8 83.6
101 9.7 7.7 11.5
130 21.0 15.4 23.2



#20
3+4-Methylphenols
Concen: 43.22 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion: 107 Resp: 518538
Ion Ratio Lower Upper
107 100
108 93.4 74.4 114.4
77 64.3 46.9 86.9
79 29.5 10.4 50.4

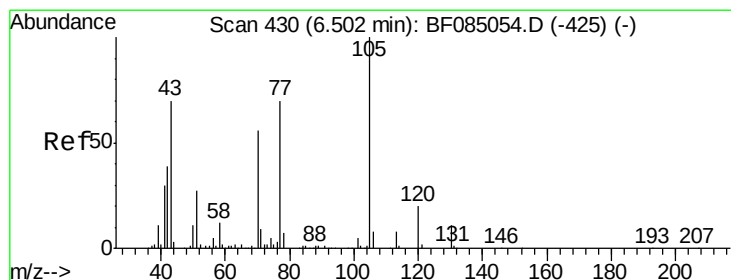
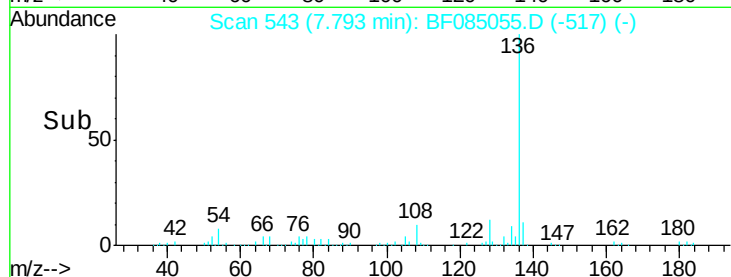
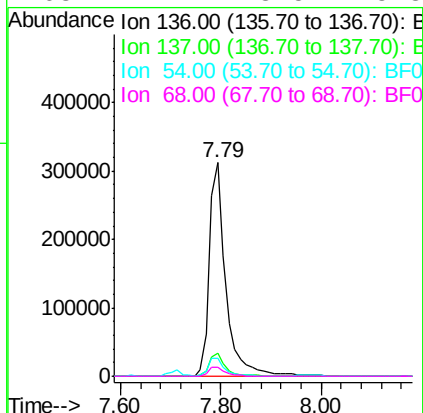
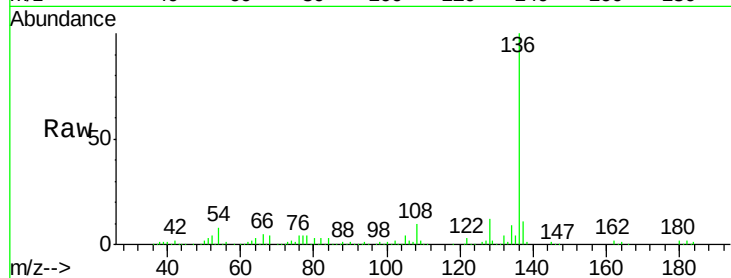




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

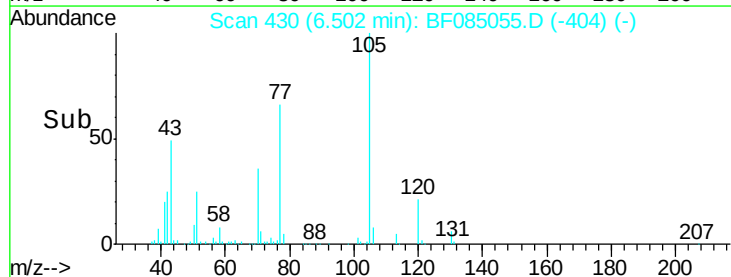
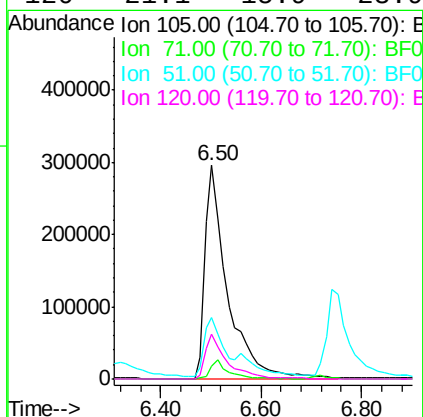
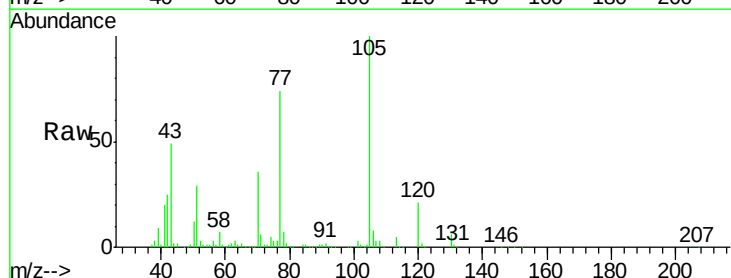
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

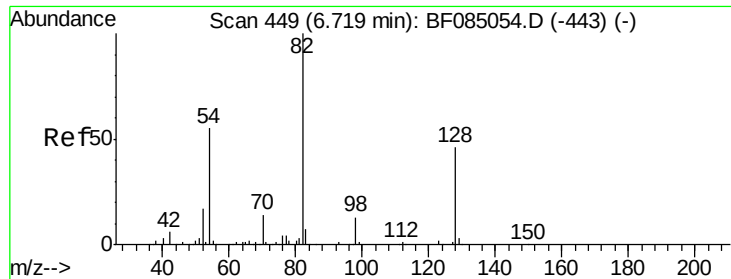
Tgt Ion:	136	Resp:	714552
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.1	9.1
68	4.2	3.5	5.3



#22
Acetophenone
Concen: 49.26 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion:	105	Resp:	929654
Ion	Ratio	Lower	Upper
105	100		
71	5.9	7.5	11.3#
51	29.0	23.1	34.7
120	21.1	15.9	23.9

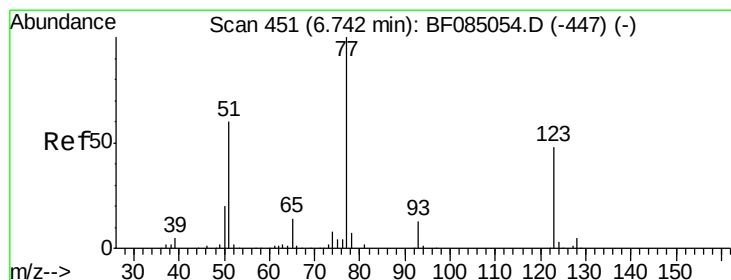
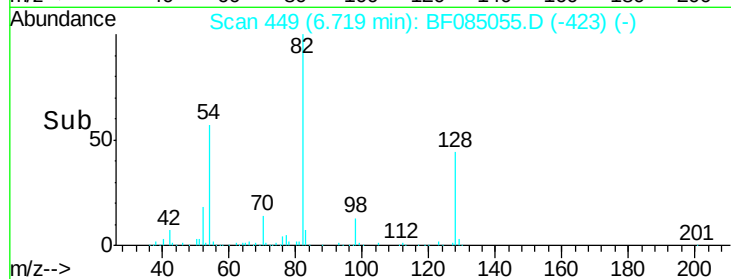
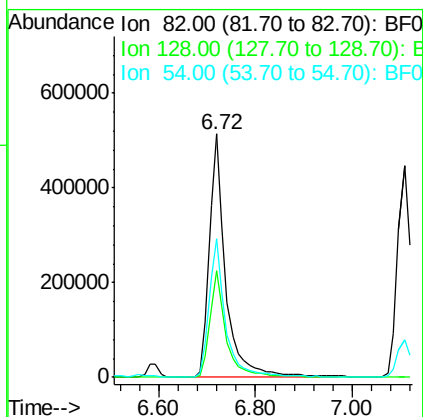
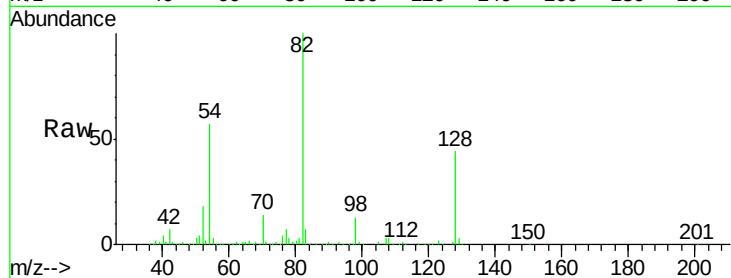




#23
 Nitrobenzene-d5
 Concen: 97.39 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

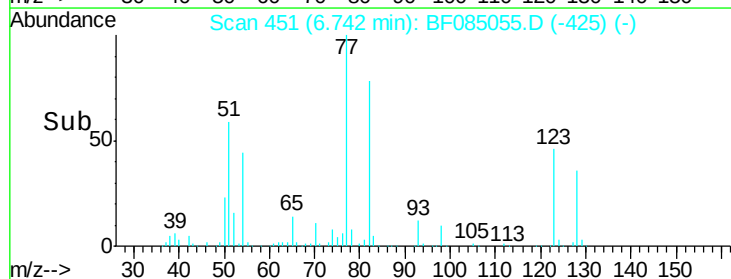
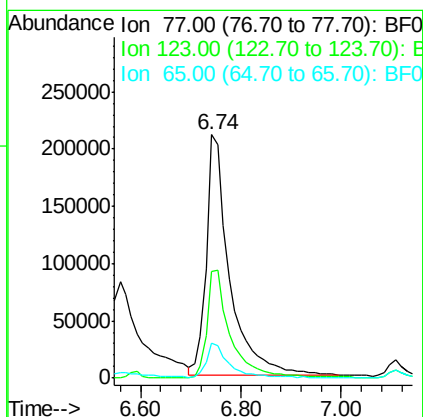
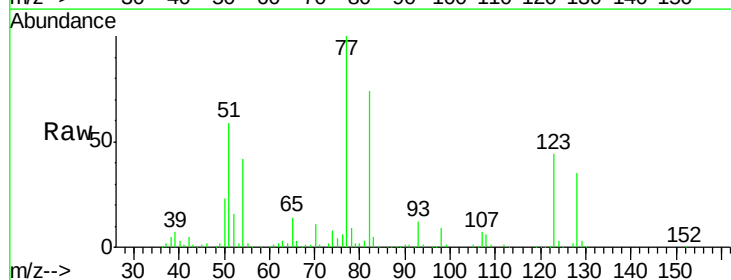
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

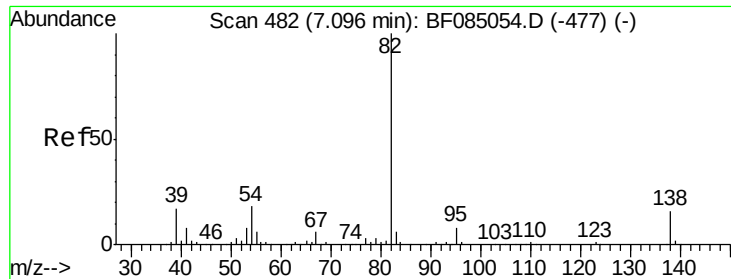
Tgt Ion: 82 Resp: 1227384
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.8 55.2
 54 57.2 44.4 66.6



#24
 Nitrobenzene
 Concen: 49.12 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion: 77 Resp: 675553
 Ion Ratio Lower Upper
 77 100
 123 43.8 36.5 54.7
 65 14.2 10.9 16.3





#25

Isophorone

Concen: 45.77 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

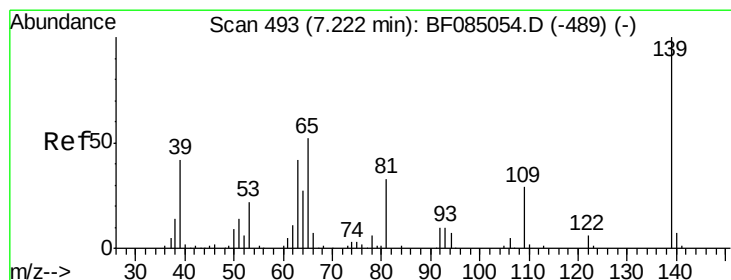
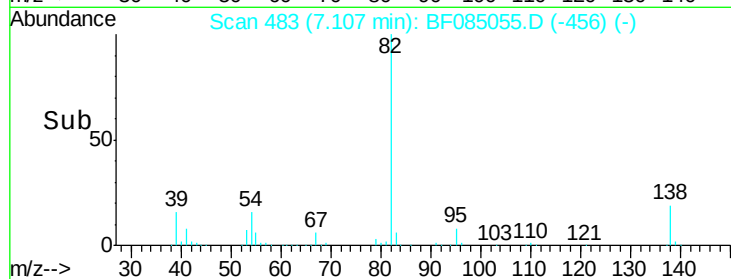
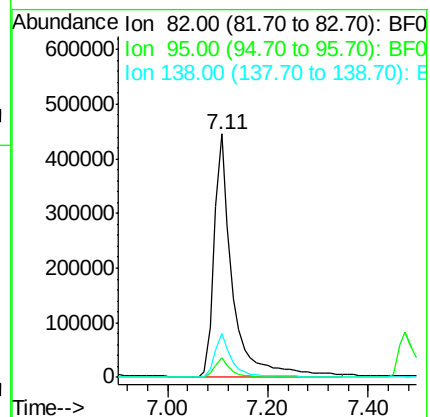
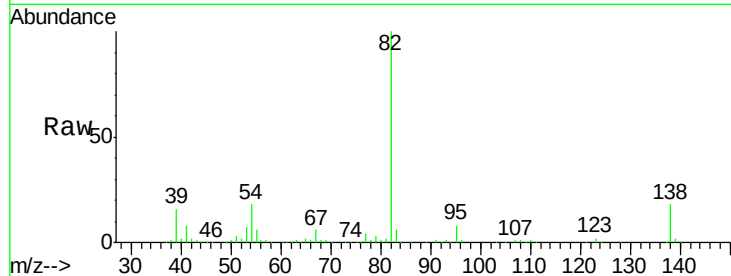
Tgt Ion: 82 Resp: 1112887

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

138 17.8 13.1 19.7



#26

2-Nitrophenol

Concen: 49.12 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

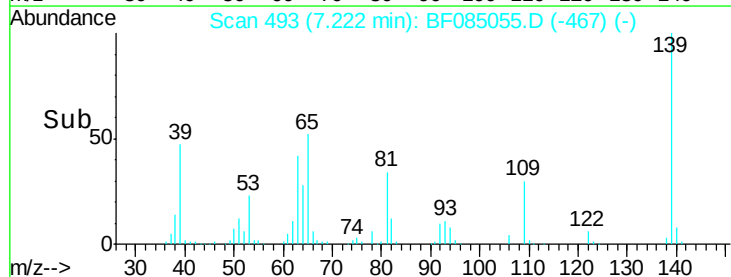
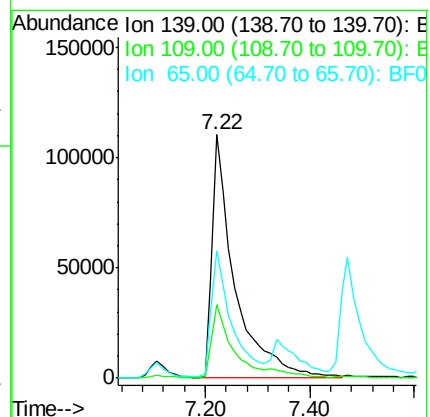
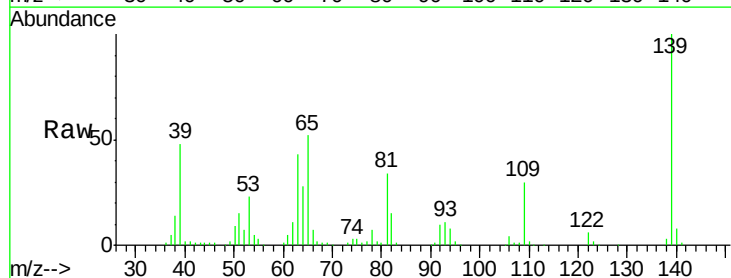
Tgt Ion: 139 Resp: 329005

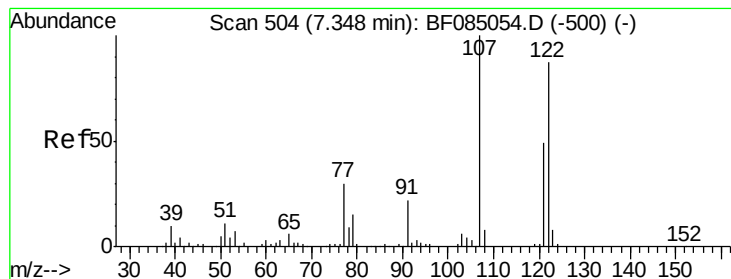
Ion Ratio Lower Upper

139 100

109 30.3 23.4 35.2

65 52.4 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 45.53 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

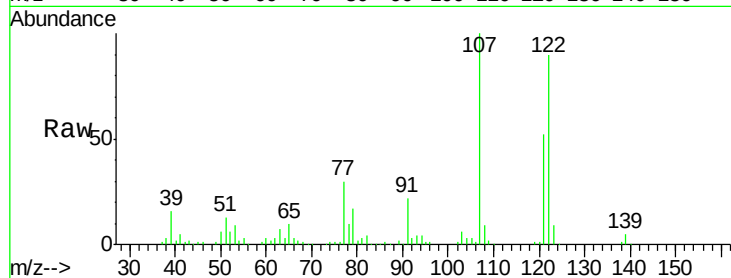
Tgt Ion:122 Resp: 528427

Ion Ratio Lower Upper

122 100

107 110.5 91.8 137.8

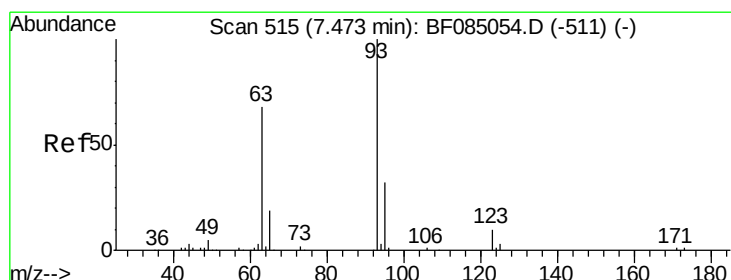
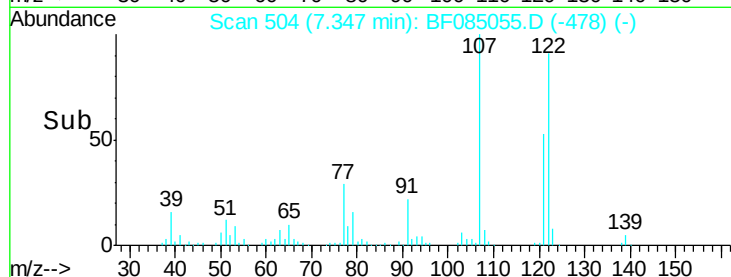
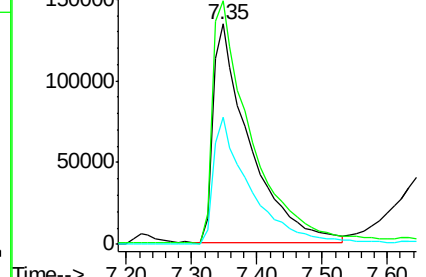
121 57.5 45.0 67.4



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: 47.17 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

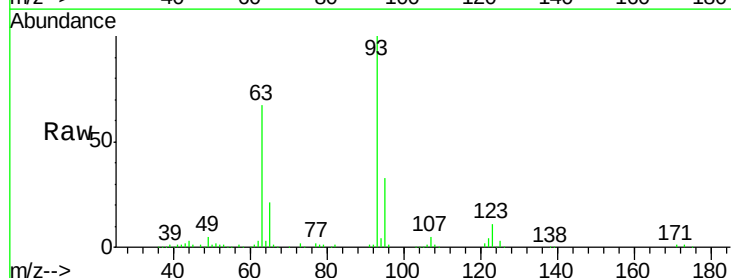
Tgt Ion: 93 Resp: 687588

Ion Ratio Lower Upper

93 100

95 32.6 25.6 38.4

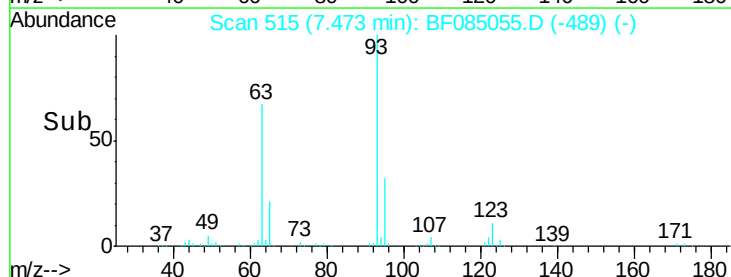
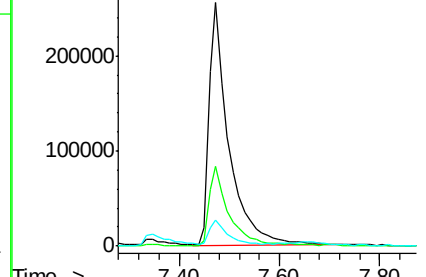
123 10.9 8.7 13.1

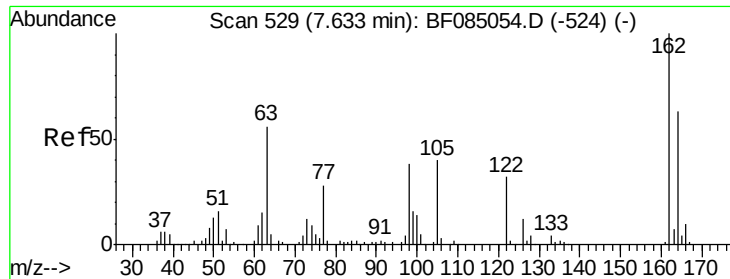


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

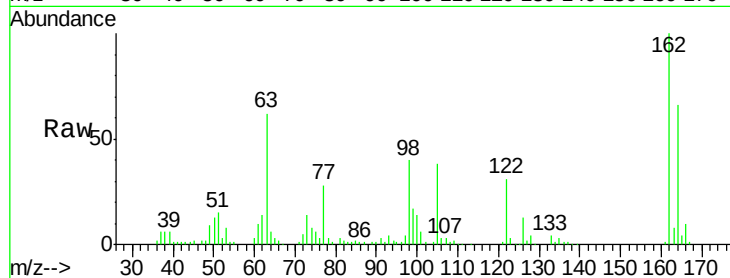




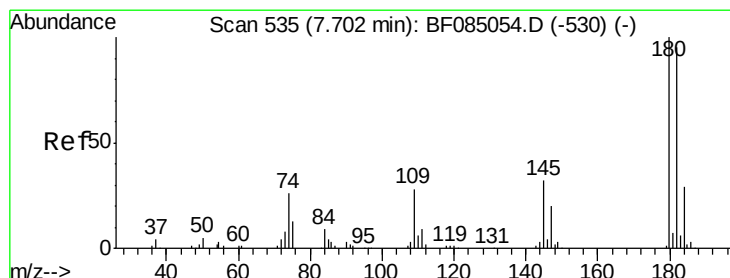
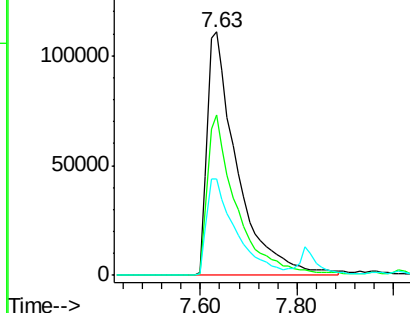
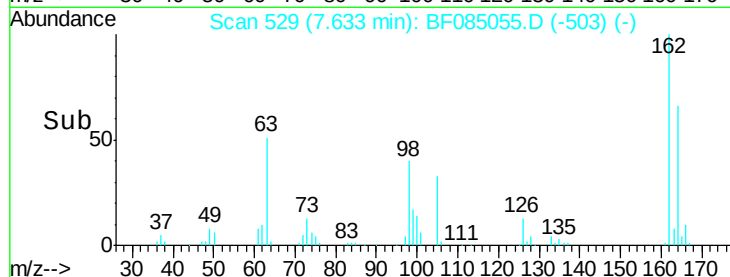
#29
 2,4-Dichlorophenol
 Concen: 48.85 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.8	82.8
98	39.8	17.6	57.6

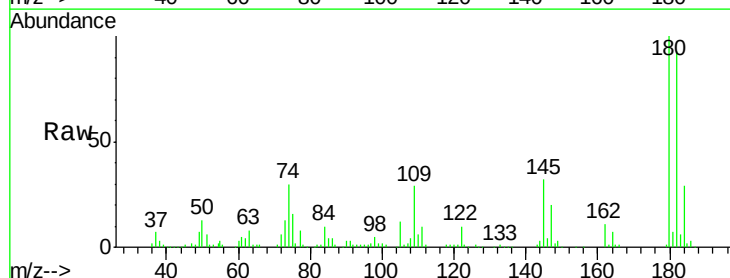


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

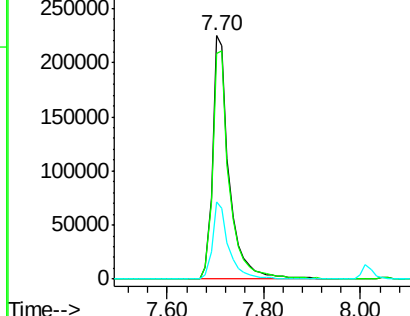
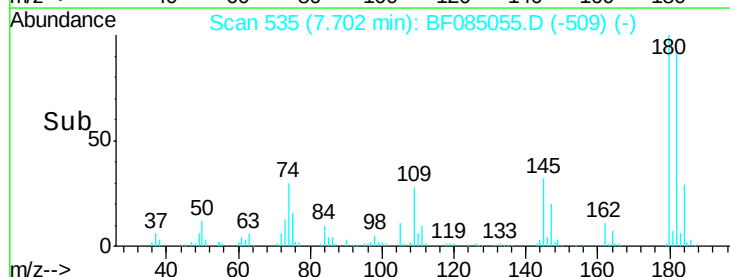


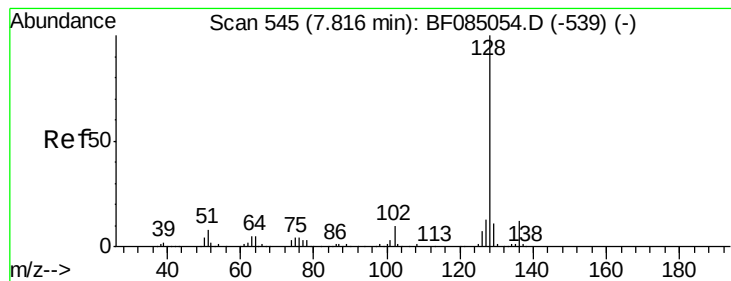
#30
 1,2,4-Trichlorobenzene
 Concen: 48.60 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.8
145	31.9	25.9	38.9



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





#31

Naphthalene

Concen: 48.39 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

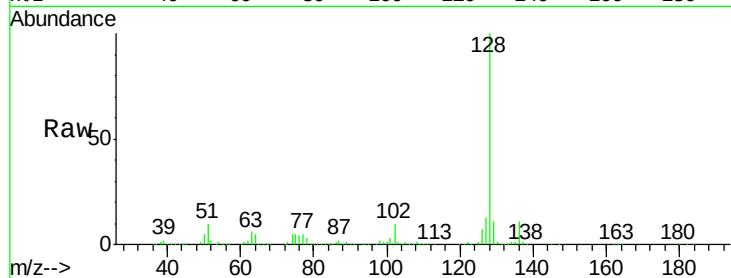
Tgt Ion:128 Resp: 1743896

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

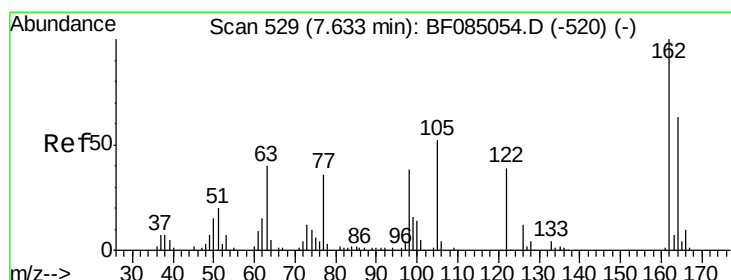
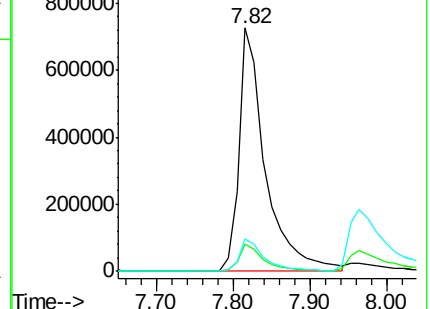
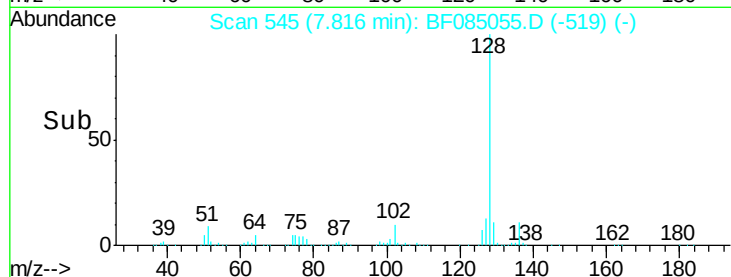
127 13.2 10.3 15.5



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: 36.22 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.02 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

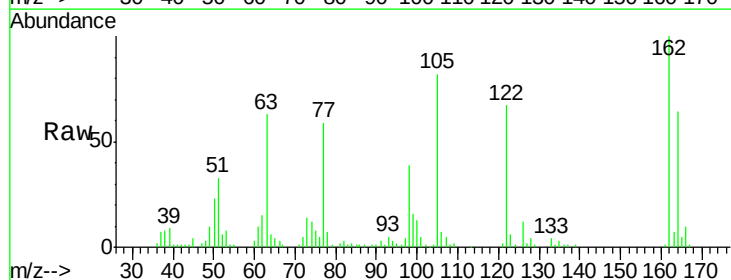
Tgt Ion:122 Resp: 257468

Ion Ratio Lower Upper

122 100

105 122.0 101.3 141.3

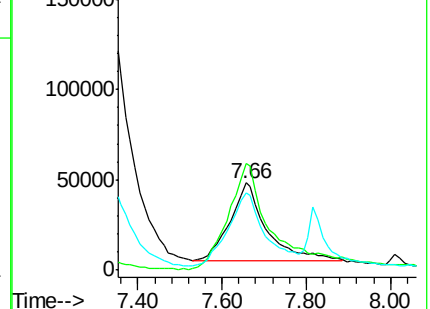
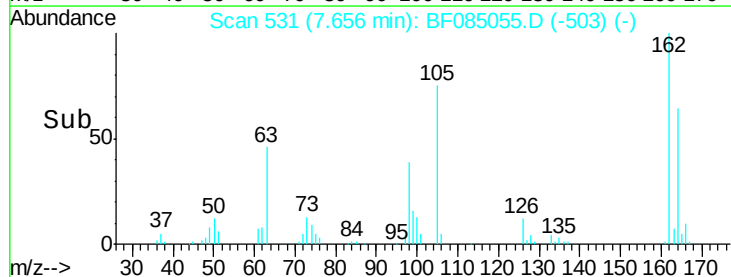
77 88.5 70.0 110.0

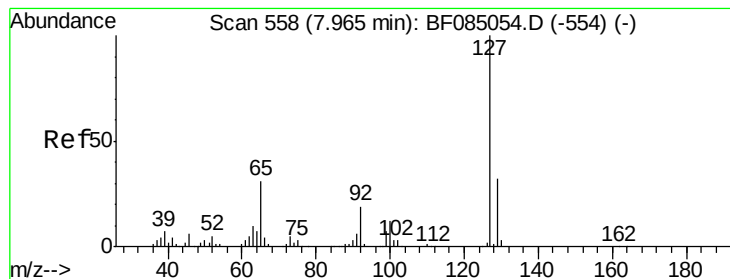


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 44.78 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:127 Resp: 664686

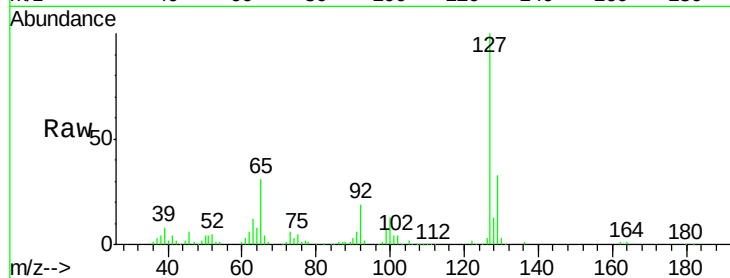
Ion Ratio Lower Upper

127 100

129 32.8 26.6 39.8

65 31.4 24.7 37.1

92 19.5 15.1 22.7

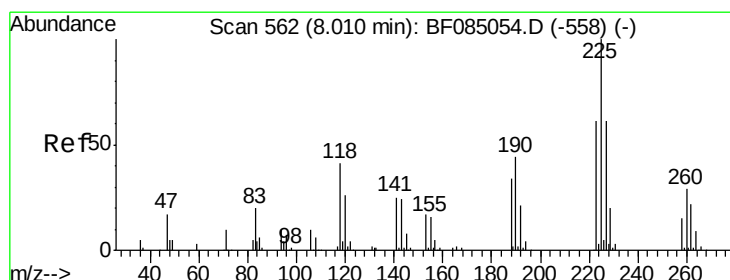
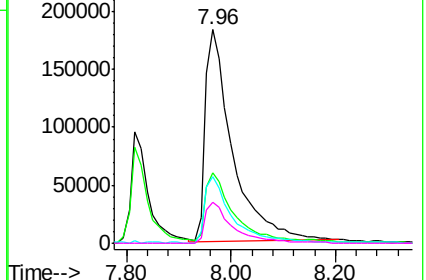
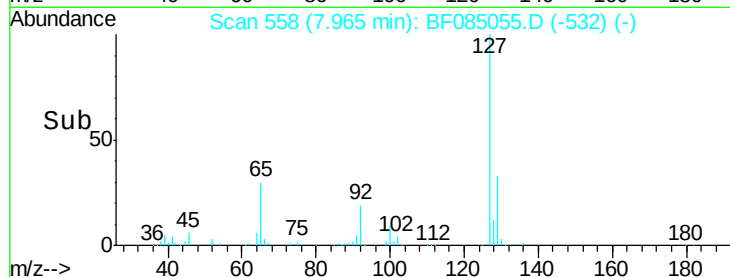


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.79 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

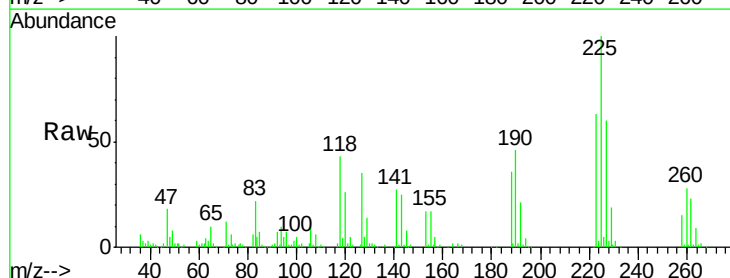
Tgt Ion:225 Resp: 308390

Ion Ratio Lower Upper

225 100

223 63.0 48.6 73.0

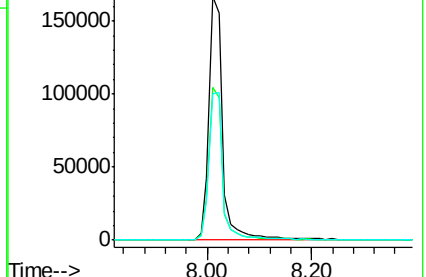
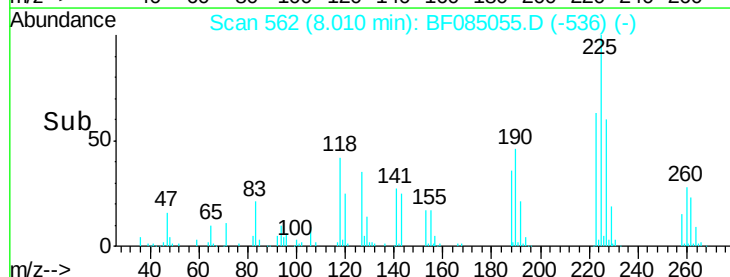
227 60.0 48.9 73.3

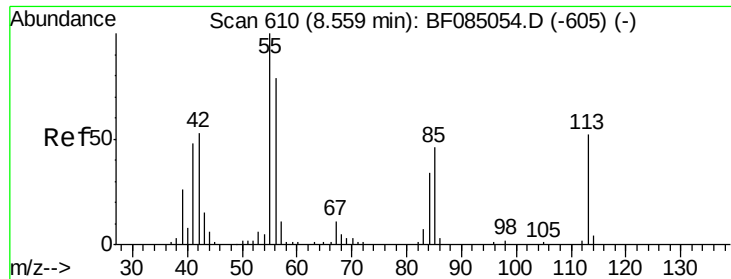


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.91 ng

RT: 8.58 min Scan# 612

Delta R.T. 0.02 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

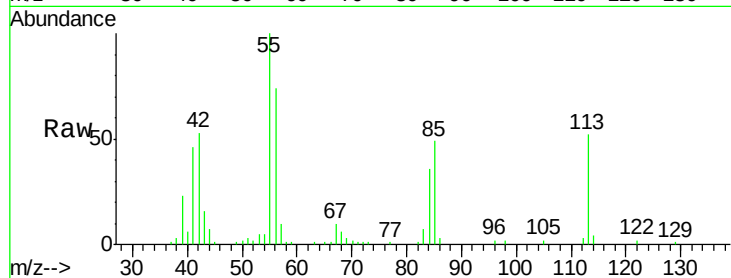
Tgt Ion:113 Resp: 129439

Ion Ratio Lower Upper

113 100

55 191.9 173.1 213.1

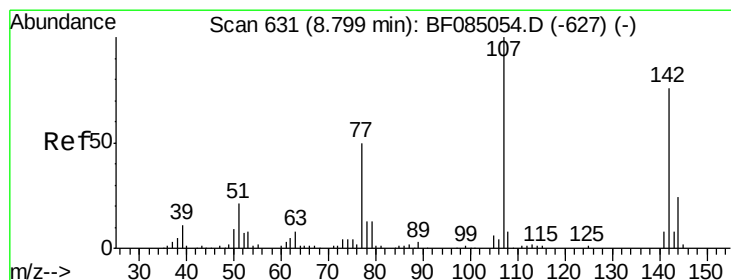
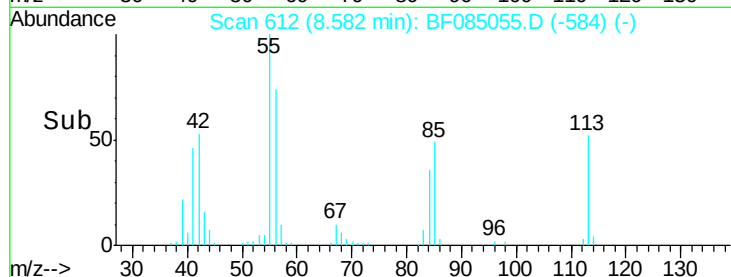
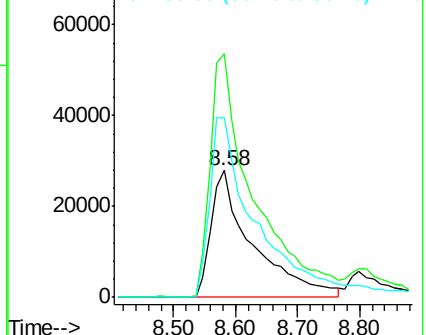
56 141.4 132.9 172.9



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: 47.90 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

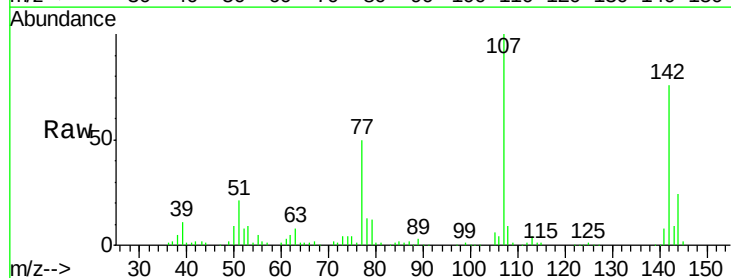
Tgt Ion:107 Resp: 547993

Ion Ratio Lower Upper

107 100

144 24.4 19.2 28.8

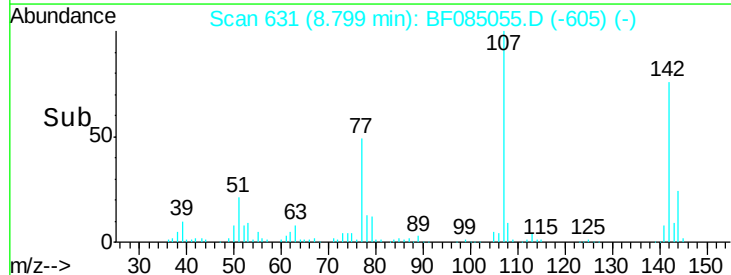
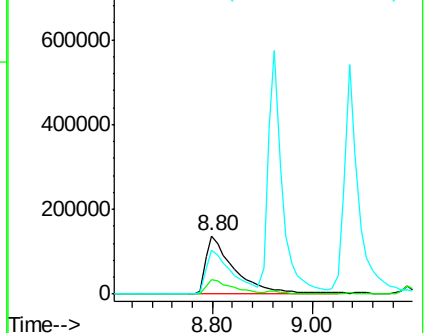
142 76.2 60.6 91.0

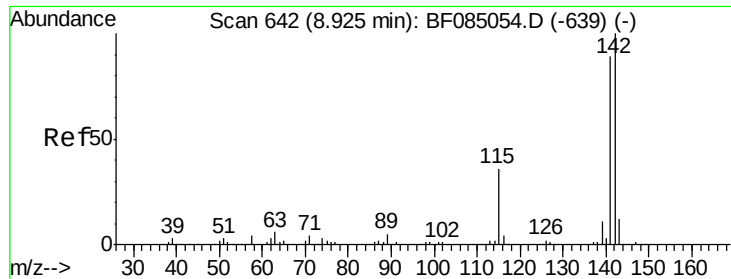


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.38 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

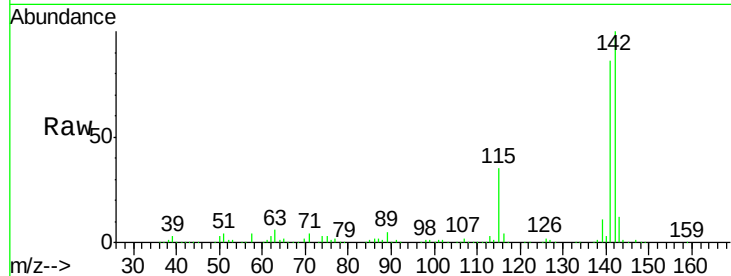
Tgt Ion:142 Resp: 1098010

Ion Ratio Lower Upper

142 100

141 85.7 69.6 104.4

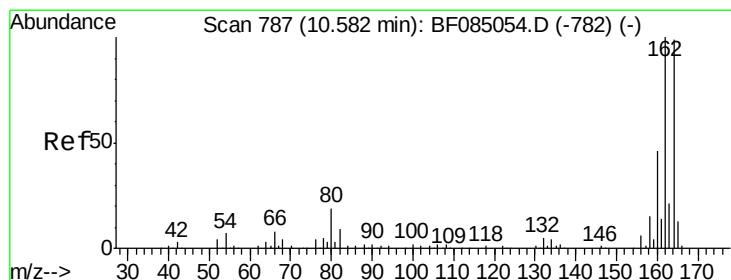
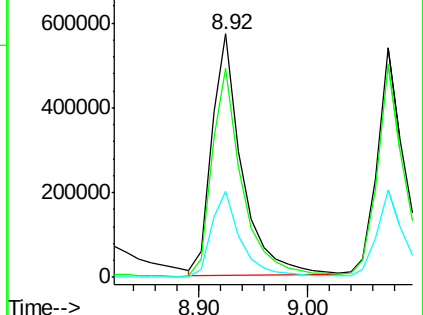
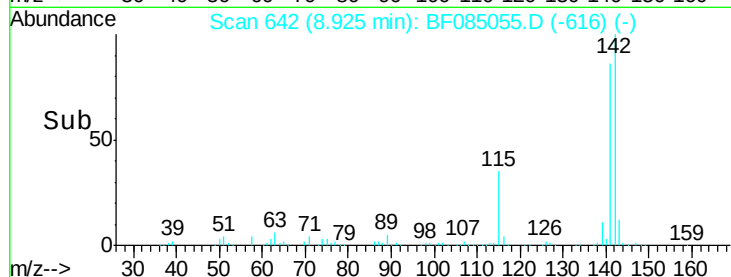
115 35.2 27.9 41.9



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: 10.59 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

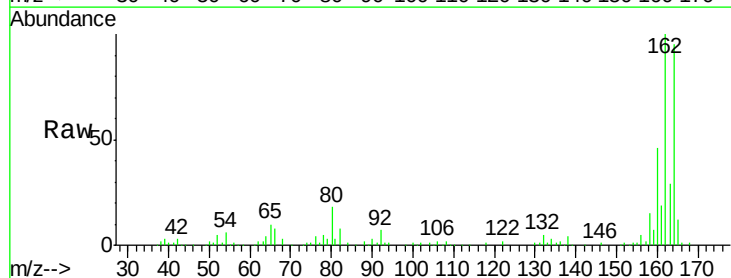
Tgt Ion:164 Resp: 326020

Ion Ratio Lower Upper

164 100

162 105.2 81.1 121.7

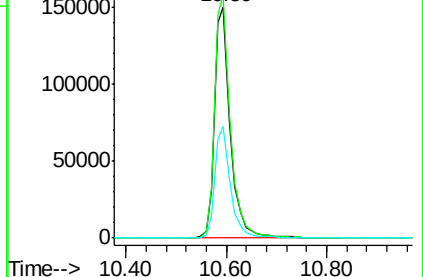
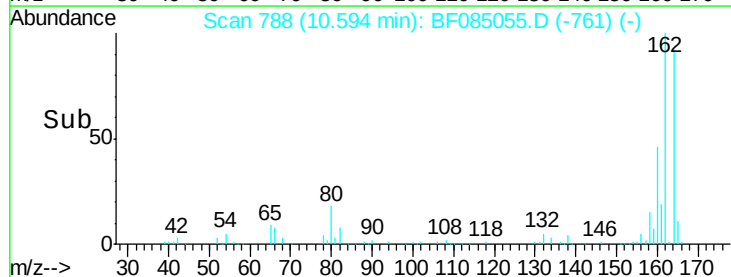
160 48.5 37.4 56.0

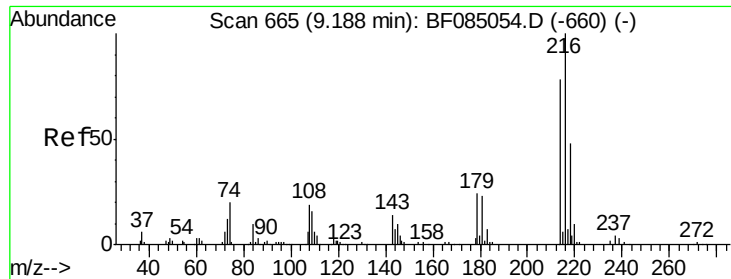


Abundance Ion 164.00 (163.70 to 164.70): E

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: 50.11 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:216 Resp: 530120

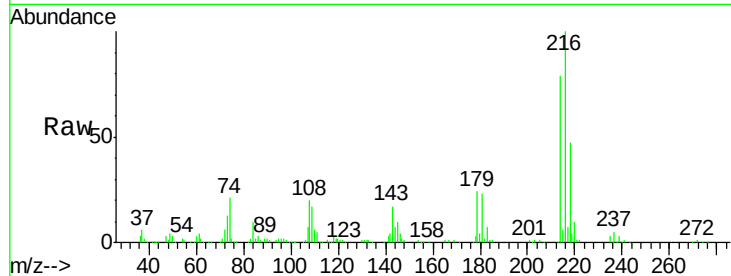
Ion Ratio Lower Upper

216 100

214 79.5 62.2 93.2

179 22.6 18.1 27.1

108 19.3 15.7 23.5

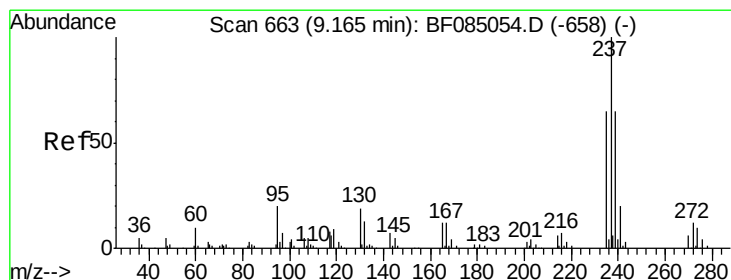
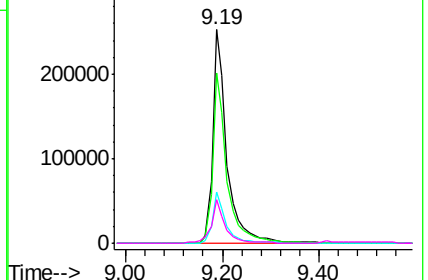
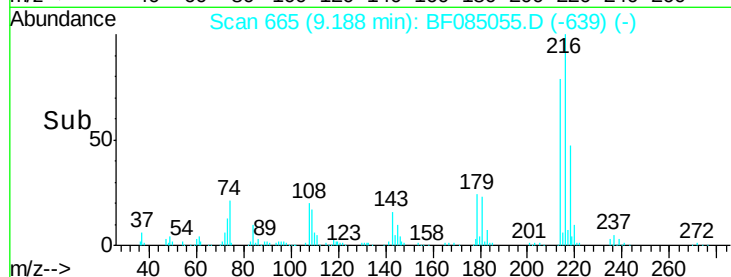


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.77 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

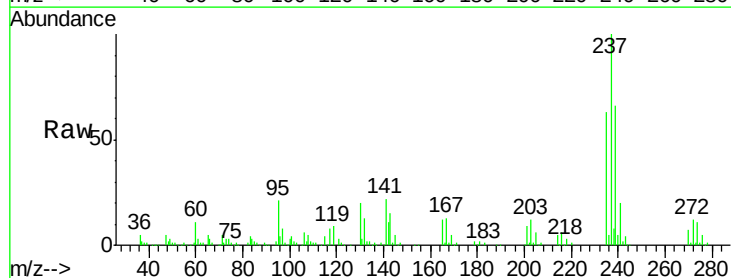
Tgt Ion:237 Resp: 199677

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

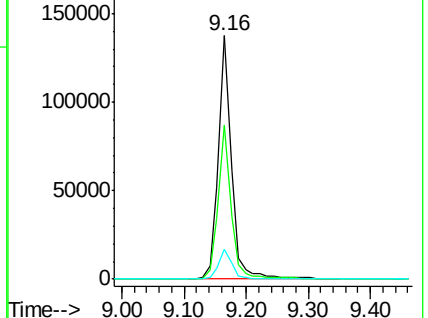
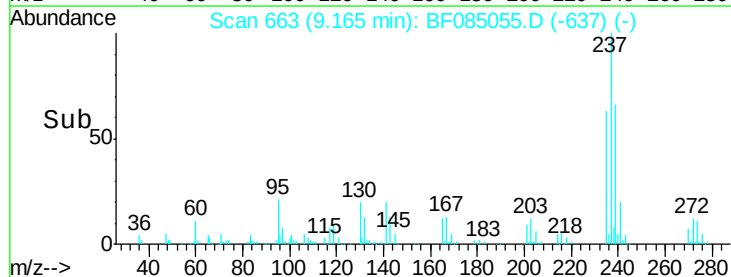
272 12.3 0.0 31.8

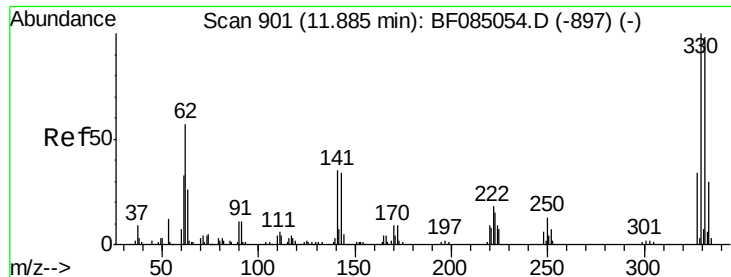


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

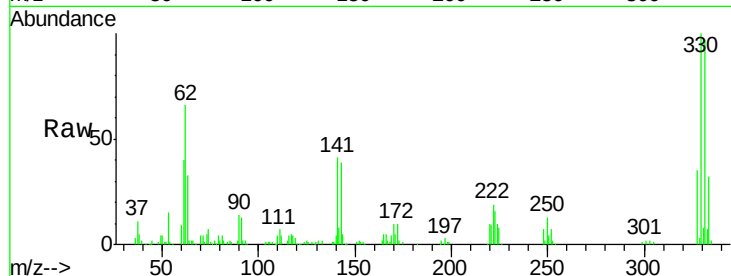




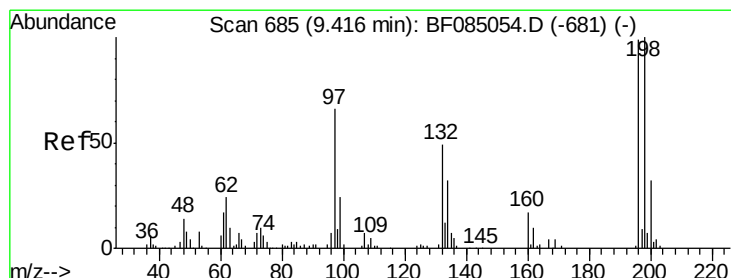
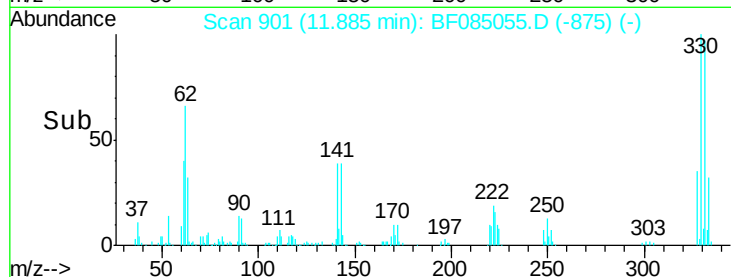
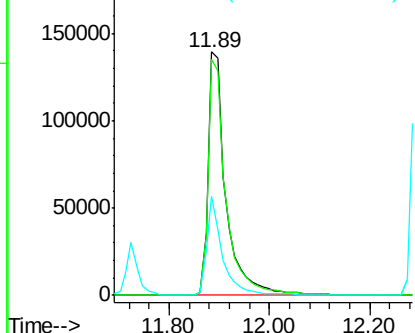
#41
 2,4,6-Tribromophenol
 Concen: 101.45 ng
 RT: 11.89 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 344699
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.5 117.7
 141 35.2 28.6 42.8

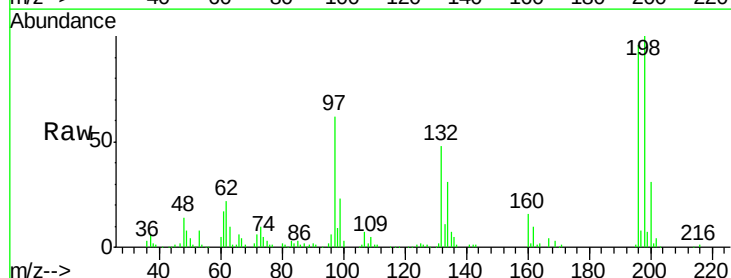


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

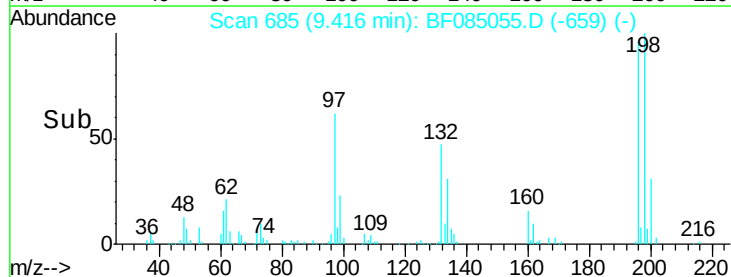
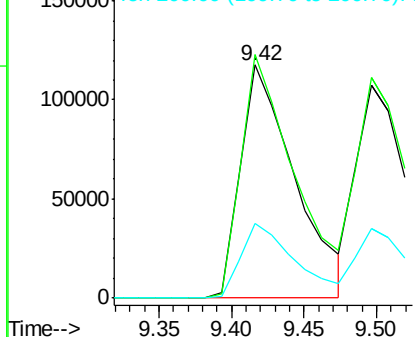


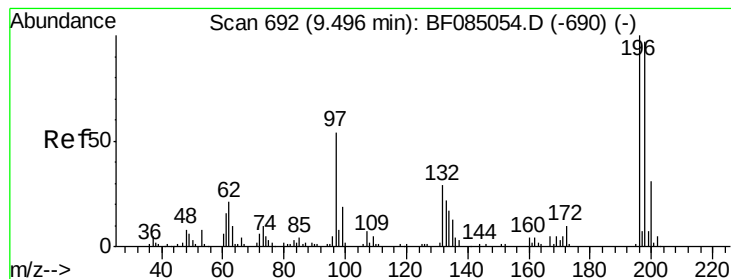
#42
 2,4,6-Trichlorophenol
 Concen: 46.31 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion:196 Resp: 305027
 Ion Ratio Lower Upper
 196 100
 198 104.5 81.0 121.6
 200 32.2 26.3 39.5



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

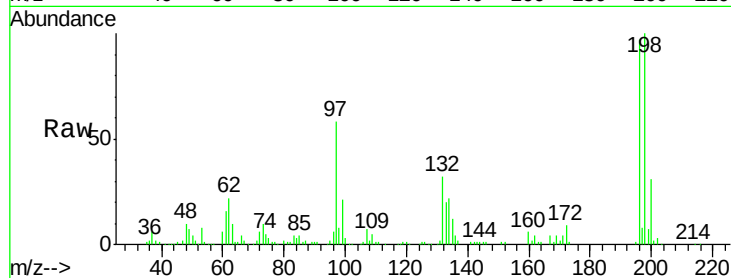




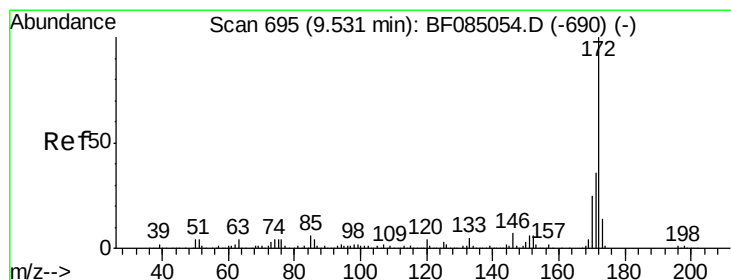
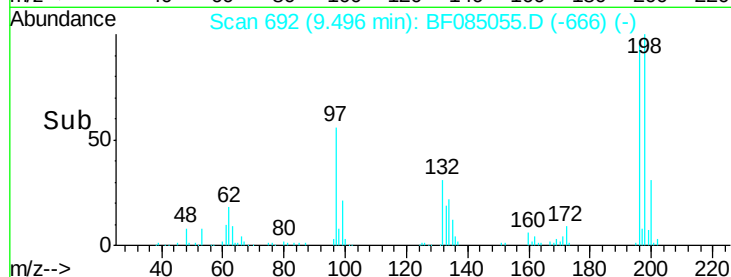
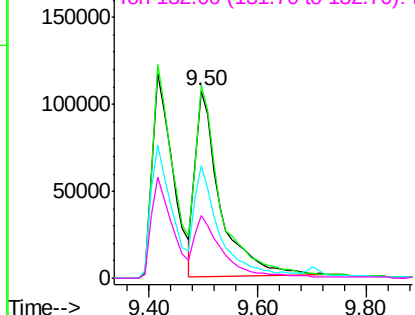
#43
 2,4,5-Trichlorophenol
 Concen: 49.64 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 339064
 Ion Ratio Lower Upper
 196 100
 198 103.6 79.7 119.5
 97 60.5 47.0 70.4
 132 33.2 26.4 39.6

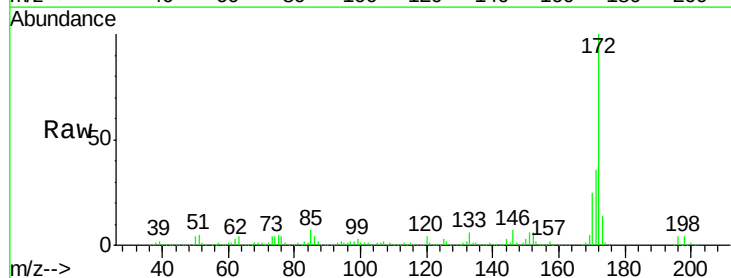


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

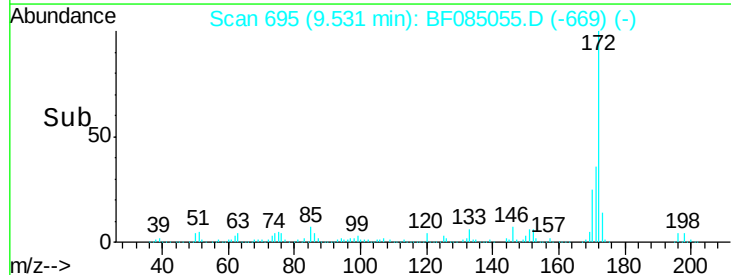
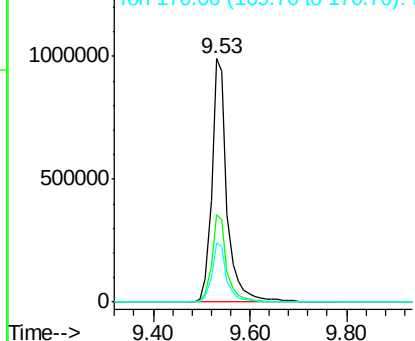


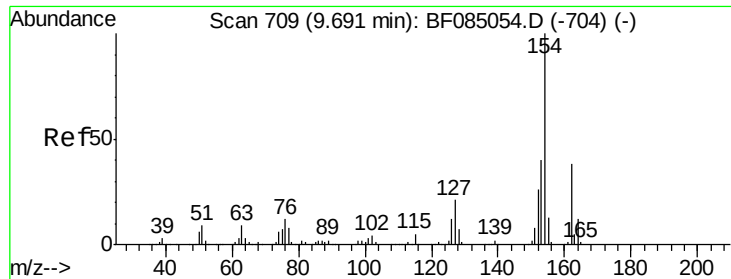
#44
 2-Fluorobiphenyl
 Concen: 100.21 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion:172 Resp: 2222836
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.1 43.7
 170 24.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 50.04 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

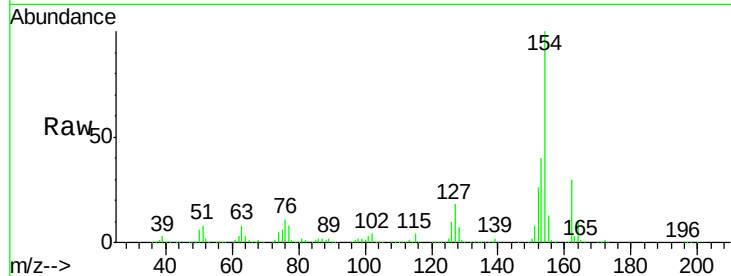
Tgt Ion:154 Resp: 1465550

Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

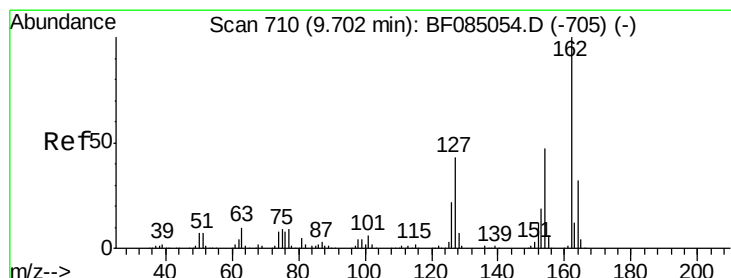
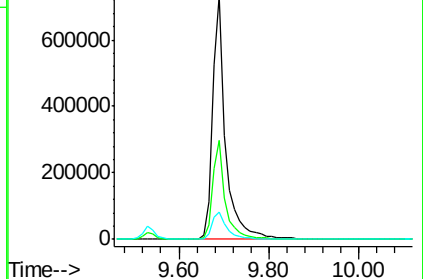
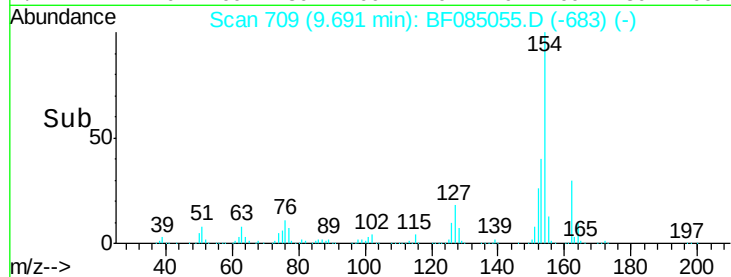
76 11.2 0.0 31.6



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: 48.12 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

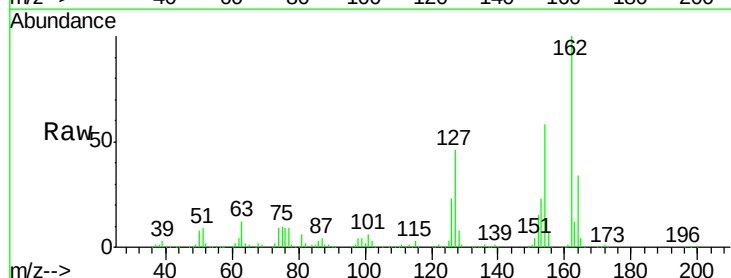
Tgt Ion:162 Resp: 1036648

Ion Ratio Lower Upper

162 100

127 46.5 34.8 52.2

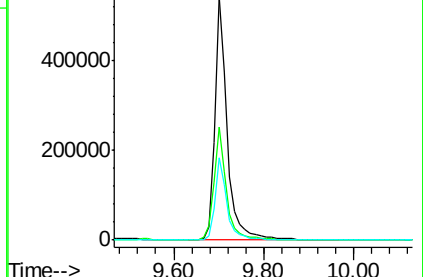
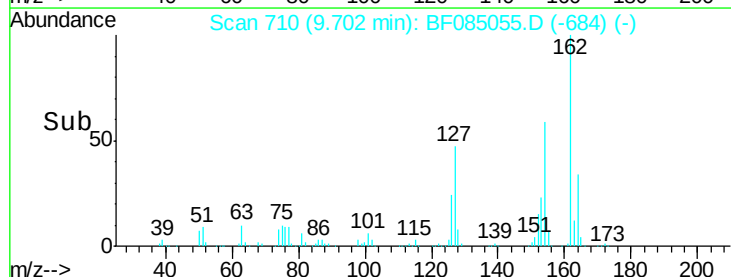
164 33.8 25.8 38.6

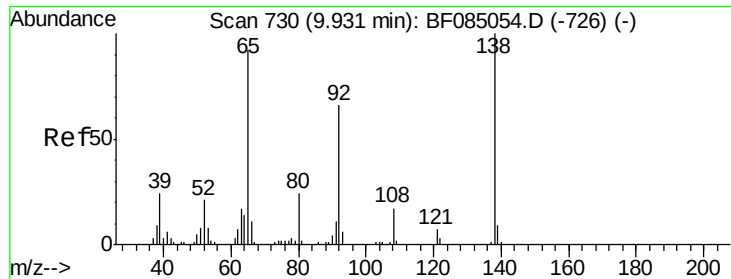


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.14 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

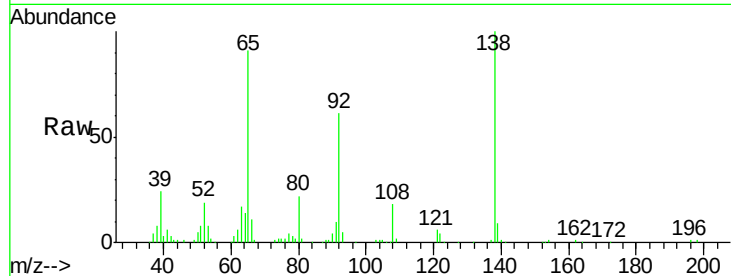
Tgt Ion: 65 Resp: 332749

Ion Ratio Lower Upper

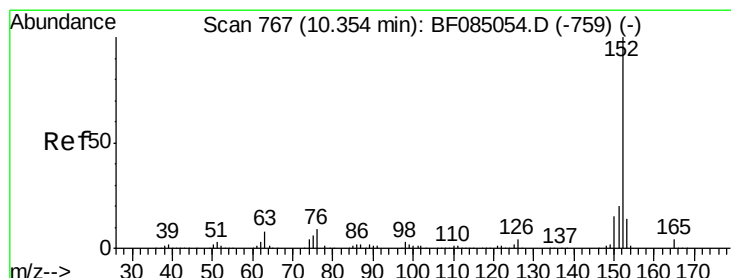
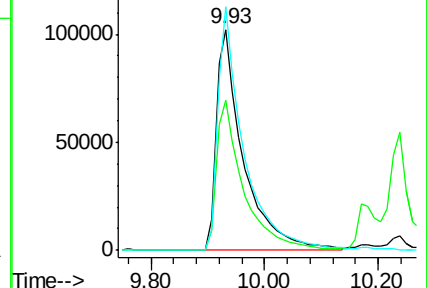
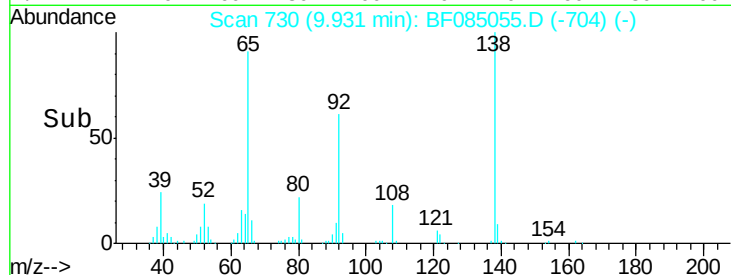
65 100

92 67.8 57.1 85.7

138 110.3 86.8 130.2



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



#48

Acenaphthylene

Concen: 50.62 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

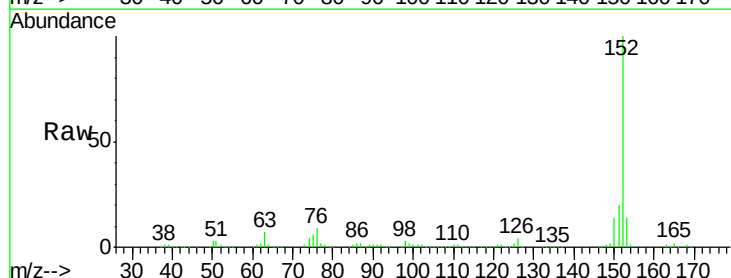
Tgt Ion: 152 Resp: 1660716

Ion Ratio Lower Upper

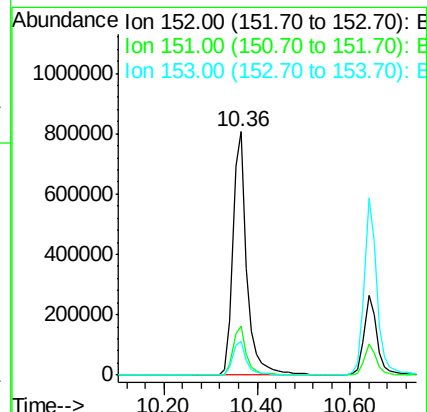
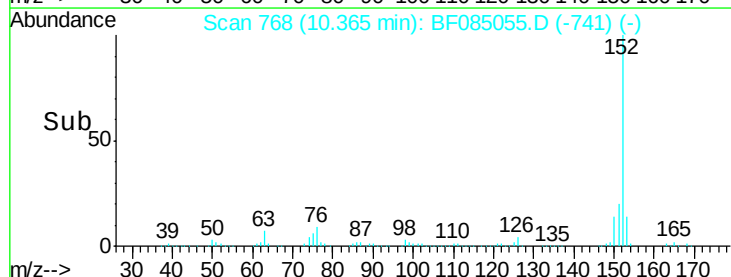
152 100

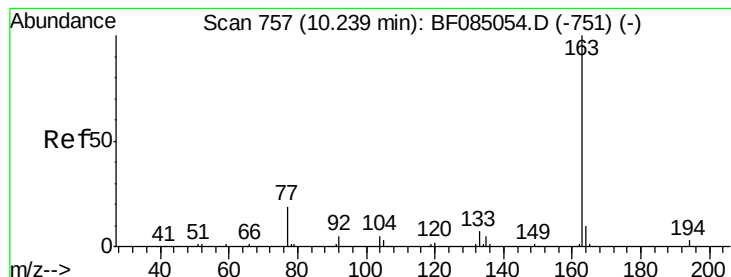
151 20.2 16.0 24.0

153 13.9 11.1 16.7



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





#49

Dimethylphthalate

Concen: 49.12 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

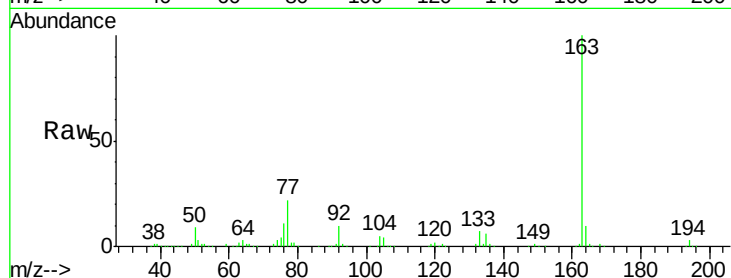
Tgt Ion:163 Resp: 1218452

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

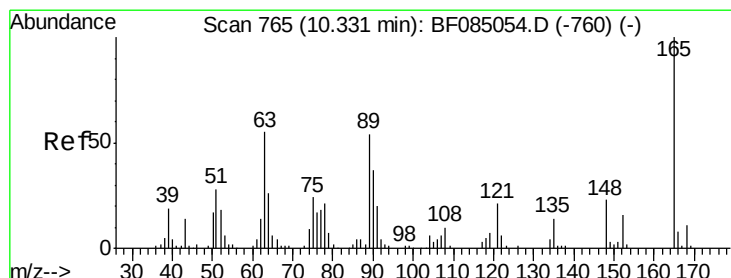
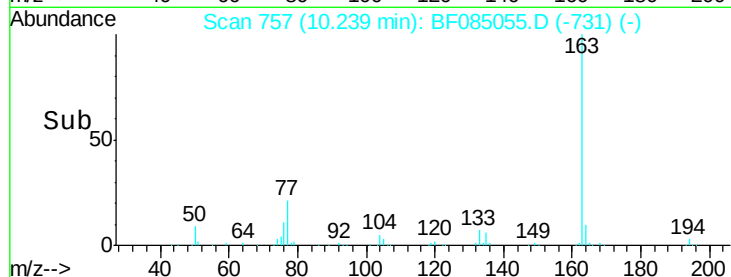
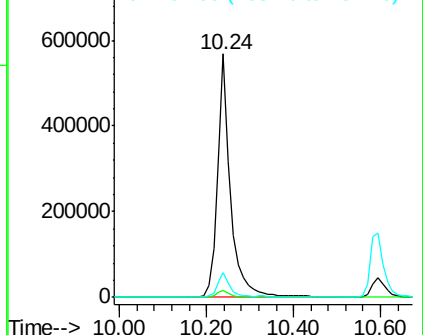
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.55 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

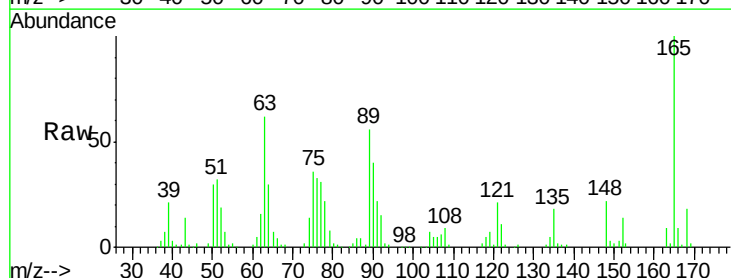
Tgt Ion:165 Resp: 254735

Ion Ratio Lower Upper

165 100

63 62.1 47.5 71.3

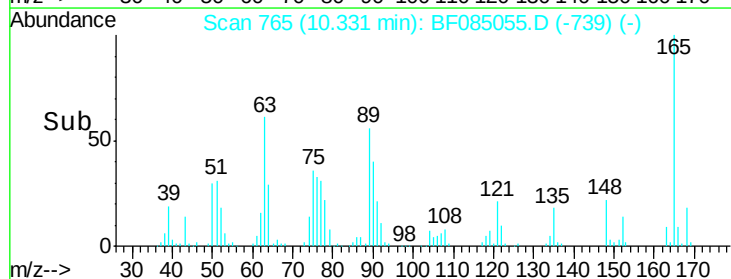
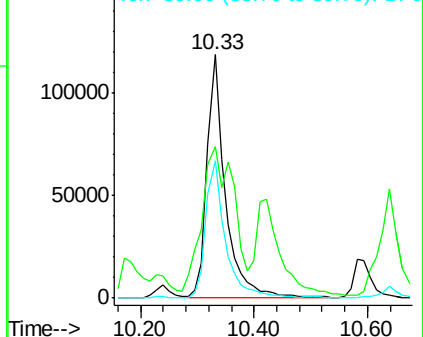
89 56.4 42.9 64.3

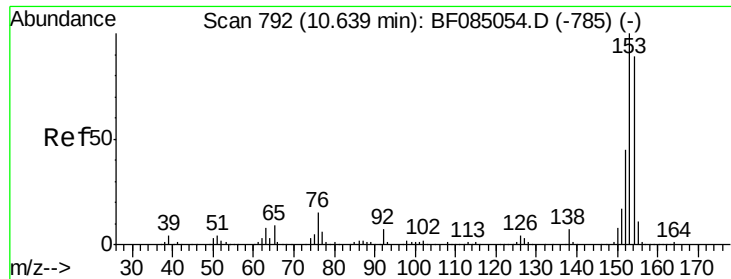


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.82 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

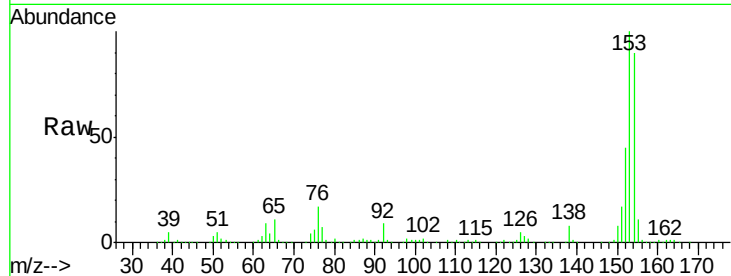
Tgt Ion:154 Resp: 988943

Ion Ratio Lower Upper

154 100

153 111.5 89.5 134.3

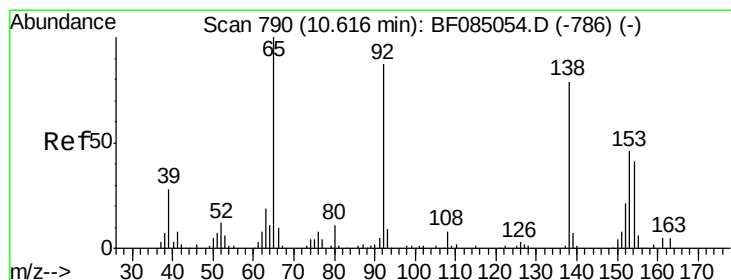
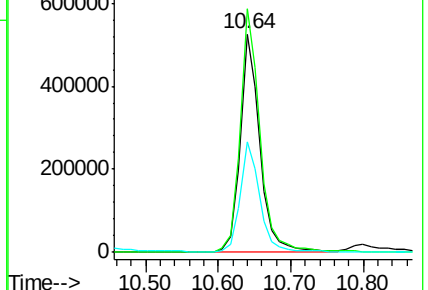
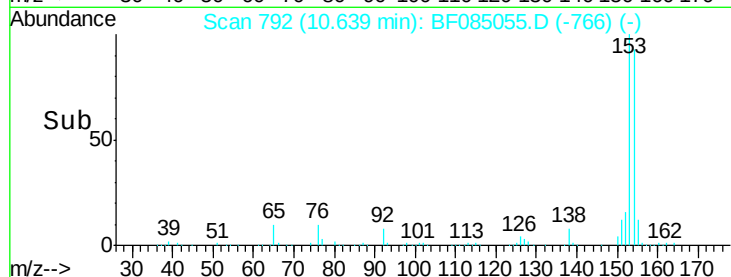
152 50.7 40.7 61.1



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: 46.76 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

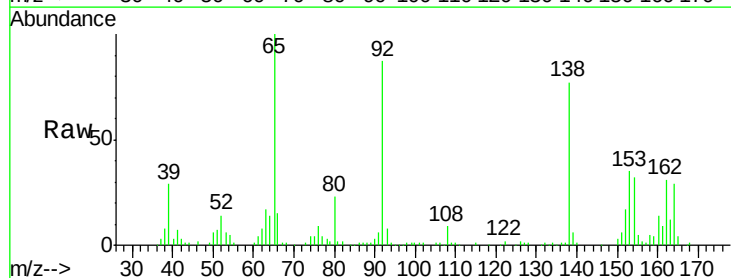
Tgt Ion:138 Resp: 285014

Ion Ratio Lower Upper

138 100

108 11.6 9.1 13.7

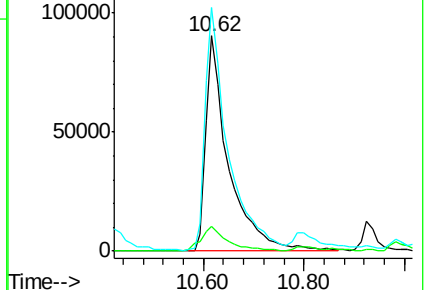
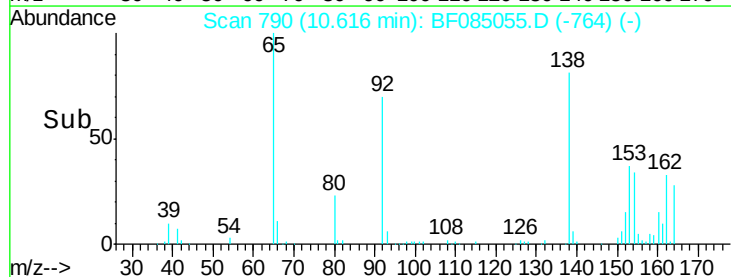
92 113.2 88.9 133.3

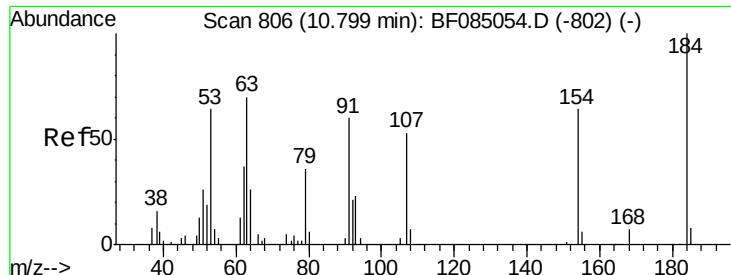


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

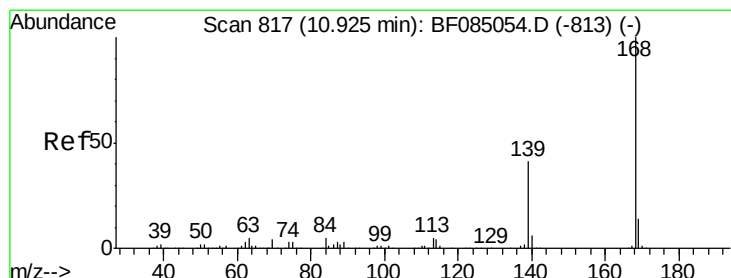
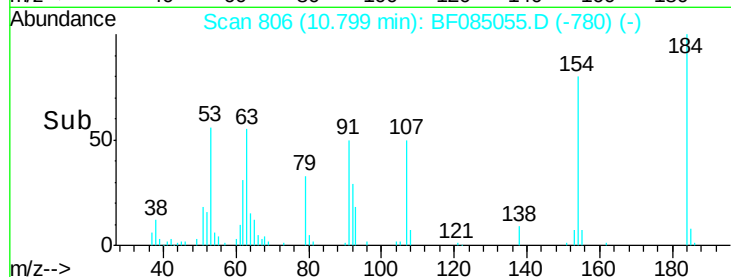
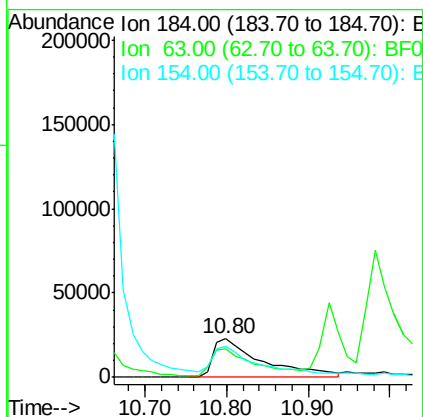
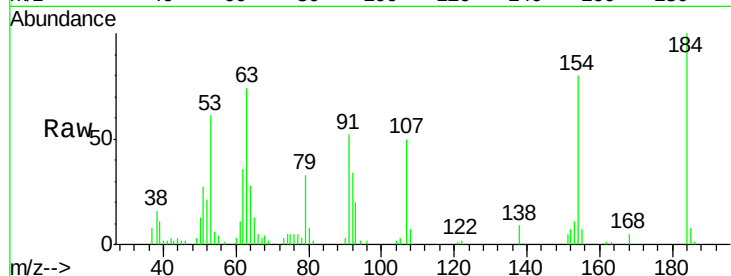




#53
2,4-Dinitrophenol
Concen: 45.39 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

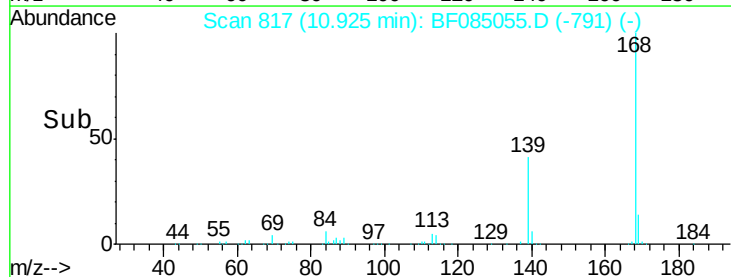
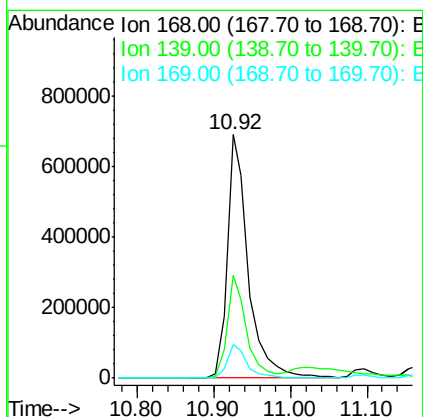
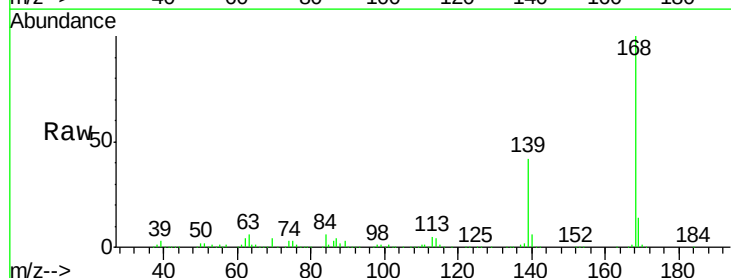
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

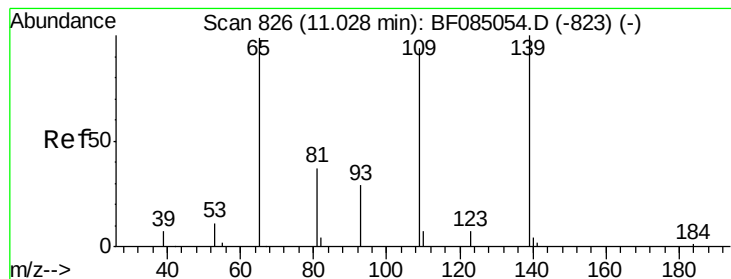
Tgt Ion:184 Resp: 95486
Ion Ratio Lower Upper
184 100
63 73.9 60.6 90.8
154 80.2 70.2 105.2



#54
Dibenzofuran
Concen: 50.97 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion:168 Resp: 1330315
Ion Ratio Lower Upper
168 100
139 42.4 33.0 49.4
169 14.1 10.9 16.3





#55

4-Nitrophenol

Concen: 44.87 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

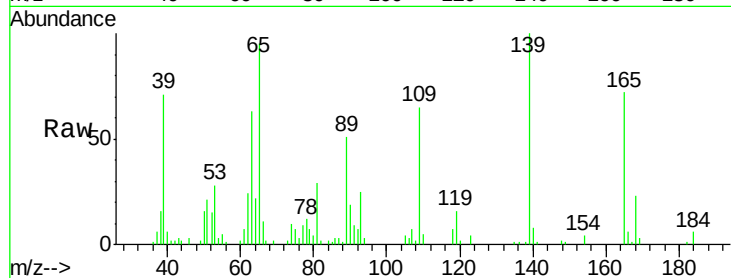
Tgt Ion:139 Resp: 192156

Ion Ratio Lower Upper

139 100

109 65.1 48.7 88.7

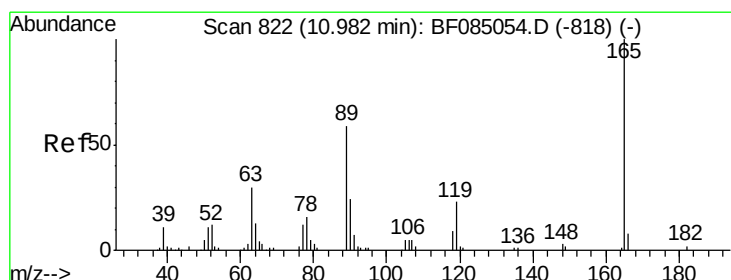
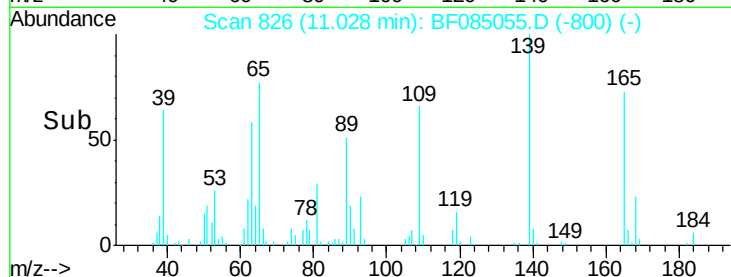
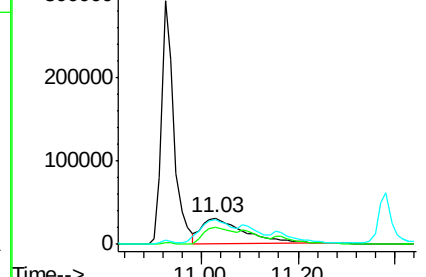
65 94.5 78.8 118.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.36 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:165 Resp: 350642

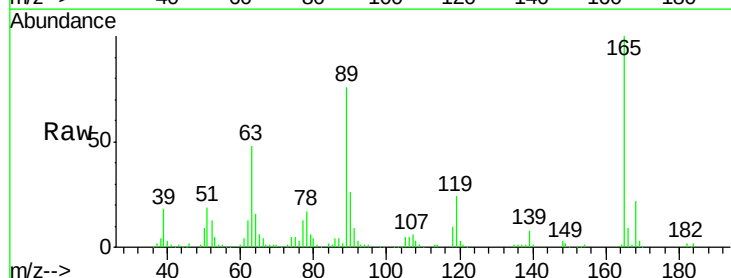
Ion Ratio Lower Upper

165 100

63 47.7 36.6 55.0

89 75.8 54.4 81.6

182 2.2 1.6 2.4

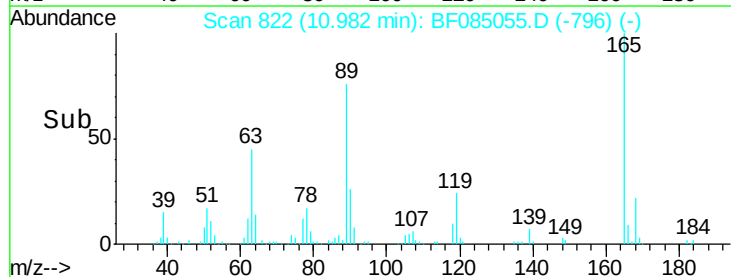
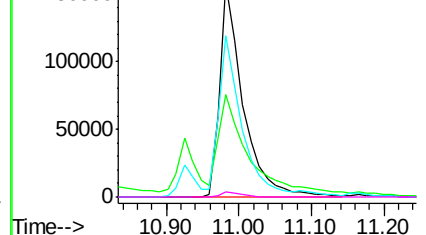


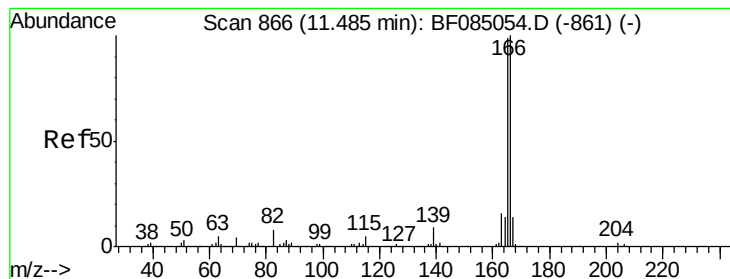
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.81 ng

RT: 11.49 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

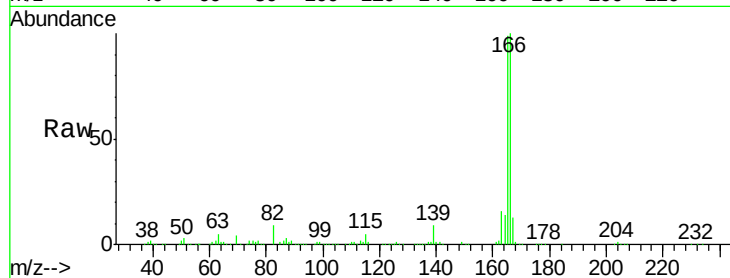
Tgt Ion:166 Resp: 1132631

Ion Ratio Lower Upper

166 100

165 98.7 78.9 118.3

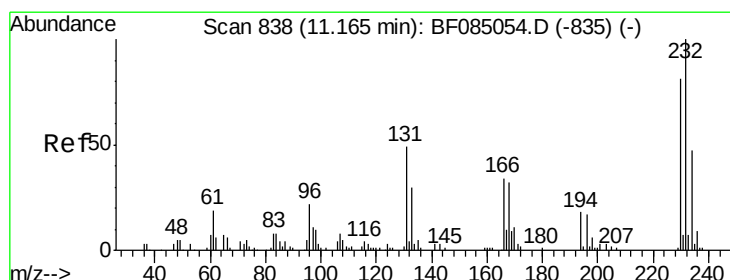
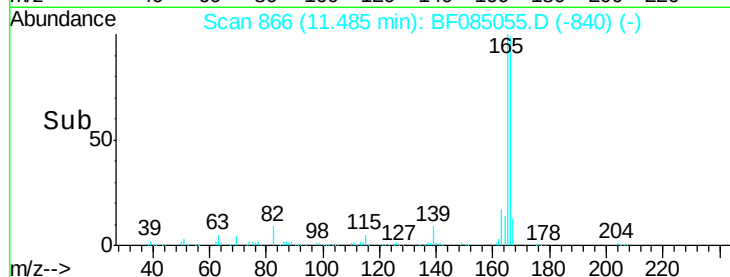
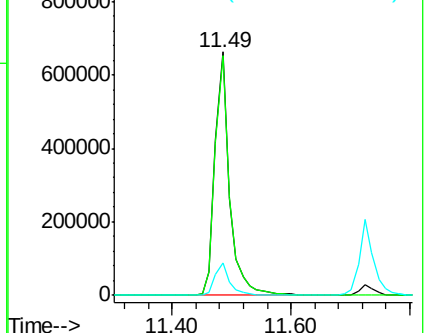
167 13.1 10.9 16.3



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: 52.50 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:232 Resp: 278143

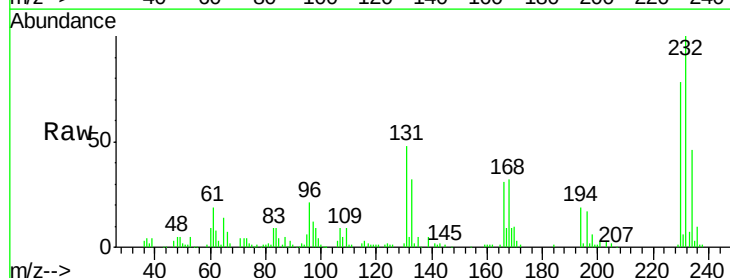
Ion Ratio Lower Upper

232 100

131 50.4 39.7 59.5

130 2.3 1.8 2.8

166 31.2 24.2 36.2

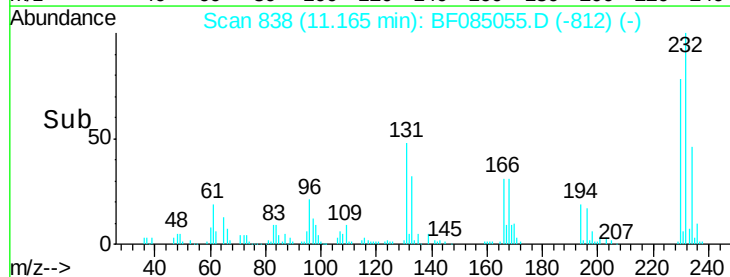
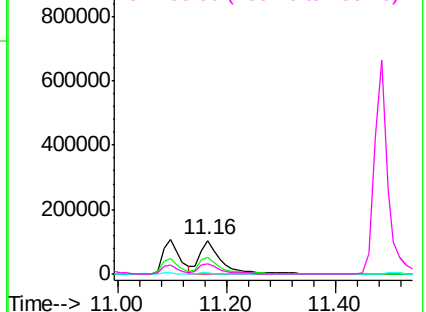


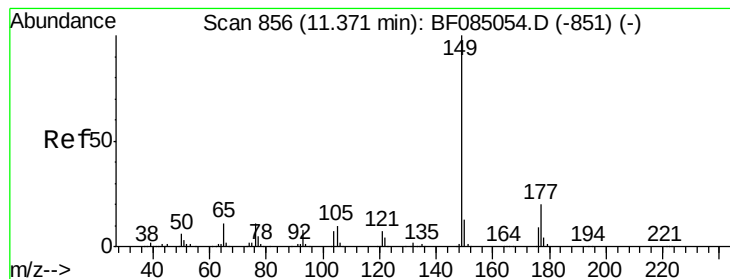
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.52 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

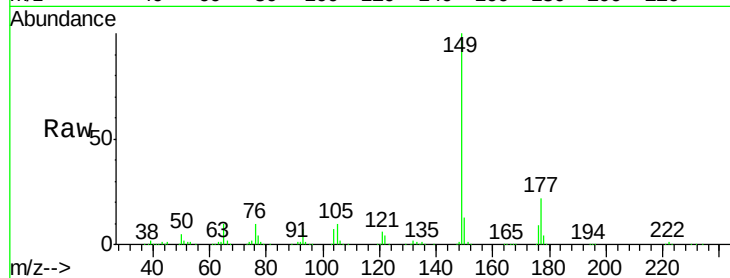
Tgt Ion:149 Resp: 1211391

Ion Ratio Lower Upper

149 100

177 22.3 16.4 24.6

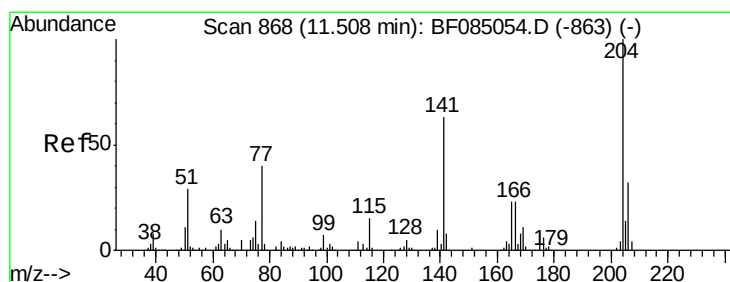
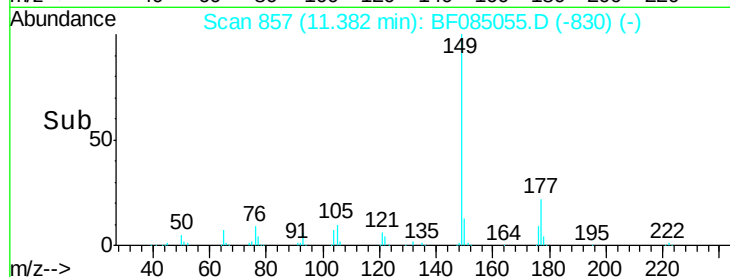
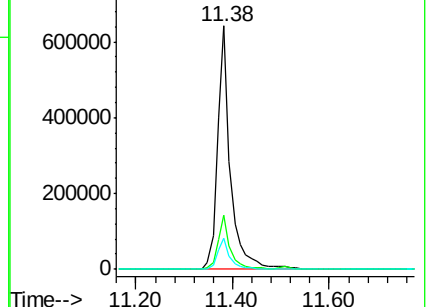
150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.95 ng

RT: 11.51 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

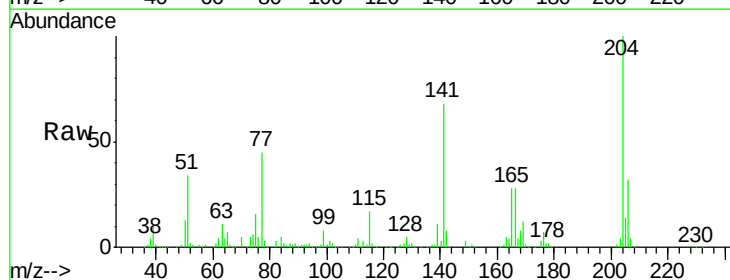
Tgt Ion:204 Resp: 545682

Ion Ratio Lower Upper

204 100

206 32.0 25.8 38.6

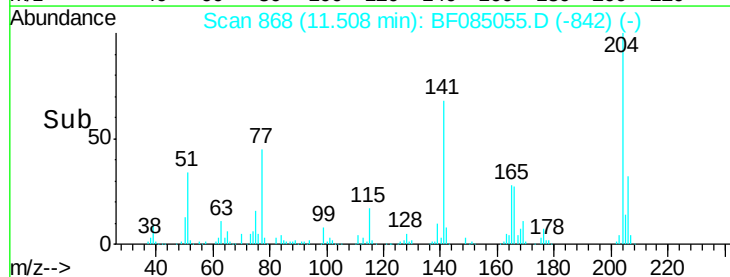
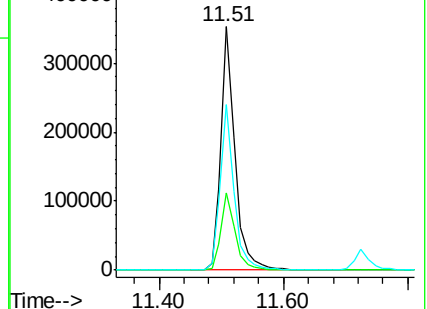
141 68.0 50.5 75.7

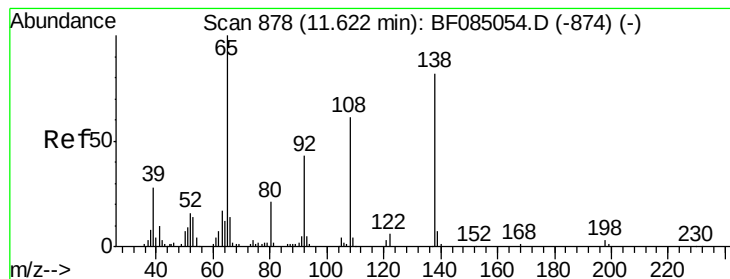


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.81 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

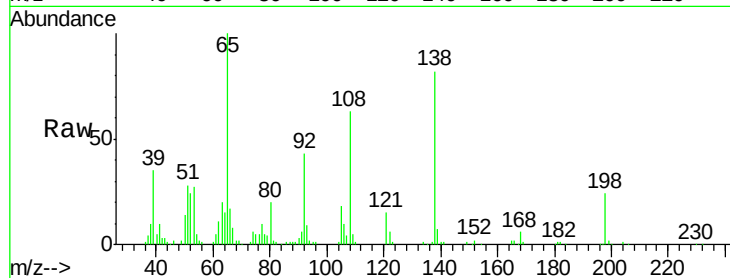
Tgt Ion:138 Resp: 264298

Ion Ratio Lower Upper

138 100

92 52.1 32.6 72.6

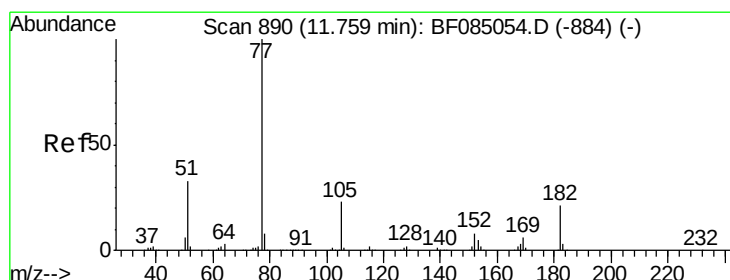
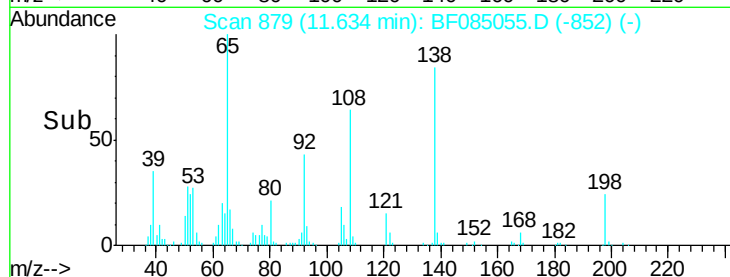
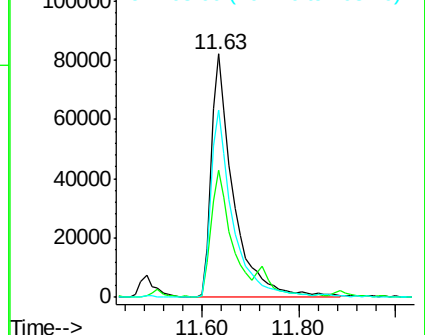
108 76.9 54.6 94.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.67 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion: 77 Resp: 1164447

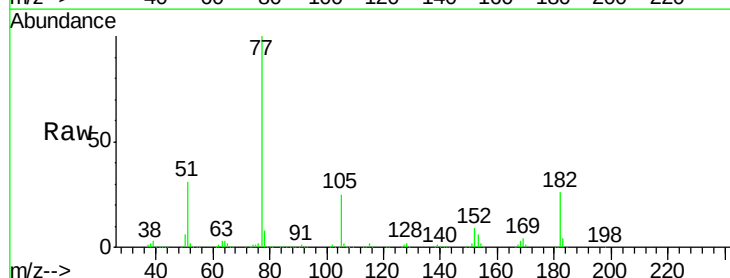
Ion Ratio Lower Upper

77 100

182 26.2 1.3 41.3

105 24.5 4.2 44.2

51 31.4 13.5 53.5

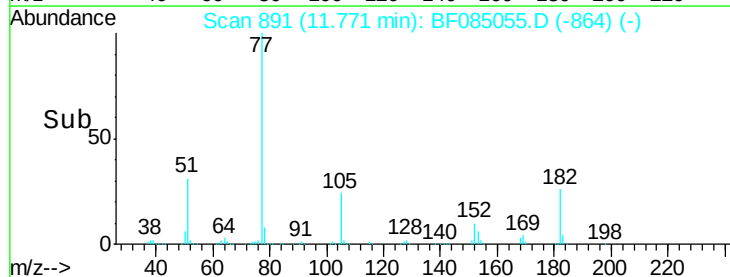
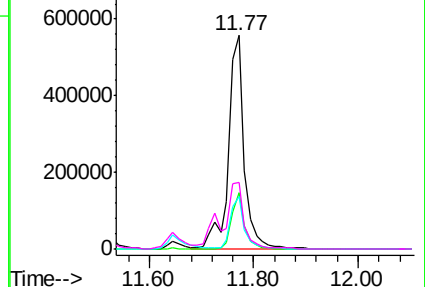


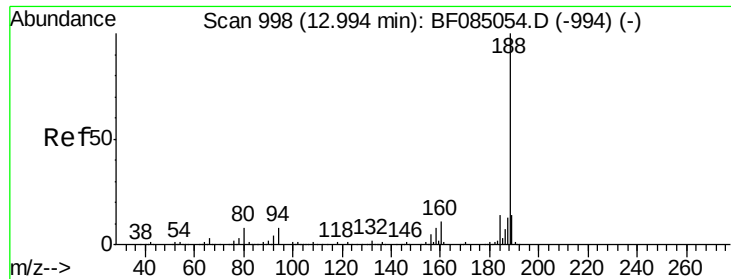
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

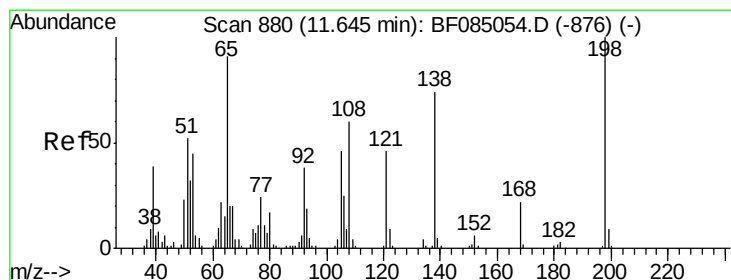
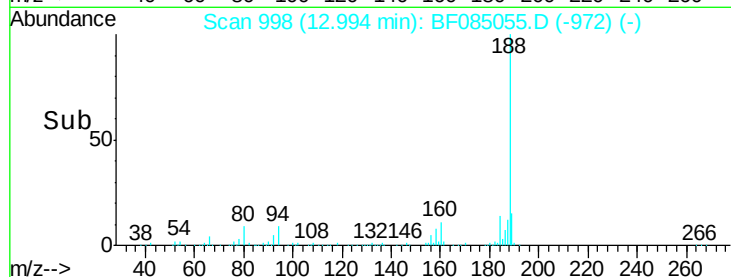
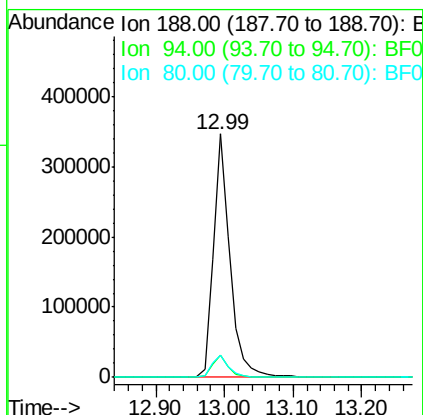
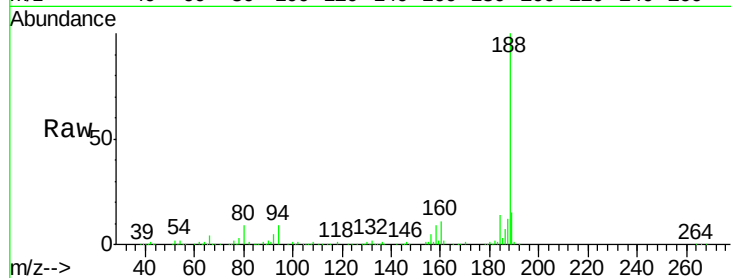




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

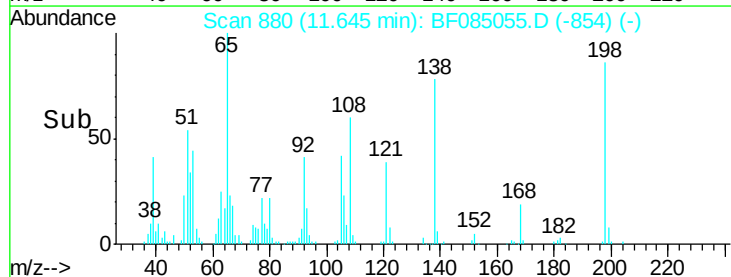
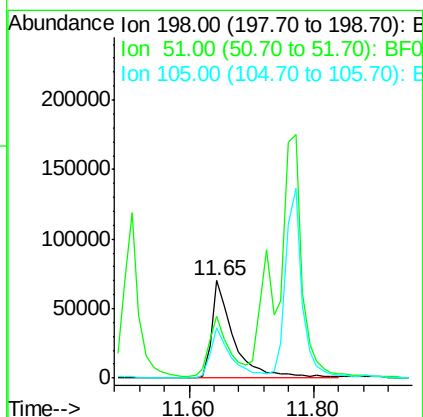
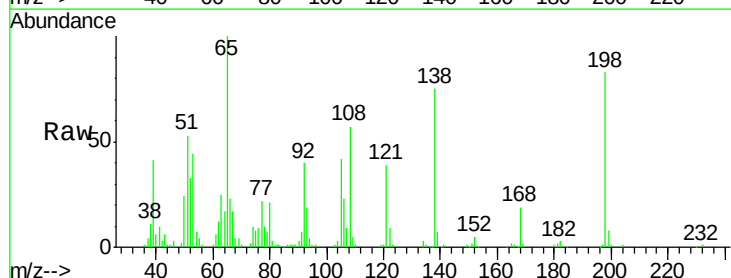
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

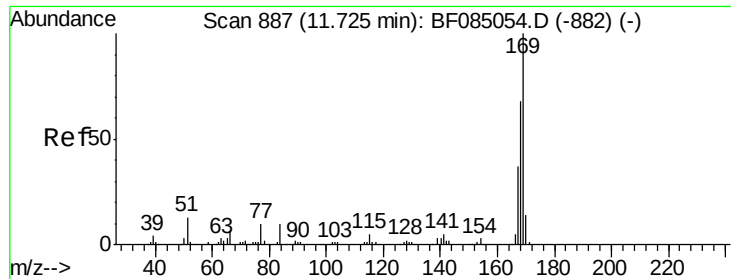
Tgt Ion:188 Resp: 588599
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 8.9 6.6 9.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.45 ng
RT: 11.65 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion:198 Resp: 171019
Ion Ratio Lower Upper
198 100
51 64.2 34.5 74.5
105 51.1 26.2 66.2





#65

n-Nitrosodiphenylamine

Concen: 49.72 ng

RT: 11.73 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

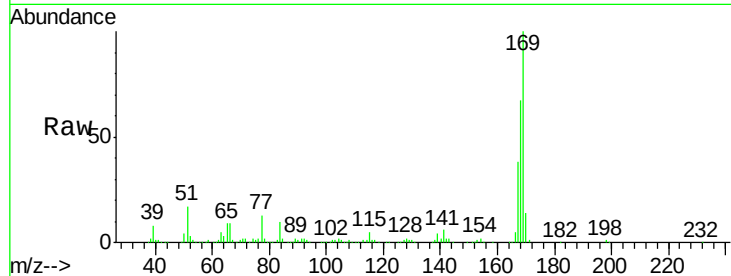
Tgt Ion:169 Resp: 917592

Ion Ratio Lower Upper

169 100

168 67.4 54.8 82.2

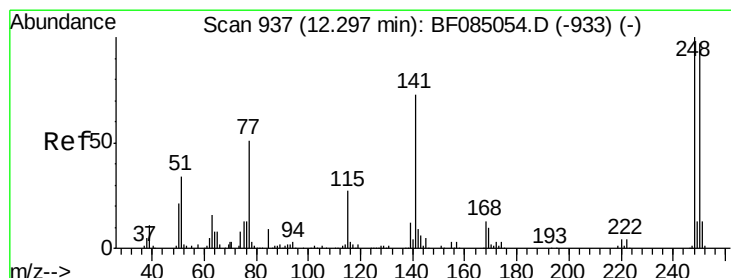
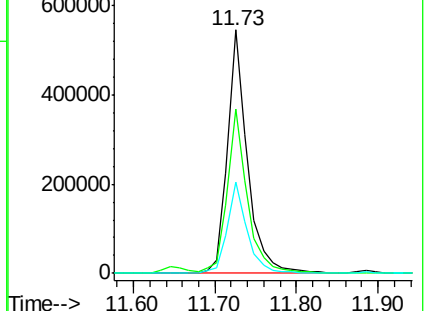
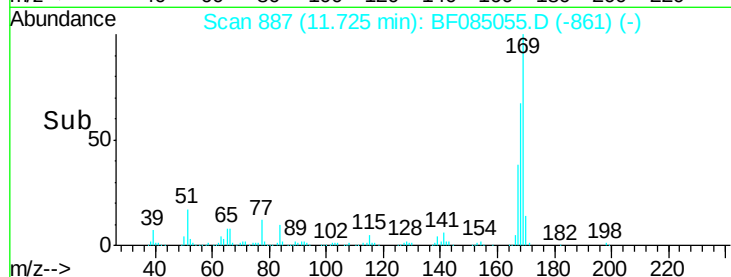
167 37.6 29.8 44.8



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: 51.65 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

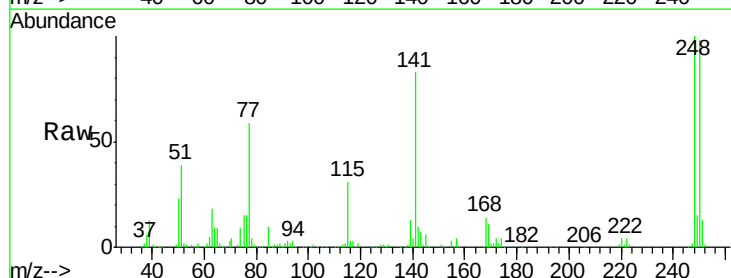
Tgt Ion:248 Resp: 333697

Ion Ratio Lower Upper

248 100

250 97.6 77.5 116.3

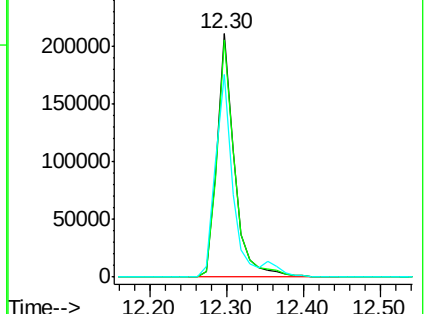
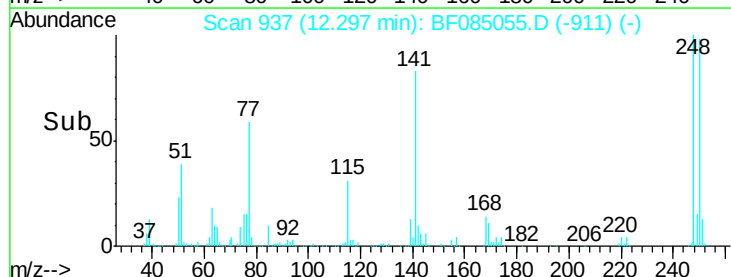
141 83.2 58.2 87.4

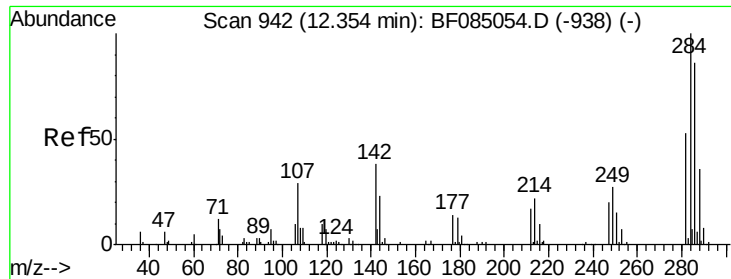


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

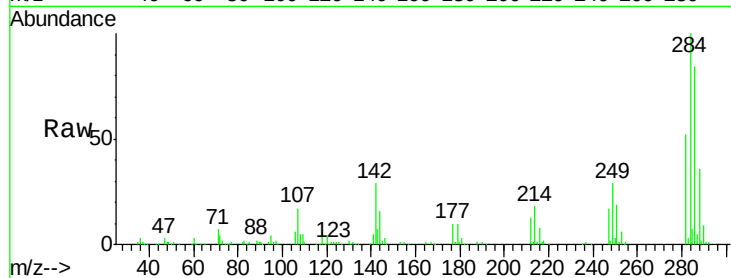




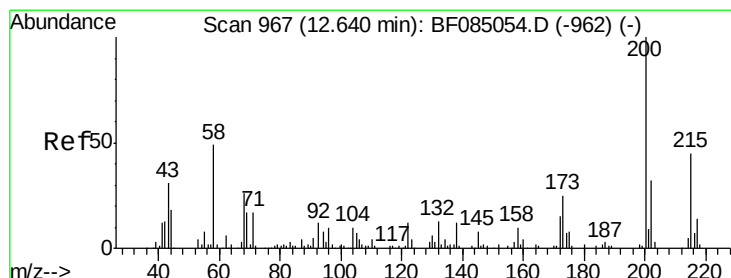
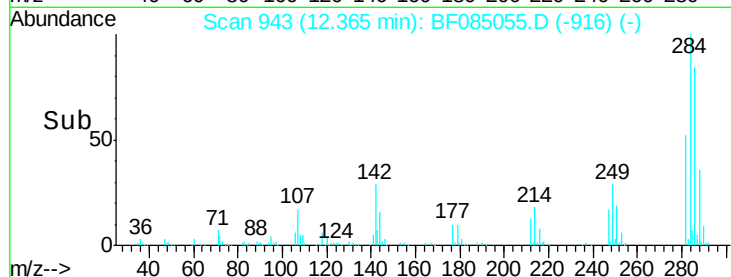
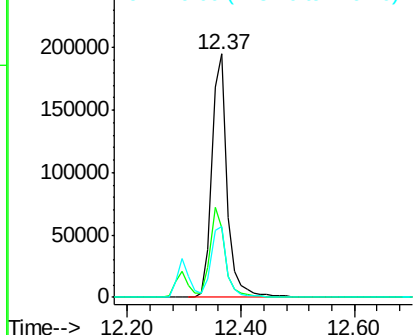
#67
Hexachlorobenzene
Concen: 50.30 ng
RT: 12.37 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 284 Resp: 358079
Ion Ratio Lower Upper
284 100
142 28.7 33.5 50.3#
249 29.1 27.4 41.2

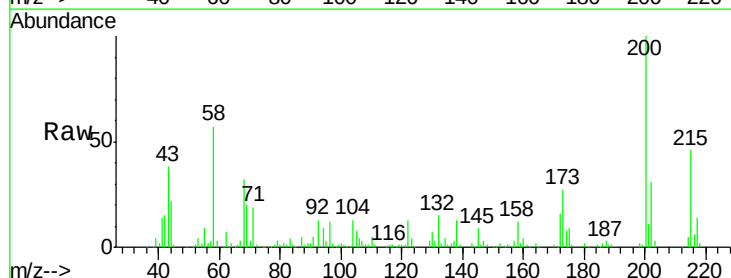


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

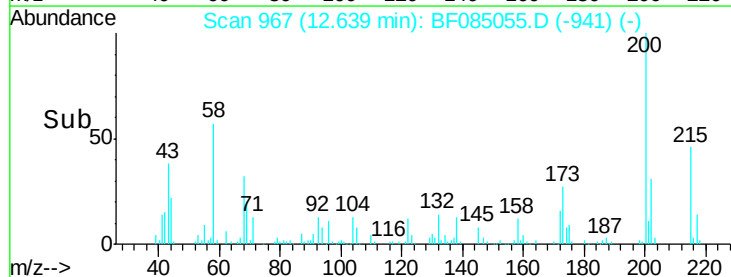
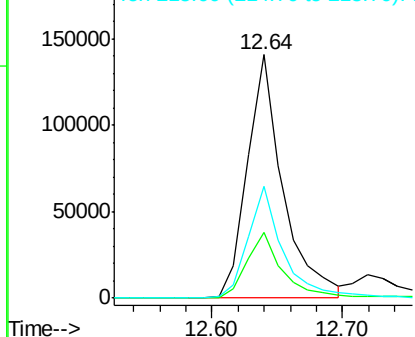


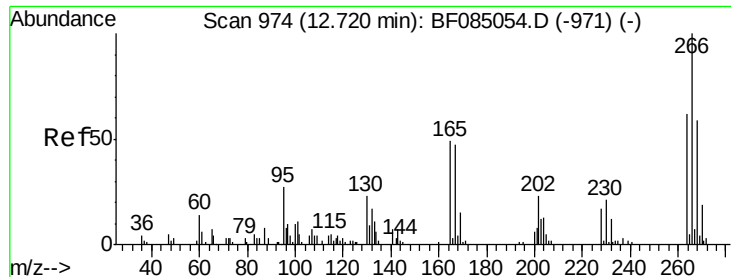
#68
Atrazine
Concen: 45.60 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion: 200 Resp: 269021
Ion Ratio Lower Upper
200 100
173 27.1 4.7 44.7
215 46.1 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

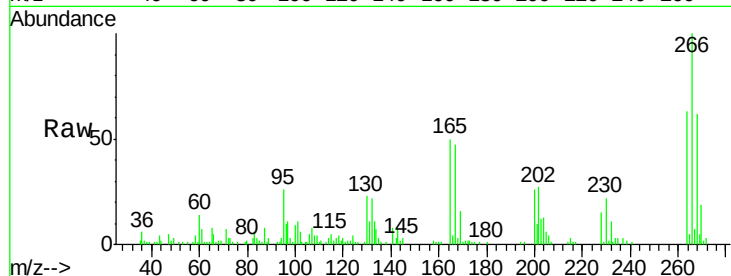




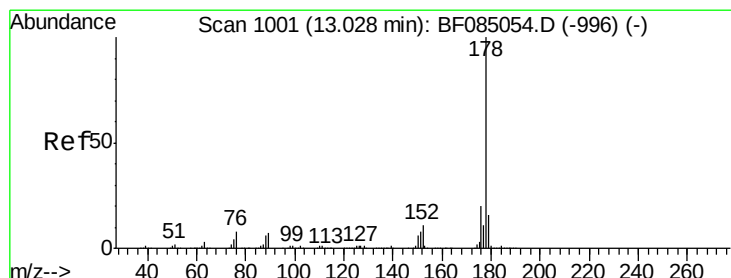
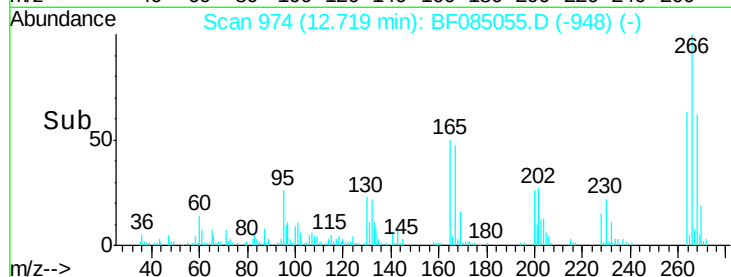
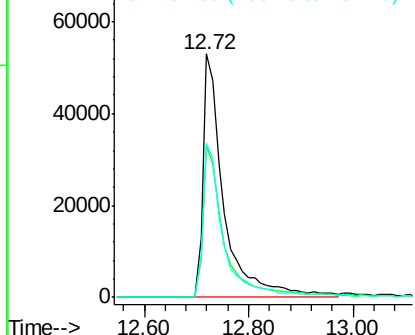
#69
 Pentachlorophenol
 Concen: 45.90 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:266 Resp: 147496
 Ion Ratio Lower Upper
 266 100
 268 62.0 47.3 70.9
 264 63.1 49.8 74.6

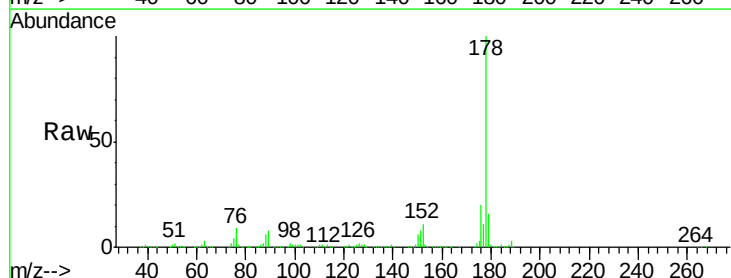


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

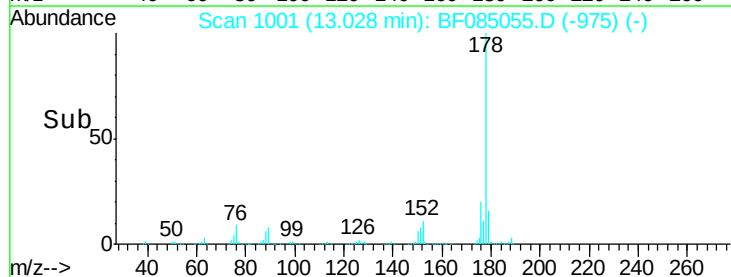
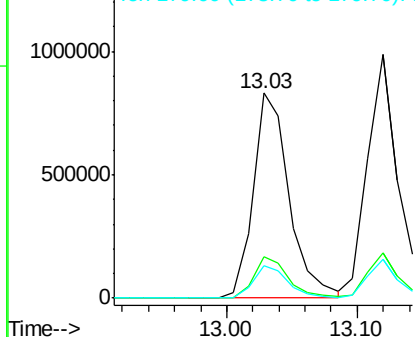


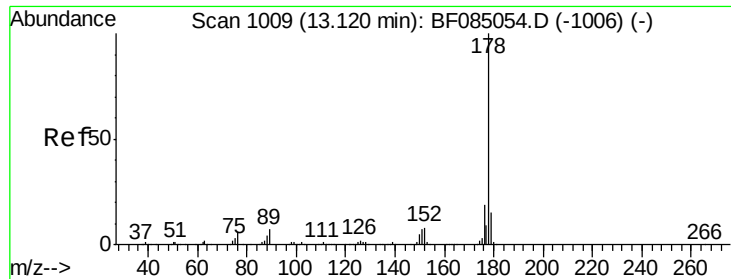
#70
 Phenanthrene
 Concen: 48.58 ng
 RT: 13.03 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion:178 Resp: 1596880
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.8 13.1 19.7



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

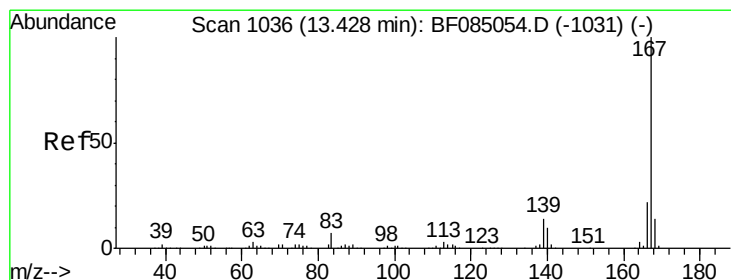
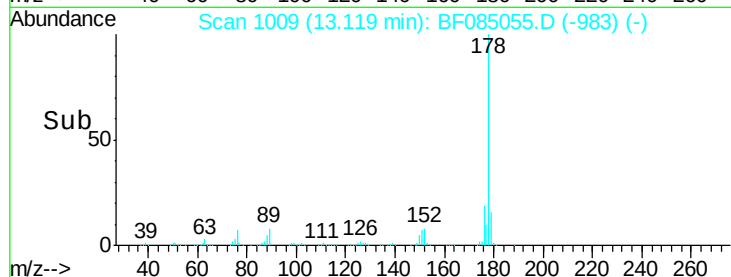
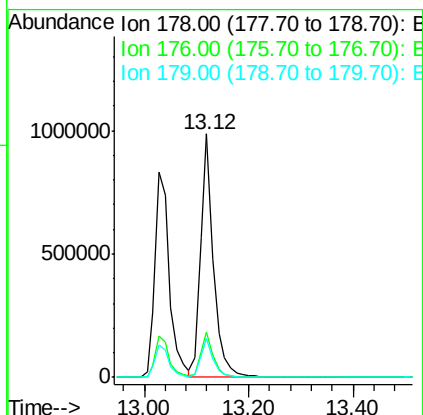
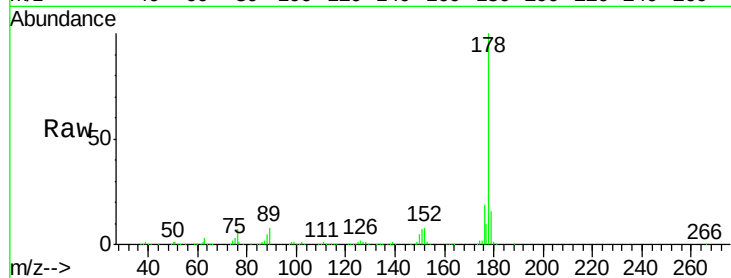




#71
 Anthracene
 Concen: 51.54 ng
 RT: 13.12 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

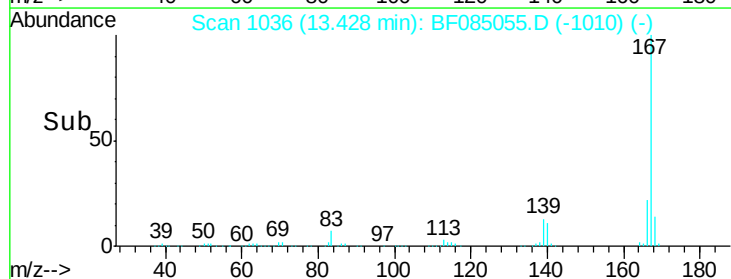
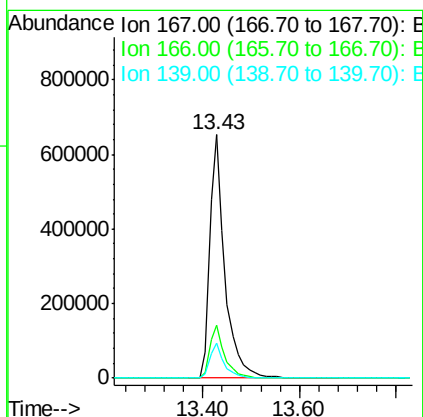
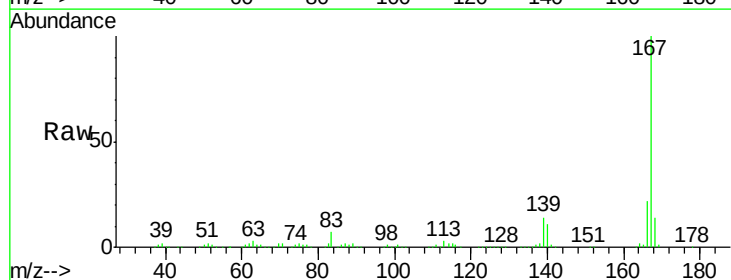
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

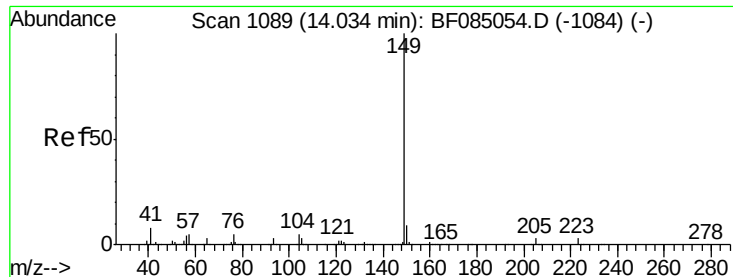
Tgt Ion:178 Resp: 1683966
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 50.19 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion:167 Resp: 1422462
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.1 11.0 16.6





#73

Di-n-butylphthalate

Concen: 48.93 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

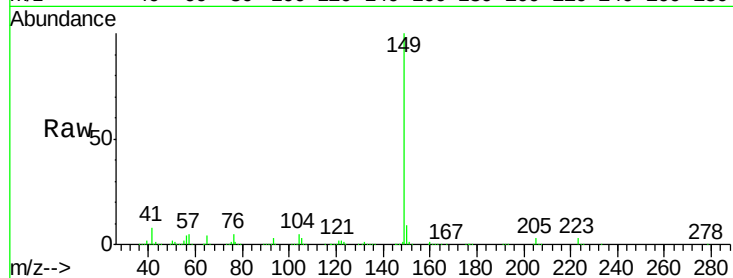
Tgt Ion:149 Resp: 1795741

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

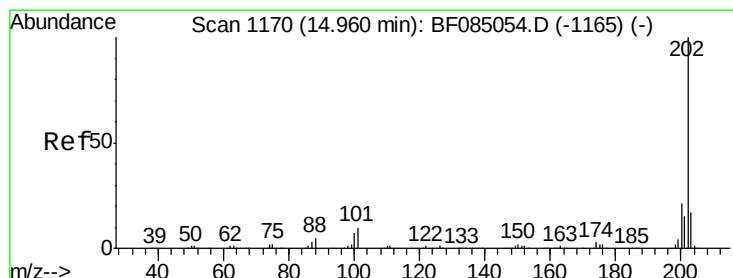
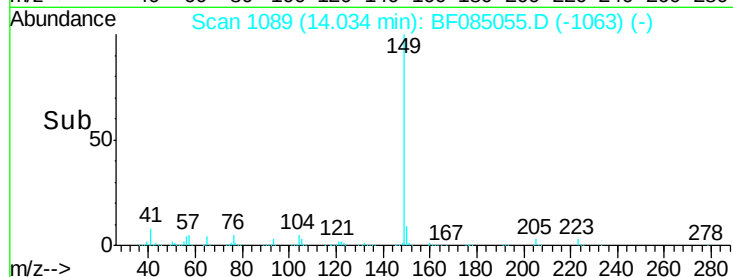
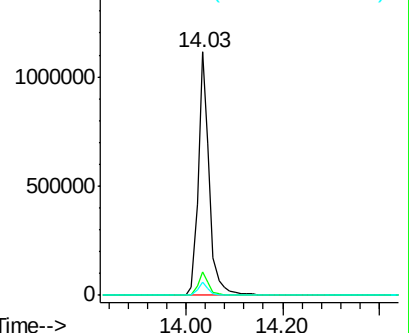
104 5.4 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.81 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

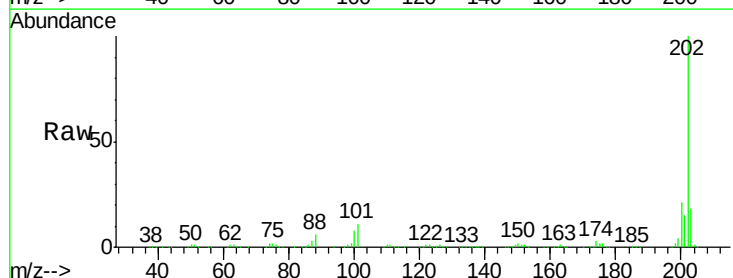
Tgt Ion:202 Resp: 1599187

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.8

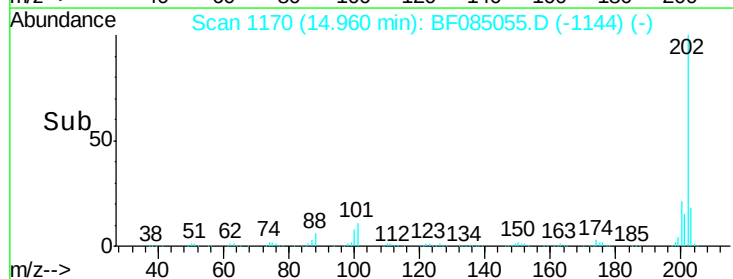
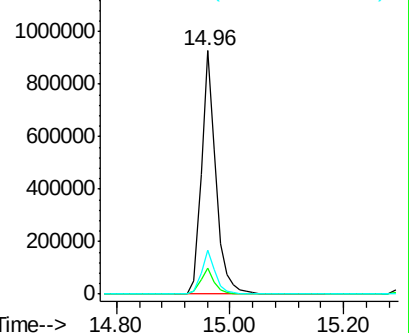
203 18.2 0.0 37.5

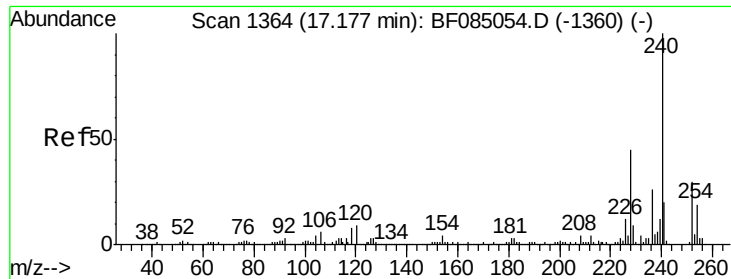


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

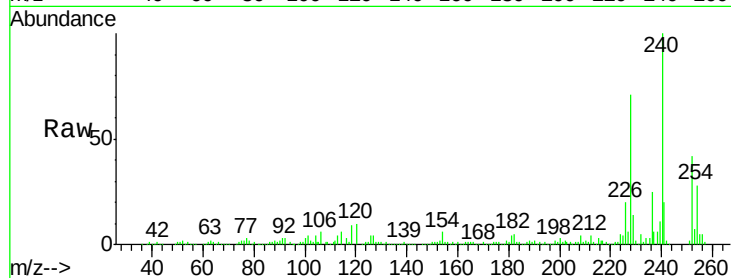
Tgt Ion:240 Resp: 397066

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

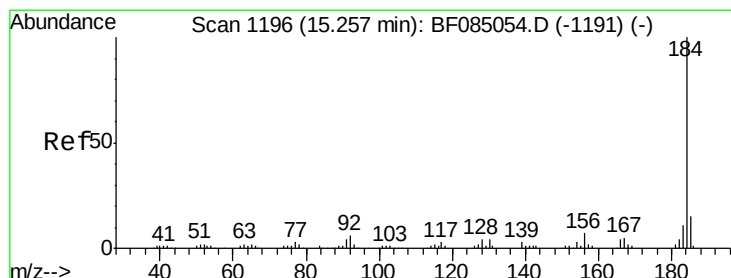
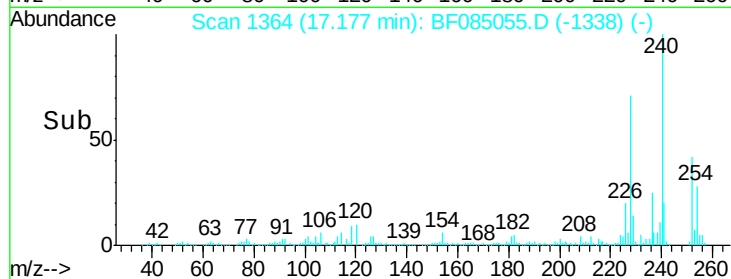
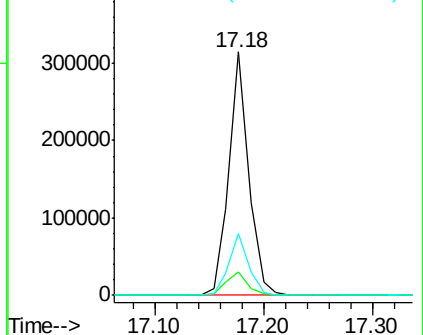
236 25.4 20.5 30.7



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: 37.49 ng

RT: 15.26 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

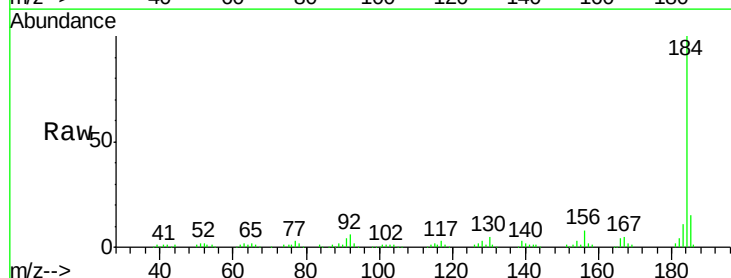
Tgt Ion:184 Resp: 405616

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

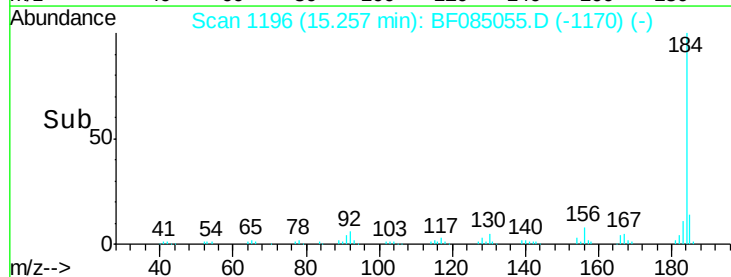
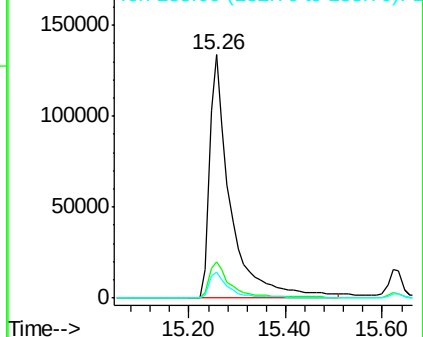
183 10.6 8.6 12.8

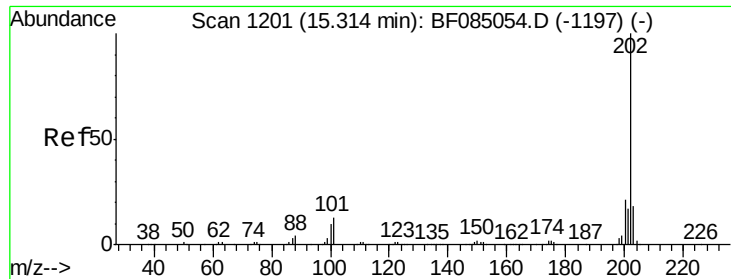


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 53.17 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

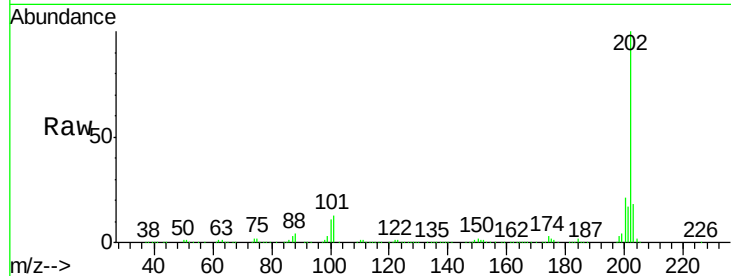
Tgt Ion:202 Resp: 1612243

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

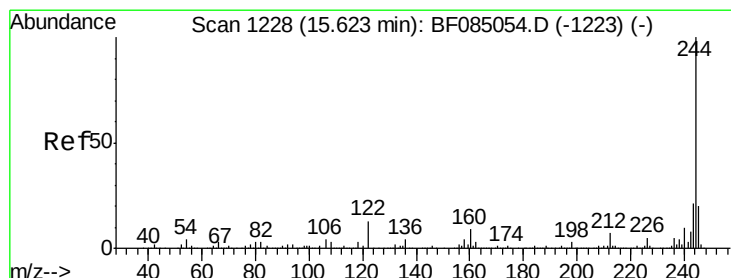
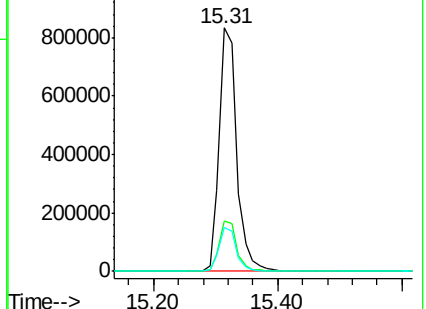
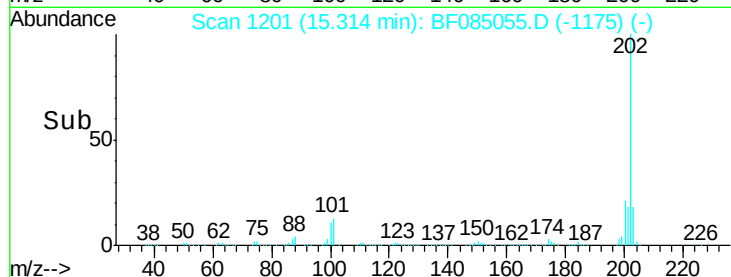
203 18.1 14.2 21.4



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: 108.20 ng

RT: 15.63 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

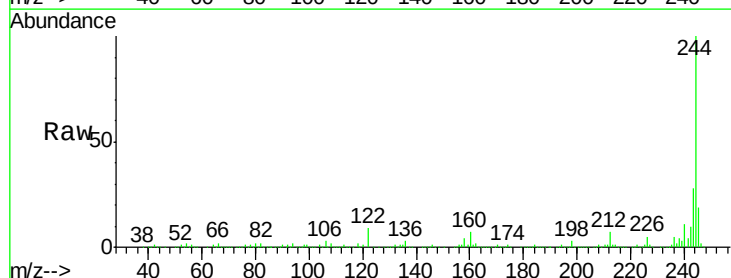
Tgt Ion:244 Resp: 1927925

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

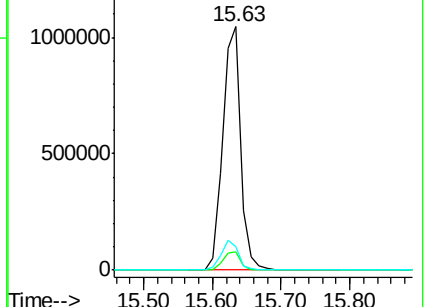
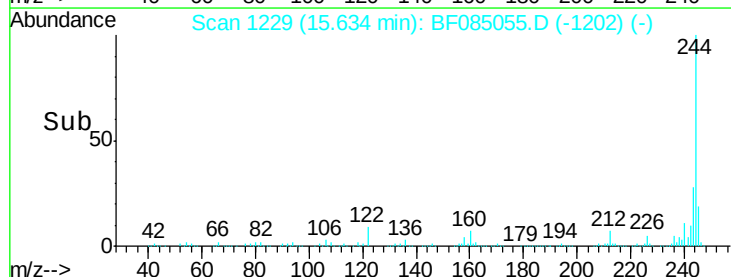
122 9.5 10.1 15.1#

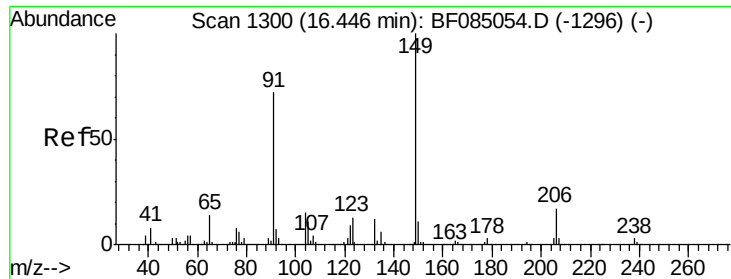


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

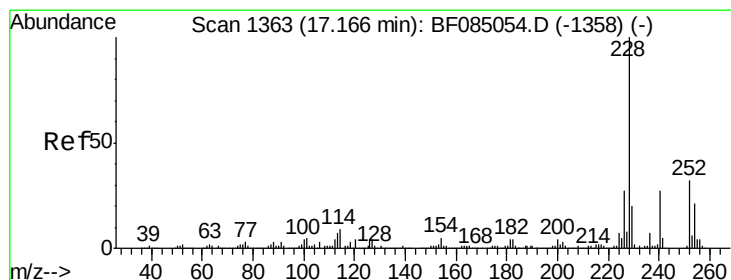
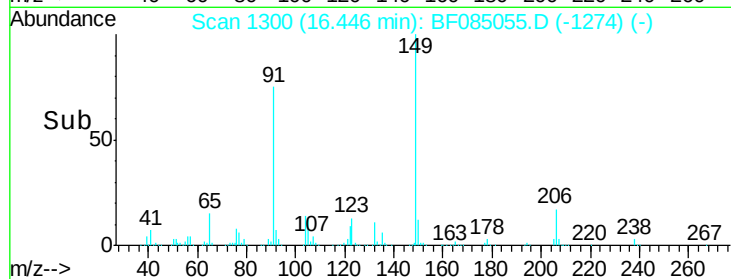
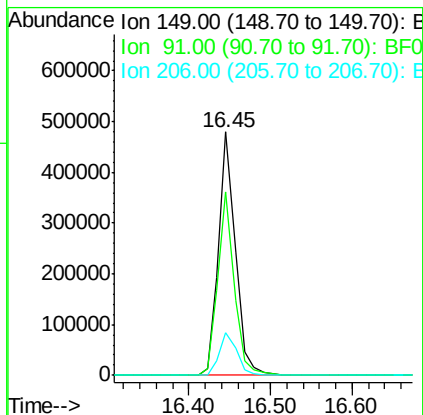
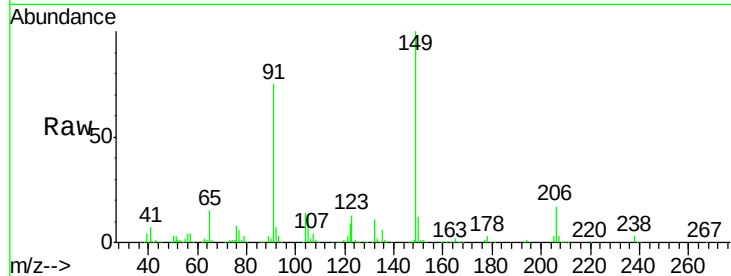




#79
Butylbenzylphthalate
Concen: 50.57 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

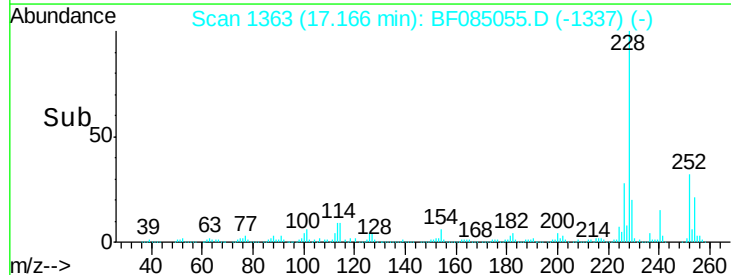
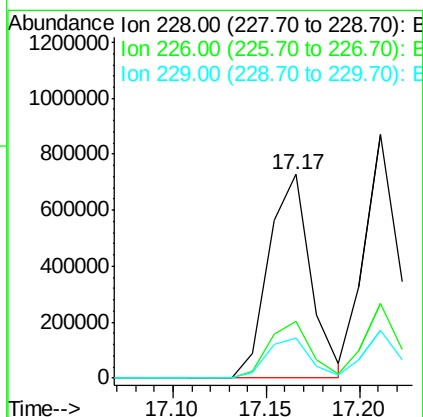
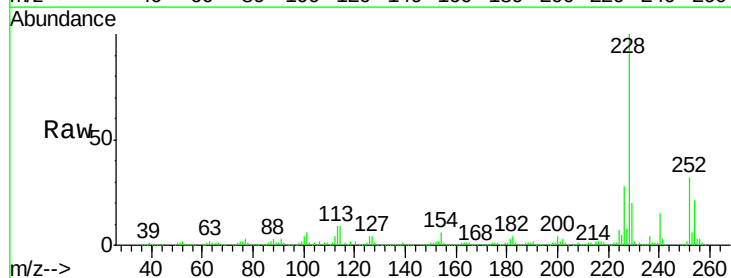
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

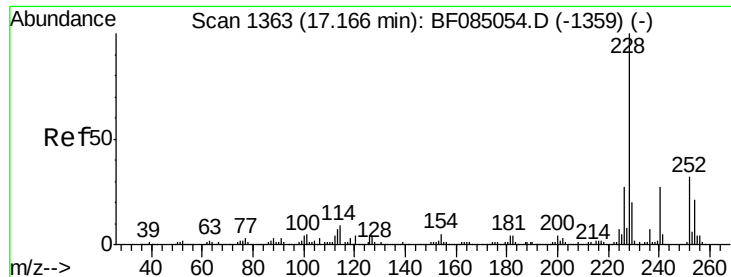
Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	57.8	86.8
206	17.4	13.8	20.8



#80
Benzo(a)anthracene
Concen: 46.57 ng
RT: 17.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	20.0	15.8	23.8

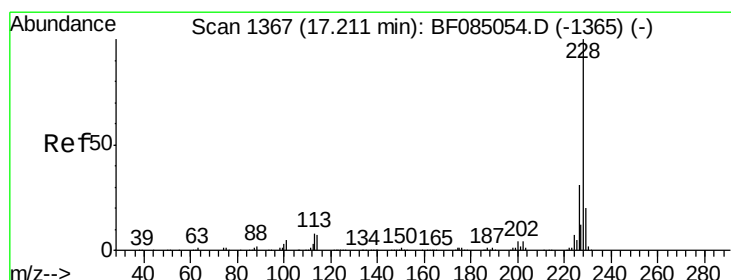
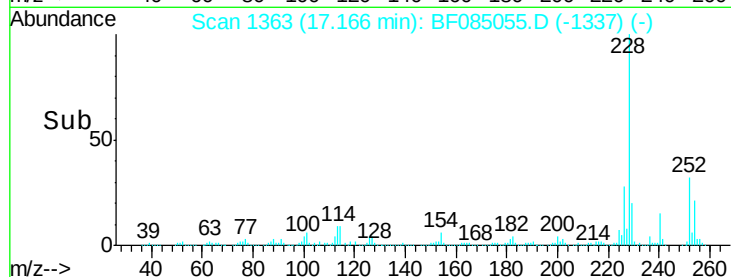
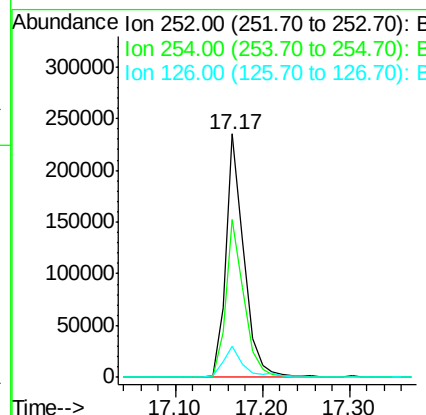
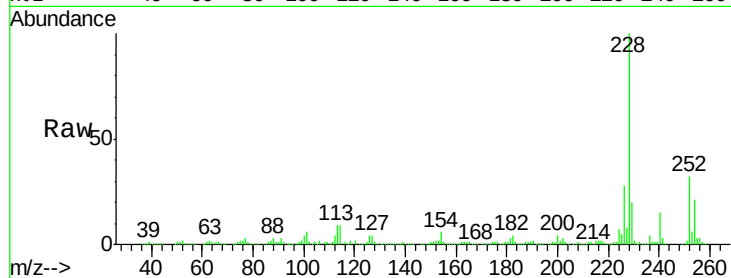




#81
 3,3'-Dichlorobenzidine
 Concen: 41.30 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

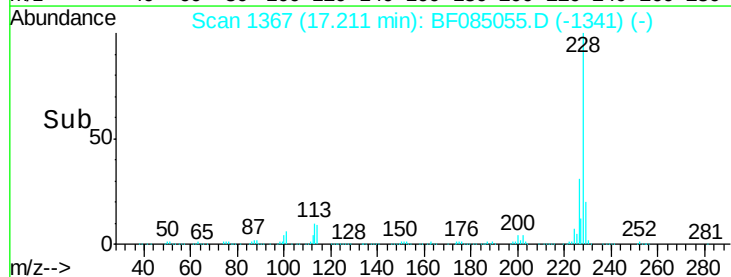
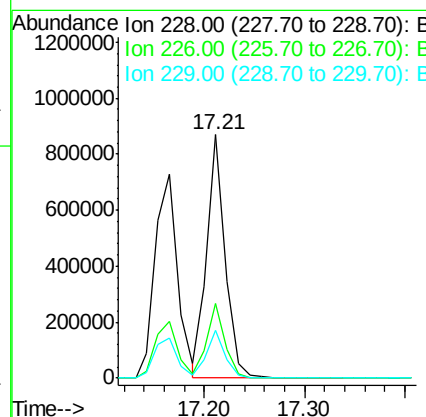
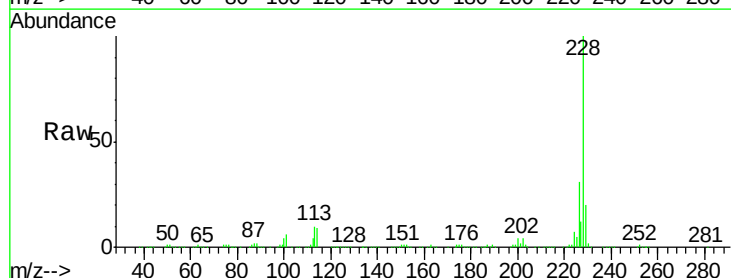
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

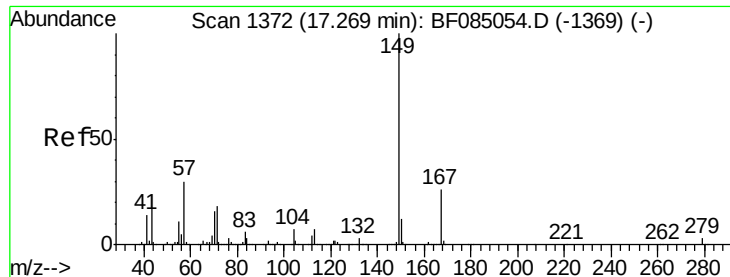
Tgt Ion: 252 Resp: 343685
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.9 79.3
 126 12.8 10.6 16.0



#82
 Chrysene
 Concen: 46.99 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion: 228 Resp: 1106517
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 19.8 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.01 ng

RT: 17.27 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

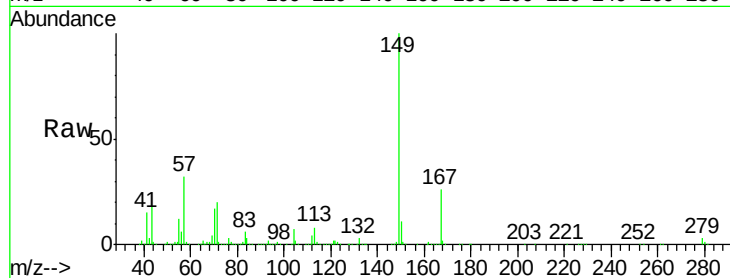
Tgt Ion:149 Resp: 912545

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.6

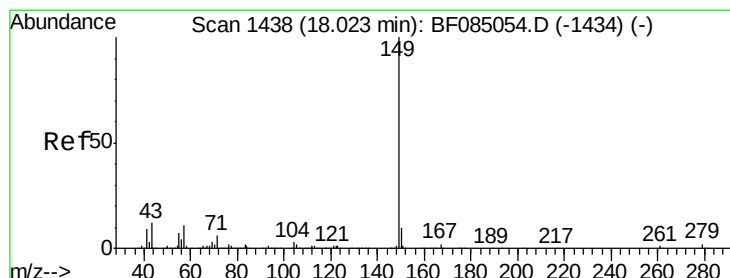
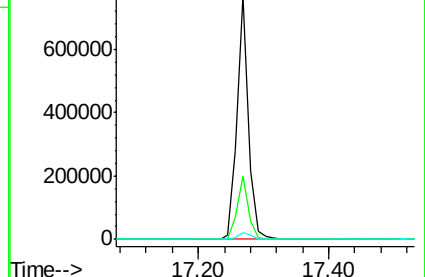
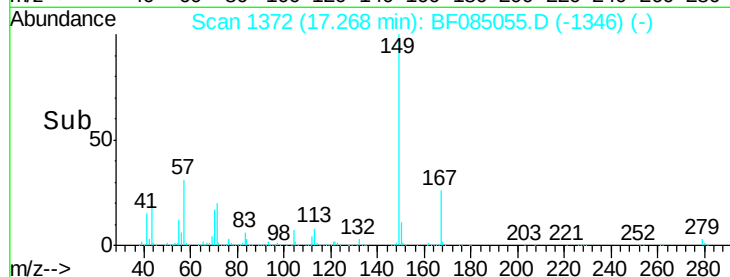
279 2.8 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.22 ng

RT: 18.02 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

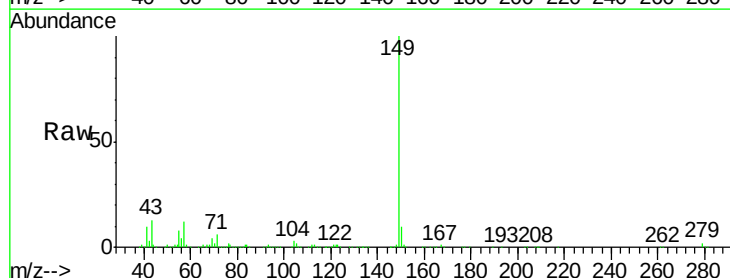
Tgt Ion:149 Resp: 1282798

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

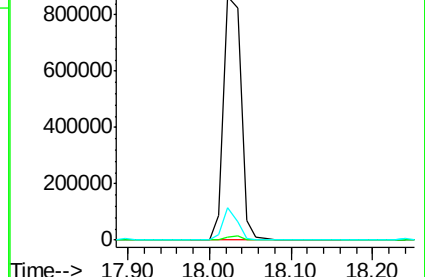
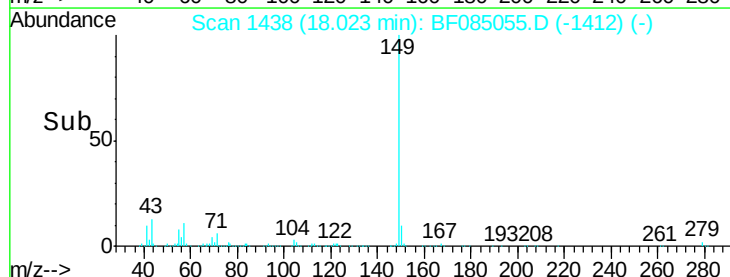
43 11.1 9.0 13.6

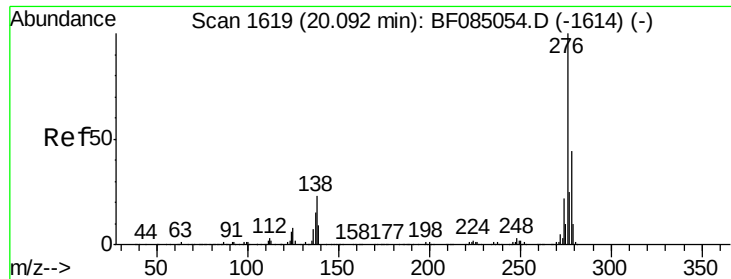


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

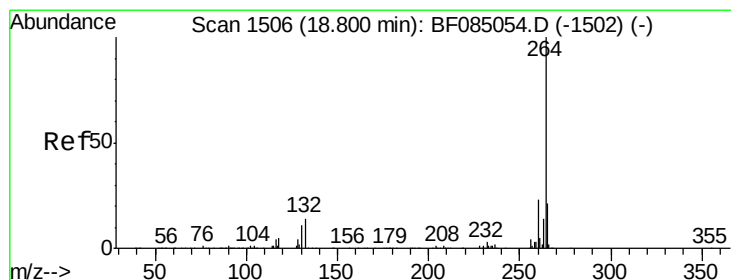
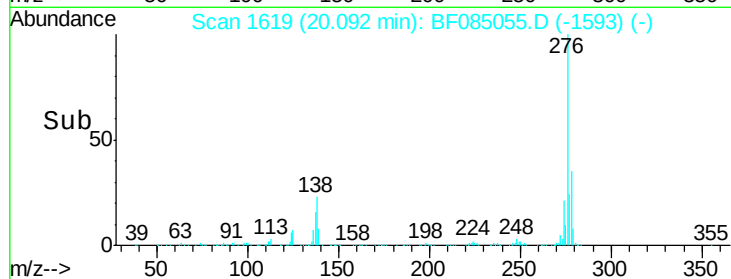
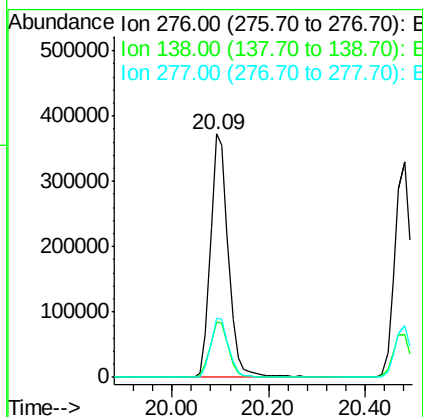
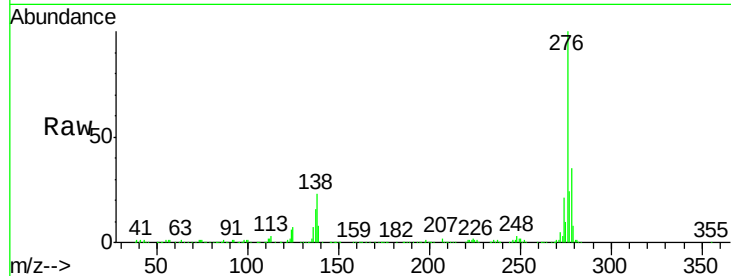




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.96 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

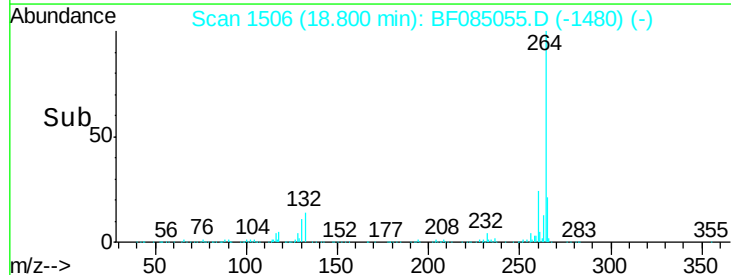
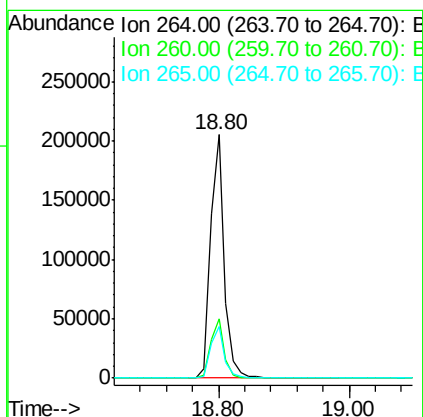
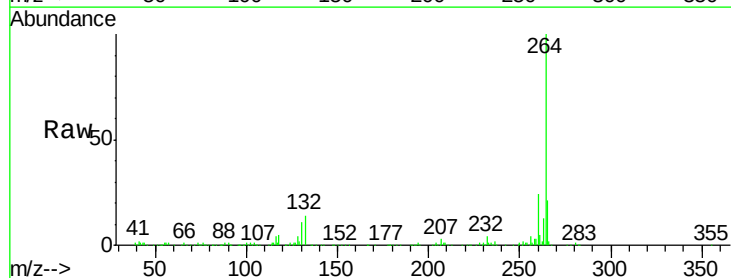
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

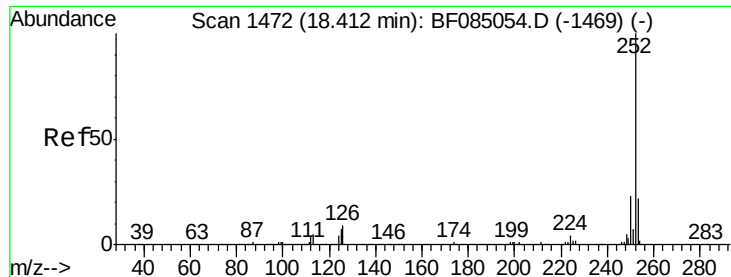
Tgt Ion: 276 Resp: 972632
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.0 28.4
 277 24.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion: 264 Resp: 302754
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 21.0 16.7 25.1





#87

Benzo(b)fluoranthene

Concen: 44.39 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

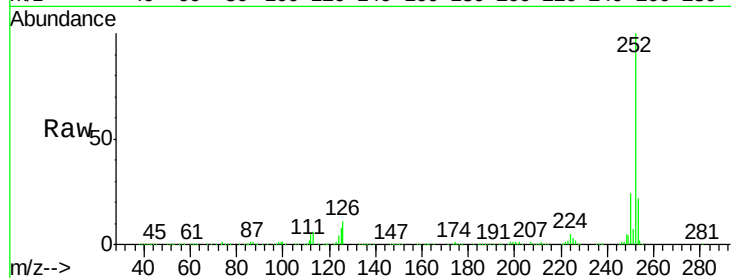
Tgt Ion:252 Resp: 905399

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

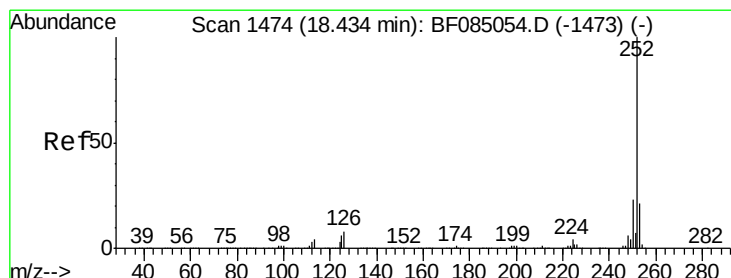
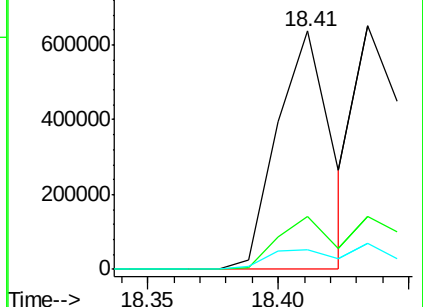
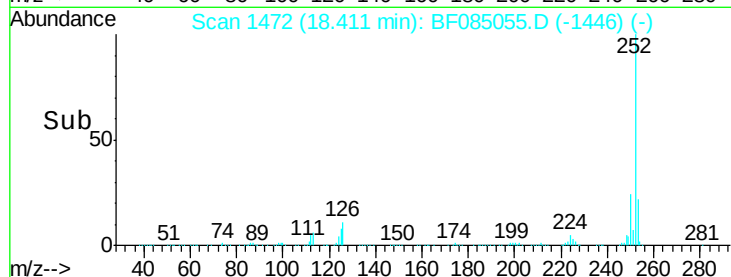
125 8.3 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.27 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

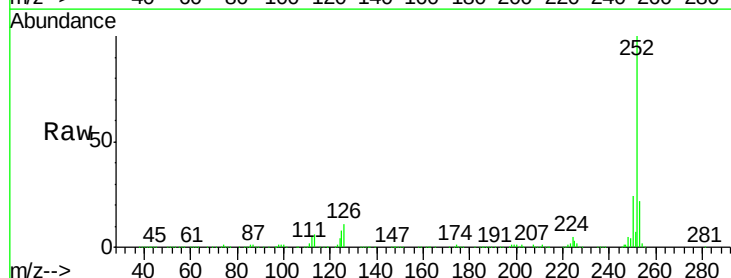
Tgt Ion:252 Resp: 905399

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

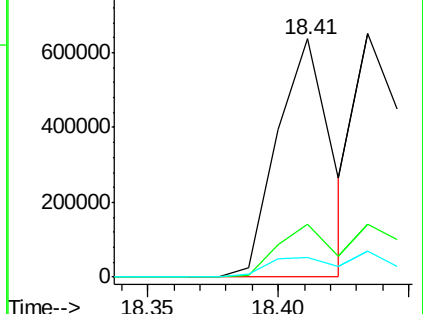
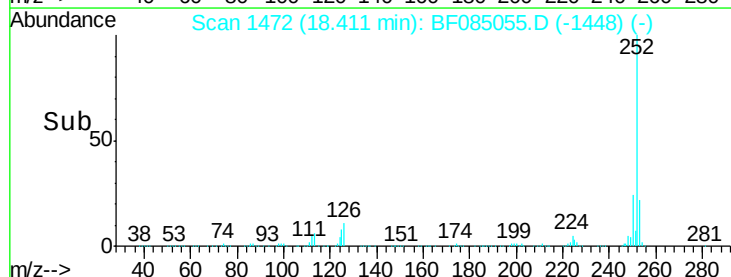
125 8.3 7.2 10.8

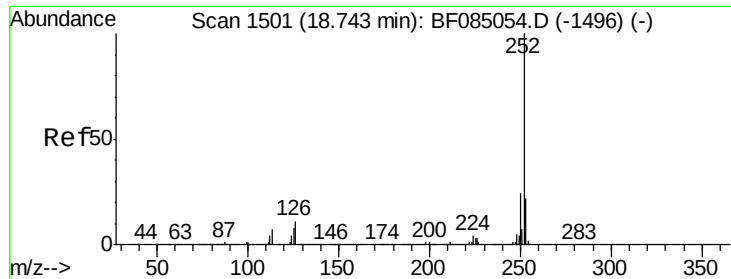


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

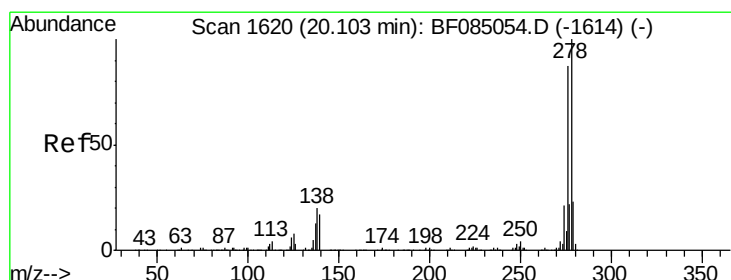
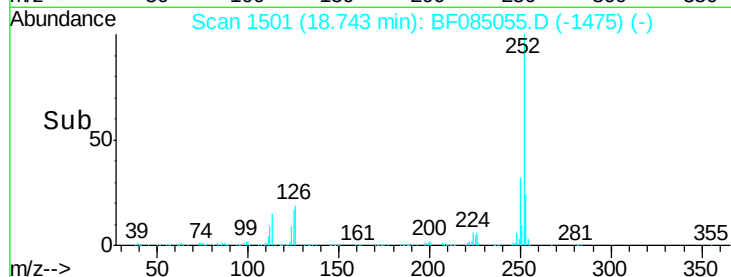
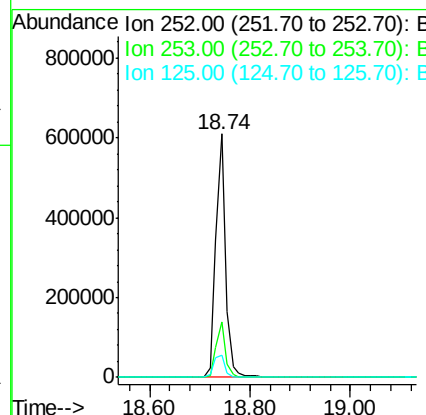
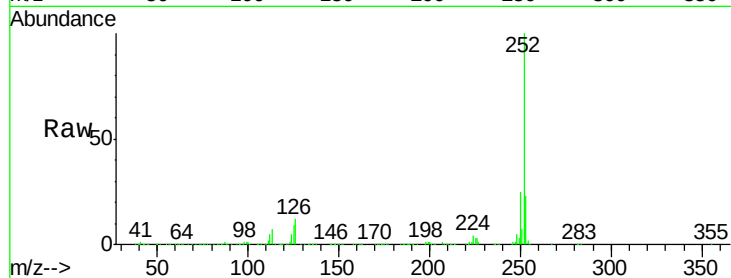




#89
Benzo(a)pyrene
Concen: 47.68 ng
RT: 18.74 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

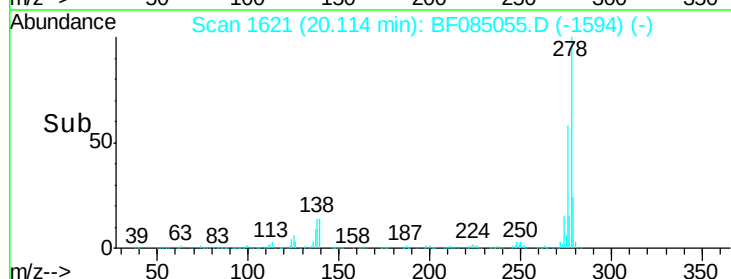
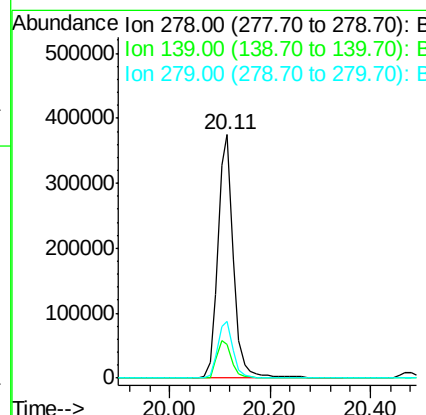
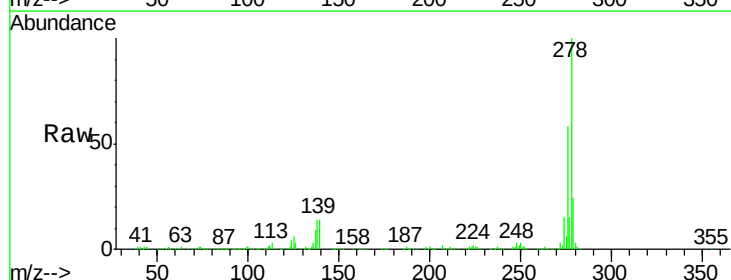
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

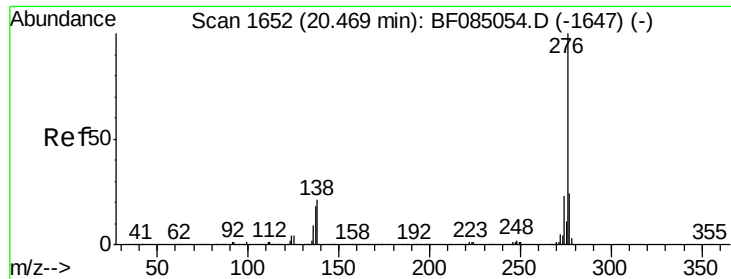
Tgt Ion:252 Resp: 821608
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.0 6.1 9.1



#90
Dibenzo(a,h)anthracene
Concen: 53.70 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion:278 Resp: 798579
Ion Ratio Lower Upper
278 100
139 14.0 13.3 19.9
279 23.5 18.6 27.8





#91

Benzo(g,h,i)perylene

Concen: 55.01 ng

RT: 20.48 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

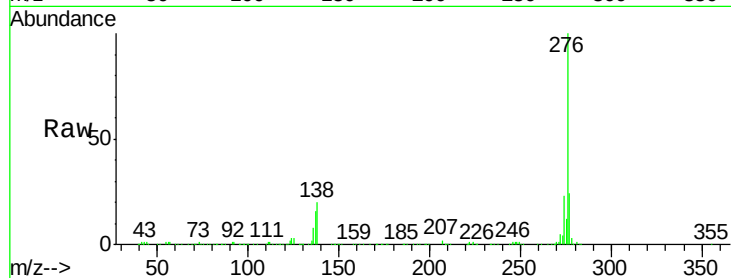
Tgt Ion: 276 Resp: 824032

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.5 16.6 24.8



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

